

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

NOTICE OF AND AGENDA FOR A WORKSHOP AND REGULAR MEETING

TO BE HELD BY THE BOARD OF DIRECTORS

DATE: TUESDAY, FEBRUARY 23, 2016
TIME: 5:30 PM
PLACE: PHARR CITY HALL
2nd FLOOR CITY COMMISSION CHAMBERS
118 SOUTH CAGE BOULEVARD
PHARR, TEXAS 78577

PRESIDING: RANCE G. SWEETEN, CHAIRMAN

PLEDGE OF ALLEGIANCE

INVOCATION

CALL TO ORDER FOR WORKSHOP

1. Discussion regarding concrete pavement versus asphalt pavement for the State Highway 365 Segments 1 & 2 Project.
2. Review of Quarterly Investment Report for the period ending December 31, 2016.

ADJOURNMENT OF WORKSHOP

CALL TO ORDER AND ESTABLISHMENT OF A QUORUM FOR REGULAR MEETING

PUBLIC COMMENT

1. REPORTS

A. Report on Program Manager Activity for SH 365 and IBTC – Louis Jones, Dannenbaum Engineering

2. **CONSENT AGENDA** *(All matters listed under Consent Agenda are considered to be routine by the Governing Body and will be enacted by one motion. There will be no separate discussion of these items; however, if discussion is desired, that item(s) will be removed from the Consent Agenda and will be considered separately. The Governing Body may also elect to go into Executive Session on any item on this agenda, whether or not such item(s) are posted as an Executive Session Item, at any time during the meeting when authorized by provisions of the Open Public Meeting Act.)*

A. Approval of Minutes for Regular Meeting held January 26, 2016.

B. Approval of Project & General Expense Report for the period from January 13, 2016 to February 8, 2016.

C. Approval of Financial Report for January 2016.

D. Approval of Quarterly Investment Report for the period ending December 31, 2015.

E. Resolution 2016-24 – Approval of Work Authorization Number 1 to the Professional Service Agreement with SAMES Engineering to provide a revised survey for the SH 365 Segment 1 & 2 Parcel 16.

F. Resolution 2016-25 – Approval of Supplemental Number 3 to Work Authorization Number 2 to the Professional Service Agreement with R. Gutierrez Engineering re-setting construction staking control points 956 and 958 for the US 281/Military Highway Overpass/BSIF Connector Project.

G. Resolution 2016-26 – Approval of Supplemental Number 7 to the Professional Service Agreement with R. Gutierrez Engineering to increase the maximum payable amount for Supplemental Number 3 to Work Authorization Number 2.

H. Resolution 2016-27 – Approval of Work Authorization Number 5 to the Professional Service Agreement with Melden & Hunt to provide parcel sketches for irrigation easements for the ETT Cross Valley Project as part of the International Bridge Trade Corridor Project.

I. Resolution 2016-28 – Approval of Work Authorization Number 6 to the Professional Service Agreement with Melden & Hunt to revise parcel 48 into parcels 48A & 48B for the ETT Cross Valley Project as part of the International Bridge Trade Corridor Project.

J. Resolution 2016-29 – Approval of Supplemental Number 4 to the Professional Service Agreement with Melden & Hunt to increase the maximum payable amount for Work Authorization Numbers 5 & 6.

3. REGULAR AGENDA

A. Resolution 2016-15 – Approval of concrete pavement as the base bid for the State Highway 365 Segment 1 & 2 Project.

B. Resolution 2016-16 – Approval of Supplemental Number 4 to Work Authorization Number 2 to the Professional Service Agreement with S&B Infrastructure to revise the Plans, Specifications and Estimates to include concrete pavement for the State Highway 365 Segment 1 Project.

- C. Resolution 2016-17 – Approval of Supplemental Number 2 to the Professional Service Agreement with S&B Infrastructure to increase the maximum payable amount for Supplemental Number 4 to Work Authorization Number 2.
- D. Resolution 2016-18 – Approval of Supplemental Number 3 to Work Authorization Number 3 to the Professional Service Agreement with L&G Engineering to revise the Plans, Specifications and Estimates to include concrete pavement for the State Highway 365 Segment 2 Project.
- E. Resolution 2016-21 – Approval of the annual review of the Investment Policy for the Hidalgo County Regional Mobility Authority.
- F. Resolution 2016-22 – Approval of agreement with the Texas Department of Transportation for inspection of pre-certified concrete pipes, precast bridge beams and related appurtenances.
- G. Resolution 2016-23 – Approval of Access Management Policy for the Hidalgo County Regional Mobility Authority.
- H. Resolution 2016-30 – Approval of Work Authorization Number 4 to the Professional Service Agreement with Raba Kistner to provide a soil and groundwater management plan as part of the Environmental Clearance Document for the International Bridge Trade Corridor Project.
- I. Resolution 2016-31 – Approval of Work Authorization Number 5 to the Professional Service Agreement with Raba Kistner to provide Hazardous Material Assessment as part of the Environmental Clearance Document for the International Bridge Trade Corridor Project.
- J. Resolution 2016-32 – Approval of Supplemental Number 5 to the Professional Service Agreement with Raba Kistner to increase the maximum payable amount for Work Authorization Numbers 4 & 5.

4. CHAIRMAN'S REPORT

- A. Report on meeting held with the Texas Department of Transportation regarding the SIB Loan for the State Highway 365 Project.

5. TABLED ITEMS

- A. None

6. EXECUTIVE SESSION, CHAPTER 551, TEXAS GOVERNMENT CODE, SECTION 551.071 (CONSULTATION WITH ATTORNEY), SECTION 551.072 (DELIBERATION OF REAL PROPERTY), AND SECTION 551.074 (PERSONNEL MATTERS)

- A. Consultation with Board Attorney on legal issues pertaining to the Project Development, Operation & Maintenance Agreement for State Highway 365 and Advance Funding Agreement for US 281/Military Highway Overpass Projects (Section 551.071 T.G.C.).
- B. Consultation with Board Attorney on legal issues pertaining to the Texas Department of Transportation State Infrastructure Bank Loan for the State Highway 365 Project (Section 551.071 T.G.C.)
- C. Consultation with Board Attorney on legal issues pertaining to the deliberation of real property for the State Highway 365 and International Bridge Trade Corridor Projects (Sections 551.071 and 551.072 T.G.C.).
- D. Consultation with Board Attorney on legal issues pertaining to Early Right of Way Acquisition and environmental clearance process for the State Highway 365 and International Bridge Trade Corridor Projects (Section 551.071 T.G.C.).
- E. Consultation with Board Attorney on legal issues pertaining to the use of Eminent Domain to acquire property required to complete the project alignments of the State Highway 365 and the International Bridge Trade Corridor Projects (Sections 551.071 and 551.072 T.G.C.).
- F. Consultation with Board Attorney on legal issues pertaining to the proposed South Texas Class I Rail Project (Section 551.071 T.G.C.).

ADJOURNMENT OF REGULAR MEETING

CERTIFICATION

I, the Undersigned Authority, do hereby certify that the attached agenda of the Hidalgo County Regional Mobility Authority Board of Directors is a true and correct copy and that I posted a true and correct copy of said notice on the Hidalgo County Regional Mobility Authority Web Page (www.hcrma.net) and the bulletin board in the Hidalgo County Court House (100 North Closner, Edinburg, Texas 78539), a place convenient and readily accessible to the general public at all times, and said Notice was posted on the 17th day of February 2016 at 12:00 pm and will remain so posted continuously for at least 72 hours preceding the scheduled time of said meeting in accordance with Chapter 551 of the Texas Government Code.

Flor E. Koll
Executive Assistant

Note: If you require special accommodations under the Americans with Disabilities Act, please contact Flor E. Koll at 956-402-4762 at least 24 hours before the meeting.

PUBLIC COMMENT POLICY

Public Comment Policy: "At the beginning of each HCRMA meeting, the HCRMA will allow for an open public forum/comment period. This comment period shall not exceed one-half (1/2) hour in length and each speaker will be allowed a maximum of three (3) minutes to speak. All individuals desiring to address the HCRMA must be signed up to do so, prior to the open comment period. The purpose of this comment period is to provide the public an opportunity to address issues or topics that are under the jurisdiction of the HCRMA. For issues or topics which are not otherwise part of the posted agenda for the meeting, HCRMA members may direct staff to investigate the issue or topic further. No action or discussion shall be taken on issues or topics which are not part of the posted agenda for the meeting. Members of the public may be recognized on posted agenda items deemed appropriate by the Chairman as these items are considered, and the same time limitations (3 minutes) applies."

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Item 1

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 1 </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 2/15/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 2/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **WORKSHOP – DISCUSSION REGARDING CONCRETE PAVEMENT VERSUS ASPHALT PAVEMENT FOR THE STATE HIGHWAY 365 SEGMENTS 1 & 2 PROJECT.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No
Discussion regarding the capital, maintenance and replacement cost of concrete pavement versus asphalt pavement for State Highway 365 Segments 1 & 2 Project.

3. Policy Implication: Board Policy, Local Government, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: Yes No X N/A Funding Source:

5. Staff Recommendation: **Discussion Only.**

6. Program Manager’s Recommendation: Approved Disapproved X None

7. Construction Engineer’s Recommendation: Approved Disapproved X None

8. Chief Auditor’s Recommendation: Approved Disapproved X None

9. Board Attorney’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Executive Director’s Recommendation: Approved Disapproved X None

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Item 2

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 2 </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 02/04/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 02/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **WORKSHOP ITEM 2 – QUARTERLY INVESTMENT REPORT FOR PERIOD ENDING DECEMBER 31, 2015.**
2. Nature of Request: (Brief Overview) Attachments: X Yes No
 Presentation of quarterly investment reports.
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
4. Budgeted: Yes No X N/A
5. Staff Recommendation: **Report only.**
6. Program Manager's Recommendation: Approved Disapproved X None
7. Planning Committee's Recommendation: Approved Disapproved X None
8. Board Attorney's Recommendation: Approved Disapproved X None
9. Chief Auditor's Recommendation: Approved Disapproved X None
10. Chief Financial Officer's Recommendation: Approved Disapproved X None
11. Construction Engineer's Recommendation: Approved Disapproved X None
12. Executive Director's Recommendation: Approved Disapproved X None



Board of Directors

Rance G. Sweeten, Chairman
Josue Reyes, Vice Chairman
Ricardo Perez, Secretary/Treasurer
Michael Cano, Director
Forrest Runnels, Director
Alonzo Cantu, Director
R. David Guerra, Director

February 4, 2016

To: Rance G. Sweeten, Chair
Member of the Board of Directors

From: Pilar Rodriguez, Executive Director/Investment Officer
Jose Castillo, Chief Financial Officer

RE: Quarterly Investment Report for QE December 31, 2015/Statement of Compliance

The above-referenced report is hereby presented, pursuant to the Public Funds Investment Act (PFIA), for your review and acceptance.

Yields remain at historic low. The most significant change during this quarter was the acceleration of vendor payments from the Bond Construction Fund.

The PFIA also requires that the report contain a Statement of Compliance, signed by the Investment Officers, as presented below:

STATEMENT OF COMPLIANCE

Pursuant to the PFIA, we the Investment Officers of the Hidalgo County Regional Mobility Authority, represent to you that the portfolio presented in this report is in compliance with:

The HCRMA's Investment Policy, and

The Public Funds Investment Act of the State of Texas

Pilar Rodriguez, Investment Officer

Hidalgo County Regional Mobility Authority
SUMMARY
QUARTERLY INVESTMENT REPORT
For Quarter Ending December 31, 2015

	Local Govt Investment <u>Pool</u>	Money Mkt <u>Fund</u>	<u>Total</u>
COST			
Beginning Balance	\$ 17,367,338	\$ 1,867,911	\$ 19,235,249
Additions:			
Purchases	-	-	-
Investment Earnings	4,931	55	4,986
Transfers-In	-	993,837	993,837
Deductions:			
Withdrawals	-	-	-
Transfers-Out	-	-	-
Vendor/Bondholder Payments	<u>(2,453,276)</u>	<u>(2,530,481)</u>	<u>(4,983,757)</u>
Ending Balance	<u>\$ 14,918,993</u>	<u>\$ 331,322</u>	<u>\$ 15,250,315</u>
MARKET VALUE			
Beginning Balance	\$ 17,368,762	\$ 1,868,064	\$ 19,236,826
Ending Balance	<u>\$ 14,919,228</u>	<u>\$ 331,322</u>	<u>\$ 15,250,550</u>
Weighted Average Maturity	<u>45</u>	<u>31</u>	
Weighted Average Yield	<u>0.1374%</u>	<u>0.0100%</u>	

Hidalgo County Regional Mobility Authority
DETAIL - HOLDINGS BY FUND
QUARTERLY INVESTMENT REPORT
For Quarter Ending December 31, 2015

Type of Security/Fund	Description	Date		Yield	Beginning	Purchases	Interest	Contribution	Vendor	Adjusted	Market
		Purchased	Maturity		Cost				Payments	Cost	Value
Local Govt Investment Pool (TexSTAR)											
General Operating Fund	As Shown		N/A	0.1374%	159,648	-	55	-	-	159,703	159,689
Bond Construction Fund Series 2013	As Shown			0.1374%	14,005,858	-	3,765	-	(2,453,276)	11,556,347	11,556,347
Vehicle Registration Fund	As Shown			0.1374%	3,201,832	-	1,111	-	-	3,202,943	3,202,671
Total LGIP (TexSTAR)					<u>17,367,338</u>	<u>-</u>	<u>4,931</u>	<u>-</u>	<u>(2,453,276)</u>	<u>14,918,993</u>	<u>14,918,707</u>
Money Market Fund (Federated Govt Obligations)											
Debt Service Fund-106912-001	As Shown	Beginning Balance		0.0100%	<u>1,867,911</u>	<u>-</u>	<u>55</u>	<u>993,837</u>	<u>(2,530,481)</u>	<u>331,322</u>	<u>331,322</u>

0.1099 oct
0.1155 nov
0.1868 dec
0.1374 ave



Monthly Rate History

Rate History

Year:

Month	Avg. Rate
JAN	0.0542%
FEB	0.0548%
MAR	0.0604%
APR	0.0701%
MAY	0.0643%
JUN	0.0719%
JUL	0.0722%
AUG	0.0823%
SEP	0.0994%
OCT	0.1099%
NOV	0.1155%
DEC	0.1868%

(1) This weighted average maturity calculation uses the SEC rule 2a7 definition for stated maturity for any floating rate instruments held in the portfolio to determine the weighted average maturity for the pool. This rule specifies that a variable rate instrument to be paid in 397 calendar days or less shall be deemed to have a maturity equal to the period remaining until the next readjustment of the interest rate.

(2) This weighted average maturity calculation uses the final maturity of any floating rate instruments held in the portfolio to calculate the weighted average maturity for the pool.

(3) The yield for each date reflects a partial waiver of management fees, as provided for in the TexSTAR Information Statement.

TexSTAR Participant Services * FirstSouthwest
1201 Elm Street, Suite 3500 * Dallas, Texas 75270 * www.texstar.org * 1-800-TEX-STAR * 214-953-8890 * FAX 214-953-8878

Item 1A

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 1A </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 02/09/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 02/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **REPORT ON PROGRAM MANAGER ACTIVITY FOR SH365 AND IBTC.**
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Report on Program Manager Activity for SH365 and IBTC by Louis Jones, Dannenbaum Engineering.
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
4. Budgeted: Yes No X N/A
5. Staff Recommendation: **Report only.**
6. Program Manager's Recommendation: Approved Disapproved X None
7. Planning Committee's Recommendation: Approved Disapproved X None
8. Board Attorney's Recommendation: Approved Disapproved X None
9. Chief Auditor's Recommendation: Approved Disapproved X None
10. Chief Financial Officer's Recommendation: Approved Disapproved X None
11. Construction Engineer's Recommendation: Approved Disapproved X None
12. Executive Director's Recommendation: Approved Disapproved X None



HCRMA Board of Directors

Randy Sweeten, Chairman

Josue Reyes, Vice-Chairman

Ricardo Perez, Secretary/Treasurer

Julian Ybarra, Jr., Director

R. David Guerra, Director

Forrest Runnels, Director

Alonzo Cantu, Director

HCRMA Staff

Pilar Rodriguez, PE, Executive Director

Ramon Navarro IV, PE, CFM, Construction Engineer

Celia Gaona, CIA, Auditor/Compliance Officer

Jose Castillo, Chief Financial Officer

Carlos “CJ” Moreno, Jr., Acquisition Coordinator

Flor E. Koll, Program Administrator

Sergio Mandujano, Construction Records Keeper

Program Management Consultant

DANNENBAUM ENGINEERING CORP

PMC/GEC STATUS REPORT (02/2016)

1. Review: PMC Invoice
2. Status: Systemwide Tasks
3. Status: SH 365 Project
4. Status: IBTC Project
5. Status: OW/OS Corridor
6. Status: Constr. Cost Trends

PMC Invoice Overview (Active WA's: 02/2016 Invoice)



DANNENBAUM – PROGRAM MANAGER

Task (Current Billing)	WA 9 3/1/14 - 6/30/18	WA 16 5/28/14-01/31/16	WA 20 12/17/15-03/30/16	WA9 - WA20 3/1/14 - 6/30/18
Program Management Consultant	\$ 152,788	\$ -	\$ -	\$ 152,788
Project & Systemwide Mgt	\$ 152,788	\$ -	\$ -	\$ 152,788
Construction Mgt	\$ -	\$ -	\$ -	\$ -
General Engineering Consultant (Tasks on Behalf of the Agency)	\$ -	\$ -	\$ 6,900	\$ 6,900
Analyzing Documentation	\$ -	\$ -	\$ -	\$ -
Building Agency	\$ -	\$ -	\$ -	\$ -
Strategic Planning	\$ -	\$ -	\$ 6,900	\$ 6,900
Public Outreach	\$ -	\$ -	\$ -	\$ -
Advance Planning	\$ -	\$ -	\$ -	\$ -
Total for All Tasks:	\$ 152,788	\$ -	\$ 6,900	\$ 159,688

Firm (Current Billing)	WA 9 3/1/14 - 6/30/18	WA 16 5/28/14-01/31/16	WA 20 12/17/15-03/30/16	WA9 - WA20 3/1/14 - 6/30/18
Dannenbaum Eng Corp.	\$ 142,788	\$ -	\$ -	\$ 142,788
Direct Labor: Pathfinder	\$ 10,000	\$ -	\$ -	\$ 10,000
Direct Labor: George Ramon	\$ -	\$ -	\$ -	\$ -
Sub: Aranda and Assoc. (DBE)	\$ -	\$ -	\$ -	\$ -
Sub: Blanton & Assoc. (DBE)	\$ -	\$ -	\$ -	\$ -
Sub: C&M Associates (DBE)	\$ -	\$ -	\$ 6,900	\$ 6,900
Sub: RODS SUE (DBE)	\$ -	\$ -	\$ -	\$ -
Sub: UNINTECH (DBE)	\$ -	\$ -	\$ -	\$ -
Sub: CSE (DBE)	\$ -	\$ -	\$ -	\$ -
Total for All Firms:	\$ 152,788	\$ -	\$ 6,900	\$ 159,688

PMC Invoice Overview (Active WA's: Earned to Date)



DANNENBAUM – PROGRAM MANAGER

Task (Earned to Date)	WA 9 3/1/14 - 6/30/18	WA 16 5/28/14-01/31/16	WA 20 12/17/15-03/30/16	WA9 - WA20 3/1/14 - 6/30/18
Program Management Consultant	\$ 5,128,965	\$ -	\$ -	\$ 5,128,965
Project & Systemwide Mgt	\$ 5,128,965	\$ -	\$ -	\$ 5,128,965
Construction Mgt	\$ -	\$ -	\$ -	\$ -
General Engineering Consultant (Tasks on Behalf of the Agency)	\$ -	\$ 168,706	\$ 6,900	\$ 175,606
Analyzing Documentation	\$ -	\$ -	\$ -	\$ -
Building Agency	\$ -	\$ -	\$ -	\$ -
Strategic Planning	\$ -	\$ -	\$ 6,900	\$ 6,900
Public Outreach	\$ -	\$ -	\$ -	\$ -
Advance Planning	\$ -	\$ 168,706	\$ -	\$ 168,706
Total for All Tasks:	\$ 5,128,965	\$ 168,706	\$ 6,900	\$ 5,304,572

Firm (Earned to Date)	WA 9 3/1/14 - 6/30/18	WA 16 5/28/14-01/31/16	WA 20 12/17/15-03/30/16	WA9 - WA20 3/1/14 - 6/30/18
Dannenbaum Eng Corp.	\$ 4,054,845	\$ -	\$ -	\$ 4,054,845
Direct Labor: Pathfinder	\$ 240,000	\$ -	\$ -	\$ 240,000
Direct Labor: George Ramon	\$ 179,400	\$ -	\$ -	\$ 179,400
Sub: Aranda and Assoc. (DBE)	\$ 435,520	\$ -	\$ -	\$ 435,520
Sub: Blanton & Assoc. (DBE)	\$ 219,200	\$ -	\$ -	\$ 219,200
Sub: C&M Associates (DBE)	\$ -	\$ -	\$ 6,900	\$ 6,900
Sub: RODS SUE (DBE)	\$ -	\$ -	\$ -	\$ -
Sub: UNINTECH (DBE)	\$ -	\$ -	\$ -	\$ -
Sub: CSE (DBE)	\$ -	\$ 168,706	\$ -	\$ 168,706
Total for All Firms:	\$ 5,128,965	\$ 168,706	\$ 6,900	\$ 5,304,572

- PMC WA 9
 - Managed/met/reviewed all development efforts done by other HCRMA consultants for SH 365 and IBTC.
 - Provided support to Staff for landowner coordination, meetings with stakeholders (TxDOT, DID, and AEP), in addition to Staff support for ROW document preparation, contract document support, and document control.
 - Construction Management tasks include Bid Phase support for the US 281 / BSIF Bid Opening and Bid Processing—including preparations with HCRMA Staff regarding up-coming construction (met with several constr. mgt. software providers to manage the material testing / inspection activities).

- PMC WA 9 Cont.
 - Continued to provide support to HCRMA Staff and FSW (Hilltop Secnrities) on data needs from TxDOT Finance for the continued processing of the HCRMA SIB Loan request.
- PMC WA 16
 - Offsite Hydrologic Studies are 99% complete by Civil Systems Engineers (Deren Li) for eventual use on HCDD#1 Outfall Improvements.
 - Pending final report from CSE (SH 365 Seg. 3 is final and delivered to HCDD#1 for developing those outfalls) in order to coordinate the construction of outfalls for SH 365 Seg. 1 & 2.
 - Coordinating with HCDD#1 on their in-house drainage outfall development for Seg. 3.
 - Will conduct kick off with HCDD#1 Early February for SH 365 Seg 1 & 2 Outfall Development.

Project Overview for SH 365



Path: G:\15404652\PM\GIS\EXHIBITS\2014-10-06 Project Map (SH365).mxd

Project Schedule for SH 365



SH 365 / US 281 Improvements - Phase I (Segment 3)

(US 281 / Mil. Hwy. from SP600 / Cage Blvd. to FM 2557 / Stewart Rd and the BSIF Connector)

WORK TASK	2015												2016											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Env. Clearance (FONSI)							◆																	
Final Design (Complete)																								
ROW Acquisition (Complete)																								
Utility Relocation																								
Constr. Bid Opening (Letting)																								
Construction Starts																								

CONSTRUCTION FOR SH 365 PHASE I: FROM 02/01/2016 TO 09/30/2017

SH 365 - Phase II (Segments 1 & 2)

(FM 396 / Anzalduas Hwy. to US 281 / Military Hwy)

WORK TASK	2015												2016											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Env. Clearance (FONSI)							◆																	
Final Design																								
ROW Acquisition Phase																								
Utility Relocation																								
Constr. Bid Advertisement																								
Constr. Bid Opening (Letting)																								
Construction Starts																								

CONSTRUCTION FOR SH 365 PHASE II: FROM 12/15/2016 TO 6/16/2019

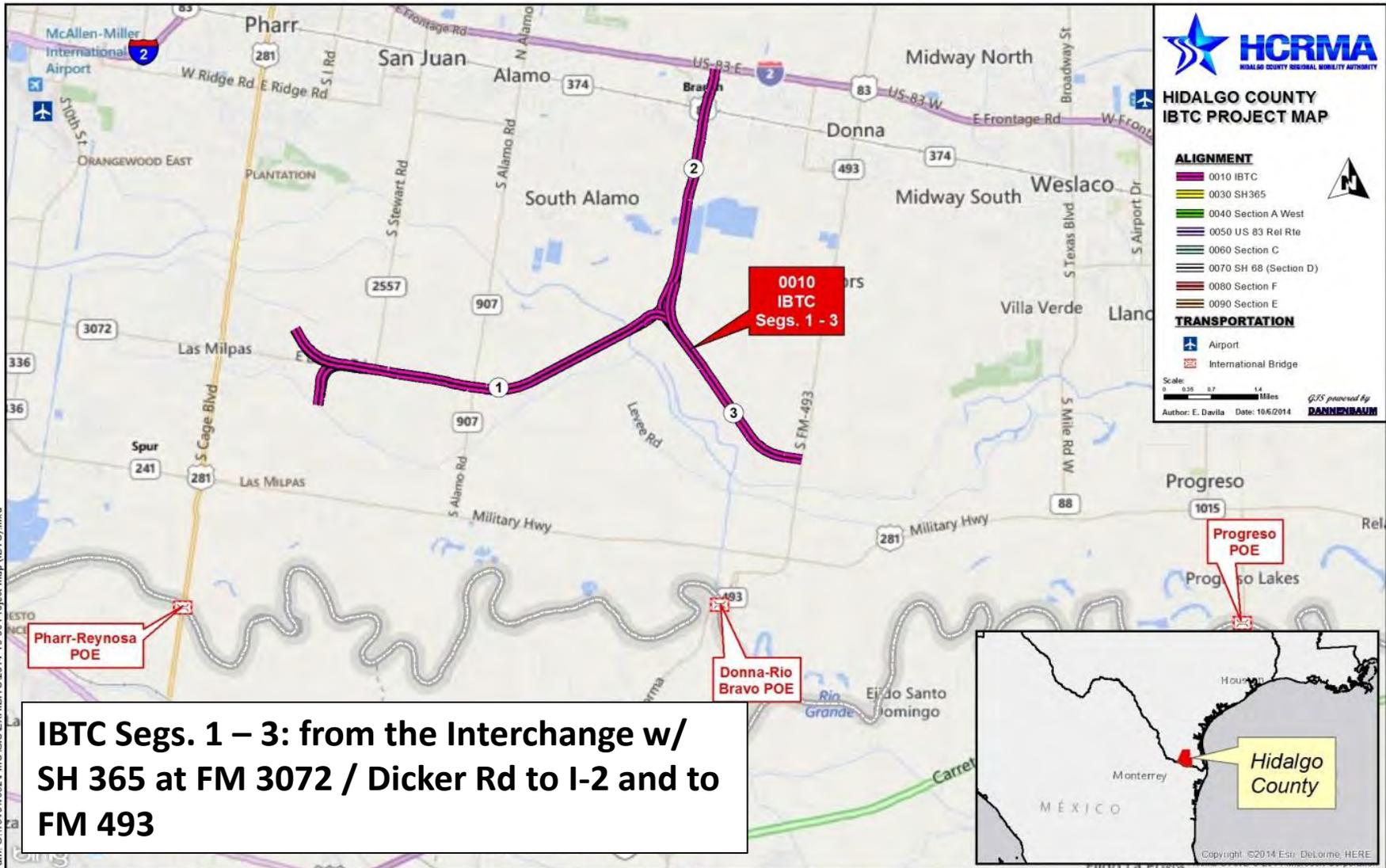
■ Design

- PS&E on SH 365 Segment 3 (US 281/BSIF) is 100% complete.
- PS&E on SH 365 Segments 1 and 2 are 95% complete.
- All requested subsurface utility exposures are 100% complete.
- Geo-technical for SH 365 Segment 3 (US 281) is 100% complete.
- Geo-technical for SH 365 Segments 1 and 2 are 100% complete.
- Onsite Hydrologic Studies for SH 365 Segments 1, 2, and 3 are 100% complete.

- Environmental
 - PMC working with USIBWC for eventual construction license within the floodway / levees, as well as coordinating efforts with Atkins on USACE Permitting. Assisted with USIBWC MOU review and provided plan and profile exhibits for use on the USAC's use, as well as brokered discussions for potential mitigation banking which will be necessary for USACE permit approval. Also reviewed final TxDOT comments on Hazmat report, and provided final instructions to Hazmat ESA II provider in order to finalize report.
- ROW Mapping / Acquisition
 - Mapping complete (Segments 1 – 4)
 - Acquisition complete on Segment 3
 - ROW Maps and Parcels for Segments 1 & 2 delivered to ROW team. Appraisals forthcoming, as well as updated title commitments and ROW agent preparation. Offers went out to landowners from US 281 to Jackson Rd. (majority of Segment 1)
 - Utility relocations on Segment 3 ongoing
 - Utility kickoff meetings conducted on Segments 1 & 2 – follow up monthly meetings scheduled in order to acquire redline or additional data from those potentially in conflict

- US 281 / BSIF Connector Bid Proposal –
for Sept 2015 Letting Status
 - Opening bids at 3:05P at City of Pharr City Commission Chambers, 118 S. Cage Blvd, 2nd Floor Pharr, Texas 78577 (9/30/15).
 - Submitted Bid Tabulations to HCRMA Staff with a memo containing preliminary recommendation to adopt low bidder. Pending final coordination on memorandum before supplying all bid related info to TxDOT for concurrence.
 - TxDOT Concurred with Recommendation of Award to Responsive and Responsible Low Bidder: Foremost Paving, Inc. with a Bid of \$19,425,546.44

Project Overview for IBTC



IBTC - Segments 1-3																												
(From Dicker Rd. Interchange to end of the Floodway North to I-2 & from Valleyview Interchange to FM 493)																												
WORK TASK	2015				2016												2017											
	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Environmental						■	■	■	■	■	■	■	■	■	■				◆									
Final Plans								■	■	■	■	■	■	■	■	■	■	■	■									
ROW Acquisition																	■	■	■	■	■	■	■	■	■			
Utility Relocation																	■	■	■	■	■	■	■	■	■			
Constr. Bid Opening (Letting)																									◆			
Construction Starts																										◆		
CONSTRUCTION FROM 06/2017 TO 11/2019																												

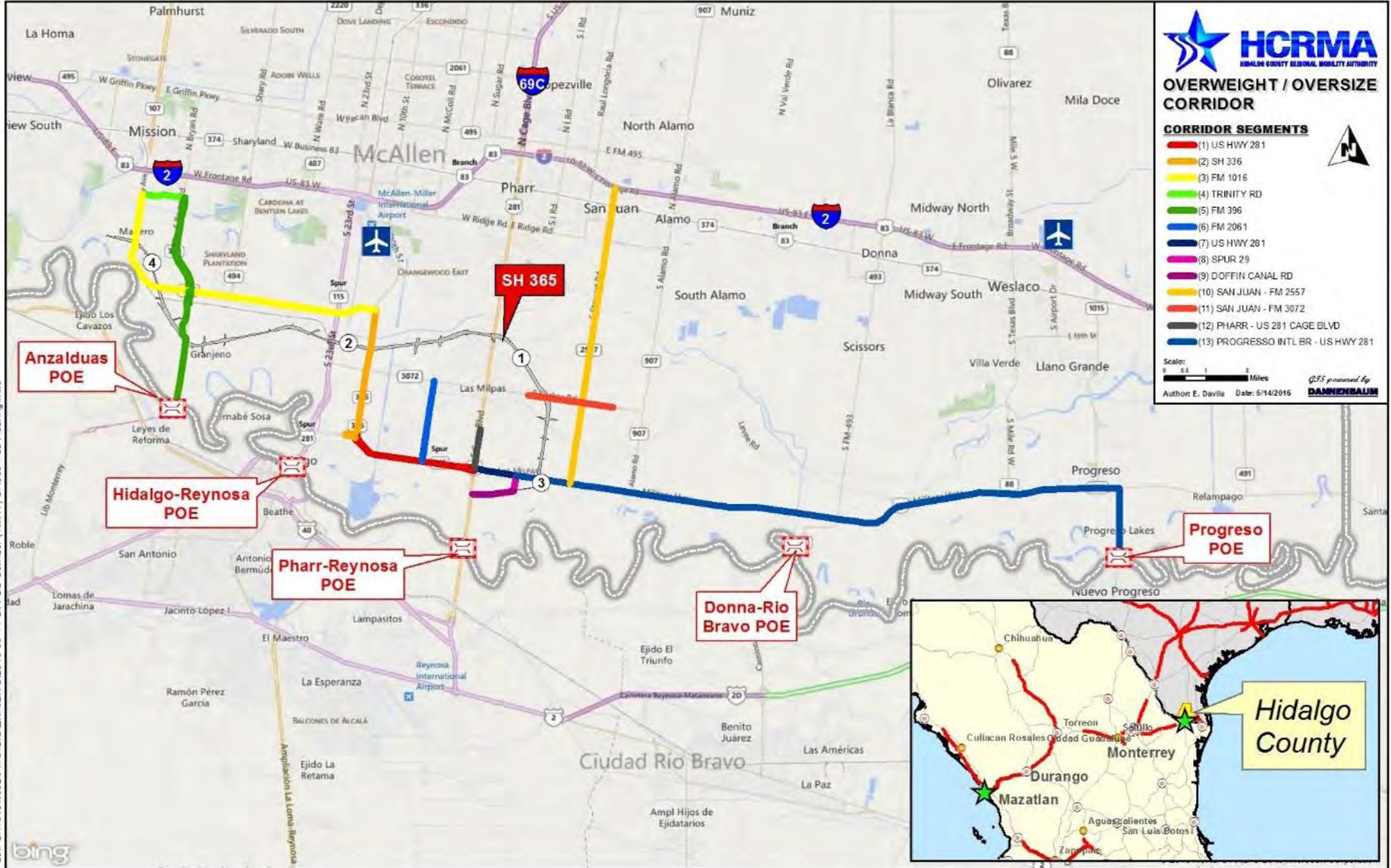
Proposed Revised Schedule:

- Contingent upon Board direction
- Funding considerations
- Clearing environmental in order to get project closer to shovel readiness

- Design
 - PS&E for IBTC Segments 1 - 3 are 40 to 60% complete.
 - Geo-technical borehole efforts are on pause for IBTC Segments 1-3.
 - Onsite Hydrologic Studies for IBTC have been reviewed and are being finalized.
 - Subsurface Utility Exposures are 100% complete.
- Environmental
 - NEPA document and fieldwork stopped 2/17/15 per stop work order issued by HCRMA pending further project development discussions with TxDOT.
 - Discussions held with Atkins team to get them reinitiated on environmental fieldwork.

- ROW Mapping
 - Strip map for complete IBTC project is complete for the entire project.
- ROW Acquisition
 - All parcels north of Donna Reservoirs have been submitted to the ROW Acquisition Team.
 - Early acquisition is nearing completion for the AEP/ETT local project ROW for the transmission line (4 parcels remain at various stages of closure).
 - PMC assisted in coordinating master easement parcels prepared by RGEC and QHA for use in negotiation easement transfer to ETT-AEP. PMC also prepared final cost to be used in those negotiations and are assisting with utility relocation along that corridor based on AEP's guidance/requirements.

Project Overview for Overweight/Oversize Corridor Permits

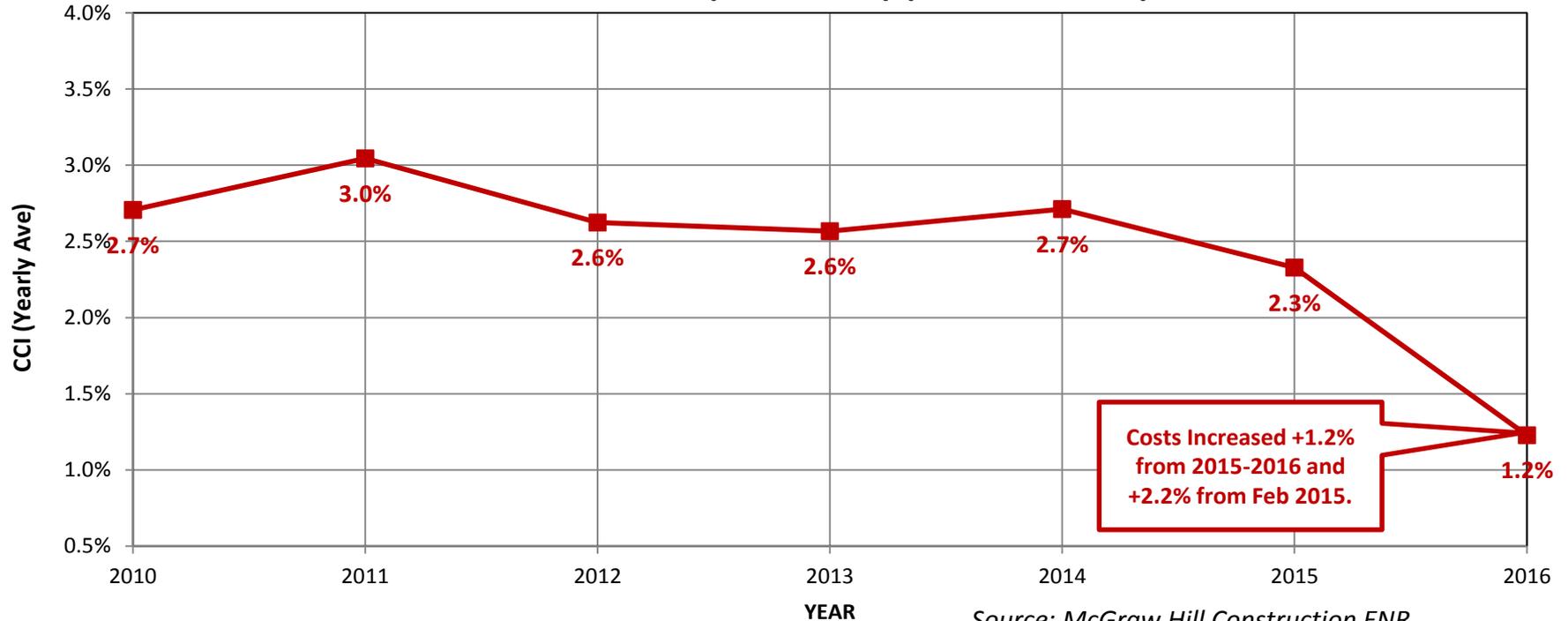


Path: G:\15404852\PW\GIS\EX-HBITS\2015-05-14_OV-DOS Corridor (11X17)_SH365 Pub Hearing.mxd

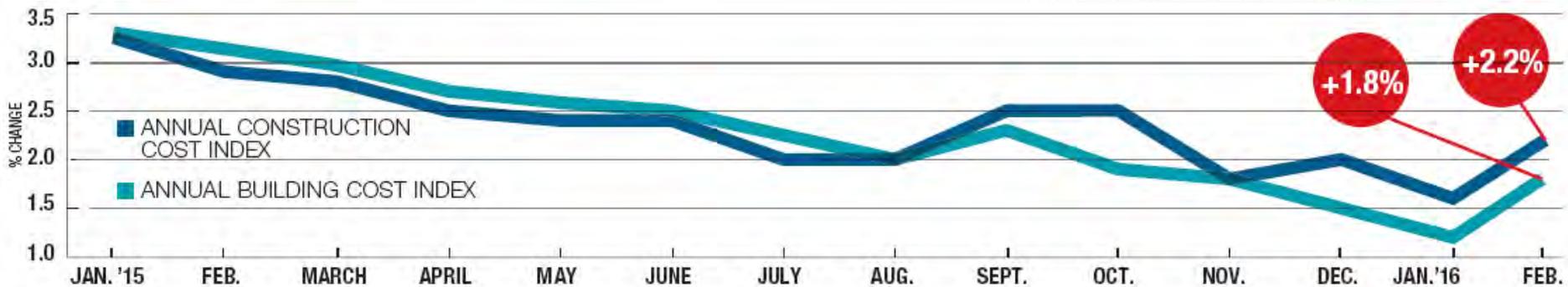
From 01/01/2016 – 01/29/2016

Total Permits Issued:	1,486
Total Amount Collected:	\$ 122,074
▪ Convenience Fees (CC):	\$ 3,194
▪ Total Permit Fees:	\$ 118,880
– Pro Miles:	\$ 4,458
– TxDOT:	\$ 101,048
– HCRMA:	\$ 13,374

Construction Cost Index (2010-2016) (as of Feb 2016)



Source: McGraw Hill Construction ENR



Construction Cost Trends: Asphalt Paving Prices

1. The 20-city average price for liquid asphalt has changed in 2016 as follows:

- Price climbed +0.4% in Feb 2016
- +1.5% between Feb 2015 to Feb 2016

20-CITY AVERAGE

ITEM	UNIT	\$PRICE	%MONTH	%YEAR
ASPHALT PAVING				
PG 58	TON	400.74	+0.4	-1.5
Cutback, MC800	TON	377.82	+0.1	-0.3
Emulsion, RAPID SET	TON	353.59	-0.2	-0.8
Emulsion, SLOW SET	TON	366.21	-0.1	-0.4

PORTLAND CEMENT

Type one	TON	114.74	+0.2	-1.8
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MASONRY CEMENT

70-lb	BAG	8.57	+0.3	-0.2
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CRUSHED STONE

Base course	TON	10.39	+0.1	+0.6
Concrete course	TON	10.71	+0.1	+6.0
Asphalt course	TON	11.08	-0.2	+0.1

SAND

Concrete	TON	9.21	0.0	-5.0
Masonry	TON	10.55	+0.1	-0.8

READY-MIX CONCRETE

3,000 psi	CY	108.91	0.0	+1.2
4,000 psi	CY	113.38	-0.1	+0.9
5,000 psi	CY	120.10	0.0	+0.7

CONCRETE BLOCK

Normal-weight: 8" x 8" x 16"	C	145.73	+0.7	+0.9
Lightweight: 8" x 8" x 16"	C	162.86	+0.6	-1.3
12" x 8" x 16"	C	174.97	+0.4	-2.8



Source: McGraw Hill Construction ENR

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Item 2A

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 2A </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 02/09/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 02/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **APPROVAL OF MINUTES FOR REGULAR MEETING HELD JANUARY 26, 2016.**
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Consideration and Approval of Minutes for the Hidalgo County Regional Mobility Authority Board of Directors Regular Meeting held January 26, 2016.
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
4. Budgeted: Yes No X N/A
5. Staff Recommendation: **Motion to approve the minutes for the Board of Director's Regular Meeting held January 26, 2016, as presented.**
6. Program Manager's Recommendation: Approved Disapproved X None
7. Planning Committee's Recommendation: Approved Disapproved X None
8. Board Attorney's Recommendation: X Approved Disapproved None
9. Chief Auditor's Recommendation: Approved Disapproved X None
10. Chief Financial Officer's Recommendation: Approved Disapproved X None
11. Construction Engineer's Recommendation: Approved Disapproved X None
12. Executive Director's Recommendation: X Approved Disapproved None

**STATE OF TEXAS
COUNTY OF HIDALGO
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY**

The Hidalgo County Regional Mobility Authority Board of Directors convened for a Workshop and Regular Meeting on **Tuesday, January 26, 2016**, at 5:30 pm at the Pharr City Hall, City Commission Chambers, 2nd Floor, 118 South Cage Boulevard, Pharr, Texas, with the following present:

Board Members:	Rance G. Sweeten, Chairman	HCRMA
	Josue Reyes, Vice-Chairman	HCRMA
	Ricardo Perez, Secretary/Treasurer	HCRMA
	David Guerra, Director	HCRMA
	Alonzo Cantu, Director	HCRMA
	Forrest Runnels, Director	HCRMA
	Julian Ybarra, Director	HCRMA

Staff:	Pilar Rodriguez, Executive Director	HCRMA
	Ramon Navarro IV, Construction Engineer	HCRMA
	Celia Gaona, Chief Auditor/Compliance Officer	HCRMA
	Jose Castillo, Chief Financial Officer	HCRMA
	Carlos Moreno, Acquisition Coordinator	HCRMA
	Sergio Mandujano, Construction Records Keeper	HCRMA
	Flor Koll, Program Administrator	HCRMA
	Blakely Fernandez, Legal Counsel	HCRMA
	Louis Jones, Program Manager	HCRMA

PLEDGE OF ALLEGIANCE

Chairman Sweeten led the Pledge of Allegiance.

INVOCATION

Mr. Navarro led the Invocation.

CALL TO ORDER FOR REGULAR MEETING AND ESTABLISH A QUORUM

Chairman Sweeten called the Regular Meeting to order at 5:30 pm.

Motion by David Guerra, with a second by Julian Ybarra, to enter into Executive Session to consult with the Board Attorney on legal issues pertaining to Items 6B under Section 551.071 of the Texas Government Code. Motion carried unanimously.

Chairman Sweeten recessed the meeting to enter into Executive Session at 5:31pm. Chairman Sweeten reconvened the Regular Meeting to enter in Workshop at 5:47 pm with no action taken on the item discussed in Executive Session.

CALL TO ORDER FOR WORKSHOP

Chairman Sweeten called the workshop to order at 5:47 pm.

1. Discussion regarding concrete pavement versus asphalt pavement for the State Highway 365 Segments 1 & 2 Project. *No Discussion.*
2. Discussion regarding fiber optic and wireless data networks for the Hidalgo County Loop System.
Pilar Rodriguez discussed the fiber optic and wireless data network options for the Hidalgo County Loop System. No Action Taken.

ADJOURNMENT FOR WORKSHOP

Chairman Sweeten reconvened the Regular Meeting at 5:52 pm.

PUBLIC COMMENT

Mayor Ambrosio Hernandez, City of Pharr, commented on his support for development of the International Bridge Trade Corridor Project.

1. REPORTS

- A. Report on Program Manager Activity for SH 365 and IBTC – Louis Jones, Dannenbaum Engineering.
Louis Jones and Eric Davila, Dannenbaum Engineering, reported on the progress to date for the SH 365 and IBTC Projects. No action taken.
- B. Report on Overweight/Oversized Vehicle Permits issued in 2015 – Pilar Rodriguez, HCRMA.
Pilar Rodriguez reported on Overweight/Oversized Vehicle permits issued in 2015. No action taken.

2. CONSENT AGENDA.

Motion by Josue Reyes, with a second by Rick Perez, to approve the Consent Agenda. Motion carried unanimously.

- A. Approval of Minutes for Regular Meeting held December 15, 2015 and Special Meeting held December 22, 2015.
Approved the Minutes for Regular Meeting held December 15, 2015 and Special Meeting held December 22, 2015 as presented.
- B. Approval of Project & General Expense Report for the period from December 5, 2015 to January 12, 2016.
Approved the Project & General Expense Report for the period from December 5, 2015 to January 12, 2016.
- C. Approval of Financial Report for December 2015.
Approved the Financial Report for December 2015 as presented.
- D. Resolution 2016-01 – Approval of Work Authorization Number 3 to the Professional Service Agreement with Melden & Hunt for Parcel 267 Metes & Bounds for the ETT Cross Valley Project as part of the International Bridge Trade Corridor Project.
Approved Resolution 2016-01 – Approval of Work Authorization Number 3 to the Professional Service Agreement with Melden & Hunt for Parcel 267 Metes & Bounds for the ETT Cross Valley Project as part of the International Bridge Trade Corridor Project.
- E. Resolution 2016-02 – Approval of Work Authorization Number 4 to the Professional Service Agreement with Melden & Hunt for Banco 141 Survey as part of the State Highway 365 Project.
Approved Resolution 2016-02 – Approval of Work Authorization Number 4 to the Professional Service Agreement with Melden & Hunt for Banco 141 Survey as part of the State Highway 365 Project.

- F. Resolution 2016-03 – Approval of Supplemental Number 3 to the Professional Service Agreement with Melden & Hunt to increase the maximum payable amount for Work Authorizations 3 & 4.
Approved Resolution 2016-03 – Approval of Supplemental Number 3 to the Professional Service Agreement with Melden & Hunt to increase the maximum payable amount for Work Authorizations 3 & 4.
- G. Resolution 2016-04 – Approval of Supplemental Number 2 to Work Authorization Number 2 to the Professional Service Agreement with R. Gutierrez Engineering to re-stake Right of Way for the US 281/Military Highway Overpass/BSIF Connector Project.
Approved Resolution 2016-04 – Approval of Supplemental Number 2 to Work Authorization Number 2 to the Professional Service Agreement with R. Gutierrez Engineering to re-stake Right of Way for the US 281/Military Highway Overpass/BSIF Connector Project.
- H. Resolution 2016-05 – Approval of Supplemental Number 6 to the Professional Service Agreement with R. Gutierrez Engineering to increase the maximum payable amount for Supplemental Number 2 to Work Authorization Number 2.
Approved Resolution 2016-05 – Approval of Supplemental Number 6 to the Professional Service Agreement with R. Gutierrez Engineering to increase the maximum payable amount for Supplemental Number 2 to Work Authorization Number 2.
- I. Resolution 2016-06 – Approval of Supplemental Number 6 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner to provide overweight concrete pavement analysis of ramps and frontage roads for the State Highway 365 Segments 1, 2 & 4 Project.
Approved Resolution 2016-06 – Approval of Supplemental Number 6 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner to provide overweight concrete pavement analysis of ramps and frontage roads for the State Highway 365 Segments 1, 2 & 4 Project.
- J. Resolution 2016-07 – Approval of Work Authorization Number 3 to the Professional Service Agreement with Raba Kistner to provide overweight concrete pavement analysis for the main lanes for the State Highway 365 Segments 1, 2 & 4 Project.
Approved Resolution 2016-07 – Approval of Work Authorization Number 3 to the Professional Service Agreement with Raba Kistner to provide overweight concrete pavement analysis for the main lanes for the State Highway 365 Segments 1, 2 & 4 Project.
- K. Resolution 2016-08 – Approval of Supplemental Number 4 to the Professional Service Agreement with Raba Kistner to increase the maximum payable amount for Supplemental Number 6 to Work Authorization Number 1 and Work Authorization Number 3.
Approved Resolution 2016-08 – Approval of Supplemental Number 4 to the Professional Service Agreement with Raba Kistner to increase the maximum payable amount for Supplemental Number 6 to Work Authorization Number 1 and Work Authorization Number 3.
- L. Resolution 2016-20 – Approval of Supplement Number 7 & 8 to the Professional Service Agreement with Atkins North America for a no-cost time extension to prepare the environmental clearance document for the State Highway 365 Project.
Approved Resolution 2016-20 – Approval of Supplement Number 7 & 8 to the Professional Service Agreement with Atkins North America for a no-cost time extension to prepare the environmental clearance document for the State Highway 365 Project.

3. REGULAR AGENDA

- A. Resolution 2016-09 – Approval of Work Authorization Number 1 to the Professional Service Agreement with Terracon to provide construction material testing services for the US 281/Military Highway Overpass/BSIF Connector Project.
Motion by Alonzo Cantu, with a second by Julian Ybarra, to approve Resolution 2016-09 – Approval of Work Authorization Number 1 to the Professional Service Agreement with Terracon to provide construction material testing services for the US 281/Military Highway Overpass/BSIF Connector Project for \$291,390.00. Motion carried unanimously.
- B. Resolution 2016-10 – Approval of Work Authorization Number 5 to the Professional Service Agreement with DOS Land Surveying for construction monument staking for State Highway 365 Segment 2 Project.
Motion by Forrest Runnels, with a second by David Guerra, to approve Resolution 2016-10 – Approval of Work Authorization Number 5 to the Professional Service Agreement with DOS Land Surveying for construction monument staking for State Highway 365 Segment 2 Project in the amount of \$46,663.78. Motion carried unanimously.
- C. Resolution 2016-11 – Approval of Supplemental Number 4 to the Professional Service Agreement with DOS Land Surveying to increase the maximum payable amount for Work Authorization Number 5.
Motion by David Guerra, with a second by Rick Perez, to approve Resolution 2016-11 – Approval of Supplemental Number 4 to the Professional Service Agreement with DOS Land Surveying to increase the maximum payable amount in the amount of \$46,663.78 for Work Authorization Number 5. Motion carried unanimously.
- D. Resolution 2016-12 – Approval of Work Authorization Number 3 to the Professional Service Agreement with Quintanilla, Headley & Associates for construction monument staking for State Highway 365 Segment 1 Project.
Motion by Rick Perez, with a second by Alonzo Cantu, to approve Resolution 2016-12 – Approval of Work Authorization Number 3 to the Professional Service Agreement with Quintanilla, Headley & Associates for construction monument staking for State Highway 365 Segment 1 Project in the amount of \$61,696.25. Motion carried unanimously.
- E. Resolution 2016-13 – Approval of Supplemental Number 4 to the Professional Service Agreement with Quintanilla, Headley & Associates to increase the maximum payable amount for Work Authorization Number 3.
Motion by Rick Perez, with a second by Julian Ybarra, to approve Resolution 2016-13 – Approval of Supplemental Number 4 to the Professional Service Agreement with Quintanilla, Headley & Associates to increase the maximum payable amount in the amount of \$61,696.25 for Work Authorization Number 3. Motion carried unanimously.
- F. Resolution 2016-14 – Authorization to complete and submit the environmental clearance document to the Texas Department of Transportation for the International Bridge Trade Corridor Project.
Motion by Julian Ybarra, with a second by Josue Reyes, to approve Resolution 2016-14 – Authorization to complete and submit the environmental clearance document to the Texas Department of Transportation for the International Bridge Trade Corridor Project. Motion carried unanimously.
- G. Resolution 2016-15 – Approval of concrete pavement as the base bid for the State Highway 365 Segment 1 & 2 Project.
Item not discussed. No Action Taken.

- H. Resolution 2016-16 – Approval of Supplemental Number 4 to Work Authorization Number 2 to the Professional Service Agreement with S&B Infrastructure to revise the Plans, Specifications and Estimates to include concrete pavement for the State Highway 365 Segment 1 Project.
Item not discussed. No Action Taken.
- I. Resolution 2016-17 – Approval of Supplemental Number 2 to the Professional Service Agreement with S&B Infrastructure to increase the maximum payable amount for Supplemental Number 3 to Work Authorization Number 3.
Item not discussed. No Action Taken.
- J. Resolution 2016-18 – Approval of Supplemental Number 3 to Work Authorization Number 2 to the Professional Service Agreement with L&G Engineering to revise the Plans, Specifications and Estimates to include concrete pavement for the State Highway 365 Segment 2 Project.
Item not discussed. No Action Taken.
- K. Resolution 2016-19 – Approval of terms and conditions for Texas Department of Transportation State Infrastructure Bank Loan in the amount of \$42 Million for the State Highway 365 Project; Authorizing Pilar Rodriguez, Executive Director, to act on behalf of the Hidalgo County Regional Mobility Authority in all matters relating to executing the loan.
Motion by David Guerra, with a second by Julian Ybarra, to approve Resolution 2016-19 – Approval of terms and conditions for Texas Department of Transportation State Infrastructure Bank Loan in the amount of \$42 Million for the State Highway 365 Project; Authorizing Pilar Rodriguez, Executive Director, to act on behalf of the Hidalgo County Regional Mobility Authority in all matters relating to executing the loan. Motion carried unanimously.

4. CHAIRMAN’S REPORT

- A. Report on the Texas Transportation Forum held January 5-6, 2016.
Chairman Sweeten reported on the Texas Transportation Forum held January 5-6, 2016.
- B. Report on the ground breaking for the US 281/Military Highway Overpass/BSIF Connector Project to be held February 2, 2016.
Chairman Sweeten reported on the ground breaking for the US 281/Military Highway Overpass/BSIF Connector Project to be held February 2, 2016.

5. TABLED ITEMS

- A. None

6. EXECUTIVE SESSION, CHAPTER 551, TEXAS GOVERNMENT CODE, SECTION 551.071 (CONSULTATION WITH ATTORNEY), SECTION 551.072 (DELIBERATION OF REAL PROPERTY) AND SECTION 551.074 (PERSONNEL MATTERS)

Motion by David Guerra, with a second by Julian Ybarra, to enter into Executive Session to consult with the Board Attorney on legal issues pertaining to Items 6B under Section 551.071 of the Texas Government Code. Motion carried unanimously.

- A. Consultation with Board Attorney on legal issues pertaining to the Project Development, Operation & Maintenance Agreement for State Highway 365 and Advance Funding Agreement for US 281/Military Highway Overpass Projects (Section 551.071 T.G.C.).
No action taken.

- B. Consultation with Board Attorney on legal issues pertaining to the deliberation of real property for the State Highway 365 and International Bridge Trade Corridor Projects (Sections 551.071 and 551.072 T.G.C.).
No action taken.
- C. Consultation with Board Attorney on legal issues pertaining to Early Right of Way Acquisition and environmental clearance process for the State Highway 365 and International Bridge Trade Corridor Projects (Section 551.071 T.G.C.).
No action taken.
- D. Consultation with Board Attorney on legal issues pertaining to the use of Eminent Domain to acquire property required to complete the project alignments of the State Highway 365 and the International Bridge Trade Corridor Projects (Sections 551.071 and 551.072 T.G.C.).
No action taken.
- E. Consultation with Board Attorney on legal issues pertaining to the proposed South Texas Class I Rail Project (Section 551.071 T.G.C.).
No action taken.

ADJOURNMENT

There being no other business to come before the Board of Directors, the meeting was adjourned at 6:12 pm.

Rance G. Sweeten, Chairman

Attest:

Ricardo Perez, Secretary/Treasurer

Item 2B

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 2B </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 02/09/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 02/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **APPROVAL OF PROJECT AND GENERAL EXPENSE REPORT FROM JANUARY 13, 2016 THROUGH FEBRUARY 8, 2016**

2. Nature of Request: (Brief Overview) Attachments: Yes No

Consideration and approval of project and general expense report for the period from January 13, 2016 to February 8, 2016.

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: Yes No N/A Funding Source: VRF Bond

General Account	\$ 71,079.96
VRF Bond Account	\$ 456,998.72
R.O.W Services	\$ 873,312.38
Total Project Expenses for Reporting Period	\$1,401,391.06
Fund Balance after Expenses	\$ 19,415,301

5. Staff Recommendation: **Motion to approve the project and general expense report for the period from January 13, 2016 to February 8, 2016 as presented.**

6. Program Manager's Recommendation: Approved Disapproved None

7. Planning Committee's Recommendation: Approved Disapproved None

8. Board Attorney's Recommendation: Approved Disapproved None

9. Chief Auditor's Recommendation: Approved Disapproved None

10. Chief Financial Officer's Recommendation: Approved Disapproved None

11. Construction Engineer's Recommendation: Approved Disapproved None

12. Executive Director's Recommendation: Approved Disapproved None



HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

Memorandum

To: Rance G. Sweeten, Chairman
From: Pilar Rodriguez, PE, Executive Director
Date: February 9, 2016
Re: **Expense Report for the Period from January 13, 2016 to February 9, 2016**

Attached is the expense report for the period commencing on January 13, 2016 and ending on February 9, 2016.

Expenses for the General Account total \$71,079.96, the VRF Bond Account total \$456,998.72, and for the ROW Services total \$873,312.38. The aggregate expense for the reporting period is \$1,401,391.06.

Based on review by this office, **approval of expenses for the reporting period is recommended in the aggregate amount of \$1,401,391.06.**

This leaves a fund balance (all funds) after expenses of \$19,415,301.

If you should have any questions or require additional information, please advise.



Expense Report

FEBRUARY 2016

Plains Capital 41

	Make Check Payable to	Date	Memo:	Date Work Performed	Amount	Ck #
Wages & Benefits	52900-1000 City of Pharr	1/26/2016	Payroll 1/8/16-1/22/16 817904149001;817904375001;817937116001;8	1/18/16-1/22/16	\$ 55,831.57	ACH
Office Supplies	52900-1100 Office Depot	1/13/2016	19470495001	1/13 & 1/21	\$ 226.58	
	52900-1100 EngravingAwardsGifts.com	1/27/2016	343680	1/27/16	\$ 1,513.60	
Printing & Publications	52900-1662 CopyZone	1/26/2016	7028850	1/26/16	\$ 565.00	
Telephone	52900-1606 Verizon Wireless	2/1/2016	9759757079	January 2016	\$ 81.60	ACH
Postage/Courier	52900-1611 A Fast Delivery	1/30/2016	201600213;2016000360	1/15/16-1/29/16	\$ 145.00	
Travel & Training	52900-1600 Rance Sweeten	2/8/2016	Travel - TxDOT Mtg	1/27/2016	\$ 434.41	
Rental Contractual	52900-1715 City of Pharr	2/1/2016	HC020116	February 2016	\$ 1,969.60	ACH
	52900-1715-1 Dahill	1/19/2016	31577681-28	1/22/16-2/21/16	\$ 905.35	
	52900-1715-1 Dahill	11/16/2015	IN514613	11/2/14-11/1/15	\$ 3,503.18	
Professional Services	52900-1710 Bracewell & Giuliani	2/5/2016	21640525	January 2016	\$ 978.86	ACH
	52900-1716 Pena Designs	1/29/2016	43	January 2016	\$ 200.00	ACH
	52900-1705 Salinas Allen Schmitt	1/19/2016	116218	Nov/Dec 2015	\$ 1,700.00	
	See attach. Credit Card Services	2/3/2016	3602	1/4/16-2/3/16	\$ 270.54	ACH
	See attach. Credit Card Services	2/3/2016	3650	1/4/16-2/3/16	\$ 2,754.67	ACH
					\$ 71,079.96	

Wilmington Trust 43

Construction Bond

Engineering Services	52900-8810-1 Dos Logistics Surveying (DLS)	2/3/2016	Inv 20	1/1/16-1/31/16	\$ 14,839.69	ACH
	52900-8810-1 Dos Logistics Surveying (DLS)	2/11/2016	Inv 18	11/1/15-12/31/15	\$ 19,993.97	ACH
	52900-8810-1 Raba Kistner	2/3/2016	R026085	8/3/15-2/2/16	\$ 10,835.71	ACH
	52983-8810-2 S&B	2/3/2015	Inv 19 - WA 2	1/1/16-1/31/16	\$ 159,268.83	ACH
Environmental	52900-8810 Atkins	2/3/2016	1831019	1/4/16-1/31/16	\$ 6,364.55	ACH
Program Management	52900-8800 Dannenbaum	2/8/2016	4652-01/51/XV	January 2016	\$ 159,687.99	ACH
Legal Services	52900-8710 Bracewell & Giuliani	2/5/2016	21640526	January 2016	\$ 38,433.65	ACH
Acquisition Services	52900-8810-2 Sendero Acquisitions	1/31/2016	1312016SH365	January 2016	\$ 26,170.00	ACH
	52900-8820-2 Sendero Acquisitions	1/31/2016	1312016IBTC	January 2016	\$ 9,180.00	ACH
R.O.W. Services	52900-8820-3 City of Donna	12/16/2015	R1377-01-000-0102-00	2015	\$ 1,150.08	ACH
	52900-8820-3 HLH Appraisal Services	2/3/2016	Inv 17 & 18	January 2016	\$ 1,425.00	ACH
	52900-8810-3 Leonel Garza Jr. & Associates	11/23/2015	2930	November 2015	\$ 5,000.00	ACH
	52900-8820-3 R.L. Abatement, Inc	2/4/2016	16-1761	January 2016	\$ 2,600.00	ACH
	52900-8820-3 Top Cut Lawn Care, Inc.	1/15/2016	56649; 56650	December 2015	\$ 2,049.25	ACH
					\$ 456,998.72	

	Payee	Date paid	Requisition	Project	Amount	
	52900-8750 Info Tech	1/6/2016	2016-01 Projects	US281 - SH365 Seg 3	\$ 22,400.00	
	52900-8750 Info Tech	1/14/2016	2016-02 Projects	US281 - SH365 Seg 3	\$ 1,200.00	
R.O.W.						
	52900-8810-3 Sierra	1/7/2016	2016-01 ROW	SH365	\$ 120,785.00	
	52900-8820-3 Ditech Financial	1/19/2016	2016-02 ROW	IBTC	\$ 8,004.38	
	52900-8810-3 Sierra	1/22/2016	2016-03 ROW	SH365	\$ 14,000.00	
	52900-8810-3 Sierra	1/27/2016	2016-04 ROW	SH365	\$ 3,000.00	
	52900-8810-3 Sierra	2/1/2016	2016-05 ROW	SH365	\$ 318,521.00	
	52900-8820-3 Sierra	2/1/2016	2016-05 ROW	IBTC	\$ 366,734.00	\$ 685,255.00
	52900-8820-3 Sierra	2/1/2016	2016-06 ROW	IBTC	\$ 38,152.00	
	52900-8810-3 Sierra	2/5/2016	2016-05 ROW	SH365	\$ 4,116.00	
					\$ 873,312.38	

Sub Total - General	\$	71,079.96
Sub Total - Projects	\$	456,998.72
Sub Total - R.O.W.	\$	873,312.38

Total \$ 1,401,391.06

Recommend Approval/Pilar Rodriguez, Executive Director

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

Date Approved



INVOICE

City of Pharr, Texas
 Attn: Lizette Gomez, Treasury Coordinator

DATE: JANUARY 26, 2016

P.O. Box 1729
 Pharr, Texas 78577
 Phone 956-402-4150 ext. 1908
 Fax 956-702-5318

TO HCRMA
 Attn: Pilar Rodriguez, Executive Director
 118 S. Cage Blvd., 4th Floor
 Pharr, TX 78577
 (956)607-8330

CONTACT PERSON	PAST DUE	CURRENT	AMOUNT TO PAY	DUE DATE	INVOICE NUMBER
Lizette Gomez		\$ 55,831.57	\$ 55,831.57	2/28/16	HC012616

QTY	ITEM #	DESCRIPTION	UNIT PRICE	DISCOUNT	LINE TOTAL	
		PAYROLL JANUARY 2016				
		PAYDATES: 1/8/16 & 1/22/16				
		GROSS SALARIES			\$ 45,848.01 ✓	
		SS FICA			\$ 2,768.64 ✓	
		MC FICA			\$ 647.48 ✓	
		BLUE CROSS BLUE SHIELD			\$ 2,518.78 ✓	
		EAP			\$ 7.90 ✓	
		LIFE INSURANCE			\$ 21.30 ✓	
		TMRS			\$ 3,044.46 ✓	
13		PROCESSING FEE	75.00		\$ 975.00 ✓	
TOTAL DISCOUNT				0.00	0.00	
					SUBTOTAL	\$ 55,831.57
					SALES TAX	0.00
					TOTAL	\$ 55,831.57

Make all checks payable to: City of Pharr

THANK YOU!



EngravingAwardsGifts.com
 42 Franklin Street
 Laconia, NH 03246
 (603) 524-4399 (800) 203-9588
 FAX (603) 524-1153
 Email: sales@EngravingAwardsGifts.com

Invoice #: 343680

Invoice Date:	1/27/2016
Contact:	Flor E. Koll
Phone:	956-402-4762
Alt. Phone	
Fax:	
E-mail:	fkoll@herma.net

BILL TO:

Hidalgo County Regional Mobility Auth.
 Attn: Ramon Navarro
 PO Box 1766
 Pharr, TX 78577

SHIP TO:

Hidalgo County Regional Mobility Auth.
 Attn: Flor E. Koll
 118 S. Cage Blvd., 4th Floor
 Pharr, TX 78577

S.O. #	P.O. #	Rep	Shipping	Cust Ship ID	In-Hands Date	Ship Date
343058	2015-029	JLP	See Below		01/29/16	01/22/16

Item Code	Description	Qty	Price	Amount
5010134	Ceremonial Shovel, 5-1/4" Custom Cast - Antique Gold Finish EXACT QUANTITY	100	5.38	538.00
5150276	Ceremonial Shovel, Mold Set-Up Charge [Spade][RECESSED COPY]	1	40.00	40.00
5150276	Ceremonial Shovel, Additional Mold Set-Up Charge [Shaft][RECESSED COPY]	1	30.00	30.00
5010074	Ceremonial Shovel, Award, Black Base, Bright Gold Finish Shovel EXACT QUANTITY	35	14.98	524.30
5150276	Ceremonial Shovel, Printed Copy on Base [Gold]	1	40.00	40.00
5950030	Graphic Design Services - Vector Supplied Artwork/Layout 1 Hour, Proof & 1 Revision	1	50.00	50.00
8350005	Expedited Production Service, Ceremonial Shovel - 5-9 Days	1	216.30	216.30
	Subtotal			1,438.60
0010025	Alternative Payment Method Convenience Charge Orders over \$1,000 are subject to an Alternative Payment Method Convenience Charge of 2.5% on Visa, MasterCard and Discover and 3.5% on American Express.	1	0.00	0.00
9003007	UPS Ground [5 Days]	1		0.00
9000007	SHIPPING & HANDLING (S&H): S&H charges are unknown until the product is shipped. Factors impacting S&H charges are the delivery service selected, shipment size, weight and distance (e.g. costing more are premium delivery services, bulky/heavy items, overseas shipments). Using your shipping # is acceptable and is encouraged on overseas shipments. Our minimum S&H charge is \$15.00 per package and S&H charges may be billed on a separate invoice. We are not responsible for delivery exceptions resulting from the shipping carrier or customer.	1	75.00	75.00
0001003	Thank you for your business! Jamie Pelletier	1		0.00
0010030	Customer's Tax Exempt Identification Number [32054894806] S1/22 1Z0619080350542445 & 1Z0619080349881831-LJ	1		0.00

Notes:	Total	\$1,513.60
	Payments/Credits	\$0.00
CASH - CHECK - C.C. - A/R DATE: _____ INITIALS: _____		Balance Due
		\$1,513.60

THANK YOU - WE VALUE YOUR BUSINESS

If Balance due, please pay within 15 days.

STATEMENT p. 1

REMITTANCE p. 1

COPYZONE
 4131 North 10th Street
 McAllen, Texas 78504
 (956) 668.9600

Date : 2/2/16
 Acct # : 015022
 Phone : 402.4762
 Ext. :
 Terms : CASH/CC/CHK

Date : 2/2/16
 Acct # : 015022
 Phone : 402.4762
 Ext. :
 Terms : CASH/CC/CHK

To:
 HCRMA Hidalgo County Regional
 Mobility Authority
 P.O. Box 1766
 Pharr, TX 78577

From:
 HCRMA Hidalgo County Regional
 Mobility Authority
 P.O. Box 1766
 Pharr, TX 78577

Date	Reference	Sales	Payments	Balance	Reference	Balance	Pay
01/30/2016	PO:Celia G. 7028850	565.00	0.00	565.00	PO:Celia G. 7028850	565.00	

Thank you for your business!
 Invoices are payable net 30 days.
 DROP BY AND SEE SOME OF OUR BEAUTIFUL
 WIDE FORMAT DIGITAL COLOR IMAGES!!!

Balance: 565.00
 Amt Remitted
 Check #:

Notes:

Current	30 Days	60 Days	90+ Days	Balance
565.00	0.00	0.00	0.00	565.00

Inv #2016000213

INVOICE

1/19/2016

A-FAST DELIVERY, LLC
P.O. Box 530402
Harlingen, TX 78553
Phone: (956) 425-7333
Fax: (956) 425-3075
Tax I.D. 27-1584703

RATE INCREASE AS OF 02/01/2016. FEEL FREE TO CALL FOR NEW RATES.

HCRMA
118 S CAGE
PHARR, TX 78577

This Invoice includes Completed Jobs delivered on or before 1/15/2016.

ITEMIZED LISTING

JobNumber	Priority	Legs	Drop Date	Requestor	Reference	Amount Due
2016001098	REGULAR		1/15/2016	TS/GEORGIA		\$8.25
From:	SALINAS ALLEN & SCHMITT - 2300 W.PIKE BLVD STE 201 - WESLACO, TX 78596					
To:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
Released:	1/15/2016 9:22 am		Dropped Off:	1/15/2016 10:44 am		

Number of Jobs: 1	Total Charges:	\$8.25
	Total Credits:	\$0.00
	Amount Due:	\$8.25

A-FAST DELIVERY, LLC
 P.O. Box 530402
 Harlingen, TX 78553
 Phone: (956) 425-7333
 Fax: (956) 425-3075
 Tax I.D. 27-1584703

RATE INCREASE AS OF 02/01/2016. FEEL FREE TO CALL FOR NEW RATES.

HCRMA
 118 S CAGE
 PHARR, TX 78577

This Invoice includes Completed Jobs delivered on or before 1/29/2016.

ITEMIZED LISTING

JobNumber	Priority	Legs	Drop Date	Requestor	Reference	Amount Due
2016001610	REGULAR		1/21/2016	SG/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	EIA PROPERTIES - 506 E CANTON - EDINBURG, TX					
Released:	1/21/2016 1:00 pm		Dropped Off:	1/21/2016 2:20 pm		
2016001611	REGULAR		1/21/2016	SG/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	HIDALGO CO JUDGE RAMON GARCIA - 100 E CANO STE 201 - EDINBURG, TX 78539					
Released:	1/21/2016 1:00 pm		Dropped Off:	1/21/2016 2:28 pm		
2016001612	REGULAR		1/21/2016	SG/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	HIDALGO CO PCT4 JOSEPH PALACIO - 1051 N DOOLITTLE - EDINBURG, TX					
Released:	1/21/2016 1:00 pm		Dropped Off:	1/21/2016 2:55 pm		
2016001613	REGULAR		1/21/2016	SG/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	CANTU CONSTRUCTION - 5221 N MCCOLL - MCALLEN, TX					
Released:	1/21/2016 1:00 pm		Dropped Off:	1/21/2016 1:50 pm		
2016001614	REGULAR		1/21/2016	SG/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	IBC BANK - 1 S BROADWAY - MCALLEN, TX 78501					
Released:	1/21/2016 1:00 pm		Dropped Off:	1/21/2016 1:14 pm		
2016001615	REGULAR		1/21/2016	SG/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	DANNEN BAUM ENGINEERING - 1109 NOLANA LOOP STE 208 - MCALLEN, TX 78501					
Released:	1/21/2016 1:00 pm		Dropped Off:	1/21/2016 1:38 pm		
2016001616	REGULAR		1/21/2016	SG/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	LONG CHILTON - 4100 N. 23RD - MCALLEN, TX 78501					
Released:	1/21/2016 1:00 pm		Dropped Off:	1/21/2016 1:30 pm		
2016001617	REGULAR		1/21/2016	SG/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	TEXAS DEPT OF TRANSPORTATION - 600 W EXPWY 83 - PHARR, TX 78577					
Released:	1/21/2016 1:00 pm		Dropped Off:	1/21/2016 1:05 pm		
2016001618	REGULAR		1/21/2016	SG/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	HIDALGO CO PCT EDDIE CANTU - 300 W HALL ACRES - PHARR, TX					
Released:	1/21/2016 1:00 pm		Dropped Off:	1/21/2016 12:44 pm		

JobNumber	Priority	Legs	Drop Date	Requestor	Reference	Amount Due
2016001619	REGULAR		1/21/2016	SG/FLOR		\$7.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	JULIAN YBARRA JR - 2800 SANTA ANA - CODE FOR GATE 6890 - MISSION, TX					
Released:	1/21/2016 1:00 pm		Dropped Off: 1/21/2016 12:50 pm			
2016001620	REGULAR		1/21/2016	SG/FLOR		\$7.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	HIDALGO CO PCT 3 - 730 N BREYFOGAL STE B - MISSION, TX					
Released:	1/21/2016 1:00 pm		Dropped Off: 1/21/2016 1:04 pm			
2016001621	REGULAR		1/21/2016	SG/FLOR		\$7.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	RIO BANK - 401 N BENTSEN PALM DRIVE - MISSION, TX					
Released:	1/21/2016 1:00 pm		Dropped Off: 1/21/2016 1:10 pm			
2016001622	REGULAR		1/21/2016	SG/FLOR		\$8.25
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	HIDALGO CO PCT 1 - 1902 JOE STEPHENS - A C CUELLAR - WESLACO, TX 78596					
Released:	1/21/2016 1:00 pm		Dropped Off: 1/21/2016 2:17 pm			
2016002337	REGULAR		1/29/2016	TS/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	EIA PROPERTIES - 506 E CANTON - EDINBURG, TX					
Released:	1/29/2016 9:35 am		Dropped Off: 1/29/2016 1:50 pm			
2016002338	REGULAR		1/29/2016	TS/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	CANTU CONSTRUCTION - 5221 N MCCOLL - MCALLEN, TX					
Released:	1/29/2016 9:35 am		Dropped Off: 1/29/2016 12:39 pm			
2016002339	REGULAR		1/29/2016	TS/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	IBC BANK - 1 S BROADWAY - MCALLEN, TX 78501					
Released:	1/29/2016 9:35 am		Dropped Off: 1/29/2016 11:20 am			
2016002340	REGULAR		1/29/2016	TS/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	DANNEN BAUM ENGINEERING - 1109 NOLANA LOOP STE 208 - MCALLEN, TX 78501					
Released:	1/29/2016 9:36 am		Dropped Off: 1/29/2016 12:18 pm			
2016002341	REGULAR		1/29/2016	TS/FLOR		\$6.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	LONG CHILTON - 4100 N. 23RD - MCALLEN, TX 78501					
Released:	1/29/2016 9:36 am		Dropped Off: 1/29/2016 12:20 pm			
2016002342	REGULAR		1/29/2016	TS/FLOR		\$7.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	JULIAN YBARRA JR - 2800 SANTA ANA - CODE FOR GATE 6890 - MISSION, TX					
Released:	1/29/2016 9:36 am		Dropped Off: 1/29/2016 1:20 pm			
2016002343	REGULAR		1/29/2016	TS/FLOR		\$7.50
From:	HCRMA - 118 S CAGE 4TH FLOOR - PHARR, TX					
To:	RIO BANK - 401 N BENTSEN PALM DRIVE - MISSION, TX					
Released:	1/29/2016 9:36 am		Dropped Off: 1/29/2016 1:48 pm			

Number of Jobs: 20

Total Charges: \$136.75
 Total Credits: \$0.00
 Amount Due: \$136.75

**HCRMA
TRAVEL EXPENSE - FINAL CLAIM**

For auditing purposes, receipts for all expenses must be submitted and attached to final claim form.

Employee: Rance Sweeten Empl. #: Chairman

Reason for Expense:		Dates: <u>1/27/16-1/28/16</u>
1. Seminar _____	5. Meeting <u> x </u>	City: <u>Austin</u>
2. Conference-Consultation _____	6. Special Hearing _____	Hotel: <u>Hyatt Place Downtown</u>
3. Convention _____	7. Other - _____	Phone: <u>(512) 476-4440</u>
4. Short School _____		
Briefly describe purpose: <u>Texas Transportation Commission Meeting</u>		

I. TRANSPORTATION:	Mark if	Check if paid with <input type="checkbox"/> Card
(A) *HCRMA Vehicle Unit No. _____	Cash:	
* Personal Vehicle: <u>https://www.mapquest.com</u>	<u>622.34</u> Miles @ <u>0.540</u> /mile	\$ 336.06 <input checked="" type="checkbox"/>
(B) *Airline Ticket _____		
(C) *Bus Fare _____		
(D) *Taxi Fare _____		
(E) *Car Rental _____		
(F) *Other <u>Parking</u>		\$ 35.72 <input checked="" type="checkbox"/>

TOTAL TRANSPORTATION	\$371.78
-----------------------------	-----------------

II. LODGING, MEALS, TIPS, AND TAXES:		
(A) * Hotel Accommodations - Single/Double for <u>1</u> Night(s) @ \$ <u>159.00</u>	\$ 159.00	<input checked="" type="checkbox"/>
(B) * Meals: <u>5.00</u> meals @ <u>\$19.67</u> per meal <u>http://www.gsa.gov/portal/category/100120</u>	\$ 98.35	<input type="checkbox"/>
(C) *Other _____ % taxes - hotel occupancy _____	\$ 24.81	<input checked="" type="checkbox"/>

TOTAL LODGING, MEALS, AND OTHER	\$282.16
--	-----------------

III. INCIDENTAL EXPENSES:		
(A) *Registration Fees _____	\$0.00	<input checked="" type="checkbox"/>
(B) *Other _____		<input type="checkbox"/>

TOTAL INCIDENTAL EXPENSES	\$0.00
----------------------------------	---------------

IV. BUDGETED ITEMS:

Total Cost of Final Travel	<u>\$653.94</u>
Less: Paid by HCRMA	<u>\$219.53</u>

Submitted By: Flor E. Koll for Rance Sweeten

Amount Due Employee \$434.41

Date: _____

Note: _____

Approvals: 

Executive Director

Charge Account Number: 16600.000 for \$434.41

Charge Account Number: _____ for _____

Date: 2/9/2016

Departure:

Date	Time
01/26/15	11:00 AM

Arrival:

Date	Time
01/27/16	5:30 PM



INVOICE

City of Pharr, Texas
Attn: Lizette Gomez, Treasury Coordinator

DATE: FEBRUARY 1, 2016

P.O. Box 1729
Pharr, Texas 78577
Phone 956-402-4150 ext. 1908
Fax 956-702-5318

TO HCRMA
Attn: Pilar Rodriguez, Executive Director
118 S. Cage Blvd., 4th Floor
Pharr, TX 78577
(956)607-8330

CONTACT PERSON	PAST DUE	CURRENT	AMOUNT TO PAY	DUE DATE	INVOICE NUMBER
Lizette Gomez		\$ 1,969.60	\$ 1,969.60	2/15/16	HC020116

QTY	ITEM #	DESCRIPTION	UNIT PRICE	DISCOUNT	LINE TOTAL
		Rent-February	\$ 1,969.60		\$1,969.60
TOTAL DISCOUNT				0.00	0.00
				SUBTOTAL	\$ 1,969.60
				SALES TAX	0.00
				TOTAL	\$ 1,969.60

Make all checks payable to: City of Pharr

THANK YOU!

DAHILL INVOICE

Schedule Number: 472

Invoice Date: 1/19/2016

Due Date: 3/15/2016

Invoice Number: 31577681 - 28

Bill To:	Remit To:	Total Amount Due:
Hidalgo County Regional Mobility Authority Accounts Payable 118 S. Cage Blvd. Pharr, TX 78577	Dahill Attn: Copier Program Division PO Box 69 Manhattan, KS 66505-0069 Phone: 1-877-291-7786 Supplies Phone: 1-800-413-3526 ext 10606	\$905.35 Tax ID# 58-2481442

Equipment Installed At	Lease Term	PO Number
118 S. Cage Blvd, Pharr, TX 78577	48 (In Months)	N/A

Lease Description:	Payment Number: 28 of 48	Payment Descriptio
--------------------	--------------------------	--------------------

Payment Covers Period of:	Lease Amount	Total Payment Due:
1/22/2016 — 2/21/2016	\$905.35	\$905.35

Copier information:	installDate:
	10/22/2013

Serial Number	Model Number	Copier Location
XPN547768	Xerox XC570	

Total Payment Due: \$905.35

Remit Payments to:

Dahill Attn: Copier Program Division PO Box 69 Manhattan, KS 66505-0069

THANK YOU FOR YOUR PROMPT PAYMENT



Billing Inquiries: customerservice@dahill.com
 Fax Meter Submission: (210) 805-9783
 www.dahill.com

CONTRACT INVOICE

Remit Payment to:
 P.O. Box 205354 Dallas, TX 75320-5354
 P: 1-800-413-3526 F: 210-805-0122

Invoice Number: IN514613
 Invoice Date: 11/16/2015

Floor

Bill To: CITY OF PHARR
 ACCOUNTS PAYABLE
 118 S CAGE
 PHARR, TX 78577

Customer: CITY OF PHARR
 118 S CAGE
 PHARR, TX 78577

Account No	Payment Terms	Due Date	Invoice Total	Balance Due	
PC23:201886	Customer Net 10	11/26/2015	\$3,503.18	\$3,503.18	
Contract Number	Contact	Contract Amount	P.O. Number	Start Date	Exp. Date
CN15013-01	ESTHER 956-702-5300	\$3,503.18		11/02/2013	11/01/2017
Remarks					

Summary:

Contract base rate charge for this billing period	\$0.00 *
Contract overage charge for the 11/02/2014 to 11/01/2015 overage period	\$3,503.18 **
*Sum of equipment base charges **See overage details below	\$3,503.18

Detail:

Equipment included under this contract

XER/XC570

Number	Serial Number	Base Charge	Location
G8242	XPN547768	\$0.00	CITY OF PHARR 118 S CAGE PHARR, TX 78577 HCRMA

Meter Type	Meter Group	Begin Meter	End Meter	Credits	Total	Covered	Billable	Rate	Overage
BLK	BLK-G8242-0	105,149	105,149		0	22,800	0	\$0.007000	\$0.00
CLR	CLR-G8242-0	20,519	168,675		148,156	72,000	76,156	\$0.046000	\$3,503.18
									\$3,503.18

Invoice SubTotal	\$3,503.18
Tax:	\$0.00
Invoice Total	\$3,503.18
Balance Due:	\$3,503.18



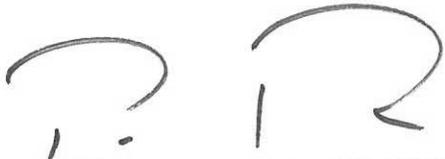
HCRMA

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

REQUEST FOR RECOMMENDATION ON PAYMENT

To: Pilar Rodriguez

Month and Year	January 2016	
Contractor	Bracewell	
Project/WA	HCRMA	
Invoice #	21640525	Date: 2/5/2016
Amount	\$ 978.86	
Date Received	2/11/2016	

Recommendation:	<u>7.2</u> Approval	_____ Disapproval
Comments:		
		
_____ Pilar Rodriguez, Executive Director	<u>2/11/2016</u>	_____ Date

Bracewell LLP
ATTORNEYS AT LAW

P. O. Box 848566
Dallas, TX 75284-8566
713 223-2300
TAX ID 74-1024827

Remittance Page

February 5, 2016
035858
INVOICE NO: 21640525
04996

Client: Hidalgo County Regional Mobility Authority HCRMA
Matter: General Counsel - Administrative
Matter No: 035858.000003

Please Remit Total Balance Due

\$ 978.86

Please Return this Remittance Page with Your Payment

Pay ↑

WIRE TRANSFER INFORMATION

Wire to: Bank of America, 901 Main Street, Dallas, Texas
Name on Account: Bracewell & Giuliani LLP
Bank Account No: 001390004197
ABA Number (For **Wire Transfers Only**): 026009593; (For **ACH'S Only**): 111000025
For International Wires Also Include:
Swift Code (**U.S. Funds**): **BOFAUS3N**; Swift Code (**Foreign Funds**): **BOFAUS6S**
Please include the invoice number as a reference when sending the wire.

P. R.
2/11/2016

Bracewell LLP
ATTORNEYS AT LAW

P. O. Box 848566
Dallas, TX 75284-8566
713 223-2300
TAX ID 74-1024827

Hidalgo County Regional Mobility Authority HCRMA
Pilar Rodriguez
118 S. Cage Blvd, 4th Floor
Pharr, Texas 78577

February 5, 2016
Invoice: 21640525
B/A: 04996

Our Matter #: 035858.000003 For Services Through January 31, 2016
General Counsel - Administrative

		Hours	Rate/Hr	Amount
01/26/16	Prepare for and attend board meeting	1.00	350.00	350.00
	Blakely Fernandez			
		<u>Hours</u>	<u>Rate/Hr</u>	<u>Amount</u>
	Blakely Fernandez	1.00	350.00	350.00
	Total	1.00	350.00	350.00

Total Fees for Professional Services **\$ 350.00**

Costs

Travel Expenditures

		Amount
01/13/16	Travel Expenditures : 12/22/15 - Mileage Blakely Fernandez Travel to/from Pharr for Special Board meeting 010010748025	324.30
01/29/16	Travel Expenditures : 01/26/16 - Mileage Blakely Fernandez Travel to and from Pharr for Board Meeting 010011019953	304.56
	<i>Total: Travel Expenditures</i>	<i>628.86</i>

Fees for Professional Services\$ 350.00

Costs628.86

Total Current Billing for this Matter **\$ 978.86**



ID: 108066

Hidalgo County Regional Mobility Authority

P. O. Box 1766

Pharr, TX 78577

Invoice: 116218

Date: 01/19/2016

Due Date: 01/26/2016

For professional service rendered as follows:

Monthly Bookkeeping for the month of November, 2015 - December, 2015. 1,700.00

Billed Time & Expenses \$1,700.00

Invoice Total \$1,700.00

Please include your Client ID with your payment. Thank you.

Unpaid balances will be subject to a late payment charge of .5% per month (or at least 6% per year)

It has been said that the highest compliment you can pay any business is through client referrals. As our client, the trust you place in us is emphasized when you call us with a client referral. We welcome your referrals and treat them with extra care knowing they come directly from you. Be assured that all accounts are maintained in strict confidence. We look forward to serving your referrals.

...providing support & solutions to problems

2300 WEST PIKE, SUITE 201 • P.O. BOX 8368 • WESLACO, TX 78599-8368 • 956-968-2108 • FAX 956-968-9231

www.sasllcpa.com

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
2016 PAYMENT SUMMARY

PlainsCapital Bank - Master Card
Authorized cardholder - Celia Gaona
Account ##### ##### 3602

Credit Card Statement

Closing Date	2/3/2016	Total Paid to Date	\$270.54
Monthly Billing	\$270.54		\$270.54

Amount Approved for Payment



2/9/2016
Date

Approved for Payment
Pilar Rodriguez
Executive Director



Billing Questions:
800-367-7576

Website:
www.cardaccount.net

Send Billing Inquiries To:
Card Service Center, PO Box 569120, Dallas, TX 75356

PLAINSCAPITAL BANK Credit Card Account Statement
January 4, 2016 to February 3, 2016

SUMMARY OF ACCOUNT ACTIVITY

Previous Balance	\$140.00
- Payments	\$140.00
- Other Credits	\$0.00
+ Purchases	\$270.54
+ Cash Advances	\$0.00
+ Fees Charged	\$0.00
+ Interest Charged	\$0.00
= New Balance	\$270.54
Account Number	XXXX XXXX XXXX 3602
Credit Limit	\$3,000.00
Available Credit	\$2,729.00
Statement Closing Date	February 3, 2016
Days in Billing Cycle	31

PAYMENT INFORMATION

New Balance: \$270.54
Minimum Payment Due: \$25.00
Payment Due Date: **February 28, 2016**

Handwritten: Pay → (circled \$270.54)
P.R.
2/4/2016

TRANSACTIONS

An amount followed by a minus sign (-) is a credit unless otherwise indicated.

Tran Date	Post Date	Reference Number	Transaction Description	Amount
01/27	01/27	F112700DB00CHGDDA	AUTOMATIC PAYMENT - THANK YOU	\$140.00-
01/22	01/25	0543684D72X7D72LZ	OFFICE DEPOT #161 MCALLEN TX	\$49.99 ✓
01/27	01/28	5543286DQ00FN3Q	MICHAELS STORES 2865 MCALLEN TX	\$182.00 ✓
01/28	01/29	0541019DQQ5FRTKXB	USPS 48702500834822486 PHARR TX	\$38.55 ✓

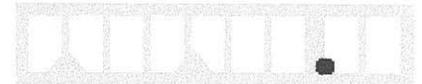
PLAINSCAPITAL BANK
1550 N BROWN RD 150
LAWRENCEVILLE GA 30043

CARD SERVICE CENTER

Account Number: XXXX XXXX XXXX 3602
New Balance: \$270.54
Minimum Payment Due: \$25.00
Payment Due Date: **February 28, 2016**

All payments on the account must be made at the address shown on your monthly billing statement and are considered to have been made on the date received at that address.

Amount Enclosed: \$



Make Check Payable to:

CARD SERVICE CENTER
PO BOX 569100
DALLAS TX 75356-9100

CELIA GAONA
H C R M A
PO BOX 1766
PHARR TX 78577-1633

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
2016 PAYMENT SUMMARY

PlainsCapital Bank - Master Card
Authorized cardholder - Flor E. Koll
Account ##### ##### 3560

Credit Card Statement

Closing Date	2/3/2016	Total Paid to Date	\$2,754.67
Monthly Billing	\$2,754.67		\$2,754.67

Amount Approved for Payment



2/4/2016
Date

Approved for Payment
Pilar Rodriguez
Executive Director



Billing Questions:
800-367-7576

Website:
www.cardaccount.net

Send Billing Inquiries To:
Card Service Center, PO Box 569120, Dallas, TX 75356

PLAINSCAPITAL BANK Credit Card Account Statement
January 4, 2016 to February 3, 2016

SUMMARY OF ACCOUNT ACTIVITY

Previous Balance	\$434.08
- Payments	\$434.08
- Other Credits	\$1,133.01
+ Purchases	\$3,887.68
+ Cash Advances	\$0.00
+ Fees Charged	\$0.00
+ Interest Charged	\$0.00
= New Balance	\$2,754.67

Account Number XXXX XXXX XXXX 3560
Credit Limit \$7,500.00
Available Credit \$4,736.00
Statement Closing Date February 3, 2016
Days in Billing Cycle 31

PAYMENT INFORMATION

New Balance: \$2,754.67
Minimum Payment Due: \$82.65
Payment Due Date: February 28, 2016

Pay
1. 1 R
2/4/2016

TRANSACTIONS

An amount followed by a minus sign (-) is a credit unless otherwise indicated.

Tran Date	Post Date	Reference Number	Transaction Description	Amount
01/08	01/10	5543286QR00W4DELM	JW MARRIOTT AUSTIN AUSTIN TX CREDIT	\$6.60-
		CHECK-IN 01/04/16	FOLIO #017981	
01/27	01/27	F112700DB00CHGDDA	AUTOMATIC PAYMENT - THANK YOU	\$434.08-
01/27	01/28	7541823DB0M2AR1YA	4IMPRINT 877-4467 CREDIT	\$872.93-
01/27	01/29	5543286DQ00WG8T1M	SOUTHWES 5262177851230 800-435- CREDIT	\$253.48-
			REYES/JOSUE	
		01/27/16 1	DALLAS DALLAS	
01/05	01/06	5543286QM00QAG557	JW MARRIOTT AUSTIN AUSTIN TX	\$367.62 ✓
		CHECK-IN 01/05/16	FOLIO #019371	
01/05	01/06	5513158QMBM8ZQKZ3	MICROSOFT *ONEDRIVE 08006427676 WA	\$2.12

Transactions continued on next page

PLAINSCAPITAL BANK
1550 N BROWN RD 150
LAWRENCEVILLE GA 30043

CARD SERVICE CENTER

Account Number: XXXX XXXX XXXX 3560
New Balance: \$2,754.67
Minimum Payment Due: \$82.65
Payment Due Date: February 28, 2016

All payments on the account must be made at the address shown on your monthly billing statement and are considered to have been made on the date received at that address.

Amount Enclosed: \$



Make Check Payable to:

CARD SERVICE CENTER
PO BOX 569100
DALLAS TX 75356-9100

FLOR E KOLL
H C R M A
PO BOX 1766
PHARR TX 78577-1633



TRANSACTIONS (continued)

An amount followed by a minus sign (-) is a credit unless otherwise indicated.

Tran Date	Post Date	Reference Number	Transaction Description	Amount
01/06	01/07	0541019QNQ5EW625T	USPS 48702500834822486 PHARR TX	\$49.00 ✓
01/06	01/07	5543286QN0007GRBG	JW MARRIOTT AUSTIN AUSTIN TX	\$183.81 ✓
		CHECK-IN 01/05/16	FOLIO #018038	
01/06	01/07	5543286QN0007GRL2	JW MARRIOTT AUSTIN AUSTIN TX	\$494.99 ✓
		CHECK-IN 01/06/16	FOLIO #018157	
01/07	01/08	5543286QP00BLRVA9	WALMART.COM 800-966-6546 AR	\$77.16 ✓
01/07	01/08	5543286QP00EX6FDR	JW MARRIOTT AUSTIN AUSTIN TX	\$454.22 ✓
		CHECK-IN 01/04/16	FOLIO #017981	
01/07	01/08	5543286QP00EX7DH7	JW MARRIOTT AUSTIN AUSTIN TX	\$100.00 ✓
		CHECK-IN 01/05/16	FOLIO #018038	
01/07	01/08	5543286QP00EX7DJF	JW MARRIOTT AUSTIN AUSTIN TX	\$83.81 ✓
		CHECK-IN 01/05/16	FOLIO #018038	
01/08	01/10	5543286QR00SL7SNQ	WALMART.COM 800-966-6546 AR	\$224.87 ✓
01/21	01/22	7541823D50LXX7NA8	4IMPRINT 877-4467746 WI	\$872.93 ✓
01/25	01/26	7541823D90M0RPD5N	4IMPRINT 877-4467746 WI	\$168.68 ✓
01/26	01/28	8550039DBBLH4NYAR	TEXAS FLOODPLA00 OF 00 512-8922459 TX	\$120.00 ✓
01/27	01/28	5543286DB00DYKTRJ	SOUTHWES 5262177851230 800-435-9792 TX	\$253.48 ✓
			REYES/JOSUE	
		01/28/16 1	AUSTIN HOUSTON	
		01/28/16 2	HOUSTON HARLINGEN	
01/28	01/29	2553606DD2Y2PT4VS	TCEQ EPAYMENT AUSTIN TX	\$225.00 ✓
01/28	01/31	5554186DD03T6WHX2	HYATT AUSTIN DT 2404 AUSTIN TX	\$209.99 ✓
		CHECK-IN 01/27/16	FOLIO #5370 2	

INTEREST CHARGE CALCULATION

Your Annual Percentage Rate (APR) is the annual interest rate on your account

Type of Balance	Annual Percentage Rate (APR)	Balance Subject to Interest Rate	Days in Billing Cycle	Interest Charge
Purchases	14.49% (v)	\$0.00	31	\$0.00
Cash Advances	14.49% (v)	\$0.00	31	\$0.00

(v) - variable

To avoid additional interest charges, pay your New Balance in full on or before the Payment Due Date.

Thank you for the opportunity to serve your credit card needs. Should your future plans include travel, please contact us at 1-800-367-7576.

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
PAYMENT SUMMARY

DOS Land Surveying - SH 365 from FM 1016 to SH 336
\$756,559.76 Maximum payable fee

Maximum fee minus approved WA \$103,295.01

Approved WA Amount	12/7/2011	1/26/2012	10/31/2012	12/6/2012	Invoice Date	WA Total Billed	WA Balance
WA#1 \$603,264.75		\$75,789.31	\$171,756.57	\$71,504.72	*	\$319,050.60	\$284,214.15
WA#2 \$50,000.00	\$40,000.00				*	\$40,000.00	\$10,000.00
						\$359,050.60	\$294,214.15

DOS Land Surveying - SH 365 from FM 1016 to SH 336
\$774,772.17 Revised Maximum payable fee approved March 20, 2013 - Resolution 2013-10
\$418,108.36 Revised Work Authorization No. 1 approved March 20, 2013 - Resolution 2013-10
\$310,000.00 Work Authorization No. 2 approved October 16, 2013 - Resolution 2013-43
\$28,451.40 Supplemental 1 to Work Authorization No. 2 approved July 23, 2014
Maximum fee minus approved WA \$0.00

Approved WA Amount	3/22/2013	6/4/2013	3/18/2014	7/3/2014	8/8/2014	9/3/2014	10/3/2014	11/4/2014	1/20/2015	WA Total Billed	WA Balance
WA#1 \$418,108.36	\$48,152.50	\$10,905.26	\$29,163.44	\$32,300.00	\$74,100.00	\$66,500.00	\$66,500.00	\$42,298.83	\$23,125.65	\$418,108.36	\$0.00
WA#2 \$310,000.00	\$28,451.40	\$34,623.21	\$29,163.44	\$32,300.00	\$74,100.00	\$66,500.00	\$25,635.42	\$42,298.83	\$23,125.65	\$268,080.22	\$41,919.78
SP#1 to WA#2							\$25,635.42			\$25,635.42	\$2,815.98
										\$711,824.00	\$44,735.76
											\$756,559.76


Approved for Payment
Date 2/11/2016

Resolution 2012-39 amend and restate Professional Surveying Service Agreement with DOS Land Surveying with no change to maximum payable amount of \$653,263.00 and consolidated WA # 1 & 2 into WA #1 in the amount of \$653,263.
Resolution 2013-10 approved Supplemental # 1 to Professional Surveying Service Agreement with DOS Land Surveying with an revised to the maximum payable amount of \$774,772.17 and a revised WA # 1 in the amount of \$418,108.36 (deduct).
Resolution 2014-62 approved Supplement #1 to Work Authorization #2 to revise ROW maps to conform to TxDOT standards in the amount of \$28,451.40
Resolution 2014-104 approved Supplemental #2 to Work Authorization #1 to revise ROW maps in the amount of \$30,984.50
Resolution 2015-71 approved Work Authorization #3 to provide a survey for the Magellan tract in the amount of \$3,087.90
Resolution 2015-79 approved Work Authorization #4 to provide a survey for IBWC levee parcels in the amount of \$23,570.70
Resolution 2016-10 approved Work Authorization #5 to provide construction monument staking in the amount of \$46,663.78

Prepared by:
P. Rodriguez, PE
Tx PE #85,567
2/11/2016



HCRMA
 HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

REQUEST FOR RECOMMENDATION ON PAYMENT

To: Dannenbaum Engineering
 Attn: Louis Jones, HCRMA Project Manager
 1109 Nolana Loop, Suite 208
 McAllen, Texas 78504

Month and Year	01/01/16 - 01/31/16	
Contractor	DLS	
Project/WA	SH 365 WA #4	
Invoice #	20	Date: 02/03/16
Amount	\$ 16,959.64	
Date Sent	02/03/16	

Date Received	
Received by	
Recommendation:	<input type="checkbox"/> Approval <input type="checkbox"/> Disapproval
Comments:	QUESTIONS ABOUT PROPERTY OWNERS PENDING. INVOICE APPROVED FOR 87.5% OF WHAT HAS BEEN SUBMITTED. \$14,839.69 <i>Mary Guarez</i> 2-8-16
	Date <u>2/9/16</u>
Louis Jones, HCRMA Program Manager	Date
Recommendation:	<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Disapproval
Comments:	Pay ONLY \$14,839.69
	Date <u>2/9/2016</u>
Pilar Rodriguez, Executive Director	Date



JANUARY 2016 INVOICE



Project: Proposed SH 365
Limits: SH 365 Segments 0032/0034 from FM 1016 (Conway Ave) to SH 336 (10 St)
CSJ: 3627-01-001 & 3627-01-002
County: Hidalgo, Texas

Bill Through: 1/31/2016
Client: HCRMA
Contract: DLS (0032-04+0034-04 Survey)
WA No.: WA # 3, 4, 5 (future)

Func Code	TASK DESCRIPTION	FIRM	CONTRACTED FEE (\$)	PREVIOUSLY INVOICED		INVOICED TO DATE		BALANCE	AMOUNT DUE THIS INVOICE
				(\$ AMOUNT)	(% COMPLETED)	(\$ AMOUNT)	(% COMPLETED)		
130	TASK 7 - Right of Way Mapping and Parcel Tract Platting (WA 2 unless otherwise noted)								
	<i>Subtask 7.1 - Create and prepare full set of ROW Plans including: Title Sheet, Parcel Index, and Plan Sheets.</i>	DOS							
	<i>From FM 1016/Conway Ave to 10th Street (incl. a stripmap and making ROW map to TxDOT Stds.)</i>		\$156,051.40	\$156,051.40	100%	\$156,051.40	100%	\$0.00	\$0.00
	<i>Subtask 7.2 - Create and prepare individual Parcel plats and legal descriptions, (Acquisition Surveys)</i>	DOS							
	<i>From FM 1016/Conway Ave to 10th Street (96 parcels at 1900.00 each)</i>		\$182,400.00	\$182,400.00	100%	\$182,400.00	100%	\$0.00	\$0.00
	<i>WA 3- Dagoberto Magallan Survey</i>	DOS	\$3,087.90	\$3,087.90	100%	\$3,087.90	100%	\$0.00	\$0.00
	<i>WA 4- Levee Parcels 11 (Included in this WA Parcel 14 and 25A, Seg no 4) 8 parcels submitted</i>	DOS	\$23,570.70	\$773.73	3%	\$17,733.37	75%	\$5,837.33	\$16,959.64
	TASK 7 - SUBTOTAL =		\$365,110.00	\$342,313.03	94%	\$359,272.67	98%	\$5,837.33	\$16,959.64
150	TASK 2 - Surveying (WA 1 unless otherwise noted)								
	<i>Task 1.2 Secondary Control</i>	DOS	\$21,051.54	\$21,051.54	100%	\$21,051.54	100%	\$0.00	\$0.00
	<i>Task 1.4 - Project Alignment/Baselines</i>	DOS	\$91,617.04	\$91,617.04	100%	\$91,617.04	100%	\$0.00	\$0.00
	<i>Task 3.2 IN-FILL Topo and Planometrics</i>	DOS	\$117,996.98	\$117,996.98	100%	\$117,996.98	100%	\$0.00	\$0.00
	<i>Task 4.0 Boundary</i>	DOS	\$60,895.08	\$60,895.08	100%	\$60,895.08	100%	\$0.00	\$0.00
	<i>Task 5.0 Utility Survey</i>	DOS	\$3,340.18	\$3,340.18	100%	\$3,340.18	100%	\$0.00	\$0.00
	<i>Task 6.1 Surveys for Engineering Design (task increased by 30,984.50 by SWA 1 to WA 1)</i>	DOS	\$96,164.15	\$96,164.15	97%	\$96,164.15	100%	\$0.00	\$0.00
	<i>Task 6.4 Survey for Geotechnical Studies</i>	DOS	\$6,403.92	\$494.68	9%	\$494.68	9%	\$4,909.24	\$0.00
	<i>Task 8.0 - Construction Control Staking (Future to be approved WA# 5)</i>	DOS	\$46,663.78	\$3,337.92	7%	\$3,337.92	7%	\$43,325.86	\$0.00
	<i>Task 9.0 Right of Entry</i>	DOS	\$50,000.00	\$40,000.00	80%	\$40,000.00	80%	\$10,000.00	\$0.00
	<i>Direct Expenses</i>	DOS	\$2,524.00	\$2,524.00	100%	\$2,524.00	100%	\$0.00	\$0.00
	TASK 2 - SUBTOTAL =		\$495,756.67	\$437,521.57	88%	\$437,521.57	88%	\$64,072.43	\$0.00
TOTAL THIS INVOICE =									\$16,959.64

P.R. **\$14,939.69** Pay ↑
 Pay ↑
 P.R.
 2/9/2016

14,939.69
 P.R.



INVOICE PERIOD: 01/01/16 through 01/31/16

INVOICE AMOUNT: \$16,959.64

February 3, 2016

Mr. Pilar Rodriguez, P.E. – Executive Director HCRMA
ATTN: Mr. Louis H. Jones, P.E. – Program Manager HCRMA
Hidalgo County Regional Mobility Authority
118 S. Cage Blvd., 4th Floor
Pharr, Texas 78577

RE: WA 4 Levee Parcels 11 (included 14 & 25A for Seg No 4)

Dear Mr. Jones:

Attached for your review approval is our invoice for services rendered during the month of January, 2016 on the subject referenced project. The below referenced work product deliverables have been submitted to your office via: hand delivered Attach Transmittal letters.

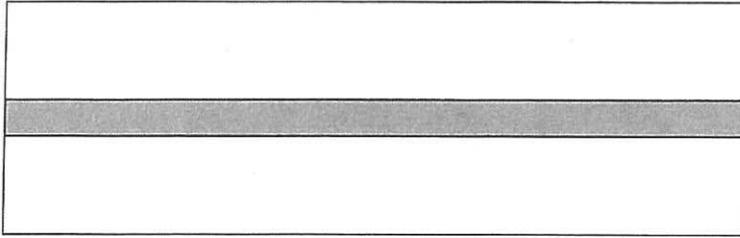
- SH 365 Surveying Services for Levee Parcels 1-8 for Seg No 2

The following was submitted:

- Invoice No. 20

The following is a narrative of the progress for this period.

TASK
FC 130 Task 7 Right of way Mapping and Parcel Plats
<i>Submitted originals of Levee Parcels 1-8 for Seg no 2</i>



Should you have any questions regarding this submittal, please do not hesitate to call me at (956) 969-4183.

Sincerely,

Juan M. Castillo 2/3/2016

Juan M. Castillo, R.P.L.S.
Survey Manager – Dos Land Surveying, Inc.

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
PAYMENT SUMMARY

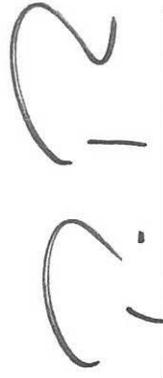
DOS Land Surveying - SH 365 from FM 1016 to SH 336
\$756,559.76 Maximum payable fee

Maximum fee minus approved WA \$103,295.01

Approved WA Amount	12/7/2011	1/26/2012	10/31/2012	12/6/2012	Invoice Date	WA Total Billed	WA Balance
WA#1	\$603,264.75	\$75,789.31	\$171,756.57	\$71,504.72	*	\$319,050.60	\$284,214.15
WA#2	\$50,000.00	\$40,000.00			*	\$40,000.00	\$10,000.00
						\$359,050.60	\$294,214.15

DOS Land Surveying - SH 365 from FM 1016 to SH 336
\$774,772.17 Revised Maximum payable fee approved March 20, 2013 - Resolution 2013-10
\$418,108.36 Revised Work Authorization No. 1 approved March 20, 2013 - Resolution 2013-10
\$310,000.00 Work Authorization No. 2 approved October 16, 2013 - Resolution 2013-43
\$28,451.40 Supplemental 1 to Work Authorization No. 2 approved July 23, 2014
Maximum fee minus approved WA \$0.00

Approved WA Amount	3/22/2013	6/4/2013	3/18/2014	7/3/2014	8/8/2014	9/3/2014	10/3/2014	11/4/2014	1/20/2015	WA Total Billed	WA Balance
WA#1	\$418,108.36	\$48,152.50	\$10,905.26							\$418,108.36	\$0.00
WA#2	\$310,000.00	\$23,717.95	\$29,163.44	\$32,300.00	\$74,100.00	\$66,500.00	\$25,635.42	\$42,298.83	\$23,125.65	\$268,080.22	\$41,919.78
SP#1 to WA#2	\$28,451.40						\$25,635.42			\$25,635.42	\$2,815.98
	\$756,559.76	\$48,152.50	\$29,163.44	\$32,300.00	\$74,100.00	\$66,500.00	\$25,635.42	\$42,298.83	\$23,125.65	\$711,824.00	\$44,735.76
											\$756,559.76


Approved for Payment
Date: 2/11/2016

Resolution 2012-39 amend and restate Professional Surveying Service Agreement with DOS Land Surveying with no change to maximum payable amount of \$653,263.00 and consolidated WA # 1 & 2 into WA #1 in the amount of \$653,263.
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Resolution 2016-10 approved Work Authorization #5 to provide construction monument staking in the amount of \$46,663.78

Prepared by:
P. Rodriguez, PE
Tx PE #85,567
2/11/2016



HCRMA

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

REQUEST FOR RECOMMENDATION ON PAYMENT

To: Pilar Rodriguez

Month and Year	11/01/15-12/31/15	
Contractor	DLS	
Project/WA	SJ365 WA #3, 4, and 5	
Invoice #	18	Date: 2/11/2016
Amount	\$ 19,993.97	
Date Received	2/11/2016	

Note:

Original Invoice	1/11/2016	\$ 23,855.60	Amount previously approved by PMC
Amount Paid	1/26/2016	\$ (3,861.63)	
Amount due		\$ 19,993.97	

Recommendation:	<u>P.R.</u> Approval	<input type="checkbox"/> Disapproval
Comments:		
		
_____ Pilar Rodriguez, Executive Director	<u>2/11/2016</u>	_____ Date

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
PAYMENT SUMMARY

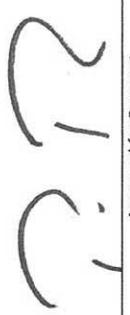
DOS Land Surveying - SH 365 from FM 1016 to SH 336
\$756,559.76 Maximum payable fee

Maximum fee minus approved WA \$103,295.01

	Approved WA Amount	12/7/2011	1/26/2012	10/31/2012	12/6/2012	Invoice Date	WA Total Billed	WA Balance
WA#1	\$603,264.75		\$75,789.31	\$171,756.57	\$71,504.72	*	\$319,050.60	\$284,214.15
WA#2	\$50,000.00	\$40,000.00				*	\$40,000.00	\$10,000.00
							\$359,050.60	\$294,214.15

DOS Land Surveying - SH 365 from FM 1016 to SH 336
\$774,772.17 Revised Maximum payable fee approved March 20, 2013 - Resolution 2013-10
\$418,108.36 Revised Work Authorizatio No. 1 approved March 20, 2013 - Resolution 2013-10
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Maximum fee minus approved WA \$0.00

	Approved WA Amount	3/22/2013	6/4/2013	3/18/2014	7/3/2014	8/8/2014	9/3/2014	10/3/2014	11/4/2014	1/20/2015	WA Total Billed	WA Balance
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WA#2	\$310,000.00	\$23,717.95									\$268,080.22	\$41,919.78
SP#1 to WA#2	\$28,451.40		\$34,623.21	\$29,163.44	\$32,300.00	\$74,100.00	\$66,500.00	\$25,635.42	\$42,298.83	\$23,125.65	\$25,635.42	\$2,815.98
											\$711,824.00	\$44,735.76
												\$756,559.76


Approved for Payment
Date 1/14/2016

- * Resolution 2012-39 amend and restate Professional Surveying Service Agreement with DOS Land Surveying with no change to maximum payable amount of \$653,263.00 and consolidated WA # 1 & 2 into WA #1 in the amount of \$653,263.
- * Resolution 2013-10 approved Supplemental # 1 to Professional Surveying Service Agreement with DOS Land Surveying with an revised to the maximum payable amount of \$774,772.17 and a revised WA # 1 in the amount of \$418,108.36 (deduct).
- Resolution 2014-62 approved Supplement #1 to Work Authorization #2 to revise ROW maps to conform to TxDOT standards in the amount of \$28,451.40

Prepared by:
P. Rodriguez, PE
Tx PE #85,567
1/14/2016

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
PAYMENT SUMMARY

DOS Land Surveying - SH 365 from FM 1016 to SH 936
\$756,559.76 Maximum payable fee

	Approved WA Amount	3/4/2015	1/11/2016	Invoice Date	WA Total Billed	WA Balance
WA#1	\$418,108.36				\$418,108.36	\$0.00
WA#2	\$310,000.00	\$10,525.77	\$3,861.63		\$282,467.62	\$27,532.38
SP#1 to WA#2	\$28,451.40				\$28,451.40	\$28,451.40
	\$756,559.76	\$10,525.77	\$3,861.63	\$0.00	\$726,211.40	\$30,348.36
		Amount Approved for Payment				\$756,559.76

Prepared by:
P. Rodriguez, PE
Tx PE #85,567
1/14/2016



HCRMA

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

REQUEST FOR RECOMMENDATION ON PAYMENT

To: Dannenbaum Engineering
 Attn: Louis Jones, HCRMA Project Manager
 1109 Nolana Loop, Suite 208
 McAllen, Texas 78504

Month and Year	11/01/15 - 12/31/15	
Contractor	DLS	
Project/WA	SH 365 WA #3, 4, and 5	
Invoice #	18	Date: 1/11/16
Amount	\$ 23,855.60	Pay Only \$ 3,861.63
Date Sent	1/11/16	

Date Received		
Received by		
Recommendation:	<u>M.C.</u> Approval	_____ Disapproval
Comments:		
		
Louis Jones, HCRMA Program Manager		<u>11/2/14</u> Date
Recommendation:	<u>P.R.</u> Approval	_____ Disapproval
Comments:	Pay Only \$ 3,861.63	
		
Pilar Rodriguez, Executive Director		<u>1/14/2016</u> Date

Please return this form via email to fkoll@hcrma.net

Analy Diaz

From: Eric Davila
Sent: Monday, January 11, 2016 2:02 PM
To: Juan Castillo
Cc: Analy Diaz; Manny Carrizales
Subject: RE: December 2015 Invoice_revised

Juan., that takes care of the allocations, thank you. Please send to Flor.

Analy, please process for payment and take review package over for Manny's review before Louis signs approval.

Regards,

Eric Davila, PE, CFM

DANNENBAUM ENGINEERING

From: Juan Castillo [mailto:juancastillo@doslandsurveying.com]
Sent: Monday, January 11, 2016 1:01 PM
To: Eric Davila <Eric.Davila@dannenbaum.com>
Cc: Analy Diaz <Analy.Diaz@dannenbaum.com>; Manny Carrizales <Manny.Carrizales@dannenbaum.com>
Subject: RE: December 2015 Invoice_revised

Eric,

Attached you will find revised invoice as requested.

Regards,

Juan M. Castillo, R.P.L.S.
Dos Land Surveying, LLC
1002 E. Expressway 83
Weslaco, TX 78596
Office (956) 969-4183 ext 402
Cell (956) 975-0239
Fax (956) 447-8194

NOTICE - This communication may contain confidential and privileged information that is for the sole use of the intended recipient. Any viewing, copying or distribution of, or reliance on this message by unintended recipients is strictly prohibited. If you have received this message in error, please notify us immediately by replying to the message and deleting it from your computer.

From: Eric Davila [mailto:Eric.Davila@dannenbaum.com]
Sent: Monday, January 11, 2016 9:31 AM
To: Juan Castillo



INVOICE PERIOD: 11/01/15 through 12/31/15

INVOICE AMOUNT: ~~\$23,855.60~~ \$3,961.63

January 11, 2016

Mr. Pilar Rodriguez, P.E. – Executive Director HCRMA
ATTN: Mr. Louis H. Jones, P.E. – Program Manager HCRMA
Hidalgo County Regional Mobility Authority
118 S. Cage Blvd., 4th Floor
Pharr, Texas 78577

Pay ↑
P. R.
1/14/2016

**RE: WA 3 Dagoberto Magallan Survey, WA 4 Levee Parcels (included 14 & 25A)
And WA 5 (to be approved) for construction monumentation.**

Dear Mr. Jones:

Attached for your review approval is our invoice for services rendered during the months of November & December, 2015 on the subject referenced project. The below referenced work product deliverables have been submitted to your office via: hand delivered Attach Transmittal letters.

- Dagoberto Magallan Boundary Survey & Metes and Bounds dated October 5, 2015
- Parcels 14 & 25A Segment no 4 revised dated January 4, 2016
- Project Control Sheets Preliminary (Horizontal & Vertical) dated January 6, 2016

The following was submitted:

- Invoice No. 18

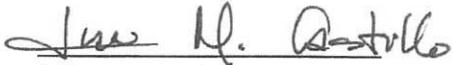
The following is a narrative of the progress for this period.

TASK
FC 130 Task 7 Right of way Mapping and Parcel Plats
<i>Submitted originals of Dagoberto Magallan Boundary Survey and metes & bounds.</i>
<i>Submitted originals for Parcels Plats 14 & 25A revised for segment no 4</i>
FC150 TASK 8.0 Project Control Horizontal & Vertical Sheets
UPDATED: <i>Submitted Preliminary Project Control Sheets (7).</i>

<u>UPDATED:</u>
<u>UPDATED:</u>

Should you have any questions regarding this submittal, please do not hesitate to call me at (956) 969-4183.

Sincerely,



Juan M. Castillo, R.P.L.S.
Survey Manager – Dos Land Surveying, Inc.



Letter of Transmittal

To: Mr. Manny Carrizales, RPLS, EIT
 Dannenbaum Engineering
 1109 Nolana Loop, Ste. 208
 McAllen, TX 78504

Date: October 5, 2015
ATTN: Mr. Manny Carrizales, RPLS
RE: SH 365 "Dagoberto Magallan Survey"

Routing Method	
US Mail	Certified
Lone Star overnight	
<input checked="" type="checkbox"/> Hand Delivered	
Fax	Email

WE ARE SENDING YOU

- | | | |
|-------------------|----------------|--------------|
| Drawings | Copy of Letter | Change Order |
| Specifications | Prints | Copies |
| <u>Submittals</u> | Plans | Samples |

Copies	Date	Pages	Description
1	10/5/15	3	Dagoberto Magallan Originals, Boundary Survey & metes and bounds

THESE ARE TRANSMITTED as checked below:

- | | | |
|--------------|------------------------|--|
| For Approval | approved as submitted | Resubmit ___ copies for approval |
| For your use | Approved as noted | Submit <input checked="" type="checkbox"/> copies for distribution |
| As requested | Return for corrections | Returned ___ corrected prints |

Remarks

SIGNED Karl H. Astillo, R.P.L.S. RECEIVED BY: [Signature]
 10/5/2015 RECEIVED ON: 10/5/2015 5:15 PM



Letter of Transmittal

To: Eric Davila, PE, CFM
 Dannenbaum Engineering Company
 1109 Nolana Ste 208
 McAllen, TX 78504

JOB NO. 3627-01-002
ATTN: Eric Davila, PE, CFM
RE: HCRMA Sh 365 Segment 2

WE ARE SENDING YOU

- | | |
|---|---|
| SOQ
Specifications
Contract
Invoices
Change Order | Check
Proposal
<input checked="" type="checkbox"/> Submittals
Samples
Originals |
|---|---|

Routing Method:	
US Mail	Certified
Lone Star Overnight	Fed Ex
<input checked="" type="checkbox"/> Hand Delivered	Fax
E-mail	Pick Up

Originals	Date	Copies	Description
1	1/4/2016		Parcels 1, 2, and 3 Segment 2
1	1/4/2016		Parcels 1 and 25A Segment 4

THESE ARE TRANSMITTED as checked below:

- | | | |
|---|--|---|
| <input type="checkbox"/> For Approval
<input checked="" type="checkbox"/> For your use
As requested | Approved as submitted
Approved as noted
Return for corrections | Resubmit ___ copies for approval
Submit ___ copies for distribution
Returned ___ corrected prints |
|---|--|---|

Remarks:

SIGNED Juan M. Castillo
 Juan M. Castillo, R.P.L.S.

RECEIVED BY: Cynthia Lucera

DATE: 1-4-2016

RECEIVED ON: 1/4/2016 4:56pm.

1002 East Expressway 83
 Weslaco, Texas 78596
 Phone: 956-969-4183
 Fax: 956-447-8194



Letter of Transmittal

To: Mr. Manny Carrizales, RPLS, EIT
 Dannenbaum Engineering
 1109 Nolana Loop, Ste 208
 McAllen, TX 78504

JOB NO. 3627-01-001
ATTN: Mr. Manny Carrizales, RPLS, EIT
RE: SH 365 Project Control Layout

WE ARE SENDING YOU

SOQ
 Specifications
 Contract
 Invoices
 Change Order

Check
 Proposal
 Submittals
 Samples
 Originals

Routing Method:	
US Mail	Certified
Lone Star Overnight	Fed Ex
<input checked="" type="checkbox"/> Hand Delivered	Fax
E-mail	Pick Up

Originals	Date	Copies	Description
7	1/6/2016		SH 365 Project Control Layout Sheets

THESE ARE TRANSMITTED as checked below:

For Approval
 For your use
 As requested

Approved as submitted
 Approved as noted
 Return for corrections

Resubmit ___ copies for approval
 Submit ___ copies for distribution
 Returned ___ corrected prints

Remarks:

SIGNED Juan M. Castillo
 Juan M. Castillo, R.P.L.S.

RECEIVED BY: Cynthia Lueso

DATE: 1-6-2016

RECEIVED ON: 12:34pm 1/6/16

1002 East Expressway 83
 Weslaco, Texas 78596
 Phone: 956-969-4183
 Fax: 956-447-8194



Project: Proposed SH 365
 Limits: SH 365 Segments 003200034 from FM 1016 (Conway Ave) to SH 336 (10 St)
 CSJ: 3627-01-001 & 3627-01-002
 County: Hidalgo, Texas

DECEMBER 2015 INVOICE



Bill Through: 12/31/2015
 Client: HCRMA
 Contract: DLS (0032-04-0034-04 Survey)
 WA No.: WA # 3, 4, 5 (future)

Func Code	TASK DESCRIPTION	FIRM	CONTRACTED FEE (\$)	PREVIOUSLY INVOICED		INVOICED TO DATE		BALANCE	AMOUNT DUE THIS INVOICE
				(\$ AMOUNT)	(% COMPLETED)	(\$ AMOUNT)	(% COMPLETED)		
130	TASK 7 - Right of Way Mapping and Parcel Tract Platting (WA 2 unless otherwise noted) Subtask 7.1 - Create and prepare full set of ROW Plans including: Title Sheet, Parcel Index, and Plan Sheets. From FM 1016/Conway Ave to 10th Street (incl. a stripmap and making ROW map to TXDOT Sides)	DOS	\$156,051.40	\$156,051.40	100%	\$156,051.40	100%	\$0.00	\$0.00
	Subtask 7.2 - Create and prepare individual Parcel plats and legal descriptions, (Acquisition Surveys) From FM 1016/Conway Ave to 10th Street (96 parcels at 1900.00 each)	DOS	\$182,400.00	\$182,400.00	100%	\$182,400.00	100%	\$0.00	\$0.00
	WA 3- Dagoberto Magallan Survey	DOS	\$3,087.90	\$0.00	100%	\$3,087.90	100%	\$0.00	\$3,087.90
	WA 4- Levee Parcels (included in this WA Parcel 14 and 25A, Segment no 4)	DOS	\$23,570.70	\$0.00	0%	\$773.73	100%	\$22,796.97	\$773.73
	TASK 7 - SUBTOTAL =		\$365,110.00	\$338,451.40	93%	\$342,313.03	94%	\$22,796.97	\$3,861.63
150	TASK 2 - Surveying (WA 1 unless otherwise noted) Task 1.2 Secondary Control Task 1.4 - Project Alignment/Baselines Task 3.2 IN-FILL Topo and Planimetrics Task 4.0 Boundary Task 5.0 Utility Survey Task 6.1 Surveys for Engineering Design (task increased by 30,984.50 by SWA 1 to WA 1) Task 6.4 Survey for Geotechnical Studies Task 8.0 - Construction Control Staking (Future to be approved WA# 5) Task 9.0 Right of Entry Direct Expenses	DOS	\$21,051.54	\$21,051.54	100%	\$21,051.54	100%	\$0.00	\$0.00
		DOS	\$91,617.04	\$91,617.04	100%	\$91,617.04	100%	\$0.00	\$0.00
		DOS	\$117,996.98	\$117,996.98	100%	\$117,996.98	100%	\$0.00	\$0.00
		DOS	\$60,995.08	\$60,995.08	100%	\$60,995.08	100%	\$0.00	\$0.00
		DOS	\$3,340.18	\$3,340.18	100%	\$3,340.18	100%	\$0.00	\$0.00
		DOS	\$96,164.15	\$96,164.15	97%	\$96,164.15	100%	\$0.00	\$0.00
		DOS	\$5,403.92	\$494.68	9%	\$494.68	9%	\$4,909.24	\$0.00
		DOS	\$46,663.78	\$3,337.92	7%	\$23,331.89	60%	\$23,331.89	\$19,993.97
		DOS	\$50,000.00	\$40,000.00	80%	\$40,000.00	80%	\$10,000.00	\$0.00
		DOS	\$2,524.00	\$2,524.00	100%	\$2,524.00	100%	\$0.00	\$0.00
	TASK 2 - SUBTOTAL =		\$495,756.67	\$437,521.57	88%	\$457,516.54	92%	\$61,038.10	\$19,993.97

TOTAL THIS INVOICE =
~~\$23,955.60Z~~
\$8,861.63

Pay Only
 PIR
 1/14/2016

WA #5
 NOT APPROVED
 P.P.

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
PAYMENT SUMMARY

Raba Kistner - International Bridge Trade Corridor
\$606,655.87 Maximum payable fee

Maximum fee minus approved WA \$0.00

	Approved WA Amount	10/3/2014	11/4/2014	12/1/2014	1/7/2015	2/5/2015	3/3/2015	4/1/2015	4/23/2015	6/29/2015	8/3/2015	8/10/2015	WA Total Billed	WA Balance
WA#1	\$520,433.54	\$98,494.78	\$193,653.49	\$94,089.20	\$25,775.91	\$29,733.11	\$6,177.22	\$3,242.64	\$925.18	1513.09	\$13,459.17	\$81,911.21	\$467,063.79	\$53,369.75
WA#2	\$86,222.33	\$98,494.78	\$193,653.49	\$94,089.20	\$25,775.91	\$29,733.11	\$6,177.22	\$3,242.64	\$925.18	\$1,513.09	\$13,459.17	\$81,911.21	\$81,911.21	\$4,311.12
	\$606,655.87												\$548,975.00	\$57,680.87
														\$606,655.87

	Approved WA Amount	9/21/2015	2/3/2016	WA Total Billed	WA Balance
WA#1	\$520,433.54	\$10,835.71		\$477,899.50	\$42,534.04
SP#2 to WA#1	\$6,485.26			\$0.00	\$6,485.26
SP#4 to WA#1	\$11,769.82			\$0.00	\$11,769.82
WA#2	\$86,222.33	\$4,311.12		\$86,222.33	\$0.00
	\$624,910.95	\$10,835.71	\$0.00	\$564,121.83	\$60,789.12
					\$624,910.95

WA#1 approved July 23, 2014 to provide Geotechnical Engineering Services for the International Bridge Trade Corridor Project in the amount of \$520,433.54.
 SP#1 to WA#1 approved November 21, 2014 for a no-cost time extension.
 SP#2 to WA#1 approved February 25, 2015 for a pavement design verification for US281/BSIF Connector Project in the amount \$6,485.26.
 SP#3 to WA#1 was skipped.
 SP#4 to WA#1 approved March 26, 2015 in for overweight asphalt pavement design for the State Highway 365 Project in the amount of \$11,769.82.
 SP#5 to WA#1 approved December 15, 2015 for a no cost time extension.
 WA#2 approved May 28, 2015 to provide Hazardous Material Site Assessments for the State Highway 365 Project in the amount of \$86,222.33.
 SP#1 to WA#2 approved October 27, 2015 for a no-cost time extension.


 Approved for Payment 2/9/2016
 Date

VRF 2013 Bond Construction Account

Prepared by:
 P. Rodriguez, PE
 Tx PE #85,567
 2/9/2016



HCRMA

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

REQUEST FOR RECOMMENDATION ON PAYMENT

To: Dannenbaum Engineering
 Attn: Louis Jones, HCRMA Project Manager
 1109 Nolana Loop, Suite 208
 McAllen, Texas 78504

Month and Year	08/03/15 - 02/02/16	
Contractor	Raba Kistner	
Project/WA	IBTC WA #1	
Invoice #	R026085	Date: 02/03/16
Amount	\$ 10,835.71	
Date Sent	02/03/16	

Date Received		
Received by		
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
 _____ Louis Jones, HCRMA Program Manager		Date <u>2/9/16</u>
Recommendation:	<input checked="" type="checkbox"/> P.R. Approval	<input type="checkbox"/> Disapproval
Comments:		
 _____ Pilar Rodriguez, Executive Director		Date <u>2/9/2016</u>

Recommended approval




INVOICE PERIOD: 8/3/15 through 2/2/16 ✓

INVOICE AMOUNT: \$10,835.71 ✓

February 3, 2016

Mr. Pilar Rodriguez, P.E. – Executive Director HCRMA
ATTN: Mr. Louis H. Jones, P.E. – Program Manager HCRMA
Hidalgo County Regional Mobility Authority
118 S. Cage Blvd., 4th Floor
Pharr, Texas 78577

RE: Work Authorization (WA) #1 Including
Supplemental Work Authorization (SWA) No. 3 to WA No. 1,
SWA No. 4 to WA No. 1, and SWA No. 6 to WA No. 1
✓ IBTC Geotechnical/Segment 0010 Borings For:
Bridge, Pavement and Embankment and Overweight Pavement Design for
IBTC Asphalt/Concrete and Overweight Concrete Design for SH 365
RK Invoice No. R026085

Dear Mr. Jones:

Attached for your review and approval is our invoice for services rendered during the month of January 2016 on the above-referenced project. The below referenced work product deliverables have been uploaded via ProjectWise to the following directory:

- ✓ - Dannenbaum – HCRMA\Documents\HCRMA\Projects\0010 IBTC\01 Contract Admin\0010 Raba Kistner\06 Invoice\January 2016

The following documents have been uploaded to ProjectWise and also attached to this document:

- ✓
- RK Invoice No. R026085
 - Engineering Report dated January 27, 2016 pertaining to the Overweight Truck Perpetual Flexible Pavement Design and Rigid Pavement Design for the Ramps and Frontage Roads of Segments 1, 3, and 4 of SH 365)

The following is a short summary of the progress for this period.

TASK	
FC110 Geotechnical/Soil Testing (Task No. 3 – Subtask No. 4, Locate Borings in Field)	
<u>NOT UPDATED:</u> This task has been completed as of October 15, 2014.	✓
FC110 Geotechnical/Soil Testing (Task No. 3 – Subtask No. 5, Drill Test Borings)	
<u>NOT UPDATED:</u> This task has been completed as of October 29, 2014.	✓
FC110 Geotechnical/Soil Testing (Task No. 3 – Subtask No. 6, Laboratory Testing)	
<u>NOT UPDATED:</u> This task has been completed as of December 18, 2014.	✓
FC110 Geotechnical/Soil Testing (Task No. 3 – Subtask No. 7, Draft Wincore Logs)	
<u>NOT UPDATED:</u> This task has been completed as of November 21, 2014.	✓
FC110 Geotechnical/Soil Testing (Task No. 3 – Subtask No. 8, Preparation of Final Report)	
<u>UPDATED:</u> <ul style="list-style-type: none"> • <i>RK and Millennium completed the task executed under the SWA No.64 to the WA No. 1, pertaining to the Overweight Truck Perpetual Flexible Pavement Design and Rigid Pavement Design for the Ramps and Frontage Roads of Segments 1, 3, and 4 of SH 365.</i> • <i>In accordance with the written notification received by our office via U.S. mail on March 6, 2015, we understand that the Geotechnical Activities for the IBTC WA No. 1 are still on hold.</i> 	✓



TASK
FC110 Geotechnical/Soil Testing (Task No. 3 – Subtask No. 9, Issue Final Report)
NOT UPDATED: <i>This task has not commenced.</i> ✓

Should you have any questions regarding this submittal, please do not hesitate to call me at (956) 682-5332.

Sincerely,

for:

Isidoro Arjona, P.E., PMP
Vice President
Raba Kistner, Inc.

Hyperlinks/Enclosures:

- o RK Invoice No. R026085
- o Engineering Report dated January 27, 2016 pertaining to the Overweight Truck Perpetual Flexible Pavement Design and Rigid Pavement Design for the Ramps and Frontage Roads of Segments 1, 3, and 4 of SH 365

INVOICE

CONSULTANTS * ENVIRONMENTAL * FACILITIES * INFRASTRUCTURE

PROJECT :
AMA1404700
Hidalgo County RMA-IBTC

BILLING DATE :
2/3/2016

CLIENT :
15C06984 Hidalgo County RMA



Hidalgo County RMA
118 S. Cage Blvd
4th Floor
Pharr, TX 78577

REMITTANCE ADDRESS:
RABA KISTNER, INC.
P.O. BOX 971037
DALLAS, TX 75397-1037

PHONE (210) 699-9090

CONSULTING SERVICES

RKCI Proposal No. PMA14-039-00
Special Requirements for Invoice

FOR PROFESSIONAL SERVICES RENDERED THROUGH: 1/30/2016

TOTAL FEE AUTHORIZED	548,719.98
PERCENT COMPLETE AS OF 1/30/2016	87.09%
FEE EARNED TO DATE	477,899.50
LESS PREVIOUS BILLINGS	467,063.79
AMOUNT DUE THIS INVOICE **	10,835.71

RK PROJECT MANAGER: KATRIN M LEONARD
CLIENT PHONE: 956-402-4762

Pay ↑
R R
2/9/2016

PROJECT ACCOUNTS RECEIVABLE SUMMARY

Amount Due This Invoice	\$ 10,835.71
Total of Previous Invoices - Currently Unpaid	0.00
Total Due And Payable	\$ 10,835.71

* Invoices are submitted monthly and are due on receipt. * Carrying charges may be assessed on invoices unpaid beyond 30 days from billing date.

January 2016 INVOICE



Func Code	TASK DESCRIPTION	FIRM	CONTRACTED FEE (\$)	PREVIOUSLY INVOICED		INVOICED TO DATE		BALANCE	AMOUNT DUE THIS INVOICE
				(\$ AMOUNT)	(% COMPLETED)	(\$ AMOUNT)	(% COMPLETED)		
110	Geotechnical (Drilling and Testing)								
	WA1 - Drilling (0 to 50 ft)	Raba Kistner	\$76,175.00	\$76,175.00	100.00%	\$76,175.00	100.00%	\$0.00	\$0.00
	WA1 - Drilling (Below 50 ft)	Raba Kistner	\$8,112.50	\$8,112.50	100.00%	\$8,112.50	100.00%	\$0.00	\$0.00
	WA1 - Grouting of Bore Holes	Raba Kistner	\$15,225.00	\$15,225.00	100.00%	\$15,225.00	100.00%	\$0.00	\$0.00
	WA1 - Mobilization / Demobilization of Drilling Rig & Support Trailer	Raba Kistner	\$10,350.00	\$10,350.00	100.00%	\$10,350.00	100.00%	\$0.00	\$0.00
	WA1 - Mobilization/Demobilization of Environmental Drilling Rig	Raba Kistner	\$3,690.00	\$3,690.00	100.00%	\$3,690.00	100.00%	\$0.00	\$0.00
	WA1 - Additional Cost for Environmental Drilling Techniques	Raba Kistner	\$11,501.00	\$11,501.00	100.00%	\$11,501.00	100.00%	\$0.00	\$0.00
	WA1 - Environmental Geoprobe Borings	Raba Kistner	\$0.00	\$0.00	0.00%	\$0.00	0.00%	\$0.00	\$0.00
	WA1 - Site access	Raba Kistner	\$10,800.00	\$10,800.00	100.00%	\$10,800.00	100.00%	\$0.00	\$0.00
	WA1 - Disposal Cost	Raba Kistner	\$4,200.00	\$4,200.00	100.00%	\$4,200.00	100.00%	\$0.00	\$0.00
	WA1 - PCBs (Method 8082)	Raba Kistner	\$1,500.00	\$1,500.00	100.00%	\$1,500.00	100.00%	\$0.00	\$0.00
	WA1 - TPH (TX-1005)	Raba Kistner	\$0.00	\$0.00	0.00%	\$0.00	0.00%	\$0.00	\$0.00
	WA1 - Semi-VOCs (Method 8270)	Raba Kistner	\$0.00	\$0.00	0.00%	\$0.00	0.00%	\$0.00	\$0.00
	WA1 - RCRA 8 Heavy Metals (Methods 6010/7471)	Raba Kistner	\$0.00	\$0.00	0.00%	\$0.00	0.00%	\$0.00	\$0.00
	WA1 - SPLP Metals (Method 1312)	Raba Kistner	\$0.00	\$0.00	0.00%	\$0.00	0.00%	\$0.00	\$0.00
	WA1 - TCLP Metals (Method 1311)	Raba Kistner	\$0.00	\$0.00	0.00%	\$0.00	0.00%	\$0.00	\$0.00
	WA1 - Logging	Raba Kistner	\$43,755.20	\$43,755.20	100.00%	\$43,755.20	100.00%	\$0.00	\$0.00
	WA1 - Staking Boring and Utility Locations	Raba Kistner	\$12,180.00	\$12,180.00	100.00%	\$12,180.00	100.00%	\$0.00	\$0.00
	WA1 - Traffic Control	Raba Kistner	\$2,400.00	\$2,400.00	100.00%	\$2,400.00	100.00%	\$0.00	\$0.00
	WA1 - Mileage	Raba Kistner	\$1,288.00	\$1,288.00	100.00%	\$1,288.00	100.00%	\$0.00	\$0.00
	WA1 - Sample Preparation (Tex-101-E)	Raba Kistner	\$6,032.00	\$6,032.00	100.00%	\$6,032.00	100.00%	\$0.00	\$0.00
	WA1 - Moisture Content (Tex-103-E)	Millennium	\$11,752.00	\$11,752.00	100.00%	\$11,752.00	100.00%	\$0.00	\$0.00
	WA1 - Atterberg Limits (Tex-104, 105 & 106-E)	Millennium	\$16,077.00	\$16,077.00	100.00%	\$16,077.00	100.00%	\$0.00	\$0.00
	WA1 - Percent Passing No. 200 Sieve (Tex-111-E)	Millennium	\$9,280.00	\$9,280.00	100.00%	\$9,280.00	100.00%	\$0.00	\$0.00
	WA1 - Sulfate Content in Soils (Tex-145-E)	Raba Kistner	\$3,060.00	\$3,060.00	100.00%	\$3,060.00	100.00%	\$0.00	\$0.00
	WA1 - Texas Triaxial Compression (Tex 117 E, Part II)	Raba Kistner	\$0.00	\$0.00	0.00%	\$0.00	0.00%	\$0.00	\$0.00
	WA1 - Consolidated Undrained Triaxial Test	Raba Kistner	\$36,000.00	\$36,000.00	100.00%	\$36,000.00	100.00%	\$0.00	\$0.00
	WA1 - Consolidation Tests	Raba Kistner	\$6,120.00	\$6,120.00	100.00%	\$6,120.00	100.00%	\$0.00	\$0.00
	WA1 - Laboratory Moisture Density Relationship (Proctor) Tests	Raba Kistner	\$1,930.00	\$1,930.00	100.00%	\$1,930.00	100.00%	\$0.00	\$0.00
	SUBTOTAL (FUNCTION 110) =		\$291,427.70	\$291,427.70	100%	\$291,427.70	100%	\$0.00	\$0.00
110	Geotechnical (Engineering Analysis) PM Hours								
	WA1 - Global Stability Check of Embankments	Raba Kistner	\$22,100.10	\$8,840.04	40.00%	\$8,840.04	40.00%	\$13,260.06	\$0.00
	WA1 - Pavement Design - Concrete for SH 365 Segments 1, 2, 3 and 4	Millennium	\$8,036.40	\$8,036.40	100.00%	\$8,036.40	100.00%	\$0.00	\$0.00
	WA1 - Pavement Design - Concrete for IBTC Segments 1, 2 and 3	Millennium	\$6,429.12	\$6,429.12	80.00%	\$6,429.12	80.00%	\$1,607.28	\$0.00
	WA1 - Pavement Design - Conventional Asphalt for IBTC Segments 1, 2 and 3	Millennium	\$8,036.40	\$4,821.84	60.00%	\$4,821.84	60.00%	\$3,214.56	\$0.00
	WA1 - Deep Foundation Design and Analysis and Lift Station Analysis	Raba Kistner	\$2,410.92	\$602.73	25.00%	\$602.73	25.00%	\$1,808.19	\$0.00
	WA1 - Laying out Needed Drilling Scheme & Plan View of Boring Logs	Raba Kistner	\$1,004.55	\$1,004.55	100.00%	\$1,004.55	100.00%	\$0.00	\$0.00
	WA1 - Structural Evaluation of Borings (Soil Shear Strength Computations)	Raba Kistner	\$2,009.10	\$1,406.37	70.00%	\$1,406.37	70.00%	\$602.73	\$0.00
	WA1 - Creation of Final Boring Logs with TCP and Soil Index Testing Data	Raba Kistner	\$5,826.39	\$5,826.39	100.00%	\$5,826.39	100.00%	\$0.00	\$0.00
	WA1 - Project Site Visit	Raba Kistner	\$5,022.75	\$5,022.75	100.00%	\$5,022.75	100.00%	\$0.00	\$0.00
	WA1 - Geotechnical Report, Soil Geology, Site Soils, Analyses, Recs.	Raba Kistner	\$2,009.10	\$1,305.92	65.00%	\$1,305.92	65.00%	\$703.18	\$0.00
	WA1 - Environmental Report, Soil Geology, Site Soils, Analyses, Recs.	Millennium	\$2,009.10	\$1,004.55	50.00%	\$1,004.55	50.00%	\$1,004.55	\$0.00
	WA1 - Environmental Analysis and Reporting	Raba Kistner	\$6,036.40	\$5,625.48	92.00%	\$5,625.48	92.00%	\$410.92	\$0.00
	WA1 - Coordination and Meetings	Millennium	\$5,022.75	\$4,620.93	92.00%	\$4,620.93	92.00%	\$401.82	\$0.00
	WA1 - Coordination and Meetings	Raba Kistner	\$12,054.60	\$10,487.50	87.00%	\$10,487.50	87.00%	\$1,567.10	\$0.00
	WA1 - Pavement Cycle Analyses	Millennium	\$20,091.00	\$15,068.25	75.00%	\$15,068.25	75.00%	\$5,022.75	\$0.00
	SWA3 to WA1 - Pav. Design Check - Flex/Rigid Pav. Designs Prep. By TxDOT for US 281/BSIF Conn.	Raba Kistner	\$2,410.92	\$2,410.92	100.00%	\$2,410.92	100.00%	\$0.00	\$0.00
	SWA3 to WA1 - Pav. Design Check - Flex/Rigid Pav. Designs Prep. By TxDOT for US 281/BSIF Conn.	Millennium	\$803.64	\$803.64	100.00%	\$803.64	100.00%	\$0.00	\$0.00
	SWA3 to WA1 - Coordination Meetings with TxDOT and HCRMA	Raba Kistner	\$401.82	\$401.82	50.00%	\$401.82	50.00%	\$0.00	\$401.82
	SWA4 to WA1 - Coordination Meetings with TxDOT and HCRMA	Millennium	\$201.84	\$201.84	100.00%	\$201.84	100.00%	\$0.00	\$200.91
	SWA4 to WA1 - Perpetual Flex Pavement Design for SH 365 (Segments 1, 2, and 4)	Raba Kistner	\$4,821.84	\$4,821.84	100.00%	\$4,821.84	100.00%	\$0.00	\$0.00
	SWA4 to WA1 - Perpetual Flex Pavement Design for SH 365 (Segments 1, 2, and 4)	Millennium	\$1,607.28	\$1,607.28	100.00%	\$1,607.28	100.00%	\$0.00	\$0.00
	SWA6 to WA1 - Overweight Pav Design for Ramps & Frontage Rds for SH 365 (Seg. 1, 2, and 4)	Raba Kistner	\$2,410.92	\$0.00	0.00%	\$0.00	0.00%	\$2,410.92	\$2,410.92
	SWA6 to WA1 - Overweight Pav Design for Ramps & Frontage Rds for SH 365 (Seg. 1, 2, and 4)	Millennium	\$2,410.92	\$0.00	0.00%	\$0.00	0.00%	\$2,410.92	\$2,410.92
	SWA6 to WA1 - Coordination Meetings with HCRMA and Dannenbaum Engineering Corporation	Raba Kistner	\$1,004.55	\$0.00	0.00%	\$0.00	0.00%	\$1,004.55	\$1,004.55
	SWA6 to WA1 - Coordination Meetings with HCRMA and Dannenbaum Engineering Corporation	Millennium	\$1,004.55	\$0.00	0.00%	\$0.00	0.00%	\$1,004.55	\$1,004.55
	SUBTOTAL (FUNCTION 110) =		\$129,386.04	\$90,349.23	70%	\$97,782.90	76%	\$31,603.14	\$7,433.67

ATTACHMENT H-3

**Subprovider Monitoring System for Federally Funded Contracts
Progress Assessment Report for month of (Mo./Yr.) JANUARY / 2016**

Contract #: _____
 Date of Execution: July 31, 2014
 Prime Provider: Raba Kistner Consultants, Inc.
 Work Authorization No.: 1

Original Contract Amount: \$520,433.54
 Approved Supplemental Agreements: \$134,014.22
 Total Contract Amount: \$654,447.76
 Work Authorization Amount: \$548,719.98

If no subproviders are used on this contract, please indicate by placing "N/A" on the 1st line under Subproviders.

DBE	All Subproviders	Category of Work	Total Subprovider Amount	% Total Contract Amount	Amount Paid This Period	Amount Paid To Date	Subcontract Balance Remaining
Certified DBE and HUB	Millennium Engineers Group, Inc.	Geotechnical Engineering	\$127,752.65	19.5 %	\$ 5,015.68	\$104,748.12	\$ 17,988.85

Fill out Progress Assessment Report with each estimate/invoice submitted, for all subcontracts, and forward as follows:

1 Copy with Invoice - Hidalgo County Regional Mobility Authority Office
 I hereby certify that the above is true and correct statement of the amounts paid to the firms listed above.

Isidoro Arjona, P.E., PMP
 Print Name - Company Official / DBE Liaison Officer
iarjona@rcki.com
 Email

(956) 682-5332 Phone 02/05/16 Date
(956) 682-5487 Fax

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
PAYMENT SUMMARY

S&B Infrastructure - SH 365 Segment 2 - McColl Road to US 281/Military Highway
\$4,714,339.28 Maximum payable fee*

Maximum fee minus approved WA \$215,601.61

	Invoice Date											WA Total Billed	WA Balance
	8/29/2012	10/3/2012	12/6/2012	1/29/2013	3/19/2013	5/15/2013	6/27/2013	8/16/2013	11/26/2013	1/21/2014	12/2/2014		
Approved WA Amount	\$167,442.06	\$74,917.69	\$108,098.03	\$88,228.68	\$47,434.99	\$173,602.23	\$35,770.27	\$5,505.39	\$119,098.66	\$46,903.65	\$867,001.65	\$20,285.86	
WA#1	\$167,442.06	\$74,917.69	\$108,098.03	\$88,228.68	\$47,434.99	\$173,602.23	\$35,770.27	\$5,505.39	\$119,098.66	\$46,903.65	\$867,001.65	\$20,285.86	
WA#2	\$3,611,450.16										\$0.00	\$3,611,450.16	
	\$4,498,737.67										\$867,001.65	\$3,631,736.02	

	Invoice Date											WA Total Billed	WA Balance
	3/3/2014	4/3/2013	5/5/2014	6/5/2014	7/4/2014	8/8/2014	9/3/2014	10/3/2014	11/4/2014	12/2/2014	12/2/2014		
Approved WA Amount	\$887,287.51	\$290,903.16	\$364,745.42	\$274,020.77	\$255,161.21	\$423,940.27	\$521,083.82	\$312,909.04	\$180,448.87	\$74,634.76	\$867,001.65	\$20,285.86	
WA#1	\$887,287.51	\$290,903.16	\$364,745.42	\$274,020.77	\$255,161.21	\$423,940.27	\$521,083.82	\$312,909.04	\$180,448.87	\$74,634.76	\$867,001.65	\$20,285.86	
WA#2	\$3,611,450.16										\$2,807,902.66	\$803,547.50	
	\$4,498,737.67										\$3,674,904.31	\$823,833.36	
												\$4,498,737.67	

	Invoice Date											WA Total Billed	WA Balance
	1/7/2015	3/4/2015	4/1/2015	6/4/2015	6/17/2015	9/2/2015	10/2/2015	12/2/2015	1/5/2016	2/9/2016	2/9/2016		
Approved WA Amount	\$887,287.51	\$7,757.85	\$12,540.26	\$314.00	\$15,998.38	\$282,101.72	\$256,141.50	\$15,342.61	\$4,513.58		\$883,000.03	\$4,287.48	
WA#1	\$887,287.51	\$7,757.85	\$12,540.26	\$314.00	\$15,998.38	\$282,101.72	\$256,141.50	\$15,342.61	\$4,513.58		\$883,000.03	\$4,287.48	
WA#2	\$3,611,450.16										\$3,507,773.07	\$103,677.09	
SP#1 to WA#2	\$100,244.60										\$0.00	\$100,244.60	
SP#2 to WA#2	\$415,016.03										\$159,268.83	\$255,747.20	
	\$5,013,998.30										\$4,550,041.93	\$463,956.37	
												\$5,013,998.30	

Amount Approved for Payment

* Resolution 2012-37 - Amended and restated professional service agreement with S&B to revise project limits, DBE requirement and increased maximum payable amount from \$4,363,952.78 to \$4,714,339.28
WA#2 was approved December 18, 2013 for final PS&E for SH 365 in the amount of \$3,611,450.28

Supplemental Number 1 to Work Authorization Number 1 was approved July 28, 2015 to revise the termination date of the work authorization to December 31, 2015.

Supplemental Number 1 to Work Authorization Number 2 was approved June 23, 2015 in the amount of \$100,244.60 for irrigation details and to revise the termination date of the work authorization to December 31, 2015.

Supplemental Number 2 to Work Authorization Number 2 was approved July 28, 2015 in the amount of \$415,016.03 for the "I" Road Steel Bridge Design.



2/9/2016
Date

Approved for Payment

Prepared by:
P. Rodriguez, PE
VRF 2013 Bond Construction Account
Tx PE #85,567
2/9/2016



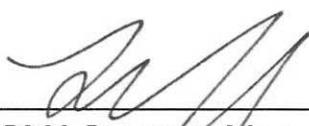
HCRMA

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

REQUEST FOR RECOMMENDATION ON PAYMENT

To: Dannenbaum Engineering
 Attn: Louis Jones, HCRMA Project Manager
 1109 Nolana Loop, Suite 208
 McAllen, Texas 78504

Month and Year	01/01/16 - 01/31/16	
Contractor	S&B	
Project/WA	SH 365 WA #2	
Invoice #	19	Date: 02/03/16
Amount	\$ 159,268.83	
Date Sent	02/03/16	

Date Received		
Received by		
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
		<u>2/9/16</u>
Louis Jones, HCRMA Program Manager		Date
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
		<u>2/9/2016</u>
Pilar Rodriguez, Executive Director		Date

*Recommended to pay
S&B*



INVOICE PERIOD: 01/01/16 through 01/31/16

INVOICE AMOUNT: \$159,268.83

February 3, 2016

Mr. Pilar Rodriguez, P.E. – Executive Director HCRMA
ATTN: Mr. Louis H. Jones, P.E. – Program Manager HCRMA
Hidalgo County Regional Mobility Authority
118 S. Cage Blvd., 4th Floor
Pharr, Texas 78577

**RE: Work Authorization #2 on SH 365 Segment 1
Invoice No. 19**

Dear Mr. Jones:

Attached for your review approval is our invoice for services rendered during the month of January 2016 on the subject referenced project. The below referenced work product deliverables have been uploaded via GroupWise to the following directory the following is attached: 2016-02-03- January Inv Backup

- Invoice No. 19
- Plan Set Back up link:2016-02-03 January Inv Backup

The following is a narrative of the progress for this period.

TASK
FC 161 MISCELLANEOUS BRIDGES
<i>UPDATED: 90% completed; Bridge on "I" Road</i>
FC 163 MISCELLANEOUS IRRIGATION DETAILS
<i>UPDATED: 90% completed Irrigation Details.</i>
UPDATED BORING AND CPT LOGS-LEVEES
<i>UPDATED: Boring and CPT logs along with field and laboratory geotechnical engineering test results performed to date.</i>

Should you have any questions regarding this submittal, please do not hesitate to call me at (956) 926-5041.

Sincerely,



Guillermo A. Arratia, P.E.

Project Manager – S & B INFRASTRUCTURE, LTD.

cc: Gustavo Lopez, P.E.

Hyperlinks: 2016-02-03- January Inv Backup

JAN 2016 INVOICE



Project: SH 365 PS&E Development
 Limits: 3627-01-001
 CS.J: Haldage County
 County: Haldage County

Bill Through: 1/31/2016
 Client: HCRMA
 Contract: WA No.: 2

Func Code	TASK DESCRIPTION	FIRM	CONTRACTED FEE (\$)	PREVIOUSLY INVOICED		INVOICED TO DATE		BALANCE	AMOUNT DUE THIS INVOICE
				(\$ AMOUNT)	(% COMPLETED)	(\$ AMOUNT)	(% COMPLETED)		
	II. TRAFFIC CONTROL PLANS (TCP)								
	4 - SEQUENCE OF CONSTRUCTION NARRATIVE	S&B	\$ 6,632.56	\$6,300.83	95%	\$6,300.83	95%	\$331.63	\$0.00
	10 - TRAFFIC CONTROL PLAN TYPICAL SECTIONS (1:100)	S&B	\$ 18,978.60	\$18,029.67	95%	\$18,029.67	95%	\$948.93	\$0.00
	2 - TRAFFIC CONTROL PLAN GENERAL NOTES	S&B	\$ 1,896.90	\$1,796.36	95%	\$1,796.36	95%	\$99.55	\$0.00
	4 - TCP ADVANCE WARNING SIGNS	S&B	\$ 5,795.39	\$5,505.62	95%	\$5,505.62	95%	\$289.77	\$0.00
	60 - TRAFFIC CONTROL PLAN - PHASE LAYOUTS (1:100)	S&B	\$ 85,742.35	\$82,405.23	95%	\$82,405.23	95%	\$4,337.12	\$0.00
	10 - TEMPORARY TRAFFIC SIGNALS AND ILLUMINATION	S&B	\$ 5,860.02	\$5,567.02	95%	\$5,567.02	95%	\$293.00	\$0.00
	0 - ROLL PLOT	S&B	\$ 12,452.25	\$12,452.25	100%	\$12,452.25	100%	\$0.00	\$0.00
	0 - STANDARDS	S&B	\$ 2,265.60	\$2,265.60	100%	\$2,265.60	100%	\$0.00	\$0.00
	12 - BC 1 THRU 12	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	1-WZ (TD)-03	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	1-WZ (STPM)-03	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	1-WZ (UL)-03	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	1-WZ (IDRD)-03	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	1-WZ (BTS)-03	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	1-WZ (BTS-2)-03	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	1-WZ (BRK)-03	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	1-TCP (2-1)-98	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	1-TCP (2-3)-03	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	1-TCP (2-5)-03	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	1-TCP (2-6)-98	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	3 - TOP (3-1) THRU (3-3)-98	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	1-TCP (7-1)-98	S&B	\$ 4,182.48	\$4,182.48	100%	\$4,182.48	100%	\$0.00	\$0.00
	0 - CPM SCHEDULE	S&B	\$ 269,813.27	\$257,390.36	95%	\$257,390.36	95%	\$12,422.93	\$0.00
	TASK 2-SUBTOTAL (FC 163-MISCELLANEOUS ROADWAY)		\$ 269,813.27	\$257,390.36	95%	\$257,390.36	95%	\$12,422.93	\$0.00
	III. ROADWAY DETAILS								
160	ROADWAY DESIGN CONTROLS								
	19 - HORIZONTAL ALIGNMENT DATA SHEETS	S&B	\$ 12,412.80	\$11,792.16	95%	\$11,792.16	95%	\$620.64	\$0.00
	0 - BENCHMARK DATA SHEETS	S&B	\$ 6,105.46	\$0.00	0%	\$0.00	0%	\$6,105.46	\$0.00
	8 - HORIZONTAL AND VERTICAL CONTROL DATA SHEETS Process Only	S&B	\$ 1,654.12	\$1,591.12	95%	\$1,591.12	95%	\$63.00	\$0.00
	28 - RETAIN WALL	S&B	\$ 50,540.40	\$48,013.38	95%	\$48,013.38	95%	\$2,527.02	\$0.00
	0 - PLAN AND PROFILE	S&B	\$ 71,446.30	\$67,873.99	95%	\$67,873.99	95%	\$3,572.32	\$0.00
	34 - ROADWAY P & P SHEETS - EB & WB MAIN LANES TOGETHER	S&B	\$ 75,548.03	\$71,771.58	95%	\$71,771.58	95%	\$3,776.45	\$0.00
	13 - ROADWAY P&P SHEETS - RAMPS	S&B	\$ 30,271.95	\$28,758.35	95%	\$28,758.35	95%	\$1,513.60	\$0.00
	1 - ROADWAY P&P SHEETS - WB FRONTAGE ROAD	S&B	\$ 29,407.85	\$27,937.46	95%	\$27,937.46	95%	\$1,470.39	\$0.00
	18 - INTERSECTION LAYOUT AND DETAILS	S&B	\$ 40,287.02	\$38,272.67	95%	\$38,272.67	95%	\$2,014.35	\$0.00
	0 - INTERSECTION LAYOUTS AND DETAILS (NOT REQUIRED)	S&B	\$ 10,744.20	\$10,206.99	95%	\$10,206.99	95%	\$537.21	\$0.00
	4 - DRIVEWAY LAYOUTS	S&B	\$ 1,477.02	\$1,403.17	95%	\$1,403.17	95%	\$73.85	\$0.00
	DRIVEWAY DETAILS	S&B	\$ 6,692.28	\$6,357.67	95%	\$6,357.67	95%	\$334.61	\$0.00
	4 - MISCELLANEOUS ROADWAY DETAILS	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	0 - STANDARDS	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	CCCG-01	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	CRCP (1)-99	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	TA (CP)-99	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	JS-94	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	GF(31)-11	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	GF(31)DAT-11	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	GF(31)LS-11	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	GF(31)TR-11	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	GF(31)10'-13	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	SGT 7-09	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	SGT 8-09	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	BED-09	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	SSCB (1)-99	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	SSCB (2)-00A	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	SSCB (3)-02	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	TRACC (N)-05	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	REACT (N)-05	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	QUAD (N)-99	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	TE/HMAC-11	S&B	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	4 - RSI(1)-10	S&B	\$ 1,111.02	\$1,111.02	100%	\$1,111.02	100%	\$0.00	\$0.00
	TASK 3 - SUBTOTAL (FUNCTION 160-ROADWAY DESIGN CONTROLS)		\$ 341,485.67	\$318,855.56	93%	\$318,855.56	93%	\$22,630.12	\$0.00



JAN 2016 INVOICE



Project: SH 365 PS&E Development
 Limits: 3627-01-001
 County: Hildago County

Bill Through: 1/31/2016
 Client: HCRMA
 Contract: WA NO. 2

Func Code	FIRM	TASK DESCRIPTION	CONTRACTED FEE (\$)	PREVIOUSLY INVOICED		INVOICED TO DATE		BALANCE	AMOUNT DUE THIS INVOICE
				(\$ AMOUNT)	(% COMPLETED)	(\$ AMOUNT)	(% COMPLETED)		
		SUB-TOTAL SHEETS-EAST BOUND MAIN LANE BRIDGE OVER I ROAD	\$ 179,769.36	\$110,939.65	62%	\$162,248.43	90%	\$17,540.93	\$51,308.78
		CANAL BRIDGES (MAINLANES & FRONTAGE RDS)							
	S&B I	4 - BRIDGE LAYOUTS	\$ 19,030.68	\$18,079.15	95%	\$18,079.15	95%	\$951.53	\$0.00
	S&B I	3-SUMMARY OF QUANTITIES (BRIDGE) AND BEARING SEAT ELEVATION	\$ 14,006.85	\$13,305.56	95%	\$13,305.56	95%	\$700.29	\$0.00
	S&B I	2- FOUNDATION LAYOUTS	\$ 14,666.03	\$13,932.73	95%	\$13,932.73	95%	\$733.30	\$0.00
	S&B I	4 - ABUTMENTS	\$ 27,050.36	\$26,697.84	95%	\$26,697.84	95%	\$352.52	\$0.00
	S&B I	8- INTERIOR BENTS	\$ 22,021.06	\$20,920.01	95%	\$20,920.01	95%	\$1,101.05	\$0.00
	S&B I	2 - CONC SLAB SPAN	\$ 11,696.78	\$11,111.94	95%	\$11,111.94	95%	\$584.84	\$0.00
	S&B I	3 - CONC FRAMING PLAN & BENT REPORT	\$ 13,059.94	\$12,436.39	95%	\$12,436.39	95%	\$623.55	\$0.00
	S&B I	3 - CONC TYPICAL SECTIONS AND DEFLECTIONS	\$ 13,304.42	\$12,639.20	95%	\$12,639.20	95%	\$665.22	\$0.00
	S&B I	2- PRESTR CONC I-GIRDER DESIGN	\$ 9,984.47	\$9,485.25	95%	\$9,485.25	95%	\$499.22	\$0.00
	S&B I	4 - ARCHITECTURAL TREATMENT	\$ 17,177.01	\$16,318.16	95%	\$16,318.16	95%	\$858.85	\$0.00
	S&B I	2 - DRAIN DETAILS	\$ 9,087.02	\$8,632.67	95%	\$8,632.67	95%	\$454.35	\$0.00
	S&B I	3 - BRIDGE BORING LOGS	\$ 3,209.57	\$3,049.09	95%	\$3,049.09	95%	\$160.48	\$0.00
		SUB-TOTAL SHEETS-CANAL BRIDGES (MAINLANES & FRONTAGE RDS)	\$ 174,324.19	\$165,607.98	95%	\$165,607.98	95%	\$8,716.21	\$0.00
		I ROAD-BRIDGE STANDARDS							
	S&B I	1 - BAS-C BRIDGE APPROACH SLAB	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	FD FOUNDATION DETAILS (1 OF 2)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	FD FOUNDATION DETAILS (2 OF 2)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	MEMBS MINIMUM ERECTION	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	ODSR OPTIONAL DRILLED SHAFT REINFORCING	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	PCP PRESTRESSED CONCRETE PANELS (1 OF 4)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	PCP PRESTRESSED CONCRETE PANELS (2 OF 4)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	PCP PRESTRESSED CONCRETE PANELS (3 OF 4)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	PCP PRESTRESSED CONCRETE PANELS (4 OF 4)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	PMPF PERMANENT METAL DECK FORMS (1 OF 2)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	PMPF PERMANENT METAL DECK FORMS (2 OF 2)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	SBMS THICKENED SLAB STEEL GIRDERS	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	SEJA SEALED EXPANSION JOINT	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	SGEB ELASTOMERIC BEARING STEEL GIRDERS (1 OF 3)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	SGEB ELASTOMERIC BEARING STEEL GIRDERS (2 OF 3)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	SGEB ELASTOMERIC BEARING STEEL GIRDERS (3 OF 3)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	SGMD MISCELLANEOUS DETAILS STEEL GIRDERS (1 OF 3)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	SGMD MISCELLANEOUS DETAILS STEEL GIRDERS (2 OF 3)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	SGMD MISCELLANEOUS DETAILS STEEL GIRDERS (3 OF 3)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	TS51 CONCRETE SAFETY F-SHAPE RAIL (1 OF 2)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	TS51 CONCRETE SAFETY F-SHAPE RAIL (2 OF 2)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	BD-1 BRIDGE DRAIN	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	IGCS CONTINUOUS SLAB DETAILS	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	IGD PRESTRESSED CONCRETE I-GIRDER DETAILS (1 OF 2)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	IGD PRESTRESSED CONCRETE I-GIRDER DETAILS (2 OF 2)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	IGEB ELASTOMERIC BEARING AND GRIDER END (1 OF 2)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	IGEB ELASTOMERIC BEARING AND GRIDER END (2 OF 2)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	IGMS MISCELLANEOUS SLAB DETAIL	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	IGTS THICKEND SLAB END DETAILS	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	MEBRC MINIMUM ERECTION	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	RL BRIDGE LIGHTING DETAILS	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	CS&B GEMENT STABILIZED ABUTMENT BACKFILL	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
	S&B I	CRR CONCRETE RIP RAP (TYPE R AND RR)	\$ 448.76	\$269.26	60%	\$403.88	90%	\$44.88	\$134.63
		Sub-Totals-Bridge Standards	\$ 15,257.84	\$9,154.70	60%	\$13,792.06	90%	\$1,525.78	\$4,571.35
		WEST BOUND MAIN LANE BRIDGE OVER HIGHLINE							
	S&B I	1 - BRIDGE LAYOUTS	\$ 8,760.09	\$8,322.09	95%	\$8,322.09	95%	\$438.00	\$0.00
	S&B I	1-SUMMARY OF QUANTITIES (BRIDGE) AND BEARING SEAT ELEVATION	\$ 7,885.17	\$7,480.91	95%	\$7,480.91	95%	\$394.26	\$0.00
	S&B I	1 - FOUNDATION LAYOUTS	\$ 6,965.60	\$6,618.27	95%	\$6,618.27	95%	\$347.33	\$0.00
	S&B I	1 - FOUNDATION DETAILS- 1 TYPE(S)	\$ 6,965.60	\$6,618.27	95%	\$6,618.27	95%	\$347.33	\$0.00
	S&B I	4 - ABUTMENTS - 1 TYPE	\$ 13,719.72	\$13,033.73	95%	\$13,033.73	95%	\$686.00	\$0.00
	S&B I	4- INTERIOR BENTS - 1 TYPE	\$ 13,719.72	\$13,033.73	95%	\$13,033.73	95%	\$686.00	\$0.00
	S&B I	1 - CONC SLAB SPAN & DEFLECTION - 1 UNIT	\$ 5,712.56	\$5,426.93	95%	\$5,426.93	95%	\$285.63	\$0.00
	S&B I	1 - CONC FRAMING PLAN & BENT REPORT - 1 UNIT	\$ 5,758.31	\$5,470.38	95%	\$5,470.38	95%	\$287.93	\$0.00
	S&B I	1 - CONC TYPICAL SECTIONS AND DEFLECTIONS	\$ 6,056.00	\$5,753.20	95%	\$5,753.20	95%	\$302.80	\$0.00
	S&B I	1 - PRESTR CONC BEAMS - IGNS	\$ 7,271.61	\$6,909.03	95%	\$6,909.03	95%	\$362.58	\$0.00
	S&B I	2 - ARCHITECTURAL TREATMENT	\$ 11,635.10	\$11,244.30	95%	\$11,244.30	95%	\$390.80	\$0.00
	S&B I	2 - DRAIN DETAILS	\$ 10,185.24	\$9,675.78	95%	\$9,675.78	95%	\$509.46	\$0.00
	S&B I	1 - BRIDGE BORING LOGS	\$ 2,305.35	\$2,188.19	95%	\$2,188.19	95%	\$117.17	\$0.00
		SUB-TOTAL SHEETS-WEST BOUND MAIN LANE BRIDGE OVER HIGHLINE	\$ 105,254.23	\$99,991.52	95%	\$99,991.52	95%	\$5,262.71	\$0.00



JAN 2016 INVOICE



Project: SH 365 PS&E Development
 Limits: 3627-01-001
 CSJ: Hidalgo County
 County:

Bill Through: 1/31/2016
 Client: HCRMA
 Contract: 2
 WA No.:

Func Code	FIRM	TASK DESCRIPTION	CONTRACTED FEE (\$)	PREVIOUSLY INVOICED		INVOICED TO DATE		BALANCE	AMOUNT DUE THIS INVOICE
				(\$ AMOUNT)	(% COMPLETED)	(\$ AMOUNT)	(% COMPLETED)		
		EAST BOUND MAIN LANE BRIDGE OVER HIGHLINE							
	S&B	1 - BRIDGE LAYOUTS	\$ 8,760.00	\$8,322.09	95%	\$8,322.09	\$438.00	\$0.00	
	S&B	1 - SUMMARY OF QUANTITIES (BRIDGE) AND BEARING SEAT ELEVATION	\$ 7,885.17	\$7,480.91	95%	\$7,480.91	\$394.26	\$0.00	
	S&B	2 - FOUNDATION LAYOUTS	\$ 8,550.05	\$8,131.10	95%	\$8,131.10	\$418.95	\$0.00	
	S&B	3 - ABUTMENTS	\$ 6,859.86	\$6,516.87	95%	\$6,516.87	\$342.99	\$0.00	
	S&B	2 - INTERIOR BENTS	\$ 6,859.86	\$6,516.87	95%	\$6,516.87	\$342.99	\$0.00	
	S&B	2 - CONC SLAB SPAN	\$ 2,960.48	\$2,812.46	95%	\$2,812.46	\$148.02	\$0.00	
	S&B	1 - CONC FRAMING PLAN & BENT REPORT	\$ 7,756.31	\$7,470.38	95%	\$7,470.38	\$285.92	\$0.00	
	S&B	1 - CONC TYPICAL SECTIONS AND DEFLECTIONS	\$ 3,035.26	\$2,883.50	95%	\$2,883.50	\$151.76	\$0.00	
	S&B	1 - PRESTR CONC I-GIRDER DESIGN	\$ 7,271.61	\$6,988.03	95%	\$6,988.03	\$283.58	\$0.00	
	S&B	2 - ARCHITECTURAL TREATMENT	\$ 5,918.05	\$5,622.15	95%	\$5,622.15	\$295.90	\$0.00	
	S&B	1 - DRAIN DETAILS	\$ 5,094.62	\$4,839.89	95%	\$4,839.89	\$254.73	\$0.00	
	S&B	1 - BRIDGE BORING LOGS	\$ 2,305.36	\$2,188.19	95%	\$2,188.19	\$115.17	\$0.00	
		SUB-TOTAL SHEETS-EAST BOUND MAIN LANE BRIDGE OVER HIGHLINE	\$ 71,265.72	\$67,702.43	95%	\$67,702.43	\$3,563.29	\$0.00	
		SUB-TOTAL SHEETS-BRIDGE STANDARDS (FOR BOTH S&B AND UNINTECH)	\$ 7,628.92	\$0.00	0%	\$0.00	\$7,628.92	\$0.00	
		SUB-TOTAL BRIDGE SHEETS	\$ 78,894.64	\$67,702.43	85%	\$67,702.43	\$11,192.21	\$0.00	
		BASIC SERVICES-BRIDGE AND RETAINING WALL DESIGN/UNINTECH	\$ 652,595.00	\$623,699.75	95%	\$623,699.75	\$28,895.25	\$0.00	
		BASIC SERVICES-STAMP DOS LOGISTICS	\$ 69,170.30	\$67,743.45	94%	\$67,743.45	\$1,426.85	\$0.00	
		SPECIAL SERVICES-TERRACON	\$ 440,142.79	\$393,387.23	80%	\$393,387.23	\$46,755.56	\$0.00	
		BASIC SERVICES-BRIDGE AND DOS LOGISTICS	\$ 48,728.44	\$0.00	0%	\$0.00	\$48,728.44	\$0.00	
		TOTAL SUBS (UNINTECH, TERRACON AND DOS LOGISTICS)	\$ 1,291,163.83	\$1,089,789.43	84%	\$1,089,789.43	\$201,374.40	\$0.00	
		VIII. TRAFFIC ITEMS							
162		0 - FC 162 - SIGNING, PAVEMENT MARKINGS AND SIGNALIZATION							
		0 - SIGNALIZATION (9 INTERSECTIONS)							
	S&B	6 - TRAFFIC SIGNAL EXISTING CONDITIONS LAYOUT	\$ 7,685.64	\$7,301.36	95%	\$7,301.36	\$384.28	\$0.00	
	S&B	6 - TRAFFIC SIGNAL PROPOSED LAYOUT	\$ 16,696.68	\$16,663.75	95%	\$16,663.75	\$332.93	\$0.00	
	S&B	8 - TRAFFIC SIGNAL ELECTRICAL DETAILS	\$ 15,769.24	\$14,980.78	95%	\$14,980.78	\$788.46	\$0.00	
	S&B	8 - TRAFFIC SIGNAL WIRING DIAGRAM	\$ 15,769.24	\$14,980.78	95%	\$14,980.78	\$788.46	\$0.00	
	S&B	8 - PROPOSED L&Ds	\$ 15,769.24	\$14,980.78	95%	\$14,980.78	\$788.46	\$0.00	
	S&B	2 - TRAFFIC SIGNAL NOTES & DETAILS	\$ 2,739.08	\$2,602.13	95%	\$2,602.13	\$136.95	\$0.00	
	S&B	2 - TRAFFIC SIGNAL ESTIMATED QUANTITIES	\$ 1,651.44	\$1,578.37	95%	\$1,578.37	\$73.07	\$0.00	
	S&B	17 - TRAFFIC SIGNAL STANDARDS	\$ 3,205.60	\$3,049.12	95%	\$3,049.12	\$156.48	\$0.00	
	S&B	0 - FC 162-PREPARE SIGNING & PAVEMENT MARKING DESIGN	\$ 31,036.00	\$29,484.20	95%	\$29,484.20	\$1,551.80	\$0.00	
	S&B	30 - PAVEMENT MARKING LAYOUT (1:100) (MAIN LANES & FRIG RDS)	\$ 31,399.28	\$29,829.32	95%	\$29,829.32	\$1,569.96	\$0.00	
	S&B	6 - PAVEMENT MARKING LAYOUT (1:100) (MAIN LANES & FRIG RDS)	\$ 7,576.74	\$7,157.80	95%	\$7,157.80	\$418.94	\$0.00	
	S&B	6 - PAVEMENT MARKING LAYOUT (1:100) (INTERSECTING ROADS)	\$ 7,395.06	\$7,028.16	95%	\$7,028.16	\$366.90	\$0.00	
	S&B	4 - SMALL SIGN SUMMARY	\$ 4,205.69	\$3,995.60	95%	\$3,995.60	\$210.09	\$0.00	
	S&B	2 - LARGE SIGN SUMMARY	\$ 12,193.64	\$11,583.96	95%	\$11,583.96	\$609.68	\$0.00	
	S&B	8 - LARGE SIGN DETAILS	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	5 - TSR(1)-08 THRU TSR(5)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID(GEN)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	3 - SMID(SUP)-1-08 THRU (SUP-3)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	4 - SMID(2)-1 THRU (2-4)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (TY) GN-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW1)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW2)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW3)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW4)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW5)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW6)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW7)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW8)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW9)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW10)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW11)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW12)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW13)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW14)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW15)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW16)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW17)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW18)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW19)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW20)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW21)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW22)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW23)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW24)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW25)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW26)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW27)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW28)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW29)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW30)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW31)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW32)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW33)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW34)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW35)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW36)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW37)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW38)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW39)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW40)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW41)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW42)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW43)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW44)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW45)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW46)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW47)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW48)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW49)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW50)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW51)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW52)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW53)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW54)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW55)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW56)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW57)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW58)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW59)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW60)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW61)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW62)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW63)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW64)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW65)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW66)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW67)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW68)-08	\$ 188.80	\$188.80	100%	\$188.80	\$0.00	\$0.00	
	S&B	SMID (BW69)-08</							



JAN 2016 INVOICE



Project: SH 365 PS&E Development
 Limits: 3627-01-001
 CSJ: Hidalgo County
 County: Hidalgo County

Bill Through: 1/31/2016
 Client: HCRMA
 Contract: HCRMA
 WA No.: 2

Func Code	TASK DESCRIPTION	FIRM	CONTRACTED FEE (\$)	PREVIOUSLY INVOICED (\$ AMOUNT)	PREVIOUSLY INVOICED (% COMPLETED)	INVOICED TO DATE (\$ AMOUNT)	INVOICED TO DATE (% COMPLETED)	BALANCE	AMOUNT DUE THIS INVOICE
163	FC 163 - MISCELLANEOUS - HIGH MAST ILLUMINATION								
	0-PREPARE ILLUMINATION DESIGN:								
	SUMMARY OF QUANTITIES								
	10 - ILLUMINATION LAYOUT	S&BI	\$ 2,389.70	\$2,250.27	95%	\$2,250.27	95%	\$118.44	\$0.00
	10 - ILLUMINATION CIRCUIT DIAGRAM	S&BI	\$ 19,005.06	\$18,814.81	95%	\$18,814.81	95%	\$90.25	\$0.00
	7 - UNDERPASS LIGHTING	S&BI	\$ 19,572.70	\$18,594.07	95%	\$18,594.07	95%	\$978.64	\$0.00
	10 - LIGHTING CONTOUR	S&BI	\$ 9,701.36	\$9,216.29	95%	\$9,216.29	95%	\$485.07	\$0.00
	6 - MISCELLANEOUS ILLUMINATION DETAILS	S&BI	\$ 9,588.96	\$9,081.01	95%	\$9,081.01	95%	\$477.95	\$0.00
	0-ILLUMINATION STANDARDS	S&BI	\$ 997.74	\$947.85	95%	\$947.85	95%	\$49.89	\$0.00
	7 - ED(1) THRU ED(7)-03								
	2 - RID(LUM 1) THRU (LUM2)-07	S&BI	\$ 377.60	\$377.60	100%	\$377.60	100%	\$0.00	\$0.00
	2 - SP-80 (1) THRU (2)	S&BI	\$ 377.60	\$377.60	100%	\$377.60	100%	\$0.00	\$0.00
	TS-FD-99	S&BI	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	LUM-A-99	S&BI	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	RID (UP)-07	S&BI	\$ 188.80	\$188.80	100%	\$188.80	100%	\$0.00	\$0.00
	SUB-TOTAL FC 163-MISCELLANEOUS-HIGH MAST ILLUMINATION		\$ 63,703.72	\$60,603.49	95%	\$60,603.49	95%	\$3,100.23	\$0.00
	IRRIGATION DETAILS								
	COORDINATION WITH HCRMA (SUPPLEMENTAL)								
	COORDINATION WITH DOS AND IRRIGATION DISTRICT (SUPPLEMENTAL)	S&BI	\$ 1,760.00	\$1,056.00	60%	\$1,056.00	60%	\$176.00	\$26.00
	REVIEW IRRIGATION LAYOUTS, QUANTITIES AND STANDARDS (SUPPLEMENTAL)	S&BI	\$ 6,656.00	\$3,983.60	60%	\$5,996.40	90%	\$665.60	\$1,096.80
	REVISED P & P SHEETS AND U AND D SHEETS WITH IRRIGATION CROSSINGS (SUPPLEMENTAL)	S&BI	\$ 5,888.00	\$0.00	0%	\$5,296.20	90%	\$588.80	\$5,299.20
		S&BI	\$ 5,392.00	\$3,235.20	60%	\$4,852.80	90%	\$539.20	\$1,617.60
	SUB-TOTAL IRRIGATION DETAILS		\$ 19,696.00	\$8,284.80	42%	\$17,728.40	90%	\$1,965.60	\$9,441.60
	IX. ENVIRONMENTAL								
	0 - PREPARE SW3P								
	0 - SW3P NARRATIVE (BY DOS)	S&BI							
	0 - SW3P LAYOUTS (BY DOS)	S&BI							
	0 - MISCELLANEOUS SW3P DETAILS (BY DOS)	S&BI							
	0 - SW3P STANDARDS	S&BI							
	0 - EC(1) THRU (3)-93 (BY DOS)	S&BI							
	2-EPIC SHEETS	S&BI	\$ 7,447.36	\$7,074.99	95%	\$7,074.99	95%	\$372.37	\$0.00
	0 - PREPARE WETLAND MITIGATION PLAN (BY DOS)	S&BI							
	0 - PREPARE MISCELLANEOUS DETAILS (BY DOS)	S&BI							
	SUB-TOTAL FC 163-MISC		\$ 7,447.36	\$7,074.99	95%	\$7,074.99	95%	\$372.37	\$0.00
	X. MISCELLANEOUS								
	FC 163 - MISCELLANEOUS - LANDSCAPING/AESTHETICS								
	0 - LANDSCAPING/IRRIGATION (TO BE PROVIDED BY HCRMA)	S&BI	\$ 258.52	\$0.00	0%	\$0.00	0%	\$258.52	\$0.00
	0 - AESTHETIC PLAN (TO BE PROVIDED BY HCRMA)	S&BI	\$ 258.52	\$0.00	0%	\$0.00	0%	\$258.52	\$0.00
	0 - AESTHETIC DETAILS (TO BE PROVIDED BY HCRMA)	S&BI	\$ 258.52	\$0.00	0%	\$0.00	0%	\$258.52	\$0.00
	SUB-TOTAL FC 163-MISCELLANEOUS-LANDSCAPING/AESTHETICS		\$ 775.56	\$0.00	0%	\$0.00	0%	\$775.56	\$0.00
	XI. CROSS SECTIONS								
	FC 163 - MISCELLANEOUS - CROSS SECTIONS								
	150 - CROSS SECTIONS (ROW & DETENTION) (11x17 SHEETS) Includes Earthwork Calculations	S&BI	\$ 53,619.20	\$50,938.24	95%	\$50,938.24	95%	\$2,680.96	\$0.00
	SUB-TOTAL FC 163-MISCELLANEOUS CROSS SECTIONS		\$ 53,619.20	\$50,938.24	95%	\$50,938.24	95%	\$2,680.96	\$0.00
	GRAND TOTAL		\$ 2,756,654.72	\$2,416,558.26	88%	\$2,547,892.03	92%	\$208,761.49	\$155,288.83



JAN 2016 INVOICE



Project: SH 365 PS&E Development
Limits: 3627-01-001
CSJ:
County: Hidalgo County

Bill Through: 1/31/2016
Client: HCRMA
Contract:
WA No.: 2

Table with columns: Func Code, TASK DESCRIPTION, FIRM, CONTRACTED FEE (\$), PREVIOUSLY INVOICED (\$ AMOUNT), INVOICED TO DATE (\$ AMOUNT), BALANCE, AMOUNT DUE THIS INVOICE. Includes rows for 'NON LABOR' and 'PROJECT TOTAL'.

Handwritten notes: 'Pay' with an arrow, '1212', and '2/9/2016'.



INVOICE PERIOD: 12/20/15 through 1/23/16

INVOICE AMOUNT: \$4,787.70

February 1, 2016

Mr. Pilar Rodriguez, P.E. – Executive Director HCRMA
ATTN: Mr. Louis H. Jones, P.E. – Program Manager HCRMA
Hidalgo County Regional Mobility Authority
118 S. Cage Blvd., 4th Floor
Pharr, Texas 78577

APPROVED: FEB, 01, 2016

**RE: Work Authorization #1 on SH 365 Segment 1
Invoice No. T737950**

Dear Mr. Jones:

Attached for your review approval is our invoice for services rendered during the months of December 2015 and January 2016 on the subject referenced project. The below referenced work product deliverables have been uploaded via GroupWise to the following directory:
2016-02-03 January Inv. Backup

The following is attached:

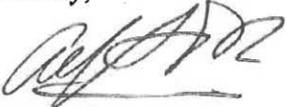
- Invoice No. T737950
- Borings Logs (performed to date)
- Lab Test Results (performed to date)

The following is a narrative of the progress for this period.

TASK
UPDATED BORING AND CPT LOGS - LEVEES
<i>Boring and CPT logs along with field and laboratory geotechnical engineering test results performed to date are attached to this report.</i>
UPDATED BORING AND CPT LOGS – RETAINING WALL AND SIGNS
<i>Boring and CPT logs along with field and laboratory geotechnical engineering test results performed to date are attached to this report.</i>
UPDATED BORING AND CPT LOGS - BRIDGES
<i>Boring and CPT logs along with field and laboratory geotechnical engineering test results performed to date are attached to this report.</i>

Should you have any questions regarding this submittal, please do not hesitate to call me at (956) 588-2480.

Sincerely,



Alfonso A. Soto, P.E.
Project Manager – Terracon Consultants, Inc.



cc: Gustavo Lopez, P.E.

Hyperlinks: 2016-02-03 January Inv. Backup

SH 365 PROJECT (CSJ: 3627-01-001)
Develop PS&E for Proposed SH 365 Project
From McColl Rd to GSA Connector
TERRACON CONSULTANTS, INC.

SPECIAL SERVICES - GEOTECHNICAL DESCRIPTION	Contract Amount	% Complete this Invoice	Balance	Invoice Amount
FC 110 - ROUTE & DESIGN STUDIES				
BRIDGES				
BRIDGE TASKS: DEVELOP CROSS SECTIONS; EVALUATE LABORATORY RESULTS; SELECT SOIL PROFILES AND PROPERTIES FOR DESIGN; PREPARE DESIGN EVALUATIONS FOR AXIAL AND LATERAL LOADING; EVALUATE EMBANKMENT SETTLEMENT; EVALUATE DOWNDRAW ON FOUNDATIONS; DEVELOP DESIGN OPTIONS; REVIEW DESIGN WITH ENGINEER; PREPARE DRAFT DESIGN RECOMMENDATIONS AND TABLES; INTERIM DESIGN REVIEW (INTERNAL); INTERIM DESIGN REVIEW (ENGINEER)				
BRIDGES				
JACKSON RD OVERPASS	\$7,495.14	0.0%	\$3,872.50	
US 281 OVERPASS	\$7,495.14	0.0%	\$2,876.17	
"I" ROAD OVERPASS	\$7,495.14	0.0%	-\$1,461.22	
DICKER RD OVERPASS	\$7,495.14	0.0%	\$3,657.46	
LAS MILPAS RD UNDERPASS	\$7,495.14	0.0%	\$4,346.55	
DRAINAGE DITCH BRIDGES	\$7,495.14	0.0%	\$5,498.32	
ANAYA ROAD OVERPASS	\$7,495.14	0.0%	\$4,421.08	
HIGHLINE ROAD OVERPASS	\$7,495.14	0.0%	\$4,812.09	
SUB-TOTAL - BRIDGES	\$69,961.12	0.0%	\$28,022.96	\$0.00
RETAINING WALLS				
RW TASKS: DEVELOP CROSS SECTIONS (TO BE DONE BY S&B); EVALUATE LABORATORY RESULTS; SELECT SOIL PROFILES AND PROPERTIES FOR DESIGN; PREPARE CROSS SECTIONS FOR ANALYSIS; EVALUATE EMBANKMENT SETTLEMENT; EVALUATE SLIDING, GLOBAL STABILITY, OVERTURNING; REVIEW DESIGN WITH ENGINEER; PREPARE DRAFT DESIGN RECOMMENDATIONS; INTERIM DESIGN REVIEW (INTERNAL); INTERIM DESIGN REVIEW (ENGINEER)				
RETAINING WALLS (5 DESIGNS)	\$42,270.60	0.0%	-\$28,784.26	
SUB-TOTAL - RETAINING WALLS	\$42,270.60	0.0%	-\$28,784.26	\$0.00
LEVEES				
LEVEE TASKS: DEVELOP CROSS SECTIONS (TO BE DONE BY S&B); EVALUATE LABORATORY RESULTS; SELECT SOIL PROFILES AND PROPERTIES FOR DESIGN; PREPARE CROSS SECTIONS FOR ANALYSIS; EVALUATE EMBANKMENT SETTLEMENT; EVALUATE SLIDING, GLOBAL STABILITY, OVERTURNING; EVALUATE SEEPAGE; PREPARE DRAFT DESIGN RECOMMENDATIONS; INTERIM DESIGN REVIEW (INTERNAL); INTERIM DESIGN REVIEW (ENGINEER)				
LEVEES - EVALUATIONS AND SEPARATE REPORT	\$29,132.40	16.4%	-\$21,290.01	\$4,787.70
SUB-TOTAL - LEVEES	\$29,132.40	16.4%	-\$21,290.01	\$4,787.70
FINAL REPORT				
GEOTECHNICAL DESIGN REPORT	\$21,034.90	0.0%	\$2,525.52	
SUB-TOTAL - FINAL REPORT	\$21,034.90	0.0%	\$2,525.52	\$0.00
FIELD EXPLORATION				
BOREHOLE LOGGING FIELD (81 BORINGS), LOGS (3980 FT OF BORINGS) IN GINT BORING QC IN LAB (81 BORINGS), ASSIGN LAB, QC LOGS CPTS (REVIEW FIELD DATA, PREPARE PLOTS QC RESULTS)	\$52,712.77	0.0%	\$25,989.57	
SUB-TOTAL - FIELD EXPLORATION	\$52,712.77	0.0%	\$25,989.57	\$0.00
FIELD MANAGEMENT				
SURVEY COORD, UTILITY COORD, SCHEDULE, ARRANGE TRAFFIC CONTROL, MANAGE FIELD CREWS & DRILLING/CPT SUBS)	\$12,521.00	0.0%	-\$4,950.52	
SUB-TOTAL - FIELD MANAGEMENT	\$12,521.00	0.0%	-\$4,950.52	\$0.00
DIRECT EXPENSES	\$222,610.00	0.0%	\$86,607.23	
GRAND TOTAL	\$440,142.79	1%	\$88,020.48	\$4,787.70



INVOICE PERIOD: *through January 31, 2015*

INVOICE AMOUNT: *\$23,146.76*

February 2, 2015

Mr. Pilar Rodriguez, P.E. – Executive Director HCRMA
ATTN: Mr. Louis H. Jones, P.E. – Program Manager HCRMA
Hidalgo County Regional Mobility Authority
118 S. Cage Blvd., 4th Floor
Pharr, Texas 78577

**RE: Work Authorization #2 – Supp. No 1 on SH 365 Segment 1
Invoice No. 2**

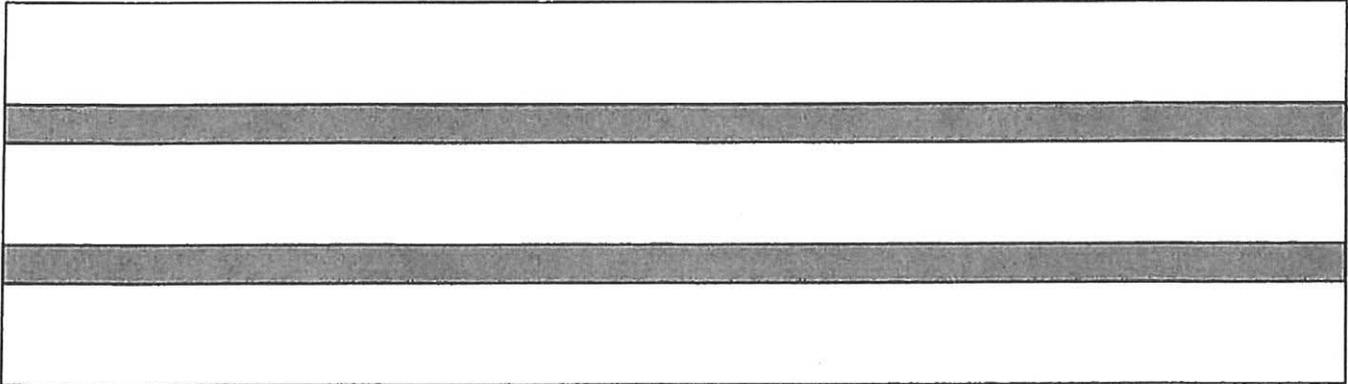
Attached for your review approval is our invoice for services rendered thru the month of January 2016 on the subject referenced project. The below referenced work product deliverables have been uploaded via GroupWise to the following directory: HCRMA\Documents\HCRMA\Projects\0030 SH365\05 Design\0031 S&B\03 PS&E\01 Plans\05 Drainage\07 Irrigation\IRR-CROSSING LAYOUTS\.

The following is attached:

- Invoice No. 2
- Irrigation Layouts
- Irrigation Details

The following is a narrative of the progress for this period.

TASK
FC/ Misc. (Task #2): Irrigation Utility
UPDATED: <i>Coordination with Prime (S&B Infrastructure, Ltd.) with respect to proposed irrigation utility adjustments and details for the proposed plans. Provided irrigation utility identification conflicts and proposed adjustments with corresponding layouts and details within project limits. Developed project layouts, plan and profile sheets, and detail sheets for the proposed irrigation adjustments.</i>



Should you have any questions regarding this submittal, please do not hesitate to call me at (956) 968-8800.

Sincerely,

Oscar Cancino, P.E.
Principal – Dos Logistics, Inc.

cc: S&BI

Hyperlinks: Irrigation Layouts Data Sheets



Project: SH 365 PS&E Development
 Limits: FM 1016 to FM 3072
 CSJ: 3527-01-001
 County: Hidalgo

JANUARY 2016 INVOICE



11/30/2014
 HCRMA
 U1695 (U1695-20001)
 No. 2 Supp. No. 1

Bill Through:
 Client:
 Contract:
 WA No.:

Func Code	TASK DESCRIPTION	FIRM	CONTRACTED FEE (\$)	PREVIOUSLY INVOICED		INVOICED TO DATE		BALANCE	AMOUNT DUE THIS INVOICE
				(\$ AMOUNT)	(% COMPLETED)	(\$ AMOUNT)	(% COMPLETED)		
161 - Misc	TASK 2 - IRRIGATION UTILITY LAYOUTS								
	Prepare Layouts (Irrigation)	DLI	\$41,888.00	\$25,132.80	60.00%	\$37,699.20	90.00%	\$4,188.80	\$12,566.40
	Prepare Irrigation Details	DLI	\$9,464.00	\$5,678.40	60.00%	\$9,517.60	90.00%	\$946.40	\$2,839.20
	Prepare Misc. Details	DLI	\$5,704.00	\$3,422.40	60.00%	\$5,133.60	90.00%	\$570.40	\$1,711.20
	Standard Details	DLI	\$3,104.00	\$1,862.40	60.00%	\$2,783.60	90.00%	\$310.40	\$971.20
	Prepare Specifications	DLI	\$5,026.00	\$3,015.60	60.00%	\$4,523.40	90.00%	\$502.60	\$1,507.80
	Coordination w/ Irrigation District	DLI	\$5,394.00	\$3,236.40	60.00%	\$4,854.60	90.00%	\$539.40	\$1,618.20
	Review Proposed Relocation	DLI	\$7,730.00	\$5,411.00	70.00%	\$6,957.00	90.00%	\$773.00	\$1,546.00
	Direct Expenses	DLI	\$1,219.30	\$731.59	60.05%	\$1,150.34	95.00%	\$60.97	\$426.76
	TASK 1 - SUBTOTAL (FUNCTION 161 - SW3P)		\$79,539.30	\$47,768.00	60.05%	\$71,637.34	90.06%	\$7,891.96	\$23,146.76

TOTAL THIS INVOICE = \$23,146.76



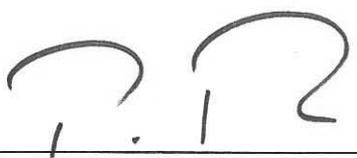
HCRMA

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

REQUEST FOR RECOMMENDATION ON PAYMENT

To: Dannenbaum Engineering
 Attn: Louis Jones, HCRMA Project Manager
 1109 Nolana Loop, Suite 208
 McAllen, Texas 78504

Month and Year	01/04/16 - 01/31/16	
Contractor	Atkins	
Project/WA	SH 365	
Invoice #	1831019	Date: 02/03/16
Amount	\$ 6,364.55	
Date Sent	02/03/16	

Date Received	2/5/16	
Received by	E. Davila, PE, CFM, DPM	
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:	Based on post-VEPOT activities, recommend end approval.	
 _____ Louis Jones, HCRMA Program Manager		_____ Date 2/9/16
Recommendation:	<input checked="" type="checkbox"/> P.R. Approval	<input type="checkbox"/> Disapproval
Comments:		
 _____ Pilar Rodriguez, Executive Director		_____ Date 2/9/2016

ATKINS

Atkins North America, Inc.
6504 Bridge Point Parkway, Suite 200
Austin, Texas 78730

Telephone: +1.512.327.6840
Fax: +1.512.327.2453

www.atkinsglobal.com/northamerica

February 03, 2016

Ms. Flor Koll
Hidalgo County Regional Mobility Authority (HCRMA)
P.O. Box 1766
Pharr, Texas 78577
VIA EMAIL: fkoll@hcrma.net

RE: **January 2016 Invoice**
State Highway 365 (SH 365)

(Project No. 100020726)

Dear Ms. Koll:

As you are aware, notice to proceed for Supplemental Agreement 06 in the amount of **\$104,121.00** was issued on 10/02/14; therefore the new contract amount for the SH 365 project is now **\$1,105,643.57**. The total contract value (including the US 281/Military Highway Overpass Project) is \$1,153,243.90.

Enclosed please find the invoice and progress report for work completed for the period 01/04/2016 through 01/31/2016. The total amount due for this period is **\$6,364.55**.

If you have any questions or need additional information, please contact me directly at (512) 342-3332.

Sincerely,



Sharon Becca
Project Manager

Enclosures

cc: Project File



PROGRESS REPORT

To Flor Koll (HCRMA)
From Sharon Becca
Date February 3, 2016
Project State Highway 365 (SH 365) [Atkins Project No: 100020726]
Reference Environmental Progress Report (For Period: 01/04/2016 – 01/31/2016)

Task	Description	Progress Report
SH 365 Environmental Assessment		
1.0	Project Management & Administration	Invoicing and coordination
2.0	Agency Coordination & Public Involvement	Task complete
3.0	Right of Entry	Task complete
4.0	Environmental Classification Letter	Task complete
5.0	Environmental Document	Task complete
6.0	Section 404 Delineation	Section 404 permit coordination
7.01	Archaeology	TAC permit closeout coordination
7.02	Historic Resources	Task complete
8.0	IBWC Permit	No associated budget
9.0	Section 4(f) Evaluation	Task complete
10.0	Archaeology Survey Reports	Task complete
15.0	Expenses	No action
16.0	Subconsultant (CMEC)	Task complete
SH 365 Early ROW Acquisition Document		
20.01	SA05 NFCE	No action
20.99	SA05 NFCE Expenses	No action

ATKINS

Hidalgo County RMA
Attn: Flor Koll
P.O. Box 1766
Pharr, TX 78577

Invoice Date: February 03, 2016
Project #: 100020726
Invoice #: 1831019

Project Description : HCRMA SH 365
Invoice Comments:
Invoicing Period : January 04, 2016 to January 31, 2016

Basic Services	Current
Lump Sum	6,364.55

Total Invoice	6,364.55
----------------------	-----------------

Total Due this Invoice

Contract Amount :	1,105,643.57
Previous Billed:	954,683.23
Billed to Date	961,047.78
Contract Balance :	144,595.79

USD 6,364.55

Pay ↑

P.R.
2/9/2016

Remit to:
Atkins North America, Inc
PO Box 848176
Dallas, TX 75284-8176
Tax ID: 59-0896138

Wire Payments: Routing No. 026009593, Acct No 005481516927
ACH EFT Payments: ABA Routing 063100277, Acct No 005481516927

Hidalgo County RMA
SH 365/ENV Services726

Project Number 100020726
Invoice Number 1831019
Date 03-FEB-16

Task Number	Task Name	Contract Fee	Percent Complete	Total Earned	Previous Earned	Current Billing
01	Project Management &	122,484.68	98.06	120,114.59	119,177.58	937.01
02	Agency Coord & Publi	28,356.30	100	28,356.30	27,222.05	1,134.25
03	Right of Entry	18,173.36	100	18,173.36	18,173.36	
04	ENV Classification	16,636.75	100	16,636.75	16,636.75	
05	ENV Document	215,638.22	100	215,638.22	215,638.22	
06	Section 404 Delineat	68,618.09	79.65	54,653.93	52,896.70	1,757.23
07	Cultural Resources	328,772.05	87.15	286,539.17	284,351.43	2,187.74
08	IBWC Permit					
09	Section 4(f) Evaluat	14,696.53	45.36	6,665.64	6,317.32	348.32
10	Archaeology Survey R	21,186.91	100	21,186.90	21,186.90	
15	Expenses	186,832.84	82.57	154,272.76	154,272.76	
16	Subconsultant	34,390.14	100	34,390.14	34,390.14	
20	SA05 Early ROW CE	49,857.70	8.87	4,420.02	4,420.02	
TOTAL		1,105,643.57		961,047.78	954,683.23	6,364.55

ATTACHMENT H-3
Subprovider Monitoring System for Federally Funded Contracts
Progress Assessment Report for month of (Mo./Yr.) January/2016

Contract #: _____ N/A
 Date of Execution: 3/29/11
 Prime Provider: Atkins Original Contract Amount: \$519,133.00
 Work Authorization No.: N/A Total Contract Amount: \$634,110.90
 Approved Supplemental Agreements: \$1,153,243.90
 Work Authorization Amount: N/A

If no subproviders are used on this contract, please indicate by placing "N/A" on the 1st line under Subproviders.

DBE	All Subproviders	Category of Work	Total Subprovider Amount	% Total Contract Amount	Amount Paid This Period	Amount Paid To Date	Subcontract Balance Remaining
X	Cox McLain Environmental Consultants	SH 365 Environmental Services	\$34,390.14	3.1%	\$1,719.51	\$34,390.14	\$0.00
X	Cox McLain Environmental Consultants	US 281/IBTC Overpass Environmental Services	\$10,133.03	21.3%	\$0	\$10,133.03	\$0.00

Fill out Progress Assessment Report with each estimate/invoice submitted, for all subcontracts, and forward as follows:
 1 Copy with Invoice - Hidalgo County Regional Mobility Authority Office
 I hereby certify that the above is true and correct statement of the amounts paid to the firms listed above.

Sharon G. Becca _____
 Print Name - Company Official / DBE Liaison Officer
 (512) 342-3332 _____
 Phone
 2/2/16 _____
 Date

sharon.becca@atkinsglobal.com _____
 Email

 Fax

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
PAYMENT SUMMARY

Dammenbaum Engineering - Program Management
\$18,204,750.67
Maximum Payable Fee

Maximum fee minus approved WA \$321,419.67

Approved WA Amount	12/12/2011	1/13/2012	2/14/2012	3/9/2012	4/9/2012	5/8/2012	6/7/2012	7/7/2012	8/6/2012	9/7/2012	10/8/2012	Pg 1 WA Billed to Date	Pg 1 WA Balance
WA#1	\$909,960.63	\$226,404.86	\$155,211.93	\$145,740.60	\$81,955.77	\$45,001.54						\$909,960.63	\$0.00
WA#2	\$0.00												\$0.00
WA#3	\$57,750.00				\$5,775.00							\$5,775.00	\$51,975.00
WA#4	\$694,355.85				\$51,286.99		\$147,460.94	\$190,229.04	\$163,719.99	\$141,658.89		\$694,355.85	\$0.00
WA#5	\$847,369.93										\$168,865.92	\$168,865.92	\$678,504.01
	\$2,509,436.41	\$226,404.86	\$155,211.93	\$145,740.60	\$81,955.77	\$102,063.53	\$147,460.94	\$190,229.04	\$163,719.99	\$141,658.89	\$168,865.92	\$1,778,957.40	\$730,479.01
													\$2,509,436.41

* Note:

WA #2 for the La Joya Relief Route was not necessary and cancelled.
 May 8, 2012 billing for WA#1 reduced by \$5,459.01 to meet approved amount.
 August 6, 2012 billing for WA#4 credited \$70.00 due to overpayment on July 7, 2012 invoice.
 Balance for WA#4 was deducted from approved amount of \$891,814.61 by Supplemental 1 in the amount of \$197,458.76 and closed out
 WA#5 amended and restated to add \$45,000 for public outreach for a revised WA#5 amount of \$847,369.93
 Balance for WA#5 was deducted from approved amount of \$847,369.93 by supplemental 1 in the amount \$78,132.97 and closed out
 WA#7 was proposed for a route study for the City of Pharr, but cancelled.
 WA#8 was approved in the amount of \$574,581.59 for program management of SH 365 and the Overweight truck corridor.
 Supplemental No. 1 to WA#6 added a T&R Study for Overweight Trucks on SH 365 in the amount of \$81,309.04
 Supplemental No. 2 to WA#6 added a Value Engineering Study for SH 365 in the amount of \$149,120.30
 Supplemental No. 3 to WA#6 added a low level aerial flight and topographic survey for IBTC in the amount of \$346,720.31
 Supplemental No. 4 to WA#6 continued program management for SH 365 and IBTC in the amount of \$1,437,465.41. Professional Service Agreement to be amended prior to exceeding \$5,000,000 maximum payable amount.
 Supplemental No. 5 to WA#6 added non destructive utility locations for SH 365 in the amount of \$117,054.83.
 Supplemental No. 6 to WA#6 revised scope of service for additional environmental coordination and Cross Valley Project intervention work. No change in work authorization amount.
 Supplemental No. 1 to WA#8 deducted remaining balance of work authorization in the amount of \$114,581.59 and closed out WA#8.
 WA#9 was approved in the amount of \$10,340,781.60 for Program and Construction Management for SH 365 and IBTC Projects through 2018.
 WA# 10, 11, 12, 13, 14 & 15 approved March 19, 2014 in the amounts of \$285,984.85, \$49,034.16, \$180,053.72, \$89,062.56, \$397,750.88, \$80,256.47 respectively.
 Supplemental No. 7 to WA#6 and WA# 16 approved May 21, 2012 in the amount of \$64,990.00 and \$215,571.04.
 WA#17 approved June 18, 2014 in the amount of \$110,078.54 to provide traffic signal warrant projected traffic counts for both the SH 365 and IBTC Projects.
 Supplemental No. 1 to WA#10 and Supplemental No. 1 to WA# 17 approved August 27, 2014, both for no cost (\$0.0) time extensions.
 WA#18 approved September 24, 2014 in the amount of \$355,355.20 to provide non destructive utility locations for the IBTC Project.
 WA#19 approved July 28, 2015 in the amount of \$21,770.44 to provide scenario analysis for SH 365 Investment Grade Traffic and Revenue Study.
 WA#20 approved December 23, 2015 in the amount of \$299,649.23 to provide an update for the SH 365 Investment Grade Traffic and Revenue Study.


 Approved for Payment
 Date 2/9/2016

VRF 2013 Bond Construction Account

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
PAYMENT SUMMARY

Dannenbaum Engineering - Program Management \$18,204,750.67		Maximum fee minus approved WA \$676,774.87										Pg2 WA Balance		
Approved WA Amount		1/1/2012	12/3/2012	1/2/2013	1/5/2013	3/1/2013	4/2/2013	5/6/2013	6/5/2013	7/8/2013	8/8/2013	9/9/2013	Pg2 WA Total Billed	Pg2 WA Balance
WA#1	\$909,960.63												\$909,960.63	\$0.00
WA#2	\$0.00													\$0.00
WA#3	\$57,750.00	\$13,282.50	\$38,692.50										\$57,750.00	\$0.00
WA#4 *	\$694,355.85	\$192,547.60	\$204,374.94	\$203,448.50									\$694,355.85	\$0.00
WA#5 *	\$769,236.96				\$97,110.61	\$132,811.94	\$114,994.62	\$114,995.38	\$114,926.42	\$114,995.36			\$769,236.96	\$0.00
WA#6	\$689,834.33								\$32,523.62	\$40,654.52	\$5,691.62	\$2,439.28	\$689,834.33	\$0.00
S#1 to WA#6	\$81,309.04								\$106,700.09	\$26,307.78	\$16,112.43		\$81,309.04	\$0.00
S#2 to WA#6	\$149,120.30								\$112,359.20	\$105,240.87	\$40,683.69	\$34,407.06	\$149,120.30	\$0.00
S#3 to WA#6	\$346,720.31										\$94,124.62	\$192,022.35	\$292,690.82	\$54,029.49
S#4 to WA#6	\$1,437,465.41										\$156,612.36	\$228,868.69	\$286,146.97	\$1,151,318.44
	\$5,135,752.83	\$205,830.10	\$243,067.44	\$203,448.50	\$97,110.61	\$132,811.94	\$114,994.62	\$114,995.38	\$366,509.33	\$287,198.53	\$156,612.36	\$228,868.69	\$3,930,404.90	\$1,209,347.93
													\$5,135,752.83	
Approved WA Amount		10/7/2013	11/6/2013	12/4/2013	1/10/2014	2/11/2014	3/10/2014	4/11/2014	5/7/2014	6/9/2014	7/9/2014	8/8/2014	WA Total Billed	WA Balance
WA#1	\$909,960.63												\$909,960.63	\$0.00
WA#2	\$0.00													\$0.00
WA#3	\$57,750.00												\$57,750.00	\$0.00
WA#4 *	\$694,355.85												\$694,355.85	\$0.00
WA#5 *	\$769,236.96												\$769,236.96	\$0.00
WA#6	\$689,834.33												\$689,834.33	\$0.00
S#1 to WA#6	\$81,309.04												\$81,309.04	\$0.00
S#2 to WA#6	\$149,120.30												\$149,120.30	\$0.00
S#3 to WA#6	\$346,720.31	\$20,169.54	\$19,094.27	\$14,765.68									\$346,720.31	\$0.00
S#4 to WA#6	\$1,437,465.41	\$164,046.85	\$302,260.12	\$354,321.38	\$325,100.77	\$5,589.32							\$1,437,465.41	\$0.00
S#5 to WA#6	\$117,054.83				\$167.89	\$29,095.82			\$3,511.64	\$46,821.94	\$37,457.54		\$117,054.83	\$0.00
S#6 to WA#6	\$0.00												\$0.00	\$0.00
S#7 to WA#6	\$64,990.00												\$61,740.50	\$3,249.50
WA#8	\$574,581.59					\$230,364.83	\$229,635.17						\$460,000.00	\$114,581.59
S#1 to WA#8	\$114,581.59												\$0.00	-\$114,581.59
WA#9	\$10,340,781.60								\$256,950.00	\$291,026.72	\$322,106.42	\$276,314.34	\$1,503,721.90	\$8,837,059.70
WA#10	\$285,984.85								\$42,921.15	\$42,921.15	\$42,921.15	\$42,921.16	\$214,605.76	\$71,379.09
WA#11	\$49,034.16								\$18,534.16	\$30,500.00			\$49,034.16	\$0.00
WA#12	\$180,053.72								\$43,212.89	\$51,212.70	\$35,330.85	\$33,245.23	\$180,053.72	\$0.00
WA#13	\$89,062.56								\$21,352.31	\$23,352.30	\$33,016.83	\$9,236.88	\$86,958.32	\$2,104.24
WA#14	\$399,355.20								\$56,448.59	\$41,676.92	\$98,387.70	\$159,658.10	\$356,171.31	\$43,183.89
WA#15	\$80,256.47								\$80,256.47				\$80,256.47	\$0.00
WA#16	\$215,571.04										\$34,540.00	\$48,253.63	\$82,793.63	\$132,777.41
WA#17	\$110,078.54										\$44,531.75	\$44,531.75	\$44,531.75	\$65,546.79
	\$17,527,975.80	\$184,216.39	\$321,354.39	\$369,087.06	\$325,268.66	\$265,049.97	\$229,635.17	\$361,618.20	\$577,229.58	\$512,209.58	\$682,440.19	\$614,161.09	\$8,372,675.18	\$9,155,300.62
													\$17,527,975.80	

Prepared by:
P. Rodriguez, PE
Tx PE #85,567
2/9/2016



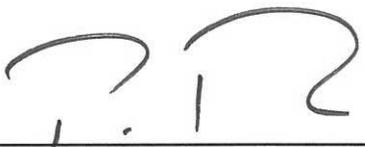
HCRMA

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

REQUEST FOR RECOMMENDATION ON PAYMENT

To: Pilar Rodriguez

Month and Year	January 2016	
Contractor	Dannenbaum	
Project/WA	HCRMA	
Invoice #	4652-01/51/XV	Date: 2/8/2016
Amount	\$ 159,687.99	
Date Received	2/09/2016	

Recommendation:	<u>P.R.</u> Approval	_____ Disapproval
Comments:		
		
_____ Pilar Rodriguez, Executive Director	<u>2/9/2016</u>	_____ Date

DANNENBAUM ENGINEERING CORPORATION

1109 NOLANA LOOP, SUITE 208 MCALLEN, TEXAS 78504 (956) 682-3677

ENGINEERING
EXCELLENCE
SINCE
1945

February 8, 2016

Pilar Rodriguez, P.E. Executive Director
HCRMA
118 S. Cage Blvd, 4th Floor
Pharr, Texas 78577

**Re: Hidalgo County Regional Mobility Authority (HCRMA) –
Invoice for Work Authorization No. 1 (4652-01/51/XV)**

Dear Mr. Rodriguez,

Enclosed please find Invoice 465201/51/XV for all Supplements to W.A. No. ~~6~~⁹ and W.A. No. 20 totaling \$159,687.99 of which Dannenbaum's fee \$142,787.99 with remaining being sub consultants with Dannenbaum receiving no markup.

This total includes:

- \$ 0.00 for S.W.A. No. 1 to W.A. No. 6 at 100%
- \$ 0.00 for S.W.A. No. 2 to W.A. No. 6 at 100%
- \$ 0.00 for S.W.A. No. 3 to W.A. No. 6 at 100%
- \$ 0.00 for S.W.A. No. 4 to W.A. No. 6 at 100%
- \$ 0.00 for S.W.A. No. 5 to W.A. No. 6 at 100%
- \$ 0.00 for S.W.A. No. 5 & No. 7 to W.A. No. 6 at 100%
- \$ 0.00 for S.W.A. No. 6 to W.A. No. 6 (Replaced Supplemental No. 6 to W.A. No. 6) at 100%
- \$ 0.00 for W.A. No. 8 at 100%
- \$ 152,787.99 for W.A. No. 9
- \$ 0.00 for W.A. No. 10 at 100%
- \$ 0.00 for W.A. No. 11 at 100%
- \$ 0.00 for W.A. No. 12 at 100%
- \$ 0.00 for W.A. No. 13 at 100%
- \$ 0.00 for W.A. No. 14 at 100%
- \$ 0.00 for W.A. No. 15 at 100%
- \$ 0.00 for W.A. No. 16 at 78.26%
- \$ 0.00 for W.A. No. 17 at 100%
- \$ 0.00 for W.A. No. 18 at 100%
- \$ 0.00 for W.A. No. 19 at 100%
- \$ 6,900.00 for W.A. No. 20 at 2.30%

2/9/2016

Approved for

Payment?

P. R.

For Program Management Consultant Services performed for the Hidalgo County Regional Mobility Authority (HCRMA). We have enclosed a Progress Report to support our invoice.

The billing cycle is from January 1, 2016 through January 31, 2016.

Total due this invoice is \$159,687.99.

If you have any questions, please feel free to contact me at (956) 682-3677 or (832) 771-4904.

Sincerely,



Louis H. Jones, Jr., P.E.
Program Manager

Enclosure(s)

cc: Richard D. Seitz, P.E. - Dannenbaum Engineering Corporation
Gustavo O. Lopez, P.E. – Dannenbaum Engineering Corporation
Eric Davila, P.E. – Dannenbaum Engineering Corporation

DANNENBAUM ENGINEERING CORPORATION

1109 NOLANA LOOP, SUITE 208 MCALLEN, TEXAS 78504 (956) 682-3677 (956) 686-1822

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
118 South Cage Boulevard, 4th Floor
Pharr, Texas 78577

Project Name: HCRMA Program Management Consultant Contract
Work Authorization No. 1 through No. 20

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

INVOICE SUMMARY

WORK ORDER NO.	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	Research Planning/Immediate Operations Phase	\$909,960.63	100.00%	\$909,960.63	\$909,960.63	\$0.00
2	Advanced Planning for La Joya Relief Route (NOT APPROVED)	\$0.00	0.00%	\$0.00	\$0.00	\$0.00
3	Title Reports for TCC	\$57,750.00	100.00%	\$57,750.00	\$57,750.00	\$0.00
4	Engineering Management/Partial Operations Implementation/Public Outreach	\$694,355.85	100.00%	\$694,355.85	\$694,355.85	\$0.00
5	Engineering Management/Partial Operations Implementation/Public Outreach	\$769,236.96	100.00%	\$769,236.96	\$769,236.96	\$0.00
6	Engineering Management/Partial Operations Implementation/Public Outreach	\$689,834.33	100.00%	\$689,834.33	\$689,834.33	\$0.00
SWA 1 to WO 6	Sketch Level Assessment of Potential Truck Diversion from Nogales Poe to Texas	\$81,309.04	100.00%	\$81,309.04	\$81,309.04	\$0.00
SWA 2 to WO 6	Value Engineering Report for SH 365	\$149,120.30	100.00%	\$149,120.30	\$149,120.30	\$0.00
SWA 3 to WO 6	IBTC Low Level Flight	\$346,720.31	100.00%	\$346,720.31	\$346,720.31	\$0.00
SWA 4 to WO 6	Engineering Management/Partial Operations Implementation/Public Outreach	\$1,437,465.41	100.00%	\$1,437,465.41	\$1,437,465.41	\$0.00
Replaced by SWA 5 to WO 6	SUE Services - SH 365	\$182,044.83	100.00%	\$182,044.83	\$182,044.83	\$0.00
SWAs 5 & 7 to WO 6	Systemwide Management & Project Management Tasks	\$460,000.00	100.00%	\$460,000.00	\$460,000.00	\$0.00
8 incl. SWA 1 to WO 8	Systemwide Management & Project Management Tasks - SH 365	\$5,165,553.00	60.33%	\$3,116,178.98	\$3,017,620.88	\$98,558.10
9 incl. SWA 1 to WO 9	Systemwide Management & Project Management Tasks - IBTC	\$5,175,228.60	38.89%	\$2,012,786.40	\$1,958,556.51	\$54,229.89
10	IBTC ROW Strip Map Development	\$285,984.85	100.00%	\$285,984.85	\$285,984.85	\$0.00
11	IBTC Update Topo Survey due to VE Changes	\$49,034.16	100.00%	\$49,034.16	\$49,034.16	\$0.00
12	TRZ No. 2 / HCAD Tax Database Update	\$180,053.72	100.00%	\$180,053.72	\$180,053.72	\$0.00
13	IBTC Environmental Assessment (Regional Toll Analysis)	\$89,062.56	100.00%	\$89,062.56	\$89,062.56	\$0.00
14	Investment Grade Traffic & Revenue Study for SH365 & IBTC	\$399,355.20	100.00%	\$399,355.20	\$399,355.20	\$0.00
15	TIGER VI Grant Preparation	\$80,256.47	100.00%	\$80,256.47	\$80,256.47	\$0.00
16	Hydrologic & Hydraulic Studies	\$215,571.04	78.26%	\$168,706.13	\$168,706.13	\$0.00
17	Traffic Projections for Intersections along SH 365 & IBTC	\$110,078.54	100.00%	\$110,078.54	\$110,078.54	\$0.00
18	IBTC SUE Services	\$355,355.20	100.00%	\$355,355.20	\$355,355.20	\$0.00
19	Scenario Analysis on SH 365 Traffic and Revenue	\$21,770.44	100.00%	\$21,770.44	\$21,770.44	\$0.00
20	SH 365 & IBTC Traffic and Revenue Study Update	\$299,649.23	2.30%	\$6,900.00	\$0.00	\$6,900.00
TOTALS		\$18,204,750.67	69.51%	\$12,653,320.31	\$12,493,632.32	\$159,687.99

P. J. Ray →
2/9/2016
\$159,687.99

TOTAL DUE THIS INVOICE:

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Westlaco, Texas 78596

Work Order No. 1:
Research Planning/Immediate Operations Phase

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	Research/Analyze/Gather all documents and develop Prog. Mgt. Plan (4 Months)	\$605,919.26	100.00%	\$605,919.26	\$605,919.26	\$0.00
2	Review/Monitor/Report/Implement All TxDOT Pass Thru / Toll Agreements (4 mo)	\$11,546.14	100.00%	\$11,546.14	\$11,546.14	\$0.00
3	Rev./Analyze TRZ for the entire HCRMA Rdwy. Sys. incld. La Joya Relief Rte.	\$18,983.62	100.00%	\$18,983.62	\$18,983.62	\$0.00
4	Gen. Eng. Consult. (GEC) Mgt. including contract negotiations (4 months)	\$173,210.21	100.00%	\$173,210.21	\$173,210.21	\$0.00
5	Procurement / Negotiations of Prof. Svcs.	\$27,248.50	100.00%	\$27,248.50	\$27,248.50	\$0.00
ODC	Direct Expenses	\$73,052.90	100.00%	\$73,052.90	\$73,052.90	\$0.00
	TOTALS	\$909,960.63	100.00%	\$909,960.63	\$909,960.63	\$0.00

TOTAL DUE WORK ORDER NO. 1:

\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 1:
Research Planning/Immediate Operations Phase

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
TASK 1 Research/Analyze/Gather all documents and develop Prog. Mgt. Plan (4 Months)					
A. Research/Analyze/Gather all existing documents					
1. Organize/Analyze all documents received	\$ 35,455.62	100.00%	\$35,455.62	\$35,455.62	\$0.00
2. Review/Comment all consultant contracts	\$ 3,709.14	100.00%	\$3,709.14	\$3,709.14	\$0.00
3. Review/Analyze all schematics including North of US 83	\$ 75,561.96	100.00%	\$75,561.96	\$75,561.96	\$0.00
5. Review/Analyze/Comment on all financial studies	\$ 8,122.08	100.00%	\$8,122.08	\$8,122.08	\$0.00
6. Review/Analyze/Comment on all TxDOT comments on all existing documents	\$ 6,868.84	100.00%	\$6,868.84	\$6,868.84	\$0.00
B. Review Exist. Quantities/Estimates and Prep. Cursive Review of Proj. Dev. Cost Est. on all projects					
1. SH 365 / TCC (All Sections)	\$ 18,708.04	100.00%	\$18,708.04	\$18,708.04	\$0.00
2. IBTC All Sections	\$ 10,997.72	100.00%	\$10,997.72	\$10,997.72	\$0.00
3. US 281 Military Highway Overpass	\$ 10,875.76	100.00%	\$10,875.76	\$10,875.76	\$0.00
4. US 83 Connector to FM 495	\$ 6,917.40	100.00%	\$6,917.40	\$6,917.40	\$0.00
5. La Joya Relief Route Segment No. 1	\$ 11,046.28	100.00%	\$11,046.28	\$11,046.28	\$0.00
6. All Segments - North of US 83	\$ 19,838.44	100.00%	\$19,838.44	\$19,838.44	\$0.00
C. Develop Program Management Plan which includes the following components:					
2. Quality Control Plan	\$ 7,727.18	100.00%	\$7,727.18	\$7,727.18	\$0.00
3. Cost Control Plan	\$ 40,535.94	100.00%	\$40,535.94	\$40,535.94	\$0.00
4. Schedule Management / Tracking Plan	\$ 13,402.16	100.00%	\$13,402.16	\$13,402.16	\$0.00
5. Document Control Plan	\$ 11,459.16	100.00%	\$11,459.16	\$11,459.16	\$0.00
6. Financial Implementation Plan	\$ 74,782.58	100.00%	\$74,782.58	\$74,782.58	\$0.00
7. Right-of-way Acquisition Management Plan (Refer to Aranda & Associates)	\$ 11,098.50	100.00%	\$11,098.50	\$11,098.50	\$0.00
8. Utility Relocation Plan	\$ 8,301.76	100.00%	\$8,301.76	\$8,301.76	\$0.00
10. Environmental Document/Clearance/Permit Plan	\$ 6,502.26	100.00%	\$6,502.26	\$6,502.26	\$0.00
- SH365/TCC-Environmental-Atkins (formerly PBSJ)	\$ 20,194.80	100.00%	\$20,194.80	\$20,194.80	\$0.00
- IBTC-Environmental-Atkins (formerly PBSJ)	\$ 8,855.48	100.00%	\$8,855.48	\$8,855.48	\$0.00
- La Joya Bypass Phase I-B/TxDOT/Atkins	\$ 14,282.10	100.00%	\$14,282.10	\$14,282.10	\$0.00
12. Project Development / Capital Improvement Plan / Strategic Plan (CIP)	\$ 146,529.12	100.00%	\$146,529.12	\$146,529.12	\$0.00
13. General Engineering Consultant Plan Management (GEC Plan)	\$ 3,687.16	100.00%	\$3,687.16	\$3,687.16	\$0.00
14. Develop Budget for PMC Program for next 7 years	\$ 30,459.78	100.00%	\$30,459.78	\$30,459.78	\$0.00
TASK 2 Review/Monitor/Report/Implement All TxDOT Pass Thru / Toll Agreements (4 mo)					
A. Review/Monitor/Report/Implement All TxDOT Pass Thru / Toll Agreements which includes:					
1. SH 365 / Trade Corr. Conn. (TCC)(14.9 Mi.), includ. 1.97 mi. Anzalduas GSA Fac. Connect.					
- Review Agreement	\$ 1,379.80	100.00%	\$1,379.80	\$1,379.80	\$0.00
- Monitor Agreement (4 months)	\$ 750.62	100.00%	\$750.62	\$750.62	\$0.00
2. US 281 / Military Hwy Overpass					
- Review Agreement	\$ 1,379.80	100.00%	\$1,379.80	\$1,379.80	\$0.00
- Monitor Agreement	\$ 750.62	100.00%	\$750.62	\$750.62	\$0.00
3. La Joya Relief Route (Phase I)(8.3 Miles)					
- Review Agreement	\$ 1,379.80	100.00%	\$1,379.80	\$1,379.80	\$0.00
- Negotiate Agreement (1 meeting / 8 hrs / mtg) - Austin	\$ 5,154.88	100.00%	\$5,154.88	\$5,154.88	\$0.00
- Monitor Agreement	\$ 750.62	100.00%	\$750.62	\$750.62	\$0.00
4. US 281 - Falfurrias Toll Road					
- Review Agreement	\$ -	0.00%	\$0.00	\$0.00	\$0.00
- Negotiate Agreement (2 meeting / 8 hrs / mtg) - Austin	\$ -	0.00%	\$0.00	\$0.00	\$0.00
- Monitor Agreement	\$ -	0.00%	\$0.00	\$0.00	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 1:
Research Planning/Immediate Operations Phase

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
TASK 3 Rev./Analyze TRZ for the entire HCRMA Rdwy. Sys. incld. La Joya Relief Rte.					
A. Rev./Analyze Trans.Reinvest. Zone (TRZ) for the entire Loop Proj. incld. the La Joya Relief Rte.					
1. Meet w/ Authority / County (2 mtgs @ 4 hrs / mtg)	\$ 5,044.16	100.00%	\$5,044.16	\$5,044.16	\$0.00
2. Prepare Exhibit / Hold One Public Mtg (1 mtg @ 4 hrs / mtg)	\$ 6,344.34	100.00%	\$6,344.34	\$6,344.34	\$0.00
3. Modify Metes & Bounds for TRZ Boundary (paper only)	\$ 7,595.12	100.00%	\$7,595.12	\$7,595.12	\$0.00
TASK 4 Gen. Eng. Consult. (GEC) Mgt. including contract negotiations (4 months)					
A. General Project Management / Governmental Liaison (4 Months)					
1. Prepare/Review PMC Team consultant contract	\$ 9,362.32	100.00%	\$9,362.32	\$9,362.32	\$0.00
2. Prepare monthly PMC Invoice	\$ 4,399.04	100.00%	\$4,399.04	\$4,399.04	\$0.00
3. Prepare monthly PMC progress reports	\$ 5,939.02	100.00%	\$5,939.02	\$5,939.02	\$0.00
4. Attend monthly HCRMA board meetings (4 hrs / mtg / mo)	\$ 7,559.36	100.00%	\$7,559.36	\$7,559.36	\$0.00
5. Attend monthly HCRMA planning meetings (2 hrs / mtg / mo)	\$ 4,265.44	100.00%	\$4,265.44	\$4,265.44	\$0.00
6. Attend monthly HCRMA exed comm meetings (2 hrs / mtg / mo)	\$ 3,779.68	100.00%	\$3,779.68	\$3,779.68	\$0.00
7. Attend monthly MPO meetings (2 hrs / mtg / mo)	\$ 3,779.68	100.00%	\$3,779.68	\$3,779.68	\$0.00
8. Attend monthly TxDot meetings (Austin) (8 hrs / mtg / mo)	\$ 11,329.84	100.00%	\$11,329.84	\$11,329.84	\$0.00
9. Attend various meetings (local/state) (4 per month) (2 hrs / mtg / mo)	\$ 7,195.04	100.00%	\$7,195.04	\$7,195.04	\$0.00
10. Attend meeting in Washington DC (one meeting per 4 months) (3 days / mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
11. Governmental Liaison	\$ 5,060.84	100.00%	\$5,060.84	\$5,060.84	\$0.00
12. Assist/plan/meet/negotiate with all cities in Hidalgo Co. on ordinance to increase truck usage of Toll Facilities	\$ 17,344.00	100.00%	\$17,344.00	\$17,344.00	\$0.00
B. General Engineering Consultant (GEC) Management of the following (4 Months)					
1. SH365/TCC - Environmental - Atkins (formerly PBSJ)					
- Review / Analyze / Comment on Consultant Contracts	\$ 1,084.58	100.00%	\$1,084.58	\$1,084.58	\$0.00
- Review / Analyze / Comment on all existing schematics; plans; reports; design parameters, etc.	\$ 1,713.76	100.00%	\$1,713.76	\$1,713.76	\$0.00
- Oversee / Manage contract from 10/01/11 to 02/01/12	\$ 2,709.56	100.00%	\$2,709.56	\$2,709.56	\$0.00
2. IBTC - Environmental - Atkins (formerly PBSJ)					
- Review / Analyze / Comment on Consultant Contracts	\$ -	0.00%	\$0.00	\$0.00	\$0.00
- Review / Analyze / Comment on all existing schematics; plans; reports; design parameters, etc.	\$ -	0.00%	\$0.00	\$0.00	\$0.00
- Oversee / Manage contract from 10/01/11 to 02/01/12	\$ -	0.00%	\$0.00	\$0.00	\$0.00
3. SH365/TCC (FM 1016 to E 23rd) - Survey/R.O.W. - DOS Logistics, Inc.					
- Review / Analyze / Comment on Consultant Contracts	\$ 2,311.78	100.00%	\$2,311.78	\$2,311.78	\$0.00
- Review / Analyze / Comment on all existing schematics; plans; reports; design parameters, etc.	\$ 7,817.78	100.00%	\$7,817.78	\$7,817.78	\$0.00
- Oversee / Manage contract from 10/01/11 to 02/01/12	\$ 5,761.03	100.00%	\$5,761.03	\$5,761.03	\$0.00
4. SH365/TCC (E 23rd to IBTC) - Survey/R.O.W. - Quintanilla Headley					
- Review / Analyze / Comment on Consultant Contracts	\$ 3,364.88	100.00%	\$3,364.88	\$3,364.88	\$0.00
- Review / Analyze / Comment on all existing schematics; plans; reports; design parameters, etc.	\$ 4,551.21	100.00%	\$4,551.21	\$4,551.21	\$0.00
- Oversee / Manage contract from 10/01/11 to 02/01/12	\$ 5,035.57	100.00%	\$5,035.57	\$5,035.57	\$0.00
5. SH 365 / TCC (Toll / Pass Thru) - Seg. 1 - FM1016 to Anzalduas - Eng. / Geotech - L&G Eng.					
- Review / Analyze / Comment on Consultant Contracts	\$ 1,893.58	100.00%	\$1,893.58	\$1,893.58	\$0.00
- Review / Analyze / Comment on all existing schematics; plans; reports; design parameters, etc.	\$ 7,559.36	100.00%	\$7,559.36	\$7,559.36	\$0.00
- Oversee / Manage contract from 10/01/11 to 02/01/12	\$ 3,473.54	100.00%	\$3,473.54	\$3,473.54	\$0.00
- Review / Analyze / Prepare independent construction cost estimates	\$ 1,563.16	100.00%	\$1,563.16	\$1,563.16	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 1: Research Planning/Immediate Operations Phase
 Invoice Number: 465201/51/XV
 Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
TASK 4 Gen. Eng. Consult. (GEC) Mgt. including contract negotiations (4 months) Continued					
B. General Engineering Consultant (GEC) Management of the following (4 Months)(Cont.)					
6. SH365/TCC at Anzalduas - Engineering/Geotech - L&G Engineering 1A					
- Review / Analyze / Comment on Consultant Contracts	\$ 3,381.24	100.00%	\$3,381.24	\$3,381.24	\$0.00
- Review / Analyze / Comment on all existing schematics; plans; reports; design parameters, etc.	\$ 3,916.50	100.00%	\$3,916.50	\$3,916.50	\$0.00
- Oversee / Manage contract from 10/01/11 to 02/01/12	\$ 2,359.24	100.00%	\$2,359.24	\$2,359.24	\$0.00
7. SH 365 / TCC (Toll / Pass Thru) — Seg. 1B — Anz. GSA Conn. to E. of 23rd — Eng. / Geo. - L&G Eng.					
- Review / Analyze / Comment on Consultant Contracts	\$ 2,298.96	100.00%	\$2,298.96	\$2,298.96	\$0.00
- Review / Analyze / Comment on all existing schematics; plans; reports; design parameters, etc.	\$ 7,775.94	100.00%	\$7,775.94	\$7,775.94	\$0.00
- Oversee / Manage contract from 10/01/11 to 02/01/12	\$ 2,988.42	100.00%	\$2,988.42	\$2,988.42	\$0.00
8. SH 365 / TCC (Toll / Pass Thru) — Seg. 2 — E. of 23rd to IBTC — Eng. / Geo. - S&B Infra.					
- Review / Analyze / Comment on Consultant Contracts	\$ 3,186.94	100.00%	\$3,186.94	\$3,186.94	\$0.00
- Review / Analyze / Comment on all existing schematics; plans; reports; design parameters, etc.	\$ 6,107.56	100.00%	\$6,107.56	\$6,107.56	\$0.00
- Oversee / Manage contract from 10/01/11 to 02/01/12	\$ 4,775.06	100.00%	\$4,775.06	\$4,775.06	\$0.00
9. US 281/Military Overpass - Engineering/Geotech/Survey - TEDSI Infrastructure					
- Review / Analyze / Comment on Consultant Contracts	\$ 3,186.94	100.00%	\$3,186.94	\$3,186.94	\$0.00
- Review / Analyze / Comment on all existing schematics; plans; reports; design parameters, etc.	\$ 2,153.24	100.00%	\$2,153.24	\$2,153.24	\$0.00
- Oversee / Manage contract from 10/01/11 to 02/01/12	\$ 2,226.12	100.00%	\$2,226.12	\$2,226.12	\$0.00
10. US 83 Connector to FM 495 - Eng./Geotech/Survey - S&B Infrastructure					
- Review / Analyze / Comment on Consultant Contracts	\$ -	0.00%	\$0.00	\$0.00	\$0.00
- Review / Analyze / Comment on all existing schematics; plans; reports; design parameters, etc.	\$ -	0.00%	\$0.00	\$0.00	\$0.00
- Oversee / Manage contract from 10/01/11 to 02/01/12	\$ -	0.00%	\$0.00	\$0.00	\$0.00
TASK 5 Procurement / Negotiations of Prof. Svcs.					
A. Procurement/Negotiations of Prof. Svcs. of the following: (4 months)					
1. SH 365 / TCC - Seg. 1 - ROW Acquisition/Title Company	\$ -	0.00%	\$0.00	\$0.00	\$0.00
2. SH 365 / TCC - Seg. 1A - ROW Acquisition/Title Company	\$ -	0.00%	\$0.00	\$0.00	\$0.00
3. SH 365 / TCC - Seg. 1B - ROW Acquisition/Title Company	\$ -	0.00%	\$0.00	\$0.00	\$0.00
4. SH 365 / TCC - Seg. 2 - ROW Acquisition/Title Company	\$ -	0.00%	\$0.00	\$0.00	\$0.00
5. IBTC Seg. 1-5 - Engineering (One Procurement up to Five(5) Firms)	\$ 10,628.66	100.00%	\$10,628.66	\$10,628.66	\$0.00
6. IBTC Seg. 1-5 - Survey (One Procurement up to Five(5) Firms)	\$ 10,628.66	100.00%	\$10,628.66	\$10,628.66	\$0.00
7. IBTC Seg. 1-5 - ROW Acquisition/Title Company	\$ -	0.00%	\$0.00	\$0.00	\$0.00
8. IBTC Geotech Total Project	\$ -	0.00%	\$0.00	\$0.00	\$0.00
9. US 83 Connector to SH 495 - ROW Acquisition/Title Company	\$ -	0.00%	\$0.00	\$0.00	\$0.00
10. US 281 (Military) Overpass at San Juan - ROW Acquisition/Title Company	\$ -	0.00%	\$0.00	\$0.00	\$0.00
11. La Joya Relief Route Corridor Seg. 1 - Environmental/Schematic (Update / Finalize)/Engineering	\$ 5,991.18	100.00%	\$5,991.18	\$5,991.18	\$0.00
12. La Joya Relief Route Corridor Seg. 1 - Geotech	\$ -	0.00%	\$0.00	\$0.00	\$0.00
13. La Joya Relief Route Corridor Seg. 1 - Survey	\$ -	0.00%	\$0.00	\$0.00	\$0.00
14. La Joya Relief Route Corridor Seg. 1 - ROW Acquisition/Title Co.	\$ -	0.00%	\$0.00	\$0.00	\$0.00
15. Toll Consultant / Traffic Management - system wide	\$ -	0.00%	\$0.00	\$0.00	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 1: Research Planning/Immediate Operations Phase Invoice Number: 465201/51XV Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
DIRECT EXPENSES					
Lodging / Hotel (\$100.00 / DAY)	\$ 1,235.00	100.00%	\$1,235.00	\$1,235.00	\$0.00
Meals (\$30.00 / DAY)	\$ 834.00	100.00%	\$834.00	\$834.00	\$0.00
Rental Car	\$ 1,770.00	100.00%	\$1,770.00	\$1,770.00	\$0.00
Air Travel	\$ 2,750.00	100.00%	\$2,750.00	\$2,750.00	\$0.00
Parking	\$ 154.00	100.00%	\$154.00	\$154.00	\$0.00
Overnight Mail - letter size	\$ 3,450.00	100.00%	\$3,450.00	\$3,450.00	\$0.00
Photocopies B/W (8.5 X 11)	\$ 709.90	100.00%	\$709.90	\$709.90	\$0.00
Photocopies B/W (11 X 17)	\$ 620.00	100.00%	\$620.00	\$620.00	\$0.00
Photocopies Color (8.5 X 11)	\$ 710.00	100.00%	\$710.00	\$710.00	\$0.00
Photocopies Color (11 X 17)	\$ 750.00	100.00%	\$750.00	\$750.00	\$0.00
Color Graphics on Foam Board	\$ 70.00	100.00%	\$70.00	\$70.00	\$0.00
Public Outreach Liaison	\$ 60,000.00	100.00%	\$60,000.00	\$60,000.00	\$0.00
CPA/Accounting Support Services	\$ -	0.00%	\$0.00	\$0.00	\$0.00
IT Support Services	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Appraiser	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Totals	\$ 909,960.63		\$ 909,960.63	\$ 909,960.63	\$ -

Amount Due This Invoice

\$ - ✓

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 3:
Title Report for TCC

Invoice Number:
Invoice Period:

465201/51/XV
01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	Provide Title Reports	\$57,750.00	100.00%	\$57,750.00	\$57,750.00	\$0.00
	TOTALS	\$57,750.00	100.00%	\$57,750.00	\$57,750.00	\$0.00

TOTAL DUE WORK ORDER NO. 3:

\$0.00 ✓

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 4:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
A	Coordinate / Update / Assist Executive Director	\$8,958.03	100.00%	\$8,958.03	\$8,958.03	\$0.00
B	Attend / Prepare Data / Report on Various Meetings (4.0 Months)	\$58,185.85	100.00%	\$58,185.85	\$58,185.85	\$0.00
C	Coordinate With HCMPO to Modify Short/ Long Term TIP to Account for Approved Strategy	\$2,711.90	100.00%	\$2,711.90	\$2,711.90	\$0.00
D	Negotiate / Coordinate with TxDOT on Pass Thru Agreement Modifications for SH 365 TCC / La Joya Relief Route / US 281	\$18,512.54	100.00%	\$18,512.54	\$18,512.54	\$0.00
E	Implement Interim Cost Accounting System Utilizing Dannenbaum Cost Accounting System	\$22,926.32	100.00%	\$22,926.32	\$22,926.32	\$0.00
F	Organize / Develop HCRMA Files By Project (Electronic and Hardcopy) - RMA Will Provide For Koil and Temporary Secretaries)	\$19,183.08	100.00%	\$19,183.08	\$19,183.08	\$0.00
G	Coordinate with Hidalgo County Appraisal District on TRZ Inputs and Agreements	\$15,564.04	100.00%	\$15,564.04	\$15,564.04	\$0.00
H	Implement Public Outreach Program Managing with Assistance from Consultant (Pathfinder) and others	\$20,830.08	100.00%	\$20,830.08	\$20,830.08	\$0.00
I	Public Outreach Meetings including Negotiations of Truck Restrictions with the following Cities (Including Travel and Preparation for Meeting) (4.0 Months):	\$19,983.36	100.00%	\$19,983.36	\$19,983.36	\$0.00
J	Oversee C&M Associates, Inc., in Developing the Update of the T&R Studies / Financing Alternatives (FSW) (4.0 Months)	\$74,767.90	100.00%	\$74,767.90	\$74,767.90	\$0.00
K	IBTC (3.0 Months)	\$25,337.35	100.00%	\$25,337.35	\$25,337.35	\$0.00
L	SH 365 / TCC (Modified) (Inc. TCC at GSA Anzalduas Bridge)(4.0 Months)	\$216,358.43	100.00%	\$216,358.43	\$216,358.43	\$0.00
M	US 281 / Military (3.0 Months)	\$24,156.47	100.00%	\$24,156.47	\$24,156.47	\$0.00
ODC	Direct Expenses	\$166,880.50	100.00%	\$166,880.50	\$166,880.50	\$0.00
TOTALS		\$694,355.85	100.00%	\$694,355.85	\$694,355.85	\$0.00

TOTAL DUE WORK ORDER NO. 4:

\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 4:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 46520151/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
A. Coordinate / Update / Assist Executive Director					
1.) Educate Executive Director on Historical Activities / Budgets / Cost Accounting / Program Management Plan and QA/QC Plan (Including Bi-Monthly Mtgs (2 hrs/Wk x 9 Wks)	\$ 8,958.03	100.00%	\$8,958.03	\$8,958.03	\$0.00
B. Attend / Prepare Data / Report on Various Meetings (4.0 Months)					
1. HCRMA Board Meetings Including Presentation (Monthly) (5 Mts @ 4 hrs/Mtg) (Inc. Prep Time)	\$ 16,401.80	100.00%	\$16,401.80	\$16,401.80	\$0.00
2. HCRMA Planning Committee Meetings (5 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 4,694.28	100.00%	\$4,694.28	\$4,694.28	\$0.00
3. HCRMA Finance Committee Meetings (5 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 4,694.28	100.00%	\$4,694.28	\$4,694.28	\$0.00
4. HCRMA MPO Policy Committee Meeting (5 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 4,694.28	100.00%	\$4,694.28	\$4,694.28	\$0.00
5. HCRMA MPO Tech Committee Meeting (5 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 4,694.28	100.00%	\$4,694.28	\$4,694.28	\$0.00
6. Various Individual HCRMA Mtgs w/ Board (3 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 2,130.42	100.00%	\$2,130.42	\$2,130.42	\$0.00
7. Hidalgo County Meetings w/Staff (2 Mtgs. @2 hr. / Mtg.) (Inc. Prep Time)	\$ 2,023.44	100.00%	\$2,023.44	\$2,023.44	\$0.00
8. Hidalgo County Commissioner Precinct No. 1 (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,379.80	100.00%	\$1,379.80	\$1,379.80	\$0.00
9. Hidalgo County Commissioner Precinct No. 2 (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,379.80	100.00%	\$1,379.80	\$1,379.80	\$0.00
10. Hidalgo County Commissioner Precinct No. 3 (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,379.80	100.00%	\$1,379.80	\$1,379.80	\$0.00
11. Hidalgo County Commissioner Precinct No. 4 (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,379.80	100.00%	\$1,379.80	\$1,379.80	\$0.00
12. Attend Meetings TxDOT-Pharr (3 Mtgs. @ 2 hrs. / Mtg.) (Inc. Prep Time)	\$ 4,371.02	100.00%	\$4,371.02	\$4,371.02	\$0.00
13. Attend Meetings TxDOT-Austin includes Travel (3 Mtgs. @ 10 hrs. / Mtg.)	\$ 6,777.56	100.00%	\$6,777.56	\$6,777.56	\$0.00
14. Attend Meetings With Senator Hinojosa (3 Mtgs. @ 2 hrs. / Mtg.)	\$ 2,185.29	100.00%	\$2,185.29	\$2,185.29	\$0.00
C. Coordinate With HCRMA to Modify Short/ Long Term TIP to Account for Approved Strategy	\$ 2,711.90	100.00%	\$2,711.90	\$2,711.90	\$0.00
D. Negotiate / Coordinate with TxDOT on Pass Thru Agreement Modifications for SH 365 TCC / La Joya Relief Route / US 281					
1. Meet / Coordinate With TxDOT Pharr (2 Mtgs. @ 4 hrs. / Mtg.)	\$ 3,954.36	100.00%	\$3,954.36	\$3,954.36	\$0.00
2. Meet / Coordinate With TxDOT Austin (1 Mtg @ 10 hrs. / Mtg.)	\$ 4,694.28	100.00%	\$4,694.28	\$4,694.28	\$0.00
3. Finalize Pass Thru Agreements	\$ 9,863.90	100.00%	\$9,863.90	\$9,863.90	\$0.00
E. Implement Interim Cost Accounting System Utilizing Dannenbaum Cost Accounting System					
1. Input Data for Development of Monthly Reports for HCRMA Board	\$ 12,042.32	100.00%	\$12,042.32	\$12,042.32	\$0.00
2. Modify Monthly Reports for HCRMA Needs	\$ 5,697.02	100.00%	\$5,697.02	\$5,697.02	\$0.00
3. Input Monthly Data and Produce Final Reports for May, June, July and August 2012	\$ 5,186.98	100.00%	\$5,186.98	\$5,186.98	\$0.00
F. Organize / Develop HCRMA Files By Project (Electronic and Hardcopy) - RMA Will Provide Flor Koll and Temporary Secretaries)					
G. Coordinate with Hidalgo County Appraisal District on TRZ Inputs and Agreements	\$ 19,183.08	100.00%	\$19,183.08	\$19,183.08	\$0.00
H. Implement Public Outreach Program Managing with Assistance from Consultant (Pathfinder) and others	\$ 15,564.04	100.00%	\$15,564.04	\$15,564.04	\$0.00
	\$ 20,830.08	100.00%	\$20,830.08	\$20,830.08	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 4: 465201/51/XV
Engineering Management/Partial Operations Implementation/Public Outreach
Invoice Number: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
L. Public Outreach Meetings including Negotiations of Truck Restrictions with the following Cities (Including Travel and Preparation for Meeting) (4.0 Months):					
1. City of Pharr (2 Mtgs)	\$ 3,976.32	100.00%	\$3,976.32	\$3,976.32	\$0.00
2. San Juan (1 Mtg)	\$ 2,013.60	100.00%	\$2,013.60	\$2,013.60	\$0.00
3. Donna (1 Mtg)	\$ 2,013.60	100.00%	\$2,013.60	\$2,013.60	\$0.00
4. Weslaco (1 Mtg)	\$ 2,013.60	100.00%	\$2,013.60	\$2,013.60	\$0.00
5. City of Mercedes (1 Mtg)	\$ 2,013.60	100.00%	\$2,013.60	\$2,013.60	\$0.00
6. City of Edcouch (0 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
7. City of McAllen (2 Mtgs.)	\$ 3,976.32	100.00%	\$3,976.32	\$3,976.32	\$0.00
8. City of Mission (2 Mtgs.)	\$ 3,976.32	100.00%	\$3,976.32	\$3,976.32	\$0.00
9. City of Penitas (0 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
10. City of Palmview (0 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
11. City of La Joya (0 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
J. Oversee C&M Associates, Inc., in Developing the Update of the T&R Studies / Financing Alternatives (FSW) (4.0 Months)					
1. SH 365 TCC / IBTC / Segment D & La Joya Relief Route (Assisted by HDR)	\$ 60,035.90	100.00%	\$60,035.90	\$60,035.90	\$0.00
2. Update Strategic Plan for New T&R No. 1 (Work with First Southwest)	\$ 14,732.00	100.00%	\$14,732.00	\$14,732.00	\$0.00
K. IBTC (3.0 Months)					
1. Modify RFP and Procure Engineering Services (Including Environmental and Low Level Flight)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
2. Oversee Local Environmental Clearance (Assisted by Blanton - Lead) (3.0 Months)	\$ 24,234.55	100.00%	\$24,234.55	\$24,234.55	\$0.00
3. Oversee IBTC Drainage Studies from 8/1/2012 to 8/31/2012 (1 Month)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
4. Oversee Low Level Flight (8/1/2012 to 8/31/2012) (1 Month) (Assisted by Aranda & Associates - Lead)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
5. QA/QC Drainage Study (60%) (Next Work Authorization)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
6. QA/QC Low Level Flight (Aranda) (1 Month)	\$ 1,102.80	100.00%	\$1,102.80	\$1,102.80	\$0.00
7. Attend Meeting with USBWC (1) (Combined with TCC)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
8. Attend Meeting with USACOE (1) (Combined with TCC)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
9. Attend Meeting with US Fish and Wildlife (1)(Combined with TCC)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
L. SH 365 / TCC (Modified) (Inc. TCC at GSA Anzalduas Bridge)(4.0 Months)					
1. Oversee Environmental Clearance By Atkins (EA) (Assisted by Blanton & Assoc. - Lead)(5 Months)	\$ 60,919.52	100.00%	\$60,919.52	\$60,919.52	\$0.00
2. Oversee Drainage Studies Produced By L&G Engineering / S&B Infrastructure	\$ 17,089.64	100.00%	\$17,089.64	\$17,089.64	\$0.00
3. QA/QC Drainage Study (60%)	\$ 9,158.68	100.00%	\$9,158.68	\$9,158.68	\$0.00
4. Attend Meeting With USBWC (1 Mtg. - El Paso)	\$ 4,046.88	100.00%	\$4,046.88	\$4,046.88	\$0.00
5. Attend Meeting With USACOE (1 Mtg. - HST)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
6. Attend Meeting With US Fish & Wildlife (1 Mtg. - RGV)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
7. Attend Meeting With TxDOT Austin / FHWA (1 Mtg. - Austin)	\$ 3,227.59	100.00%	\$3,227.59	\$3,227.59	\$0.00
8. Oversee / Development of 4-Lane Schematic and Update Super Two Schematic / Utilities / Final Design Review TCC at GSA	\$ 72,546.95	100.00%	\$72,546.95	\$72,546.95	\$0.00
9. QA/QC Schematic (60%)	\$ 4,380.10	100.00%	\$4,380.10	\$4,380.10	\$0.00
10. Prepare Decision Matrix for Environmental Consultant	\$ 1,489.67	100.00%	\$1,489.67	\$1,489.67	\$0.00
11. Oversee Surveyors (DOS Logistics / Quintanilla) (Assisted by Aranda and Associates - Lead)	\$ 36,669.24	100.00%	\$36,669.24	\$36,669.24	\$0.00
12. Hold / Lead Public Involvement Meeting (1 Mtg.) Including Prepare Exhibits	\$ -	0.00%	\$0.00	\$0.00	\$0.00
13. Prepare Land Plan to Assist Hunt Development / City of McAllen to Evaluate Alternative Thru Hunt Property	\$ -	0.00%	\$0.00	\$0.00	\$0.00
14. Meet with Hunt Development (Mission - 2 Mtgs) (2 hrs / Mtg)(Inc. Prep Time)	\$ 6,830.16	100.00%	\$6,830.16	\$6,830.16	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 4: 465201/51/XV
 Engineering Management/Partial Operations Implementation/Public Outreach
 Invoice Number: 01/01/2016 - 01/31/2016
 Invoice Period:

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
M. US 281 / Military (3.0 Months)					
1. Oversee Environmental Clearance by Atkins (Categorical Exclusion -CE)(Assisted by Blanton & Associates) (4.0 Months)	\$ 5,034.52	100.00%	\$5,034.52	\$5,034.52	\$0.00
2. Oversee Engineer in Development of Route Studies / Schematic / Survey / PS&E Development (4.0 Months)	\$ 11,776.60	100.00%	\$11,776.60	\$11,776.60	\$0.00
3. QA/QC Route Study	\$ 1,277.95	100.00%	\$1,277.95	\$1,277.95	\$0.00
4. Meet With City of Pharr Including Development of Exhibits to Analyze US 281 / I Road / San Juan Area (2 Mths @ 2 hrs / Mtg)	\$ 6,067.40	100.00%	\$6,067.40	\$6,067.40	\$0.00
DIRECT EXPENSES					
Lodging / Hotel (\$100.00 / DAY)	\$ 1,537.50	100.00%	\$1,537.50	\$1,537.50	\$0.00
Meals (\$30.00 / DAY)	\$ 495.00	100.00%	\$495.00	\$495.00	\$0.00
Rental Car	\$ 675.00	100.00%	\$675.00	\$675.00	\$0.00
Air Travel	\$ 6,750.00	100.00%	\$6,750.00	\$6,750.00	\$0.00
Parking	\$ 63.00	100.00%	\$63.00	\$63.00	\$0.00
Overnight Mail - letter size	\$ 1,150.00	100.00%	\$1,150.00	\$1,150.00	\$0.00
Courier Services	\$ 1,250.00	100.00%	\$1,250.00	\$1,250.00	\$0.00
Photocopies B/W (8.5 X 11)	\$ 2,320.00	100.00%	\$2,320.00	\$2,320.00	\$0.00
Photocopies B/W (11 X 17)	\$ 915.00	100.00%	\$915.00	\$915.00	\$0.00
Photocopies Color (8.5 X 11)	\$ 700.00	100.00%	\$700.00	\$700.00	\$0.00
Photocopies Color (11 X 17)	\$ 625.00	100.00%	\$625.00	\$625.00	\$0.00
Color Graphics on Foam Board	\$ 200.00	100.00%	\$200.00	\$200.00	\$0.00
Newspaper Advertisement	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Court Reporter (Public Hearings & Transcription)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Translator (English to Spanish or Sign Language)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Public Involvement Facility Rental	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Public Outreach Liaison	\$ 75,000.00	100.00%	\$75,000.00	\$75,000.00	\$0.00
Accounting Support Services	\$ 4,000.00	100.00%	\$4,000.00	\$4,000.00	\$0.00
IT / Support Services	\$ 3,200.00	100.00%	\$3,200.00	\$3,200.00	\$0.00
Management Support Services	\$ 32,000.00	100.00%	\$32,000.00	\$32,000.00	\$0.00
Community Action Support	\$ 36,000.00	100.00%	\$36,000.00	\$36,000.00	\$0.00
Totals	\$ 694,355.85		\$ 694,355.85	\$ 694,355.85	\$ -

Amount Due This Invoice \$

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 5:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
A	Coordinate / Update / Assist Executive Director	\$6,123.52	100.00%	\$6,123.52	\$6,123.52	\$0.00
B	Attend / Prepare Data / Report on Various Meetings (4.0 Months)	\$59,425.62	100.00%	\$59,425.62	\$59,425.62	\$0.00
C	Continue to Coordinate With HCMPO to Modify Short/ Long Term TIP to Account for Approved Strategy including Updating Strategy (Two (2) Updates)	\$8,484.08	100.00%	\$8,484.08	\$8,484.08	\$0.00
D	Continue to Negotiate / Coordinate with TxDOT on Pass Thru Agreement Modifications or other TxDOT Funding Modification (availability payments-CAT12) for SH 365 Segment 1,2,3 and 4) / Segment No. 4 (US 281 / Military)	\$3,838.98	100.00%	\$3,838.98	\$3,838.98	\$0.00
E	Continue to Implement Interim Cost Accounting System Utilizing Dannenbaum Cost Accounting System	\$20,012.60	100.00%	\$20,012.60	\$20,012.60	\$0.00
F	Continue to Organize / Develop HCRMA Files By Project (Electronic and Hardcopy)	\$10,314.08	100.00%	\$10,314.08	\$10,314.08	\$0.00
G	Continue to Coordinate with Hidalgo County Appraisal District on TRZ Inputs and Agreements and Finalize Agreements with each entity	\$13,878.78	100.00%	\$13,878.78	\$13,878.78	\$0.00
H	Continue to Finalize and Implement Public Outreach Program with Assistance from Consultant (Pathfinder) and others	\$37,776.61	100.00%	\$37,776.61	\$37,776.61	\$0.00
I	Continued Public Outreach Meetings (Formal Presentation to Council) with the Appropriate Cities (Including Travel and Preparation for Meeting) (4.0 Months):	\$11,150.84	100.00%	\$11,150.84	\$11,150.84	\$0.00
J	Continue the Oversight of C&M Associates, Inc., in Developing the Update of the T&R Studies / Financing Alternatives (FSW) (4.0 Months)	\$74,552.28	100.00%	\$74,552.28	\$74,552.28	\$0.00
K	Continue to Oversee IBTC (4.0 Months)	\$1,220.88	100.00%	\$1,220.88	\$1,220.88	\$0.00
L	Continue to Oversee SH 365 (Segment 1,2 and 3) (Inc. SH 365 at GSA Anzalduas Bridge)(4.0 Months)	\$250,916.15	100.00%	\$250,916.15	\$250,916.15	\$0.00
M	SH 365 Segment No. 4 (US 281 / Military) (4.0 Months)	\$34,334.89	100.00%	\$34,334.89	\$34,334.89	\$0.00
N	Implementation of GIS Tools - Phase IA	\$20,646.28	100.00%	\$20,646.28	\$20,646.28	\$0.00
O	Implementation of Project Wise	\$46,343.58	100.00%	\$46,343.58	\$46,343.58	\$0.00
ODC	Direct Expenses	\$170,217.79	100.00%	\$170,217.79	\$170,217.79	\$0.00
	TOTALS	\$769,236.96	100.00%	\$769,236.96	\$769,236.96	\$0.00

TOTAL DUE WORK ORDER NO. 5:

\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 5:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
A. Coordinate / Update / Assist Executive Director 1.) Educate Executive Director on Historical Activities / Budgets / Cost Accounting / Program Management Plan and QA/QC Plan (Including Weekly Mtgs)	\$ 6,123.52	100.00%	\$6,123.52	\$6,123.52	\$0.00
B. Attend / Prepare Data / Report on Various Meetings (4.0 Months) 1. HCRMA Board Meetings Including Presentation (Monthly) (4 Mtgs) (Inc. Prep Time) 2. HCRMA Planning Committee Meetings (4 Mtgs @ 2 hrs/Mtg) (Inc. Prep Time) 3. HCRMA Finance Committee Meetings (4 Mtgs @ 2 hrs/Mtg) (Inc. Prep Time) 4. HCRMA MPO Policy Committee Meeting (4 Mtgs @ 2 hrs/Mtg) (Inc. Prep Time) 5. HCRMA MPO Tech Committee Meeting (4 Mtgs @ 2 hrs/Mtg) (Inc. Prep Time) 6. Various HCRMA Mtgs w/ Individual Board Members / Special Board Meetings (1 Mtg @ 2 hrs/Mtg) (Inc. Prep Time) 7. Hidalgo County Meetings w/Staff (2 Mtgs. @2 hr. / Mtg.) (Inc. Prep Time) 8. Hidalgo County Commissioner Precinct No. 1 (2 Mtgs. @ 2 hrs. / Mtg.) 9. Hidalgo County Commissioner Precinct No. 2 (2 Mtgs. @ 2 hrs. / Mtg.) 10. Hidalgo County Commissioner Precinct No. 3 (2 Mtgs. @ 2 hrs. / Mtg.) 11. Hidalgo County Commissioner Precinct No. 4 (2 Mtgs. @ 2 hrs. / Mtg.) 12. Attend Meetings TXDOT-Pharr (2 Mtgs. @ 2 hrs. / Mtg.) (Inc. Prep Time) 13. Attend Meetings TXDOT-Austin includes Travel (1 Mtg. @ 10 hrs. / Mtg.) 14. Attend Meetings With Senator Hinojosa (1 Mtgs. @ 2 hrs. / Mtg.) 15. Attend Meeting - 3 days in Washington to Visit Congress/TIFA (1 Mtg.) 16. Attend Hidalgo County Commissioners' Court Meeting (2 Monthly Mtgs.) (2 Mtgs. X 2 hr./Mtg.)	\$ 16,448.84 \$ 8,483.22 \$ 8,483.22 \$ 3,939.90 \$ 3,418.56 \$ 1,849.66 \$ - \$ - \$ 2,109.60 \$ 2,109.60 \$ - \$ 3,073.90 \$ 6,534.68 \$ 1,011.72 \$ - \$ 1,962.72	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 0.00% 0.00% 100.00% 100.00% 0.00% 100.00% 100.00% 100.00% 0.00% 100.00%	\$16,448.84 \$8,483.22 \$8,483.22 \$3,939.90 \$3,418.56 \$1,849.66 \$0.00 \$0.00 \$2,109.60 \$2,109.60 \$0.00 \$3,073.90 \$6,534.68 \$1,011.72 \$0.00 \$1,962.72	\$16,448.84 \$8,483.22 \$8,483.22 \$3,939.90 \$3,418.56 \$1,849.66 \$0.00 \$0.00 \$2,109.60 \$2,109.60 \$0.00 \$3,073.90 \$6,534.68 \$1,011.72 \$0.00 \$1,962.72	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
C. Continue to Coordinate With HCMPD to Modify Short/ Long Term TIP to Account for Approved Strategy, Including Updating Strategy (Two (2) Updates)	\$ 8,484.08	100.00%	\$8,484.08	\$8,484.08	\$0.00
D. Continue to Negotiate / Coordinate with TXDOT on Pass Thru Agreement Modifications or other TXDOT Funding Modification (availability payments-CAT12) for SH 365 (Segment 1,2,3 and 4) / Segment No. 4 (US 281 / Military) 1. Meet / Coordinate With TXDOT Pharr (1 Mtgs. @ 2 hrs. / Mtg.) 2. Meet / Coordinate With TXDOT Austin (0 Mtg @ 10 hrs. / Mtg.) 3. Finalize Pass Thru Agreements and/or availability payments	\$ 1,728.22 \$ 382.54 \$ 1,728.22	100.00% 100.00% 100.00%	\$1,728.22 \$382.54 \$1,728.22	\$1,728.22 \$382.54 \$1,728.22	\$0.00 \$0.00 \$0.00
E. Continue to Implement Interim Cost Accounting System Utilizing Dannenbaum Cost Accounting System 1. Continue to Input Data for Development of Monthly Reports for HCRMA Board (September 1, 2012 thru December 31, 2012) 2. Continue to Modify Monthly Reports for HCRMA Needs 3. Continue to Input Monthly Data and Produce Final Reports for Sept., Oct., Nov. and Dec. 2012	\$ 7,636.32 \$ 5,007.12 \$ 7,369.16	100.00% 100.00% 100.00%	\$7,636.32 \$5,007.12 \$7,369.16	\$7,636.32 \$5,007.12 \$7,369.16	\$0.00 \$0.00 \$0.00
F. Continue to Organize / Develop HCRMA Files By Project (Electronic and Hardcopy)	\$ 10,314.08	100.00%	\$10,314.08	\$10,314.08	\$0.00
G. Continue to Coordinate with Hidalgo County Appraisal District on TRZ Inputs and Agreements and Finalize Agreements with each entity	\$ 13,878.78	100.00%	\$13,878.78	\$13,878.78	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 5:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
H. Continue to Finalize and Implement Public Outreach Program Managing with Assistance from Consultant (Pathfinder) and others					
1. Finalize / Implement Public Outreach	\$ 27,226.64	100.00%	\$27,226.64	\$27,226.64	\$0.00
2. Review / Update Website	\$ -	0.00%	\$0.00	\$0.00	\$0.00
3. Develop Monthly Newsletter (Assist Subs)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
4. Begin Development of Branding Loop Project (Assist Subs)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
5. Assist / Develop Support Resolution From All Cities (Total 5 Mtgs.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
6. Meet with Large Property Owners (SH 365)(Total 3 Mtgs. Including Preparation)	\$ 5,909.51	100.00%	\$5,909.51	\$5,909.51	\$0.00
7. Meet with EDC for the Cities of McAllen / Mission (Total 1 Mtg.)	\$ 3,173.34	100.00%	\$3,173.34	\$3,173.34	\$0.00
8. Meet with Trade Association / Civic Association (US / Mexico) (Total 1 Mtg.)	\$ 1,467.12	100.00%	\$1,467.12	\$1,467.12	\$0.00
I. Continue Public Outreach Meetings (Formal Presentation to Council) with the following Cities (Including Travel and Preparation for Meeting) (4.0 Months):					
1. City of Pharr (2 Mtgs)	\$ 2,742.60	100.00%	\$2,742.60	\$2,742.60	\$0.00
2. City of Granjeno (1 Mtg)	\$ 1,587.62	100.00%	\$1,587.62	\$1,587.62	\$0.00
3. City of Donna (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
4. City of Weslaco (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
5. City of Mercedes (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
6. City of Edcouch (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
7. City of McAllen (2 Mtgs.)	\$ 3,410.31	100.00%	\$3,410.31	\$3,410.31	\$0.00
8. City of Mission (2 Mtgs.)	\$ 3,410.31	100.00%	\$3,410.31	\$3,410.31	\$0.00
9. City of Pecos (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
10. City of Palmview (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
11. City of La Joya (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
12. City of Edinburg (2 Mtgs)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
13. City of Sullivan City (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
J. Continue the Oversight of C&M Associates, Inc., in Developing the Update of the T&R Studies / Financing Alternatives (FSW) (4.0 Months)					
1. SH 365 Segment 1,2,3 and 4 / IBTC / Segment D & La Joya Relief Route (Assisted by HDR)	\$ 33,936.84	100.00%	\$33,936.84	\$33,936.84	\$0.00
2. Update Strategic Plan for New Funding (Modification in Limits / Schedule / Funding Type)	\$ 19,894.84	100.00%	\$19,894.84	\$19,894.84	\$0.00
2. Update Strategic Plan after New T&R Numbers (Work with First Southwest)	\$ 20,720.60	100.00%	\$20,720.60	\$20,720.60	\$0.00
K. Continue to Oversee IBTC (4.0 Months)					
1. Modify RFP and Procure Engineering Services (Including Environmental and Low Level Flight)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
2. Continue to Oversee Local Environmental Clearance (Assisted by Blanton - Lead) (4.0 Months)	\$ 1,220.88	100.00%	\$1,220.88	\$1,220.88	\$0.00
3. Oversee IBTC Drainage Studies	\$ -	0.00%	\$0.00	\$0.00	\$0.00
4. Oversee Low Level Flight (Assisted by Aranda & Associates - Lead)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
5. QA/QC Drainage Study (60%)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
6. QA/QC Low Level Flight (Aranda)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
7. Attend Meeting with USBWC (1) (Combined with SH 365)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
8. Attend Meeting with USACOE (1) (Combined with SH 365)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
9. Attend Meeting with US Fish and Wildlife (1)(Combined with SH 365)	\$ -	0.00%	\$0.00	\$0.00	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 5:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
L. Continue to Oversee SH 365 (Segment 1, 2 & 3) (Inc. SH 365 at GSA Anzalduas Bridge)(4.0 Months) (Assisted by Blanton & Assoc. - Lead)	\$ 52,943.45	100.00%	\$52,943.45	\$52,943.45	\$0.00
1. Continue to Oversee Environmental Clearance By Atkins (EA) Includes Negotiating Limits to FM 1016					
2. Continue to Oversee Drainage Studies Produced By L&G Engineering / S&B Infrastructure including Segment No. 3. Also, Includes Negotiating Limits to FM 1016.	\$ 60,223.91	100.00%	\$60,223.91	\$60,223.91	\$0.00
3. Continue to QA/QC Drainage Study (90%)	\$ 7,756.42	100.00%	\$7,756.42	\$7,756.42	\$0.00
4. Attend Meeting With USBWC (1 Mtg. - El Paso)	\$ 1,114.94	100.00%	\$1,114.94	\$1,114.94	\$0.00
5. Attend Meeting With USACOE (1 Mtg. - HST)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
6. Attend Meeting With US Fish & Wildlife (1 Mtg. - RGV)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
7. Attend Meeting With TXDOT Austin / FHWA (1 Mtg. - Austin)	\$ 4,694.28	100.00%	\$4,694.28	\$4,694.28	\$0.00
8. Continue to Oversee / Development of 4-Lane Schematic (L&G Engineering and S&B Infrastructure) and Negotiate Limits to FM 1016					
9. QA/QC Schematic (90%)	\$ 39,860.87	100.00%	\$39,860.87	\$39,860.87	\$0.00
10. Prepare Decision Matrix for Environmental Consultant (in Work Authorization 4)	\$ 28,128.05	100.00%	\$28,128.05	\$28,128.05	\$0.00
11. Continue to Oversee Surveyors including Right of Entry Assistance for 52 Parcels (DOS Logistics / Quintanilla) (Assisted by Aranda and Associates - Lead)	\$ 48,346.44	100.00%	\$48,346.44	\$48,346.44	\$0.00
12. Hold / Lead Public Involvement Meeting (1 Additional Mtg.) Including Prepare Exhibits	\$ 4,277.88	100.00%	\$4,277.88	\$4,277.88	\$0.00
13. Prepare Land Plan to Assist Hunt Development / City of McAllen to Evaluate Alternative Thru Hunt Property	\$ -	0.00%	\$0.00	\$0.00	\$0.00
14. Meet with Hunt Development (Mission - 2 Mtgs) (2 hrs / Mtg)(Inc. Prep Time)	\$ 3,569.91	100.00%	\$3,569.91	\$3,569.91	\$0.00
15. Assist HDR in Developing TIFIA Application	\$ -	0.00%	\$0.00	\$0.00	\$0.00
M. SH 365 Segment No. 4 (US 281 / Military) (4.0 Months)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
1. Oversee Environmental Clearance by Atkins (Included in Item L.)					
2. Oversee Engineer in Development of Route Studies / Schematic / Survey / PS&E Development (4.0 Months)	\$ 22,084.47	100.00%	\$22,084.47	\$22,084.47	\$0.00
3. Finalize QA/QC Route Study	\$ 7,390.21	100.00%	\$7,390.21	\$7,390.21	\$0.00
4. Continue to Meet With City of Pharr Including Development of Exhibits to Analyze SH 365 (Segment No. 4) (US 281 / I Road / San Juan Area) (2 Mtgs)	\$ 4,860.21	100.00%	\$4,860.21	\$4,860.21	\$0.00
N. Implementation of GIS Tools - Phase IA					
1. Conduct Stakeholder and Program Management Team GIS user requirements meeting	\$ 5,256.06	100.00%	\$5,256.06	\$5,256.06	\$0.00
2. Develop GIS user requirements documentation and implementation plan	\$ 4,323.28	100.00%	\$4,323.28	\$4,323.28	\$0.00
3. Present user requirements and implementation plan to Stakeholders and Program Management Team	\$ 2,766.54	100.00%	\$2,766.54	\$2,766.54	\$0.00
4. Acquire and integrate Bing Map services	\$ 3,788.88	100.00%	\$3,788.88	\$3,788.88	\$0.00
5. Acquire and integrate existing GIS base map data from local government sources into an ArcGIS Server / SQL Server central database hosted from Dannenbaum's GIS hosting facility					
6. Title up to three large existing GIS databases acquired from local Government sources for efficient web map rendering of large datasets (Future W.A.)	\$ 4,511.52	100.00%	\$4,511.52	\$4,511.52	\$0.00
7. Design, load and integrate HCRMA specific GIS data into an ArcGIS Server / SQL Server central database hosted from Dannenbaum's GIS hosting facility (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
8. QA/QC existing and HCRMA specific GIS database for compliance with Task 1 - Requirements (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
9. Develop login page user interface (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
10. QA/QC login page user interface for compliance with Task 1 - Requirements (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 5:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
N. Implementation of GIS Tools - Phase IA (Continued)					
11. Develop ArcGIS Service, map services, Arc MAP, MXD projects files including map symbology (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
12. QA/QC ArcGIS Service, map services, Arc MAP, MXD projects files checking for quality of map symbology and compliance with Task 1 - Requirements (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
13. Develop GIS website map and legend tools on Dannenbaum's application development server (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
14. QA/QC / unit testing of the GIS website map and legend tools (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
15. Migrate GIS website map and legend tools from Dannenbaum's application development server to Dannenbaum's production ArcGIS Server hosting environment (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
16. Develop GIS website map and legend user manual documentation and conduct user training (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
O. Implementation of Project Wise					
1. Project Wise Overview Training (x1 initial kickoff meeting to go over Project Wise functionality and general use in an engineering project office environment)	\$ 2,668.23	100.00%	\$2,668.23	\$2,668.23	\$0.00
2. Project Wise Implementation (install and configuration hardware and software onsite within DEC McAllen / HCRMA PMO)	\$ 1,803.40	100.00%	\$1,803.40	\$1,803.40	\$0.00
3. Project Wise End User Training (x4 brown bag training sessions to teach PMO users how to manage documents in a Project Wise document controlled environment)	\$ 3,638.60	100.00%	\$3,638.60	\$3,638.60	\$0.00
4. Inventory HCRMA Project Data by Type, User, Organization, Etc.	\$ 13,005.23	100.00%	\$13,005.23	\$13,005.23	\$0.00
5. Conduct Project Wise / GIS Data Maintenance Business Process Workshop (x1 Day for Project Wise / x1 Day for GIS - include time estimate for key subcontractor participation)	\$ 10,803.64	100.00%	\$10,803.64	\$10,803.64	\$0.00
6. Develop HCRMA Project Wise and GIS data management business process documentation	\$ 10,916.43	100.00%	\$10,916.43	\$10,916.43	\$0.00
7. Data Management End User Training (x4 brown bag training sessions to teach HCRMA PMO Project Wise and GIS data management business processes)	\$ 3,508.05	100.00%	\$3,508.05	\$3,508.05	\$0.00
DIRECT EXPENSES					
Lodging / Hotel (\$100.00 / DAY)	\$ 770.00	100.00%	\$770.00	\$770.00	\$0.00
Meals (\$30.00 / DAY)	\$ 240.00	100.00%	\$240.00	\$240.00	\$0.00
Rental Car	\$ 360.00	100.00%	\$360.00	\$360.00	\$0.00
Air Travel	\$ 4,000.00	100.00%	\$4,000.00	\$4,000.00	\$0.00
Parking	\$ 28.00	100.00%	\$28.00	\$28.00	\$0.00
Overnight Mail - letter size	\$ 1,150.00	100.00%	\$1,150.00	\$1,150.00	\$0.00
Courier Services	\$ 900.00	100.00%	\$900.00	\$900.00	\$0.00
Photocopies BW (8.5 X 11)	\$ 1,969.79	100.00%	\$1,969.79	\$1,969.79	\$0.00
Photocopies BW (11 X 17)	\$ 775.00	100.00%	\$775.00	\$775.00	\$0.00
Photocopies Color (8.5 X 11)	\$ 700.00	100.00%	\$700.00	\$700.00	\$0.00
Photocopies Color (11 X 17)	\$ 625.00	100.00%	\$625.00	\$625.00	\$0.00
Color Graphics on Foam Board	\$ 200.00	100.00%	\$200.00	\$200.00	\$0.00
Newspaper Advertisement	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Court Reporter (Public Hearings & Transcription)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Translator (English to Spanish or Sign Language)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Public Involvement Facility Rental	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Public Outreach Liaison (4 Months - September, October, November & December 2012)	\$ 60,000.00	100.00%	\$60,000.00	\$60,000.00	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 5: Engineering Management/Partial Operations Implementation/Public Outreach
 Invoice Number: 465201/51/XV
 Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
DIRECT EXPENSES (Continued)					
Accounting Support Services	\$ 20,000.00	100.00%	\$20,000.00	\$20,000.00	\$0.00
IT / Support Services (includes time on Project Wise Implementation / Data Organization @ 55 hrs)	\$ 8,000.00	100.00%	\$8,000.00	\$8,000.00	\$0.00
Bing Maps Annual Subscription Fee	\$ 7,000.00	100.00%	\$7,000.00	\$7,000.00	\$0.00
Management Support Services	\$ 32,000.00	100.00%	\$32,000.00	\$32,000.00	\$0.00
Community Action Support	\$ 31,500.00	100.00%	\$31,500.00	\$31,500.00	\$0.00
Totals	\$ 769,236.96		\$ 769,236.96	\$ 769,236.96	\$ -

Amount Due This Invoice \$ -

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 6:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
A	Coordinate / Update / Assist Executive Director	\$6,123.52	100.00%	\$6,123.52	\$6,123.52	\$0.00
B	Attend / Prepare Data / Report on Various Meetings (6.0 Months)	\$55,067.18	100.00%	\$55,067.18	\$55,067.18	\$0.00
C	Continue to Coordinate With HCMPO to Modify Short/ Long Term TIP to Account for Approved Strategy including Updating Strategy (One (1) Updates)	\$2,687.60	100.00%	\$2,687.60	\$2,687.60	\$0.00
D	Continue to Negotiate / Coordinate with TxDOT on Pass Thru Agreement Modifications or other TxDOT Funding Modification (availability payments- CAT12) for SH 365 Segment 1,2,3 and 4) / Segment No. 4 (US 281 / Military)	\$6,984.88	100.00%	\$6,984.88	\$6,984.88	\$0.00
E	Continue to Implement Interim Cost Accounting System Utilizing Dannenbaum Cost Accounting System	\$17,620.24	100.00%	\$17,620.24	\$17,620.24	\$0.00
F	Continue to Organize / Develop HCRMA Files By Project (Electronic and Hardcopy)	\$9,684.90	100.00%	\$9,684.90	\$9,684.90	\$0.00
G	Continue to Coordinate with Hidalgo County Appraisal District on TRZ Inputs and Agreements and Finalize Agreements with each entity	\$0.00	0.00%	\$0.00	\$0.00	\$0.00
H	Continue to Finalize and Implement Public Outreach Program with Assistance from Consultant (Pathfinder) and others	\$22,648.44	100.00%	\$22,648.44	\$22,648.44	\$0.00
I	Continued Public Outreach Meetings (Formal Presentation to Council) with the Appropriate Cities (Including Travel and Preparation for Meeting) (4.0 Months)	\$11,941.12	100.00%	\$11,941.12	\$11,941.12	\$0.00
J	Continue the Oversight of C&M Associates, Inc., in Developing the Update of the T&R Studies / Financing Alternatives (FSW) (4.0 Months)	\$3,240.18	100.00%	\$3,240.18	\$3,240.18	\$0.00
K	Continue to Oversee IBTC (4.0 Months)	\$4,802.28	100.00%	\$4,802.28	\$4,802.28	\$0.00
L	Continue to Oversee SH 365 (Segment 1,2 and 3) (Inc. SH 365 at GSA Anzauidas Bridge)(6.0 Months)	\$309,653.23	100.00%	\$309,653.23	\$309,653.23	\$0.00
M	SH 365 Segment No. 4 (US 281 / Military) (6.0 Months)	\$38,917.76	100.00%	\$38,917.76	\$38,917.76	\$0.00
N	Implementation of GIS Tools - Phase IA	\$0.00	0.00%	\$0.00	\$0.00	\$0.00
O	Implementation of Project Wise	\$0.00	0.00%	\$0.00	\$0.00	\$0.00
ODC	Direct Expenses	\$200,463.00	100.00%	\$200,463.00	\$200,463.00	\$0.00
	TOTALS	\$689,834.33	100.00%	\$689,834.33	\$689,834.33	\$0.00

TOTAL DUE WORK ORDER NO. 6:

\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
A. Coordinate / Update / Assist Executive Director 1. Educate Executive Director on Historical Activities / Budgets / Cost Accounting / Program Management Plan and QA/QC Plan (Including Weekly Mtgs)	\$ 6,123.52	100.00%	\$6,123.52	\$6,123.52	\$0.00
B. Attend / Prepare Data / Report on Various Meetings (6.0 Months)					
1. HCRMA Board Meetings Including Presentation (Monthly) (6 Mtgs) (Inc. Prep Time)	\$ 11,571.60	100.00%	\$11,571.60	\$11,571.60	\$0.00
2. HCRMA Planning Committee Meetings (6 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 6,313.20	100.00%	\$6,313.20	\$6,313.20	\$0.00
3. HCRMA Finance Committee Meetings (6 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 6,313.20	100.00%	\$6,313.20	\$6,313.20	\$0.00
4. HCRMA MPO Policy Committee Meeting (6 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 3,939.90	100.00%	\$3,939.90	\$3,939.90	\$0.00
5. HCRMA MPO Tech Committee Meeting (6 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 3,108.90	100.00%	\$3,108.90	\$3,108.90	\$0.00
6. Various HCRMA Mtgs w/ Individual Board Members / Special Board Meetings (6 Mtg @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 4,540.16	100.00%	\$4,540.16	\$4,540.16	\$0.00
7. Hidalgo County Meetings w/Staff (2 Mtgs. @2 hr. / Mtg.) (Inc. Prep Time)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
8. Hidalgo County Commissioner Precinct No. 1 (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,902.00	100.00%	\$1,902.00	\$1,902.00	\$0.00
9. Hidalgo County Commissioner Precinct No. 2 (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,902.00	100.00%	\$1,902.00	\$1,902.00	\$0.00
10. Hidalgo County Commissioner Precinct No. 3 (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,902.00	100.00%	\$1,902.00	\$1,902.00	\$0.00
11. Hidalgo County Commissioner Precinct No. 4 (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,902.00	100.00%	\$1,902.00	\$1,902.00	\$0.00
12. Attend Meetings TXDOT-Pharr (2 Mtgs. @ 2 hrs. / Mtg.) (Inc. Prep Time)	\$ 1,902.00	100.00%	\$1,902.00	\$1,902.00	\$0.00
13. Attend Meetings TXDOT-Austin includes Travel (1 Mtg. @ 10 hrs. / Mtg.)	\$ 5,905.50	100.00%	\$5,905.50	\$5,905.50	\$0.00
14. Attend Meetings With Senator Hinojosa (1 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,011.72	100.00%	\$1,011.72	\$1,011.72	\$0.00
15. Attend Meeting - 3 days in Washington to Visit Congress/TIFA (1 Mtg.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
16. Attend Hidalgo County Commissioners' Court Meeting (2 Monthly Mtgs.) (3 Mtgs. X 2 hr./Mtg.)	\$ 2,853.00	100.00%	\$2,853.00	\$2,853.00	\$0.00
C. Continue to Coordinate With HCMP to Modify Short/ Long Term TIP to Account for Approved Strategy, Including Updating Strategy (One (1) Update)	\$ 2,687.60	100.00%	\$2,687.60	\$2,687.60	\$0.00
D. Continue to Negotiate / Coordinate with TXDOT on Pass Thru Agreement Modifications or other TXDOT Funding Modification (availability payments-CATT2) for SH 365 (Segment 1,2,3 and 4) / Segment No. 4 (US 281 / Military)					
1. Meet / Coordinate With TXDOT Pharr (1 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,728.22	100.00%	\$1,728.22	\$1,728.22	\$0.00
2. Meet / Coordinate With TXDOT Austin (1 Mtg @ 10 hrs. / Mtg.)	\$ 3,528.44	100.00%	\$3,528.44	\$3,528.44	\$0.00
3. Finalize Pass Thru Agreements and/or availability payments	\$ 1,728.22	100.00%	\$1,728.22	\$1,728.22	\$0.00
E. Continue to Implement Interim Cost Accounting System Utilizing Dannenbaum Cost Accounting System					
1. Continue to Input Data for Development of Monthly Reports for HCRMA Board (January 1, 2013 thru July 1, 2013)	\$ 6,069.74	100.00%	\$6,069.74	\$6,069.74	\$0.00
2. Continue to Modify Monthly Reports for HCRMA Needs	\$ 5,826.86	100.00%	\$5,826.86	\$5,826.86	\$0.00
3. Continue to Input Monthly Data and Produce Final Reports for January 1, 2013 thru July 1, 2013	\$ 5,723.64	100.00%	\$5,723.64	\$5,723.64	\$0.00
F. Continue to Organize / Develop HCRMA Files By Project (Electronic and Hardcopy)	\$ 9,684.90	100.00%	\$9,684.90	\$9,684.90	\$0.00
G. Continue to Coordinate with Hidalgo County Appraisal District on TRZ Inputs and Agreements and Finalize Agreements with each entity	\$ -	0.00%	\$0.00	\$0.00	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
H. Continue to Finalize and Implement Public Outreach Program Managing with Assistance from Consultant (Pathfinder) and others					
1. Finalize / Implement Public Outreach	\$ 15,510.90	100.00%	\$15,510.90	\$15,510.90	\$0.00
2. Review / Update Website	\$ -	0.00%	\$0.00	\$0.00	\$0.00
3. Develop Monthly Newsletter (Assist Subs)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
4. Begin Development of Branding Loop Project (Assist Subs)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
5. Assist / Develop Support Resolution From All Cities (Total 5 Mtgs.)	\$ 3,778.26	100.00%	\$3,778.26	\$3,778.26	\$0.00
6. Meet with Large Property Owners (SH 365)(Total 2 Mtgs. Including Preparation)	\$ 1,892.16	100.00%	\$1,892.16	\$1,892.16	\$0.00
7. Meet with EDC for the Cities of McAllen / Mission (Total 1 Mtg.)	\$ -	100.00%	\$0.00	\$0.00	\$0.00
8. Meet with Trade Association / Civic Association (US / Mexico) (Total 1 Mtg.)	\$ 1,467.12	100.00%	\$1,467.12	\$1,467.12	\$0.00
I. Continue Public Outreach Meetings (Formal Presentation to Council) with the following Cities (Including Travel and Preparation for Meeting) (4.0 Months):					
1. City of Pharr (2 Mtgs)	\$ 2,739.94	100.00%	\$2,739.94	\$2,739.94	\$0.00
2. City of Granjeno (1 Mtg)	\$ 1,758.58	100.00%	\$1,758.58	\$1,758.58	\$0.00
3. City of Donna (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
4. City of Weslaco (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
5. City of Mercedes (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
6. City of Edcouch (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
7. City of McAllen (2 Mtgs.)	\$ 3,721.30	100.00%	\$3,721.30	\$3,721.30	\$0.00
8. City of Mission (2 Mtgs.)	\$ 3,721.30	100.00%	\$3,721.30	\$3,721.30	\$0.00
9. City of Pecos (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
10. City of Palmview (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
11. City of La Joya (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
12. City of Edinburg (2 Mtgs)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
13. City of Sullivan City (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
J. Continue the Oversight of C&M Associates, Inc., in Developing the Update of the T&R Studies / Financing Alternatives (FSW) (4.0 Months)					
1. SH 365 Segment 1,2,3 and 4 / IBTC / Segment D & La Joya Relief Route (Assisted by HDR)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
2. Update Strategic Plan for New Funding (Modification in Limits / Schedule / Funding Type)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
3. Verify Revised Strategic Plan after New T&R Numbers (Work with First Southwest)	\$ 3,240.18	100.00%	\$3,240.18	\$3,240.18	\$0.00
K. Continue to Oversee IBTC (4.0 Months)					
1. Modify RFP and Procure Engineering Services (Including Environmental and Low Level Flight)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
2. Continue to Oversee Local Environmental Clearance (Assisted by Blanton - Lead) (4.0 Months)	\$ 4,802.28	100.00%	\$4,802.28	\$4,802.28	\$0.00
3. Oversee IBTC Drainage Studies	\$ -	0.00%	\$0.00	\$0.00	\$0.00
4. Oversee Low Level Flight (Assisted by Aranda & Associates - Lead)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
5. QA/QC Drainage Study (60%)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
6. QA/QC Low Level Flight (Aranda)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
7. Attend Meeting with USBWC (1) (Combined with SH 365)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
8. Attend Meeting with USACOE (1) (Combined with SH 365)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
9. Attend Meeting with US Fish and Wildlife (1)(Combined with SH 365)	\$ -	0.00%	\$0.00	\$0.00	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
L. Continue to Oversee SH 365 (Segment 1, 2 & 3) (Inc. SH 365 at GSA Anzalduas Bridge)(6.0 Months) (Assisted by Blanton & Assoc. - Lead)	\$ 65,179.51	100.00%	\$65,179.51	\$65,179.51	\$0.00
1. Continue to Oversee Environmental Clearance By Atkins (EA) Includes Negotiating Limits to FM 1016	\$				
2. Continue to Oversee Drainage Studies / Utilities Produced By L&G Engineering / S&B Infrastructure including Segment No. 3. Also, (W.A. No. 1)	\$ 64,918.66	100.00%	\$64,918.66	\$64,918.66	\$0.00
3. Continue to QA/QC Drainage Study (90%)	\$ 3,938.40	100.00%	\$3,938.40	\$3,938.40	\$0.00
4. Attend Meeting With USIBWC (1 Mtg. - El Paso)	\$ 4,459.76	100.00%	\$4,459.76	\$4,459.76	\$0.00
5. Attend Meeting With USACOE (1 Mtg. - HST)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
6. Attend Meeting With US Fish & Wildlife (1 Mtg. - RGV)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
7. Attend Meeting With TXDOT Austin / FHWA (1 Mtg. - Austin)	\$ 4,694.28	100.00%	\$4,694.28	\$4,694.28	\$0.00
8. Continue to Oversee / Development of 4-Lane Schematic (L&G Engineering and S&B Infrastructure) (W.A. No. 1)	\$				
9. QA/QC Schematic (100%)	\$ 49,511.86	100.00%	\$49,511.86	\$49,511.86	\$0.00
10. Prepare Decision Matrix for Environmental Consultant (in Work Authorization 4)	\$ 32,907.94	100.00%	\$32,907.94	\$32,907.94	\$0.00
11. Continue to Oversee Surveyors including Right of Entry Assistance for 52 Parcels (DOS Logistics / Quintanilla) (Assisted by Aranda and Associates - Lead)	\$	0.00%	\$0.00	\$0.00	\$0.00
12. Hold / Lead Public Involvement Meeting (1 Additional Mtg.) Including Prepare Exhibits	\$ 57,702.70	100.00%	\$57,702.70	\$57,702.70	\$0.00
13. Prepare Land Plan to Assist Hunt Development / City of McAllen to Evaluate Alternative Thru Hunt Property	\$ 19,200.30	100.00%	\$19,200.30	\$19,200.30	\$0.00
14. Meet with Hunt Development (Mission - 2 Mtgs) (2 hrs / Mtg)(Inc. Prep Time)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
15. Assist HDR in Developing TIFIA Application	\$ 7,139.82	100.00%	\$7,139.82	\$7,139.82	\$0.00
M. SH 365 Segment No. 4 (US 281 / Military) (6.0 Months)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
1. Oversee Environmental Clearance by Atkins (Included in Item L.)	\$				
2. Oversee Engineer in Development of Route Studies / Schematic / Survey / PS&E Development (4.0 Months)	\$ 25,845.54	100.00%	\$25,845.54	\$25,845.54	\$0.00
3. Finalize QA/QC Route Study	\$ 6,591.94	100.00%	\$6,591.94	\$6,591.94	\$0.00
4. Continue to Meet With City of Pharr Including Development of Exhibits to Analyze SH 365 (Segment No. 4) (US 281 / I Road / San Juan Area) (2 Mtgs)	\$ 6,480.28	100.00%	\$6,480.28	\$6,480.28	\$0.00
N. Implementation of GIS Tools - Phase IA	\$ -	0.00%	\$0.00	\$0.00	\$0.00
1. Conduct Stakeholder and Program Management Team GIS user requirements meeting	\$ -	0.00%	\$0.00	\$0.00	\$0.00
2. Develop GIS user requirements documentation and implementation plan	\$ -	0.00%	\$0.00	\$0.00	\$0.00
3. Present user requirements and implementation plan to Stakeholders and Program Management Team	\$ -	0.00%	\$0.00	\$0.00	\$0.00
4. Acquire and integrate Bing Map services	\$ -	0.00%	\$0.00	\$0.00	\$0.00
5. Acquire and integrate existing GIS base map data from local government sources into an ArcGIS Server / SQL Server central database hosted by Dannenbaum's GIS hosting facility	\$ -	0.00%	\$0.00	\$0.00	\$0.00
6. Title up to three large existing GIS databases acquired from local Government sources for efficient web map rendering of large datasets (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
7. Design, load and integrate HCRMA specific GIS data into an ArcGIS Server / SQL Server central database hosted from Dannenbaum's GIS hosting facility (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
8. QA/QC existing and HCRMA specific GIS database for compliance with Task 1 - Requirements (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
9. Develop login page user interface (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
10. QA/QC login page user interface for compliance with Task A - Requirements (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
N. Implementation of GIS Tools - Phase IA (Continued)					
11. Develop ArcGIS Service, map services, Arc MAP, MXD projects files including map symbology (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
12. QA/QC ArcGIS Service, map services, Arc MAP, MXD projects files checking for quality of map symbology and compliance with Task 1 - Requirements (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
13. Develop GIS website map and legend tools on Dannenbaum's application development server (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
14. QA/QC / unit testing of the GIS website map and legend tools (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
15. Migrate GIS website map and legend tools from Dannenbaum's application development server to Dannenbaum's production ArcGIS Server hosting environment (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
16. Develop GIS website map and legend user manual documentation and conduct user training (Future W.A.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
O. Implementation of Project Wise					
1. Project Wise Overview Training (x1 initial kickoff meeting to go over Project Wise functionality and general use in an engineering project office environment)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
2. Project Wise Implementation (install and configuration hardware and software onsite within DEC McAllen / HCRMA PMO)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
3. Project Wise End User Training (x4 brown bag training sessions to teach PMO users how to manage documents in a Project Wise document controlled environment)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
4. Inventory HCRMA Project Data by Type, User, Organization, Etc.	\$ -	0.00%	\$0.00	\$0.00	\$0.00
5. Conduct Project Wise / GIS Data Maintenance Business Process Workshop (x1 Day for Project Wise / x1 Day for GIS - include time estimate for key subcontractor participation)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
6. Develop HCRMA Project Wise and GIS data management business process documentation	\$ -	0.00%	\$0.00	\$0.00	\$0.00
7. Data Management End User Training (x4 brown bag training sessions to teach HCRMA PMO Project Wise and GIS data management business processes)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
DIRECT EXPENSES					
Lodging / Hotel (\$100.00 / DAY)	\$ 200.00	100.00%	\$200.00	\$200.00	\$0.00
Meals (\$30.00 / DAY)	\$ 60.00	100.00%	\$60.00	\$60.00	\$0.00
Rental Car	\$ 180.00	100.00%	\$180.00	\$180.00	\$0.00
Air Travel	\$ 1,000.00	100.00%	\$1,000.00	\$1,000.00	\$0.00
Parking	\$ 28.00	100.00%	\$28.00	\$28.00	\$0.00
Overnight Mail - letter size	\$ 1,150.00	100.00%	\$1,150.00	\$1,150.00	\$0.00
Courier Services	\$ 500.00	100.00%	\$500.00	\$500.00	\$0.00
Photocopies BW (8.5 X 11)	\$ 2,000.00	100.00%	\$2,000.00	\$2,000.00	\$0.00
Photocopies BW (11 X 17)	\$ 750.00	100.00%	\$750.00	\$750.00	\$0.00
Photocopies Color (8.5 X 11)	\$ 700.00	100.00%	\$700.00	\$700.00	\$0.00
Photocopies Color (11 X 17)	\$ 625.00	100.00%	\$625.00	\$625.00	\$0.00
Color Graphics on Foam Board	\$ 270.00	100.00%	\$270.00	\$270.00	\$0.00
Newspaper Advertisement	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Court Reporter (Public Hearings & Transcription)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Translator (English to Spanish or Sign Language)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Public Involvement Facility Rental	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Public Outreach Liaison (6 Months - Jan., Feb., Mar., Apr., May, June, 2013)	\$ 90,000.00	100.00%	\$90,000.00	\$90,000.00	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6:
Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
DIRECT EXPENSES (Continued)					
Accounting Support Services	\$ 10,000.00	100.00%	\$10,000.00	\$10,000.00	\$0.00
IT / Support Services (includes time on Project Wise Implementation / Data Organization @ 55 hrs)	\$ 8,000.00	100.00%	\$8,000.00	\$8,000.00	\$0.00
Bing Maps Annual Subscription Fee	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Management Support Services	\$ 40,000.00	100.00%	\$40,000.00	\$40,000.00	\$0.00
Community Action Support	\$ 45,000.00	100.00%	\$45,000.00	\$45,000.00	\$0.00
Totals	\$ 689,834.33		\$ 689,834.33	\$ 689,834.33	\$ -

Amount Due This Invoice

\$ -

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6: Supplemental Agreement No. 1 to WO 6 - Sketch Level Assessment of Potential Truck Diversion from Nogales Poo to Texas
 Invoice Number: 465201/51/XV
 Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
A. Oversight of Sketch Level Assessment	\$ 5,654.52	100.00%	\$5,654.52	\$5,654.52	\$0.00
B. Review/Comment of Sketch Level Assessment	\$ 5,654.52	100.00%	\$5,654.52	\$5,654.52	\$0.00
C&M Associates, Inc. - Traffic and Revenue	\$ 70,000.00	100.00%	\$70,000.00	\$70,000.00	\$0.00
Totals	\$ 81,309.04		\$81,309.04	\$81,309.04	\$0.00

Amount Due This Invoice

\$

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6:
Supplemental Agreement No. 2 to WO 6 - Value Engineering Report for SH 365

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
A. Pre- and Post-Workshop					
1) Project Management	\$ 3,714.78	100.00%	\$3,714.78	\$3,714.78	\$0.00
2) Pre-Workshop planning, information review, draft functional analysis	\$ 6,481.36	100.00%	\$6,481.36	\$6,481.36	\$0.00
3) Prepare Draft VE report, circulate for comment, finalize VE report	\$ 19,097.92	100.00%	\$19,097.92	\$19,097.92	\$0.00
B. Value Engineering Workshop (Mon-Fri)					
1) Travel time allowance	\$ 16,378.40	100.00%	\$16,378.40	\$16,378.40	\$0.00
2) VE Workshop	\$ 93,399.84	100.00%	\$93,399.84	\$93,399.84	\$0.00
DIRECT EXPENSES					
Lodging / Hotel (\$100.00 / DAY)	\$ 2,000.00	100.00%	\$2,000.00	\$2,000.00	\$0.00
Meals (\$30.00 / DAY)	\$ 900.00	100.00%	\$900.00	\$900.00	\$0.00
Rental Car	\$ 780.00	100.00%	\$780.00	\$780.00	\$0.00
Air Travel	\$ 4,900.00	100.00%	\$4,900.00	\$4,900.00	\$0.00
Parking	\$ 300.00	100.00%	\$300.00	\$300.00	\$0.00
Overnight Mail - letter size	\$ 163.00	100.00%	\$163.00	\$163.00	\$0.00
Courier Services	\$ 100.00	100.00%	\$100.00	\$100.00	\$0.00
Photocopies B/W (8.5 X 11)	\$ 50.00	100.00%	\$50.00	\$50.00	\$0.00
Photocopies B/W (11 X 17)	\$ 20.00	100.00%	\$20.00	\$20.00	\$0.00
Photocopies Color (8.5 X 11)	\$ 350.00	100.00%	\$350.00	\$350.00	\$0.00
Photocopies Color (11 X 17)	\$ 125.00	100.00%	\$125.00	\$125.00	\$0.00
Presentation Boards 30" x 40" Color Mounted	\$ 360.00	100.00%	\$360.00	\$360.00	\$0.00
Totals	\$ 149,120.30		\$149,120.30	\$149,120.30	\$ -

Amount Due This Invoice

\$ -

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6: Supplemental Agreement No. 3 to WO 6 - IBTC Low Level Flight Invoice Number: 465201/51/XV Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
FC 145 - PROJECT MANAGEMENT AND ADMINISTRATION (FC 110 TO FC 160) (5 MONTHS)					
Project Management	\$ 3,218.16	100.00%	\$3,218.16	\$3,218.16	\$0.00
Coordination/Prepare Sub Contracts (1-Total)	\$ 1,396.56	100.00%	\$1,396.56	\$1,396.56	\$0.00
Manage Subconsultant Contracts (1-Total x 2-Mhrs/Mo Ea. x 5 Mos)	\$ 3,096.72	100.00%	\$3,096.72	\$3,096.72	\$0.00
Preparation of Invoices and Progress Reports (1 Per Mo X 5 Mos = 5 EA)	\$ 2,307.36	100.00%	\$2,307.36	\$2,307.36	\$0.00
Monitor Subproviders' Schedules on Monthly Basis (1 EA FOR 4 MONTHS)	\$ 2,307.36	100.00%	\$2,307.36	\$2,307.36	\$0.00
Prepare Monthly Project Schedule Update (5 EA)	\$ 1,366.20	100.00%	\$1,366.20	\$1,366.20	\$0.00
Organize and Upload Electronic File Deliverables	\$ 3,388.16	100.00%	\$3,388.16	\$3,388.16	\$0.00
QC/QA - Revised Draft Schematic (1 Submittal)	\$ 6,046.04	100.00%	\$6,046.04	\$6,046.04	\$0.00
QC/QA - Final Schematic (1 Submittal)	\$ 5,331.48	100.00%	\$5,331.48	\$5,331.48	\$0.00
QC/QA - Survey	\$ 8,841.36	100.00%	\$8,841.36	\$8,841.36	\$0.00
FC 150 - FIELD SURVEYING AND PHOTOGRAMMETRY					
Remove Existing DTM from Original Flight	\$ 922.92	100.00%	\$922.92	\$922.92	\$0.00
Update and Verify New Flight DTM File	\$ 3,367.98	100.00%	\$3,367.98	\$3,367.98	\$0.00
Right of Entry - Coordination, Administration, Research and Abstracting	\$ 48,900.00	100.00%	\$48,900.00	\$48,900.00	\$0.00
Preliminary Data Acquisition - Update Ownership Information and Maps	\$ 5,783.36	100.00%	\$5,783.36	\$5,783.36	\$0.00
Establish Primary Control Network	\$ 33,502.80	100.00%	\$33,502.80	\$33,502.80	\$0.00
Establish Secondary Control Network Along Proposed Centerline	\$ 25,269.56	100.00%	\$25,269.56	\$25,269.56	\$0.00
Establish Aerial Target Network for Design Level Photogrammetry	\$ 60,902.08	100.00%	\$60,902.08	\$60,902.08	\$0.00
Alignment Control	\$ 42,585.95	100.00%	\$42,585.95	\$42,585.95	\$0.00
Aerial Survey	\$ 63,885.56	100.00%	\$63,885.56	\$63,885.56	\$0.00
FC 160 -UPDATE SCHEMATIC BASED ON NEW DTM					
Update Horizontal Alignment Based on New DTM	\$ 4,930.36	100.00%	\$4,930.36	\$4,930.36	\$0.00
Update Vertical Alignment Based on New DTM	\$ 4,930.36	100.00%	\$4,930.36	\$4,930.36	\$0.00
Update ROW File Based on Revised Corner Clips	\$ 3,084.52	100.00%	\$3,084.52	\$3,084.52	\$0.00
Update Roadway Master Design File	\$ 5,515.34	100.00%	\$5,515.34	\$5,515.34	\$0.00
Verify and Update Topo File	\$ 3,550.12	100.00%	\$3,550.12	\$3,550.12	\$0.00
DIRECT EXPENSES					
Overnight Mail - letter size	\$ 400.00	100.00%	\$400.00	\$400.00	\$0.00
Courier Services	\$ 1,000.00	100.00%	\$1,000.00	\$1,000.00	\$0.00
Photocopies Color (11 X 17)	\$ 250.00	100.00%	\$250.00	\$250.00	\$0.00
Plots (Color on Bond) (4 Plots @ 40" each)	\$ 640.00	100.00%	\$640.00	\$640.00	\$0.00
Totals	\$ 346,720.31		\$ 346,720.31	\$ 346,720.31	\$ -

Amount Due This Invoice \$

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6: 465201/51/XV Invoice Number: 465201/51/XV
 Supplemental Agreement No. 4 to WO 6 - Engineering Management/Partial Operations Implementation/Public Outreach Invoice Period: 01/01/2016 - 01/31/2016
 Replaced by Supplemental Agreement No. 6 to WO 6 - Engineering Management/Partial Operations Implementation/Public Outreach

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
A. Coordinate / Update / Assist Executive Director					
1.) Continue to Educate Executive Director on Historical Activities / Budgets / Cost Accounting / Program Management Plan and QA/QC Plan (Including Weekly Mtgs) from July 1, 2013 to December 31, 2013	\$ 6,123.52	100.00%	\$6,123.52	\$6,123.52	\$0.00
B. Attend / Prepare Data / Report on Various Meetings (6.0 Months) July 1, 2013 through December 31, 2013					
1. HCRMA Board Meetings Including Presentation (Monthly) (6 Mtgs) (Inc. Prep Time)	\$ 11,571.60	100.00%	\$11,571.60	\$11,571.60	\$0.00
2. HCRMA Planning Committee Meetings (6 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 6,313.20	100.00%	\$6,313.20	\$6,313.20	\$0.00
3. HCRMA Finance Committee Meetings (6 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 3,156.60	100.00%	\$3,156.60	\$3,156.60	\$0.00
4. HCRMA MPO Policy Committee Meeting (6 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 3,939.90	100.00%	\$3,939.90	\$3,939.90	\$0.00
5. HCRMA MPO Tech Committee Meeting (6 Mts @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 3,108.90	100.00%	\$3,108.90	\$3,108.90	\$0.00
6. Various HCRMA Mtgs w/ Individual Board Members / Special Board Meetings (6 Mtg @ 2 hrs/Mtg) (Inc. Prep Time)	\$ 4,540.16	100.00%	\$4,540.16	\$4,540.16	\$0.00
7. Hidalgo County Meetings w/Staff (2 Mtgs. @2 hr. / Mtg.) (Inc. Prep Time)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
8. Hidalgo County Commissioner Precinct No. 1 (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 2,436.32	100.00%	\$2,436.32	\$2,436.32	\$0.00
9. Hidalgo County Commissioner Precinct No. 2 (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,902.00	100.00%	\$1,902.00	\$1,902.00	\$0.00
10. Hidalgo County Commissioner Precinct No. 3 (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,902.00	100.00%	\$1,902.00	\$1,902.00	\$0.00
11. Hidalgo County Commissioner Precinct No. 4 (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,902.00	100.00%	\$1,902.00	\$1,902.00	\$0.00
12. Attend Meetings TxDOT-Pharr (2 Mtgs. @ 2 hrs. / Mtg.) (Inc. Prep Time)	\$ 1,902.00	100.00%	\$1,902.00	\$1,902.00	\$0.00
13. Attend Meetings TxDOT-Austin includes Travel (1 Mtg. @ 10 hrs. / Mtg.)	\$ 3,388.78	100.00%	\$3,388.78	\$3,388.78	\$0.00
14. Attend Meetings With Legislators (1 Mtgs. @ 2 hrs. / Mtg.)	\$ 1,011.72	100.00%	\$1,011.72	\$1,011.72	\$0.00
15. Attend Meeting - 3 days in Washington to Visit Congress/TIFA (1 Mtg.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
16. Attend Hidalgo County Commissioners' Court Meeting (3 Mtgs. X 2 hr./Mtg.)	\$ 2,853.00	100.00%	\$2,853.00	\$2,853.00	\$0.00
C. Continue to Coordinate With HCMPO to Modify Short/ Long Term TIP to Account for Approved Strategy, including Updating Strategy (One (1) Update) from July 1, 2013 to December 31, 2013	\$ 5,132.32	100.00%	\$5,132.32	\$5,132.32	\$0.00
D. Continue to Negotiate / Coordinate with TxDOT on TxDOT Funding Modification (availability payments-CAT12) for SH 365 (Segment 1,2,3 and 4) / Segment No. 4 (US 281 / Military) from July 1, 2013 to December 31, 2013					
1. Meet / Coordinate With TxDOT Pharr (1 Mtg. @ 2 hrs. / Mtg.)	\$ 1,728.22	100.00%	\$1,728.22	\$1,728.22	\$0.00
2. Meet / Coordinate With TxDOT Austin (2 Mtgs. @ 10 hrs. / Mtg.)	\$ 7,579.08	100.00%	\$7,579.08	\$7,579.08	\$0.00
3. Finalize Availability Payments with TxDOT	\$ 2,566.16	100.00%	\$2,566.16	\$2,566.16	\$0.00
E. Continue to Implement Interim Cost Accounting System Utilizing Dannenbaum Cost Accounting System from July 1, 2013 to December 31, 2013					
1. Continue to Input Data for Development of Monthly Reports for HCRMA Board (July 1, 2013 thru December 31, 2013)	\$ 6,069.74	100.00%	\$6,069.74	\$6,069.74	\$0.00
2. Continue to Modify Monthly Reports for HCRMA Needs	\$ 5,826.86	100.00%	\$5,826.86	\$5,826.86	\$0.00
3. Continue to Input Monthly Data and Produce Final Reports for July 1, 2013 thru December 31, 2013	\$ 5,723.64	100.00%	\$5,723.64	\$5,723.64	\$0.00
F. Continue to Organize / Develop HCRMA Files By Project (Electronic and Hardcopy) from July 1, 2013 through December 31, 2013	\$ 9,684.90	100.00%	\$9,684.90	\$9,684.90	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6: 465201/51/XV Invoice Number: 01/01/2016 - 01/31/2016
 Supplemental Agreement No. 4 to WO 6 - Engineering Management/Partial Operations Implementation/Public Outreach
 Replaced by Supplemental Agreement No. 6 to WO 6 - Engineering Management/Partial Operations Implementation/Public Outreach

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
G. Continue to Coordinate with Hidalgo County Appraisal District on TRZ Inputs and Agreements and Finalize Agreements with each entity					
1. Research/Develop/Assist in Creating and Inputting of Data for Around 485 Parcels within TRZ to Assume Accuracy	\$ 62,661.60	100.00%	\$62,661.60	\$62,661.60	\$0.00
H. Continue to Finalize and Implement Public Outreach Program Managing with Assistance from Consultants from July 1, 2013 to December 31, 2013					
1. Finalize / Implement Public Outreach	\$ 15,510.90	100.00%	\$15,510.90	\$15,510.90	\$0.00
2. Review / Update Website	\$ -	0.00%	\$0.00	\$0.00	\$0.00
3. Develop Monthly Newsletter (Assist Subs)	\$ 11,580.84	100.00%	\$11,580.84	\$11,580.84	\$0.00
4. Begin Development of Branding Loop Project (Assist Subs)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
5. Assist / Develop Support Resolution From All Cities (Total 5 Mtgs.)	\$ 3,778.26	100.00%	\$3,778.26	\$3,778.26	\$0.00
6. Meet with Large Property Owners (SH 365)(Total 2 Mtgs. Including Preparation)	\$ 1,892.16	100.00%	\$1,892.16	\$1,892.16	\$0.00
7. Meet with EDC for the Cities of McAllen / Mission (Total 1 Mtg.)	\$ 1,467.12	100.00%	\$1,467.12	\$1,467.12	\$0.00
8. Meet with Trade Association / Civic Association (US / Mexico) (Total 1 Mtg.)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
I. Continue Public Outreach Meetings (Formal Presentation to Council) with the following Cities (Including Travel and Preparation for Meeting) (6.0 Months)(from July 1, 2013 to December 1, 2013):					
1. City of Pharr (2 Mtgs)	\$ 2,739.94	100.00%	\$2,739.94	\$2,739.94	\$0.00
2. City of Granjeno (1 Mtg)	\$ 1,758.58	100.00%	\$1,758.58	\$1,758.58	\$0.00
3. City of Donna (1 Mtg)	\$ 1,728.22	100.00%	\$1,728.22	\$1,728.22	\$0.00
4. City of Weslaco (1 Mtg)	\$ 1,728.22	100.00%	\$1,728.22	\$1,728.22	\$0.00
5. City of Mercedes (1 Mtg)	\$ 1,728.22	100.00%	\$1,728.22	\$1,728.22	\$0.00
6. City of Edcouch (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
7. City of McAllen (2 Mtgs.)	\$ 3,721.30	100.00%	\$3,721.30	\$3,721.30	\$0.00
8. City of Mission (2 Mtgs.)	\$ 3,721.30	100.00%	\$3,721.30	\$3,721.30	\$0.00
9. City of Penitas (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
10. City of Palmview (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
11. City of La Joya (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
12. City of Edinburg (2 Mtgs)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
13. City of Sullivan City (1 Mtg)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
J. Continue the Oversight of C&M Associates, Inc., in Developing the Overweight Corridor Study (6.0 months) from July 1, 2013 to December 31, 2013					
1. Implementation of C&M Overweight Corridor Study	\$ 4,367.24	100.00%	\$4,367.24	\$4,367.24	\$0.00
2. Update Strategic Plan for Funding (Project Funding from Overweight Permits / Additional TXDOT Funding/Leverage)	\$ 8,544.84	100.00%	\$8,544.84	\$8,544.84	\$0.00
3. Coordinate with development of overweight corridor	\$ 7,512.56	100.00%	\$7,512.56	\$7,512.56	\$0.00
K. Continue to Oversee IBTC (6.0 Months) from July 1, 2013 to December 1, 2013					
1. Assist HCRMA E.D. to Modify RFP and Procure Engineering Services (Including Contract Negotiations for Main Contract and WA No. 1) for each Project Assumes (2 Projects)	\$ 29,862.78	100.00%	\$29,862.78	\$29,862.78	\$0.00
2. Assist HCRMA E.D. to Develop RFQ, Procure Surveyors for Right of Way mapping (Including Contract Negotiations for Main Contract and WA No. 1 assumes 3 Surveyors (Assist by Aranda & Associates))	\$ 12,163.78	100.00%	\$12,163.78	\$12,163.78	\$0.00
3. Assist HCRMA E.D. to Develop RFQ, Procure Geotechnical Consultant for Geotechnical work for all of IBTC assume one project	\$ 4,027.18	100.00%	\$4,027.18	\$4,027.18	\$0.00
4. Continue to Oversee Local Environmental Clearance (Assisted by Blanton - Lead) (6.0 Months)	\$ 50,790.94	100.00%	\$50,790.94	\$50,790.94	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6: 465201/51/XV Invoice Number: 465201/51/XV
 Supplemental Agreement No. 4 to WO 6 - Engineering Management/Partial Operations Implementation/Public Outreach Invoice Period: 01/01/2016 - 01/31/2016
 Replaced by Supplemental Agreement No. 6 to WO 6 - Engineering Management/Partial Operations Implementation/Public Outreach

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
K. Continue to Oversee IBTC (6.0 Months) from July 1, 2013 to December 1, 2013 (continued)	\$	0.00%	\$0.00		\$0.00
5. Oversee IBTC Drainage Studies (Nov. 1, 2013 to Dec. 31, 2013) (2.0 Months) (Delete Future WA)	\$	0.00%	\$0.00		\$0.00
6. Oversee Low Level Flight (Assisted by Aranda & Associates - Lead) (Including previous)	\$	0.00%	\$0.00		\$0.00
7. QA/QC Drainage Study (60%)	\$	0.00%	\$0.00		\$0.00
8. QA/QC Low Level Flight (Aranda) (Including previous)	\$	0.00%	\$0.00		\$0.00
9. Attend Meeting with USBWC (1) (Combined with SH 365) in El Paso	\$	0.00%	\$0.00		\$0.00
10. Attend Meeting with USACOE (1) (Combined with SH 365)	\$	0.00%	\$0.00		\$0.00
11. Attend Meeting with US Fish and Wildlife (1) (Delete Future WA)	\$	0.00%	\$0.00		\$0.00
L. Continue to Oversee SH 365 (Segment 1, 2 & 3) (Inc. SH 365 at GSA Anzalduas Bridge)(6.0 Months) from July 1, 2013 to December 31, 2013	\$	100.00%	\$85,371.13	\$85,371.13	\$0.00
1. Continue to Oversee Environmental Clearance By Atkins (EA) includes Negotiating Limits to FM 1016 (Assisted by Blanton & Assoc. - Lead)	\$	100.00%	\$51,171.52	\$51,171.52	\$0.00
2. Continue to Oversee Drainage Studies / Utilities / Pavement Design Produced By L&G Engineering / S&B Infrastructure Including Segment No. 3. Also, (W.A. No. 1)	\$	100.00%	\$12,937.22	\$12,937.22	\$0.00
3. Continue to QA/QC Drainage Study (90%)	\$	100.00%	\$5,544.34	\$5,544.34	\$0.00
4. Attend Meeting With USBWC (1 Mtg. - El Paso) (Including IBTC)	\$	100.00%	\$5,544.34	\$5,544.34	\$0.00
5. Attend Meeting With USACOE (1 Mtg. - HST)	\$	0.00%	\$0.00		\$0.00
6. Attend Meeting With US Fish & Wildlife (1 Mtg. - RGV) (Included in IBTC)	\$	100.00%	\$4,694.28	\$4,694.28	\$0.00
7. Attend Meeting With TxDOT Austin / FHWA (1 Mtg. - Austin)	\$	100.00%	\$22,267.48	\$22,267.48	\$0.00
8. Continue to Oversee / Development of 4-Lane Schematic (L&G Engineering and S&B Infrastructure) (W.A. No. 1)	\$	100.00%	\$29,264.82	\$29,264.82	\$0.00
9. QA/QC Schematic (100%)	\$	0.00%	\$0.00		\$0.00
10. Prepare Decision Matrix for Environmental Consultant	\$	100.00%	\$3,968.78	\$3,968.78	\$0.00
11. Continue to Oversee Surveyors including Right of Entry Assistance for 100 Parcels (DOS Logistics / Quintanilla) (Assisted by Aranda and Associates - Lead)	\$	100.00%	\$3,840.39	\$3,840.39	\$0.00
12. Hold / Lead Public Involvement Meeting (1 Additional Mtg.) Including Prepare Exhibits (Partial Deletion, Actual meeting in future WA)	\$	100.00%	\$42,197.02	\$42,197.02	\$0.00
13. Negotiate/Prepare W.A. No. 2 with L&G & S&B for PS&E Development including monitoring PS&E Development from 9/1/13 to 12/31/13 (4 Months)	\$	100.00%	\$71,198.50	\$71,198.50	\$0.00
14. Negotiate/Prepare W.A. No. 2 for DOS and Quintanilla for SH 365 (Assist by Aranda & Associates)	\$	100.00%	\$7,139.82	\$7,139.82	\$0.00
15. Meet with Hunt Development (Mission - 2 Mtgs) (2 hrs / Mtg)(Inc. Prep Time)	\$	0.00%	\$0.00		\$0.00
16. Assist HDR in Developing TIFIA Application (NOT in this supplemental)	\$				
M. Continue to Oversee SH 365 Segment No. 4 (US 281 / Military) (6.0 Months) from July 1, 2013 to December 1, 2013	\$	0.00%	\$0.00	\$0.00	\$0.00
1. Oversee Environmental Clearance by Atkins (Included in Item L.)	\$	100.00%	\$59,802.88	\$59,802.88	\$0.00
2. Oversee Engineer in Development of Drainage / Utilities / Schematic / Survey / Warrant Studies / Illumination Studies (6.0 Months)	\$	100.00%	\$24,628.72	\$24,628.72	\$0.00
3. Negotiate / Prepare WA No. 3 for TEDSI for Preparation of PS&E and Monitor PS&E for 11/1/13 to 12/31/13 (2.0 Months)	\$	100.00%	\$6,480.28	\$6,480.28	\$0.00
4. Continue to Meet With City of Pharr Including Development of Exhibits to Analyze SH 365 (Segment No. 4) (US 281 / I Road / San Juan Area) (2 Mtgs)	\$				

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6: Supplemental Agreement No. 4 to WO 6 - Engineering Management/Partial Operations Implementation/Public Outreach
 Replaced by Supplemental Agreement No. 6 to WO 6 - Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
 Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
N. Implementation of GIS Tools					
User Requirements					
1. Conduct Stakeholder and Program Management Team GIS user requirements meeting	\$ 3,716.08	100.00%	\$3,716.08	\$3,716.08	\$0.00
2. Develop GIS user requirements documentation and implementation plan	\$ 4,323.28	100.00%	\$4,323.28	\$4,323.28	\$0.00
3. Present user requirements and implementation plan to Stakeholders and Program Management Team Database	\$ 621.23	100.00%	\$621.23	\$621.23	\$0.00
1. Design, load and integrate HCRMA specific GIS data into an ArcGIS Server / SQL Server central database with ProjectWise documents	\$ 31,428.96	100.00%	\$31,428.96	\$31,428.96	\$0.00
2. QA/QC existing and HCRMA specific GIS database for compliance with Requirements	\$ 4,176.43	100.00%	\$4,176.43	\$4,176.43	\$0.00
1. Develop GIS roadway information management tools on Dannenbaum's application development server	\$ 12,629.60	100.00%	\$12,629.60	\$12,629.60	\$0.00
2. Integrate document access through ArcGIS Server website application to documents being managed through ProjectWise	\$ 3,788.88	100.00%	\$3,788.88	\$3,788.88	\$0.00
3. QA/QC / unit testing of the GIS roadway information management tools	\$ 8,913.68	100.00%	\$8,913.68	\$8,913.68	\$0.00
4. Migrate GIS roadway information management tools from Dannenbaum's application development server to Dannenbaum's production ArcGIS Server hosting environment	\$ 1,569.60	100.00%	\$1,569.60	\$1,569.60	\$0.00
5. Develop GIS roadway information management tools user manual documentation and conduct user training	\$ 3,088.30	100.00%	\$3,088.30	\$3,088.30	\$0.00
ROW Acquisition Tools					
1. Develop ROW acquisition tools on Dannenbaum's application development server	\$ 3,788.88	100.00%	\$3,788.88	\$3,788.88	\$0.00
2. QA/QC / unit testing of the ROW acquisition tools	\$ 2,543.01	100.00%	\$2,543.01	\$2,543.01	\$0.00
3. Migrate ROW acquisition tools from Dannenbaum's application development server to Dannenbaum's production ArcGIS server hosting environment	\$ 1,569.60	100.00%	\$1,569.60	\$1,569.60	\$0.00
4. Develop ROW acquisition tools user manual documentation and conduct user training	\$ 2,773.71	100.00%	\$2,773.71	\$2,773.71	\$0.00
Utility Adjustment Tools					
1. Develop utility adjustment tools on Dannenbaum's application development server	\$ 18,944.40	100.00%	\$18,944.40	\$18,944.40	\$0.00
2. QA/QC / unit testing of the utility adjustment tools	\$ 9,228.27	100.00%	\$9,228.27	\$9,228.27	\$0.00
3. Migrate utility adjustment tools from Dannenbaum's application development server to Dannenbaum's production ArcGIS server hosting environment	\$ 1,569.60	100.00%	\$1,569.60	\$1,569.60	\$0.00
4. Develop utility adjustment tools user manual documentation and conduct user training	\$ 2,773.71	100.00%	\$2,773.71	\$2,773.71	\$0.00
Helpdesk					
1. Tech Support	\$ 5,993.12	100.00%	\$5,993.12	\$5,993.12	\$0.00
Data Maintenance					
1. Perform database updates and maintenance to keep information current	\$ 46,268.40	100.00%	\$46,268.40	\$46,268.40	\$0.00
O. Implementation of Project Wise					
1. PMC Training (x1 brown bag session via Web)	\$ 503.98	100.00%	\$503.98	\$503.98	\$0.00
2. On-going Support (6 months)	\$ 4,736.16	100.00%	\$4,736.16	\$4,736.16	\$0.00
3. Project Wise End User Training (x4 brown bag training sessions via Web to teach ANY End user how to manage documents in a Project Wise document controlled environment)	\$ 3,242.48	100.00%	\$3,242.48	\$3,242.48	\$0.00
4. Develop HCRMA Project Wise and GIS data management business process documentation	\$ 5,246.28	100.00%	\$5,246.28	\$5,246.28	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6: 465201/51/XV Invoice Number: 465201/51/XV
 Supplemental Agreement No. 4 to WO 6 - Engineering Management/Partial Operations Implementation/Public Outreach Invoice Period: 01/01/2016 - 01/31/2016
 Replaced by Supplemental Agreement No. 6 to WO 6 - Engineering Management/Partial Operations Implementation/Public Outreach

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
P. Negotiate Oversee Toll Integrator (Consultants) from July 1, 2013 to December 31, 2013					
1. Finalize Previous Selection / Negotiate / Prepare Contract and WA No. 1 to Develop Overall Toll Strategy for Loop with HDR Assistance	\$ 2,653.83	100.00%	\$2,653.83	\$2,653.83	\$0.00
2. Negotiate / Prepare WA No. 2 to Prepare Preliminary Engineering for SH 365 Toll Integrator with HDR Assistance (Next WA)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
3. Oversee / Manage WA No. 1 - Toll Integrator (Consultants) (Overall Toll Strategy for Loop) (3 Months)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
4. Oversee / Manage WA No. 2 - Toll Integrator (Consultants) (Preliminary Engineering for SH 365 (Next WA)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Q. Develop / Procure / Negotiate Services for various Consultants to be used on SH 365 and IBTC					
1. Assist E.D. to Develop RFP, Procurement Services and Negotiate Contracts for appraisal consultants for both SH 365 and IBTC (Develop Post-Assume three (3) Appraisals)	\$ 5,933.78	100.00%	\$5,933.78	\$5,933.78	\$0.00
2. Assist E.D. to Develop RFP, Procurement Services and Negotiate Contracts for title company consultants for both SH 365 and IBTC (Develop Post-Assume three (3) consultants)	\$ 5,933.78	100.00%	\$5,933.78	\$5,933.78	\$0.00
3. Assist E.D. to Develop RFP, Procurement Services and Negotiate Contracts for Right-of-Way Agents for both SH 365 and IBTC (Develop Post-Assume three (3) Agents)	\$ 5,933.78	100.00%	\$5,933.78	\$5,933.78	\$0.00
R. Value Engineering - IBTC Pre- and Post-Workshop					
1. Project Management	\$ 3,714.78	100.00%	\$3,714.78	\$3,714.78	\$0.00
2. Pre-Workshop Planning, information review, draft functional analysis	\$ 6,481.36	100.00%	\$6,481.36	\$6,481.36	\$0.00
3. Prepare Draft VE report, circulate for comment, finalize VE report	\$ 18,642.52	100.00%	\$18,642.52	\$18,642.52	\$0.00
Value Engineering Working (Mon-Fri) (IBTC)					
1. Travel time allowance (IBTC)	\$ 16,378.40	100.00%	\$16,378.40	\$16,378.40	\$0.00
2. VE Workshop (IBTC)	\$ 86,113.44	100.00%	\$86,113.44	\$86,113.44	\$0.00
R. Additional Tasks Required from September 1, 2013 to December 31, 2013					
1. Additional field effort based on TxDOT Pharr District Comment to Draft EA	\$ 12,930.43	100.00%	\$12,930.43	\$12,930.43	\$0.00
2. ETT Sharyland Utility / AEP Transmission Project	\$ 55,061.80	100.00%	\$55,061.80	\$55,061.80	\$0.00
3. VRF Bond sale documentation	\$ 16,650.45	100.00%	\$16,650.45	\$16,650.45	\$0.00
DIRECT EXPENSES					
Lodging / Hotel (\$100.00 / DAY)	\$ 3,370.00	100.00%	\$3,370.00	\$3,370.00	\$0.00
Meals (\$30.00 / DAY)	\$ 1,320.00	100.00%	\$1,320.00	\$1,320.00	\$0.00
Rental Car	\$ 1,860.00	100.00%	\$1,860.00	\$1,860.00	\$0.00
Air Travel	\$ 10,400.00	100.00%	\$10,400.00	\$10,400.00	\$0.00
Parking	\$ 426.00	100.00%	\$426.00	\$426.00	\$0.00
Mileage	\$ 215.00	100.00%	\$215.00	\$215.00	\$0.00
Overnight Mail - letter size	\$ 2,250.00	100.00%	\$2,250.00	\$2,250.00	\$0.00
Courier Services	\$ 2,600.00	100.00%	\$2,600.00	\$2,600.00	\$0.00
Photocopies BW (8.5 X 11)	\$ 2,120.00	100.00%	\$2,120.00	\$2,120.00	\$0.00
Photocopies BW (11 X 17)	\$ 1,088.30	100.00%	\$1,088.30	\$1,088.30	\$0.00
Photocopies Color (8.5 X 11)	\$ 590.00	100.00%	\$590.00	\$590.00	\$0.00
Photocopies Color (11 X 17)	\$ 2,000.00	100.00%	\$2,000.00	\$2,000.00	\$0.00
Color Graphics on Foam Board	\$ 1,860.00	100.00%	\$1,860.00	\$1,860.00	\$0.00
Newspaper Advertisement	\$ -	0.00%	\$0.00	\$0.00	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6: Supplemental Agreement No. 4 to WO 6 - Engineering Management/Partial Operations Implementation/Public Outreach
 Replaced by Supplemental Agreement No. 6 to WO 6 - Engineering Management/Partial Operations Implementation/Public Outreach

Invoice Number: 465201/51/XV
 Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
DIRECT EXPENSES (Continued)					
Court Reporter (Public Hearings & Transcription)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Translator (English to Spanish or Sign Language)	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Public Involvement Facility Rental	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Public Outreach Liaison (6 Months - July - December, 2013)	\$ 90,000.00	100.00%	\$90,000.00	\$90,000.00	\$0.00
Accounting Support Services	\$ 10,000.00	100.00%	\$10,000.00	\$10,000.00	\$0.00
IT / Support Services (includes time on Project Wise Implementation / Data Organization @ 60 hrs)	\$ 12,800.00	100.00%	\$12,800.00	\$12,800.00	\$0.00
Bing Maps Annual Subscription Fee	\$ 5,000.00	100.00%	\$5,000.00	\$5,000.00	\$0.00
Management Support Services	\$ 48,000.00	100.00%	\$48,000.00	\$48,000.00	\$0.00
Community Action Support	\$ 54,000.00	100.00%	\$54,000.00	\$54,000.00	\$0.00
Totals	\$ 1,437,465.41		\$ 1,437,465.41	\$ 1,437,465.41	\$ -

Amount Due This Invoice

\$

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**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 6:
Supplemental Agreements No. 5 & No. 7 to WO 6 - SUE Services - SH 365

Invoice Number: 465201/S1/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
Oversight of Utility Exposures and Potholing for SH 365 from FM 1016/Conway Ave. to US 281/Military Highway (not including from 0.45 miles East of Spur 600 to FM 2557/Stewart Rd. along US 281/Military Highway)	\$ 1,678.91	100.00%	\$1,678.91	\$1,678.91	\$0.00
	\$ 7,925.92	100.00%	\$7,925.92	\$7,925.92	\$0.00
Compensable Utility Exposures Utility Locating Services Mobilization/Demobilization Reimbursables (Traffic Control & Per Diem)	\$ 56,950.00	100.00%	\$56,950.00	\$56,950.00	\$0.00
	\$ 2,700.00	100.00%	\$2,700.00	\$2,700.00	\$0.00
	\$ 3,740.00	100.00%	\$3,740.00	\$3,740.00	\$0.00
Non-Compensable Utility Exposures (Permitted) Utility Locating Services Mobilization/Demobilization Reimbursables (Traffic Control & Per Diem)	\$ 38,700.00	100.00%	\$38,700.00	\$38,700.00	\$0.00
	\$ 2,700.00	100.00%	\$2,700.00	\$2,700.00	\$0.00
	\$ 2,660.00	100.00%	\$2,660.00	\$2,660.00	\$0.00
Subtotal - SA #5	\$ 117,054.83		\$ 117,054.83	\$ 117,054.83	\$ -
Compensable Utility Exposures - SA #7 - Additional 27 Exposures Utility Locating Services Mobilization/Demobilization Reimbursables (Traffic Control & Per Diem)	\$ 46,580.00	100.00%	\$46,580.00	\$46,580.00	\$0.00
	\$ 2,700.00	100.00%	\$2,700.00	\$2,700.00	\$0.00
	\$ 4,970.00	100.00%	\$4,970.00	\$4,970.00	\$0.00
Subtotal - SA #7	\$ 54,250.00		\$ 54,250.00	\$ 54,250.00	\$ 0.00
Non-Compensable Utility Exposures (Permitted) - SA #7 - Additional 27 Exposures Utility Locating Services Reimbursables (Traffic Control & Per Diem)	\$ 9,430.00	100.00%	\$9,430.00	\$9,430.00	\$0.00
	\$ 1,310.00	100.00%	\$1,310.00	\$1,310.00	\$0.00
	\$ 64,990.00		\$ 64,990.00	\$ 64,990.00	\$ -
Totals	\$ 182,044.83		\$ 182,044.83	\$ 182,044.83	\$ -

Amount Due This Invoice \$ -

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 8 including SWA #1 to WO #8:
Systemwide Management & Project Management Tasks

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING	
1	SYSTEMWIDE MANAGEMENT Systemwide General Administrative Support Cost and Scheduling Controls Coordination with TxDOT Staff (All Projects) HCMPO Coordination Meetings with Stakeholders (All Projects) Public Outreach Offsite Drainage Coordination Overweight / Oversize (OW/OS) Corridor Implementation	\$27,250.00	100.00%	\$27,250.00	\$27,250.00	\$0.00	
2		\$17,500.00	100.00%	\$17,500.00	\$17,500.00	\$0.00	
3		\$14,000.00	100.00%	\$14,000.00	\$14,000.00	\$0.00	
4		\$2,000.00	100.00%	\$2,000.00	\$2,000.00	\$0.00	
5		\$32,000.00	100.00%	\$32,000.00	\$32,000.00	\$0.00	
6		\$8,000.00	100.00%	\$8,000.00	\$8,000.00	\$0.00	
7		\$34,970.00	100.00%	\$34,970.00	\$34,970.00	\$0.00	
8		\$24,600.00	100.00%	\$24,600.00	\$24,600.00	\$0.00	
A	PROJECT MANAGEMENT Project Management SH 365 (Segment 1: from US 281 to McCoil Rd; Segment 2: from McCoil Rd to FM 396; Segment 3: Along US 281 to BSIF; and Segment 4: FM 396 to FM 1016) Manage Federal Environmental Document efforts leading to FONSI (1 consultant @ 6 months)(Segments 1 through 4)(Assisted by Blanton and Associates) Manage ROW Strip Map and parcel plats (Segment 1: 0031 QHA @ 6 months) Manage ROW Strip Map and parcel plats (Segments 2 & 4: 0032 & 0034 DLS @ 6 months) Manage ROW Strip Map and parcel plats (Segment 3: 0033 TEDSI @ 3 months) Coordinate submittal and processing of final schematic (All Segments) Manage PS&E (Segment 1: 0031 S&B @ 6 months) Manage PS&E (Segments 2 & 4: 0032 & 0034 L&G @ 6 months) Manage PS&E (Segment 3: 0033 TEDSI @ 6 months) Coordinate ROW Acquisition (Segments 1, 2, and 3) Coordinate Utility Relocations (Segments 1, 2, 3, and 4)	\$51,000.00	100.00%	\$51,000.00	\$51,000.00	\$0.00	
B		\$28,800.00	100.00%	\$28,800.00	\$28,800.00	\$0.00	
C		\$28,800.00	100.00%	\$28,800.00	\$28,800.00	\$0.00	
D		\$24,000.00	100.00%	\$24,000.00	\$24,000.00	\$0.00	
E		\$9,600.00	100.00%	\$9,600.00	\$9,600.00	\$0.00	
F		\$4,800.00	100.00%	\$4,800.00	\$4,800.00	\$0.00	
G		\$4,800.00	100.00%	\$4,800.00	\$4,800.00	\$0.00	
H		\$3,200.00	100.00%	\$3,200.00	\$3,200.00	\$0.00	
I		\$13,600.00	100.00%	\$13,600.00	\$13,600.00	\$0.00	
J		\$6,560.00	100.00%	\$6,560.00	\$6,560.00	\$0.00	
A		Project Management IBTC (Segment 1: Interchange with SH 365 to Floodway Bridge; Segment 2: Floodway Bridge to Valley View Interchange to I-2; Segment 3: Valley View Interchange to FM 493)	\$64,000.00	100.00%	\$64,000.00	\$64,000.00	\$0.00
ODC		Manage Federal Environmental Document efforts leading to FONSI (1 consultant @ 6 months)(Segments 1 through 3)(Assisted by Blanton and Associates) Direct Expenses	\$60,520.00	100.00%	\$60,520.00	\$60,520.00	\$0.00
TOTALS		\$460,000.00	100.00%	\$460,000.00	\$460,000.00	\$0.00	

TOTAL DUE WORK ORDER NO. 8:

\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 8 including SWA #1 to WO #8:
Systemwide Management & Project Management Tasks

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
SYSTEMWIDE MANAGEMENT					
1. Systemwide General Administrative Support (including coordination with HCRMA Executive Director's Office)					
A. Briefings on consultant activity, stakeholder coordination, and general RMA business matters	\$ 2,250.00	100.00%	\$2,250.00	\$2,250.00	\$0.00
B. Briefings on ideas to mitigate risks or issues that arise during plan design, ROW acquisition, and utility relocations	\$ 2,250.00	100.00%	\$2,250.00	\$2,250.00	\$0.00
C. Support for consultant invoice reviews (monthly) (6 Engineers; 5 Surveyors; 1 Environmental)					
1. SH 365 - Environmental (0020 Atkins)	\$ 1,325.00	100.00%	\$1,325.00	\$1,325.00	\$0.00
2. SH 365 - Survey (0031 QHA)	\$ 1,325.00	100.00%	\$1,325.00	\$1,325.00	\$0.00
3. SH 365 - Survey (0032/0034 DLS)	\$ 1,325.00	100.00%	\$1,325.00	\$1,325.00	\$0.00
4. SH 365 - Survey (0033 TEDSI)	\$ 1,325.00	100.00%	\$1,325.00	\$1,325.00	\$0.00
5. SH 365 - Engineering (0031 S&B)	\$ 2,500.00	100.00%	\$2,500.00	\$2,500.00	\$0.00
6. SH 365 - Engineering (0032/0034 L&G)	\$ 2,500.00	100.00%	\$2,500.00	\$2,500.00	\$0.00
7. SH 365 - Engineering (0033 TEDSI)	\$ 2,500.00	100.00%	\$2,500.00	\$2,500.00	\$0.00
D. Support for Board packet preparation (planning, finance, and full Board) (monthly)	\$ 3,600.00	100.00%	\$3,600.00	\$3,600.00	\$0.00
E. Support for contract management (create contracts, work authorizations, and supplemental agreements)	\$ 3,600.00	100.00%	\$3,600.00	\$3,600.00	\$0.00
F. Technical review of legal documents.	\$ 2,750.00	100.00%	\$2,750.00	\$2,750.00	\$0.00
2. Cost and Scheduling Controls					
A. Maintain document control efforts to record all HCRMA files (via ProjectWise) (weekly)	\$ 4,350.00	100.00%	\$4,350.00	\$4,350.00	\$0.00
B. Keep cost accounting up to date (input cost data)	\$ 4,350.00	100.00%	\$4,350.00	\$4,350.00	\$0.00
C. Develop monthly operating cashflows	\$ 2,800.00	100.00%	\$2,800.00	\$2,800.00	\$0.00
D. Update of Project Development Strategic Plan for construction cost updates, scheduling updates, revenue sources updates, etc.	\$ 2,800.00	100.00%	\$2,800.00	\$2,800.00	\$0.00
E. Provide updated cashflows to financial advisor	\$ 1,600.00	100.00%	\$1,600.00	\$1,600.00	\$0.00
F. Review financial plan update results with HCRMA staff	\$ 1,600.00	100.00%	\$1,600.00	\$1,600.00	\$0.00
3. Coordination with TxDOT Staff (All Projects)	\$ 14,000.00	100.00%	\$14,000.00	\$14,000.00	\$0.00
4. HCMPO Coordination	\$ 2,000.00	100.00%	\$2,000.00	\$2,000.00	\$0.00
5. Meetings with stakeholders (All Projects)					
A. HCRMA	\$ 6,000.00	100.00%	\$6,000.00	\$6,000.00	\$0.00
B. State	\$ 9,500.00	100.00%	\$9,500.00	\$9,500.00	\$0.00
C. Hidalgo County	\$ 8,500.00	100.00%	\$8,500.00	\$8,500.00	\$0.00
D. Municipalities	\$ 8,000.00	100.00%	\$8,000.00	\$8,000.00	\$0.00
6. Public Outreach	\$ 8,000.00	100.00%	\$8,000.00	\$8,000.00	\$0.00
7. Offsite Drainage Coordination					
A. Implement conditions of the Inter Local Agreement	\$ 5,345.00	100.00%	\$5,345.00	\$5,345.00	\$0.00
B. Coordinate outfall locations	\$ 10,125.00	100.00%	\$10,125.00	\$10,125.00	\$0.00
C. Participate in review for reimbursement agreements and verify scope of work and cost estimates for each outfall project to be funded by HCRMA local funding	\$ 19,500.00	100.00%	\$19,500.00	\$19,500.00	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 8 including SWA #1 to WO #8:
Systemwide Management & Project Management Tasks

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
B. Overweight / Oversize (OWIOS) Corridor Implementation					
A. Assist in online permitting implementation	\$ 3,600.00	100.00%	\$3,600.00	\$3,600.00	\$0.00
B. Attend meetings with OWIOS Corridor Stakeholders	\$ 3,000.00	100.00%	\$3,000.00	\$3,000.00	\$0.00
1. City of Pharr International Bridge Staff (3 Mtgs. @ 2 hrs. / mtg.)	\$ 2,500.00	100.00%	\$2,500.00	\$2,500.00	\$0.00
2. DPS Regional Office (2 Mtgs. @ 2 hrs. / mtg.)	\$ 2,500.00	100.00%	\$2,500.00	\$2,500.00	\$0.00
3. TxDOT Pharr District (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 2,500.00	100.00%	\$2,500.00	\$2,500.00	\$0.00
4. City of McAllen International Bridge Staff (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 2,500.00	100.00%	\$2,500.00	\$2,500.00	\$0.00
5. Industry Associations in Mexico (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 2,500.00	100.00%	\$2,500.00	\$2,500.00	\$0.00
6. Industry Associations in the U.S. (2 Mtgs. @ 2 hrs. / Mtg.)	\$ 2,500.00	100.00%	\$2,500.00	\$2,500.00	\$0.00
C. Manage communications between certified scales and permitting office	\$ 5,500.00	100.00%	\$5,500.00	\$5,500.00	\$0.00
PROJECT MANAGEMENT					
1. Project Management SH 365 (Segment 1: from US 281 to McCoil Rd; Segment 2: from McCoil Rd to FM 396; Segment 3: Along US 281 to BSIF; and Segment 4: FM 396 to FM 1016)	\$ 18,000.00	100.00%	\$18,000.00	\$18,000.00	\$0.00
A. Manage Federal Environmental Document efforts leading to FONSI (1 consultant @ 6 months) (Segments 1 through 4) (Assisted by Blanton and Associates)	\$ 18,000.00	100.00%	\$18,000.00	\$18,000.00	\$0.00
1. Review draft documents	\$ 15,000.00	100.00%	\$15,000.00	\$15,000.00	\$0.00
2. Respond to RFI's to complete environmental documents	\$ 18,000.00	100.00%	\$18,000.00	\$18,000.00	\$0.00
3. Coordination with TxDOT Pharr District and Austin ENV	\$ 15,000.00	100.00%	\$15,000.00	\$15,000.00	\$0.00
B. Manage ROW Strip Map and parcel plats (Segment 1: 0031 QHA @ 6 months)					
1. Final Review of Strip Map (Assisted by Aranda and Associates)	\$ 14,400.00	100.00%	\$14,400.00	\$14,400.00	\$0.00
2. Manage Preparation of Parcel Maps (Assisted by Aranda and Associates)	\$ 14,400.00	100.00%	\$14,400.00	\$14,400.00	\$0.00
C. Manage ROW Strip Map and parcel plats (Segments 2 & 4: 0032 & 0034 DLS @ 6 months)					
1. Final Review of Strip Map (Assisted by Aranda and Associates)	\$ 14,400.00	100.00%	\$14,400.00	\$14,400.00	\$0.00
2. Manage Preparation of Parcel Maps (Assisted by Aranda and Associates)	\$ 14,400.00	100.00%	\$14,400.00	\$14,400.00	\$0.00
D. Manage ROW Strip Map and parcel plats (Segment 3: 0033 TEDSi @ 3 months)					
1. Final Review of Strip Map (Assisted by Aranda and Associates)	\$ 12,000.00	100.00%	\$12,000.00	\$12,000.00	\$0.00
2. Manage Preparation of Parcel Maps (Assisted by Aranda and Associates)	\$ 12,000.00	100.00%	\$12,000.00	\$12,000.00	\$0.00
E. Coordinate submittal and processing of final schematic (All Segments)					
1. To TxDOT - Austin for approval	\$ 9,600.00	100.00%	\$9,600.00	\$9,600.00	\$0.00
F. Manage PS&E (Segment 1: 0031 S&B @ 6 months)					
1. Coordination meetings with project managers	\$ 4,800.00	100.00%	\$4,800.00	\$4,800.00	\$0.00
G. Manage PS&E (Segments 2 & 4: 0032 & 0034 L&G @ 6 months)					
1. Coordination meetings with project managers	\$ 4,800.00	100.00%	\$4,800.00	\$4,800.00	\$0.00
H. Manage PS&E (Segment 3: 0033 TEDSi @ 6 months)					
1. Coordination meetings with project managers	\$ 3,200.00	100.00%	\$3,200.00	\$3,200.00	\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 8 including SWA #1 to WO #8:
Systemwide Management & Project Management Tasks

Invoice Number: 465201/51XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
I. Coordinate ROW Acquisition (Segments 1, 2, and 3)					
1. Coordinate data input into web-based interface server	\$ 4,800.00	100.00%	\$4,800.00	\$4,800.00	\$0.00
2. Coordinate with HCRMA Legal Team Title Reports, Appraisals on ROW acquisition	\$ 5,200.00	100.00%	\$5,200.00	\$5,200.00	\$0.00
3. Coordinate with ROW - Agent Title Reports, Appraisals on ROW acquisition	\$ 3,600.00	100.00%	\$3,600.00	\$3,600.00	\$0.00
J. Coordinate Utility Relocations (Segments 1, 2, 3, and 4)					
1. Manage Subsurface utility exposures SUE (RODS SUE as subcontractor to PMC)	\$ 6,560.00	100.00%	\$6,560.00	\$6,560.00	\$0.00
2. Project Management IBTC (Segment 1: Interchange with SH 365 to Floodway Bridge; Segment 2: Floodway Bridge to Valley View Interchange to I-2; Segment 3: Valley View Interchange to FM 493)					
A. Manage Federal Environmental Document efforts leading to FONSI (1 consultant @ 6 months)(Segments 1 through 3)(Assisted by Blanton and Associates)					
1. Review draft documents including development of classification letter	\$ 23,500.00	100.00%	\$23,500.00	\$23,500.00	\$0.00
2. Respond to RFIs to complete environmental documents	\$ 22,500.00	100.00%	\$22,500.00	\$22,500.00	\$0.00
3. Coordination with TxDOT Pharr District and Austin ENV including development of classification letter	\$ 18,000.00	100.00%	\$18,000.00	\$18,000.00	\$0.00
Direct Expenses					
Lodging / Hotel (\$100 / day)	\$ 250.00	100.00%	\$250.00	\$250.00	\$0.00
Meals (\$30 / day)	\$ 100.00	100.00%	\$100.00	\$100.00	\$0.00
Rental Car	\$ 218.00	100.00%	\$218.00	\$218.00	\$0.00
Parking	\$ 62.00	100.00%	\$62.00	\$62.00	\$0.00
Overnight Mail - letter size	\$ 1,490.00	100.00%	\$1,490.00	\$1,490.00	\$0.00
Courier Services	\$ 2,000.00	100.00%	\$2,000.00	\$2,000.00	\$0.00
Photocopies BW (8.5 x 11)	\$ 1,800.00	100.00%	\$1,800.00	\$1,800.00	\$0.00
Photocopies BW (11 x 17)	\$ 300.00	100.00%	\$300.00	\$300.00	\$0.00
Photocopies Color (8.5 x 11)	\$ 900.00	100.00%	\$900.00	\$900.00	\$0.00
Photocopies Color (11 x 17)	\$ 1,250.00	100.00%	\$1,250.00	\$1,250.00	\$0.00
Color Graphics on Foam Board	\$ 1,250.00	100.00%	\$1,250.00	\$1,250.00	\$0.00
Public Outreach Liaison	\$ 10,500.00	100.00%	\$10,500.00	\$10,500.00	\$0.00
Accounting Support Services	\$ 7,500.00	100.00%	\$7,500.00	\$7,500.00	\$0.00
IT / Support Services	\$ 8,400.00	100.00%	\$8,400.00	\$8,400.00	\$0.00
Community Action Support / Special Projects	\$ 24,500.00	100.00%	\$24,500.00	\$24,500.00	\$0.00
Totals	\$ 460,000.00		\$ 460,000.00	\$ 460,000.00	\$ -

Amount Due This Invoice \$

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Westlaco, Texas 78596

Work Order No. 9, Including Supplemental WO #1 to WO #9
Systemwide Management & Project Management Tasks

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	SH 365 (Segments 1 - 4)					
2	Program Management (including Design Management)	\$3,630,298.00	85.84%	\$3,116,178.98	\$3,017,620.88	\$98,558.10
	Construction Management	\$1,535,255.00	0.00%	\$0.00	\$0.00	\$0.00
	Subtotal SH 365	\$5,165,553.00		\$3,116,178.98	\$3,017,620.88	\$98,558.10
1	IBTC (Segments 1 - 3)					
2	Program Management (including Design Management)	\$3,639,973.60	55.30%	\$2,012,786.40	\$1,958,556.51	\$54,229.89
	Construction Management	\$1,535,255.00	0.00%	\$0.00	\$0.00	\$0.00
	Subtotal IBTC	\$5,175,228.60		\$2,012,786.40	\$1,958,556.51	\$54,229.89
	TOTALS	\$10,340,781.60	49.60%	\$5,128,965.38	\$4,976,177.39	\$152,787.99

TOTAL DUE WORK ORDER NO. 9:

\$152,787.99

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 9, Including Supplemental WO #1 to WO #9
Systemwide Management & Project Management Tasks

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
SH 365 (Segments 1 - 4)					
1. Program Management (including Design Management)					
Dannenbaum Engineering Corporation					
Program Manager	\$ 375,325.00	57.82%	\$217,008.66	\$204,477.56	\$12,531.10
Deputy Project Manager	\$ 340,583.16	100.00%	\$340,583.16	\$326,521.80	\$14,061.36
QA/QC Officer	\$ 106,284.55	100.00%	\$106,284.55	\$105,220.35	\$1,064.20
Senior Engineer (V) - Civil (Review)	\$ 77,479.00	96.00%	\$74,380.42	\$74,380.42	\$0.00
Senior Engineer (V) - Bridge (Review)	\$ 77,479.00	96.00%	\$74,380.42	\$74,380.42	\$0.00
Senior Engineer (V) - Hydro (Review)	\$ 33,491.36	97.16%	\$32,541.43	\$32,541.43	\$0.00
Project Engineer IV - Project Coordination	\$ 705,995.00	88.29%	\$623,343.92	\$564,566.80	\$58,777.12
Senior Designer	\$ 178,482.39	100.00%	\$178,482.39	\$177,750.50	\$731.89
Civil Engineer III - Schedule / Project Controls	\$ 258,228.00	100.00%	\$258,228.00	\$256,608.69	\$1,619.31
Civil Engineer III - Utility Engineer	\$ 277,601.00	100.00%	\$277,601.00	\$276,766.00	\$835.00
Engineer I	\$ 86,890.96	100.00%	\$86,890.96	\$86,890.96	\$0.00
Administrative Assistant / Document Control	\$ 130,882.00	100.00%	\$130,882.00	\$130,040.99	\$841.01
Administrative Assistant	\$ 54,046.58	100.00%	\$54,046.58	\$53,843.46	\$203.12
Direct Expenses	\$ 362,410.00	34.11%	\$123,605.49	\$115,711.50	\$7,893.99
Public Outreach Liaison	\$ 115,000.00	100.00%	\$115,000.00	\$115,000.00	\$0.00
Management Support Services (OW Corridor / Toll Coordination / Utility Coordination)	\$ 92,040.00	100.00%	\$92,040.00	\$92,040.00	\$0.00
Aranda & Associates, Inc.	\$ 275,880.00	95.58%	\$263,680.00	\$263,680.00	\$0.00
Blanton & Associates, Inc.	\$ 67,200.00	100.00%	\$67,200.00	\$67,200.00	\$0.00
Unitech Consulting Engineers, Inc.	\$ 15,000.00	0.00%	\$0.00	\$0.00	\$0.00
Subtotal - Program Management (including Design Management)	\$ 3,630,298.00		\$3,116,178.98	\$ 3,017,620.88	\$ 98,558.10
2. Construction Management					
Senior Construction Manager	\$ 587,465.00	0.00%	\$0.00	\$0.00	\$0.00
Construction Engineer (Civil)	\$ 454,312.00	0.00%	\$0.00	\$0.00	\$0.00
Construction Field Engineer - Scheduler / Project Controls	\$ 336,820.00	0.00%	\$0.00	\$0.00	\$0.00
Construction Field Engineer - Assistant Construction Engineer	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Administrative Assistant / Document Control	\$ 156,658.00	0.00%	\$0.00	\$0.00	\$0.00
Subtotal - Construction Management	\$ 1,535,255.00		\$ -	\$ -	\$ -
Subtotal SH 365 (Segments 1 - 4)	\$ 5,165,553.00		\$ 3,116,178.98	\$ 3,017,620.88	\$ 98,558.10

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

Work Order No. 9, Including Supplemental WO #1 to WO #9
Systemwide Management & Project Management Tasks

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

DESCRIPTION OF WORK TASK	COST PER TASK	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
IBTC (Segments 1 - 3)					
1. Program Management (including Design Management) Dannenbaum Engineering Corporation					
Program Manager	\$ 413,300.00	22.93%	\$94,754.51	\$94,754.51	\$0.00
Deputy Project Manager	\$ 310,583.00	62.32%	\$193,545.21	\$188,308.11	\$5,237.10
QA/QC Officer	\$ 75,676.00	97.08%	\$73,463.35	\$69,660.98	\$3,802.37
Senior Engineer (V) - Civil (Review)	\$ 73,958.00	82.50%	\$61,015.18	\$61,015.18	\$0.00
Senior Engineer (V) - Bridge (Review)	\$ 73,958.00	81.90%	\$60,574.96	\$60,574.96	\$0.00
Senior Engineer (V) - Hydro (Review)	\$ 74,145.00	98.37%	\$72,936.48	\$72,760.39	\$176.09
Project Engineer IV - Project Coordination	\$ 705,995.00	27.22%	\$192,193.06	\$164,674.20	\$27,518.86
Senior Designer	\$ 142,033.00	96.55%	\$137,135.00	\$137,135.00	\$0.00
Civil Engineer III - Schedule / Project Controls	\$ 235,774.00	52.70%	\$124,243.94	\$121,685.65	\$2,558.29
Civil Engineer III - Utility Engineer	\$ 168,409.00	95.54%	\$160,889.95	\$160,889.95	\$0.00
Engineer I	\$ 167,098.00	54.56%	\$91,172.53	\$91,172.53	\$0.00
Administrative Assistant / Document Control	\$ 114,882.00	74.99%	\$86,146.46	\$77,606.23	\$8,540.23
Administrative Assistant	\$ 38,254.00	74.05%	\$28,325.88	\$28,325.88	\$0.00
Direct Expenses	\$ 433,348.60	25.43%	\$110,189.89	\$103,792.94	\$6,396.95
Public Outreach Liaison	\$ 115,000.00	100.00%	\$115,000.00	\$115,000.00	\$0.00
Management Support Services (OW Corridor / Toll Coordination / Utility Coordination)	\$ 87,360.00	100.00%	\$87,360.00	\$87,360.00	\$0.00
Aranda & Associates, Inc.	\$ 224,000.00	76.71%	\$171,840.00	\$171,840.00	\$0.00
Blanton & Associates, Inc.	\$ 171,200.00	88.79%	\$152,000.00	\$152,000.00	\$0.00
Unitech Consulting Engineers, Inc.	\$ 15,000.00	0.00%	\$0.00	\$0.00	\$0.00
Subtotal - Program Management (including Design Management)	\$ 3,639,973.60		\$ 2,012,786.40	\$ 1,958,556.51	\$ 54,229.89
2. Construction Management					
Senior Construction Manager	\$ 587,465.00	0.00%	\$0.00	\$0.00	\$0.00
Construction Engineer (Civil)	\$ 454,312.00	0.00%	\$0.00	\$0.00	\$0.00
Construction Field Engineer - Scheduler / Project Controls	\$ 336,820.00	0.00%	\$0.00	\$0.00	\$0.00
Construction Field Engineer - Assistant Construction Engineer	\$ -	0.00%	\$0.00	\$0.00	\$0.00
Administrative Assistant / Document Control	\$ 156,658.00	0.00%	\$0.00	\$0.00	\$0.00
Subtotal - Construction Management	\$ 1,535,255.00		\$ -	\$ -	\$ -
Subtotal IBTC (Segments 1 - 3)	\$ 5,175,228.60		\$ 2,012,786.40	\$ 1,958,556.51	\$ 54,229.89
Totals	\$ 10,340,781.60		\$ 5,128,965.38	\$ 4,976,177.39	\$ 152,787.99

Amount Due This Invoice

\$

152,787.99

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 10:
IBTC ROW Strip Map Development - Aranda & Associates, Inc.

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	IBTC ROW Strip Map Development A. Design, create and define ROW acquisition parcels within proposed ROW route 1. Update Boundary Base-Survey in area of new location 2. Update the research and abstract of parent tract vesting deeds & ownership 3. Research & abstract for easement, ROW & severances within parent tract vesting deeds 4. Coordinate with ROW design engineer - design of proposed ROW route 5. Coordination with others to correlate IBTC ROW with FM493 ROW 6. Field work to survey, measure and gather data as needed B. Create & prepare full set of ROW plans including Title Sheet, Parcel Index and Plan Sheets	\$156,883.38 \$22,300.00 \$10,494.00 \$10,494.00 \$8,402.88 \$8,402.88 \$19,676.00 \$49,331.71	100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	\$156,883.38 \$22,300.00 \$10,494.00 \$10,494.00 \$8,402.88 \$8,402.88 \$19,676.00 \$49,331.71	\$156,883.38 \$22,300.00 \$10,494.00 \$10,494.00 \$8,402.88 \$8,402.88 \$19,676.00 \$49,331.71	\$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00 \$0.00
TOTALS		\$285,984.85	100.00%	\$285,984.85	\$285,984.85	\$0.00

TOTAL DUE WORK ORDER NO. 10:

\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 11:
IBTC Update Topo Survey due to VE Changes

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	Aranda & Associates, Inc.					
	Ground Control Survey / Aerial Photogrammetric Survey for IBTC					
	A. Set and layout target panels	\$4,442.40	100.00%	\$4,442.40	\$4,442.40	\$0.00
	B. Survey each target point using RTK/VRS Fast Static GPS Observations	\$4,666.86	100.00%	\$4,666.86	\$4,666.86	\$0.00
	C. 3-wire leveling survey across each target	\$8,024.90	100.00%	\$8,024.90	\$8,024.90	\$0.00
D. Prepare & submit report to Photogrammetry Consultant of xyz values of each target	\$0.00	0.00%	\$0.00	\$0.00	\$0.00	
Direct Expense - Panel Materials	\$1,400.00	100.00%	\$1,400.00	\$1,400.00	\$0.00	
Subtotal - Aranda & Associates, Inc.		\$18,534.16		\$18,534.16	\$18,534.16	\$0.00
1	Aerial Data Service, Inc.					
	Ground Control Survey / Aerial Photogrammetric Survey for IBTC					
	Aerial Photogrammetric Survey	\$30,500.00	100.00%	\$30,500.00	\$30,500.00	\$0.00
	Subtotal - Aerial Data Service, Inc.	\$30,500.00		\$30,500.00	\$30,500.00	\$0.00
TOTALS		\$49,034.16	100.00%	\$49,034.16	\$49,034.16	\$0.00

TOTAL DUE WORK ORDER NO. 11:

\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Westlaco, Texas 78596

Work Order No. 12:
TRZ No. 2 / HCAD Tax Database Update - Aranda & Associates, Inc.

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	TRZ / HCAD Tax Database Updating a. Research and gather property information b. Map out properties and input information into HCAD's GIS Database c. Coordination with HCAD for the assignment of R-numbers and the updating of HCAD's records	\$85,701.00 \$0.00 \$94,352.72	100.00% 0.00% 100.00%	\$85,701.00 \$0.00 \$94,352.72	\$85,701.00 \$0.00 \$94,352.72	\$0.00 \$0.00 \$0.00
	TOTALS	\$180,053.72	100.00%	\$180,053.72	\$180,053.72	\$0.00

TOTAL DUE WORK ORDER NO. 12:

\$0.00 ✓

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 13:

IBTC Environmental Assessment (Regional Toll Analysis) - C&M Associates, Inc.

Invoice Number:
Invoice Period:

465201/51/XV
01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
	Regional Toll Analysis					
	Project Management / Mobilization	\$8,465.86	100.00%	\$8,465.86	\$8,465.86	\$0.00
	Transportation System Context	\$8,465.86	100.00%	\$8,465.86	\$8,465.86	\$0.00
	Environmental Justice	\$42,329.28	100.00%	\$42,329.28	\$42,329.28	\$0.00
	Documentation and Summary of Assessment and Mitigation	\$25,397.56	100.00%	\$25,397.56	\$25,397.56	\$0.00
	Direct Expenses	\$4,404.00	100.00%	\$4,404.00	\$4,404.00	\$0.00
	TOTALS	\$89,062.56	100.00%	\$89,062.56	\$89,062.56	\$0.00

TOTAL DUE WORK ORDER NO. 13:

\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 14:
Investment Grade Traffic & Revenue Study for SH 365 & IBTC - C&M Associates, Inc.

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
	Investment Grade Traffic and Revenue Study for SH 365 and IBTC					
	1. Project Management	\$13,511.15	100.00%	\$13,511.15	\$13,511.15	\$0.00
	2. Review Existing Information	\$14,665.94	100.00%	\$14,665.94	\$14,665.94	\$0.00
	3. Field Data Collection and Survey					
	1. Traffic Counts	\$7,867.36	100.00%	\$7,867.36	\$7,867.36	\$0.00
	2. OD Survey	\$7,973.92	100.00%	\$7,973.92	\$7,973.92	\$0.00
	3. Focus Group SP Survey	\$12,053.63	100.00%	\$12,053.63	\$12,053.63	\$0.00
	4. Spdd Monitoring / Streaming	\$6,730.56	100.00%	\$6,730.56	\$6,730.56	\$0.00
	4. Socioeconomic Analysis					
	1. Update socioeconomic forecast	\$20,568.84	100.00%	\$20,568.84	\$20,568.84	\$0.00
	2. International Trade	\$12,364.64	100.00%	\$12,364.64	\$12,364.64	\$0.00
	5. Travel Demand Modeling and Toll Diversion					
	1. Travel Demand Model	\$29,812.57	100.00%	\$29,812.57	\$29,812.57	\$0.00
	2. Toll Diversion Model	\$25,704.56	100.00%	\$25,704.56	\$25,704.56	\$0.00
	6. Opening Year Traffic					
	1. Opening Year Trip Tables	\$10,138.64	100.00%	\$10,138.64	\$10,138.64	\$0.00
	2. Traffic Estimates	\$11,435.70	100.00%	\$11,435.70	\$11,435.70	\$0.00
	7. Future Year Forecast					
	1. Future Years Trip Tables	\$10,138.64	100.00%	\$10,138.64	\$10,138.64	\$0.00
	2. Future Years Traffic Estimates	\$11,435.70	100.00%	\$11,435.70	\$11,435.70	\$0.00
	8. Sensitivity / Scenario Analysis	\$24,421.21	100.00%	\$24,421.21	\$24,421.21	\$0.00
	9. Traffic and Revenues Forecast	\$26,025.07	100.00%	\$26,025.07	\$26,025.07	\$0.00
	10. Documentation	\$26,025.07	100.00%	\$26,025.07	\$26,025.07	\$0.00
	Direct Expenses - Travel	\$4,482.00	100.00%	\$4,482.00	\$4,482.00	\$0.00
	Traffic Count	\$25,000.00	100.00%	\$25,000.00	\$25,000.00	\$0.00
	OD Survey (Aisage, US)	\$40,000.00	100.00%	\$40,000.00	\$40,000.00	\$0.00
	OD Survey (CYMA, Mexico)	\$16,000.00	100.00%	\$16,000.00	\$16,000.00	\$0.00
	Socioeconomic Study (TXP)	\$35,000.00	100.00%	\$35,000.00	\$35,000.00	\$0.00
	Phone Interviews	\$8,000.00	100.00%	\$8,000.00	\$8,000.00	\$0.00
	TOTALS	\$399,355.20	100.00%	\$399,355.20	\$399,355.20	\$0.00

TOTAL DUE WORK ORDER NO. 14:

\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 15:
TIGER IV Grant Application for SH 365 - HDR Engineering, Inc.

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	TIGER IV Grant Application for SH 365					
2	Project Management	\$9,837.76	100.00%	\$9,837.76	\$9,837.76	\$0.00
3	Project Kick-off Conference Call	\$3,587.88	100.00%	\$3,587.88	\$3,587.88	\$0.00
4	Support for Decision-Making Process	\$3,587.84	100.00%	\$3,587.84	\$3,587.84	\$0.00
5	Review Available Data for Selected Project	\$5,485.96	100.00%	\$5,485.96	\$5,485.96	\$0.00
6	Develop Economic Model	\$9,583.08	100.00%	\$9,583.08	\$9,583.08	\$0.00
7	Produce and Validate BCA Results	\$5,347.08	100.00%	\$5,347.08	\$5,347.08	\$0.00
8	Summary of Project Risks and Mitigation Strategies	\$5,231.36	100.00%	\$5,231.36	\$5,231.36	\$0.00
9	Develop Supplementary Documentation	\$10,092.32	100.00%	\$10,092.32	\$10,092.32	\$0.00
	Prepare & Review Full TIGER IV Application	\$24,559.44	100.00%	\$24,559.44	\$24,559.44	\$0.00
	Direct Expenses	\$2,943.75	100.00%	\$2,943.75	\$2,943.75	\$0.00
	TOTALS	\$80,256.47	100.00%	\$80,256.47	\$80,256.47	\$0.00

TOTAL DUE WORK ORDER NO. 15:

\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 16:
Hydrologic & Hydraulic Study - Civil Systems Engineering, Inc.

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	Hydrologic & Hydraulic Study for IBTC & SH 365					
2	Coordination and Meetings	\$12,612.60	80.00%	\$10,090.08	\$10,090.08	\$0.00
3	Data Collection and Assimilation	\$7,244.16	100.00%	\$7,244.16	\$7,244.16	\$0.00
4	Sites Visits / Field Reconnaissance	\$8,408.40	100.00%	\$8,408.40	\$8,408.40	\$0.00
5	LiDAR Data Processing	\$15,307.60	100.00%	\$15,307.60	\$15,307.60	\$0.00
6	Outfall Systems Subbasin Delineations	\$24,255.00	100.00%	\$24,255.00	\$24,255.00	\$0.00
7	Estimation of Subbasin Hydrologic Parameters & Runoff Computations	\$12,504.80	100.00%	\$12,504.80	\$12,504.80	\$0.00
8	Hydrologic & Hydraulic Impact & Mitigation Analysis (8 outfalls to E. Donna Drain Inlet)	\$16,859.92	70.00%	\$11,801.94	\$11,801.94	\$0.00
9	Hydrologic & Hydraulic Impact & Mitigation Analysis (7 outfalls to Mission Inlet)	\$17,506.72	70.00%	\$12,254.70	\$12,254.70	\$0.00
10	Hydrologic & Hydraulic Impact & Mitigation Analysis (15 outfalls to S. Floodwater Floodplain Storage Volume Impact and Mitigation)	\$31,973.48	70.00%	\$22,381.44	\$22,381.44	\$0.00
11	South Floodwater Channel Hydrologic & Hydraulic Modeling (open & closed gate) Conveyance Encroachment)	\$13,884.64	70.00%	\$9,719.25	\$9,719.25	\$0.00
12	Hydraulic Analysis of Equalizing Structures at Donna Lake	\$10,952.48	90.00%	\$9,857.23	\$9,857.23	\$0.00
13	H&H Report	\$10,370.36	70.00%	\$7,259.25	\$7,259.25	\$0.00
14	Direct Expenses	\$8,516.20	0.00%	\$0.00	\$0.00	\$0.00
		\$19,468.68	70.00%	\$13,628.08	\$13,628.08	\$0.00
		\$6,706.00	70.00%	\$3,994.20	\$3,994.20	\$0.00
	TOTALS	\$215,571.04	78.26%	\$168,706.13	\$168,706.13	\$0.00

TOTAL DUE WORK ORDER NO. 16: \$0.00 ✓

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 17:
Traffic Projections for Intersections along SH 365 & IBTC - C&M Associates

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	Traffic Projections for Intersections along SH 365 & IBTC					
2	Project Management	\$11,098.76	100.00%	\$11,098.76	\$11,098.76	\$0.00
	Traffic Projections for Signal Warrant along IBTC					
	1) IBTC at FM 2447 - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	2) IBTC at Cesar Chavez Rd. - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	3) IBTC at FM 907 - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	4) IBTC at S. Tower Rd. - T Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	5) IBTC at Border Rd. - Partial Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	6) IBTC at Unnamed Rd. (Stn. 583+00) - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	7) IBTC at FM 493 - T Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
3	Traffic Projections for Signal Warrant along SH 365					
	1) SH 365 at Trospen Rd. - T Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	2) SH 365 at FM 1016 - T Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	3) SH 365 at Anzalduas Connector - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	3a) SH 365 at Anzalduas Connector - Diamond Intersection (without Extension)	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	4) SH 365 at FM 494 - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	4a) SH 365 at FM 494 - Diamond Intersection (without Extension)	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	5) SH 365 at SP 115 - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	6) SH 365 at SH 336 - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	7) SH 365 at FM 2061 - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	8) SH 365 at FM 3072 - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	9) SH 365 at US 281 (Cage Blvd.) - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	10) SH 365 at Anaya Rd. - Diamond T Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	11) SH 365 at Highline Rd. - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
	12) SH 365 at US 281 (Military Hwy.) - Diamond Intersection	\$3,672.26	100.00%	\$3,672.26	\$3,672.26	\$0.00
4	Documentation	\$19,660.32	100.00%	\$19,660.32	\$19,660.32	\$0.00
	Direct Expenses	\$2,202.00	100.00%	\$2,202.00	\$2,202.00	\$0.00
	TOTALS	\$110,078.54	100.00%	\$110,078.54	\$110,078.54	\$0.00

TOTAL DUE WORK ORDER NO. 17:

\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 18:
IBTC SUE Services - RODS SUE

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	IBTC SUE Services - from the Interchange with SH 365 to I-2 and from the Valley View Interchange to FM 493 Quality Level D	\$10,510.00	100.00%	\$10,510.00	\$10,510.00	\$0.00
2	Verify previously completed record research, both in field and in office Request additional as-built information, including TxDOT utility permits and new construction	\$6,735.00	100.00%	\$6,735.00	\$6,735.00	\$0.00
3	Contact and provide utility owners with the project "footprint" and request location markup information of their utility	\$4,455.00	100.00%	\$4,455.00	\$4,455.00	\$0.00
4	Designation and survey of existing utilities, excluding storm	\$114,705.00	100.00%	\$114,705.00	\$114,705.00	\$0.00
5	Correlate records with designation data and previously surveyed appurtenances to update utility mapping	\$33,510.00	100.00%	\$33,510.00	\$33,510.00	\$0.00
6	QA/QC	\$9,330.00	100.00%	\$9,330.00	\$9,330.00	\$0.00
	Direct Expenses	\$1,635.20	100.00%	\$1,635.20	\$1,635.20	\$0.00
	Mileage	\$900.00	100.00%	\$900.00	\$900.00	\$0.00
	Airfare					
	Quality Level A (1)	\$48,600.00	100.00%	\$48,600.00	\$48,600.00	\$0.00
	Depth = 0.00 Feet to 4.99 Feet	\$68,200.00	100.00%	\$68,200.00	\$68,200.00	\$0.00
	Depth = 5.00 Feet to 9.99 Feet	\$31,875.00	100.00%	\$31,875.00	\$31,875.00	\$0.00
	Depth = 10.00 Feet to 14.99 Feet	\$14,100.00	100.00%	\$14,100.00	\$14,100.00	\$0.00
	Depth = 15.00 Feet to 19.99 Feet	\$5,400.00	100.00%	\$5,400.00	\$5,400.00	\$0.00
	Mobilization / Demobilization	\$5,400.00	100.00%	\$5,400.00	\$5,400.00	\$0.00
	Per Diem (Including Meals and Lodging)	\$5,400.00	100.00%	\$5,400.00	\$5,400.00	\$0.00
	TOTALS	\$355,355.20	100.00%	\$355,355.20	\$355,355.20	\$0.00

TOTAL DUE WORK ORDER NO. 18:

\$0.00

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 19:
Scenario Analysis on SH 365 Traffic and Revenue - C&M Associates

Invoice Number: 465201/51/XV
Invoice Period: 01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	Provide oversight and review of services related to traffic modeling / project / assignments required for the projects. May include attending meetings (24), coordination, review and oversight with the preparation of travel demand models, traffic simulation models, macroscopic models, mesoscopic and microscopic models, traffic volume projections and assignments.	\$651.64	100.00%	\$651.64	\$651.64	\$0.00
2	Project Management Scenario Analysis 2.1 Scenario 1: At-grade intersection at US 281 / San Juan Rd (no overpass, assume signalized intersection) 2.2 Scenario 2: at-grade intersection at FM 494 / Shary Rd (no overpass, assume signalized intersection) with no mainlanes from FM 494 / Shary Rd to GSA Connector 2.3 Scenario 3: Scenarios 1 & 2 concurrently	\$5,432.04	100.00%	\$5,432.04	\$5,432.04	\$0.00
3	Documentation	\$4,822.68	100.00%	\$4,822.68	\$4,822.68	\$0.00
TOTALS		\$21,770.44	100.00%	\$21,770.44	\$21,770.44	\$0.00

TOTAL DUE WORK ORDER NO. 19:

\$0.00 ✓

**MONTHLY PROGRESS PAYMENT INVOICE - DANNENBAUM ENGINEERING CORPORATION
FOR CONSULTING ENGINEER'S SERVICES**

February 9, 2016

Pilar Rodriguez, P.E. - Executive Director
Hidalgo County Regional Mobility Authority
510 South Pleasantview Drive
Weslaco, Texas 78596

Work Order No. 20:

SH 365 & IBTC Investment Grade Traffic & Revenue Study Update - C&M Associates

Invoice Number:

465201/51/XV

Invoice Period:

01/01/2016 - 01/31/2016

TASK CODE	DESCRIPTION OF WORK TASK	TOTAL COST	PERCENT COMPLETE TO DATE	AMOUNT EARNED TO DATE	PREVIOUSLY BILLED	CURRENT BILLING
1	Project Management	\$6,346.15	0.00%	\$0.00	\$0.00	\$0.00
2	Updating the Current Model					
	2.1 Review of Existing Information	\$12,461.54	0.00%	\$0.00	\$0.00	\$0.00
	2.2 Field Observations / Data Collection	\$12,750.00	0.00%	\$0.00	\$0.00	\$0.00
	2.3 Socioeconomic Analysis	\$18,057.69	0.00%	\$0.00	\$0.00	\$0.00
	2.4 Travel Demand Modeling	\$25,500.00	0.00%	\$0.00	\$0.00	\$0.00
3	Adopting the New Valley Model					
	3.1 Network Review	\$7,096.15	0.00%	\$0.00	\$0.00	\$0.00
	3.2 Socioeconomic and Border Crossing Review	\$12,750.00	0.00%	\$0.00	\$0.00	\$0.00
	3.3 Traffic Assignment Results Consistency	\$12,750.00	0.00%	\$0.00	\$0.00	\$0.00
4	Traffic and Revenue Projection	\$34,788.46	0.00%	\$0.00	\$0.00	\$0.00
5	Sensitivity Analysis	\$19,153.85	0.00%	\$0.00	\$0.00	\$0.00
6	Risk Analysis	\$19,153.85	0.00%	\$0.00	\$0.00	\$0.00
7	Documentation	\$32,019.23	0.00%	\$0.00	\$0.00	\$0.00
8	Peer Review and Financial Support	\$22,442.31	0.00%	\$0.00	\$0.00	\$0.00
	Direct Expenses					
	Parking	\$280.00	0.00%	\$0.00	\$0.00	\$0.00
	Airfare	\$5,000.00	0.00%	\$0.00	\$0.00	\$0.00
	Meals	\$1,200.00	0.00%	\$0.00	\$0.00	\$0.00
	Lodging	\$2,000.00	0.00%	\$0.00	\$0.00	\$0.00
	Car Rental	\$900.00	0.00%	\$0.00	\$0.00	\$0.00
	Data Collection	\$55,000.00	12.55%	\$6,900.00	\$0.00	\$6,900.00
	TOTALS	\$299,649.23	2.30%	\$6,900.00	\$0.00	\$6,900.00

TOTAL DUE WORK ORDER NO. 20:

\$6,900.00

ATTACHMENT H-3
Subprovider Monitoring System for Federally Funded Contracts
Progress Assessment Report for month of (Mo./Yr.) January / 2016

Contract #: HCRMA Program Mgmt Consultant Project Original Contract Amount: \$ 5,000,000.00
 Date of Execution: _____ Approved Supplemental Agreements: \$ 12,905,101.44
 Prime Provider: Dannenbaum Engineering Corporation Total Contract Amount: \$ 17,905,101.44
 Work Authorization No. 4 Work Authorization Amount: \$ 694,355.85
If no subproviders are used on this contract, please indicate by placing "N/A" on the 1st line under Subproviders.

DBE	All Subproviders	Category of Work	Total Subprovider Amount	% Total Contract Amount	Amount Paid This Period	Amount Paid To Date	Subcontract Balance Remaining
	HDR Engineering, Inc.	Program Mgmt	\$ 14,300.17	2.06%	\$ 0.00	\$ 14,300.17	\$ 0.00
*	Blanton & Associates, Inc.	Program Mgmt	\$ 12,024.80	1.73%	\$ 0.00	\$ 12,024.80	\$ 0.00
*	Aranda & Associates, Inc.	Program Mgmt	\$ 31,765.36	4.57%	\$ 0.00	\$ 31,765.36	\$ 0.00
*	Barrera Torres Infrastructure, PLLC	Program Mgmt	\$ 40,256.28	5.80%	\$ 0.00	\$ 40,256.28	\$ 0.00
*	Unitech Consulting Engineers	Program Mgmt	\$ 0.00	0.00%	\$ 0.00	\$ 0.00	\$ 0.00

Fill out Progress Assessment Report with each estimate/invoice submitted, for all subcontracts, and forward as follows:
1 Copy with Invoice – Hidalgo County Regional Mobility Authority Office

I hereby certify that the above is a true and correct statement of the amounts paid to the firms listed above.

Louis H. Jones, Jr., P.E.  Signature _____ Phone 713-520-9570 Date February 4, 2016
 Print Name - Company Official /DBE Liaison Officer _____ Fax 713-527-6442
 shari.bricarell@dannenbaum.com Email _____

ATTACHMENT H-3
Subprovider Monitoring System for Federally Funded Contracts
Progress Assessment Report for month of (Mo./Yr.) January / 2016

Contract #: HCRMA Program Mgmt Consultant Project Original Contract Amount: \$ 5,000,000.00
 Date of Execution: October 27, 2011 Approved Supplemental Agreements: \$ 12,905,101.44
 Prime Provider: Dannenbaum Engineering Corporation Total Contract Amount: \$ 17,905,101.44
 Work Authorization No. 1 Work Authorization Amount: \$ 909,960.63
If no subproviders are used on this contract, please indicate by placing "N/A" on the 1st line under Subproviders.

DBE	All Subproviders	Category of Work	Total Subprovider Amount	% Total Contract Amount	Amount Paid This Period	Amount Paid To Date	Subcontract Balance Remaining
	HDR Engineering, Inc.	Program Mgmt	\$ 57,705.85	6.34%	\$ 0.00	\$ 57,705.85	\$ 0.00
*	Blanton & Associates, Inc.	Program Mgmt	\$ 20,928.44	2.30%	\$ 0.00	\$ 20,928.44	\$ 0.00
*	Guzman Munoz Engineering and Surveying, Inc.	Program Mgmt	\$ 20,848.54	2.29%	\$ 0.00	\$ 20,848.54	\$ 0.00
*	Barrera Torres Infrastructure, PLLC	Program Mgmt	\$ 0.00	0%	\$ 0.00	\$ 0.00	\$ 0.00
*	Aranda & Associates, Inc.	Program Mgmt	\$ 44,620.72	4.90%	\$ 0.00	\$ 44,620.72	\$ 0.00

Fill out Progress Assessment Report with each estimate/invoice submitted, for all subcontracts, and forward as follows:
1 Copy with Invoice – Hidalgo County Regional Mobility Authority Office

I hereby certify that the above is a true and correct statement of the amounts paid to the firms listed above.

Louis H. Jones, Jr., P.E.  Signature _____ Date February 4, 2016
 Print Name - Company Official /DBE Liaison Officer _____ Phone 713-520-9570
 shari.bricarell@dannenbaum.com _____ 713-527-6442
 Email _____ Fax _____

ATTACHMENT H-3
Subprovider Monitoring System for Federally Funded Contracts
Progress Assessment Report for month of (Mo./Yr.) January / 2016

Contract #: HCRMA Program Mgmt Consultant Project Original Contract Amount: \$ 5,000,000.00
 Date of Execution: _____ Approved Supplemental Agreements: \$ 12,905,101.44
 Prime Provider: Dannenbaum Engineering Corporation Total Contract Amount: \$ 17,905,101.44
 Work Authorization No. 6 Work Authorization Amount: \$ 2,886,494.22
If no subproviders are used on this contract, please indicate by placing "N/A" on the 1st line under Subproviders.

DBE	All Subproviders	Category of Work	Total Subprovider Amount	% Total Contract Amount	Amount Paid This Period	Amount Paid To Date	Subcontract Balance Remaining
*	Blanton & Associates, Inc.	Program Mgmt	\$ 130,531.88	4.52%	\$ 0.00	\$ 44,454.74	\$ 86,077.14
*	Aranda & Associates, Inc.	Program Mgmt	\$ 397,469.80	13.77%	\$ 0.00	\$ 400,510.64	\$ (3,040.84)
*	Barrera Torres Infrastructure, PLLC	Program Mgmt	\$ 22,933.66	0.79%	\$ 0.00	\$ 0.00	\$ 22,933.66
*	C&M Associates, Inc.	Program Mgmt	\$ 70,000.00	2.43%	\$ 0.00	\$ 70,000.00	\$ 0.00
*	Aerial Data Service	Program Mgmt	\$ 63,885.56	2.21%	\$ 0.00	\$ 63,885.56	\$ 0.00
	HDR Engineering, Inc.	Program Mgmt	\$ 218,116.66	7.56%	\$ 0.00	\$ 124,109.75	\$ 94,006.91
	RODS Subsurface Utility Engineering Inc.	SUE Services	\$ 172,440.00	5.97%	\$ 0.00	\$ 172,440.00	\$ 0.00

Fill out Progress Assessment Report with each estimate/invoice submitted, for all subcontracts, and forward as follows:
1 Copy with Invoice – Hidalgo County Regional Mobility Authority Office

I hereby certify that the above is a true and correct statement of the amounts paid to the firms listed above.

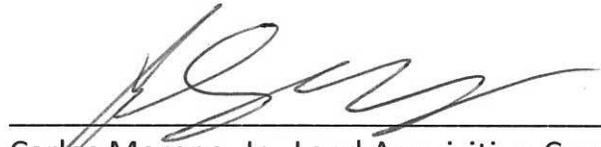
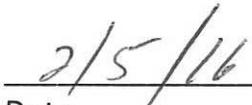
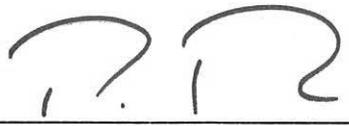
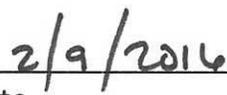
Louis H. Jones, Jr., P.E.  Signature _____ Phone 713-520-9570 Date February 4, 2016
 Print Name - Company Official/DBE Liaison Officer
 shari.bricarell@dannenbaum.com Email _____ Fax 713-527-6442



REQUEST FOR RECOMMENDATION ON PAYMENT

To: Carlos "CJ" Moreno, Land Acquisition Coordinator

Month and Year	January 2016	
Contractor	Bracewell & Giuliani, LLP	
Project/WA		
Invoice #	21640526	Date: 02/05/2016
Amount	\$ 38,433.65	
Date Sent	02/05/2016	

Date Received		
Received by		
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
		
Carlos Moreno, Jr., Land Acquisition Coordinator		Date
Recommendation:	<input checked="" type="checkbox"/> P.R. Approval	<input type="checkbox"/> Disapproval
Comments:		
		
Pilar Rodriguez, Executive Director		Date

Bracewell LLP
ATTORNEYS AT LAW

P. O. Box 848566
Dallas, TX 75284-8566
713 223-2300
TAX ID 74-1024827

Remittance Page

February 5, 2016
035858
INVOICE NO: 21640526
04996

Client: Hidalgo County Regional Mobility Authority HCRMA
Matter: General Counsel - Projects
Matter No: 035858.000005

Please Remit Total Balance Due

\$ 38,433.65

Please Return this Remittance Page with Your Payment

WIRE TRANSFER INFORMATION

Wire to: Bank of America, 901 Main Street, Dallas, Texas
Name on Account: Bracewell & Giuliani LLP
Bank Account No: 001390004197
ABA Number (For **Wire Transfers Only**): 026009593; (For **ACH'S Only**): 111000025
For International Wires Also Include:
Swift Code (U.S. Funds): **BOFAUS3N**; Swift Code (Foreign Funds): **BOFAUS6S**
Please include the invoice number as a reference when sending the wire.

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
PAYMENT SUMMARY

Sendero
Acquisition Services
State Highway 365

Billing Date	Billing Amount	Invoices			Total Paid to Date			
		7/31/2015	8/31/2015	9/30/2015				
	\$53,120.00	\$30,310.00	\$100,670.00	\$62,340.00	\$52,250.00	\$36,260.00	\$26,170.00	\$361,120.00
							<u>\$26,170.00</u>	
								Amount Approved for Payment



Approved for Payment
Pilar Rodriguez
Executive Director

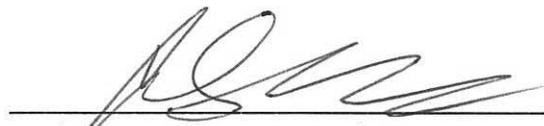
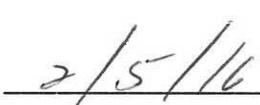
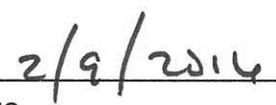
2/9/2016
Date



REQUEST FOR RECOMMENDATION ON PAYMENT

To: Carlos "CJ" Moreno, Land Acquisition Coordinator

Month and Year	January 2016	
Contractor	Sendero	
Project/WA	SH365	
Invoice #	1312016SH365	Date: 01/31/2016
Amount	\$ 26,170.00	
Date Sent	02/05/2016	

Date Received		
Received by		
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
		
Carlos Moreno, Jr., Land Acquisition Coordinator		Date
Recommendation:	<input checked="" type="checkbox"/> P.R. Approval	<input type="checkbox"/> Disapproval
Comments:		
		
Pilar Rodriguez, Executive Director		Date



P. O. Box 5848
Abilene, TX 79608

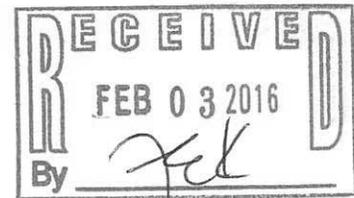
325.672.5540 Office
325.672.5549 Fax

INVOICE

Date	Invoice #
1/31/16	1312016SH365

Bill To:
HCRMA
Hidalgo County Regional Mobility Authority
118 S. Cage Blvd. 4th floor
Pharr, TX 78577

Item	Quantity	Description	Terms	Project
			Net 30	SH 365
			Rate	Amount
Sendero Acquisitions - SH 365		Negotiation Service - Intro Letter	\$ 350.00	\$ -
Sendero Acquisitions - SH 365		Title Service - Securing/Updating Title Commitment	\$ 120.00	\$ -
Sendero Acquisitions - SH 365: Parcels 22, 24, 27, 34	4	Negotiation Service - Offer Letter	\$ 1,150.00	\$ 4,600.00
Sendero Acquisitions - SH 365: Parcels 24, 35	2	Negotiation Service - upon submission of acceptable payment package or issuance of final offer letter	\$ 2,250.00	\$ 4,500.00
Sendero Acquisitions - SH 365: Parcels 24, 35	2	Title and Closing Service - upon submission of payment packet or issuance of final offer letter	\$ 480.00	\$ 960.00
Sendero Acquisitions - SH 365: Parcel 25	1	Title/Closing Service - Upon attending Closing	\$ 240.00	\$ 240.00
Sendero Acquisitions - SH 365: Parcel 25	1	Negotiation Service - completed closing of parcel	\$ 1,250.00	\$ 1,250.00
Sendero Acquisitions - SH 365: Parcels 10, 16P1, 16P2, 16P3, 16P4, 16P5, 25	7	Title/Closing Service - issue Title Policy	\$ 360.00	\$ 2,520.00
Sendero Acquisitions - SH 365: Parcels 7-R02, 20-R01, 32-R01, 33-R01, 34-R01	5	Personel Property - 90 day letter	\$ 900.00	\$ 4,500.00
Sendero Acquisitions - SH 365: Parcels 20-R01, 22C-R01	2	OAS Relocation - 90 day letter	\$ 1,350.00	\$ 2,700.00
Sendero Acquisitions - SH 365: Parcels 8-R01, 35-R01	2	Business Relocation - 90 day letter	\$ 2,450.00	\$ 4,900.00
Sendero Acquisitions - SH 365:		Residential Relocation - 90 day letter	\$ 2,600.00	\$ -
Halff Associates - SH 365		Negotiation Service - Intro Letter	\$ 350.00	\$ -
Halff Associates - SH 365		Negotiation Service - Offer Letter	\$ 1,150.00	\$ -
Halff Associates - SH 365		Title Service - Securing/Updating Title Commitment	\$ 120.00	\$ -
			TOTAL	\$ 26,170.00



Handwritten notes: "Pay" with an arrow pointing to the total amount, "2/19/2016", and a signature.

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
PAYMENT SUMMARY

Sendero
Acquisition Services
International Bridge Trade Corridor

Billing Date	Invoices												Total Paid to Date
	6/30/2014	7/31/2014	8/31/2014	9/30/2014	10/31/2014	11/30/2014	12/31/2014	1/31/2015	2/28/2015	3/31/2015	4/30/2015	5/31/2015	
Billing Amount	\$6,650.00	\$24,700.00	\$29,700.00	\$68,940.00	\$168,240.00	\$113,220.00	\$64,375.00	\$84,090.00	\$148,995.00	\$141,743.50	\$50,810.00	\$44,635.00	\$946,098.50

Billing Date	Invoices		Total Paid to Date
	6/30/2015	1/31/2016	
Billing Amount	\$26,650.00	\$9,180.00	\$1,031,363.50

Amount Approved for Payment



Approved for Payment
Pilar Rodriguez
Executive Director

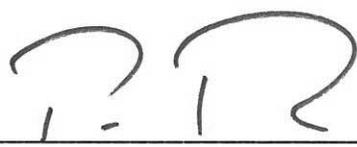
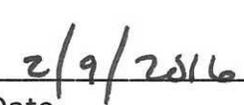
2/9/2016
Date



REQUEST FOR RECOMMENDATION ON PAYMENT

To: Carlos "CJ" Moreno, Land Acquisition Coordinator

Month and Year	January 2016	
Contractor	Sendero	
Project/WA	IBTC	
Invoice #	1312016IBTC	Date: 01/31/2016
Amount	\$ 9,180.00	
Date Sent	02/05/2016	

Date Received		
Received by		
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
		
Carlos Moreno, Jr., Land Acquisition Coordinator		Date
Recommendation:	<input checked="" type="checkbox"/> P.R. Approval	<input type="checkbox"/> Disapproval
Comments:		
		
Pilar Rodriguez, Executive Director		Date



P. O. Box 5848
 Abilene, TX 79608
 325.672.5540 Office
 325.672.5549 Fax

Bill To:
 HCRMA
 Hidalgo County Regional Mobility Authority
 118 S. Cage Blvd. 4th floor
 Pharr, TX 78577

Date	Invoice #
1/31/16	1312016IBTC

Item	Quantity	Description	Terms	Project	
			Net 30	IBTC	
			Rate	Amount	
Halff Associates - IBTC: Parcel 267A	1	Title Service - Securing/Updating Title Commitment	\$ 120.00	\$	120.00
Halff Associates - IBTC: Parcels 241, 267A	2	Negotiation Service - upon presentation of final offer	\$ 2,250.00	\$	4,500.00
Halff Associates - IBTC: Parcels 241, 267A	2	Title and Closing Service - upon submission of payment packet or issuance of final offer letter	\$ 480.00	\$	960.00
Halff Associates - IBTC		Title and Closing Service - Issue title policy	\$ 360.00	\$	-
Halff Associates - IBTC		Title and Closing Service - Upon attending Closing	\$ 240.00	\$	-
Halff Associates - IBTC		Negotiation Service - completed closing of parcel	\$ 1,250.00	\$	-
Halff Associates - IBTC: Parcel 99X-R01	1	Personal Property - Submitting Master File	\$ 1,100.00	\$	1,100.00
Halff Associates - IBTC: Parcel 290-R01	1	Residential Relocation - completed/master file	\$ 1,625.00	\$	1,625.00
Relocation Manager - John Reed	7	Relocation Manager - John Reed	\$ 125.00	\$	875.00
			TOTAL		9,180.00

Pay ↑ ef
 P. I. R.
 2/9/2016

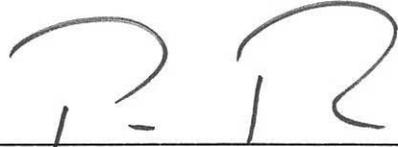
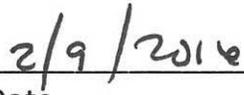
RECEIVED
 FEB 03 2016
 By JKK



REQUEST FOR RECOMMENDATION ON PAYMENT

To: Carlos "CJ" Moreno, Land Acquisition Coordinator

Month and Year	2015	
Contractor	Norma Yanez City of Donna	
Project/WA	IBTC	
Invoice #	R1377-01-000-0102-00	Date: 12/16/2015
Amount	\$ 1,150.08	
Date Sent	02/05/2016	

Date Received		
Received by		
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
 <hr/> Carlos Moreno, Jr., Land Acquisition Coordinator		 <hr/> Date
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
 <hr/> Pilar Rodriguez, Executive Director		 <hr/> Date

SUPPLEMENTAL TAX STATEMENT



NORMA YANEZ
CITY OF DONNA
307 S 12TH ST
DONNA, TX 78537
(956) 464-3314

Certified Owner:
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
PO BOX 1766
PHARR, TX 78577

Legal Description:
RED RIVER PH 1 LOT 102

Legal Acres: 0
Parcel Address: 525 RED RIVER DR

Account No: R1377-01-000-0102-00

As of Date: 12/16/2015 Print Date: 12/16/2015

Market Value		Market Value	Assessed Value	Capped Value	Homesite Value	Agricultural Market Value	Non-Qualifying Value
Land	Improvement						
\$18,360	\$91,002	\$109,362	\$109,362	\$0	\$0	\$0	\$109,362

Taxing Unit	Delinq. Date	Assessed Value (100%)	Exemptions		Taxable Value	Tax Rate	2015 Tax
			Code	Value			
CITY OF DONNA	02/01/16	\$109,362		\$0	\$109,362	0.982828	\$1,074.84

Exemptions :

Total due if paid in December 2015: \$1,074.84

AMOUNT DUE IF PAID BY THE END OF:

12/31/2015 0%	02/01/2016 0%	02/29/2016 7%	03/31/2016 9%	05/02/2016 11%	05/31/2016 13%
\$1,074.84	\$1,074.84	\$1,150.08	\$1,171.58	\$1,193.07	\$1,214.57

ADDRESS CORRECTION REQUESTED.
NAME CHANGE SG176-15

Handwritten notes:
P.R. \$1,150.08
Pay P.R. 2/9/2016

Print Date: 12/16/2015

PLEASE CUT AT THE DOTTED LINE AND RETURN THIS PORTION WITH YOUR PAYMENT.

version 6.1.28

Due by DEC 31: \$1,074.84

SEND SELF-ADDRESSED STAMPED ENVELOPE FOR RECEIPT. IF PAYING IN PERSON PLEASE BRING TAX STATEMENT.

PLEASE NOTE YOUR ACCOUNT NUMBER ON YOUR CHECK AND MAKE CHECKS PAYABLE TO:

NORMA YANEZ
CITY OF DONNA
307 S 12TH ST
DONNA, TX 78537



R1377-01-000-0102-00

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
PO BOX 1766
PHARR, TX 78577

AMOUNT PAID:
\$ _____

HLH Appraisal Services
 Review Appraisal Report Services
 State Highway 365

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
 2014 PAYMENT SUMMARY

Billing Date	Invoices						Total Paid to Date \$54,625.00		
	10/21/2014	1/5/2015	8/10/2015	9/1/2015	10/5/2015	11/6/2015		12/2/2015	2/3/2016
Billing Amount	\$1,900.00	\$6,175.00	\$16,150.00	\$5,700.00	\$11,875.00	\$8,075.00	\$3,325.00	\$1,425.00	\$1,425.00
									Amount Approved for Payment


 Approved for Payment
 Pilar Rodriguez
 Executive Director

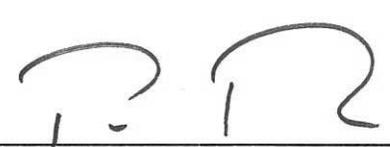
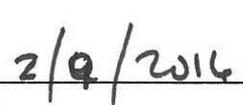
2/9/2016
 Date



REQUEST FOR RECOMMENDATION ON PAYMENT

To: Carlos "CJ" Moreno, Land Acquisition Coordinator

Month and Year	January 2016	
Contractor	HLH Appraisal Services	
Project/WA	SH365	
Invoice #	17 & 18	Date: 02/03/2016
Amount	\$ 1,425.00	
Date Sent	02/05/2016	

Date Received		
Received by		
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
		
Carlos Moreno, Jr., Land Acquisition Coordinator		Date
Recommendation:	<input checked="" type="checkbox"/> P.R. Approval	<input type="checkbox"/> Disapproval
Comments:		
		
Pilar Rodriguez, Executive Director		Date

HLH APPRAISAL SERVICES
Specializing in Appraisal Review of Road and Drainage Projects

HCRMA- INVOICE NO. 17

PROPOSED REGIONAL LOOP PROJECT
RCSJ 3627-01-001
HCRMA - SH 365-SEGMENT 1

FEBURARU 3, 2016

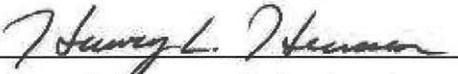
ITEMIZED BILLING STATEMENT FOR APPRAISAL REVIEW WORK PERFORMED ON THE PARCELS LISTED BELOW ON THE ABOVE PROJECT, HIDALGO COUNTY, TEXAS. THE BILLING IS IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY PROFESSIONAL REVIEW APPRAISAL SERVICES CONTRACT EXECUTED BY THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY ON APRIL 1, 2014 (the "AUTHORITY") AND HLH APPRAISAL SERVICES, "CONSULTANT."

Parcel No. 46, Parts 1, 2 & 3

475.00

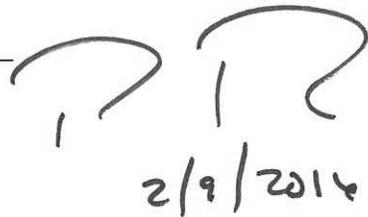
Pay ↑

Total Due 1 Review @ 475/Review Totals \$475.00



Harvey L. Heerssen – Review Appraiser
Tx. State Certified General Real Estate Appraiser
No. TX-1327190-G
6107 Aberton Forest Drive
Houston, TX. 77084

2-3-16
Date



2/9/2016

HLH APPRAISAL SERVICES
Specializing in Appraisal Review of Road and Drainage Projects

HCRMA- INVOICE NO. 18

PROPOSED REGIONAL LOOP PROJECT
RCSJ 3627-01-002
HCRMA - SH 365-SEGMENT 4

FEBRUARY 3, 2016

ITEMIZED BILLING STATEMENT FOR APPRAISAL REVIEW WORK PERFORMED ON THE PARCELS LISTED BELOW ON THE ABOVE PROJECT, HIDALGO COUNTY, TEXAS. THE BILLING IS IN ACCORDANCE WITH THE TERMS AND CONDITIONS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY PROFESSIONAL REVIEW APPRAISAL SERVICES CONTRACT EXECUTED BY THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY ON APRIL 1, 2014 (the "AUTHORITY") AND HLH APPRAISAL SERVICES, "CONSULTANT."

Parcel No. 22	475.00
Parcel No. 24	<u>475.00</u>

\$ 950.00

Pay ↑
Total Due 2 Reviews @ 475/Review Totals \$950.00

Harvey L. Heerssen
Harvey L. Heerssen – Review Appraiser
Tx. State Certified General Real Estate Appraiser
No. TX-1327190-G
6107 Aberton Forest Drive
Houston, TX. 77084

2-3-16
Date

PR
2/9/2016

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
2014 PAYMENT SUMMARY

Leonel Garza & Associates
Appraisal Report Services
State Highway 365

Billing Date	Invoices										Total Paid to Date		
	9/9/2014	12/31/2014	8/3/2015	8/4/2015	8/18/2015	9/28/2015	10/2/2015	10/8/2015	10/8/2015	11/9/2015		12/4/2015	11/23/2015
Billing Amount	\$27,500.00	\$35,000.00	\$57,500.00	\$5,000.00	\$30,000.00	\$36,250.00	\$20,000.00	\$15,000.00	\$15,000.00	\$37,500.00	\$37,500.00	\$5,000.00	\$333,750.00
	\$27,500.00	\$35,000.00	\$57,500.00	\$5,000.00	\$30,000.00	\$36,250.00	\$20,000.00	\$15,000.00	\$15,000.00	\$37,500.00	\$37,500.00	\$5,000.00	\$333,750.00

Amount Approved for Payment



2/9/2016
Date

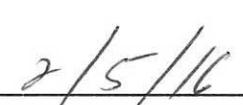
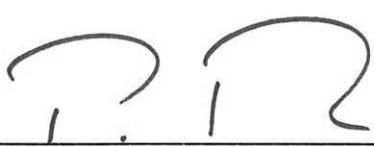
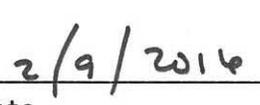
Approved for Payment
Pilar Rodriguez
Executive Director



REQUEST FOR RECOMMENDATION ON PAYMENT

To: Carlos "CJ" Moreno, Land Acquisition Coordinator

Month and Year	November 2015	
Contractor	Leonel Garza Jr. & Associates	
Project/WA	SH365	
Invoice #	2930	Date: 11/23/2015
Amount	\$ 5,000.00	
Date Sent	02/05/2016	

Date Received		
Received by		
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
 _____ Carlos Moreno, Jr., Land Acquisition Coordinator		 _____ Date
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
 _____ Pilar Rodriguez, Executive Director		 _____ Date



GARZA & ASSOCIATES

1419 Dove Ave Suite 1 McAllen, TX 78504

TIN# 74-2948770

Invoice

Date	Invoice #
11/23/2015	2930

Hidalgo Co. Regional Mobility Authority
 Carlos Moreno
 118 S Cage Blvd 4th Floor
 Pharr, TX 78577

Make Checks Payable To: Leonel Garza Jr. & Associates, LLC

P.O. No.	Terms	Job
	Net 30	365

Item	Office File#	Description	Rate	Amount
ROW Appraisal	3578	SH 365 Project Parcel 10 Owner: Dagoberto Magallan	2,500.00	2,500.00
ROW Appraisal	3600	SH 365 Project Parcel 26 Owner: AG Enterprises Inc	2,500.00	2,500.00

If you should have any questions regarding this invoice, please contact our office.

Phone # 956-687-7295

mvgarza@garza-associates.com

Total

\$5,000.00

2/9/2016

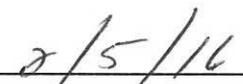
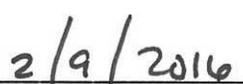
Pay



REQUEST FOR RECOMMENDATION ON PAYMENT

To: Carlos "CJ" Moreno, Land Acquisition Coordinator

Month and Year	January 2016	
Contractor	R.L. Abatement	
Project/WA	IBTC	
Invoice #	16-1761	Date: 02/04/2016
Amount	\$ 2,600.00	
Date Sent	02/05/2016	

Date Received		
Received by		
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
 _____ Carlos Moreno, Jr., Land Acquisition Coordinator		 _____ Date
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
 _____ Pilar Rodriguez, Executive Director		 _____ Date

R.L. Abatement, Inc.
 PO BOX 332
 Weslaco, Texas 78599

Invoice

(956) 968-2265 Tel
(956) 968-3301 Fax

Date	Invoice #
2/4/2016	16-1761

Bill To
Hidalgo County Regional Mobility Authority 118 S Cage Blvd Pharr, Texas 78577 carlos.moreno@hcrma.net

Project Name
Old House South Valley View Donna, Texas

P.O. No.	Due Date	Project#
	2/4/2016	16-1181

Description	Amount
For the removal and disposal of old house, walls only.	2,600.00

Please make check payable to: R.L. Abatement, Inc. PO Box 332 Weslaco, Texas 78599 We appreciate your prompt payment. If you should have any questions, please do not hesitate to contact our Billing Department.	Subtotal	\$2,600.00
	Sales Tax (8.25%)	\$0.00
	Payments/Credits	\$0.00
	Balance Due	\$2,600.00

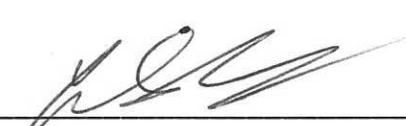
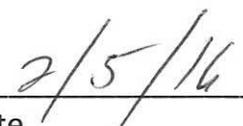
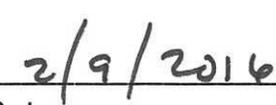
Pay ↑
 2/4/2016



REQUEST FOR RECOMMENDATION ON PAYMENT

To: Carlos "CJ" Moreno, Land Acquisition Coordinator

Month and Year	December 2015	
Contractor	Top Cut Lawn Care Inc.	
Project/WA	IBTC	
Invoice #	56649; 56650	Date: 01/15/2016
Amount	\$ 2,049.25	
Date Sent	02/05/2016	

Date Received		
Received by		
Recommendation:	<input checked="" type="checkbox"/> Approval	<input type="checkbox"/> Disapproval
Comments:		
		
Carlos Moreno, Jr., Land Acquisition Coordinator		Date
Recommendation:	<input checked="" type="checkbox"/> P.R. Approval	<input type="checkbox"/> Disapproval
Comments:		
		
Pilar Rodriguez, Executive Director		Date

Top Cut Lawn Care Inc.

1200 E. BUSINESS HIGHWAY 83
LA FERIA, TEXAS 78559

Phone No. 956-423-4318 Fax No. 956-797-4179
E-mail karina.varela@topcutcorp.com
Web Site www.topcutcorp.com

INVOICE

Date 1/15/2016
Invoice No. 56649



Work Order No. [REDACTED]
P.O. No.

Bill To	Location Services Performed
HIDALGO COUNTY REGIONAL MOBILITY 118 S. CAGE BLVD., 4TH FLOOR PO BOX 1766 PHARR TEXAS 78577	RED RIVER SUBDIVISION VALLEY VIEW RD N BUSINESS 83

Item	Description	Serviced Date	Qty	Rate	Amount
LAWNCARE	ONCE A MONTH MOW TRIM & BLOW INCLUDES DISPOSAL OF DEBRIS GENERATED 49 lots		49	29.25	1,433.25T
	MONTHLY FEE \$1433.25				



Subtotal	\$1,433.25	Payments/Credits	\$0.00
Sales Tax	\$0.00	Balance Due	\$1,433.25
Total	\$1,433.25	Terms	[REDACTED]

Please detach the lower portion of your invoice and return with your payment.

Invoice # 56649	<i>Please make all checks payable to TOP CUT LAWN CARE 1200 E. BUSINESS HIGHWAY 83 LA FERIA, TEXAS 78559</i>
Irrigation In Texas is regulated by the Texas Commission on Environmental Quality TCEQ MC-178 P.O. Box 13087 Austin, Tx 78711-3087 www.tceq.state.tx.us Irrigator LI #LI0013688	
Check No.	

For your convenience we accept all Major Credit Cards. **Balance Due** **\$1,433.25**

Notify us immediately! If your current sales tax status changes, you will be subject to and responsible for any unpaid or uncollected sales taxes that are pending due to tax status changes.

Top Cut Lawn Care Inc.

1200 E. BUSINESS HIGHWAY 83
LA FERIA, TEXAS 78559

Phone No. 956-423-4318 Fax No. 956-797-4179
E-mail karina.varela@topcutcorp.com
Web Site www.topcutcorp.com

INVOICE

Date 1/15/2016
Invoice No. 56650



Work Order No. [REDACTED]
P.O. No.

Bill To	Location Services Performed
HIDALGO COUNTY REGIONAL MOBILITY 118 S. CAGE BLVD., 4TH FLOOR PO BOX 1766 PHARR TEXAS 78577	QUIET VILLAGE RV PARK VALLEY VIEW RD TRAILER PARK

Item	Description	Serviced Date	Qty	Rate	Amount
MONTHLY L...	12 CYCLE/ VISITS SERVICE AGREEMENT -1 VISIT PER MONTH MAINTENANCE PACKAGE INCLUDES MOWING- EDGING- SHRUB TRIMMING- BLOWING- TRASH PICKUP- WEED CONTROL - TREE TRIMMING UP TO EIGHT FEET- WEED CONTROL IN PARKING AREAS.		56	11.00	616.00T
	56 LOTS AFTER ONE TIME CLEAN UP IS COMPLETED , MONTHLY FEE \$616.00				



Subtotal	\$616.00	Payments/Credits	\$0.00
Sales Tax	\$0.00	Balance Due	\$616.00
Total	\$616.00	Terms	[REDACTED]

Please detach the lower portion of your invoice and return with your payment.

Invoice # 56650	<i>Please make all checks payable to TOP CUT LAWN CARE 1200 E. BUSINESS HIGHWAY 83 LA FERIA, TEXAS 78559</i>
Irrigation In Texas is regulated by the Texas Commission on Environmental Quality TCEQ MC-178 P.O. Box 13087 Austin, Tx 78711-3087 www.tceq.state.tx.us Irrigator LI #LI0013688	
Check No.	

For your convenience we accept all Major Credit Cards. **Balance Due \$616.00**

Notify us immediately! If your current sales tax status changes, you will be subject to and responsible for any unpaid or uncollected sales taxes that are pending due to tax status changes.

Item 2C

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 2C </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 02/09/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 02/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **APPROVAL OF THE FINANCIAL REPORT FOR THE MONTH OF JANUARY 2016.**
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Consideration and approval of financial report for the month of January 2016.
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
4. Budgeted: Yes No X N/A
Funding Source:
5. Staff Recommendation: **Motion to approve the Financial Report for the month of January 2016, as presented.**
6. Program Manager's Recommendation: Approved Disapproved X None
7. Planning Committee's Recommendation: Approved Disapproved X None
8. Board Attorney's Recommendation: Approved Disapproved X None
9. Chief Auditor's Recommendation: Approved Disapproved X None
10. Chief Financial Officer's Recommendation: X Approved Disapproved None
11. Construction Engineer's Recommendation: Approved Disapproved X None
12. Executive Director's Recommendation: X Approved Disapproved None

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SEPERATE COVER

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Item 2D

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 2D </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 02/04/2016 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 02/23/2016 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **APPROVAL OF QUARTERLY INVESTMENT REPORT FOR THE PERIOD ENDING DECEMBER 31, 2015.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No
Consideration and approval of the quarterly investment reports for the period ending December 31, 2015.

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Public Funds Investment Act Section 2256

4. Budgeted: Yes No X N/A

5. Staff Recommendation: **Motion to approve the Quarterly Investment Report for the period ending December 31, 2015**

6. Program Manager's Recommendation: Approved Disapproved X None

7. Planning Committee's Recommendation: Approved Disapproved X None

8. Board Attorney's Recommendation: Approved Disapproved X None

9. Chief Auditor's Recommendation: Approved Disapproved X None

10. Chief Financial Officer's Recommendation: X Approved Disapproved None

11. Construction Engineer's Recommendation: Approved Disapproved X None

12. Executive Director's Recommendation: X Approved Disapproved None



Board of Directors

Rance G. Sweeten, Chairman
Josue Reyes, Vice Chairman
Ricardo Perez, Secretary/Treasurer
Michael Cano, Director
Forrest Runnels, Director
Alonzo Cantu, Director
R. David Guerra, Director

February 4, 2016

To: Rance G. Sweeten, Chair
Member of the Board of Directors

From: Pilar Rodriguez, Executive Director/Investment Officer
Jose Castillo, Chief Financial Officer

RE: Quarterly Investment Report for QE December 31, 2015/Statement of Compliance

The above-referenced report is hereby presented, pursuant to the Public Funds Investment Act (PFIA), for your review and acceptance.

Yields remain at historic low. The most significant change during this quarter was the acceleration of vendor payments from the Bond Construction Fund.

The PFIA also requires that the report contain a Statement of Compliance, signed by the Investment Officers, as presented below:

STATEMENT OF COMPLIANCE

Pursuant to the PFIA, we the Investment Officers of the Hidalgo County Regional Mobility Authority, represent to you that the portfolio presented in this report is in compliance with:

The HCRMA's Investment Policy, and

The Public Funds Investment Act of the State of Texas

Pilar Rodriguez, Investment Officer

Hidalgo County Regional Mobility Authority
SUMMARY
QUARTERLY INVESTMENT REPORT
For Quarter Ending December 31, 2015

	Local Govt Investment Pool	Money Mkt Fund	Total
COST			
Beginning Balance	\$ 17,367,338	\$ 1,867,911	\$ 19,235,249
Additions:			
Purchases	-	-	-
Investment Earnings	4,931	55	4,986
Transfers-In	-	993,837	993,837
Deductions:			
Withdrawals	-	-	-
Transfers-Out	-	-	-
Vendor/Bondholder Payments	<u>(2,453,276)</u>	<u>(2,530,481)</u>	<u>(4,983,757)</u>
Ending Balance	<u>\$ 14,918,993</u>	<u>\$ 331,322</u>	<u>\$ 15,250,315</u>
MARKET VALUE			
Beginning Balance	\$ 17,368,762	\$ 1,868,064	\$ 19,236,826
Ending Balance	<u>\$ 14,919,228</u>	<u>\$ 331,322</u>	<u>\$ 15,250,550</u>
Weighted Average Maturity	<u>45</u>	<u>31</u>	
Weighted Average Yield	<u>0.1374%</u>	<u>0.0100%</u>	

Hidalgo County Regional Mobility Authority
DETAIL - HOLDINGS BY FUND
QUARTERLY INVESTMENT REPORT
For Quarter Ending December 31, 2015

Type of Security/Fund	Description	Date		Yield	Beginning	Purchases	Interest	Contribution	Vendor	Adjusted	Market
		Purchased	Maturity		Cost				Payments	Cost	Value
Local Govt Investment Pool (TexSTAR)											
General Operating Fund	As Shown		N/A	0.1374%	159,648	-	55	-	-	159,703	159,689
Bond Construction Fund Series 2013	As Shown			0.1374%	14,005,858	-	3,765	-	(2,453,276)	11,556,347	11,556,347
Vehicle Registration Fund	As Shown			0.1374%	3,201,832	-	1,111	-	-	3,202,943	3,202,671
Total LGIP (TexSTAR)					<u>17,367,338</u>	<u>-</u>	<u>4,931</u>	<u>-</u>	<u>(2,453,276)</u>	<u>14,918,993</u>	<u>14,918,707</u>
Money Market Fund (Federated Govt Obligations)											
Debt Service Fund-106912-001	As Shown	Beginning Balance		0.0100%	<u>1,867,911</u>	<u>-</u>	<u>55</u>	<u>993,837</u>	<u>(2,530,481)</u>	<u>331,322</u>	<u>331,322</u>

0.1099 oct
0.1155 nov
0.1868 dec
0.1374 ave



Monthly Rate History

Rate History

Year:

Month	Avg. Rate
JAN	0.0542%
FEB	0.0548%
MAR	0.0604%
APR	0.0701%
MAY	0.0643%
JUN	0.0719%
JUL	0.0722%
AUG	0.0823%
SEP	0.0994%
OCT	0.1099%
NOV	0.1155%
DEC	0.1868%

(1) This weighted average maturity calculation uses the SEC rule 2a7 definition for stated maturity for any floating rate instruments held in the portfolio to determine the weighted average maturity for the pool. This rule specifies that a variable rate instrument to be paid in 397 calendar days or less shall be deemed to have a maturity equal to the period remaining until the next readjustment of the interest rate.

(2) This weighted average maturity calculation uses the final maturity of any floating rate instruments held in the portfolio to calculate the weighted average maturity for the pool.

(3) The yield for each date reflects a partial waiver of management fees, as provided for in the TexSTAR Information Statement.

TexSTAR Participant Services * FirstSouthwest
1201 Elm Street, Suite 3500 * Dallas, Texas 75270 * www.texstar.org * 1-800-TEX-STAR * 214-953-8890 * FAX 214-953-8878

Item 2E

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 2E </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 2/11/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 2/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-24 – APPROVAL OF WORK AUTHORIZATION NUMBER 1 TO THE PROFESSIONAL SERVICE AGREEMENT WITH SAMES ENGINEERING TO PROVIDE A REVISED SURVEY FOR THE SH 365 SEGMENT 1 & 2 PARCEL 16.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No
Consideration and Approval of Work Authorization Number 1 To Revise survey on Parcel 16

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: X Yes No N/A

5. Staff Recommendation: **Motion To Approve Resolution 2016- 24 – Work Authorization Number 1 To The Professional Service Agreement With Sames Engineering To Provide a Revised Survey For The SH 365 Segment 1 & 2 Parcel 16.**

6. Program Manager’s Recommendation: X Approved Disapproved None

7. Planning Committee’s Recommendation: Approved Disapproved X None

8. Board Attorney’s Recommendation: Approved Disapproved X None

9. Chief Auditor’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Executive Director’s Recommendation: X Approved Disapproved None



- Environmental
- Engineering
- Geo-Technical
- Surveying **SAMES**

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2016-24

Work Authorization # 1

Supplemental # _____ to WA # _____

Supplemental # _____

Amount: **\$ 2,935.00**

Approved Amendments:

Resolution No.	Description	Amount
2016- 24	Work Authorization Number 1	\$ 2,935.00

Subtotal from Cont. Page \$ 0.00

Contract Amount **\$ 2,935.00**

Proposed Amendment		
2016-24	Revise Survey for Parcel 16 on SH 365	\$ 2,935.00

Goal and Options:

Work Authorization # 1

Sames Engineering is to provide a revised survey for the SH 365 Segment 1 & 2 Parcel 16.

Staff is recommending approval of this request in the amount of \$ 2,935.00

Proposed Revised Contract Amount of \$ 5,870.00

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2016 – 24

**APPROVAL OF WORK AUTHORIZATION NUMBER 1 TO THE
PROFESSIONAL SERVICE AGREEMENT WITH SAMES
ENGINEERING TO PROVIDE A REVISED SURVEY FOR THE
SH 365 SEGMENT 1 & 2 PARCEL 16**

THIS RESOLUTION is adopted this 23rd day of February, 2016 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”);

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 22, 2012 the Authority approved Resolution 2012-04, which created the Technical Committee, comprised of senior level engineers and professional from various communities and agencies in the jurisdiction of the Authority, to serve to advise the Board on procurement and consultant work products; and

WHEREAS, Resolution 2012-04 also authorized the Executive Committee to determine the size, structure and scope of the Technical Committee, identify candidates and issue requests for participation; and

WHEREAS, Resolution 2013-41 authorized the use and structure of the Technical Committee to rate, rank and recommend a short list to the Board of Directors for the Statements of Qualifications for the International Bridge Trade Corridor Project for Engineering, Surveying and Geotechnical Services; and

WHEREAS, the Technical Committee has rated and ranked the Statements of Qualifications for the International Bridge Trade Corridor Project for Surveying Services and recommended that HCRMA staff be authorized to negotiate with all qualified Surveying Firms to establish a surveying pool for the project; and

WHEREAS, on November 20, 2014, the Board of Directors authorized staff to negotiate professional services agreements with Half Associates, RODS Surveying, Quintanilla, Headley & Associates, Land Tech Consultants, R. Gutierrez Engineering, Melden & Hunt, DOS Land Surveying, SAMES, Bain Medina Bain, ROW Surveying Services and Fulcrum Consulting Services; and

WHEREAS, on June 18, 2014, the Authority awarded professional service agreements to Halff Associates, RODS Surveying, Quintanilla, Headley & Associates, Land Tech Consultants, R. Gutierrez Engineering, Melden & Hunt, DOS Land Surveying, SAMES, Bain Medina Bain, ROW Surveying Services and Fulcrum Consulting Services for surveying services for the International Bridge Trade Corridor Project; and

WHEREAS, the Authority has determined it is necessary to approve Work Authorization Number 1 to the Professional Service Agreement with Sames Engineering to provide revised survey for the SH 365 Segment 1 & 2 Parcel 16 in the amount of \$2,935.00;

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby approves Work Authorization Number 1 to the Professional Service Agreements for Surveying Services with Sames Engineering, hereto attached as Exhibit A.

Section 3. The Board authorizes the Executive Director to execute the Work Authorization Number 1 to the Professional Services Agreement for Surveying Services with Sames Engineering as approved.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

Exhibit A

Work Authorization Number 1
to
Professional Service Agreements
with
Sames Engineering
for
Surveying Services
for the
SH 365

◆ Contract ◆

**Hidalgo County
Regional Mobility Authority
(HCRMA)(Authority)**

**SURVEYING SERVICES IBTC
Interchange with SH 365 to I-2 and
from the ValleyView Interchange to
FM 493**

Work Authorization No. 1

February 23, 2016

SAMES, Inc.

WORK AUTHORIZATION NO. 1

ATTACHMENT D-1

**WORK AUTHORIZATION NO. 1
AGREEMENT FOR SURVEYING SERVICES**

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of “Article V of that certain Professional Services Agreement for Surveying Services” (the Agreement) entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and SAMES, Inc. (the Surveyor).

PART I. The Surveyor will perform surveying services generally described as in accordance with the project description attached hereto and made a part of this Work Authorization. The responsibilities of the Authority and the Surveyor as well as the work schedule are further detailed in Exhibits A, B and C which are attached hereto and made a part of the Work Authorization.

PART II. The maximum amount payable under this Work Authorization is a total of \$2,935.00 and the method of payment is **Lump Sum**, as set forth in Attachment E of the Agreement. This amount is based upon fees set forth in Attachment E, Fee Schedule, of the Agreement and the Surveyor’s estimated Work Authorization costs included in Exhibit D, Fee Schedule, which is attached and made a part of this Work Authorization.

PART III. Payment to the Surveyor for the services established under this Work Authorization shall be made in accordance with Articles III thru V of the Agreement, and Attachment A, Section 1.

PART IV. This Work Authorization shall become effective on the date of final acceptance of the parties hereto and shall terminate on March 31, 2016, unless extended by a supplemental Work Authorization as provided in Attachment A, Section 1.

PART V. This Work Authorization does not waive the parties' responsibilities and obligations provided under “Article V of that certain Professional Services Agreement for Surveying Services for International Bridge Trade Corridor (IBTC) Segment 0010 project from the Interchange with SH 365 to I-2 and from the Valleyview Interchange to FM 493.

IN WITNESS WHEREOF, this Work Authorization is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE SURVEYOR

THE AUTHORITY

(Signature)
Samuel Maldonado, P.E., RPLS
(Printed Name)
Principal

(Title)

(Date)

(Signature)
Pilar Rodriguez, P.E.
(Printed Name)
Executive Director

(Title)

(Date)

LIST OF EXHIBITS

- | | |
|-------------|--|
| Exhibit A | Services to be provided by the Authority |
| Exhibit B | Services to be provided by the Surveyor |
| Exhibit C | Work Schedule |
| Exhibit D | Fee Schedule/Budget |
| Exhibit H-2 | Subprovider Monitoring System Commitment Agreement |

EXHIBIT A
SERVICES TO BE PROVIDED BY THE AUTHORITY

EXHIBIT A
SERVICES TO BE PROVIDED BY THE AUTHORITY

Project Map.

ROW Map – ROW widths, other land, ownership, survey information.

Ownership information of adjacent tracts.

Intersecting ROW information, documentation, construction plans of existing utilities if available.

Construction plans of existing facilities if available.

Intended use of the survey and required form of deliverables, files required, etc.

Accuracy required and method of display.

Horizontal and vertical datum upon where the survey should be based (if varies from TxDOT).

Research on subject tracts/parcel ownership aerial photographs.

Title Reports for Parent \ Ownership Tracts within Project

Boundary survey, (data files) of Original Survey Lines Subdivision, and Parent Tracts within Project. Includes found monumentation.

EXHIBIT B
SERVICES TO BE PROVIDED BY THE SURVEYOR

**EXHIBIT B
SERVICES TO BE PROVIDED BY THE SURVEYOR**

4.0 Boundary Survey

Surveys and boundary line re-construction of the Land Tracts through which the proposed project route or corridor will pass. This survey will be used for the final design of the project’s right of way line location therefore must be performed early in the project phase. This is NOT part of the right of way and parcel platting phase of the project even though it will be heavily relied upon to perform that phase.

Definitions for use in this context.

... Grants, Patents (Surveys), Porciones, i.e., Santa Anita Grant, Porcion 87, Survey No. 112

... Lot/Block Tracts or Partition Tracts, (Original Subdivisions of Grants, Surveys and Porciones) , i.e., Hidalgo Canal, Tex-Mex RR, San Salvador del Tule.

... Land Tracts, (severances or junior surveys of Lot/Block Tracts or Partition Tracts), i.e., 4.28 acres of Lot 1 Blk. 1, Tex-Mex RR

... Subdivision Tracts, (lots inside a platted subdivision of a Land Tract), i.e., Lot 1 of a subdivision of 4.28 acres of Lot 1 Blk. 1, Tex-Mex RR.

... ROW/Easement Tracts, (are much like Land Tracts and are severances within all of the above), i.e., HCIDD#1 150' ROW.

... Parent Tracts, (any tract of land, or a tract of land comprised of several smaller contiguous tracts, under one single ownership), i.e. all of Lot 2 Blk. 1 and 4.28 acres of Lot 1 Blk. 1, Tex Mex RR

Limits for this service:

Edna Salinas Survey

4.1 Coordination, Admin., Research and Abstracting Tasks.

<i>To be provided by:</i>			
<u>HCRMA</u>	<u>Sames, Inc.</u>	4.1.1	Contact and Coordinate with HCRMA for... <ul style="list-style-type: none"> • Proposed ROW or Corridor maps, data and information. • Intended use of survey, Extent of survey, Accuracy required, required form of deliverable and method of display, files required and etc. • Horizontal and Vertical projection, grid system and datum upon where the survey should be based. (see primary project control)
	<u>Sames, Inc.</u>	4.1.2	Research Deeds, Maps, and other survey records and Abstract adequate property data and information to support the preparation of a Digital “Working Sketch”, or “Deed Draft Record Sketch”, to support the determination of the location and the re-construction of intended boundaries of the land Tracts to be field surveyed.
<u>HCRMA</u>	<u>Sames, Inc.</u>	4.1.3	Obtain ROE information and work performed in the Right of Entry phase of project. (If Available)
	<u>Sames, Inc.</u>	4.1.5	Prepare digital “Working Sketch”, or “Deed Draft Record Sketch”. (This will evolve into the Final “Boundary Map” as field survey data is performed)

EXHIBIT B
SERVICES TO BE PROVIDED BY THE SURVEYOR

4.2 Field Work Tasks.

<i>To be provided by:</i>			
	<u>Sames, Inc.</u>	4.2.1	Locate, recover, and re-trace all corners and survey lines of the Land Tracts through which the proposed project route or corridor will pass.
	<u>Sames, Inc.</u>	4.2.2	The surveyor will begin by locating or retracing as many corners of the original grants as required to construct the boundaries of the Land Tracts included in the project for future takings. Subsequent to locating the original grant boundaries and preparing a boundary construction, the surveyor may locate corners and lines of any junior survey interior to the original grants. In this manner, the surveyor will build up a logical scheme of boundary construction.

4.3 Office Work / Delivery Preparation Tasks

<i>To be provided by:</i>			
	<u>Sames, Inc.</u>	4.3.1	Perform final boundary analysis and boundary re-construction decisions of survey lines for the lands included in the project for future takings in accordance to all Texas Board of Professional Land Surveying rules, standards and policies. (<i>“Footsteps of the Original Surveyor”</i>)
	<u>Sames, Inc.</u>	4.3.2	Prepare and deliver a completed digital Boundary Construction Map. This map will depict all survey evidence recovered in the survey. The surveyor will prepare a survey map showing the corners recovered, the courses, and distances of the boundaries and areas of lands considered in the project. <ul style="list-style-type: none"> • Insure that boundary map coincides with the project grid and datum control. • Insure that boundary map includes all easements, severances, or other exceptions that the “Abstracts of Title” or “Title Reports” yield.

NOTE:

HCRMA PMC and Design Engineers will take the surveyors Boundary Survey deliverables and develop a **FINAL ROW FOOTPRINT** and then direct surveyor to start and complete the **Right of Way Mapping and Parcel Tract Plats** phase of the surveyor’s scope of services.

**EXHIBIT C
WORK SCHEDULE**

EXHIBIT D
FEE SCHEDULE BUDGET

EXHIBIT H-2
Subprovider Monitoring System Commitment Agreement

This commitment agreement is subject to the award and receipt of a signed contract from the Hidalgo County Regional Mobility Authority (Authority). **NOTE: Attachment H-2 is required to be attached to each contract that does not include work authorizations. Attachment H-2 is required to be attached with each work authorization. Attachment H-2 is also required to be attached to each supplemental work authorization. If DBE/HUB Subproviders are used, the form must be completed and signed. If no DBE/HUB Subproviders are used, indicate with "N/A" on this line: _____ and attach with the work authorization or supplemental work authorization.**

Contract #: _____ Assigned Goal: 0.0% Prime Provider SAMES, Inc.

Work Authorization (WA)#: 1 WA Amount: \$2,935.00 Date: _____

Supplemental Work Authorization (SWA) #: _____ to WA #: _____ SWA Amount: _____

Revised WA Amount: _____

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
Survey	\$2,935.00
FC	\$0
Total Commitment Amount <i>(Including all additional pages.)</i>	\$0

IMPORTANT: The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.

Provider Name: SAMES, Inc. Address: 200 S. Cage Blvd., Ste. A Pharr, TX 78577 VID Number: 12629412888 PH: (956) 780-7880; FX: (956) 780 -8883 Email: sam@samengineering-surveying.com	Name: <u>Samuel Maldonado</u> <i>(Please Print)</i> Title: <u>Principal</u> <hr/> Signature Date
DBE/HUB Sub Provider Subprovider Name: VID Number: Address: PH: (XXX) XXX-XXXX; FX: (XXX) XXX-XXXX Email:	Name: _____ <i>(Please Print)</i> Title: _____ <hr/> Signature Date
DBE/HUB Sub Provider Subprovider Name: VID Number: Address: PH: FX: Email:	Name: _____ <i>(Please Print)</i> Title: _____ <hr/> Signature Date

Item 2F

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 2F </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 2/10/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 2/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-25 – APPROVAL OF SUPPLEMENTAL NUMBER 3 TO WORK AUTHORIZATION NUMBER 2 TO THE PROFESSIONAL SERVICE AGREEMENT WITH R. GUTIERREZ ENGINEERING TO RE-SETTING CONSTRUCTION STAKING CONTROL POINTS 956 AND 958 FOR THE US 281/MILITARY HIGHWAY OVERPASS/BSIF CONNECTOR PROJECT.**

2. Nature of Request: (Brief Overview) Attachments: Yes No
Consideration and Approval of Supplemental Number 3 Work Authorization Number 2.

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: Yes No N/A

5. Staff Recommendation: **Motion To Approve Resolution 2016- 25 – Supplemental Number 3 to Work Authorization Number 2 To The Professional Service Agreement With R. Gutierrez Engineering To Re-Setting Construction Staking Control Points 956 and 958 For The US 281/Military Highway Overpass/BSIF Connector Project.**

6. Program Manager’s Recommendation: Approved Disapproved None

7. Planning Committee’s Recommendation: Approved Disapproved None

8. Board Attorney’s Recommendation: Approved Disapproved None

9. Chief Auditor’s Recommendation: Approved Disapproved None

10. Chief Financial Officer’s Recommendation: Approved Disapproved None

11. Executive Director’s Recommendation: Approved Disapproved None



- Environmental
- Engineering
- Geo-Technical
- Surveying **R. Gutierrez Engineering**

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2016-25

- Work Authorization # _____
- Supplemental # 3 to WA # 2
- Supplemental # _____

Amount: \$ 4,674.25

Approved Amendments:

Resolution No.	Description	Amount
2014-56	Work Authorization Number 1	\$ 75,560.00
2014-117	Supplemental 1 to Work Authorization 1	\$ 34,152.00
2015-17	Work Authorization Number 2	\$ 13,802.13
2015-48	Supplemental 2 to Work Authorization 1	\$ 2,208.95
2015-72	Supplemental 1 to Work Authorization 4	\$ 1,282.08
Subtotal from Cont. Page		\$ 8,370.63
Contract Amount		\$ 135,375.79
Proposed Amendment		
2016-25	Re-Setting Control Points 956 & 958	\$ 4,674.25

Goal and Options:

Supplemental Number 3 to Work Authorization Number 2

As part of SH365 Segment 3, R. Gutierrez Engineering is to re-set the control points for US 281/Military Highway.

Staff is recommending approval of this request in the amount of \$ 4,674.25
Proposed Revised Contract Amount of \$ 140,050.04

Approved Amendments Cont...

Resolution No. 2016-25

Requisition No.	Description	Amount
2015-86	No Cost Time Extension	\$ 0.00
2016-04	Re-stake ROW for US 281/Military Highway	\$ 8,370.63

Subtotal \$ 8,370.63

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2016-25

**APPROVAL OF SUPPLEMENTAL NUMBER 3 TO WORK
AUTHORIZATION NUMBER 2 TO THE PROFESSIONAL
SERVICE AGREEMENT WITH R GUTIERREZ ENGINEERING
TO RE-SETTING CONSTRUCTION STAKING CONTROL POINTS
956 AND 958 FOR THE US 281/MILITARY HIGHWAY
OVERPASS/BSIF CONNECTOR PROJECT.**

THIS RESOLUTION is adopted this 23rd day of February, 2016 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the "Authority"), acting through its Board of Directors (the "Board"), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the "Act");

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 22, 2012 the Authority approved Resolution 2012-04, which created the Technical Committee, comprised of senior level engineers and professional from various communities and agencies in the jurisdiction of the Authority, to serve to advise the Board on procurement and consultant work products; and

WHEREAS, Resolution 2012-04 also authorized the Executive Committee to determine the size, structure and scope of the Technical Committee, identify candidates and issue requests for participation; and

WHEREAS, Resolution 2013-41 authorized the use and structure of the Technical Committee to rate, rank and recommend a short list to the Board of Directors for the Statements of Qualifications for the International Bridge Trade Corridor Project for Engineering, Surveying and Geotechnical Services; and

WHEREAS, the Technical Committee has rated and ranked the Statements of Qualifications for the International Bridge Trade Corridor Project for Surveying Services and recommended that HCRMA staff be authorized to negotiate with all qualified Surveying Firms to establish a surveying pool for the project; and

WHEREAS, on November 20, 2014, the Board of Directors authorized staff to negotiate professional services agreements with Half Associates, RODS Surveying, Quintanilla, Headley & Associates, Land Tech Consultants, R. Gutierrez Engineering, Melden & Hunt, DOS Land Surveying, SAMES, Bain Medina Bain, ROW Surveying Services and Fulcrum Consulting Services; and

WHEREAS, on June 18, 2014, the Authority awarded professional service agreements to Half Associates, RODS Surveying, Quintanilla, Headley & Associates, Land Tech Consultants, R. Gutierrez Engineering, Melden & Hunt, DOS Land Surveying, SAMES, Bain Medina Bain, ROW Surveying Services and Fulcrum Consulting Services for surveying services for the International Bridge Trade Corridor Project; and

WHEREAS, on June 18, 2014, the Authority approved Work Authorization Number 1 to the Professional Service Agreement with R Gutierrez Engineering to prepare 49 parcel plats and descriptions in the amount of \$75,560.00; and

WHEREAS, on December 15, 2014, the Authority approved Supplemental Number 1 to Work Authorization Number I to the Professional Service Agreement with R. Gutierrez Engineering to revise 37 existing tracts due to an adjustment of the roadway alignment to accommodate both ETT and the Donna Irrigation District and revise 58 parcels due to TX DOT clarification for control of access lines as part of the International Bridge Trade Corridor Project in the amount \$34,152.00; and

WHEREAS, on May 28, 2015, the Authority approved Work Authorization Number 2 to the Professional Service Agreement with R. Gutierrez Engineering to provide field staking of right of way and easements on the US 281 Overpass/BSIF Connector Project for the relocation of various utilities in the amount of \$13,802.13; and

WHEREAS, on July 28, 2015, the Authority approved Supplemental 2 to Work Authorization Number 1 to the Professional Service Agreement with R. Gutierrez Engineering to provide a revised survey plat for parcel EA-T-12 for the ETT Transmission Line Acquisition as part of the International Bridge Trade Corridor in the amount of \$2,208.95; and

WHEREAS, on October 27, 2015 the Authority approved Supplemental 2 to Work Authorization Number 1 to the Professional Service Agreement with R. Gutierrez Engineering to provide a revised metes and bounds for parcel 238 for the ETT Transmission Line Acquisition as part of the International Bridge Trade Corridor in the amount of \$1,282.08; and

WHEREAS, on November 17, 2015 the Authority approved Supplemental 5 to the Professional Service Agreement with R. Gutierrez Engineering to increase the maximum payable amount for Supplemental Number 1 to Work Authorization Number 4 in the amount of \$1,282.08; and

WHEREAS, on December 15, 2015, the Authority approved Supplemental 2 to Work Authorization Number 3 the Professional Service Agreement with R. Gutierrez Engineering for a no-cost time extension for ETT Parcels as part of the International Bridge Trade Corridor Project in the amount of \$0.00; and

WHEREAS, on January 26, 2016, the Authority approved Supplemental 2 to Work Authorization Number 2 the Professional Service Agreement with R. Gutierrez Engineering to re-stake Right of Way for the US 281/Military Highway Overpass/BSIF Connector in the amount of \$8,370.63; and

WHEREAS, the Authority has determined it is necessary to approve Supplemental 3 to Work Authorization Number 2 the Professional Service Agreement with R. Gutierrez Engineering to re-setting construction staking control points 956 and 958 for the US 281/Military Highway Overpass/BSIF Connector in the amount of \$4,674.25;

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby approves Supplemental Number 3 to Work Authorization Number 2 the Professional Service Agreements for Surveying Services with R. Gutierrez Engineering, hereto attached as Exhibit A.

Section 3. The Board authorizes the Executive Director to execute Supplemental 3 to Work Authorization Number 2 the Professional Services Agreement for Surveying Services with R Gutierrez Engineering as approved.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

Exhibit A

Supplemental # 3
WA# 2

Professional Service Agreements
With
R Gutierrez Engineering
for
Surveying Services

◆ Contract ◆

**Hidalgo County
Regional Mobility Authority
(HCRMA)(Authority)**

**SURVEYING SERVICES IBTC
Interchange with SH 365 to I-2 and
from the ValleyView Interchange to
FM 493**

SWA No. 3 to WA No. 2

February 23, 2016

R. Gutierrez Engineering Corporation

ATTACHMENT D-2

**SUPPLEMENTAL WORK AUTHORIZATION NO. 3
TO WORK AUTHORIZATION NO. 2
AGREEMENT FOR SURVEYING SERVICES**

THIS SUPPLEMENTAL WORK AUTHORIZATION is made pursuant to the terms and conditions of “Article V of that certain Professional Services Agreement for Surveying Services” hereinafter identified as the “Agreement,” entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and R. Gutierrez Corporation (the Surveyor).

The following terms and conditions of Work Authorization No. 2 are hereby amended as follows:

Part I: Supplemental Work Authorization Scope of Services to be provided by the Engineer and amended as noted within the attached Exhibit B. Exhibit C is provided to show the work plan for the execution of the Supplemental Work Authorization scope contained herein.

Part II: The maximum amount payable under Part II of Work Authorization No. 2 is increased by \$4,674.25 bringing the revised maximum amount payable to \$39,101.89. The Fee Schedule/Budget in Exhibit D of Work Authorization No. 2 is increased by a Supplemental amount of \$4,674.25 to a total maximum amount payable of \$39,101.89.

Part IV: Work Authorization No. 2 shall now terminate on April 30, 2016 and a revised Work Schedule will be supplied to document the revised date of work activity.

Exhibit H-2: Subprovider Monitoring System Commitment Agreement is amended as noted in Exhibit H-2

IN WITNESS WHEREOF, this Supplemental Work Authorization is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE SURVEYOR

THE AUTHORITY

(Signature)
Ramiro Gutierrez

(Printed Name)
President

(Title)

(Date)

(Signature)
Pilar Rodriguez, P.E.

(Printed Name)
Executive Director

(Title)

(Date)

LIST OF EXHIBITS

- | | |
|-------------|--|
| Exhibit B | Supplemental Scope of Services |
| Exhibit C | Work Schedule |
| Exhibit D | Fee Schedule/Budget |
| Exhibit H-2 | Subprovider Monitoring System Commitment Agreement |

EXHIBIT B
SUPPLEMENTAL SERVICES TO BE PROVIDED BY THE SURVEYOR

EXHIBIT B
SUPPLEMENTAL SERVICES TO BE PROVIDED BY THE SURVEYOR

FIELD SURVEYING (FC 130)

PROJECT AREA

The project area encompasses the south side of the proposed US 281 (Military Highway) from San Juan Road East to FM 2557.

WORK PLAN

The following tasks will follow this sequence throughout the completion of this project:

1) PREVIOUS TO STAKING OF R.O.W.

- a) Call Texas 811 if new installations done

2) RE-SETTING CONTROL POINTS 956 AND 958

- a) Re-set Control Points by marking/exposing/recovering/resetting existing control points previously set by RODS Surveying.
- b) Two control points will be marked/exposed/recovered/reset.

3) RUN 3-WIRE LEVEL LOOP TO ESTABLISH ELEVATION OF CONTROL POINTS

- a) Run 3-wire level loops from control point 953 to 956 and from 956 to 958 to establish elevation of control points.

4) DEVELOP SURVEY CONTROL PLAN SHEET FOR THE TWO CONTROL POINTS

- a) Prepare Survey Control Plan Sheet, signed and sealed, showing the survey control data for the control points 956 and 958.
- b) Submit copy of field book data.

5) DEVELOP SURVEY CONTROL PLAN SHEET FOR THE PREVIOUSLY RE-SET CONTROL POINT

- a) Prepare Survey Control Plan Sheet, signed and sealed, showing the survey control data for the previously re-set control point 953.

EXHIBIT C
WORK SCHEDULE

EXHIBIT D
FEE SCHEDULE BUDGET

EXHIBIT H-2
Subprovider Monitoring System Commitment Agreement

This commitment agreement is subject to the award and receipt of a signed contract from the Hidalgo County Regional Mobility Authority (Authority). **NOTE: Attachment H-2 is required to be attached to each contract that does not include work authorizations. Attachment H-2 is required to be attached with each work authorization. Attachment H-2 is also required to be attached to each supplemental work authorization. If DBE/HUB Subproviders are used, the form must be completed and signed. If no DBE/HUB Subproviders are used, indicate with "N/A" on this line: _____ and attach with the work authorization or supplemental work authorization.**

Contract #: _____ Assigned Goal: 0.0% Prime Provider R. Gutierrez Corporation

Work Authorization (WA)#: 2 WA Amount: \$13,802.13 Date: _____

Supplemental Work Authorization (SWA) #: 3 to WA #: 2 SWA Amount: \$4,674.25

Revised WA Amount: \$39,101.89

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
Survey	\$4,674.25
FC	\$0
Total Commitment Amount <i>(Including all additional pages.)</i>	\$0

IMPORTANT: The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.

Provider Name: R. Gutierrez Corporation Address: 130 E. Park Avenue Pharr, Tx 78577 VID Number: 17417379595 PH: (956) 381-0981; FX: () - Email: <u>rgutierrez@rgec.net.com</u>	Name: <u>Ramiro Gutierrez</u> <i>(Please Print)</i> Title: <u>President</u> <hr/> Signature Date
DBE/HUB Sub Provider Subprovider Name: VID Number: Address: PH: (XXX) XXX-XXXX; FX: (XXX) XXX-XXXX Email:	Name: _____ <i>(Please Print)</i> Title: _____ <hr/> Signature Date
DBE/HUB Sub Provider Subprovider Name: VID Number: Address: PH: FX: Email:	Name: _____ <i>(Please Print)</i> Title: _____ <hr/> Signature Date

Item 2G

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 2G </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 2/11/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 2/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-26 – APPROVAL OF SUPPLEMENTAL NUMBER 7 TO THE PROFESSIONAL SERVICE AGREEMENT WITH R. GUTIERREZ ENGINEERING TO INCREASE THE MAXIMUM PAYABLE AMOUNT FOR SUPPLEMENTAL NUMBER 3 TO WORK AUTHORIZATION NUMBER 2.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No

Consideration and Approval of Supplemental Number 7 To Increase The Maximum Payable Amount For Supplemental Number 3 To Work Authorization Number 2

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: X Yes No N/A

5. Staff Recommendation: **Motion To Approve Resolution 2016- 26 – Supplemental Number 7 to The Professional Service Agreement With R. Gutierrez Engineering To Increase The Maximum Payable Amount For Supplemental Number 3 To Work Authorization Number 2.**

6. Program Manager’s Recommendation: X Approved Disapproved Non

7. Planning Committee’s Recommendation: Approved Disapproved X None

8. Board Attorney’s Recommendation: Approved Disapproved X None

9. Chief Auditor’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Executive Director’s Recommendation: X Approved Disapproved None



- Environmental
- Engineering
- Geo-Technical
- Surveying **R. Gutierrez Engineering**

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2016-26

- Work Authorization # _____
- Supplemental # _____ to WA # _____
- Supplemental # 7

Amount : \$ 4,674.25

Approved Amendments:

Resolution No.	Description	Amount
2014-56	Supplemental Number 1	\$ 75,560.00
2014-117	Supplemental Number 2	\$ 34,152.00
2015-17	Supplemental Number 3	\$ 13,802.13
2015-48	Supplemental Number 4	\$ 2,208.95
2015-72	Supplemental Number 5	\$ 1,282.08
Subtotal from Cont. Page		\$ 8,370.63
Contract Amount		\$ 135,375.79
Proposed Amendment		
2016-26	Supplemental 7	\$ 4,674.25

Goal and Options:

Supplemental Number 7

To increase the maximum payable amount for Supplemental 3 to Work Authorization 2

Staff is recommending approval of this request in the amount of \$ 4,674.25
Proposed Revised Contract Amount of \$ 140,050.04

Approved Amendments Cont...

Resolution No. 2016-26

Requisition No.	Description	Amount
2015-86	No Cost Time Extension	\$ 0.00
2016-04	Supplemental Number 6	\$ 8,370.63

Subtotal \$ 8,370.63

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2016-26

**APPROVAL OF SUPPLEMENTAL NUMBER 7 TO THE
PROFESSIONAL SERVICE AGREEMENT WITH R GUTIERREZ
ENGINEERING TO INCREASE THE MAXIMUM PAYABLE
AMOUNT FOR SUPPLEMENTAL NUMBER 3 TO WORK
AUTHORIZATION NUMBER 2**

THIS RESOLUTION is adopted this 23rd day of February, 2016 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the "Authority"), acting through its Board of Directors (the "Board"), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the "Act");

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 22, 2012 the Authority approved Resolution 2012-04, which created the Technical Committee, comprised of senior level engineers and professional from various communities and agencies in the jurisdiction of the Authority, to serve to advise the Board on procurement and consultant work products; and

WHEREAS, Resolution 2012-04 also authorized the Executive Committee to determine the size, structure and scope of the Technical Committee, identify candidates and issue requests for participation; and

WHEREAS, Resolution 2013-41 authorized the use and structure of the Technical Committee to rate, rank and recommend a short list to the Board of Directors for the Statements of Qualifications for the International Bridge Trade Corridor Project for Engineering, Surveying and Geotechnical Services; and

WHEREAS, the Technical Committee has rated and ranked the Statements of Qualifications for the International Bridge Trade Corridor Project for Surveying Services and recommended that HCRMA staff be authorized to negotiate with all qualified Surveying Firms to establish a surveying pool for the project; and

WHEREAS, on November 20, 2014, the Board of Directors authorized staff to negotiate professional services agreements with Half Associates, RODS Surveying, Quintanilla, Headley & Associates, Land Tech Consultants, R. Gutierrez Engineering, Melden & Hunt, DOS Land Surveying, SAMEs, Bain Medina Bain, ROW Surveying Services and Fulcrum Consulting Services; and

WHEREAS, on June 18, 2014, the Authority awarded professional service agreements to Half Associates, RODS Surveying, Quintanilla, Headley & Associates, Land Tech Consultants, R. Gutierrez Engineering, Melden & Hunt, DOS Land Surveying, SAMES, Bain Medina Bain, ROW Surveying Services and Fulcrum Consulting Services for surveying services for the International Bridge Trade Corridor Project; and

WHEREAS, on June 18, 2014, the Authority approved Work Authorization Number 1 to the Professional Service Agreement with R Gutierrez Engineering to prepare 49 parcel plats and descriptions in the amount of \$75,560.00; and

WHEREAS, on December 15, 2014, the Authority approved Supplemental Number 1 to Work Authorization Number I to the Professional Service Agreement with R. Gutierrez Engineering to revise 37 existing tracts due to an adjustment of the roadway alignment to accommodate both ETT and the Donna Irrigation District and revise 58 parcels due to TX DOT clarification for control of access lines as part of the International Bridge Trade Corridor Project in the amount \$34,152.00; and

WHEREAS, on May 28, 2015, the Authority approved Work Authorization Number 2 to the Professional Service Agreement with R. Gutierrez Engineering to provide field staking of right of way and easements on the US 281 Overpass/BSIF Connector Project for the relocation of various utilities in the amount of \$13,802.13; and

WHEREAS, on July 28, 2015, the Authority approved Supplemental 2 to Work Authorization Number 1 to the Professional Service Agreement with R. Gutierrez Engineering to provide a revised survey plat for parcel EA-T-12 for the ETT Transmission Line Acquisition as part of the International Bridge Trade Corridor in the amount of \$2,208.95; and

WHEREAS, on October 27, 2015 the Authority approved Supplemental 1 to Work Authorization Number 4 to the Professional Service Agreement with R. Gutierrez Engineering to provide a revised metes and bounds for parcel 238 for the ETT Transmission Line Acquisition as part of the International Bridge Trade Corridor in the amount of \$1,282.08; and

WHEREAS, on November 17, 2015 the Authority approved Supplemental 5 to the Professional Service Agreement with R. Gutierrez Engineering to increase the maximum payable amount for Supplemental Number 1 to Work Authorization Number 4 in the amount of \$1,282.08; and

WHEREAS, on December 15, 2015, the Authority approved Supplemental 2 to Work Authorization Number 3 the Professional Service Agreement with R. Gutierrez Engineering for a no-cost time extension for ETT Parcels as part of the International Bridge Trade Corridor Project in the amount of \$0.00; and

WHEREAS, on January 26, 2016, the Authority approved Supplemental Number 6 to the Professional Service Agreement with R. Gutierrez Engineering to increase the maximum payable amount for Supplemental Number 2 to Work Authorization Number 2 in the amount of \$8,370.63; and

WHEREAS, the Authority has determined it is necessary to approve Supplemental Number 7 to the Professional Service Agreement with R. Gutierrez Engineering to increase the maximum payable amount for Supplemental Number 3 to Work Authorization Number 2 in the amount of \$4,674.25;

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby approves Supplemental Number 7 to the Professional Service Agreements for Surveying Services with R. Gutierrez Engineering, hereto attached as Exhibit A.

Section 3. The Board authorizes the Executive Director to execute Supplemental 7 to the Professional Services Agreement for Surveying Services with R Gutierrez Engineering as approved.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

Exhibit A

Supplemental # 7

Professional Service Agreements
With
R Gutierrez Engineering
for
Surveying Services

◆ Contract ◆

**Hidalgo County
Regional Mobility Authority
(HCRMA)(Authority)**

**SURVEYING SERVICES IBTC
Interchange with SH 365 to I-2 and
from the ValleyView Interchange to
FM 493**

SA No. 7 to MAIN CONTRACT

February 23, 2016

R. Gutierrez Engineering Corporation

SUPPLEMENTAL AGREEMENT NO. 7

**SUPPLEMENTAL AGREEMENT NO. 7
TO PROFESSIONAL SERVICES
AGREEMENT FOR SURVEYING SERVICES**

THIS SUPPLEMENTAL AGREEMENT NO 7 TO MAIN CONTRACT is made pursuant to the terms and conditions of “Article III Compensation and Attachment A General Provisions Section 6 Supplemental Agreements of that certain Professional Services Agreement for Surveying Services” hereinafter identified as the “Agreement,” entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and R. Gutierrez Corporation (the Surveyor).

The following terms and conditions of the Agreement are hereby amended as follows:

Article III Compensation

Article III Compensation shall be amended to increase the amount payable under this contract from \$159,934.92 to \$164,609.25 for a total increase of \$4,674.25 due to SWA No. 3 to WA No. 2 for U.S. 281 Re-Setting Control Points 956 and 958.

This Supplemental Agreement No. 6 to the Main Contract shall become effective on the date of final execution of the parties hereto. All other terms and conditions of the Agreement not hereby amended are to remain in full force and effect.

IN WITNESS WHEREOF, this Supplemental Agreement is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE SURVEYOR

THE AUTHORITY

(Signature)

(Printed Name)

(Title)

(Date)

(Signature)
Pilar Rodriguez, PE

(Printed Name)
Executive Director

(Title)

(Date)

Item 2H

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 2H </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 2/11/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 2/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-27 – APPROVAL OF WORK AUTHORIZATION NUMBER 5 TO THE PROFESSIONAL SERVICE AGREEMENT WITH MELDEN & HUNT TO PROVIDE PARCEL SKETCHES FOR IRRIGATION EASEMENTS FOR THE ETT CROSS VALLEY PROJECT AS PART OF THE INTERNATIONAL BRIDGE TRADE CORRIDOR PROJECT.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No

Consideration and Approval of Work Authorization Number 5 For Parcel Sketches & Easements

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: X Yes No N/A

5. Staff Recommendation: **Motion To Approve Resolution 2016- 27 – Authorization Number 5 To The Professional Service Agreement With Melden & Hunt To Provide Parcel Sketches For Irrigation Easements For The ETT Cross Valley Project As Part Of The International Bridge Trade Corridor Project.**

6. Program Manager’s Recommendation: X Approved Disapproved None

7. Planning Committee’s Recommendation: Approved Disapproved X None

8. Board Attorney’s Recommendation: Approved Disapproved X None

9. Chief Auditor’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Executive Director’s Recommendation: X Approved Disapproved None



- Environmental
- Engineering
- Geo-Technical
- Surveying **Melden & Hunt**

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2016-27

Work Authorization # 5

Supplemental # _____ to WA # _____

Supplemental # _____

Amount: \$ 4,476.50

Approved Amendments:

Resolution No.	Description	Amount
2014	Supplemental Number 1	\$ 26,210.00
2014	Supplemental Number 2	\$ 5,542.00
2014	Supplemental Number 3	\$ 4,968.00

Subtotal from Cont. Page \$ 0.00

Contract Amount **\$ 36,720.00**

Proposed Amendment

2016-27	Provide Parcel Sketches for Easements on IBTC	\$ 4,476.50
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Goal and Options:

Work Authorization Number 5

As part of the IBTC Project , Melden & Hunt is to provide parcel sketches for Irrigation Easements for ETT.

Staff is recommending approval of this request in the amount of \$ 4,476.50

Proposed Revised Contract Amount of \$ 41,196.50

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2016 – 27

**APPROVAL OF WORK AUTHORIZATION NUMBER 5 TO THE
PROFESSIONAL SERVICE AGREEMENT WITH MELDEN &
HUNT FOR PARCEL SKETCHES FOR IRRIGATION
EASEMENTS FOR THE ETT CROSS VALLEY PROJECT AS
PART OF THE INTERNATIONAL BRIDGE TRADE CORRIDOR
PROJECT**

THIS RESOLUTION is adopted this 23rd day of February, 2016 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”);

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 22, 2012 the Authority approved Resolution 2012-04, which created the Technical Committee, comprised of senior level engineers and professional from various communities and agencies in the jurisdiction of the Authority, to serve to advise the Board on procurement and consultant work products; and

WHEREAS, Resolution 2012-04 also authorized the Executive Committee to determine the size, structure and scope of the Technical Committee, identify candidates and issue requests for participation; and

WHEREAS, Resolution 2013-41 authorized the use and structure of the Technical Committee to rate, rank and recommend a short list to the Board of Directors for the Statements of Qualifications for the International Bridge Trade Corridor Project for Engineering, Surveying and Geotechnical Services; and

WHEREAS, the Technical Committee has rated and ranked the Statements of Qualifications for the International Bridge Trade Corridor Project for Surveying Services and recommended that HCRMA staff be authorized to negotiate with all qualified Surveying Firms to establish a surveying pool for the project; and

WHEREAS, on November 20, 2014, the Board of Directors authorized staff to negotiate professional services agreements with Half Associates, RODS Surveying, Quintanilla, Headley & Associates, Land Tech Consultants, R. Gutierrez Engineering, Melden & Hunt, DOS Land Surveying, SAMES, Bain Medina Bain, ROW Surveying Services and Fulcrum Consulting Services; and

WHEREAS, on June 18, 2014, the Authority awarded professional service agreements to Halff Associates, RODS Surveying, Quintanilla, Headley & Associates, Land Tech Consultants, R. Gutierrez Engineering, Melden & Hunt, DOS Land Surveying, SAMES, Bain Medina Bain, ROW Surveying Services and Fulcrum Consulting Services for surveying services for the International Bridge Trade Corridor Project; and

WHEREAS, on June 18, 2014, the Authority approved Work Authorization Number 1 to the Professional Service Agreement with Melden & Hunt to prepare 8 parcel plats and descriptions in the amount of \$26,210.00; and

WHEREAS, staff has negotiated Work Authorization Number 2 to the Professional Service Agreement with Melden & Hunt to provide select topography along the Donna Irrigation District Main Canal as part of the International Bridge Trade Corridor Project; and

WHEREAS, on August 27, 2014 the Authority approved Work Authorization Number 2 to the Professional Service Agreement with Melden & Hunt to provide select topography along the Donna Irrigation District Main Canal in the amount of \$5,542.00; and

WHEREAS, on January 26, 2016, the Authority approved Work Authorization Number 3 to the Professional Service Agreement with Melden & Hunt to provide metes & bounds for parcel 267 in the amount of \$4,968.00; and

WHEREAS, the Authority has determined it is necessary to approve Work Authorization Number 5 to the Professional Service Agreement with Melden & Hunt to provide parcel sketches for Irrigation Easements for the ETT Cross Valley Project as part of the International Bridge Trade Corridor in the amount of \$4,476.50;

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby approves Work Authorization Number 5 to the Professional Service Agreements for Surveying Services with Melden & Hunt, hereto attached as Exhibit A.

Section 3. The Board authorizes the Executive Director to execute the Work Authorization Number 5 to the Professional Services Agreement for Surveying Services with Melden & Hunt as approved.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

Exhibit A

Work Authorization Number 5
to
Professional Service Agreements
with
Melden & Hunt
for
Surveying Services
for the
International Bridge Trade Corridor

◆ Contract ◆

**Hidalgo County
Regional Mobility Authority
(HCRMA)(Authority)**

**SURVEYING SERVICES IBTC
Interchange with SH 365 to I-2 and
from the ValleyView Interchange to
FM 493**

Work Authorization No. 5

February 23, 2016

Melden & Hunt, Inc.

WORK AUTHORIZATION NO. 5

ATTACHMENT D-1

**WORK AUTHORIZATION NO. 5
AGREEMENT FOR SURVEYING SERVICES**

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of “Article V of that certain Professional Services Agreement for Surveying Services” (the Agreement) entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and Melden & Hunt, Inc. (the Surveyor).

PART I. The Surveyor will perform surveying services generally described as in accordance with the project description attached hereto and made a part of this Work Authorization. The responsibilities of the Authority and the Surveyor as well as the work schedule are further detailed in Exhibits A, B and C which are attached hereto and made a part of the Work Authorization.

PART II. The maximum amount payable under this Work Authorization is \$4,476.50 and the method of payment is **Lump Sum**, as set forth in Attachment E of the Agreement. This amount is based upon fees set forth in Attachment E, Fee Schedule, of the Agreement and the Surveyor’s estimated Work Authorization costs included in Exhibit D, Fee Schedule, which is attached and made a part of this Work Authorization.

PART III. Payment to the Surveyor for the services established under this Work Authorization shall be made in accordance with Articles III thru V of the Agreement, and Attachment A, Section 1.

PART IV. This Work Authorization shall become effective on the date of final acceptance of the parties hereto and shall terminate on April 30, 2016, unless extended by a supplemental Work Authorization as provided in Attachment A, Section 1.

PART V. This Work Authorization does not waive the parties' responsibilities and obligations provided under “Article V of that certain Professional Services Agreement for Surveying Services for INTERNATIONAL BRIDGE TRADE CORRIDOR (IBTC) Segment 0010 project from the Interchange with SH 365 to I-2 and from the Valleyview Interchange to FM 493.

IN WITNESS WHEREOF, this Work Authorization is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE SURVEYOR

THE AUTHORITY

(Signature)
Robert Tamez

(Printed Name)
Vice-President

(Title)

(Date)

(Signature)
Pilar Rodriguez, P.E.

(Printed Name)
Executive Director

(Title)

(Date)

LIST OF EXHIBITS

- | | |
|-------------|--|
| Exhibit A | Services to be provided by the Authority |
| Exhibit B | Services to be provided by the Surveyor |
| Exhibit C | Work Schedule |
| Exhibit D | Fee Schedule/Budget |
| Exhibit H-2 | Subprovider Monitoring System Commitment Agreement |

EXHIBIT A
SERVICES TO BE PROVIDED BY THE AUTHORITY

EXHIBIT A
SERVICES TO BE PROVIDED BY THE AUTHORITY

Project Map.

ROW Map – ROW widths, other land, ownership, survey information.

Ownership information of adjacent tracts.

Intersecting ROW information, documentation, construction plans of existing utilities if available.

Construction plans of existing facilities if available.

Intended use of the survey and required form of deliverables, files required, etc.

Accuracy required and method of display.

Horizontal and vertical datum upon where the survey should be based (if varies from TxDOT).

Research on subject tracts/parcel ownership aerial photographs.

Title Report for Parent\Ownership Tracts within Project.

Boundary Survey, (data files) of Original Survey Lines Subdivisions, and Parent Tracts within Project. Includes found monumentation.

EXHIBIT B
SERVICES TO BE PROVIDED BY THE SURVEYOR

EXHIBIT B
SERVICES TO BE PROVIDED BY THE SURVEYOR

Survey Scope of Work: McMillan/Neischweitz easements

- The surveyor shall survey the irrigation lines out of Parcels 240 and 241 of the IBTC Project as described by the property owner(s).

- The surveyor shall prepare documents with a plat and metes and bounds descriptions showing the proposed easements along the irrigation line(s).

EXHIBIT C
WORK SCHEDULE

EXHIBIT D
FEE SCHEDULE BUDGET

Prime: Melden & Hunt, Inc.
 Survey Services for the HCRMA
 Work Authorization No. 5
 Schedule Duration: 1 week

EXHIBIT 'D'
Fee Schedule/Budget for
Hidalgo County Regional Mobility Authority (HCRMA)
Work Authorization No. 5
IBTC Surveying Services

LIMITS: Parcels 240 and 241 Easements

SURVEY SERVICES DESCRIPTION	Principal / Sr. Manager / Senior survey Manager	Project Surveyor (RPLS)	Senior Survey Tech / SIT	Survey Technician	CADD Operator	Clerical / Admin.	Abstractor	1-Person Survey Crew	2-Person Survey Crew	3-Person Survey Crew	4-Person Survey Crew	Total Labor Hrs.	Remarks	Task Cost
Coordination, Admin, Research and Abstracting	5					1						6		\$ 1,050.00
Field Work			0.5	4		2			3			4		\$ 442.50
Office Work / Delivery Preparation												6		\$ 400.00
Subtotal	5	0	0.5	4	0	3	0	0	3	0	0	16		\$ 1,892.50
McMillan and Neischweitz Easements												0		\$ -
Research												0		\$ -
Field Work	1		1							3		5		\$ 809.00
CAD Work	4			13								17		\$ 1,775.00
Subtotal	5	0	1	13	0	0	0	0	0	3	0	22		\$ 2,584.00
Total Manhours by Classification	10	0	2	17	0	3	0	0	3	3	0	38		
Contract Hourly Rate by Classification	\$ 200.00	\$ 150.00	\$ 105.00	\$ 75.00	\$ 65.00	\$ 50.00	\$ 65.00	\$ 80.00	\$ 130.00	\$ 168.00	\$ 198.00			
Total Fee by Classification	\$ 2,000.00	\$ -	\$ 157.50	\$ 1,275.00	\$ -	\$ 150.00	\$ -	\$ -	\$ 390.00	\$ 504.00	\$ -	\$ 4,476.50		
% Utilization by Over 6 months	0.96%	0.00%	0.14%	1.64%	0.00%	0.29%	0.00%	0.00%	0.29%	0.29%	0.00%		CHECK (MHRs):	38
% of Total Labor Hours	26.67%	0.00%	4.00%	45.33%	0.00%	8.00%	0.00%	0.00%	8.00%	8.00%	0.00%	100.00%	CHECK (LABOR):	
% of Total Labor Cost	44.68%	0.00%	3.52%	28.48%	0.00%	3.35%	0.00%	0.00%	8.71%	11.26%	0.00%	100.00%	\$	4,476.50
TOTAL DIRECT LABOR COST														\$ 4,476.50
DIRECT EXPENSES	Rate	Unit	Amount	Total										
Mileage	\$ 0.56	Mile	0	\$ -									\$	-
Photocopies	\$ 0.10	Sheet	0	\$ -									\$	-
Blue/Blackline Prints	\$ 2.00	Sheet	0	\$ -									\$	-
Deed/Copies	\$ 1.00	Sheet	0	\$ -									\$	-
Certified Deed Copies	\$ 2.00	Sheet	0	\$ -									\$	-
Mylar (11x17)	\$ 3.00	Sheet	0	\$ -									\$	-
Mylar (22x34)	\$ 6.00	Sheet	0	\$ -									\$	-
TOTAL DIRECT EXPENSES				\$ -										\$ -
SPECIAL SERVICES FEE (SUBCONSULTANTS)														DBE Participation
Name	Task(s) Summary													0.00%
TOTAL SPECIAL SERVICES FEE (SUBCONSULTANTS)														\$ -
GRAND TOTAL														\$ 4,476.50

EXHIBIT H-2
Subprovider Monitoring System Commitment Agreement

EXHIBIT H-2
Subprovider Monitoring System Commitment Agreement

This commitment agreement is subject to the award and receipt of a signed contract from the Hidalgo County Regional Mobility Authority (Authority). **NOTE: Attachment H-2 is required to be attached to each contract that does not include work authorizations. Attachment H-2 is required to be attached with each work authorization. Attachment H-2 is also required to be attached to each supplemental work authorization. If DBE/HUB Subproviders are used, the form must be completed and signed. If no DBE/HUB Subproviders are used, indicate with "N/A" on this line:** _____ **and attach with the work authorization or supplemental work authorization.**

Contract #: _____ Assigned Goal: 0.0% Prime Provider Melden & Hunt, Inc.

Work Authorization (WA)#: 5 WA Amount: \$4,476.50 Date: _____

Supplemental Work Authorization (SWA) #: _____ to WA #: _____ SWA Amount: _____

Revised WA Amount: _____

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
Survey	\$4,476.50
FC	\$0
Total Commitment Amount <i>(Including all additional pages.)</i>	\$0

IMPORTANT: The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.

Provider Name: Melden & Hunt, Inc. Address: 115 W McIntyre Edinburg, Tx 78539 VID Number: 17417379595 PH: (956) 381-0981; FX: (956) 381-1839 Email: robert@meldenandhunt.com	Name: <u>Robert Tamez</u> <i>(Please Print)</i> Title: <u>Vice-President</u> Signature Date
DBE/HUB Sub Provider Subprovider Name: VID Number: Address: PH: FX: Email:	Name: _____ <i>(Please Print)</i> Title: _____ Signature Date
DBE/HUB Sub Provider Subprovider Name: VID Number: Address: PH: FX: Email:	Name: _____ <i>(Please Print)</i> Title: _____ Signature Date

Item 21

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 21 </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 2/11/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 2/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-28 – APPROVAL OF WORK AUTHORIZATION NUMBER 6 TO THE PROFESSIONAL SERVICE AGREEMENT WITH MELDEN & HUNT TO REVISE PARCEL 48 INTO PARCELS 48A & 48B FOR THE ETT CROSS VALLEY PROJECT AS PART OF THE INTERNATIONAL BRIDGE TRADE CORRIDOR PROJECT.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No
Consideration and Approval of Work Authorization Number 6 for Parcel Split 48A & 48B

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: X Yes No N/A

5. Staff Recommendation: **Motion To Approve Resolution 2016- 28 – Authorization Number 6 To The Professional Service Agreement With Melden & Hunt To Revise Parcel 48 Into Parcels 48A & 48B For The ETT Cross Valley Project As Part of the International Bridge Trade Corridor Project.**

6. Program Manager’s Recommendation: X Approved Disapproved None

7. Planning Committee’s Recommendation: Approved Disapproved X None

8. Board Attorney’s Recommendation: Approved Disapproved X None

9. Chief Auditor’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Executive Director’s Recommendation: X Approved Disapproved None



- Environmental
- Engineering
- Geo-Technical
- Surveying **Melden & Hunt**

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2016-28

Work Authorization # 6

Supplemental # _____ to WA # _____

Supplemental # _____

Amount: \$ 3,718.50

Approved Amendments:

Resolution No.	Description	Amount
2014	Work Authorization Number 1	\$ 26,210.00
2014	Work Authorization Number 2	\$ 5,542.00
2016-01	Work Authorization Number 3	\$ 4,968.00
Subtotal from Cont. Page		<u>\$ 0.00</u>
Contract Amount		\$ 36,720.00
Proposed Amendment		
2016-28	ETT Parcel 48 Split into 48A & 48B	\$ 3,718.50

Goal and Options:

Work Authorization Number 6

As part of the International Bridge Trade Corridor, Melden & Hunt is to provide parcel 48 split into 48A & 48B.

Staff is recommending approval of this request in the amount of \$ 3,718.50
Proposed Revised Contract Amount of \$ 40,438.50

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2016 – 28

**APPROVAL OF WORK AUTHORIZATION NUMBER 6 TO THE
PROFESSIONAL SERVICE AGREEMENT WITH MELDEN &
HUNT TO REVISE PARCEL 48 INTO PARCELS 48A & 48B FOR
THE ETT CROSS VALLEY PROJECT AS PART OF THE
INTERNATIONAL BRIDGE TRADE CORRIDOR PROJECT**

THIS RESOLUTION is adopted this 23rd day of February, 2016 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”);

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 22, 2012 the Authority approved Resolution 2012-04, which created the Technical Committee, comprised of senior level engineers and professional from various communities and agencies in the jurisdiction of the Authority, to serve to advise the Board on procurement and consultant work products; and

WHEREAS, Resolution 2012-04 also authorized the Executive Committee to determine the size, structure and scope of the Technical Committee, identify candidates and issue requests for participation; and

WHEREAS, Resolution 2013-41 authorized the use and structure of the Technical Committee to rate, rank and recommend a short list to the Board of Directors for the Statements of Qualifications for the International Bridge Trade Corridor Project for Engineering, Surveying and Geotechnical Services; and

WHEREAS, the Technical Committee has rated and ranked the Statements of Qualifications for the International Bridge Trade Corridor Project for Surveying Services and recommended that HCRMA staff be authorized to negotiate with all qualified Surveying Firms to establish a surveying pool for the project; and

WHEREAS, on November 20, 2014, the Board of Directors authorized staff to negotiate professional services agreements with Half Associates, RODS Surveying, Quintanilla, Headley & Associates, Land Tech Consultants, R. Gutierrez Engineering, Melden & Hunt, DOS Land Surveying, SAMES, Bain Medina Bain, ROW Surveying Services and Fulcrum Consulting Services; and

WHEREAS, on June 18, 2014, the Authority awarded professional service agreements to Halff Associates, RODS Surveying, Quintanilla, Headley & Associates, Land Tech Consultants, R. Gutierrez Engineering, Melden & Hunt, DOS Land Surveying, SAMES, Bain Medina Bain, ROW Surveying Services and Fulcrum Consulting Services for surveying services for the International Bridge Trade Corridor Project; and

WHEREAS, on June 18, 2014, the Authority approved Work Authorization Number 1 to the Professional Service Agreement with Melden & Hunt to prepare 8 parcel plats and descriptions in the amount of \$26,210.00; and

WHEREAS, staff has negotiated Work Authorization Number 2 to the Professional Service Agreement with Melden & Hunt to provide select topography along the Donna Irrigation District Main Canal as part of the International Bridge Trade Corridor Project; and

WHEREAS, on August 27, 2014 the Authority approved Work Authorization Number 2 to the Professional Service Agreement with Melden & Hunt to provide select topography along the Donna Irrigation District Main Canal in the amount of \$5,542.00; and

WHEREAS, on January 26, 2016, the Authority approved Work Authorization Number 3 to the Professional Service Agreement with Melden & Hunt to provide metes & bounds for parcel 267 in the amount of \$4,968.00; and

WHEREAS, the Authority has determined it is necessary to approve Work Authorization Number 6 to the Professional Service Agreement with Melden & Hunt to revise parcel 48 into parcels 48A & 48B in the amount of \$3,718.50;

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby approves Work Authorization Number 6 to the Professional Service Agreements for Surveying Services with Melden & Hunt, hereto attached as Exhibit A.

Section 3. The Board authorizes the Executive Director to execute the Work Authorization Number 6 to the Professional Services Agreement for Surveying Services with Melden & Hunt as approved.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

Exhibit A

Work Authorization Number 6
to
Professional Service Agreements
with
Melden & Hunt
for
Surveying Services
for the
International Bridge Trade Corridor

◆ Contract ◆

**Hidalgo County
Regional Mobility Authority
(HCRMA)(Authority)**

**SURVEYING SERVICES IBTC
Interchange with SH 365 to I-2 and
from the ValleyView Interchange to
FM 493**

Work Authorization No. 6

February 23, 2016

Melden & Hunt, Inc.

WORK AUTHORIZATION NO. 6

ATTACHMENT D-1

**WORK AUTHORIZATION NO. 6
AGREEMENT FOR SURVEYING SERVICES**

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of “Article V of that certain Professional Services Agreement for Surveying Services” (the Agreement) entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and Melden & Hunt, Inc. (the Surveyor).

PART I. The Surveyor will perform surveying services generally described as in accordance with the project description attached hereto and made a part of this Work Authorization. The responsibilities of the Authority and the Surveyor as well as the work schedule are further detailed in Exhibits A, B and C which are attached hereto and made a part of the Work Authorization.

PART II. The maximum amount payable under this Work Authorization is \$3,718.50 and the method of payment is **Lump Sum**, as set forth in Attachment E of the Agreement. This amount is based upon fees set forth in Attachment E, Fee Schedule, of the Agreement and the Surveyor’s estimated Work Authorization costs included in Exhibit D, Fee Schedule, which is attached and made a part of this Work Authorization.

PART III. Payment to the Surveyor for the services established under this Work Authorization shall be made in accordance with Articles III thru V of the Agreement, and Attachment A, Section 1.

PART IV. This Work Authorization shall become effective on the date of final acceptance of the parties hereto and shall terminate on April 30, 2016, unless extended by a supplemental Work Authorization as provided in Attachment A, Section 1.

PART V. This Work Authorization does not waive the parties' responsibilities and obligations provided under “Article V of that certain Professional Services Agreement for Surveying Services for INTERNATIONAL BRIDGE TRADE CORRIDOR (IBTC) Segment 0010 project from the Interchange with SH 365 to I-2 and from the Valleyview Interchange to FM 493.

IN WITNESS WHEREOF, this Work Authorization is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE SURVEYOR

THE AUTHORITY

(Signature)
Robert Tamez

(Printed Name)
Vice-President

(Title)

(Date)

(Signature)
Pilar Rodriguez, P.E.

(Printed Name)
Executive Director

(Title)

(Date)

LIST OF EXHIBITS

- | | |
|-------------|--|
| Exhibit A | Services to be provided by the Authority |
| Exhibit B | Services to be provided by the Surveyor |
| Exhibit C | Work Schedule |
| Exhibit D | Fee Schedule/Budget |
| Exhibit H-2 | Subprovider Monitoring System Commitment Agreement |

EXHIBIT A
SERVICES TO BE PROVIDED BY THE AUTHORITY

EXHIBIT A
SERVICES TO BE PROVIDED BY THE AUTHORITY

Project Map.

ROW Map – ROW widths, other land, ownership, survey information.

Ownership information of adjacent tracts.

Intersecting ROW information, documentation, construction plans of existing utilities if available.

Construction plans of existing facilities if available.

Intended use of the survey and required form of deliverables, files required, etc.

Accuracy required and method of display.

Horizontal and vertical datum upon where the survey should be based (if varies from TxDOT).

Research on subject tracts/parcel ownership aerial photographs.

Title Report for Parent\Ownership Tracts within Project.

Boundary Survey, (data files) of Original Survey Lines Subdivisions, and Parent Tracts within Project. Includes found monumentation.

EXHIBIT B
SERVICES TO BE PROVIDED BY THE SURVEYOR

EXHIBIT B
SERVICES TO BE PROVIDED BY THE SURVEYOR

Survey Scope of Work: Parcel 48A and 48B

- The surveyor shall survey Parcels 48A and 48B of the IBTC Project as described by the property owner(s).

- The surveyor shall prepare documents with a plat and metes and bounds descriptions showing the proposed easements.

EXHIBIT C
WORK SCHEDULE

EXHIBIT D
FEE SCHEDULE BUDGET

EXHIBIT 'D'
Fee Schedule/Budget for
Hidalgo County Regional Mobility Authority (HCRMA)
Work Authorization No. 6
SH 385 Surveying Services
LIMITS: Parcels 48A and 48B

Prime: Melden & Hunt, Inc.
 Survey Services for the HCRMA
 Work Authorization No. 6
 Schedule Duration: 11 days

SURVEY SERVICES DESCRIPTION	Principal / Sr. Manager / Senior survey Manager	Project Surveyor (RPLS)	Senior Surveyor Tech / SIT	Survey Technician	CADD Operator	Clerical / Admin.	Abstractor	1-Person Survey Crew	2-Person Survey Crew	3-Person Survey Crew	4-Person Survey Crew	Total Labor Hrs.	Remarks	Task Cost
Coordination, Admin, Research and Abstracting	2		1			1						3		\$ 450.00
Field Work			1									1		\$ 105.00
Office Work / Delivery Preparation														
Subtotal	2	0	1	0	0	1	0	0	0	0	0	4		\$ 555.00
Revised Parcel 48 to 48A and 48B														
Research			2.5		2		4					0		\$ 652.50
Field Work			1					12				13		\$ 2,121.00
CAD Work					6							6		\$ 380.00
Subtotal	0	0	3.5	0	8	0	4	12	0	0	0	28		\$ 3,163.50
Total Manhours by Classification	2	0	5	0	8	1	4	12	0	0	0	32		
Contract Hourly Rate by Classification	\$ 200.00	\$ 150.00	\$ 105.00	\$ 75.00	\$ 65.00	\$ 50.00	\$ 65.00	\$ 80.00	\$ 130.00	\$ 168.00	\$ 198.00	\$ 3,718.50		
Total Fee by Classification	\$ 400.00	\$ -	\$ 472.50	\$ -	\$ 520.00	\$ 50.00	\$ 260.00	\$ -	\$ -	\$ 2,016.00	\$ -	\$ -		
% Utilization by Over 6 months	0.19%	0.00%	0.43%	0.00%	0.77%	0.10%	0.39%	0.00%	0.00%	1.16%	0.00%	3.71%		
% of Total Labor Hours	6.35%	0.00%	14.29%	0.00%	25.40%	3.17%	12.70%	0.00%	0.00%	38.10%	0.00%	100.00%		
% of Total Labor Cost	10.76%	0.00%	12.71%	0.00%	13.98%	1.34%	6.99%	0.00%	0.00%	54.22%	0.00%	100.00%		
TOTAL DIRECT LABOR COST														\$ 3,718.50
DIRECT EXPENSES														
Message														
Photocopies	\$ 0.56	Mile	0	Total										
Blue/Ink/Blackline Prints	\$ 0.10	Sheet	0											
Blue/Ink/Blackline Prints	\$ 2.00	Sheet	0											
Deed/Copies	\$ 1.00	Sheet	0											
Certified Deed Copies	\$ 2.00	Sheet	0											
Mylar (11x17)	\$ 3.00	Sheet	0											
Mylar (22x34)	\$ 6.00	Sheet	0											
TOTAL DIRECT EXPENSES														\$ -
SPECIAL SERVICES FEE (SUBCONSULTANTS)														\$ -
Task(s) Summary														\$ -
TOTAL SPECIAL SERVICES FEE (SUBCONSULTANTS)														\$ -
GRAND TOTAL														\$ 3,718.50

EXHIBIT H-2
Subprovider Monitoring System Commitment Agreement

EXHIBIT H-2
Subprovider Monitoring System Commitment Agreement

This commitment agreement is subject to the award and receipt of a signed contract from the Hidalgo County Regional Mobility Authority (Authority). **NOTE: Attachment H-2 is required to be attached to each contract that does not include work authorizations. Attachment H-2 is required to be attached with each work authorization. Attachment H-2 is also required to be attached to each supplemental work authorization. If DBE/HUB Subproviders are used, the form must be completed and signed. If no DBE/HUB Subproviders are used, indicate with "N/A" on this line:** _____ **and attach with the work authorization or supplemental work authorization.**

Contract #: _____ Assigned Goal: 0.0% Prime Provider Melden & Hunt, Inc.

Work Authorization (WA)#: 6 WA Amount: \$3,718.50 Date: _____

Supplemental Work Authorization (SWA) #: _____ to WA #: _____ SWA Amount: _____

Revised WA Amount: _____

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
Survey	\$3,718.50
FC	\$0
Total Commitment Amount <i>(Including all additional pages.)</i>	\$0

IMPORTANT: The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.

Provider Name: Melden & Hunt, Inc. Address: 115 W McIntyre Edinburg, Tx 78539 VID Number: 17417379595 PH: (956) 381-0981; FX: (956) 381-1839 Email: <u>robert@meldenandhunt.com</u>	Name: <u>Robert Tamez</u> <i>(Please Print)</i> Title: <u>Vice-President</u> Signature Date
DBE/HUB Sub Provider Subprovider Name: VID Number: Address: PH: FX: Email:	Name: _____ <i>(Please Print)</i> Title: _____ Signature Date
DBE/HUB Sub Provider Subprovider Name: VID Number: Address: PH: FX: Email:	Name: _____ <i>(Please Print)</i> Title: _____ Signature Date

Item 2J

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 2J </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 2/11/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 2/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-29 – APPROVAL OF SUPPLEMENTAL NUMBER 4 TO THE PROFESSIONAL SERVICE AGREEMENT WITH MELDEN & HUNT TO INCREASE THE MAXIMUM PAYABLE AMOUNT FOR WORK AUTHORIZATIONS 5 & 6.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No

Consideration and Approval of Supplemental Number 4 To Increase The Maximum Payable Amount For Work Authorizations 5 & 6.

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: X Yes No N/A

5. Staff Recommendation: **Motion To Approve Resolution 2016- 29 – Supplemental Number 4 To The Professional Service Agreement With Melden & Hunt To Increase The Maximum Payable Amount For Work Authorizations 5 & 6.**

6. Program Manager’s Recommendation: X Approved Disapproved None

7. Planning Committee’s Recommendation: Approved Disapproved X None

8. Board Attorney’s Recommendation: Approved Disapproved X None

9. Chief Auditor’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Executive Director’s Recommendation: X Approved Disapproved None



- Environmental
- Engineering
- Geo-Technical
- Surveying **Melden & Hunt**

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2016-29

Work Authorization # _____

Supplemental # _____ to WA # _____

Supplemental # 4

Amount: \$ 8,195.00

Approved Amendments:

Resolution No.	Description	Amount
2014	Work Authorization Number 1	\$ 26,210.00
2014	Work Authorization Number 2	\$ 5,542.00
2016	Supplemental # 3	\$ 3,795.00

Subtotal from Cont. Page \$ 0.00

Contract Amount **\$ 35,547.00**

Proposed Amendment

2016-29	Increase the maximum payable amount for 5&6	\$ 8,195.00
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Goal and Options:

Supplemental Number 3

To increase the maximum payable amount for Work Authorizations 5 & 6.

Staff is recommending approval of this request in the amount of \$ 8,195.00

Proposed Revised Contract Amount of \$ 43,742.00

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2016 – 29

**APPROVAL OF SUPPLEMENTAL NUMBER 4 TO THE
PROFESSIONAL SERVICE AGREEMENT WITH MELDEN &
HUNT TO INCREASE THE MAXIMUM PAYABLE AMOUNT
FOR WORK AUTHORIZATIONS 5 & 6**

THIS RESOLUTION is adopted this 23rd day of February, 2016 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”);

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 22, 2012 the Authority approved Resolution 2012-04, which created the Technical Committee, comprised of senior level engineers and professional from various communities and agencies in the jurisdiction of the Authority, to serve to advise the Board on procurement and consultant work products; and

WHEREAS, Resolution 2012-04 also authorized the Executive Committee to determine the size, structure and scope of the Technical Committee, identify candidates and issue requests for participation; and

WHEREAS, Resolution 2013-41 authorized the use and structure of the Technical Committee to rate, rank and recommend a short list to the Board of Directors for the Statements of Qualifications for the International Bridge Trade Corridor Project for Engineering, Surveying and Geotechnical Services; and

WHEREAS, the Technical Committee has rated and ranked the Statements of Qualifications for the International Bridge Trade Corridor Project for Surveying Services and recommended that HCRMA staff be authorized to negotiate with all qualified Surveying Firms to establish a surveying pool for the project; and

WHEREAS, on November 20, 2014, the Board of Directors authorized staff to negotiate professional services agreements with Half Associates, RODS Surveying, Quintanilla, Headley & Associates, Land Tech Consultants, R. Gutierrez Engineering, Melden & Hunt, DOS Land Surveying, SAMES, Bain Medina Bain, ROW Surveying Services and Fulcrum Consulting Services; and

WHEREAS, on June 18, 2014, the Authority awarded professional service agreements to Halff Associates, RODS Surveying, Quintanilla, Headley & Associates, Land Tech Consultants, R. Gutierrez Engineering, Melden & Hunt, DOS Land Surveying, SAMES, Bain Medina Bain, ROW Surveying Services and Fulcrum Consulting Services for surveying services for the International Bridge Trade Corridor Project; and

WHEREAS, on June 18, 2014, the Authority approved Work Authorization Number 1 to the Professional Service Agreement with Melden & Hunt to prepare 8 parcel plats and descriptions in the amount of \$26,210.00; and

WHEREAS, staff has negotiated Work Authorization Number 2 to the Professional Service Agreement with Melden & Hunt to provide select topography along the Donna Irrigation District Main Canal as part of the International Bridge Trade Corridor Project; and

WHEREAS, on August 27, 2014 the Authority approved Work Authorization Number 2 to the Professional Service Agreement with Melden & Hunt to provide select topography along the Donna Irrigation District Main Canal in the amount of \$5,542.00;

WHEREAS, on January 26, 2016 the Authority approved Supplemental Number 3 to the Professional Service Agreement with Melden & Hunt to increase the maximum payable amount for Work Authorizations 3 & 4 in the amount of \$37,959.00; and

WHEREAS, the Authority has determined it is necessary to approve Supplemental Number 4 to the Professional Service Agreement with Melden & Hunt to increase the maximum payable amount for Work Authorizations 5 & 6 in the amount of \$8,195.00;

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby approves Supplemental Number 4 to the Professional Service Agreements for Surveying Services with Melden & Hunt, hereto attached as Exhibit A.

Section 3. The Board authorizes the Executive Director to execute the Supplemental Number 4 to the Professional Services Agreement for Surveying Services with Melden & Hunt as approved.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

Exhibit A

Supplemental Number 4
to
Professional Service Agreements
with
Melden & Hunt
for
Surveying Services

◆ Contract ◆

**Hidalgo County
Regional Mobility Authority
(HCRMA)(Authority)**

**SURVEYING SERVICES IBTC
Interchange with SH 365 to I-2 and
from the ValleyView Interchange to
FM 493**

SA No. 4 to Main Contract

February 23, 2016

Melden & Hunt, Inc.

SUPPLEMENTAL AGREEMENT NO. 4

**SUPPLEMENTAL AGREEMENT NO. 4
TO PROFESSIONAL SERVICES
AGREEMENT FOR ENGINEERING / DESIGN SERVICES**

THIS SUPPLEMENTAL AGREEMENT NO 4 TO MAIN CONTRACT is made pursuant to the terms and conditions of “Article III Compensation and Attachment A General Provisions Section 6 Supplemental Agreements of that certain Professional Services Agreement for Engineering Design Services” hereinafter identified as the “Agreement,” entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and Melden & Hunt, Inc. (the Engineer).

The following terms and conditions of the Agreement are hereby amended as follows:

Article III Compensation

Article III Compensation shall be amended to increase the amount payable under this contract from \$74,553.00 to \$82,748.00 for a total increase of \$8,195.00 due to additional scope and effort outlined in Work Authorization No. 5 and Work Authorization No. 6.

This Supplemental Agreement No. 4 to the Main Contract shall become effective on the date of final execution of the parties hereto. All other terms and conditions of the Agreement not hereby amended are to remain in full force and effect.

IN WITNESS WHEREOF, this Supplemental Agreement is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE ENGINEER

THE AUTHORITY

(Signature)

(Printed Name)

(Title)

(Date)

(Signature)

(Printed Name)

(Title)

(Date)

Item 3A

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 3A </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 2/15/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 2/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-15 – APPROVAL OF CONCRETE PAVEMENT AS THE BASE BID FOR THE STATE HIGHWAY 365 SEGMENT 1 & 2 PROJECT.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No
Consideration and approval of concrete pavement as the base bid for the State Highway 365 Segment 1 & 2 Project.

3. Policy Implication: Board Policy, Local Government, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: Yes No X N/A Funding Source:

5. Staff Recommendation: **Motion to approve Resolution 2016-15 – Approval of Concrete Pavement as the Base Bid for the State Highway 365 Segment 1 & 2 Project.**

6. Program Manager's Recommendation: X Approved Disapproved None

7. Construction Engineer's Recommendation: X Approved Disapproved None

8. Chief Auditor's Recommendation: Approved Disapproved X None

9. Board Attorney's Recommendation: Approved Disapproved X None

10. Chief Financial Officer's Recommendation: Approved Disapproved X None

11. Executive Director's Recommendation: X Approved Disapproved None

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Item 3B

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 3B </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 02/12/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 02/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-16 APPROVAL OF SUPPLEMENTAL NUMBER 4 TO WORK AUTHORIZATION NUMBER 2 TO THE PROFESSIONAL SERVICE AGREEMENT WITH S&B INFRASTRUCTURE TO REVISE THE PLANS, SPECIFICATIONS AND ESTIMATES TO INCLUE CONCRETE PAVEMENT FOR THE STATE HIGHWAY 365 SEGMENT 1 PROJECT.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No

Consideration and Approval of Supplemental Number 4 to Work Authorization Number 2 to the Professional Service Agreement with S&B Infrastructure to revise the Plans, Specifications and Estimates to include concrete pavement for the State Highway 365 Segment 1 Project.

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: Yes No X N/A

5. Staff Recommendation: **Motion to approve Resolution 2016-16 – Supplemental Work Authorization Number 4 to Work Authorization Number 2 for State Highway 365 with S&B Infrastructure for implementing concrete paving design in the amount of \$101,638.21 as presented.**

6. Program Manager’s Recommendation: X Approved Disapproved None

7. Planning Committee’s Recommendation: Approved Disapproved X None

8. Board Attorney’s Recommendation: Approved Disapproved X None

9. Chief Auditor’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Construction Engineer’s Recommendation: X Approved Disapproved None

12. Executive Director’s Recommendation: X Approved Disapproved None



- Environmental
- Engineering **S&B Infrastructure**
- Geo-Technical
- Surveying

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2016-16

- Work Authorization # _____
- Supplemental # 4 to WA # 2
- Supplemental # _____

Amount: \$ 101,638.21

Approved Amendments:

Resolution No.	Description	Amount
	Route Design Studies	\$ 887,287.51
2013-63	WA2 Final PSE	\$ 3,611,450.16
2015-34	WA2 Supplemental 1, Irrigation Details	\$ 100,244.60
2015-53	WA2 Supplemental 2, Steel Bridge Design	\$ 415,016.03
Subtotal from Cont. Page		<u>\$ 0.00</u>
Contract Amount		\$ 5,013,998.30

Proposed Amendment		
2016-16	WA2 Supplemental 4 PS&E Concrete Pavement	\$ 101,638.21

Goal and Options:

Supplemental Work Authorization Number 4 to Work Authorization Number 2 for State Highway 365 with S&B Infrastructure for implementing concrete paving design in the amount of \$101,638.21 for a revised maximum payable amount of \$5,115,636.51.

Staff is recommending approval of this request in the amount of \$ 101,638.21
Proposed Revised Contract Amount of \$ 5,115,636.51

Approved Amendments Cont...

Resolution No. 2016-16

Requisition No.

Description

Amount

Subtotal \$ 0.00

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2016 – 16

**APPROVAL OF SUPPLEMENTAL NUMBER 4 TO WORK
AUTHORIZATION NUMBER 2 TO PROFESSIONAL SERVICES
AGREEMENT WITH S&B INFRASTRUCTURE TO REVISE THE
PLANS, SPECIFICATIONS AND ESTIMATES TO INCLUDE
CONCRETE PAVEMENT FOR THE STATE HIGHWAY 365
SEGMENT 1 PROJECT**

THIS RESOLUTION is adopted this 23th day of February, 2016 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”); and

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County; and

WHEREAS, on April 13, 2011, the Authority awarded a professional service agreement for engineering services to S&B Infrastructure (the “Consultant”) for design work, including plans, specifications, and estimates, for the Trade Corridor Connector (“SH 365 TCC”) and on May 2, 2012, by Resolution 2012-11, the Authority amended and restated that agreement (the “Amended and Restated Agreement”) in the maximum payable amount of \$4,363,952.78; and

WHEREAS, pursuant to Resolution 2012-11, the Authority approved Work Authorization Number 1 under the Amended and Restated Agreement in the amount of \$887,287.51; and

WHEREAS, on November 21, 2012, the Authority Amended and Restated the professional service agreement with the Consultant to perform plans, specifications and estimates for the revised State Highway 365 (SH 365) project limits from East of McColl Road (Project Station 986+00) to US 281/Military Highway and to revise the DBE/HUB reporting requirements in the amount of \$350,386.28. The Consultants maximum payable amount was revised from \$4,363,952.78 to \$4,714,339.28 and Work Authorization Number 1 remained in the amount of \$887,287.51; and

WHEREAS, on December 18, 2013, the Authority approved Work Authorization Number 2 to the Professional Service Agreement with S&B Infrastructure for final plans, specifications and estimates for the SH 365 Project from McColl Road to US 281/Military Highway in the amount of \$3,611,450.28; and

WHEREAS, on June 23, 2015, the Authority approved Supplemental Number 1 to Work Authorization Number 2 to the Professional Service Agreement with S&B Infrastructure to provide irrigation details for the SH 365 Project from McColl Road to US 281/Military Highway in the amount of \$100,244.60; and

WHEREAS, on July 28, 2015, the Authority approved Supplemental Number 1 to Work Authorization Number 1 to the Professional Service Agreement with S&B Infrastructure for a no-cost time extension for State Highway 365 Segment 1 Schematics and Route Studies; and

WHEREAS, the Authority has determined it is necessary to approve Supplemental Number 2 to Work Authorization Number 2 to the Professional Service Agreement with S&B Infrastructure to provide "I" Road Steel Bridge Design for the State Highway 365 Segment 1 Project in the amount of \$415,016.03; and

WHEREAS, on February 23, 2016, the Authority approved Supplemental Number 4 to Work Authorization Number 2 to the Professional Service Agreement with S&B Infrastructure to revise the Plans, Specifications and Estimates to include concrete pavement for the State Highway 365 Segment 1 Project in the amount of \$101, 638.21; and

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS
OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

- Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.
- Section 2. The Board hereby approves Supplemental Number 4 to Work Authorization Number 2 to the Professional Service Agreement with S&B Infrastructure to revise the Plans, Specifications and Estimates to include concrete pavement for the State Highway 365 Segment 1 Project in the amount of \$101, 638.21 attached hereto as Exhibit A.
- Section 3. The Board authorizes the Executive Director to execute the Supplemental Number 4 to Work Authorization Number 2 as approved.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

EXHIBIT A

SUPPLEMENTAL NUMBER 4 TO WORK AUTHORIZATION NUMBER 2
TO
AMENDED AND RESTATED PROFESSIONAL SERVICE AGREEMENT WITH
S&B INFRASTRUCTURE

EXHIBIT A

SUPPLEMENTAL NUMBER 4 TO WORK AUTHORIZATION NUMBER 2
TO
AMENDED AND RESTATED PROFESSIONAL SERVICE AGREEMENT WITH
S&B INFRASTRUCTURE

◆ Contract ◆

**Hidalgo County
Regional Mobility Authority
(HCRMA)(Authority)**

ENGINEERING / DESIGN SERVICES

For SH 365 Segment 0031

From just East of McColl Rd.

At Approx. STA 986+00

To US 281 Military Highway

SWA No. 4 to WA No. 2

January 26, 2016

S&B Infrastructure, LTD

SWA No. 4 to WA No. 2
ATTACHMENT D-2
SUPPLEMENTAL WORK AUTHORIZATION NO. 4
TO WORK AUTHORIZATION NO. 2
AGREEMENT FOR ENGINEERING SERVICES

THIS SUPPLEMENTAL WORK AUTHORIZATION is made pursuant to the terms and conditions of “Article V of that certain Professional Services Agreement for Engineering Design Services” hereinafter identified as the “Agreement,” entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and S&B Infrastructure, LTD (the Engineer).

The following terms and conditions of Work Authorization No. 2 are hereby amended as follows:

Part I: Supplemental Work Authorization Scope of Services to be provided by the Engineer and amended as noted within the attached Exhibit B. Exhibit C is provided to show the work plan for the execution of the Supplemental Work Authorization scope contained herein.

Part II: The maximum amount payable under Part II of Work Authorization No. 2 is increased by \$101,638.21 bringing the revised maximum amount payable to \$4,228,349.00. The Fee Schedule/Budget in Exhibit D of Work Authorization No. 2 is increased by a Supplemental amount of \$101,638.21 to a total maximum amount payable of \$4,228,349.00.

Part IV: Work Authorization No. 2 shall now terminate on June 30, 2016 and a revised Work Schedule will be supplied to document the revised date of work activity.

Exhibit H-2: Subprovider Monitoring System Commitment Agreement is amended as noted in Exhibit H-2

This Supplemental Work Authorization No. 4 shall become effective on the date of final execution of the parties hereto. All other terms and conditions of Work Authorization No. 2 not hereby amended are to remain in full force and effect.

IN WITNESS WHEREOF, this Supplemental Work Authorization 3 is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE ENGINEER

THE AUTHORITY

(Signature)

(Printed Name)

(Title)

(Date)

(Signature)
Pilar Rodriguez, PE

(Printed Name)
Executive Director

(Title)

(Date)

EXHIBIT B
SUPPLEMENTAL SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

EXHIBIT B
SCOPE OF SERVICES TO BE PROVIDED
BY THE ENGINEER

BACKGROUND:

Change from Asphalt pavement to Concrete Pavement was not part of the original contract

APPLICABILITY:

Wherever the following terms are used in this attachment or other contract documents, the intent and meaning will be interpreted as indicated below.

ABBREVIATIONS:

HCRMA shall mean Hidalgo County Regional Mobility Authority.

ENGINEER shall mean S&B Infrastructure, LTD.

TxDOT shall mean Texas Department of Transportation

FHWA shall mean Federal Highway Administration

IBWC shall mean International Boundary and Water Commission

USFWS shall mean United States Fish & Wildlife Service

THC shall mean Texas Historical Commission

SHPO shall mean State Highway Preservation Office

USACE shall mean United States Army Corps of Engineers

GSA shall mean General Services Administration

HCMPO shall mean Hidalgo County Metropolitan Planning Organization

FAA shall mean Federal Aviation Administration

MTP shall mean Metropolitan Transportation Plan

TIP shall mean Transportation Improvement Program

MUTCD shall mean Manual of Uniform Traffic Control Devices

AASHTO shall mean American Association of State Highway and Transportation Officials

LRFD shall mean Load & Resistance Factor Design

PS&E shall mean Plans, Specifications and Estimate

ACP shall mean Asphaltic Concrete Pavement

CSJ shall mean Control Section Job (highway project designation number)

PROJECT DESCRIPTION

The services designated herein as “Services provided by the Engineer” shall include the performance of all engineering services for the following described facility:

County/HCRMA: Hidalgo County

CSJ number: 3627-01-001 (currently assigned from FM 1016 to Fm 3072)

Project/Description: PS&E Design for SH365 – From McColl Road to US 281 Military Highway

Length: 5.86 Miles Sta 987+00 to Sta 1296+50

Highway: SH365- Trade Corridor Connector (TCC) (Segment # 2)

Limits: (See Location Map Attached Labeled Attachment B-1)

Existing Facility: New Location

Proposed Facility: 4-lane divided controlled access toll facility

Project Classification

(Place an “X” in only one Project Classification)

- Surface Treatment
- Overlay
- Rehabilitation Existing Road (Scarify & Reshape)
- Convert Non-Freeway to Freeway
- Widen Freeway
- Widen Non-Freeway
- New Location Toll Freeway (The design of the tolling infrastructure is not included in the scope of this proposal)
- New Location Non-Freeway
- Interchange (New or Reconstruct)
- Bridge Widening or Rehabilitation
- Bridge Replacement
- Upgrade to Standards - Freeway
- Upgrade to Standards - Non-Freeway
- Miscellaneous Studies (Use Function Code 110 for All Tasks)

ROADWAY DESIGN
(Task 160)

Services
Provided By:
Engineer HCRMA

- | | | |
|------------|-----------|---|
| <u>YES</u> | <u>NO</u> | 3. Grading Design |
| | | a. Revised E & Q sheets for proposed concrete pavement |
| | | b. Revised Proposed Typical Sections for Concrete Pavement |
| | | c. Revised Cross Sections for concrete roadways |
| | | d. Revised Cut and Fill Quantities for roadways |
| | | e. Revised Cross Culverts and Irrigation Details for New Typical Sections |

BRIDGE DESIGN
(Task 170)

Services
Provided By:
Engineer HCRMA

			<u>NUMBER REQUIRED</u>
	1.	Preparation of Structural Details	
	a.	New Structures	
<u>NO</u>		1. Underpass	<u>0</u>
<u>YES</u>		2. Overpasses at I Road	<u>2</u>
<u>N/A</u>		3. Main Lanes	<u>0</u>
<u>N/A</u>		4. Direct Connector(s)	<u>0</u>
<u>N/A</u>		5. Ramp Bridge(s)	<u>0</u>
<u>N/A</u>		6. Waterway Structure(s) (Pharr San Juan Canal)	<u>0</u>
<u>N/A</u>		7. Pedestrian Structure(s)	<u>0</u>
<u>N/A</u>		8. Utility Structure(s)	<u>0</u>
<u>N/A</u>		9. Railroad Underpass (es)	<u>0</u>
<u>N/A</u>		10. Railroad Overpass (es) (FM 1016/UP, UP)	<u>0</u>
<u>N/A</u>		11. Bridge Classification Culvert(s)**	<u>0</u>
<u>N/A</u>		12. Alternate Structural Designs	<u>0</u>
<u>N/A</u>		13. Alternate Foundation Design	<u>0</u>
		Total New Structures =	<u>2</u>

Services
Provided By:
Engineer HCRMA

- | | | | |
|------------|-----------|----|---|
| <u>YES</u> | <u>NO</u> | 1. | Preparation of Bridge Layouts
The Engineer will prepare the bridge layouts in compliance with the latest TxDOT Pharr District bridge layout checklist. |
| . | | | |
| <u>YES</u> | <u>NO</u> | 2. | General Guidelines for Bridge Design |
| | | | a. The engineer shall prepare a bridge layout of each bridge structure for HCRMA and TxDOT's review and approval. The bridge layout shall be in conformance with the latest TxDOT's requirements. |
| | | | b. The engineer shall make final design calculations and final detail drawings in conformance with the Texas Department of Transportation 2015 Bridge Design Manual - LRFD, the current American Association of State Highway and Transportation Officials (AASHTO) LRFD Bridge Design Specifications, and the TxDOT Bridge Geotechnical Manual. |
| | | | c. Structural steel or prestressed concrete shop drawings, form work drawings and false work drawings are not part of the design requirements. However, contract plans shall be in sufficient detail to permit the preparation of complete shop details for fabrication and erection. |
| | | | d. Standard drawings for beams, girders, railings, riprap, etc., shall be furnished to the engineer upon request. These standards shall not be redrawn by the engineer nor shall his title block be transferred to the standard drawings. Modifications to the standards, if necessary, shall be clearly identified and designated by "MOD" in the standard title. Specific special drawings prepared by the engineer shall not be identified as standards. |
| | | | e. Geometry and structural design errors found after acceptance of bridge plans shall be promptly corrected by the Engineer at no cost to the HCRMA. |

**EXHIBIT C
WORK SCHEDULE**

EXHIBIT D
FEE SCHEDULE/BUDGET

EXHIBIT B
 DETAILED FEE SCHEDULE FOR SH 365 PHASE I
 FROM MCCOLL TO GSA CONNECTOR
 S B INFRASTRUCTURE, LTD
 SWA No. 4 to WA No. 2

MAXIMUM AMOUNT PAYABLE										
SH 365 PROJECT (CSJ: 3627-01-001)										
Revised to Conc. Pavement for Proposed SH 365 SEGMENT 1										
From McColl Rd To US 281 (Military Road)										
NO. OF SHEETS	BASIC SERVICES DESCRIPTION	Principal	Project Manager	Senior Engineer	Project Engineer	Design Engineer	Engineering Tech	Admin/Clerical	Total Labor Hrs.	Task Cost
	FC 163 MISCELLANEOUS ROADWAY - RIGID PAVEMENT (CONC)									
7	REVISED PROPOSED TYPICAL SECTIONS SHEETS FOR CONCRETE PAVEMENT		8		16	16	16		56	\$ 7,098.72
3	REVISED PROPOSED E AND Q SHEETS		8		40	40	16		104	\$ 12,867.12
15	REVISED EARTH WORK SHEETS FOR CONCRETE BASE BID		4		8	16	16		44	\$ 5,175.92
6	REVISED RETAINING WALLS TYPICAL SECTION FOR CONCRETE PAVEMENT		4		16	16	16		52	\$ 6,169.28
4	REVISED CROSS CULVERT DETAILS SHEETS		4		10	12	16		42	\$ 4,959.54
86	REVISED PROPOSED CROSS SECTIONS FOR CONCRETE PAVEMENT		8		40	80	80		208	\$ 23,091.28
10	REVISED PROPOSED IRRIGATION CROSSING DETAILS FOR CONCRETE PAVEMENT		4		12	8	24		48	\$ 5,440.28
4	CONCRETE PAVEMENT - SPECIFICATIONS/STANDARDS AND GENERAL NOTES		4		16		16	40	76	\$ 6,518.00
18	REVISED BRIDGE LAYOUTS (9 BRIDGES)		8	36		40	24		108	\$ 14,871.16
24	REVISED ABUTMENT CAPS, DETAILS AND QUANTITIES)		8	36		40	24		108	\$ 14,871.16
177	GRAND TOTAL	0	60	72	158	268	248	40	846	\$ 101,062.46
	HOURS SUB-TOTALS	0	60	72	158	268	248	40	846	
	LABOR RATE PER HOUR	\$ 290.45	\$ 232.36	\$ 174.27	\$ 124.17	\$ 116.18	\$ 87.14	\$ 55.19		
	DIRECT LABOR COSTS	\$ -	\$ 13,941.60	\$ 12,547.44	\$ 19,618.86	\$ 31,136.24	\$ 21,610.72	\$ 2,207.60	\$ 101,062.46	
	TOTAL	\$ -	\$ 13,941.60	\$ 12,547.44	\$ 19,618.86	\$ 31,136.24	\$ 21,610.72	\$ 2,207.60	\$ 101,062.46	
	PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)	0.00%	13.80%	12.42%	19.41%	30.81%	21.38%	2.18%	100.00%	
	PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOURS)	0.00%	7.09%	8.51%	18.65%	31.65%	29.31%	4.73%	100.00%	
TOTAL DIRECT EXPENSES (FROM BELOW)										\$ 575.75
GRAND TOTAL - INCLUDING DIRECT EXPENSES										\$ 101,638.21
DIRECT EXPENSES										
	REPRO SHEETS X \$2.00 / SHEET + (75 SHEETS X \$0.25) X 4 / PAPER SHEET - CHECK PLOTS & REVIEW SETS) X (75 PAPER SHEETS X 10 SUBMITTAL SETS X \$0.25)									\$ 206.25
	COURIER SERVICES - \$20 / PACKAGE X 10 PACKAGES									\$ 200.00
	MILEAGE 10 TRIP X 30 MI / TRIP @ \$0.565/mile									\$ 169.50
	TOTAL DIRECT EXPENSES									\$ 575.75

EXHIBIT H-2

SUPROVIDER MONITORING SYSTEM COMMITMENT AGREEMENT

EXHIBIT H-2
Subprovider Monitoring System Commitment Agreement

This commitment agreement is subject to the award and receipt of a signed contract from the Hidalgo County Regional Mobility Authority (Authority). **NOTE: Attachment H-2 is required to be attached to each contract that does not include work authorizations. Attachment H-2 is required to be attached with each work authorization. Attachment H-2 is also required to be attached to each supplemental work authorization. If DBE/HUB Subproviders are used, the form must be completed and signed. If no DBE/HUB Subproviders are used, indicate with "N/A" on this line:** _____ **and attach with the work authorization or supplemental work authorization.**

Contract #: _____ Assigned Goal: 12.2% Prime Provider S&B Infrastructure, LTD

Work Authorization (WA)#: 2 WA Amount: \$3,611,450.16 Date: _____

Supplemental Work Authorization (SWA) #: 4 to WA #: 2 SWA Amount: \$101,638.21

Revised WA Amount: \$4,228,349.00

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
FC 163 –	\$101,638.21
Total Commitment Amount <i>(Including all additional pages.)</i>	\$101,638.21

IMPORTANT: The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.

Provider Name: S&B Infrastructure, LTD Address: 5408 North 10th Street, McAllen, Texas 78504 VID Number: PH: (956) 926-5000; FX: (956) 994-0427 Email: dorios@sbinfra.com	Name: <u>Daniel O. Rios, P.E.</u> <i>(Please Print)</i> Title: <u>Senior Vice-President</u> <hr/> Signature Date
DBE/HUB Sub Provider Subprovider Name: Address: VID Number: PH: FX: Email:	Name: _____ <i>(Please Print)</i> Title: _____ <hr/> Signature Date
Second Tier Sub Provider Subprovider Name: VID Number: Address: Phone #& Fax #: Email:	Name: _____ <i>(Please Print)</i> Title: _____ <hr/> Signature Date

VID Number is the Vendor Identification Number issued by the Comptroller. If a firm does not have a VID Number, please enter the owner's Social Security or their Federal Employee Identification Number (if incorporated).

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Item 3C

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 3C </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 02/12/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 02/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-17 – APPROVAL OF SUPPLEMENTAL NUMBER 2 TO THE PROFESSIONAL SERVICE AGREEMENT WITH S&B INFRASTRUCTURE TO INCREASE THE MAXIMUM PAYABLE AMOUNT FOR SUPPLEMENTAL NUMBER 3 TO WORK AUTHORIZATION NUMBER 2.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No

Consideration and Approval of Supplemental Number 2 to the Professional Service Agreement with S&B Infrastructure to increase the maximum payable amount for Supplemental Number 3 to Work Authorization Number 2.

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: Yes No X N/A

5. Staff Recommendation: **Motion to approve Resolution 2016-17 – Supplemental Number 2 to Professional Services Agreement for State Highway 365 with S&B Infrastructure due to maximum amount payable for Supplemental Work Authorization Number 3 to Work Authorization Number 2 in the amount of \$101,638.21 as presented.**

6. Program Manager’s Recommendation: X Approved Disapproved None

7. Planning Committee’s Recommendation: Approved Disapproved X None

8. Board Attorney’s Recommendation: Approved Disapproved X None

9. Chief Auditor’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Construction Engineer’s Recommendation: X Approved Disapproved None

12. Executive Director’s Recommendation: X Approved Disapproved None



- Environmental
- Engineering **S&B Infrastructure**
- Geo-Technical
- Surveying

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2016-17

- Work Authorization # _____
- Supplemental # _____ to WA # _____
- Supplemental # 2

Amount: \$ 101,638.21

Approved Amendments:

Resolution No.	Description	Amount
2012-37	Amended / Restated Original Contract	\$ 4,714,399.28
2015-54	Supplemental 1, Professional Service Agreement	\$ 299,599.02

Subtotal from Cont. Page \$ 0.00

Contract Amount **\$ 5,013,998.30**

Proposed Amendment	2016-17 Supplemental 2 to PSA	\$ 101,638.21
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Goal and Options:

Supplemental Number 2 to the Professional Service Agreement with S&B Infrastructure to increase the maximum payable amount for Supplemental Number 4 to Work Authorization Number 2

Staff is recommending approval of this request in the amount of \$ 101,638.21
Proposed Revised Contract Amount of \$ 5,115,636.51

Approved Amendments Cont...

Resolution No. 2016-17

Requisition No.	Description	Amount
2015-83	Work Authorization 1 Supplemental 2	\$ 0.00
2015-84	Work Authorization 2 supplemental 3	\$ 0.00

Subtotal \$ 0.00

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2016 – 17

**APPROVAL OF SUPPLEMENTAL NUMBER 2 TO THE
PROFESSIONAL SERVICES AGREEMENT WITH S&B
INFRASTRUCTURE TO INCREASE THE MAXIMUM
PAYABLE AMOUNT FOR SUPPLEMENTAL NUMBER 4 TO
WORK AUTHORIZATION NUMBER 2**

THIS RESOLUTION is adopted this 23th day of February, 2016 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”); and

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County; and

WHEREAS, on April 13, 2011, the Authority awarded a professional service agreement for engineering services to S&B Infrastructure (the “Consultant”) for design work, including plans, specifications, and estimates, for the Trade Corridor Connector (“SH 365 TCC”) and on May 2, 2012, by Resolution 2012-11, the Authority amended and restated that agreement (the “Amended and Restated Agreement”) in the maximum payable amount of \$4,363,952.78; and

WHEREAS, pursuant to Resolution 2012-11, the Authority approved Work Authorization Number 1 under the Amended and Restated Agreement in the amount of \$887,287.51; and

WHEREAS, on November 21, 2012, the Authority Amended and Restated the professional service agreement with the Consultant to perform plans, specifications and estimates for the revised State Highway 365 (SH 365) project limits from East of McColl Road (Project Station 986+00) to US 281/Military Highway and to revise the DBE/HUB reporting requirements in the amount of \$350,386.28. The Consultants maximum payable amount was revised from \$4,363,952.78 to \$4,714,339.28 and Work Authorization Number 1 remained in the amount of \$887,287.51; and

WHEREAS, on December 18, 2013, the Authority approved Work Authorization Number 2 to the Professional Service Agreement with S&B Infrastructure for final plans, specifications and estimates for the SH 365 Project from McColl Road to US 281/Military Highway in the amount of \$3,611,450.28; and

WHEREAS, on June 23, 2015, the Authority approved Supplemental Number 1 to Work Authorization Number 2 to the Professional Service Agreement with S&B Infrastructure to provide irrigation details for the SH 365 Project from McColl Road to US 281/Military Highway in the amount of \$100,244.60; and

WHEREAS, on July 28, 2015, the Authority approved Supplemental Number 1 to Work Authorization Number 1 to the Professional Service Agreement with S&B Infrastructure for a no-cost time extension for State Highway 365 Segment 1 Schematics and Route Studies; and

WHEREAS, the Authority has determined it is necessary to approve Supplemental Number 2 to Work Authorization Number 2 to the Professional Service Agreement with S&B Infrastructure to provide "I" Road Steel Bridge Design for the State Highway 365 Segment 1 Project in the amount of \$415,016.03; and

WHEREAS, on February 23, 2016, the Authority approved of Supplemental Number 2 to the Professional Service Agreement with S&B Infrastructure to increase the maximum payable amount for Supplemental Number 4 to Work Authorization Number 2; and

**NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS
OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:**

- Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.
- Section 2. The Board hereby approves of Supplemental Number 2 to the Professional Service Agreement with S&B Infrastructure to increase the maximum payable amount for Supplemental Number 4 to Work Authorization Number 2 in the amount of \$101, 638.21, attached hereto as Exhibit A.
- Section 3. The Board authorizes the Executive Director to execute Supplemental Number 3 to Work Authorization Number 2 as approved.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23th day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

EXHIBIT A

SUPPLEMENTAL NUMBER 2 TO PROFESSIONAL SERVICE AGREEMENT WITH
S&B INFRASTRUCTURE
WORK AUTHORIZATION NUMBER 2
TO
AMENDED AND RESTATED PROFESSIONAL SERVICE AGREEMENT WITH
S&B INFRASTRUCTURE

◆ Contract ◆

**Hidalgo County
Regional Mobility Authority
(HCRMA)(Authority)**

ENGINEERING / DESIGN SERVICES

For SH 365 Segment 0031

From just East of McColl Rd.

At Approx. STA 986+00

To US 281 Military Highway

SA No. 2 to Main Contract

January 26, 2016

S&B Infrastructure, LTD

SUPPLEMENTAL AGREEMENT NO. 2

**SUPPLEMENTAL AGREEMENT NO. 2
TO PROFESSIONAL SERVICES
AGREEMENT FOR ENGINEERING / DESIGN SERVICES**

THIS SUPPLEMENTAL AGREEMENT NO 2 TO MAIN CONTRACT is made pursuant to the terms and conditions of “Article III Compensation and Attachment A General Provisions Section 6 Supplemental Agreements of that certain Professional Services Agreement for Engineering Design Services” hereinafter identified as the “Agreement,” entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and S&B Infrastructure, LTD (the Engineer).

The following terms and conditions of the Agreement are hereby amended as follows:

Article III Compensation

Article III Compensation shall be amended to increase the maximum amount payable under this contract from \$5,013,998.30 to \$5,115,636.21 for a total increase of \$101,638.21 due to additional scope and effort outlined in SWA No. 4 to WA No. 2 for \$101,638.21.

This Supplemental Agreement No. 2 to the Main Contract shall become effective on the date of final execution of the parties hereto. All other terms and conditions of the Agreement not hereby amended are to remain in full force and effect.

IN WITNESS WHEREOF, this Supplemental Agreement is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE ENGINEER

THE AUTHORITY

(Signature)

(Printed Name)

(Title)

(Date)

(Signature)
Pilar Rodriguez, P.E.

(Printed Name)
Executive Director

(Title)

(Date)

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Item 3D

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 3D </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 02/15/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 02/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-18 – APPROVAL OF SUPPLEMENTAL NUMBER 3 TO WORK AUTHORIZATION NUMBER 3 TO THE PROFESSIONAL SERVICE AGREEMENT WITH L&G CONSULTING ENGINEERS TO REVISE THE PLANS, SPECIFICATIONS AND ESTIMATES TO INCLUDE CONCRETE PAVEMENT FOR THE STATE HIGHWAY 365 SEGMENT 2 PROJECT.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No

Consideration and Approval of Supplemental Number 3 to Work Authorization Number 3 to the Professional Service Agreement with L&G Consulting Engineers to revise the Plans, Specifications and Estimates to include concrete pavement for the State Highway 365 Segment 2 Project.

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: Yes No X N/A

5. Staff Recommendation: **Motion to approve Resolution 2016-18 – Approval of Supplemental Work Authorization Number 3 to Work Authorization Number 3 for the State Highway 365 with L&G Consulting Engineers for implementing concrete pavement design in the amount of \$117,011.65 [Contract maximum amount payable is \$5, 915,101.32, this WA is under with a remaining maximum amount payable as presented.**

6. Program Manager’s Recommendation: X Approved Disapproved None

7. Planning Committee’s Recommendation: Approved Disapproved X None

8. Board Attorney’s Recommendation: Approved Disapproved X None

9. Chief Auditor’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Construction Engineer’s Recommendation: X Approved Disapproved None

12. Executive Director’s Recommendation: X Approved Disapproved None



- Environmental
- Engineering **L&G Engineering**
- Geo-Technical
- Surveying

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2016-18

- Work Authorization # _____
- Supplemental # 3 to WA # 3
- Supplemental # _____

Amount: \$ 117,011.65

Approved Amendments:

Resolution No.	Description	Amount
2012-10	Work Authorization Number 1	\$ 998,837.67
	Supplemental 1 to Work Authorization 1	\$ 310,893.97
	Work Authorization Number 2	\$ 288,223.86
	Work Authorization Number 3	\$ 3,719,885.81
	Supplemental 1 to Work Authorization Number 2	\$ 0.00
	Subtotal from Cont. Page	\$ 0.00
	Contract Amount	\$ 5,317,841.31
Proposed Amendment		
2016-18	Implementing Concrete pavement design	\$ 117,011.65

Goal and Options:

Approval of Supplemental Work Authorization Number 3 to Work Authorization Number 3 for the State Highway 365 with L&G Consulting Engineers for implementing concrete pavement design in the amount of \$117,011.65 [Contract maximum amount payable is \$5, 915,101.32, this WA is under with a remaining maximum amount payable.]

Staff is recommending approval of this request in the amount of \$ 117,011.65
Proposed Revised Contract Amount of \$ 5,434,852.96

Approved Amendments Cont...

Resolution No. 2016-18

Requisition No.

Description

Amount

Subtotal \$ 0.00

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2016– 18

**APPROVAL OF SUPPLEMENTAL NUMBER 3 TO WORK
AUTHORIZATION NUMBER 3 TO THE PROFESSIONAL SERVICE
AGREEMENT WITH L&G ENGINEERING TO REVISE THE PLANS,
SPECIFICATIONS AND ESTIMATES TO INCLUDE CONCRETE
PAVEMENT FOR THE STATE HIGHWAY 365 SEGMENT 2 PROJECT**

THIS RESOLUTION is adopted this 23rd day of February, 2016 by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”); and

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County; and

WHEREAS, on April 13, 2011, the Authority awarded a professional service agreement for engineering services to L&G Engineering (the “Consultant”) for design work, including plans, specifications, and estimates, for the Trade Corridor Connector (“SH 365/TCC”) and on May 2, 2012, by Resolution 2012-10, the Authority amended and restated that agreement (the “Amended and Restated Agreement”) in the maximum payable amount of \$5,887,542.43; and

WHEREAS, pursuant to Resolution 2012-10, the Authority approved Work Authorization Number 1 under the Amended and Restated Agreement in the amount of \$998,837.67; and

WHEREAS, on October 18, 2012, the Authority approved Supplemental Number 1 to Work Authorization Number 1 of the Amended and Restated Agreement to perform preliminary engineering for SH 365 from FM 396 to FM 1016 in the amount of \$310,893.87; and

WHEREAS, on November 21, 2012, the Authority approved the Amended and Restated professional service agreement with the Consultant to prepare plans, specifications and estimates for the revised SH 365 project limits from FM 1016 to East of McColl Road (Project Station 986+00) and to revise the DBE/HUB reporting requirements in the amount of \$27,558.89 for a revised maximum payable amount of \$5,915,101.32; and

WHEREAS, on November 20, 2013, the Authority approved Work Authorization Number 2 to the professional service agreement with the Consultant to provide bridge layouts and geotechnical investigation for the proposed structure over the International Boundaries and Water Commission Interior Floodway in the amounts of \$288,223.86; and

WHEREAS, on December 18, 2013, the Authority approved Work Authorization Number 3 to the Professional Service Agreement in the amount of \$3,719,885.81 for final plans, specifications and estimates for the State Highway 365 Project from McColl Road to FM 396; and

WHEREAS, on July 28, 2015, the Authority approved Supplemental Number 1 to Work Authorization Number 2 to the Professional Service Agreement with the Consultant to provide bridge layouts and geotechnical investigation for the proposed structure over the International Boundaries and Water Commission Interior Floodway; and

WHEREAS, on July 28, 2015, the Authority approved Supplemental Number 1 to Work Authorization Number 3 to the Professional Service Agreement with the Consultant for a no-cost time extension to provide final plans, specifications and estimates for the State Highway 365 Project; and

WHEREAS, the Authority has approved Supplemental Number 3 to Work Authorization Number 3 to the Professional Service Agreement with I&G Engiuneering to revise the Plans, Specifications and Estimates to include concrete pavement for the Satae Highway 365 Segment 2 Project in the amount of \$117,011.65; and

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS
OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby approves Supplemental Number 3 to Work Authorization Number 3 the Professional Service Agreement with L&G Engiuneering to revise the Plans, Specifications and Estimates to include concrete pavement for the Satae Highway 365 Segment 2 Project in the amount of \$117,011.65 attached hereto as Exhibit A.

Section 3. The Board authorizes the Executive Director to execute Supplemental Number 3 to Work Authorization Number 3 as approved.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

EXHIBIT A

SUPPLEMENTAL NUMBER 3 TO WORK AUTHORIZATION NUMBER
3 TO AMENDED AND RESTATED
PROFESSIONAL SERVICE AGREEMENT WITH
L&G ENGINEERING
DATED APRIL 13, 2011, MAY 2, 2012 AND NOVEMBER 21, 2012

◆ Contract ◆

**Hidalgo County
Regional Mobility Authority
(HCRMA)(Authority)**

ENGINEERING / DESIGN SERVICES

For SH 365 Segment 0032

From just West of FM 1016

To East of McColl Rd.

At Approx. STA 986+00

SWA No. 3 to WA No. 3

January 26, 2016

L&G CONSULTING ENGINEERS, INC.

SWA NO. 3 TO WA NO. 3

SWA NO. 3 TO WA NO. 3

**EXHIBIT D-1
SUPPLEMENTAL WORK AUTHORIZATION NO. 3
TO WORK AUTHORIZATION NO. 3
AGREEMENT FOR ENGINEERING SERVICES**

THIS SUPPLEMENTAL WORK AUTHORIZATION is made pursuant to the terms and conditions of “Article V of that certain Professional Services Agreement for Engineering Services” (the Agreement) entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and L&G Consulting Engineers, Inc. (the Engineer).

The following terms and conditions of Work Authorization No. 3 are hereby amended as follows:

Part I: Supplemental Work Authorization Scope of Services to be provided by the Engineer and amended as noted within the attached Exhibit B. Exhibit C is provided to show the work plan for the execution of the Supplemental Work Authorization scope contained herein.

Part II: The maximum amount payable under Part II of Work Authorization No. 3 is increased by \$117,011.95 bringing the revised maximum amount payable to \$3,836,897.46. The Fee Schedule/Budget in Exhibit D of Work Authorization No. 3 is increased by a Supplemental amount of \$117,011.95 to a total maximum amount payable of \$3,836,897.46.

Part IV: Work Authorization No. 3 shall now terminate on June 30, 2016 and a revised Work Schedule will be supplied to document the revised date of work activity.

Exhibit H-2: Subprovider Monitoring System Commitment Agreement is amended as noted in Exhibit H-2.

IN WITNESS WHEREOF, this Supplemental Work Authorization is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE ENGINEER

(Signature)

(Printed Name)

(Title)

(Date)

THE AUTHORITY

(Signature)
Pilar Rodriguez, PE

(Printed Name)
Executive Director

(Title)

(Date)

EXHIBIT B

SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

APPLICABILITY:

Wherever the following terms are used in this attachment or other contract documents, the intent and meaning will be interpreted as indicated below.

ABBREVIATIONS:

HCRMA OR AUTHORITY shall mean Hidalgo County Regional Mobility Authority
PMC (GEC) shall mean Program Management Consultant (General Engineering Consultant)(Dannenbaum Engineering Corporation)
ENGINEER shall mean L&G Consulting Engineers
TxDOT shall mean Texas Department of Transportation
FHWA shall mean Federal Highway Administration
IBWC shall mean International Boundary and Water Commission
USFWS shall mean United States Fish & Wildlife Service
THC shall mean Texas Historical Commission
SHPO shall mean State Highway Preservation Office
USACE shall mean United States Army Corps of Engineers
GSA shall mean General Services Administration
HCMPO shall mean Hidalgo County Metropolitan Planning Organization
FAA shall mean Federal Aviation Administration
MTP shall mean Metropolitan Transportation Plan
TIP shall mean Transportation Improvement Program
MUTCD shall mean Manual of Uniform Traffic Control Devices
AASHTO shall mean American Association of State Highway and Transportation Officials
LRFD shall mean Load & Resistance Factor Design
PS&E shall mean Plans, Specifications and Estimate
ACP shall mean Asphaltic Concrete Pavement
CSJ shall mean Control Section Job (highway project designation number)

PROJECT DESCRIPTION

The services designated herein as “Services provided by the Engineer” shall include the performance of all engineering services for the following described facility:

County/HCRMA: Hidalgo County, Texas

CSJ number: 3627-01-001

Project/Description: Revisions to PS&E Design to incorporate the Revised Flexible Pavement Design and New Rigid Pavement Design

Length: 6.17 Miles

Highway: SH365 from just west of FM 396 to just east of McColl Road near Sta. 986+00

Limits: (See Location Map Attached)

Existing Facility: New Location

Proposed Facility: 2-lane divided controlled access toll facility & a 4-lane divided controlled access toll facility as identified by Value Engineering Report

Project Classification

(Place an "X" in only one Project Classification)

- Surface Treatment
- Overlay
- Rehabilitation Existing Road (Scarify & Reshape)
- Convert Non-Freeway to Freeway
- Widen Freeway
- Widen Non-Freeway
- New Location Toll Freeway (The design of the tolling infrastructure is not included in the scope of this proposal)
- New Location Non-Freeway
- Interchange (New or Reconstruct)
- Bridge Widening or Rehabilitation
- Bridge Replacement
- Upgrade to Standards - Freeway
- Upgrade to Standards - Non-Freeway
- Miscellaneous Studies (Use Function Code 110 For All Tasks)

ROUTE AND DESIGN STUDIES

(Task 110)

Services

Provided By:

Engineer AUTHORITY

- ~~NO~~ ~~YES~~ 1. ~~Route Location Studies~~
- ~~NO~~ ~~YES~~ 2. ~~Level of Service Analysis~~
- ~~NO~~ ~~YES~~ 3. ~~Traffic Evaluations and Projections~~
- ~~YES~~ ~~YES~~ 4. ~~Develop Roadway Design Criteria in accordance with Pass-Through Agreement.~~
a. ~~Prepare design summary report (DSR).~~
b. ~~Attend Design Concept Conference. (Conducted by HCRMA GEC)~~
- ~~YES~~ ~~YES~~ 5. ~~Preliminary Cost Estimates~~
- ~~YES~~ ~~YES~~ 6. ~~Value Engineering Study~~
The Engineer shall be responsible for attending with the Authority one Value Engineering study (VE Study) for the project. The VE Study shall incorporate several lead disciplines along with the VE moderator to participate in a week long study. The study shall consist of the investigation phase, creative phase, evaluation phase, development phase, and the presentation phase. The Authority shall document the complete study in a final Value Engineering report. Representation from TxDOT and the Authority shall be in attendance. PMC will provide moderator and cost of facilities.
- ~~YES~~ ~~NO~~ 7. ~~Design Schematic (Develop 4 lane Schematic)~~
- ~~YES~~ ~~NO~~ 8. ~~Preliminary Right of Way Requirements~~
- ~~YES~~ ~~NO~~ 9. ~~Soil Core Hole Drilling~~
a. ~~Pavement~~
b. ~~Retaining Walls~~
c. ~~Miscellaneous Structures (Levee)~~
d. ~~Bridges~~
- ~~YES~~ ~~NO~~ 10. ~~Obtain existing facility information.~~
Coordinate and meet with following entities to obtain preliminary design information: TxDOT, Cities, County, Railroad, HCDD#1, IBWC, Irrigation Districts, and Utility Companies.
- ~~YES~~ ~~NO~~ 11. ~~Schematic Layout(s) (Revisions to existing schematic modify for 4 lane schematic)~~
a. ~~Layout shall include the location of interchanges, main lanes, grade separations, frontage roads and ramps.~~
b. ~~Develop vertical and horizontal alignment of main lanes, ramps and cross roads at proposed interchanges or grade separations. Frontage road alignment data need not be shown on the schematic; however, it should be developed in sufficient detail to determine ROW needs. The degree of horizontal curves and vertical curve data, including "K" values, shall also be shown for ease of checking.~~
c. ~~For freeways, show the location and text of the proposed main lane guide signs. Lane lines and/or arrows indicating the number of lanes shall also be shown. All signing shall be in conformance with the Texas MUTCD.~~
d. ~~The tentative ROW limits.~~

- (1) Provide preliminary earthwork cross sections to verify ROW requirements utilizing GEOPAK.
- (2) Provide a graphics file containing the approved schematic.
- e. Layout shall include the geometric (pavement cross slopes, lane and shoulder widths, slope rates for fills and cuts) of the typical sections of proposed highway main lanes, ramps, frontage roads, bridges, and cross roads.
- f. Indicate the current and projected traffic volumes as provided by the Authority (20 year traffic projection, unless otherwise determined by the District Engineer).
- g. The control of access lines shall be shown on the proposed schematic.
- h. Direction of traffic flow on all roadways.
- i. Layout shall include the geometric of speed change (acceleration, deceleration, climbing) lanes.
- j. The schematic layout shall include basic information which is necessary for the proper review and evaluation including the items listed above and in the TxDOT's checklist for schematic layout.
- k. Upon approval of the schematic layout by Design Division (FHWA on Federal aid projects), it shall be the basis for an exhibit at any required public hearing.

12. Agreements and Permits

- | | | |
|-----------------|----------------|--|
| YES* | YES | a. Compensable Utility Agreements and exhibits for Utility Agreements |
| YES | NO | b. Railroad Agreements |
| | | c. Railroad Exhibits |
| N/A | N/A | (1) Railroad Underpasses |
| YES | NO | (2) Railroad Overpasses (SH365/TCC Overpasses at RR) |
| N/A | N/A | (3) Railroad Grade Crossing (Re-planking) |
| N/A | N/A | (4) Railroad Grade Crossing Warning Systems (Signals) |
| N/A | N/A | (5) Other Miscellaneous Sketches for Railroads |
| YES | NO | d. Traffic Signal Agreements (Pending warrant analysis) and required exhibits. |
| YES | NO | e. IBWC License Agreement |
| | | Due to the associated impacts of the floodway levee the Engineer shall be responsible for the preparation/packaging of all documents necessary for submission to the USIBWC for the license agreement. |
| | | The license agreement package should include: |
| | | 1) The hydraulic model, with proposed floodway impacts due to the proposed bridge structure provided by the engineer |
| | | 2) THC Concurrence letter from HCRMA |
| | | 3) USEFW Concurrence letter from HCRMA |
| | | 4) US Army Corp of Engineers concurrence letter from HCRMA |
| | | 5) Scour Analysis provided by the engineer |
| YES | NO | f. Required Coordination for splitting the project limits (two separate CSJ's) |
| | | 1) Provide all project information to GEC and/or HCMPO for updating the MTP and TIP. |
| | | 2) Provide all project information to the GEC and/or Environmental Consultant for updating the environmental document. |
| YES | NO | g. Exhibit for airway/highway clearance permits for FAA |
| YES | NO | h. USACE exhibits and permits for structures that impact waters of the US and wetlands. |

(* = Task anticipated to be led and/or handled by Authority/PMC)

SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES AND PUBLIC INVOLVEMENT

(Task 120)

Services

Provided By:

Engineer AUTHORITY

1. ~~Public Involvement~~
- ~~YES*~~ ~~NO~~ a. ~~Technical assistance to the GEC and/or Environmental Consultant in the preparation of public meeting(s)/hearing(s), and exhibit preparation.~~
- ~~YES*~~ ~~NO~~ b. ~~Assist the GEC and/or Environmental Consultant to respond to technical questions received during the Public Meeting/Hearing.~~
- ~~YES*~~ ~~NO~~ c. ~~Assist the GEC in conducting stakeholder outreach meetings and prepare summaries of said meetings to provide to Authority~~
- ~~YES*~~ ~~NO~~ d. ~~Assist the GEC and/or Environmental Consultant in developing the PowerPoint presentation for the Public Meeting/Hearing.~~
- ~~YES*~~ ~~NO~~ e. ~~Prepare and Present the technical presentation portion of the speech.~~
2. Preparation of Environmental Permits, Issues and Commitments
- YES NO a. The Engineer shall develop a plan sheet to be included in the construction plans identifying the Environmental Permits, Issues & Commitments (EPIC) sheet. This plan sheet will be based on the Environmental Document provided by the AUTHORITY. The permits if required shall be obtained by the AUTHORITY.
- ~~NO*~~ ~~YES~~ b. ~~Preparation & Submittal of Notice of Intent (NOI)~~
- ~~NO*~~ ~~YES~~ c. ~~Preparation & Submittal of Notice of Termination (NOT) upon completion of project~~
- ~~NO~~ ~~NO~~ d. ~~Section 4(f) evaluation, including developing the avoidance alternatives have not been identified at this point.~~
- ~~YES~~ ~~NO~~ e. ~~Prepare exhibits on structures that impact Waters of the US and wetlands by minimizing impacts for the further coordination and eventual securing of construction permits from the USACE (if needed).~~

(* = Task anticipated to be led and/or handled by AUTHORITY/PMC)

RIGHT-OF-WAY/UTILITY DATA

(Function Code 130)

Services
Provided By:
Engineer AUTHORITY

- YES ~~NO~~ 1. ~~Right of Way Map~~
- a. ~~ROW Map submitted by the Surveyor to the AUTHORITY shall be reviewed by the Engineer on the following items:~~
- ~~1. Correctness of alignment and geometry~~
 - ~~2. Correctness of control of access lines as depicted on schematic~~
 - ~~3. Coordinate the final centerline alignment adjustment to finalize the ROW map.~~
- ~~NO~~ NO b. ~~Full compliance with ROW Map requirements as specified in TxDOT ROW Manuals.~~

YES* YES 2. Utility Adjustments

- ~~a. The Engineer shall prepare an initial coordination letter and a project layout which will be distributed to various utility companies to determine which utilities are in the limits of the project.~~
- ~~b. The Engineer shall attend a Utility Kick Off meeting with TxDOT, AUTHORITY and the utility companies.~~
- ~~c. The Engineer shall prepare a Utility Conflict Tracking Matrix table.~~
- ~~d. Upon completion of the preliminary drainage plans and Utility & Drainage (U&D) sheets and Irrigation sheets, the Engineer shall distribute these sheets to the various utility companies and request identification of their lines within the project limits.~~
- ~~e. The Engineer will coordinate with the Surveyor and the various utility companies for exposing potential conflicts and field ties to uncover utilities in potential conflict areas.~~
- ~~f. The Engineer shall coordinate and approve an adjustment plan and preliminary estimates for all utilities impacting the proposed project construction.~~
- ~~g. The Engineer will be responsible for preparing any and all compensable utility agreements, in compliance with TxDOT requirements, and preparation of the final adjustment letters.~~
- ~~h. A due diligence package will be provided for the AUTHORITY for their use in processing reimbursements to utility companies.~~
- ~~i. Before a construction contract for the project is let, the Engineer shall provide a utility certification for the AUTHORITY's signature to TxDOT that all utilities have been adjusted.~~

YES* ~~NO~~ 3. Design of Compensable Utilities

- a. ~~Irrigation Structures~~
- ~~1) Parallel~~
 - ~~2) Perpendicular Crossings / Siphons~~
 - ~~3) Irrigation Canals~~

N/A ~~NO~~ b. ~~Various Pipelines~~

(* = Task anticipated to be led and/or handled by AUTHORITY/PMC)

FIELD SURVEYING

(Task 150)

Services

Provided By:

Engineer AUTHORITY

~~YES*~~ ~~YES~~ 1. ~~Field Survey~~

- ~~_____ a. Assist PMC (GEC) to coordinate with Surveyor to obtain DTM data on voids and missing areas.~~
- ~~_____ b. Assist PMC (GEC) to coordinate with Surveyor to obtain outfall design surveys~~
- ~~_____ c. Assist PMC (GEC) to coordinate with Surveyor to obtain utility company field ties~~
- ~~_____ d. Assist PMC (GEC) to coordinate with Surveyor to provide final alignment for the preparation of the ROW Map~~
- ~~_____ e. Assist PMC (GEC) to coordinate with Surveyor to tie down geotechnical borings~~
- ~~_____ f. Assist PMC (GEC) to coordinate with Surveyor to stake centerline of proposed mainlanes~~

(* = Task anticipated to be led and/or handled by AUTHORITY/PMC)

ROADWAY DESIGN

(Task 160)

Services

Provided By:

Engineer AUTHORITY

- | | | |
|------------|-----------|--|
| <u>YES</u> | <u>NO</u> | 1. Geometric Design |
| <u>YES</u> | <u>NO</u> | a. Horizontal and Vertical Alignment |
| | | b. Geometric Layout for Plan and Profile Sheets |
| | | (1) Layout shall include the location of interchanges, main lanes, grade separations, frontage roads and ramps. |
| | | (2) Develop vertical and horizontal alignment of main lanes, ramps and cross roads at proposed interchanges or grade separations. The degree of horizontal curves and vertical curve data, including "K" values, shall also be shown for ease of checking. |
| | | (3) Layout shall include the geometric (pavement cross slopes, lane and shoulder widths, slope rates for fills and cuts) of the typical sections of the proposed highway main lanes, ramps, frontage roads, bridges, and cross roads. |
| | | (4) Direction of traffic flow on all roadways. |
| | | (5) Layout shall include the geometric of speed change (acceleration, deceleration, climbing) lanes. |
| <u>YES</u> | <u>NO</u> | 2. General Guidelines for Project Development |
| | | a. Prior to preparing detailed plans for a proposed project, a preliminary schematic layout shall be prepared which indicates the general geometric features and location requirements peculiar to the project. Copies of the four lane freeway schematic layout shall be submitted through the TxDOT Pharr District office to the Design Division for approval and subsequent coordination with the FHWA. No geometric design is to be performed until the AUTHORITY and TxDOT have given the engineer written approval of the preliminary schematic layout. |
| | | b. All geometric design shall be in conformance with the latest version of the TxDOT's Standard Specification for Construction and Maintenance of Highways, Streets, and Bridges, and the Special Specification and Special Provisions related thereto, and shall conform to the latest edition and revisions of the State's Roadway Design Manual, except where variances are permitted in writing by the AUTHORITY and TxDOT. |
| | | c. Handling of traffic during construction shall be a consideration in the development of preliminary designs. |
| | | d. The engineer shall furnish a final cross section plot for the project, which is of utmost importance since it is the basis for contractor payments and construction staking. |
| <u>YES</u> | <u>NO</u> | 3. Grading Design |
| | | a. Refine the horizontal and vertical alignment of main lanes, frontage roads, ramps, cross roads and direct connectors based upon the approved schematic layout. Determine vertical clearances at grade separations and overpasses, taking into account the appropriate super elevation rate. |
| | | b. Typical Sections |
| | | c. Design Cross Sections for roadways and outfalls. |
| | | d. Determine Cut and Fill Quantities for roadways and outfalls |
| | | 4. Pavement Design |
| <u>YES</u> | <u>NO</u> | a. Prior to initiating detailed plan preparations for a project, an investigation shall be made to design the proposed pavement structure. TxDOT's computer program "The Flexible Pavement Design System (FPS) will be utilized for this purpose. |

Services

Provided By:

Engineer AUTHORITY

- YES ~~NO~~ b. ~~A typical section for the proposed pavement design of main lanes, ramps, frontage roads and intersecting streets shall include pavement thicknesses as well as pavement cross slopes, lane and shoulder widths, ACP type and Asphalt binder.~~
- ~~e. Required geo technical testing for Subgrade, salvage flexible base, recycle asphalt pavement (RAP). (see detailed scope from L&G Lab)~~
- YES ~~NO~~ (1) ~~Subgrade: tests will be performed for sulfate content to determine if addition of lime stabilization is a feasible method. If lime stabilization is determined to be a feasible method, a lime series test will be performed to determine the required percentage of lime. Plasticity Index (PI) of the subgrade throughout the project will also be tested to determine it's suitability of usage as embankment.~~
- YES ~~NO~~ (2) ~~Salvage Flexible Base: Triaxial test will be performed to determine the strength of the salvage base and it's suitability to be used as a part of the proposed pavement.~~
- YES ~~NO~~ (3) ~~Recycle Asphalt Pavement (RAP): Extraction tests will be performed on existing ACP to determine the asphalt content as well as gradations for the potential use by the contractor in the proposed ACP mix design.~~
- ~~NO~~ YES d. ~~Traffic Data for Pavement Design~~
- YES ~~NO~~ e. ~~Basic Pavement Design Criteria~~
- YES ~~NO~~ f. ~~Life Cycle Cost Analysis (es) for flexible pavement~~
- YES ~~NO~~ g. ~~Provide a full pavement design report~~

DRAINAGE
(Task 161)

Preliminary hydraulic design of all drainage structures (bridge waterways, culverts, storm sewers, channels) shall be submitted to the AUTHORITY and TxDOT for review. This preliminary submission shall include the overall drainage plan, structure layout, and hydraulic computations. No detailed design of drainage structures is to be performed, until the AUTHORITY and TxDOT have given the engineer written approval of the preliminary hydraulic design. All hydraulic design shall be in accordance with the TxDOT's Hydraulic Manual, except where variances are permitted in writing by the AUTHORITY and TxDOT.

Services
Provided By:
Engineer AUTHORITY

- 1. ~~Hydrologic Studies, Discharges~~
 - ~~YES NO a. Drainage area maps showing existing conditions and proposed drainage structure improvements.~~
 - ~~YES NO b. Hydrologic data/discharge determination~~
 - 2. ~~Hydraulic Drainage Study and Documentation~~
 - ~~a. Hydraulic computations~~
 - ~~YES NO (1) Storm water detention available within the ROW~~
 - ~~YES NO (2) Storm water detention required outside the ROW (as per HCDD#1)~~
 - ~~YES NO (3) Culverts~~
 - ~~YES NO (4) Bridge waterways~~
 - ~~YES NO (5) Channels~~
 - ~~YES NO (6) Storm sewers/inlets~~
 - ~~YES NO b. Federal Emergency Management Agency (FEMA) floodplain coordination requirements~~
 - ~~YES NO c. Determine impact of proposed drainage plan on the following receiving stream(s)~~
 - ~~(1) Hidalgo County Drainage District Outfalls~~
 - ~~(2) All Irrigation District Outfalls impacted~~
 - 3. ~~Layout, Structural Design and Detailing of Drainage Features~~
 - ~~a. Culverts~~
 - ~~YES NO (1) New culverts~~
 - ~~YES NO (2) Culvert widening and/or lengthening~~
 - ~~YES NO (3) Culvert replacements~~
 - ~~b. Storm sewers~~
 - ~~YES NO (1) New storm sewers~~
 - ~~YES NO (2) Modify existing storm sewers~~
 - ~~YES NO (3) Inlets~~
 - ~~YES NO (4) Manholes~~
 - ~~YES NO (5) Trunk lines~~
 - ~~YES NO c. Levees~~
 - ~~YES NO d. Retaining Wall drainage~~
 - ~~YES NO e. Outfall channel(s) within the ROW~~
 - ~~YES NO f. Outfall channel(s) outside the ROW~~
 - ~~YES NO g. Detention Pond(s) within the ROW (as needed)~~
 - ~~YES NO h. Detention Pond(s) outside the ROW (as needed)~~
 - ~~YES NO i. Summary of Quantities~~
 - ~~YES NO 4. Storm Water Pollution Prevention Plan (SW3P)~~
 - ~~YES NO 5. Scour Evaluation and floodway hydraulic modeling and report for SH 365 impacts on the IBWC floodway.~~
- ~~Soil Properties of Floodway D50 & D90 Sieve Analysis~~

SIGNING, PAVEMENT MARKINGS AND SIGNALIZATION

(Task 162)

Services

Provided By:

Engineer AUTHORITY

YES NO

~~1. Preliminary Signing and Pavement Markings (Conducted at the Schematic Level)~~

~~The schematic layout in addition to the roadway related features will show:~~

- ~~a. The number of lanes in each section of proposed highway and the location of changes in numbers of lanes~~
- ~~b. The projected traffic volumes as provided by the AUTHORITY (20 year traffic projection)~~
- ~~c. Proposed ROW lines~~
- ~~d. Arrows with direction of traffic flow on all roadways~~
- ~~e. Location of Large Ground Mounted Signs and their message~~
- ~~f. Location of Large Bridge Mounted Signs and their message~~
- ~~g. Location of Trailblazer Signs (type D) and their message~~

YES NO

2. Signing and Pavement Markings Layouts (Conducted at the PS&E Level & Individual Sheets for Signing and Pavement Markings are Anticipated to be Required)

YES NO

~~a. Boring Logs needed for design of sign foundations~~

YES NO

b. General Requirements

- Prepare General Notes for Signing and Pavement Markings
- Prepare governing specifications and provisions
- Prepare Cost Estimate
- Select TxDOT standard sheets

c. Signing and Pavement Markings Layouts (1"=100' scale)

- Legend with symbols
- Center line with station numbering
- ROW lines
- Culverts and other structures that present a hazard to traffic
- Location of utilities, if not shown on plan and profile
- Existing signs to remain, to be removed, to be relocated
- Proposed small signs (illustrated and numbered)
- Proposed Large ground mounted signs indicating location by plan layout
- Proposed large overhead mounted signs indicating location by plan layout
- Proposed pavement markings (illustrated and quantified)
- Quantities of existing pavement markings to be removed
- Proposed delineators and object markers
- Quantities table with each pavement marking type quantified

YES NO

~~d. Summary of Small Signs Tabulation Sheets~~

YES NO

~~e. Summary of Large Signs Tabulation Sheets (includes all Guide Signs)~~

YES NO

~~f. Sign Panel Detail Sheets~~

- ~~• All signs not covered by the Texas MUTCD~~
- ~~• Design details for large guide signs~~
- ~~• Dimensions of letters, shields, borders, corner radii etc.~~
- ~~• Designation of shields attached to guide signs~~
- ~~• Designation of arrow used on exit direction signs~~

Services
 Provided By:
 Engineer AUTHORITY

- ~~YES~~ ~~NO~~ _____ g. ~~Proposed Overhead Sign Bridge Design (O.S.B.). Modifications or special O.S.B. designs shall be prepared using the same design assumptions that are used for the standard O.S.B. structures. Proposed O.S.B. elevation Sheets will show at a minimum the following: (Note: No walkways or sign lights will be used, since all sign panels will have high intensity reflective sheeting)~~
- ~~• Span length~~
 - ~~• Tower Height~~
 - ~~• Drill Shaft size and top elevation~~
 - ~~• Soil strength used for design {indicate basis and boring(s) used}~~
 - ~~• Reference appropriate O.S.B. standard~~
 - ~~• Center line of truss elevation~~
 - ~~• Bottom of base plate elevation~~
 - ~~• Leg spacing~~
 - ~~• Design wind speed~~

3. ~~Conduct Traffic Signal Warrant Studies (Conducted at the Schematic Level)~~

- ~~YES~~ ~~NO~~ _____ a. ~~Location Map: Relationship of proposed installation to other traffic signals, highways, business areas and traffic generators~~
- ~~YES~~ ~~NO~~ _____ b. ~~Photographs in the vicinity of the signal under consideration~~
- ~~NO~~ ~~YES~~ _____ c. ~~Accident data for the past four years at the proposed interchange locations~~
- d. ~~Vehicle volumes~~
- ~~YES~~ ~~NO~~ _____ Existing
- ~~NO~~ ~~YES~~ _____ Estimated
- ~~NO~~ ~~YES~~ _____ Projected
- ~~NO~~ ~~NO~~ _____ Pedestrian
- ~~YES~~ ~~NO~~ _____ e. ~~Warrant Analysis and Assessment~~
- ~~YES~~ ~~NO~~ _____ f. ~~Recommendations~~

~~YES~~ ~~NO~~ _____ 4. ~~Traffic Signal Design (Conducted at the PS&E Level)~~

- a. ~~General Requirements~~
- ~~• Contact Local Utility Company, conduct joint field investigation, determine service drop locations, determine need for adjustment of overhead utility lines~~
 - ~~• Prepare General Notes for Traffic signal installation~~
 - ~~• Prepare governing specifications and provisions~~
 - ~~• Prepare Cost Estimate for Traffic signal installation~~
 - ~~• Select TxDOT standard sheets~~
- b. ~~Basis of estimate sheet (list of materials)~~
- c. ~~General notes sheet~~
- d. ~~Condition diagram~~
- ~~• Existing intersection design features~~
 - ~~• Adjacent Roadside development~~
 - ~~• Existing traffic control including illumination~~
- e. ~~Proposed Signal Plan Layouts~~
- ~~• Existing traffic control devices that will remain (signs and markings)~~
 - ~~• Existing utilities~~
 - ~~• Proposed highway improvements~~

- Proposed installation
 - Proposed additional traffic controls devices (signs and markings)
 - Proposed illumination attached to signal poles
 - Proposed controller and foundation
 - Proposed service drop
 - Loop detector locations and connections
 - Proposed signal head orientation
 - Intersection signing, pavement markings and wheel chair ramps
- f. Signal Phasing and Timing
- Phase sequence diagram
 - Interval timing, cycle length and offsets
- g. Electrical Schedule Table
- Wire and conduit sizes by cable run
 - Quantities by cable run
 - Loop detector cables
 - Signal cables
 - Pedestrian cables
 - Safety lighting cables
- h. TxDOT Standard Sheets
- Signal Pole Details
 - Loop Detector details
 - Pull Box and conduit details
 - Controller Foundation details
 - Signal Pole foundation details and quantities
 - Mast Arm details and quantities
 - Traffic control for installation of traffic signals

MISCELLANEOUS (ROADWAY)

(Task 163)

Services

Provided By:

Engineer AUTHORITY

~~YES~~ ~~NO~~ 1. Preliminary Roadway Illumination Requirements (Conducted at the schematic level)

a. ~~Determine Safety Lighting Requirements:~~

- ~~(1) At Entrance Ramps (merging areas)~~
- ~~(2) At Exit Ramps (diverging areas)~~
- ~~(3) At Overpasses (Underpass Lighting)~~
- ~~(4) At Critical Locations where safety is an issue~~

b. ~~Calculate Preliminary Quantities and Cost Estimate for Roadway Illumination~~

~~YES~~ ~~NO~~ 2. Final Roadway Illumination Design (Conducted at the PS&E Level) (Safety Lighting)

~~YES~~ ~~YES~~ a. ~~Geotechnical Report with Boring Logs required for foundation design~~

~~YES~~ ~~NO~~ b. ~~General Requirements~~

- ~~(1) Develop wiring connections~~
- ~~(2) Calculate voltage drops~~
- ~~(3) Contact Local Utility Company, conduct joint field investigation, determine power requirements and sources for each circuit~~
- ~~(4) Prepare General Notes for Roadway Illumination~~
- ~~(5) Prepare governing specifications and provisions~~
- ~~(6) Prepare Cost Estimate for Roadway Illumination~~
- ~~(7) Select TxDOT standard sheets~~

~~YES~~ ~~NO~~ c. ~~Safety Roadway Illumination layouts (1"=100' scale) showing:~~

- ~~(1) Pavement edges, shoulders, curbs, retaining walls, etc.~~
- ~~(2) Center line with station numbering.~~
- ~~(3) ROW lines.~~
- ~~(4) Symbol legend. Use TxDOT standard symbols for lighting and electrical design.~~
- ~~(5) Culverts and other structures that present a hazard to traffic.~~
- ~~(6) Location of underground utilities, if not shown on plan profile.~~
- ~~(7) Location of overhead electrical lines, both crossing and parallel to ROW.~~
- ~~(8) Existing lighting equipment to remain, to be removed, to be relocated.~~
- ~~(9) Location of proposed roadway lighting equipment.~~
- ~~(10) Lighting Equipment Table showing, station and offset of proposed lighting fixtures, light intensity, lighting pattern.~~
- ~~(11) Lighting Quantities Table~~

~~YES~~ ~~NO~~ d. ~~Circuit Diagrams, showing:~~

- ~~(1) Service drop details~~
- ~~(2) Control panel details~~
- ~~(3) Lighting equipment~~
- ~~(4) Wiring connections~~
- ~~(5) Proposed conductor sizes and lengths~~
- ~~(6) Proposed conduits~~
- ~~(7) Proposed Ground Boxes~~

~~YES~~ ~~NO~~ e. ~~Continuous Illumination and/or high mast~~

~~YES~~ ~~NO~~ f. ~~Quantities Summary Table~~

~~YES~~ ~~NO~~ g. ~~Electrical Service Summary Sheet~~

~~NO~~ ~~NO~~ h. ~~Continuous Illumination Design~~

~~YES~~ ~~NO~~ I. ~~Continuous Illumination Design Study~~

3. ~~Retaining Walls~~

a. ~~Structural Details~~

~~NO~~ ~~NO~~ (1) ~~Cast in Place Cantilever.~~

~~NO~~ — ~~NO~~ — (2) Tieback Retaining Wall.
~~NO~~ — ~~NO~~ — (3) Specialized Retaining Wall.

Services
Provided By:
Engineer AUTHORITY

- b. Alternate Patented Retaining Walls at all locations. (Layouts Only)
- YES NO
~~NO~~ ~~NO~~
- (1) Mechanically Stabilized Earth
(2) ~~Concrete Block Wall Systems~~
- YES NO c. Retaining Wall Layout (PLAN)
- (1) ~~Designation of reference line~~
(2) ~~Beginning and ending retaining wall stations~~
(3) ~~Station of each retaining wall joint (if necessary based on wall type)~~
(4) ~~Offset from reference line~~
(5) ~~Horizontal curve data~~
(6) ~~Number of retaining wall panels and lengths (if necessary based on wall type)~~
(7) ~~Total length of wall~~
(8) ~~Indicate face of wall~~
(9) ~~All wall dimensions and alignment relations (alignment data as necessary)~~
(10) ~~Soil core hole locations~~
- YES NO d. Retaining Wall Layout (ELEVATION)
- (1) ~~Top of wall elevations at each joint or intervals~~
(2) ~~Existing and finished ground line elevations~~
(3) ~~Height of stem at each joint (if necessary based on wall type)~~
(4) ~~Wall panel designations (if necessary based on wall type)~~
(5) ~~Top of footing elevations (if necessary based on wall type)~~
(6) ~~Limits of measurement for payment~~
(7) ~~Type, limits and anchorage details of railing (If applicable)~~
(8) ~~Top and bottom of wall profiles and soil core hole data plotted at correct station and elevation. The plot shall be at the same scale as the wall profile. Ground water elevations and the observation date shall be shown.~~
- YES NO e. Foundation Studies. The soil core holes shall be obtained at approximately 200 foot intervals along retaining wall alignments.
- YES NO f. Slope Stability Analysis.
- YES NO g. Embankment Foundation Stability Analysis
- YES NO h. Embankment Settlement Analysis
- YES NO i. Estimate
- YES NO j. Summary of Quantities
- YES NO k. Typical cross section.
- YES NO l. General Guidelines for Retaining Walls
- (1) The engineer shall make final design calculations and final detail drawings in accordance with standard requirements of the Texas Department of Transportation.
(2) The ground water level should be observed at the water strike.
(3) For purposes of uniformity statewide, soil core hole data shall be shown on layouts as illustrated in the Bridges and Structures Foundation Exploration and Design Manual.
- YES NO 4. Traffic Control Plan, Detours and Sequence of Construction
- Traffic Control Plans (TCP) are required for all projects. A detailed TCP shall be developed when traffic handling during construction involves complications for which a feasible solution is not covered by the Texas MUTCD or the current Barricade and Construction (BC) Standards. The following items are required on all Traffic Control Plan Layouts:
- a. General Notes indicating the requirement and sequence of construction phasing.
b. The sequence of construction and method of handling traffic during each phase.

Services
Provided By:
Engineer AUTHORITY

- ~~c. The existing and proposed traffic control devices that will be used to handle traffic during each construction sequence. Include signals, regulatory signs, warning signs, construction warning signs, guide signs, route markers, construction pavement markings, channelizing devices, portable changeable message signs, flashing arrow boards, barricades, barriers, etc.~~
- ~~d. The proposed traffic control devices (stop signs, signals, flagging, etc.) at grade intersections during each construction sequence.~~
- ~~e. Where detours are provided, a plan view and typical sections shall be shown.~~

5. ~~Miscellaneous Drafting/Standards~~

- ~~YES NO a. Erosion Control~~
- ~~YES NO b. Hardscape Development (Aesthetics for concrete structures form liners at bridge, caps columns bents and retaining walls)~~

YES NO 6. Compute and Tabulate Quantities

YES NO 7. Specifications, Special Provisions, Special Specifications

- a. Use the TxDOT standard specifications or previously approved special provisions and/or special specifications. If a special provision and/or special specification is developed for this project, it shall be in the TxDOT's format and, to the extent possible, incorporate references to approved State test procedures.

~~YES YES 8. Tolling Infrastructure~~

- ~~a. From the Preliminary Tolling Gantry locations identified by the AUTHORITY prepare plans that identify conduit layouts and pull boxes with respect to the pavement sections, ditch cross sections, and right of way lines. The conduit layouts within the pavement structure shall be shown to be placed within a concrete pavement section. All other Tolling appurtenances (Supports, foundations, wiring, cameras, buildings etc.) will be provided by the AUTHORITY.~~

BRIDGE DESIGN

(Task 170)

Services
 Provided By:
 Engineer AUTHORITY

			<u>NUMBER REQUIRED</u>
		1. Preparation of Structural Details	
		a. New Structure(s)	
<u>NO</u>	<u>NO</u>	(1) Underpass(es) (McCull Rd)	<u>1</u>
<u>YES</u>	<u>NO</u>	(2) Overpasses (2 Each) (FM 494-Shary Rd, SP 115-23 rd)	<u>2</u>
<u>N/A</u>	<u>N/A</u>	(3) Main Lanes (SH 336 – 10 th Street)	<u>2</u>
<u>N/A</u>	<u>N/A</u>	(4) Direct Connector(s)	_____
<u>YES</u>	<u>NO</u>	(5) Ramp Bridge(s) (Ware Rd exit, SP115 exit/entr)	<u>3</u>
<u>YES</u>	<u>NO</u>	(6) Waterway Structure(s) (Floodway) USIBWC Floodway between SP 115 (23 rd Street) and Ware Rd; Pharr/San Juan Irrigation Canal	<u>3</u>
<u>N/A</u>	<u>N/A</u>	(7) Pedestrian Structure(s)	_____
<u>N/A</u>	<u>N/A</u>	(8) Utility Structure(s)	_____
<u>N/A</u>	<u>N/A</u>	(9) Railroad Underpass(es)	_____
<u>YES</u>	<u>NO</u>	(10) Railroad Overpass(es) (FM 1016/UP, UP)	<u>_____</u>
<u>N/A</u>	<u>N/A</u>	(11) Bridge Classification Culvert(s)**	_____
<u>N/A</u>	<u>N/A</u>	(12) Alternate Structural Designs	_____
<u>N/A</u>	<u>N/A</u>	(13) Alternate Foundation Design	_____
		Total New Structures =	<u>8</u>
		b. Existing Structure(s)	
<u>NO</u>	<u>NO</u>	(1) Bridge Widening, Rehabilitation and/or Modification of Existing Structure(s)	<u>_____</u>
<u>NO</u>	<u>NO</u>	(2) Bridge Replacement	<u>_____</u>
<u>NO</u>	<u>NO</u>	(3) Raising Bridge Elevation	<u>_____</u>
<u>NO</u>	<u>NO</u>	(4) Bridge Classification Culvert(s) Widening and/or Modification of Existing Structures(s)	<u>_____</u>
<u>N/A</u>	<u>N/A</u>	(5) Railroad Overpass(es)	<u>_____</u>
<u>N/A</u>	<u>N/A</u>	(6) Railroad Underpass(es)	<u>_____</u>
		Total Existing Structures =	<u>0</u>

** In the early stages of a project, it sometimes cannot be determined whether a Waterway Bridge Structure or a Bridge Classification Culvert (20' minimum length) will be required. Therefore, the engineer should be aware that either of these two types of bridges may be reclassified later in the project for the other type when more information is known that would dictate a change in structure classification.

** Above bridge structures identified above occur in SH 365 Segment 0031 from FM 396 to East of McColl Road (Sta. 986+00)

Services
Provided By:
Engineer AUTHORITY

YES NO 2. Preparation of Bridge Layouts
The Engineer will prepare the bridge layouts in compliance with the latest TxDOT Pharr District bridge layout checklist.

~~YES NO 3. Bridge Classification Culvert, Estimate, Quantities, and Specifications (each bridge)~~

~~YES NO 4. Foundation Studies
The minimum number of soil core holes shall be obtained in accordance with Chapter 2, Section 4 of the TxDOT Bridge Geotechnical Manual. Texas Cone Penetrometer (TCP) tests shall be conducted in all soil types encountered at a maximum of (5 foot) intervals.~~

YES NO 5. Bridge Total Quantities and Cost Estimates (each bridge)

YES NO 6. Bridge Special Provisions and Specifications (each bridge)

~~YES NO 7. Bearing seat elevations for each girder. Top of cap elevations for non-girder type structures.~~

YES NO 8. General Guidelines for Bridge Design

- a. The engineer shall prepare a bridge layout of each bridge structure for AUTHORITY and TxDOT's review and approval. The bridge layout shall be in conformance with the latest TxDOT's requirements.
- b. The engineer shall make final design calculations and final detail drawings in conformance with the Texas Department of Transportation Bridge Design Manual - LRFD, the current American Association of State Highway and Transportation Officials (AASHTO) LRFD Bridge Design Specifications, and the TxDOT Bridge Geotechnical Manual.
- ~~c. Structural steel or prestressed concrete shop drawings, form work drawings and false work drawings are not part of the design requirements. However, contract plans shall be in sufficient detail to permit the preparation of complete shop details for fabrication and erection.~~
- d. Standard drawings for beams, girders, railings, riprap, etc., shall be furnished to the engineer upon request. These standards shall not be redrawn by the engineer nor shall his title block be transferred to the standard drawings. Modifications to the standards, if necessary, shall be clearly identified and designated by "MOD" in the standard title. Specific special drawings prepared by the engineer shall not be identified as standards.
- e. ~~Geometry and structural design errors found after acceptance of bridge plans shall be promptly corrected by the Engineer at no cost to the AUTHORITY.~~

PROJECT MANAGEMENT

(Task 164)

Services

Provided By:

Engineer AUTHORITY

- YES YES 1. Meetings
Meetings will be held with the AUTHORITY, TxDOT, FHWA, State Officials, local governments, property owners, utility owners, other consulting firms, etc., as needed or required by the AUTHORITY and TxDOT. The engineer shall coordinate through the AUTHORITY for the development of this project with any local entity having jurisdiction or interest in the project (i.e. AUTHORITY, county, etc).
- YES NO 2. Project Manager/Engineer Communication
Engineer shall comply with all requirements stated in the ~~Pass Through~~ Agreement between AUTHORITY and TxDOT. However, no further coordination with TxDOT will be required.
- YES YES 3. Quality Assurance/ Quality Control
The Engineer shall perform quality assurance and quality control (QA/QC) on all deliverables associated with this project as follows:
- a) The Project Manager will continually review the quality, progress and cost of the various tasks assigned to all firms within the team. Quality review will include technical requirements.
 - b) Peer review will be provided at all levels.
 - c) An independent engineer, within the Engineer's firm, will assure that the project constructability requirements (details, specifications, plan notes, etc.) are met.
- YES YES 4. Submittals to AUTHORITY and TxDOT for review and approval
- a) When ~~30% and~~ final design is completed the Engineer shall submit all the required design information as specified on the ~~Pass Through~~ Agreement to AUTHORITY and TxDOT for review and approval.
 - b) Final documents and information exchange of data, Plan Sheets, General Notes and/or Specifications provided to the AUTHORITY shall be furnished on a USB flash drives. Each flash drive shall have a file titled Table of Contents. The Table of Contents shall indicate the locations of files within the directory structure of the documentation. General Notes and specifications shall be provided in MS Office 2007 Word format or later. Plan sheets shall be provided in Microstation DGN or GEOPAK GPK format. PDF copies of plan sheets shall be provided during review submittals. If required, the engineer shall provide to the AUTHORITY, an external hard drive that contains all the plan sheets for the project.

CONSTRUCTION MANAGEMENT
(Task 320)

Services
Provided By:
Engineer HCRMA

- ~~NO*~~ YES 1. ~~Construction Bidding Assistance~~
After acceptance by AUTHORITY of the Bidding Documents and upon written authorization by AUTHORITY to proceed, Engineer shall:
- ~~a) Assist AUTHORITY in advertising for and obtaining bids or proposals for the Work and, where applicable, maintain a record of prospective bidders to whom Bidding Documents have been issued;~~
 - ~~i. Attend pre Bid conferences~~
 - ~~b) Develop Addenda for AUTHORITY as appropriate to clarify, correct, or change the Bidding Documents. (Task performed by the PMC (GEC) assisted by Engineer)~~
 - ~~e) Provide Project design information or assistance needed by AUTHORITY in the course of the bid submittal with prospective contractors. (Task performed by the PMC (GEC) assisted by Engineer)~~
 - ~~d) Advise the AUTHORITY as to the acceptability of subcontractors, suppliers, and other individuals and entities proposed by prospective contractors for those portions of the Work as to which such acceptability is required by the Bidding Documents.~~
 - ~~e) Attend the Bid opening, prepare Bid tabulation sheets, and assist AUTHORITY in evaluating Bids and recommend award of contract.~~

- YES YES 2. ~~Services during Construction~~
Upon successful completion of the Bidding, and upon concurrence from HCRMA, Engineer shall:
- ~~a) Pre Construction Conference. Participate in a Pre Construction Conference (if required) prior to commencement of Work at the Site. (Task performed by PMC (GEC) assisted by Engineer)~~
 - ~~b) Change Orders. Provide related services such as: Preparing Engineering drawings required for change orders correcting errors and omissions on the plans.~~
 - ~~e) Review and approval of Shop Drawings. Review and approve or take other appropriate action in respect to Shop Drawings and other data which Contractor is required to submit, but only for conformance with the information given in the Contract Documents and compatibility with the design concept of the completed Project as a functioning whole as indicated by the Contract Documents. Such reviews and approvals or other action will not extend to means, methods, techniques, sequences, or procedures of construction or to safety precautions and programs incident thereto. (This task will be performed by the Engineer and reviewed/managed by PMC (GEC))~~
 - ~~d) Substitutes and "or equal." Evaluate and determine the acceptability of substitute or "or equal" materials and equipment proposed by Contractor.~~
 - ~~e) Interpretation of Intent. The Engineer shall provide interpretation and clarification of design intent throughout the construction of the project.~~

(* = Task anticipated to be handled by AUTHORITY/PMC - except where identified in Attachment "D")

EXHIBIT C
WORK SCHEDULE

SH 365 PLAN DEVELOPMENT
From West of FM 396 (Bryan Rd.) to East of McColl Rd
Exhibit "C" - Supp #3 to W.A. #3 - Work Schedule

ID	Task Name	Duration	Month			
			Jan	Feb	Mar	Apr
1						
2	PROJECT PLAN DEVELOPMENT	44 days				
3	Revise PS&E - Implement Rigid Pavement Design	24 days		1 month		
4	Submit 95% PS&E	1 day		Feb 26, 2016		
5	Complete PS&E Development	21 days			1 month	
6	Submit 100% PS&E	1 day			March 25, 2016	
7	PROJ. MGMT. & QUALITY CONTROL	44 days				
8	FC 145 - Project Management	44 days		2 months		
9	Final Mylar Set (100%) revisions & submittal	21 days			1 mo	

Adv. Proj. Development 
 P.S. & E. Development 

Project Management 
 HCRMA/ TxDOT Review 

EXHIBIT D

FEE SCHEDULE/BUDGET

EXHIBIT D
 FEE SCHEDULE FOR SH 365 (PS + E) SERVICES
 LIMITS: FROM WEST OF FM 396 (BRYAN RD) TO EAST OF MCCOLL RD
 L G CONSULTING ENGINEERS, INC.

MAXIMUM AMOUNT PAYABLE SH 365 PROJECT (CSJ: 3627-01-001) PLANS, SPECIFICATIONS AND ESTIMATE SERVICES Develop PS&E for Proposed SH 365 Project (Supplemental For 1 New Rigid Pavement Design) L&G CONSULTING ENGINEERS, INC.													
NO. OF DWGS	SHEET	BASIC SERVICES DESCRIPTION	ACTUAL HRS PER SHT	TOT TASK HRS	Target Hrs per Sheet	SR PM	Senior Engineer	Design Engineer	EIT	CADD Operator	Admin/Clerical	Total Labor Hrs.	Task Cost
I. GENERAL													
FC 163 - MISCELLANEOUS (ROADWAY)													
1	1	TITLE SHEET	2	2	26		0	1	0	1		2	\$ 183.40
3	2 - 4	3 - INDEX OF SHEETS (RIGID PVMT DES)	6	19	20	2	4	3	0	10		19	\$ 2,200.82
0-TYPICAL SECTIONS - CONFIGURATION (LANES/SHOULDERS/CUT/FILL/ETC) (PAVEMENT DESIGN):													
11	5 - 15	11 - PROP TYPICAL SECTIONS (RIGID PVMT DES)	3	38	15	2	6	12		18		38	\$ 4,159.16
30	16 - 45	30 - GENERAL NOTES & SPECIFICATION DATA (RIGID PVMT DES)	2	57	8	2	3	16	16	20		57	\$ 5,495.79
3	46 - 48	3 - ESTIMATE & QUANTITY SHEETS (RIGID PVMT DES)	25	74	22	2	10	16	20	26		74	\$ 7,516.32
3	49 - 51	3 - SUMMARY OF ROADWAY QUANTITIES (RIGID PVMT DES)	0	0	16			0	0	0		0	\$ -
4	52 - 55	4 - SUMMARY OF EARTHWORK QUANTITIES (INCORPORATE GEOPAK EARTHWORK RUN INTO PLAN SHEETS) (RIGID PVMT DES)	21	84	8			24	36	24		84	\$ 7,311.12
II. TRAFFIC CONTROL PLANS (TCP)													
2	56 - 57	2 - SEQUENCE OF CONSTRUCTION NARRATIVE (RIGID PVMT DES)	20	40	20	2	10		20	8		40	\$ 4,451.36
57		SUB-TOTAL - FC 163 - MISCELLANEOUS (ROADWAY) (L&G ENGINEERING)		314		10	33	72	92	107	0	314	\$ 31,317.97
III. ROADWAY DETAILS													
FC 160 - ROADWAY DESIGN CONTROLS													
5	58 - 62	5 - INTERSECTING ROADS (RIGID PVMT DES)	3	14	30	0	2	0	4	8		14	\$ 1,218.54
5	63 - 67	5 - INTERSECTION LAYOUTS AND DETAILS (RIGID PVMT DES)	8	42	30	4	4	8	10	16		42	\$ 4,438.92
10		SUB-TOTAL - FC 160 - ROADWAY DESIGN CONTROLS (L&G ENGINEERING)		56		4	6	8	14	24	0	56	\$ 5,657.46

EXHIBIT D
 FEE SCHEDULE FOR SH 365 (PS + E) SERVICES
 LIMITS: FROM WEST OF FM 396 (BRYAN RD) TO EAST OF MCCOLL RD
 L G CONSULTING ENGINEERS, INC.

MAXIMUM AMOUNT PAYABLE SH 365 PROJECT (CSJ: 3627-01-001) PLANS, SPECIFICATIONS AND ESTIMATE SERVICES Develop PS&E for Proposed SH 365 Project (Supplemental For 1 New Rigid Pavement Design) L&G CONSULTING ENGINEERS, INC.													
NO. OF DWGS	SHEET	BASIC SERVICES DESCRIPTION	ACTUAL HRS PER SHT	TOT TASK HRS	Target Hrs per Sheet	SR PM	Senior Engineer	Design Engineer	EIT	CADD Operator	Admin/Clerical	Total Labor Hrs.	Task Cost
VII. BRIDGES													
FC 170 - BRIDGE DESIGN (ALL CHANGES ON BRIDGE DES DUE TO RIGID PVMT DES)													
0		FM 494 SHARY ROAD											
1	68 - 68	1 - BRIDGE LAYOUTS	9	9	9	1	2	2		4		9	\$ 1,094.19
1	69 - 69	1 - SUMMARY OF QUANTITIES (BRIDGE) AND BEARING SEAT ELEVATION	6	6	6	1	1	2		2		6	\$ 777.12
4	70 - 73	4 - ABUTMENTS - 1 TYPE	4	17	17		3	4		10		17	\$ 1,684.81
6		SUB-TOTAL SHEETS - 0 - FM 494 SHARY ROAD		32		2	6	8	0	16	0	32	\$ 3,556.12
FLOODWAY BRIDGE													
9	74 - 82	9 - BRIDGE LAYOUTS				1	2	2		4		9	\$ 1,094.19
1	83 - 83	1 - SUMMARY OF QUANTITIES (BRIDGE) AND BEARING SEAT ELEVATION	6	6	6	1	1	2		2		6	\$ 777.12
4	84 - 87	4 - ABUTMENTS	4	17	17		3	4		10		17	\$ 1,684.81
14		SUB-TOTAL SHEETS - 0 - FLOODWAY BRIDGE		32		2	6	8	0	16	0	32	\$ 3,556.12
WEST BOUND MAIN LANE CANAL BRIDGE													
1	88 - 88	1 - BRIDGE LAYOUTS	9	9	9	1	2	2		4		9	\$ 1,094.19
1	89 - 89	1 - SUMMARY OF QUANTITIES (BRIDGE) AND BEARING SEAT ELEVATION	6	6	6	1	1	2		2		6	\$ 777.12
4	90 - 93	4 - ABUTMENTS	4	17	17		3	4		10		17	\$ 1,684.81
6		SUB-TOTAL SHEETS - WEST BOUND MAIN LANE CANAL BRIDGE		32		2	6	8	0	16	0	32	\$ 3,556.12
EAST BOUND MAIN LANE CANAL BRIDGE													
1	94 - 94	1 - BRIDGE LAYOUTS	9	9	9	1	2	2		4		9	\$ 1,094.19
1	95 - 95	1 - SUMMARY OF QUANTITIES (BRIDGE) AND BEARING SEAT ELEVATION	6	6	6	1	1	2		2		6	\$ 777.12
4	96 - 99	4 - ABUTMENTS	4	17	17		3	4		10		17	\$ 1,684.81
6		SUB-TOTAL SHEETS - EAST BOUND MAIN LANE CANAL BRIDGE		32		2	6	8	0	16	0	32	\$ 3,556.12
BRIDGE STANDARDS (FOR BOTH L&G AND B2Z)													
1	100	BAS-C BRIDGE APPROACH SLAB	2	2	2		1			1		2	\$ 251.79
1		SUB-TOTAL SHEETS - BRIDGE STANDARDS (FOR BOTH L&G AND B2Z)		2		0	1	0	0	1	0	2	\$ 251.79

EXHIBIT D
 FEE SCHEDULE FOR SH 365 (PS + E) SERVICES
 LIMITS: FROM WEST OF FM 396 (BRYAN RD) TO EAST OF MCCOLL RD
 L G CONSULTING ENGINEERS, INC.

MAXIMUM AMOUNT PAYABLE SH 365 PROJECT (CSJ: 3627-01-001) PLANS, SPECIFICATIONS AND ESTIMATE SERVICES Develop PS&E for Proposed SH 365 Project (Supplemental For 1 New Rigid Pavement Design) L&G CONSULTING ENGINEERS, INC.													
NO. OF DWGS	SHEET	BASIC SERVICES DESCRIPTION	ACTUAL HRS PER SHT	TOT TASK HRS	Target Hrs per Sheet	SR PM	Senior Engineer	Design Engineer	EIT	CADD Operator	Admin/Clerical	Total Labor Hrs.	Task Cost
1		SUB-TOTAL BRIDGE SHEETS		130		8	25	32	0	65	0	130	\$ 14,476.27
		XI. CROSS SECTIONS											
		FC 163 - MISCELLANEOUS - CROSS SECTIONS											
239	101 - 339	239 - CROSS SECTIONS (RDWY & DETENTION) (11X17 SHEETS) (INCLUDES GEOPAK WORK WITH EARTHWORK CALCULATIONS) (RIGID PVMT DES)				8	40	60	90	210		408	\$ 37,320.68
239		SUB-TOTAL - FC 163 - MISCELLANEOUS - CROSS SECTIONS (L&G ENGINEERING)		408		8	40	60	90	210	0	408	\$ 37,320.68
339		GRAND TOTAL		973		34	116.5	188	196	438.5	0	973	\$ 88,772.38
		HOURS SUB-TOTALS		973		34	117	188	196	439	0	973	
		LABOR RATE PER HOUR				\$ 223.81	\$ 186.51	\$ 118.12	\$ 80.82	\$ 65.28	\$ 55.95		
		DIRECT LABOR COSTS				\$ 7,609.54	\$ 21,728.42	\$ 22,206.56	\$ 15,840.72	\$ 28,625.28	\$ -	\$ 96,010.52	
		TOTAL				\$ 7,609.54	\$ 21,728.42	\$ 22,206.56	\$ 15,840.72	\$ 28,625.28	\$ -	\$ 96,010.52	
		PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)				7.93%	22.63%	23.13%	16.50%	29.81%	0.00%	100.00%	
		PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOURS)				3.49%	11.97%	19.32%	20.14%	45.07%	0.00%	100.00%	
SUB-CONSULTANTS SUMMARY													
RGEC (FC 163) (ROADWAY ITEMS)												\$ 13,375.95	
BZZ (FC 170) (BRIDGE DESIGN)												\$ 10,175.22	
TEDSI (FC 162) (SIGNING & PAVEMENT MARKINGS)												\$ 4,688.10	
ETSI (FC 162&163) (SIGNALIZATION & ILLUMINATION)												\$ -	
GRAND TOTAL - INCLUDING DIRECT EXPENSES												\$ 117,011.65	

EXHIBIT D
 FEE SCHEDULE FOR SH 365 (PS + E) SERVICES
 LIMITS: FROM WEST OF FM 396 (BRYAN RD) TO EAST OF MCCOLL RD
 L G CONSULTING ENGINEERS, INC.

MAXIMUM AMOUNT PAYABLE SH 365 PROJECT (CSJ: 3627-01-001) PLANS, SPECIFICATIONS AND ESTIMATE SERVICES Develop PS&E for Proposed SH 365 Project L&G ENGINEERING LABORATORY, LLC								
SPECIAL SERVICES (GEOTECHNICAL) DESCRIPTION	SR PM	Geotechnical Engineer	Design Engineer	EIT	CADD Operator	Admin/Clerical	Total Labor Hrs.	Task Cost
FC 110 - GEOTECHNICAL								
GEOTECHNICAL EXPLORATION & LABORATORY TESTING								
STRUCTURAL/RETAINING WALL/EMBANKMENT								\$ -
MISCELLANEOUS BORINGS - OH SIGN BRIDGES/HIGH MAST LIGHTING								\$ -
SUB-TOTAL - GEOTECHNICAL EXPLORATION & LABORATORY TESTING	0	0	0	0	0	0	0	\$ -
FC 110 - GEOTECHNICAL								
GEOTECHNICAL ENGINEERING & REPORT								
DEVELOP PLAN VIEW OF BORING LOGS/BORING STRATIGRAPHY							0	\$ -
STRUCTURAL EVALUATION OF BORINGS/STRENGTH PROFILES							0	\$ -
DEVELOP FOUNDATION CAPACITY CURVES (VARIOUS OPTIONS)							0	\$ -
GLOBAL STABILITY MODELING OF EMBANKMENT/RETAINING WALLS							0	\$ -
SETTLEMENT ANALYSIS (APPROACH EMBANKMENT/RETAINING WALLS)							0	\$ -
FOUNDATION TYPE AND CONSTRUCTION RECOMMENDATIONS							0	\$ -
GEOTECHNICAL REPORT							0	\$ -
MEETING AND COORDINATION							0	\$ -
SUB-TOTAL - GEOTECHNICAL ENGINEERING & REPORT	0	0	0	0	0	0	0	\$ -
SUB-TOTAL WITHOUT DIRECT EXPENSES	0	0	0	0	0	0	0	\$ -
HOURS SUB-TOTALS	0	0	0	0	0	0	0	
LABOR RATE PER HOUR	\$ 253.08	\$ 144.06	\$ 132.38	\$ 109.02	\$ 73.98	\$ 46.72		
DIRECT LABOR COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -		\$ -
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOURS)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!		#DIV/0!
DIRECT EXPENSES								
PRINTING REPRODUCTION (ASSUME 150 PAGES X 3 COPIES PROVIDED X \$1.00 PER SHEET)								
SUB-TOTAL L&G LAB DIRECT EXPENSES								\$ -
GRAND TOTAL - INCLUDING DIRECT EXPENSES								\$ -

EXHIBIT D
 FEE SCHEDULE FOR SH 365 (PS + E) SERVICES
 LIMITS: FROM WEST OF FM 396 (BRYAN RD) TO EAST OF MCCOLL RD
 L G CONSULTING ENGINEERS, INC.

MAXIMUM AMOUNT PAYABLE
 SH 365 PROJECT (CSJ: 3627-01-001)
 PLANS, SPECIFICATIONS AND ESTIMATE SERVICES
 Develop PS&E for Proposed SH 365 Project
 L&G CONSULTING ENGINEERS, INC.

Attachment I
 Geotechnical Field and Laboratory Services
 SH 365 Project (FM 396 Anzalduas to East of McColl Rd.)
 Prepared for L&G Engineering (FY2013 Rates)

{Structural/Retaining Wall/Embank}

	SERVICES	UNITS	UNITS	UNIT COST	TOTAL COST
I.	Project Management / Review				
	A. Principal / Project Manager / Review	Hours			
	B. Senior Project Engineer (Staff)	Hours	13	\$ 132.38	\$ 1,720.94
	C. Typing and Clerical (Report)	Hours			
	D. Lodging	Day			
	E. Mileage	Mile			
	F. Air Travel	Trip			
II.	Utility Clearances / Boring Locates				
	A. Technician (Locate Borings)(Util Clr)	Hours	40	\$ 46.72	\$ 1,868.80
	B. Staff Engineer/Geologist/Scientist	Hours			
	C. Rebar (stakes with impalement covers)	Cost +12.5%			
	D. Vehicle Charge	Mile			
	E. Mileage	Mile	450	\$ 0.55	\$ 247.50
	F. Survey Locate Borings (X,Y,Z)	LS			\$ -
III.	Field Exploration				
	A Mobilization/Demobilization	Day	25	\$ 250.00	\$ 6,250.00
	B Field Exploration				
	1. TxDOT Drilling / Solid Auger / Wet Rotary	Feet	2250	\$ 27.00	\$ 60,750.00
	2. Texas Cone Penetration Tests	Ea.	450	\$ 15.00	\$ 6,750.00
	2a. Vane Shear Testing (Ret. Walls)	Ea.		\$ 35.00	\$ -
	3. Field Logger / Engineering Tech	Hour	250	\$ 46.72	\$ 11,680.00
	4. 24 Hr. Water Level Observations	Hour	25	\$ 46.72	\$ 1,168.00
	5. Piezometers	Each			
	6. Supp. Vehicle-Trailer, Tools Water Supply	Mile	2250	\$ 2.00	\$ 4,500.00
	7. Vehicle Charge	Mile	2250	\$ 0.55	\$ 1,237.50
IV	Engineering Data Analysis / Report				
	1. Staff Engineer	Hours			
	2. Engineering Spec. (Soil Classification)	Hours	33	\$ 124.59	\$ 4,111.47
	3. Engineering Spec. (Logs & Summaries)	Hours	33	\$ 124.59	\$ 4,111.47
	4. Moisture Content	Ea.	225	\$ 8.50	\$ 1,912.50
	5. Atterberg Limits	Ea.	225	\$ 65.00	\$ 14,625.00
	6. -200 Determination	Ea.	225	\$ 60.00	\$ 13,500.00
	7. Consolidation Tests	Ea.	24	\$ 475.00	\$ 11,400.00
	8. Unconfined Compression Testing	Ea.			\$ -
	9. Dry Unit Weight	Ea.			
	10. Soils Sulfate Content (Bridge)	Ea.	9	\$ 95.00	\$ 855.00
	Project Total				\$ 146,688.18

Attachment I
 Geotechnical Field and Laboratory Services
 SH 365 Project (FM 396 Anzalduas to East of McColl Rd.)
 Prepared for L&G Engineering (FY2013 Rates)

{Misc. Borings - OH Sign Brgs/High Mast Lights}

	SERVICES	UNITS	UNITS	UNIT COST	TOTAL COST
I.	Project Management / Review				
	A. Principal / Project Manager / Review	Hours			
	B. Senior Project Engineer (Staff)	Hours	2	\$ 132.38	\$ 264.76
	C. Typing and Clerical (Report)	Hours			
	D. Lodging	Day			
	E. Mileage	Mile			
	F. Air Travel	Trip			
II.	Utility Clearances / Boring Locates				
	A. Technician (Locate Borings)(Util Clr)	Hours	4	\$ 46.72	\$ 186.88
	B. Staff Engineer/Geologist/Scientist	Hours			
	C. Rebar (stakes with impalement covers)	Cost +12.5%			
	D. Vehicle Charge	Mile			
	E. Mileage	Mile	90	\$ 0.55	\$ 49.50
	F. Survey Locate Borings (X,Y,Z)	LS			\$ -
III.	Field Exploration				
	A Mobilization/Demobilization	Day	3	\$ 250.00	\$ 750.00
	B Field Exploration				
	1. TxDOT Drilling / Solid Auger / Wet Rotary	Feet	300	\$ 27.00	\$ 8,100.00
	2. Texas Cone Penetration Tests	Ea.	60	\$ 15.00	\$ 900.00
	2a. Vane Shear Testing (Ret. Walls)	Ea.		\$ 35.00	\$ -
	3. Field Logger / Engineering Tech	Hour	30	\$ 46.72	\$ 1,401.60
	4. 24 Hr. Water Level Observations	Hour	3	\$ 46.72	\$ 140.16
	5. Piezometers	Each			
	6. Supp. Vehicle-Trailer, Tools Water Supply	Mile	270	\$ 2.00	\$ 540.00
	7. Vehicle Charge	Mile	270	\$ 0.55	\$ 148.50
IV	Engineering Data Analysis / Report				
	1. Staff Engineer	Hours			
	2. Engineering Spec. (Soil Classification)	Hours	5	\$ 124.59	\$ 622.95
	3. Engineering Spec. (Logs & Summaries)	Hours	5	\$ 124.59	\$ 622.95
	4. Moisture Content	Ea.	30	\$ 8.50	\$ 255.00
	5. Atterberg Limits	Ea.	30	\$ 65.00	\$ 1,950.00
	6. -200 Determination	Ea.	30	\$ 60.00	\$ 1,800.00
	7. Consolidation Tests	Ea.		\$ 475.00	\$ -
	8. Unconfined Compression Testing	Ea.			\$ -
	9. Dry Unit Weight	Ea.			
	10. Soils Sulfate Content (Bridge)	Ea.	6	\$ 95.00	\$ 570.00
	Project Total				\$ 18,302.30

EXHIBIT D
 FEE SCHEDULE FOR SH 365 (PS + E) SERVICES
 LIMITS: FROM WEST OF FM 396 (BRYAN RD) TO EAST OF MCCOLL RD
 L G CONSULTING ENGINEERS, INC.

MAXIMUM AMOUNT PAYABLE SH 365 PROJECT (CSJ: 3627-01-001) PLANS, SPECIFICATIONS AND ESTIMATE SERVICES Develop PS&E for Proposed SH 365 Project L&G CONSULTING ENGINEERS, INC.									
SPECIAL SERVICES (SCHEMATIC RE-DESIGN : VE & PM RECOMMENDATIONS) DESCRIPTION	SR PM	Sr Engineer	Project Engineer	Sr Engineering Tech	Engineering Tech	CADD Operator	Admin/Clerical	Total Labor Hrs.	Task Cost
FC 160 - SCHEMATIC REDESIGN (VE & PM RECOMMENDATIONS)									
FM 494 & FLOODWAY BRIDGE RECONFIGURATION (INCLUDING END SPANS)								0	\$ -
REDUCE SH 336 OVERPASS END SPANS								0	\$ -
REMOVE GLASSCOCK RD UNDERPASS								0	\$ -
SIMPLIFY BRIDGE AESTHETICS								0	\$ -
RECONFIGURE TRAFFIC LANE ASSIGNMENTS AT 23RD ST/FLOODWAY/WARE RD								0	\$ -
RECONFIGURE TRAFFIC LANE ASSIGNMENTS AT FM 494/FM 396 (ANZALDUAS HWY)								0	\$ -
REMOVE TURNAROUNDS AT FM 494, SP 115 & SH 336 AND ADD RETAINING WALLS								0	\$ -
REMOVE RAMPS AT SP 115 & FM 494								0	\$ -
ADD BRIDGE TYPICAL SECTIONS (FM 494 & FLOODWAY NEW CONFIGURATION)								0	\$ -
REVISE CROSS SECTIONS (NEW TOPO DATA, BRIDGE SPAN REDUCTION & OVERWEIGHT DES)								0	\$ -
REVISE PROFILE (BRIDGE SPANS & LANE RECONFIGURATIONS)								0	\$ -
REVISE SCHEMATIC TO DISPLAY ULTIMATE VS. PHASE I								0	\$ -
SUB-TOTAL - FC 160 - SCHEMATIC REDESIGN (VE & PM RECOMMENDATIONS)	0	0	0	0	0	0	0	0	\$ -
APPROVAL OF SHOP DRAWING FOR COMPLIANCE WITH DESIGN REQUIREMENTS (TO BE INCLUDED ON FUTURE WA)									
REVIEW AND APPROVE RETAINING WALL SHOP DRAWINGS (MSE WALLS)		0	0					0	\$ -
REVIEW AND APPROVE PRE-STRESSED BRIDGE DECK PANELS (7 STRUCTURES)		0	0					0	\$ -
REVIEW AND APPROVE FORM LINER MOLDS FOR COMPLIANCE WITH SURFACE TREATMENTS (7 STRUCTURES)		0	0					0	\$ -
REVIEW AND APPROVE PRE-STRESSED BRIDGE GIRDERS (7 STRUCTURES)		0	0					0	\$ -
REVIEW AND APPROVE BRIDGE RAILING ELEMENTS (7 STRUCTURES)		0	0					0	\$ -
SUB-TOTAL - APPROVAL OF SHOP DRAWING FOR COMPLIANCE WITH DESIGN REQUIREMENTS (TO BE INCLUDED ON FUTURE WA)	0	0	0	0	0	0	0	0	\$ -
GRAND TOTAL	0	0	0	0	0	0	0	0	\$ -
HOURS SUB-TOTALS	0	0	0	0	0	0	0	0	
LABOR RATE PER HOUR	\$ 223.81	\$ 186.51	\$ 133.66	\$ 77.71	\$ 74.60	\$ 65.28	\$ 55.95		
DIRECT LABOR COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOURS)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
GRAND TOTAL									\$ -

EXHIBIT D
 FEE SCHEDULE FOR SH 365 (PS + E) SERVICES
 LIMITS: FROM FROM WEST OF FM 396 (BRYAN RD) TO EAST OF MCCOLL RD
 L G CONSULTING ENGINEERS, INC.

MAXIMUM AMOUNT PAYABLE SH 365 PROJECT (CSJ: 3627-01-001) PLANS, SPECIFICATIONS AND ESTIMATE SERVICES Develop PS&E for Proposed SH 365 Project (Supplemental For 1 New Rigid Pavement Design) Limits: From East of FM 494 to Bentsen Rd R GUTIERREZ ENGINEERING CORPORATION												
NO. OF DWGS	SHEET	BASIC SERVICES (ROADWAY) DESCRIPTION	ACTUAL HRS PER SHT	Target Hrs per Sheet	Principal	Project Manager	Project Engineer	EIT	CADD Operator	Admin/Clerical	Total Labor Hrs.	Task Cost
I. GENERAL												
FC 163 - MISCELLANEOUS (ROADWAY)												
0	0	0 - TYPICAL SECTIONS - CONFIGURATION (LANES/SHOULDERS/CUT/FILL/ETC) (PAVEMENT DESIGN):									0	
4	4	4 - PROP TYPICAL SECTIONS (RIGID PVMT DES)			1	2	4	8	16		31	\$ 3,311.03
2	5 - 6	2 - ESTIMATE & QUANTITY SHEETS			1	2	2	2	4		11	\$ 1,478.49
4	7 - 10	4 - SUMMARY OF ROADWAY QUANTITIES (RIGID PVMT DES)			0	0	0	0	0		0	\$ -
6	11 - 16	6 - SUMMARY OF EARTHWORK QUANTITIES (RIGID PVMT DES)			1	1	4	6	6		18	\$ 2,117.11
16		SUB-TOTAL - FC 163 - MISCELLANEOUS (ROADWAY)			3	5	10	16	26	0	60	\$ 6,906.63
IX. CROSS SECTIONS												
FC 163 - MISCELLANEOUS - CROSS SECTIONS												
0		CROSS SECTIONS (RDWY & OUTFALL) (RIGID PVMT DES)			2	4	8	18	28	0	60	\$ 6,469.32
0		SUB-TOTAL - FC 163 - MISCELLANEOUS - CROSS SECTIONS			2	4	8	18	28	0	60	\$ 6,469.32
16		TOTAL PS&E			5	9	18	34	54	0	120	\$ 13,375.95
HOURS SUB-TOTALS					5	9	18	34	54	0	120	
LABOR RATE PER HOUR					\$ 312.35	\$ 180.46	\$ 145.78	\$ 90.23	\$ 83.30	\$ 62.48		
DIRECT LABOR COSTS					\$ 1,561.75	\$ 1,624.14	\$ 2,624.04	\$ 3,067.82	\$ 4,498.20	\$ -	\$ 13,375.95	
TOTAL					\$ 1,561.75	\$ 1,624.14	\$ 2,624.04	\$ 3,067.82	\$ 4,498.20	\$ -		
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)					11.68%	12.14%	19.62%	22.94%	33.63%	0.00%	100.00%	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOURS)					4.17%	7.50%	15.00%	28.33%	45.00%	0.00%	100.00%	
DIRECT EXPENSES												
		DESCRIPTION			QUANTITY	RATE						\$ -
		MILEAGE (PROJECT SITE VISITS) (150 MILES)				\$0.60						\$ -
		11 X 17 COPIES (24 PLAN SHEETS @ 20 COPIES EACH)				\$1.50						\$ -
		11 X 17 MYLARS (24 PLAN SHEETS)				\$2.00						\$ -
		TOTAL DIRECT EXPENSES										\$ -
GRAND TOTAL - PS&E, SPECIAL SERVICES & DIRECT EXPENSES											\$ 13,375.95	

EXHIBIT D
 FEE SCHEDULE FOR SH 365 (PS + E) SERVICES
 LIMITS: OVERPASS AT 10TH ST (WB-EB) AND UNDERPASS AT MCCOLL
 LG CONSULTING ENGINEERS, INC.

B2Z ENGINEERING, LLC

NO. OF DWGS	SHEET	BASIC SERVICES (BRIDGE DESIGN) DESCRIPTION	SR PM	Senior Engineer	Design Engineer	EIT	CADD Operator	Admin/Clerical	Total Labor Hrs.	Task Cost
VI. BRIDGES										
FC 170 - BRIDGE DESIGN										
WEST BOUND MAIN LANE BRIDGE OVER 10TH STREET										
1	1	1 - BRIDGE LAYOUTS	1	2	2		4		9	\$ 1,042.47
1	2 - 2	1 - SUMMARY OF QUANTITIES (BRIDGE) AND BEARING SEAT ELEVATION	1	1	2		2		6	\$ 751.41
4	3 - 6	4 - ABUTMENTS - 1 TYPE		3	4		10		17	\$ 1,597.86
6		SUB-TOTAL - WEST BOUND MAIN LANE BRIDGE OVER 10TH STREET	2	6	8	0	16	0	32	\$ 3,391.74
EAST BOUND MAIN LANE BRIDGE OVER 10TH STREET										
1	7 - 7	1 - BRIDGE LAYOUTS	1	2	2		4		9	\$ 1,042.47
1	8 - 8	1 - SUMMARY OF QUANTITIES (BRIDGE) AND BEARING SEAT ELEVATION	1	1	2		2		6	\$ 751.41
3	9 - 11	3 - ABUTMENTS		3	4		10		17	\$ 1,597.86
5		SUB-TOTAL - 0 - EAST BOUND MAIN LANE BRIDGE OVER 10TH STREET	2	6	8	0	16	0	32	\$ 3,391.74
MCCOLL UNDERPASS BRIDGE										
1	12 - 12	1 - BRIDGE LAYOUTS	1	2	2		4		9	\$ 1,042.47
1	13 - 13	1 - SUMMARY OF QUANTITIES (BRIDGE) AND BEARING SEAT ELEVATION	1	1	2		2		6	\$ 751.41
3	14 - 16	3 - ABUTMENTS		3	4		10		17	\$ 1,597.86
5		SUB-TOTAL - MCCOLL UNDERPASS BRIDGE	2	6	8	0	16	0	32	\$ 3,391.74
		SUB-TOTAL BRIDGE	6	18	24	0	48	0	96	\$ 10,175.22
16		TOTAL PS&E	6	18	24	0	48	0	96	\$ 10,175.22
HOURS SUB-TOTALS			6	18	24	0	48	0	96	
LABOR RATE PER HOUR			\$ 222.75	\$ 166.32	\$ 118.80	\$ 77.22	\$ 62.37	\$ 53.46		
DIRECT LABOR COSTS			\$ 1,336.50	\$ 2,993.76	\$ 2,851.20	\$ -	\$ 2,993.76	\$ -	\$ 10,175.22	
TOTAL			\$ 1,336.50	\$ 2,993.76	\$ 2,851.20	\$ -	\$ 2,993.76	\$ -	\$ 10,175.22	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)			13.13%	29.42%	28.02%	0.00%	29.42%	0.00%	100.00%	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOURS)			6.25%	18.75%	25.00%	0.00%	50.00%	0.00%	100.00%	
GRAND TOTAL - PS&E										\$ 10,175.22

EXHIBIT D
 FEE SCHEDULE FOR SH 365 (PS + E) SERVICES
 LIMITS: FROM WEST OF FM 396 (BRYAN RD) TO EAST OF MCCOLL RD
 LG CONSULTING ENGINEERS, INC.

MAXIMUM AMOUNT PAYABLE
 SH 365 PROJECT (CSJ: 3627-01-001)
 PLANS, SPECIFICATIONS AND ESTIMATE SERVICES
 Limits: From West of FM 396 (Bryan Rd) to East of McColl Rd
 Develop PS&E for Proposed SH 365 Project (Supplemental For 1 New Rigid Pavement Design)
 TEDSI INFRASTRUCTURE GROUP, INC.

NO. OF DWGS	SHEET	BASIC SERVICES (SIGNING & PAVEMENT MARKINGS) DESCRIPTION	ACTUAL HRS PER SHT	PM	Sr Engineer (V)	Project Engineer (V)	Project Engineer (III, IV)	EIT	Sr Engineering Technician	Cadd Operator	Admin/ Clerical	Total Labor Hrs.	Task Cost
		VII. TRAFFIC ITEMS											
		FC 162 - SIGNING, PAVEMENT MARKINGS AND SIGNALIZATION											
		<u>PAVEMENT MARKINGS DESIGN (100% SUBMITTALS UNLESS OTHERWISE NOTED)</u>											
		GENERAL NOTES FOR PAVEMENT MARKINGS (100%)			1							1	\$202.10
1	1	SUMMARY OF QUANTITIES, 1 SHT	8		4					4		8	\$1,139.72
0		0 - PAVEMENT MARKING LAYOUTS											
26	2 - 27	26 - SH 365	1		8					16		24	\$2,942.08
0		0 - COST ESTIMATE (100% SUBMITTAL)			2							2	\$404.20
27		SUB-TOTAL - FC 162 - SIGNING, PAVEMENT MARKINGS AND SIGNALIZATION		0	15	0	0	0	0	20	0	35	\$4,688.10
		HOURS SUB-TOTALS		0	15	0	0	0	0	20	0	35	
		LABOR RATE PER HOUR		\$208.72	\$202.10	\$149.09	\$132.52	\$115.96	\$99.39	\$82.83	\$66.26		
DIRECT LABOR COSTS				\$ -	\$ 3,031.50	\$ -	\$ -	\$ -	\$ -	\$ 1,656.60	\$ -	\$ 4,688.10	
TOTAL				\$ -	\$ 3,031.50	\$ -	\$ -	\$ -	\$ -	\$ 1,656.60	\$ -		
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)				0.00%	64.66%	0.00%	0.00%	0.00%	0.00%	35.34%	0.00%	100.00%	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOURS)				0.00%	42.86%	0.00%	0.00%	0.00%	0.00%	57.14%	0.00%	100.00%	
DIRECT EXPENSES													
		Mileage		mile	\$0.565								\$0.00
		8.5" x 11" copies		sheet	\$1.00								\$0.00
		11"x17" copies (4-30%, 4-60%, 4-90%, 12-100%)		sheet	\$1.50								\$0.00
		11"x17" Mylar (1 SET)		sheet	\$2.00								\$0.00
		Color Plots		sq ft	\$4.00								\$0.00
		Overnight Mail - Letter Size		each	\$15.00								\$0.00
		Overnight Mail - Oversized Box		each	\$25.00								\$0.00
TOTAL DIRECT EXPENSES													\$0.00
GRAND TOTAL - TRAFFIC & DIRECT EXPENSES													\$4,688.10

EXHIBIT D
 FEE SCHEDULE FOR SH 365 (PS + E) SERVICES
 LIMITS: FROM WEST OF FM 396 (BRYAN RD) TO EAST OF MCCOLL RD
 LG CONSULTING ENGINEERS, INC.

MAXIMUM AMOUNT PAYABLE SH 365 PROJECT (CSJ: 3627-01-001) PLANS, SPECIFICATIONS AND ESTIMATE SERVICES Develop PS&E for Proposed SH 365 Project ERGONOMIC TRANSPORTATION SOLUTIONS, INC.										
NO. OF DWGS	SHEET	BASIC SERVICES (SIGNALIZATION & ILLUMINATION) DESCRIPTION	SR PM	Senior Engineer	Design Engineer	Trans Engineer	CADD Operator	Admin/Clerical	Total Labor Hrs.	Task Cost
		VIII. TRAFFIC ITEMS								
		0 - FC 162 - SIGNING, PAVEMENT MARKINGS AND SIGNALIZATION								
		0 - SIGNALIZATION (3 INTERCHANGES)								
0		FIELD INVESTIGATION AND DATA COLLECTION							0	\$ -
0		GENERAL NOTES FOR SIGNALIZATION							0	\$ -
1		BASIS OF ESTIMATE SUMMARY							0	\$ -
3		CONDITION DIAGRAMS							0	\$ -
3		PROPOSED SIGNAL LAYOUTS							0	\$ -
3		SIGNAL PHASING AND TIMING							0	\$ -
3		ELECTRICAL SCHEDULE							0	\$ -
0		CROSS WALK AND CURB RAMP DESIGN							0	\$ -
12		STANDARD SHEETS FOR SIGNALIZATION							0	\$ -
0		SPECIFICATIONS							0	\$ -
0		COST ESTIMATE							0	\$ -
0		COORDINATION AND PROGRESS MEETINGS							0	\$ -
25		SUB-TOTAL - FC 162 - SIGNING, PAVEMENT MARKINGS AND SIGNALIZATION	0	0	0	0	0	0	0	\$ -
		FC 163 - MISCELLANEOUS - ILLUMINATION								
		0- ILLUMINATION DESIGN:								
0		GENERAL NOTES FOR ILLUMINATION							0	\$ -
1		QUANTITIES SUMMARY							0	\$ -
24		PROPOSED ILLUMINATION LAYOUTS							0	\$ -
0		VOLTAGE DROP CALCULATIONS							0	\$ -
5		WIRING DIAGRAMS							0	\$ -
2		SPECIAL MOUNTING DETAILS							0	\$ -
12		STANDARD SHEETS							0	\$ -
0		SPECIFICATIONS							0	\$ -

EXHIBIT D
 FEE SCHEDULE FOR SH 365 (PS + E) SERVICES
 LIMITS: FROM WEST OF FM 396 (BRYAN RD) TO EAST OF MCCOLL RD
 LG CONSULTING ENGINEERS, INC.

MAXIMUM AMOUNT PAYABLE SH 365 PROJECT (CSJ: 3627-01-001) PLANS, SPECIFICATIONS AND ESTIMATE SERVICES Develop PS&E for Proposed SH 365 Project ERGONOMIC TRANSPORTATION SOLUTIONS, INC.										
NO. OF DWGS	SHEET	BASIC SERVICES (SIGNALIZATION & ILLUMINATION) DESCRIPTION	SR PM	Senior Engineer	Design Engineer	Trans Engineer	CADD Operator	Admin/Clerical	Total Labor Hrs.	Task Cost
0		COST ESTIMATE							0	\$ -
0		COORDINATION AND PROGRESS MEETINGS							0	\$ -
44		SUBTOTAL FC 163 - ILLUMINATION	0	0	0	0	0	0	0	\$ -
		FC 163 - MISCELLANEOUS - TRAFFIC SIGNAL WARRANT STUDIES (NOT REQUIRED ON THIS WA, TO BE DONE BY TEDSI ON THE US 281 PROJECT)								
0		FIELD INVESTIGATION AND DATA COLLECTION							0	\$ -
0		ASSESSMENT OF COUNTS AND SPOT SPEED DATA							0	\$ -
0		ACCIDENT DATA AND ANALYSIS							0	\$ -
0		COLLISION DIAGRAMS							0	\$ -
0		TRAFFIC ANALYSIS AND PROJECTIONS							0	\$ -
0		WARRANT ANALYSES							0	\$ -
0		PHOTO ALBUM							0	\$ -
0		WARRANT STUDY REPORT							0	\$ -
0		PROJECT COORDINATION							0	\$ -
0		SUB-TOTAL - FC 163 - MISCELLANEOUS - TRAFFIC SIGNAL WARRANT STUDIES (NOT REQUIRED ON THIS WA, TO BE DONE BY TEDSI ON THE US 281 PROJECT)	0	0	0	0	0	0	0	\$ -
69		GRAND TOTAL	0	0	0	0	0	0	0	\$ -
		HOURS SUB-TOTALS	0	0	0	0	0	0	0	
		LABOR RATE PER HOUR	\$ 158.85	\$ 112.05		\$ 97.08	\$ 69.34	\$ 56.73		
		DIRECT LABOR COSTS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		TOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
		PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
		PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOURS)	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	
TOTAL DIRECT EXPENSES (FROM BELOW)										\$ -
GRAND TOTAL - INCLUDING DIRECT EXPENSES										\$ -

EXHIBIT D
 FEE SCHEDULE FOR SH 365 (PS + E) SERVICES
 LIMITS: FROM WEST OF FM 396 (BRYAN RD) TO EAST OF MCCOLL RD
 LG CONSULTING ENGINEERS, INC.

MAXIMUM AMOUNT PAYABLE
 SH 365 PROJECT (CSJ: 3627-01-001)
 PLANS, SPECIFICATIONS AND ESTIMATE SERVICES
 Develop PS&E for Proposed SH 365 Project
 ERGONOMIC TRANSPORTATION SOLUTIONS, INC.

NO. OF DWGS	SHEET	BASIC SERVICES (SIGNALIZATION & ILLUMINATION) DESCRIPTION	SR PM	Senior Engineer	Design Engineer	Trans Engineer	CADD Operator	Admin/Clerical	Total Labor Hrs.	Task Cost
		DIRECT EXPENSES								
		REPRO 69 SHEETS X \$2.00 / SHEET (MYLAR) +((69 SHEETS X \$1.50) X4)/ PAPER SHEET - CHECK PLOTS & REVIEW SETS) + (69 PAPER SHEETS X 10 SUBMITTAL SETS X \$1.50)								\$ -
		TRAFFIC COUNTS 6 LOCATIONS AT \$350 EACH (NOT REQUIRED)								\$ -
		LODGING (4 NIGHTS AT \$80 EA)								\$ -
		AIRFARE (4 TRIPS AT \$400 EA)								\$ -
		CAR RENTAL - \$60 / TRIP X 4 TRIP								\$ -
		DELIVERY SERVICES - \$25 / PACKAGE X 10 PACKAGES								\$ -
		MILEAGE 4 TRIPS x 700 MI / TRIP @ \$0.55/mile								\$ -
		TOTAL DIRECT EXPENSES								\$ -

EXHIBIT H-2
Subprovider Monitoring System Commitment Agreement

This commitment agreement is subject to the award and receipt of a signed contract from the Hidalgo County Regional Mobility Authority (Authority). **NOTE: Attachment H-2 is required to be attached to each contract that does not include work authorizations. Attachment H-2 is required to be attached with each work authorization. Attachment H-2 is also required to be attached to each supplemental work authorization. If DBE/HUB Subproviders are used, the form must be completed and signed. If no DBE/HUB Subproviders are used, indicate with "N/A" on this line: _____ and attach with the work authorization or supplemental work authorization.**

Contract #: _____ Assigned Goal: 12.2% Prime Provider L&G Consulting Engineers, Inc.

Work Authorization (WA)#: 3 WA Amount: \$3,719,885.81 Date: _____

Supplemental Work Authorization (SWA) #: 3 to WA #: 3 SWA Amount: \$117,011.65

Revised WA Amount: \$117,011.65

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
FC	\$88,772.38
FC	\$0
Total Commitment Amount <i>(Including all additional pages.)</i>	\$88,772.38

IMPORTANT: The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.

Provider Name: L&G Consulting Engineers, Inc. Address: 2100 W. Expressway 83, Mercedes, TX 78570 VID Number: PH: (956)565-9813 FX: 956-565-9018 Email:	Name: Jacinto Garza, P.E <i>(Please Print)</i> Title: President <hr/> Signature Date
DBE/HUB Sub Provider Subprovider Name: TEDSI Infrastructure Group, Inc. VID Number: 17601280146 Address: 1201 E. Expressway 83 Mission, TX 78572 PH: (956) 424-7898; FX: (956) 424-7022 Email: jsalinas@tedsi.com	Name: Jesse Salinas <i>(Please Print)</i> Title: President <hr/> Signature Date
Second Tier Sub Provider Subprovider Name: VID Number: Address: Phone #& Fax #: Email:	Name: _____ <i>(Please Print)</i> Title: _____ <hr/> Signature Date

VID Number is the Vendor Identification Number issued by the Comptroller. If a firm does not have a VID Number, please enter the owner's Social Security or their Federal Employee Identification Number (if incorporated).

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Work Authorization (WA)#: 3 WA Amount: \$3,719,885.81 Date: _____

Supplemental Work Authorization (SWA) #: _____ to WA #: _____ SWA Amount: \$117,011.65

Revised WA Amount: \$117,011.65

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
FC 163 Roadway	\$13,375.95
FC	\$0
Total Commitment Amount <i>(Including all additional pages.)</i>	\$13,375.95

IMPORTANT: The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.

Provider Name: L&G Consulting Engineers, Inc. Address: 2100 W. Expressway 83, Mercedes, TX 78570 VID Number: 1743007928900 PH: (956)565-9813 FX: 956-565-9018 Email: jacinto@lgengineers.com	Name: <u>Jacinto Garza, P.E</u> <i>(Please Print)</i> Title: <u>President</u> _____ Signature Date
DBE/HUB Sub Provider Subprovider Name: R. Gutierrez Engineering Corp. VID Number: 17428844551900 Address: 130 E. park Ave. Pharr, Tx. 78577 PH: (956) 782-2557; FX: (956) 782-2558 Email: rgutierrez@rgec.net	Name: <u>Ramiro Gutierrez</u> <i>(Please Print)</i> Title: <u>President</u> _____ Signature Date
Second Tier Sub Provider Subprovider Name: VID Number: Address: Phone #& Fax #: Email:	Name: _____ <i>(Please Print)</i> Title: _____ _____ Signature Date
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Work Authorization (WA)#: 3 WA Amount: \$3,719,885.81 Date: _____

Supplemental Work Authorization (SWA) #: _____ to WA #: _____ SWA Amount: \$117,011.65

Revised WA Amount: \$117,011.65

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
FC 170 Bridge Design	\$10,175.22
FC	\$0
Total Commitment Amount <i>(Including all additional pages.)</i>	\$10,175.22

IMPORTANT: The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.

Provider Name: L&G Consulting Engineers, Inc. Address: 2100 W. Expressway 83, Mercedes, TX 78570 VID Number: 1743007928900 PH: (956)565-9813 FX: 956-565-9018 Email: <u>jacinto@lgengineers.com</u>	Name: <u>Jacinto Garza, P.E</u> <i>(Please Print)</i> Title: <u>President</u> <hr/> Signature Date
DBE/HUB Sub Provider Subprovider Name: B2Z Engineering, LLC VID Number: 1371580878100 Address: P.O. Box 5262, McAllen, TX 78502 PH: (956) 618-0624; FX: (956) 630-9588 Email: <u>nick.muñoz@b2zeng.com</u>	Name: <u>Nicholas Muñoz</u> <i>(Please Print)</i> Title: <u>Vice President</u> <hr/> Signature Date
Second Tier Sub Provider Subprovider Name: VID Number: Address: Phone #& Fax #: Email:	Name: _____ <i>(Please Print)</i> Title: _____ <hr/> Signature Date
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Supplemental Work Authorization (SWA) #: _____ to WA #: _____ SWA Amount: \$117,011.65

Revised WA Amount: \$117,011.65

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
FC 162 – Signing, Pavement Markings and Signalization	\$4,688.10
FC	\$0
Total Commitment Amount (Including all additional pages.)	\$4,688.10

IMPORTANT: The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.

Provider Name: L&G Consulting Engineers, Inc. Address: 2100 W. Expressway 83, Mercedes, TX 78570 VID Number: 1743007928900 PH: (956)565-9813 FX: 956-565-9018 Email: jacinto@lgengineers.com	Name: <u>Jacinto Garza, P.E</u> <i>(Please Print)</i> Title: <u>President</u> Signature _____ Date _____
DBE/HUB Sub Provider Subprovider Name: TEDSI Infrastructure Group VID Number: 17601028014660 Address: 1201 E. Expressway 83, Mission, TX 78572 PH: (956) 424-7898; FX: (956) 424-7022 Email: jsalinas@tedsi.com	Name: <u>Jesse Salinas</u> <i>(Please Print)</i> Title: <u>President</u> Signature _____ Date _____
Second Tier Sub Provider Subprovider Name: VID Number: Address: Phone #& Fax #: Email:	Name: _____ <i>(Please Print)</i> Title: _____ Signature _____ Date _____
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Item 3E

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 3E </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 02/05/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 02/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-21 – ANNUAL REVIEW OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY INVESTMENT POLICY**

2. Nature of Request: (Brief Overview) Attachments: X Yes No
Annual review of the HCRMA Investment Policy as required by Public Fund Investment Act. No changes are proposed at this time.

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: Yes No X N/A

5. Staff Recommendation: **Motion to approve Resolution 2016-21 – Annual Review of the Hidalgo County Regional Mobility Authority Investment Policy as presented.**

6. Program Manager’s Recommendation: Approved Disapproved X None

7. Planning Committee’s Recommendation: Approved Disapproved X None

8. Board Attorney’s Recommendation: Approved Disapproved X None

9. Chief Auditor’s Recommendation: X Approved Disapproved None

10. Chief Financial Officer’s Recommendation: X Approved Disapproved None

11. Construction Engineer’s Recommendation: Approved Disapproved X None

12. Executive Director’s Recommendation: X Approved Disapproved None



Memorandum

To: Rance G. Sweeten, Chairman
From: Pilar Rodriguez, PE, Executive Director
Date: February 4, 2016
Re: **Annual Review of Investment Policy Required by the Public Funds Investment Act and the HCRMA Investment Policy**

Background

The Public Funds Investment Act (PFIA) requires that a public entity perform an annual review of its investment policy and adopt a resolution stating that it has performed the review, noting any changes. The resolution is to be adopted even if there are no changes. The last review was done on January 27, 2015. The last legislative session made no substantial changes to the PFIA and therefore, it is not necessary to reflect statutory changes in the HCRMA Investment Policy.

Goal

The goal of the HCRMA Investment Policy is safety, liquidity and yield – in that order as well and in so doing comply with the PFIA, as it may change from time to time.

Options

The Board may opt to consider any change it deems appropriate.

Recommendation

Based on review by this office, approval of Resolution 2016-21 – Adoption of the Investment Policy, noting that the required annual review has been performed without any changes to the existing one, which was effective on May 16, 2012 and amended on January 22, 2014, is recommended.

If you should have any questions or require additional information, please advise.

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
BOARD RESOLUTION NO. 2016-21

RESOLUTION FOR THE ANNUAL REVIEW OF THE HIDALGO COUNTY REGIONAL
MOBILITY AUTHORITY INVESTMENT POLICY

THIS RESOLUTION is adopted this 23rd day of February, 2016 by the Board of Director of the Hidalgo County Regional Mobility Authority.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”); is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”); and

WHEREAS, the Authority was created by Order of Hidalgo County (the “County”) dated October 26, 2004; Petition of the County dated April 21, 2005; and a Minute Order of the Texas Transportation Commission (the “Commission”) dated November 17, 2005, pursuant to provisions under the Act the Authority; and

WHEREAS, the Board of Directors of the Authority has been constituted in accordance with the Act; and

WHEREAS, the prudent and legally permissible management and investment of Authority funds is responsibility of the Board of Directors and its designees; and

WHEREAS, the Authority initially adopted the Investment Policy at a regularly scheduled meeting on April 10, 2008 and reviewed and revised the policy on November 23, 2010 and May 16, 2012; and

WHEREAS, on September 18, 2013, the Authority reviewed the Investment Policy as required by the Public Fund Investment Act annually; and

WHEREAS, on October 16, 2013, the Authority amended the Investment Policy to add Flexible Repurchase Agreements and Brokered Certificate of Deposit Programs as part of allowed investments; and

WHEREAS, on January 22, 2014, the Authority has determined it is necessary to exclude mortgage backed securities from the Investment Policy as authorized investments; and

WHEREAS, on January 27, 2015, the Authority reviewed the Investment Policy and determined that no changes to the Investment Policy were necessary; and

WHEREAS, the Authority has reviewed the Investment Policy as required annually by the Public Fund Investment Act and has determined that no changes to the Investment Policy are necessary;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTOR OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board approves the annual review of the Authority's Investment Policy with no changes, hereto attached as Exhibit A.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Attest:

Ricardo Perez, Secretary/Treasurer

EXHIBIT A

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
INVESTMENT POLICY

ADOPTED

MAY 16, 2012

AND

AMENDED

JANUARY 22, 2014

EXHIBIT A



INVESTMENT POLICY

ADOPTED May 16, 2012

REVISED January 22, 2014

Investment Policy

I. Scope

This policy applies to the investment of short-term operating funds and proceeds from certain bond issues. Longer-term funds, including investments of employees' investment retirement funds, are covered by a separate policy.

1. **Pooling of Funds** Except for cash in certain restricted and special funds, Hidalgo County Regional Mobility Authority (RMA) will consolidate cash balances from all funds to maximize investment earnings. Investment income will be allocated to the various funds based on their respective participation and in accordance with generally accepted accounting principles.

II. General

Objectives

The primary objectives, in priority order, of investment activities shall be safety, liquidity, and yield:

1. **Safety** Safety of principal is the foremost objective of the investment program. Investments shall be undertaken in a manner that seeks to ensure the preservation of capital in the overall portfolio. The objective will be to mitigate credit risk and interest rate risk.

a. **Credit Risk** Hidalgo County RMA will minimize credit risk, the risk of loss due to the failure of the security issuer or backer, by:

- Limiting investments to the safest types of securities and the highest credit quality investment counterparts
- Qualifying the financial institutions, broker/dealers, intermediaries, counterparties, investment agreement providers, and investment advisers with which Hidalgo County RMA will do business
- Diversifying the investment portfolio so that potential losses on individual securities will be minimized.

b. **Interest Rate Risk** Hidalgo County RMA will minimize the risk that the market value of securities in the portfolio will fall due to changes in general interest rates, by:

- Structuring the investment portfolio so that securities mature to meet cash requirements for ongoing operations, thereby avoiding the need to sell securities on the open market prior to maturity (matching cash flow requirement with investment cash flow)
- Investing operating funds primarily in shorter-term securities, money market mutual funds, or similar investment pools.

2. **Liquidity** The investment portfolio shall remain sufficiently liquid to meet all operating requirements that may be reasonably anticipated. This is accomplished by structuring the portfolio so that securities mature concurrent with cash needs to meet anticipated demands (static liquidity). Furthermore, since all possible cash demands cannot be anticipated, the portfolio should consist largely of securities with active secondary or resale markets (dynamic liquidity). A portion of the portfolio also may be placed in money market mutual funds or local government investment pools which offer same-day liquidity for short-term funds. Investment agreements that provide cash flow flexibility may also be used.

3. **Yield** The investment portfolio shall be designed with the objective of attaining a market rate of return throughout budgetary and economic cycles, taking into account the investment risk constraints and liquidity needs. Return on investment is of subordinated importance compared to the safety and liquidity objectives described above. The core of investments are limited to relatively low risk securities in anticipation of earning a fair return relative to the risk being assumed. Securities shall not be sold prior to maturity with the following exceptions:
 - A security with declining credit may be sold early to minimize loss of principal.
 - A security swap would improve the quality, yield, or target duration in the portfolio.
 - Liquidity needs of the portfolio require that the security be sold.

III. Standards of Care

1. **Prudence** The standard of prudence to be used by investment officials shall be the "prudent person" standard and shall be applied in the context of managing an overall portfolio. Investment officers acting in accordance with written procedures and this investment policy and exercising due diligence shall be relieved of personal responsibility for an individual security's credit risk or market price changes, provided deviations from expectations are reported in a timely fashion and the liquidity and the sale of securities are carried out in accordance with the terms of this policy.

Investments shall be made with judgment and care, under circumstances then prevailing, which persons of prudence, discretion and intelligence exercise in the management of their own affairs, not for speculation, but for investment, considering the probable safety of their capital as well as the probable income to be derived.

2. **Ethics and Conflicts of Interest** Officers and employees involved in the investment process shall refrain from personal business activity that could conflict with the proper execution and management of the investment program, or that could impair their ability to make impartial decisions. Employees and investment officials shall disclose any material interests in financial institutions with which they conduct business. They shall further disclose any personal financial/investment positions that could be related to the performance of the investment portfolio. Employees and officers shall refrain from undertaking personal investment transactions with the same individual with whom business is conducted on behalf of Hidalgo County RMA.

3. **Delegation of Authority** Authority to manage the investment program is granted to a designated official as appointed by the Board, hereinafter referred to as “investment officer”, and derived from the following: Texas Public Fund Investment Act. Responsibility for the operation of the investment program is hereby delegated to the investment officer, who shall act in accordance with established written procedures and internal controls for the operation of the investment program consistent with this investment policy. Procedures should include references to: safekeeping, delivery vs. payment, investment accounting, repurchase agreements, wire transfer agreements, and collateral/depository investment agreements. No person may engage in an investment transaction except as provided under the terms of this policy and the procedures established by the investment officer. The investment officer shall be responsible for all transactions undertaken and shall establish a system of controls to regulate the activities of subordinate officials.

IV. Financial Dealers and Institutions

1. **Authorized Financial Dealers and Institutions** A list will be maintained of financial institutions authorized to provide investment services. In addition, a list also will be maintained of approved security broker/dealers selected by creditworthiness (e.g., a minimum capital requirement of \$10,000,000 and at least five years of operation). These may include, but are not limited to, "primary" dealers or regional dealers that qualify under Securities and Exchange Commission (SEC) Rule 15C3-1 (uniform net capital rule).

All financial institutions and broker/dealers who desire to become qualified for investment transactions must supply the following as appropriate:

- Audited financial statements
- Proof of National Association of Securities Dealers (NASD) certification, as appropriate
- Proof of state registration, as appropriate
- Completed broker/dealer questionnaire, as appropriate
- Certification of having read and understood the Hidalgo County RMA investment policy.

An annual review of the financial condition and registration of qualified financial institutions and broker/dealers will be conducted by the investment officer.

From time to time, the investment officer may choose to invest in instruments offered by minority and community financial institutions. In such situations, a waiver to the criteria under Paragraph 1 may be granted. All terms and relationships will be fully disclosed prior to purchase and will be reported to the appropriate entity on a consistent basis and should be consistent with state or local law. These types of investment purchases should be approved by the appropriate legislative or governing body in advance.

2. **Internal Controls** The investment officer is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of Hidalgo County RMA are protected from loss, theft or misuse. The internal control structure shall be designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that (1) the cost of a control should not exceed the benefits likely to be derived and (2) the valuation of costs and benefits requires estimates and judgments by management.

Accordingly, the investment officer shall establish a process for an annual independent review by an external auditor to assure compliance with policies and procedures. The internal controls shall address the following points:

- Control of collusion
- Separation of transaction authority from accounting and recordkeeping
- Custodial safekeeping
- Avoidance of physical delivery securities
- Clear delegation of authority to subordinate staff members
- Written confirmation of transactions for investments and wire transfers
- Development of a wire transfer agreement with the lead bank and third-party custodian

3. **Delivery vs. Payment** All trades where applicable will be executed by delivery vs. payment (DVP) to ensure that securities are deposited in an eligible financial institution prior to the release of funds. Securities will be held by a third-party custodian as evidenced by safekeeping receipts.

V. **Suitable and Authorized Investments**

In accordance with authorizing Federal and State laws, the Trust Agreements, the Authority's depository contract, and appropriate approved collateral provisions, and in furtherance of the Investment Strategy Statement attached hereto, the Authority may utilize the following investments for the investment of the Authority's funds:

Obligations of or Guaranteed by Governmental Entities

- a) Obligations of the United States or its agencies and instrumentalities, excluding mortgage-backed securities.
- b) Direct obligations of the State of Texas or its agencies and Instrumentalities.
- c) Other obligations, the principal and interest of which are unconditionally guaranteed or insured by, or backed by the full faith and credit of, the State of Texas or the United States or their respective agencies and instrumentalities.

- d) Obligations of states, agencies, counties, cities, and other political subdivisions of any state rated as to investment quality by a nationally recognized investment rating firm not less than A or its equivalent.
- e) Certificates of Deposit and Share Certificates

A certificate of deposit, or share certificate meeting the requirements of the Act that are issued by or through a depository institution that either has its main office, or a branch in the State of Texas that is (1) guaranteed or insured by the Federal Deposit Insurance Corporation, or its successor or the National Credit Union Share Insurance Fund or its successor; (2) secured by obligations described in clauses (a)-(d) above, excluding mortgage-backed securities directly issued by a federal agency or instrumentality that have a market value of not less than the principal amount of the certificates and those mortgage-backed securities listed in Section 16.0; or (3) secured in any other manner and amount provided by law for deposits of the Authority.

In addition to Hidalgo County RMA to invest funds in certificates of deposit above, an investment in certificates of deposit made in accordance with the following conditions is an authorized investment under this policy:

1. The funds are invested by Hidalgo County RMA through: (1) a broker that has its main office or a branch office in the State of Texas and is selected from a list adopted by Hidalgo County RMA as required by Section IV(1) of this Investment Policy; or (2) a depository institution that has its main office or a branch office in the State of Texas and that is selected by the investing entity.
2. The broker or the depository institution selected by the investing entity under subparagraph (i) above arranges for the deposit of the funds in certificates of deposit in one or more federally insured depository institutions, wherever located, for the account of Hidalgo County RMA.
3. the full amount of the principal and accrued interest of each of the certificates of deposit is insured by the United States or an instrumentality of the United States; and
4. Hidalgo County RMA appoints the depository institution selected by Hidalgo County RMA under subparagraph (i) above, an entity described by Section 2257.041(d) of the Act, or a clearing broker-dealer registered with the Securities and Exchange Commission and operating pursuant to Securities and Exchange Commission Rule 15c3-3 (17 C.F.R. Section 240.15c3-3) as custodian for the investing entity with respect to the certificates of deposit issued for the account of the investing entity.

- f) Repurchase Agreements

A fully collateralized repurchase agreement that (1) has a defined termination date; (2) is secured by obligations described in clause (a) above; (3) requires the securities being purchased by the Authority to be pledged to the Authority, held in the Authority's name, and deposited at the time the investment is made with the Authority or with a third party selected and approved by the Authority; and (4) is placed through a primary government securities dealer, as defined by the Federal Reserve, or a financial institution doing business in the State of Texas. "Repurchase agreement" means a simultaneous agreement to buy, hold for a specified time, and sell back at a future date obligations described in clause (a) above, at a market value at the time the funds are

disbursed of not less than the principal amount of the funds disbursed. The term includes a direct security repurchase agreement and reverse security repurchase agreement.

Notwithstanding any other law, the term of any reverse security repurchase agreement may not exceed 180 days after the date the reverse security repurchase agreement is delivered. Money received by the Authority under the terms of a reverse security repurchase agreement shall be used to acquire additional authorized investments, but the term of authorized investments acquired must mature not later than the expiration date stated in the reverse security repurchase agreement. The Authority requires the execution of a Master Repurchase Agreement in substantially the form as may be prescribed by The Bond Market Association.

g) Banker's Acceptance

A Bankers' acceptance that (1) has a stated maturity of 270 days or fewer from the date of its issuance; (2) will be, in accordance with its terms, liquidated in full at maturity; (3) is eligible for collateral for borrowing from a Federal Reserve Bank; and (4) is accepted by a bank organized and existing under the laws of the United States or any state, if the short-term obligations of the bank, or of a bank holding company of which the bank is the largest subsidiary, are rated not less than A-1 or P-1 or an equivalent rating of at least one nationally recognized credit rating agency. Such transactions shall not exceed 5% of the total Authority's Investment Portfolio, and all such endorsing banks shall come only from a list of entities that are constantly monitored as to financial solvency.

h) Commercial Paper

Commercial Paper that (1) has a stated maturity of 270 days or fewer from the date of its issuance; and (2) is rated not less than A-1 or P-1 or an equivalent rating by at least (A) two nationally recognized credit rating agencies or (B) one nationally recognized credit rating agency and is fully secured by an irrevocable letter of credit issued by a bank organized and existing under the laws of the United States or any State. Such transactions shall not exceed 25% of the total Authority's Investment Portfolio with no more than 5% in any one issuer or its subsidiaries.

i) Mutual Funds

A no-load money market mutual fund that (1) is registered with and regulated by the Securities and Exchange Commission; (2) provides the Authority with a prospectus and other information required by the Securities Exchange Act of 1934 or the Investment Company Act of 1940; (3) has a dollar-weighted average stated maturity of 90 days or fewer; and (4) includes in its investment objectives the maintenance of a stable net asset value of \$1 for each share.

A no-load mutual fund that (1) is registered with the Securities and Exchange Commission; (2) has an average weighted maturity of less than two years; (3) is invested exclusively in obligations described in this Section 14.0; (4) is continuously rated as to investment quality by at least one nationally recognized investment rating firm of not less than AAA or its equivalent; and (5) conforms to the requirements set forth in Sections 2256.016(b) and (c) of the Act, relating to the eligibility of investment pools to receive and invest funds of investing entities.

The Authority is not authorized to (1) invest in the aggregate more than 15% of its monthly average fund balance, excluding bond proceeds and reserves and other funds held for debt service, in mutual funds described in the immediately preceding paragraph; (2) invest any portion of bond proceeds, reserves and funds held for debt service, in mutual funds described in the immediately

preceding paragraph; or (3) invest its funds or funds under its control, including bond proceeds and reserves and other funds held for debt service, in any one mutual fund described in either paragraph above in an amount that exceeds 10% of the total assets of the mutual fund. In addition, the total assets invested in any single mutual fund may not exceed 5% of the Authority's average fund balance, excluding bond proceeds and reserves and other funds held for debt service.

With regard to Money Market Mutual Funds, the Authority is not authorized to invest its funds in any one money market mutual fund in an amount that exceeds 5% of the total assets of the money market mutual fund.

j) Investment Pools

The Authority may invest its funds and funds under its control through an eligible investment pool if the Board of Directors by official action authorizes investment in the particular pool. An investment pool shall invest the funds it receives from entities in authorized investments permitted by the Act. The Authority may invest its funds through an eligible investment pool if the pool provides to the Investment Officer an offering circular or other similar disclosure document that contains, at a minimum, the following information:

- 1) The types of investments in which money is allowed to be invested.
- 2) The maximum average dollar-weighted maturity allowed, based on the stated maturity date, of the pool.
- 3) The maximum stated maturity date any investment security within the portfolio has.
- 4) The objectives of the pool.
- 5) The size of the pool.
- 6) The names of the members of the advisory board of the pool and the dates their terms expire.
- 7) The custodian bank that will safe keep the pool's assets.
- 8) Whether the intent of the pool is to maintain a net asset value of \$1 and the risk of market price fluctuation.
- 9) Whether the only source of payment is the assets of the pool at market value or whether there is a secondary source of payment, such as insurance or guarantees, and a description of the secondary source of payment.
- 10) The name and address of the independent auditor of the pool.
- 11) The requirements to be satisfied for an entity to deposit funds in and withdraw funds from the pool and any deadlines or other operating policies required for the entity to invest funds in and withdraw funds from the pool.
- 12) The performance history of the pool, including yield, average dollar-weighted maturities, and expense ratios.

To maintain eligibility to receive funds from and invest funds on behalf of the Authority, an investment pool must be continuously rated no lower than AAA, AAA-m, and AAA-f or at an equivalent rating of at least one nationally recognized rating service and must furnish to the Investment Officer: (i) Investment transaction confirmations and (ii) A monthly report that contains, at a minimum, the following information:

- 1) The types and percentage breakdown of securities in which the pool has invested.

- 2) The current average dollar-weighted maturity, based on the stated maturity date of the pool.
- 3) The current percentage of the pool's portfolio in investments that have stated maturities of more than one year.
- 4) The book value versus the market value of the pool's portfolio, using amortized cost valuation.
- 5) The size of the pool.
- 6) The number of participants in the pool.
- 7) The custodian bank that is safekeeping the assets of the pool.
- 8) A listing of daily transaction activity of the Authority in the pool.
- 9) The yield and expense ratio of the pool.
- 10) The portfolio managers of the pool.
- 11) Any changes or addenda to the offering circular.

The Authority by contract may delegate to an investment pool the Authority to hold legal title as custodian of investments purchased with its local funds.

For purposes of investment in an investment pool, "yield" shall be calculated in accordance with regulations governing the registration of open-end management investment companies under the Investment Company Act of 1940, as promulgated from time to time by the federal Securities and Exchange Commission.

To be eligible to receive funds from and invest funds on behalf of the Authority, a public funds investment pool created to function as a money market mutual fund must mark its portfolio to market daily, and, to the extent reasonably possible, stabilize at a \$1 net asset value. If the ratio of the market value of the portfolio divided by the book value of the portfolio is less than 0.995 or greater than 1.005, portfolio holdings shall be sold as necessary to maintain the ratio between 0.995 and 1.005.

To be eligible to receive funds from and invest funds on behalf of the Authority, a public funds investment pool must have an advisory board composed:

- 1) Equally of participants in the pool and other persons who do not have a business relationship with the pool and are qualified to advise the pool, for a public funds investment pool created under Chapter 791, Texas Government Code, and managed by a state agency; or
- 2) Of participants in the pool and other persons who do not have a business relationship with the pool and are qualified to advise the pool, for other investment pools.

k) Guaranteed Investment Contracts

A Guaranteed Investment Contract is an authorized investment for bond proceeds if the guaranteed investment contract:

- 1) Has a defined termination date;
- 2) Is secured by obligations described by clause (a) above, but excluding those obligations described by Section 16.0 herein in an amount at least equal to the amount of bond proceeds invested under the contract;
- 3) Is pledged to the Authority and deposited with the Authority or with a third party selected and approved by the Authority; and
- 4) Meets the following requirements:
 - a) The Board of Directors of the Authority must specifically authorize guaranteed investment contracts as an eligible investment in the order, ordinance, or resolution authorizing the issuance of bonds;
 - b) The Authority must receive bids from at least three separate providers with no material financial interest in the bonds from which proceeds were received;
 - c) The Authority must purchase the highest yielding guaranteed investment contract for which a qualifying bid is received;
 - d) The price of the guaranteed investment contract must take into account the reasonably expected drawdown schedule for the bond proceeds to be reinvested; and

The provider must certify the administrative costs reasonably expected to be paid to third parties in connection with the guaranteed investment contract.

The following are not authorized investments under this Section V:

1. Obligations whose payment represents the coupon payments on the outstanding principal balance of the underlying mortgage-backed security collateral and pays no principal;
2. Obligations whose payment represents the principal stream of cash flow from the underlying mortgage-backed security collateral and bears no interest;
3. Collateralized mortgage obligations that have a stated final maturity date of greater than 10 years; and.
4. Collateralized mortgage obligations the interest rate of which is determined by an index that adjusts opposite to the changes in a market index.

VI. Investment Parameters

1. **Diversification** The investments shall be diversified by:

- limiting investments to avoid over concentration in securities from a specific issuer or business sector (excluding U.S. Treasury securities),
- limiting investment in securities that have higher credit risks,
- investing in securities with varying maturities, and
- continuously investing a portion of the portfolio in readily available funds such as local government investment pools (LGIPs), money market funds or repurchase agreements to ensure that appropriate liquidity is maintained in order to meet ongoing obligations.

2. **Maximum Maturities** To the extent possible, Hidalgo County RMA shall attempt to match its investments with anticipated cash flow requirements. Unless matched to a specific cash flow, the Hidalgo County RMA will not directly invest in securities maturing more than five (5) years from the date of purchase or in accordance with state and local statutes and ordinances. Hidalgo County RMA shall adopt weighted average maturity limitations (which often range from 90 days to 3 years), consistent with the investment objectives.

Reserve funds and other funds with longer-term investment horizons may be invested in securities exceeding five (5) years if the maturity of such investments are made to coincide as nearly as practicable with the expected use of funds. The intent to invest in securities with longer maturities shall be disclosed in writing to the legislative body.

Because of inherent difficulties in accurately forecasting cash flow requirements, a portion of the portfolio should be continuously invested in readily available funds such as LGIPs, money market funds, or overnight repurchase agreements to ensure that appropriate liquidity is maintained to meet ongoing obligations.

VII. Reporting

1. **Methods** The investment officer shall prepare an investment report at least quarterly, including a management summary that provides an analysis of the status of the current investment portfolio and transactions made over the last quarter. This management summary will be prepared in a manner which will allow Hidalgo County RMA to ascertain whether investment activities during the reporting period have conformed to the investment policy. The report should be provided to the investment officer, the legislative body, and any pool participants. The report will include the following:

- Listing of individual securities held at the end of the reporting period.
- Realized and unrealized gains or losses resulting from appreciation or depreciation by listing the cost and market value of securities over one-year duration that are not

intended to be held until maturity (in accordance with Governmental Accounting Standards Board (GASB) requirements).

- Average weighted yield to maturity of portfolio on investments as compared to applicable benchmarks.
- Listing of investment by maturity date.
- Percentage of the total portfolio which each type of investment represents.

2. **Performance Standards** The investment portfolio will be managed in accordance with the parameters specified within this policy. The portfolio should obtain a market average rate of return during a market/economic environment of stable interest rates.

3. **Marking to Market** The market value of the portfolio shall be calculated at least quarterly and a statement of the market value of the portfolio shall be issued at least quarterly. In defining market value, considerations should be given to the GASB Statement 31 pronouncement.

VIII. Policy Considerations

1. **Exemption** Any investment currently held that does not meet the guidelines of this policy shall be exempted from the requirements of this policy. At maturity or liquidation, such monies shall be reinvested only as provided by this policy

2. **Amendments** This policy shall be reviewed on an annual basis. Any changes must be approved by the investment officer and any other appropriate authority, as well as the individual(s) charged with maintaining internal controls.

IX. List of Attachments

The following documents, as applicable, are (or may be in the future) attached to this policy:

- Listing of authorized personnel,
- Repurchase agreements and tri-party agreements,
- Listing of authorized broker/dealers and financial institutions,
- Credit studies for securities purchased and financial institutions used,
- Safekeeping agreements,
- Wire transfer agreements,
- Sample investment reports, and
- Methodology for calculating rate of return.

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Item 3F

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 3F </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 02/15/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 02/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-22 – APPROVAL OF AGREEMENT OF THE TEXAS DEPARTMENT OF TRANSPORTATION FOR INSPECTION OF PRE-CERTIFIED CONCRETE PIPES, PRECAST BRIDGE BEAMS AND RELATED APPURTENANCES.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No

Consideration and Approval of of agreement of the Texas Department of Transportation for inspection of pre-certified concrete pipes, precast bridge beams and related appurtenances.

3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: x Yes No N/A

5. Staff Recommendation: **Motion to approve Resolution 2016-22 – an Interlocal Agreement for US 281/Military Highway Overpass Project with TxDOT for material inspection and testing services for various materials fabricated off-site, pre-cast concrete stressed/non-stressed products and miscellaneous fabricated products in the amount of \$13,060.45**

6. Program Manager's Recommendation: x Approved Disapproved None

7. Planning Committee's Recommendation: Approved Disapproved X None

8. Board Attorney's Recommendation: Approved Disapproved X None

9. Chief Auditor's Recommendation: Approved Disapproved X None

10. Chief Financial Officer's Recommendation: Approved Disapproved x None

11. Executive Director's Recommendation: X Approved Disapproved None

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
BOARD RESOLUTION No. 2016-22

**APPROVAL OF AGREEMENT OF THE TEXAS DEPARTMENT OF
TRANSPORTATION FOR INSPECTION OF PRE-CERTIFIED CONCRETE
PIPES, PRECAST BRIDGE BEAMS AND RELATED APPURTENANCES**

THIS RESOLUTION is adopted this day 23rd of February, 2016 by the Board of Directors of the Hidalgo County Regional Mobility Authority.

WHEREAS, the Hidalgo County Regional Mobility Authority (the "Authority"), acting through its Board of Directors (the "Board"), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the "Act"); and

WHEREAS, on November 17, 2005, the Texas Transportation Commission (the "Commission") created the Authority pursuant to (i) the Act; (ii) Title 43, Texas Administrative Code; (iii) a petition of the Hidalgo County Commissioners Court (the "County"); and (iv) findings by the Commission that the creation of the Authority would result in certain direct benefits to the State of Texas (the "State"), local governments, and the traveling public and would improve the State's transportation system; and

WHEREAS, the Commission determined that the Authority would benefit the State by constructing needed roadway projects as identified by the County, including the approximately 104-mile Hidalgo County Loop (the "Loop System") and the US 83 La Joya Relief Route; and

WHEREAS, the Authority has identified an independent project suitable for initial development under the Loop System: State Highway 365 from FM 396/Anzalduas Highway to US 281/Military Highway and the US 281/Military Highway Overpass at San Juan Road, including the reconstruction and widening of US 281/Military Highway from 0.45 mile east of SP 600 to FM 2557/Stewart Road, with a new grade separated interchange at SH 365/US 281 Intersection; and

WHEREAS, Section 228.011, Texas Transportation Code, provides for local toll project entities, including the Authority, to develop toll projects and Sections 201.103 and 222.052 of the Code establish that the State shall design, construct and operate a system of highways in cooperation with local governments; and

WHEREAS, January 7, 2015, the Authority entered into an Advance Funding Agreement for US 281/Military Highway Overpass Projects with TxDOT for financial assistance for the Project; and

WHEREAS, on December 15, 2015, the Authority awarded a construction contract to Foremost Paving, Inc. for the US 281/Military Highway Overpass Project; and

WHEREAS, the Board of Directors has determined it is necessary to enter into an agreement with the Texas Department of Transportation for inspection of pre-certified concrete pipes, precast bridge beams and related appurtenances for the US 281/Military Highway Overpass Project;

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF
DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY
AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby approves an agreement with the Texas Department of Transportation for inspection of pre-certified concrete pipes, precast bridge beams and related appurtenances, attached hereto as Exhibit A.

Section 3. The Board authorized the Executive Director to execute the Agreement the Texas Department of Transportation for inspection of pre-certified concrete pipes, precast bridge beams and related appurtenances.

**PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY
THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL
MOBILITY AUTHORITY AT A REGULAR MEETING on the 23rd day of
February, 2016, at which meeting a quorum was present.**

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

EXHIBIT A

APPROVAL OF AGREEMENT OF THE TEXAS DEPARTMENT OF
TRANSPORTATION FOR INSPECTION OF PRE-CERTIFIED
CONCRETE PIPES, PRECAST BRIDGE BEAMS AND RELATED
APPURTENANCES.

Interlocal Agreement

Contract Services Transmittal Form

From: Construction Division - 46 (District/Division/Office)	Contact Person: Hubert Stewart Phone No: 512.416.2561
Subject: Material Inspection and Testing	
Other Entity: Hidalgo County Regional Mobility Authority	Contract Maximum Amount Payable: \$13,060.45
Are any federal funds used in this contract?	
Is the other party to this contract a county? Yes _____ No <u>X</u> Does this contract involve the construction, improvement, or repair of a building or road? Yes <u>X</u> No _____ If the answer to both questions is yes, a resolution from the commissioners court must be included as Attachment D.	
Was the standard interlocal or amendment format modified? Yes _____ No <u>X</u> If modified, date of Contract Services approval: <u>02/23/2016</u> Modifications made are as follows:	

ATTACHMENT A

Scope of Services

The Texas Department of Transportation (TxDOT) agrees to perform material inspection and testing services as requested by the Local Government, and subject to the terms set forth below. Material inspection and testing services to be performed by TxDOT consists of the following:

- Various inspected materials fabricated off-site (structural steel bridge components, pre-cast concrete stressed/non-stressed products, and miscellaneous fabricated products).
- Other materials inspection and testing as agreed upon in writing by TxDOT and the Local Government.

Inspections will be performed in compliance with the specifications and instructions supplied by the Local Government and are subject to the terms and conditions described below. Written inspection or test reports will be provided to the Local Government in accordance with TxDOT's existing policies as inspection and testing services are performed by TxDOT.

Prior to the commencement of material inspection and testing services, the Local Government shall provide TxDOT with a single point of contact for this scope of services. TxDOT will direct all invoices, test reports, questions and other issues to this point of contact. The Local Government shall provide an email address to which invoices will be sent. The Local Government shall provide written notification of a change to the point of contact.

INSPECTED MATERIALS

The Local Government will provide TxDOT a list of the materials requiring inspection. Estimated quantities of each material will also be provided. The types of products and the extent of the inspections will be as agreed upon prior to commencement of any inspections. The level of inspection and documentation furnished for Local Government inspections will be as provided for typical TxDOT projects.

TxDOT will only perform inspection services for the Local Government at structural steel fabrication plants, commercial precast prestressed and non-stressed concrete products plants, and other miscellaneous fabrication plants where TxDOT routinely provides such inspection and testing services for its own highway materials or for others. Out-of-state inspections for Local Government will be performed only when TxDOT has employees scheduled to conduct inspections for TxDOT projects at the requested locations, unless agreed upon otherwise. All out-of-state inspections will require reimbursement of the additional costs for travel (airfare, lodging, per diem, vehicle rentals, and other miscellaneous costs). Reimbursement will be requested through invoices from TxDOT.

TxDOT reserves the right to prioritize or reschedule any inspection and testing services according to the following:

- Inspection and testing services may be cancelled or deferred due to unavailability of TxDOT personnel to perform the necessary inspection
- Inspections for the Local Government will be given lower priority than inspections performed by TxDOT for TxDOT projects
- Inspections for the Local Government may be rescheduled to coincide with the inspection of products for TxDOT projects.

The Local Government and its fabricators will abide by the Nonconformance Report (NCR) process utilized by TxDOT for disposition of products that do not meet the requirements of the Local Government's specifications provided.

WORK REQUESTS

A minimum of two (2) weeks prior to TxDOT performing any inspections, the Local Government will submit Work Requests to TxDOT. Submit one Work Request per Fabricator and include the following:

- Project information (i.e. contract number, CSJ, etc.)
- Work description
- Type and estimated quantity of material(s) to be inspected
- Fabricator information (Name, contact person, phone number, physical location)
- Desired date of inspection
- Name, title, signature, and telephone number of the Local Government's authorized representative.
- Specification Item or Special Specification to be used for inspection
- List of the Local Government's amendments to Specification Item
- Local Governments Special Specifications
- Complete set of necessary design drawings, material specifications, and shop drawing files in Adobe .pdf format to perform inspection of the material.

Incomplete Work Requests will not be accepted. E-mail completed Work Requests, with attachments, as an Adobe .pdf format to CST_Structuralcorrespondence@txdot.gov and include "Work Request" in the subject line.

TEST REPORTS

TxDOT will send test reports and pertinent information to the Local Government's designated point of contact for services performed as attachments to invoices for services.

ATTACHMENT B

Texas Department of Transportation Inspection & Testing Rates

TxDOT will only perform inspection and testing services outlined in Attachment A.

Charges will be based on rates in effect at the time inspection and testing services are performed.

Current Inspection and Testing Rates are published at

http://ftp.dot.state.tx.us/pub/txdot-info/cst/inspection_testing.pdf

Invoices will be sent to the Local Government on a monthly basis. Payments are due within 30 days of date of invoice and will be mailed to the following address:

Texas Department of Transportation
P. O. Box 149001
Austin, Texas 78714-9001

ATTACHMENT C
General Terms and Conditions

Article 1. Amendments

This contract may only be amended by written agreement executed by both parties before the contract is terminated.

Article 2. Conflicts Between Agreements

If the terms of this contract conflict with the terms of any other contract between the parties, the most recent contract shall prevail.

Article 3. Disputes

TxDOT shall be responsible for the settlement of all contractual and administrative issues arising out of procurements entered in support of contract services.

Article 4. Ownership of Equipment

Except to the extent that a specific provision of this contract states to the contrary, all equipment purchased by TxDOT under this contract shall be owned by TxDOT.

Article 5. Termination

This contract terminates at the end of the contract term, when all services and obligations contained in this contract have been satisfactorily completed, by mutual written agreement, or 30 days after either party gives notice to the other party, whichever occurs first.

Article 6. Gratuities

Any person who is doing business with or who reasonably speaking may do business with TxDOT under this contract may not make any offer of benefits, gifts, or favors to employees of TxDOT. The only exceptions allowed are ordinary business lunches and items that have received the advanced written approval of the Executive Director of the Texas Department of Transportation.

Article 7. Responsibilities of the Parties

Each party acknowledges that it is not an agent, servant, or employee of the other party. Each party is responsible for its own acts and deeds and for those of its agents, servants, or employees.

Article 8. Compliance with Laws

The parties shall comply with all federal, state, and local laws, statutes, ordinances, rules, and regulations and with the orders and decrees of any courts or administrative bodies or tribunals in any manner affecting the performance of this agreement.

Article 9. State Auditor's Provision

The state auditor may conduct an audit or investigation of any entity receiving funds from TxDOT directly under the contract or indirectly through a subcontract under the contract. Acceptance of funds directly under the contract or indirectly through a subcontract under this contract acts as acceptance of the authority of the state auditor, under the direction of the legislative audit committee, to conduct an audit or investigation in connection with those funds. An entity that is the subject of an audit or investigation must provide the state auditor with access to any information the state auditor considers relevant to the investigation or audit.

Article 10. Signatory Warranty

Each signatory warrants that the signatory has necessary authority to execute this agreement on behalf of the entity represented.

Article 11. Notices

All notices to either party shall be delivered personally or sent by certified U.S. mail, postage prepaid, addressed to that party at the following address:

<p>TxDOT Texas Department of Transportation Attention: Director, Contract Services 125 East 11th Street Austin, TX 78701-2483</p>	<p>Local Government Hidalgo County Regional Mobility Authority 118 S. Cage Blvd., 4th Floor Pharr, TX78577</p>
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All notices shall be deemed given on the date delivered in person or deposited in the mail. Either party may change the above address by sending written notice of the change to the other party. Either party may request in writing that notices shall be delivered personally or by certified U.S. mail, and that request shall be carried out by the other party.

ATTACHMENT D
RESOLUTION OR ORDINANCE

(RESOLUTION OR ORDINANCE IS ATTACHED AND MADE A PART OF THIS AGREEMENT.)

RESOLUTION PENDING APPROVAL AND ENDORSEMENT

ATTACHMENT E

LOCATION MAP FOR SHOWING PROJECT

(LOCATION MAP(S) ATTACHED AND MADE A PART OF THIS AGREEMENT.)

PLANS OF PROPOSED
ROADWAY IMPROVEMENT

CSJ : 0220 - 01 - 023, ETC.
FEDERAL AID PROJECT NO. CBI(), ETC.

US 281 (MILITARY ROAD) AND BSIF CONNECTOR

PROJECT LENGTH: US 281
ROADWAY: 9408 FT = 1.78 MI.
BRIDGE: 292 FT = 0.06 MI.
TOTAL: 9700 FT = 1.84 MI.

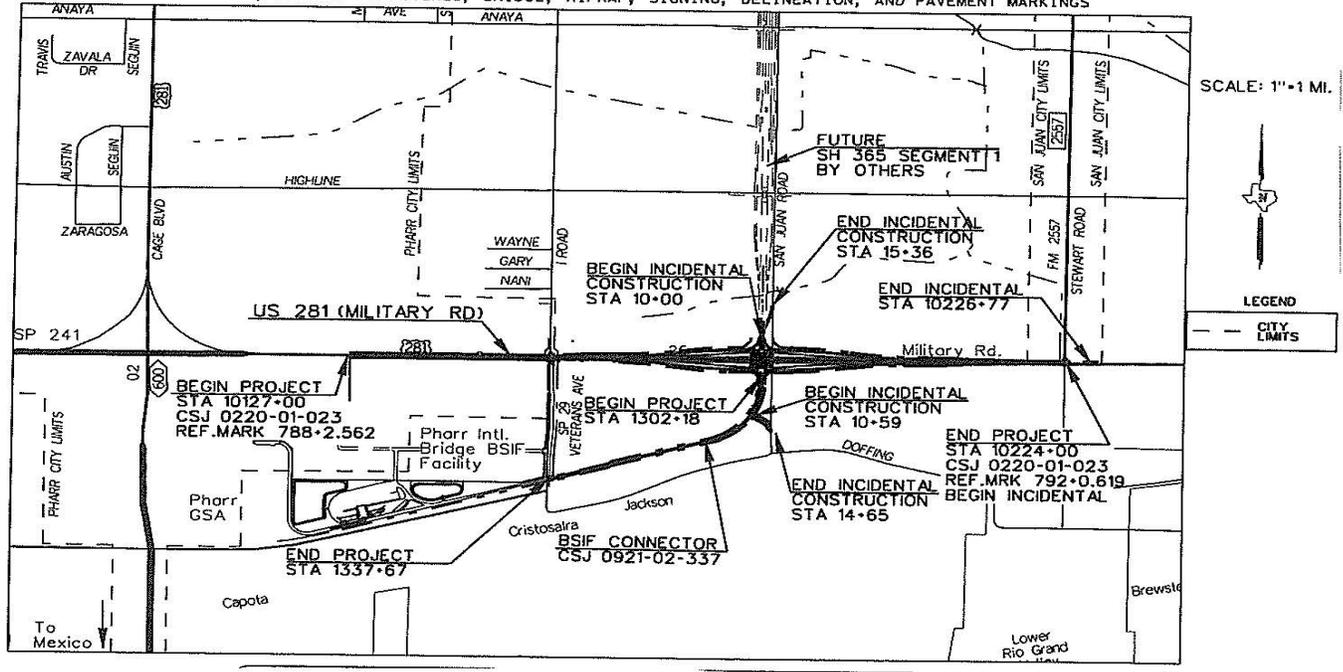
LIMITS: US 281 (MILITARY RD)
FROM: 0.47 MILES EAST OF SP 600
US 281 (SOUTH CAGE BLVD)
TO: FM 2557 (SOUTH STEWART ROAD)

PROJECT LENGTH: BSIF CONNECTOR
ROADWAY: 3549 FT = 0.67 MI.
BRIDGE: 0 FT = 0.00 MI.
TOTAL: 3549 FT = 0.67 MI.

LIMITS FOR BSIF CONNECTOR:
FROM: US 281 (MILITARY RD)
TO: SP 29 (VETERANS RD)

CONSTRUCTION OF WIDENING TO 4 LANE DIVIDED URBAN, ETC.

CONSISTING OF GRADING, CONCRETE PAVEMENT, ASPHALT, LIME TREATED SUBGRADE,
FLEXIBLE BASE, CULVERT STRUCTURES, BRIDGE, RIPRAP, SIGNING, DELINEATION, AND PAVEMENT MARKINGS



Item 3G

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 3G </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 2/15/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 2/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-23 – APPROVAL OF ACCESS MANAGEMENT POLICY FOR THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No

Consideration and approval of Access Management Policy for the Authority to implement on Hidalgo County Loop System roadways.

3. Policy Implication: Board Policy, Local Government, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: Yes No X N/A Funding Source:

5. Staff Recommendation: **Motion to approve Resolution 2016-23 – Approval of Access Management Policy for the Hidalgo County Regional Mobility Authority.**

6. Program Manager’s Recommendation: X Approved Disapproved None

7. Construction Engineer’s Recommendation: Approved Disapproved X None

8. Chief Auditor’s Recommendation: Approved Disapproved X None

9. Board Attorney’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Executive Director’s Recommendation: X Approved Disapproved None

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
BOARD RESOLUTION No. 2016-23

APPROVAL OF ACCESS MANAGEMENT POLICY FOR THE
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

THIS RESOLUTION is adopted this 23rd day of February, 2016 by the Board of Directors of the Hidalgo County Regional Mobility Authority.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”); and

WHEREAS, on November 17, 2005, the Texas Transportation Commission (the “Commission”) created the Authority pursuant to (i) the Act; (ii) Title 43, Texas Administrative Code; (iii) a petition of the Hidalgo County Commissioners Court (the “County”); and (iv) findings by the Commission that the creation of the Authority would result in certain direct benefits to the State of Texas (the “State”), local governments, and the traveling public and would improve the State’s transportation system; and

WHEREAS, the Commission determined that the Authority would benefit the State by constructing needed roadway projects as identified by the County, including the approximately 104-mile Hidalgo County Loop (the “Loop System”) and the US 83 La Joya Relief Route; and

WHEREAS, the Authority has identified an independent project suitable for initial development under the Loop System: State Highway 365 from FM 396/Anzalduas Highway to US 281/Military Highway and the US 281/Military Highway Overpass at San Juan Road, including the reconstruction and widening of US 281/Military Highway from 0.45 mile east of SP 600 to FM 2557/Stewart Road, with a new grade separated interchange at SH 365/US 281 Intersection; and

WHEREAS, Section 228.011, Texas Transportation Code, provides for local toll project entities, including the Authority, to develop toll projects and Sections 201.103 and 222.052 of the Code establish that the State shall design, construct and operate a system of highways in cooperation with local governments; and

WHEREAS, in coordination with design and construction of highways, from time to time the Authority will be required to grant access to facilities in the form of driveway, median opening and local roadway connections; and

WHEREAS, in order to establish criteria for access points along the Hidalgo County Loop System, the Authority has developed an Access Management Policy; and

WHEREAS, the Board finds it to be in the best interest of the Authority adopt the Access Management Policy to balance access density with the desired mobility function of a particular section of a given roadway along the Hidalgo Count Loop System;

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.

Section 2. The Board hereby approves the Access Management Policy for the Hidalgo County Regional Mobility Authority, attached hereto as Exhibit A.

Section 3. The Board authorizes the Executive Director to administer the Access Management Policy as part of daily Authority operations.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

EXHIBIT A

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

ACCESS MANAGEMENT POLICY



HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY



Access Management Policy

February 2, 2016

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Introduction

Access management is the systematic control of the location, spacing, design and operation of access points. It manages access to land development while simultaneously preserving traffic safety, capacity and speed on the surrounding road system, addressing congestion, capacity loss, and accidents. Access points, in this policy, are defined as driveways, median openings, and street connections to a roadway. Access management is a rational way of coordinating transportation and land development by improving safety and enhancing the convenience of travel.

In general, the goal of access management is to balance access density with the desired mobility function of a particular section of a given roadway. If access management policy is effective, it can promote beneficial outcomes including: better mobility and access, safer facilities, and an increase desirability of the businesses or land value in the area. Access management also reduces the potential for accidents by minimizing conflicts between through vehicles and turning vehicles. Research has shown that accident rates increase consistently with an increase in access density, while accident rates decrease with the implementation of access management techniques such as raised medians or the control of cross-access.

It is important to keep in mind that this policy is minimum criteria in the use of access points. The HCRMA Engineer shall review each access point on a case by case basis.

Applicability

The policy shall be applied to all points of vehicular access on adjacent roadways of non-access control type. This document contains the minimum standards for access management policies, median spacing, driveway spacing, traffic control changes and other traffic operation considerations that affect traffic control changes, which affect traffic operations and safety pertinent to HCRMA jurisdictional roadways. This document does not address specific locations but provides general guiding principles that the HCRMA can then apply to effectively manage access at specific locations. Where the HCRMA's Access Management policy differs from the TxDOT Access Management Policy the more stringent policy shall apply.

Overview

To have an effective Access Management Policy a balance between land development interest and traffic must be maintained. As the volume of the roadway increases the access along the corridor must decrease as illustrated below in Figure 1.

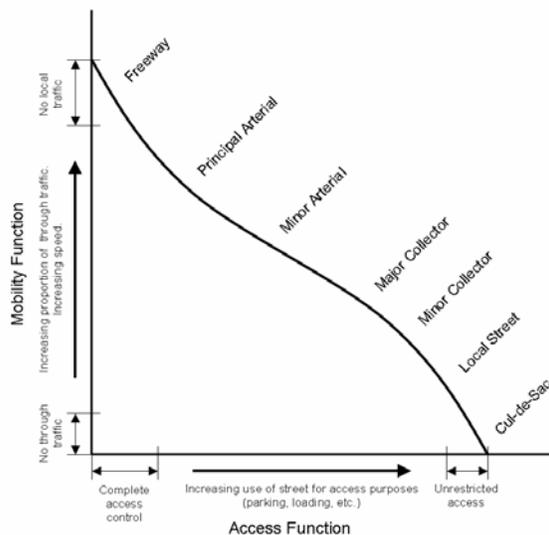


Figure 1: Relationship between Mobility and Access

The Authority has classified its roadways in accordance with the *Hidalgo County Metropolitan Planning Organization* and be found in the *Hidalgo County Transportation Improvement Plan*. The HCRMA has classified its roadways as freeways, high speed/principal arterials, minor arterials, major/minor collectors, and local streets.

- **Freeways** are limited access, thoroughfares designed for the movement of large volumes of vehicular traffic operating at high speeds for long distances, connecting principal or regional activity centers.
- **High Speed and Principal Arterials** have limited at grade access and designed primarily for the movement of through traffic between centers of medium intensity.
- **Minor Arterials** feed the primary arterial system, support moderate trips, and serve activity centers.
- **Major/Minor Collectors** link Local Streets with the arterial system and serve residential areas primarily internal to one neighborhood.
- **Local Streets** provide access to single family residential neighborhoods.

The Authority categorizes land use into four designations residential, commercial, industrial, agricultural, and special uses.

- **Agricultural** developments consist of farming, ranching, one single-family dwelling or one mobile home on parcels of five acres or more, portable buildings or storage buildings.
- **Residential** developments consist of one single-family dwellings, Duplexes-fourplexes, Duplex-fourplex townhouses, Duplex-fourplex condominiums, multi-family dwellings of five or more units, and mobile home or modular home
- **Commercial** developments consist of office buildings, retail, personal services, storages, restaurant and hospitality.
- **Industrial** developments consist of manufacturing, shipping, laboratories, utilities, heavy equipment sales, and lumber yards, primarily generating heavy truck or rail traffic.

Definitions

Access point: Driveways, median openings and street connections to a roadway.

Auxiliary Lane: A lane striped for use as a speed-change lane allowing for safe merging into through traffic or to leave through traffic.

Corner Clearance: The distance along the edge of the traveled way from the closest edge of pavement of the intersecting roadway to the closest edge of pavement of the nearest access connection.

Cul-de-sac: A street having but one outlet to another street, and terminated on the opposite end by a vehicular turnaround.

Hidalgo County Regional Mobility Authority [HCRMA, the Authority]: a political subdivision of the State of Texas created by one or more counties or cities in the State of Texas to finance, acquire, design, construct, operate, maintain, expand, or extend toll or non-toll transportation projects.

Hidalgo County Transportation Improvement Plan: a document that addresses the development in such areas as land development, mobility, housing, drainage, public facilities and cultural activities.

Median: A raised curbed directional divider separating traffic flows that may be traversable or non-traversable.

Multi-family: A residential development consisting of multiple dwelling units such as an apartment building.

Non-single family residential: Any residential development other than multi-family or single family such as town homes.

Offset: This distance or clearance between street approaches.

Queue: A successive stacking of vehicles.

Storage: Stacking of vehicles usually in a queue.

Throat Length: the length of the driveway up to the first conflict point.

TxDOT: Texas Department of Transportation

DESIGN STANDARDS

Driveway widths

Residential

Single family residential driveways shall be constructed with a minimum width of 12 ft maximum width of 25 ft at the right-of-way. (*HCRMA Policy*)

Commercial

Commercial, non-single family residential and multi-family driveways that connect to an arterial street, highway, or freeway shall be a minimum of 25 ft wide to a maximum of 45 ft wide. (*HCRMA Policy*)

Driveways for utility facilities shall be constructed using single family residential driveway standards with specific approval from the HCRMA engineer.

Access points

Location

To preserve the functionality of the adjacent roadway, the location and spacing of access points will be determined by classification. All states, counties, and cities provide full access control along freeways. Table 1 shows the proper spacing by functional classification. A minimum of one hundred twenty-five feet (125 ft) shall be required for Opposite Left Access Points. The spacing between access points shall be measured from the edge of one access point to the closest edge of the next access point along the adjacent roadway and shown on Figure 2.

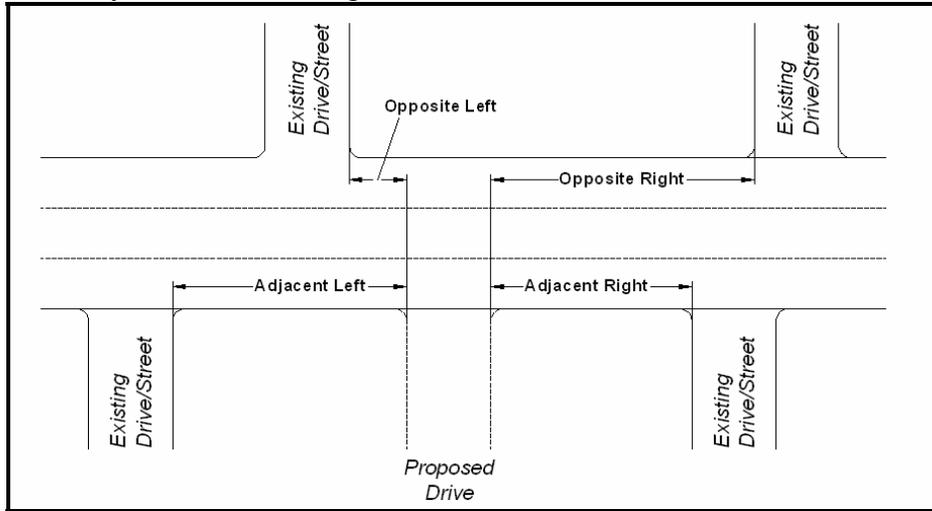


Figure 2: Measurement

Table 1: Minimum Access Point Spacing

Functional Classification	Adjacent Access Point spacing (ft)	Opposite Right Access Point spacing (ft)
Collector	200	175
Minor Arterial	250	225
Principal Arterial	360	300
High Speed Arterial	425	400

Corner Clearance

As defined above, connecting streets are considered access points. A safe distance, corner clearance, should be maintained from connecting streets, as to not interfere with the intersection operation. Driveways should not be within the area of deceleration and acceleration lanes, crosswalk, or a partial median opening. Table 2 shows the proper corner clearance distance by functional classification.

Table 2: Corner Clearance

Functional Classification	Corner clearance (ft)
Collector	200
Minor Arterial	250
Principal Arterial	360
High Speed Arterial	425

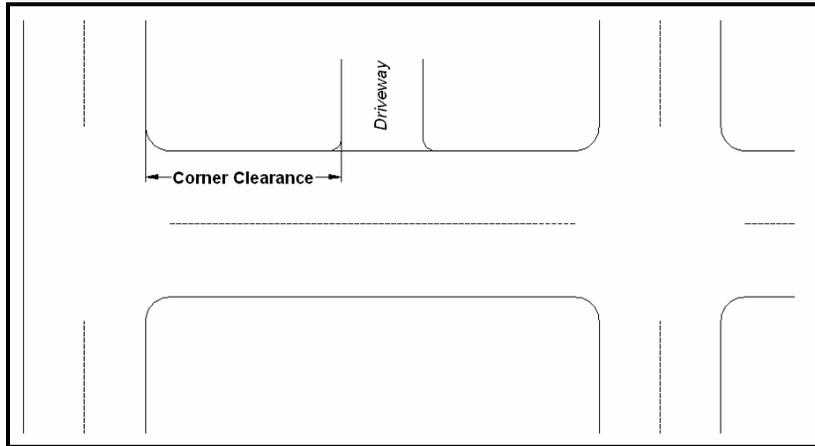


Figure 3: Corner Clearance

On-sight storage

Throat-lengths

All commercial developments are required to provide 30 feet minimum of throat length. Any development plan with an internal roadway network, a minimum storage of 80 feet measure from right-of-way line shall be required before any crossing or left turning conflicts are allowed, as shown on Figure 4. The minimum driveway throat length requirement may increase on a project-by-project basis based on recommendations by the HCRMA Engineer or a TIA on the internal roadway network.

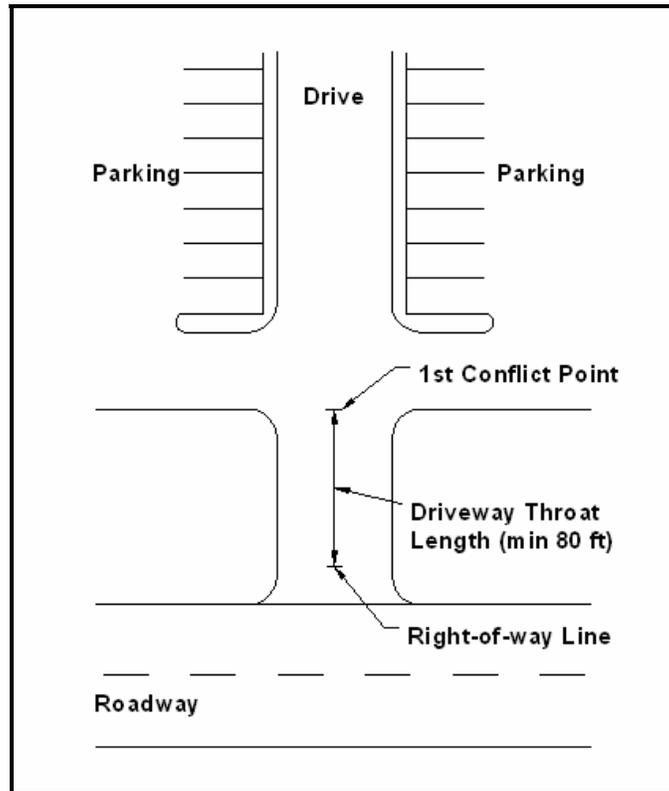


Figure 4: Driveway Throat Length

Residential

Residential access along arterials shall be designed to provide adequate space on the property for vehicles to turn around without the need to back onto the roadway.

Non-Residential

Non-residential and mixed use access shall be designed so that backing, loading, unloading, and other maneuvers are accommodated on-site and not using the public right-of-way and the access shall provide adequate storage to prevent entering or exiting vehicles from obstructing the flow of traffic on roadways. The Engineer may provide verification by means of turning movement templates or Auto-Turn. A driveway median may be required to preserve the length of storage, or to prevent cross access to an out-parcel within the storage area of a driveway.

Special Traffic Generators

Adequate storage shall be provided within the internal circulation system for properties that include either a drop-off loop or drive-through facility so that vehicles do not queue onto roadways, do not interfere with parking or internal circulation and do not block driveways. Dimensions are measured from the right of way. Minimum lengths are enumerated in Table 3.

Table 3: Special Traffic Generator Minimum Throat Lengths

Generator		Throat Length
Banking Facility	Single-lane	queue of six vehicles
	Multi-lane	queue of five vehicles per lane
Car-Wash Facility	Single-lane drive-through full service	queue of five vehicles
	Automatic or self serve multi bay	queues for two vehicles
Restaurant	Fast food with drive-through window	queue of eight vehicles measured from menu board and three vehicle lengths from menu board to pick-up window **
Gas Stations	Pumps parallel to edge of pavement	minimum setback 35 feet from pump islands to parallel right-of-way
	Pumps not parallel to edge of pavement	minimum storage of 50 feet from pump islands to right-of-way
Control Access	gated subdivision/service attendant	minimum of 40 feet from right-of-way to call box; from call box to gate 50 feet
*Note: 1 vehicle = 20ft ** or a combination approved by HCRMA Engineer equaling no less than 11 vehicles		

Schools require adequate storage for drop-off and pick areas, which should be provided entirely on the school campus site to ensure safety for the students and to minimize the impact on the surrounding traffic network. The proper treatments are shown in Table 4.

Table 4: School Storage Length

School Type	Student Population	Loop Drive Stacking Length
Elementary	200 – 600	650 – 1,000 Linear Feet
	600 – 1,200	1,000 – 1,500 Linear Feet
Middle	200 – 600	700 – 1,000 Linear Feet
	600 – 1,200	1,000 – 1,500 Linear Feet
High	400 – 800	800 – 1,200 Linear Feet
	800 – 2,500	1,200 – 1,500 Linear Feet
Note: For high school populations greater than 2,500 students, two separate student pick-up drop-off loops should be considered *SCDoT Guidelines for School Transportation Design.		

Shared Access

Where the frontage of a property is insufficient for proper spacing of an access point the HCRMA Engineer shall require shared access. The property owner shall

- Record a common ingress/egress access easement with the plat allowing ingress/egress to properties that share access as determined by the Authority or designee pursuant to this policy.
- When ever property is being platted through which ingress/egress is necessary for another property to have access to public right of way then such property shall record a common ingress/egress access easement allowing such other property shared access.
- Use of such easement by other property owners shall be made contingent on such other owner’s agreement to the shared maintenance responsibilities on a pro-rata basis, proportional to respective square footage of all properties having access to easement.

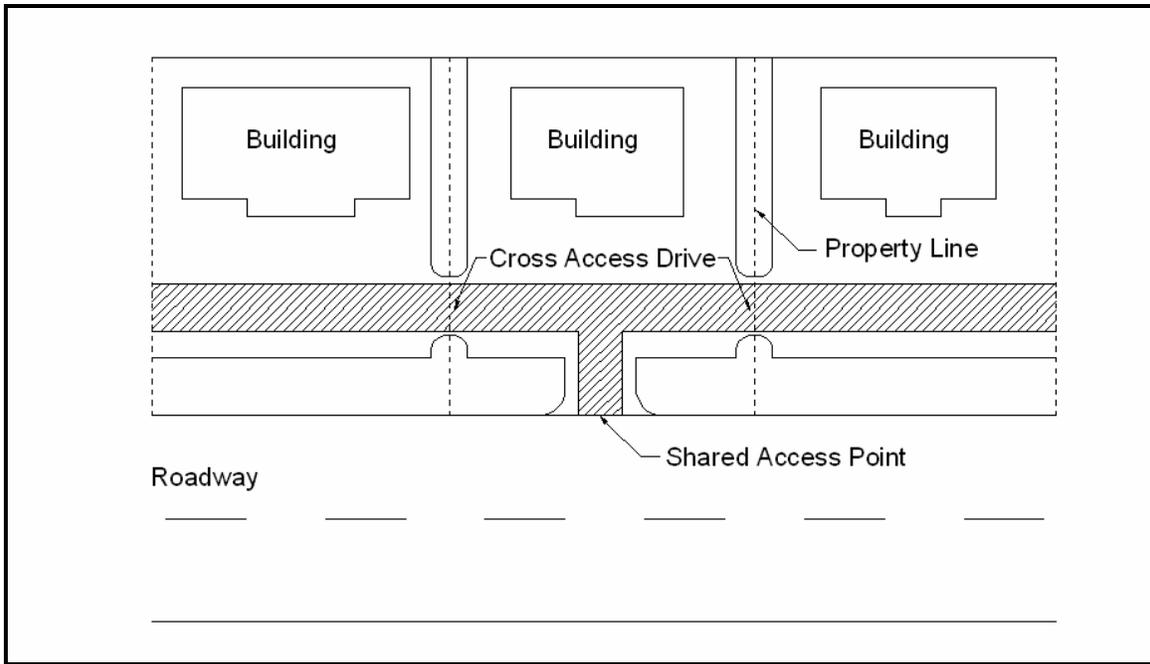


Figure 5: Shared Access

Medians

Medians

Medians should be installed on all new multilane arterials and on existing multilane arterials with an average daily traffic (ADT) volume of 24,000 vehicles per day or greater.

Median Openings

There are two types of median openings, directional and full opening. Directional median opening generally allows only left or right turns into a driveway, but left turns or through movements are not permitted out of the driveway. A full median opening allows all traffic movements. To preserve the functionality of the median and the adjacent roadway a minimum distance should be maintained between openings. Table 5 shows the minimum distance to maintain by functional classification of the adjacent roadway.

Table 5: Median Opening Requirements

Functional Classification	Median Opening (ft)	
	Full	Directional
Principal Arterial	2640	1320
High Speed Arterial	2640	1320

**Signalized intersections shall not be spaced less than 2640 ft apart.*

Full medians opening should align with cross streets or with driveways. Left-turn bays shall be provided at all median openings for safe left turn movements.

Auxiliary Lanes

Table 6 shows the thresholds for auxiliary lanes was adopted from the *TxDOT Access Management Manual*. These thresholds represent examples of where left turn and right turn lanes should be considered. Refer to the *TxDOT Roadway Design Manual*, Chapter 3, for proper acceleration and deceleration lengths.

Table 6: Auxiliary Lane Thresholds

Median Type	Left Turn to or from property		Right Turn to or from Property ⁽⁵⁾	
	Acceleration	Deceleration	Acceleration	Deceleration
Non-Traversable (Raised Median)	(2)	All	Right turn egress > 200vph ⁽⁴⁾	<ul style="list-style-type: none"> • > 45mph where right turn volume is > 50vph⁽³⁾ • ≤ 45 where right turn volume is > 60vph⁽³⁾
Traversable (Undivided Road)	(2)	(1)	Same as above	Same as above
<p>(1) Refer to Table 3-11, <i>TxDOT Roadway Design Manual</i>, for alternative left-turn-bay operational considerations.</p> <p>(2) A left-turn acceleration lane may be required if it would provide a benefit to the safety and operation of the roadway. A left-turn acceleration lane is generally not required where the posted speed is 40 mph or less, or where the acceleration lane would interfere with the left-turn ingress movements to any other access condition.</p> <p>(3) Additional right-turn consideration:</p> <ul style="list-style-type: none"> ◆ Conditions for providing an exclusive right-turn lane the right-turn traffic volume projections are less than indicated in this table: <ul style="list-style-type: none"> • High crash experience • Heavier than normal peak flow movements on the main roadway • Large volume of truck traffic • Highways where sight distance is limited ◆ Conditions for NOT requiring a right-turn lane where right-turn volumes are more than indicated in this table: <ul style="list-style-type: none"> • Dense or built-out corridor where space is limited • Where queues of stopped vehicles would block the access to the right turn lane • Where sufficient length of property width is not available for the appropriate design <p>(4) The acceleration lane should not interfere with any downstream access connection.</p> <ul style="list-style-type: none"> ◆ The distance from the end of the acceleration lane taper to the next unsignalized downstream access connection should be equal to or greater than the distance found in Table 1. ◆ Additionally, if the next access connection is signalized, the distance from the end of the acceleration lane taper to the back of the 90th percentile queue should be greater than or equal to the distance found in Table 1. <p>(5) Continuous right-turn lanes can provide mobility benefits both for through movements and for the turning vehicles.¹ Access connections within a continuous right turn lane should meet the spacing requirements found in Table 1. However, when combined with crossing left movements, a continuous right-turn lane can introduce additional operation conflicts.</p>				
<p>¹Florida Department of Transportation (FDOT), Florida's Driveway Handbook, 2002.</p>				

Projecting Streets

Streets

Streets and traffic lanes shall be properly aligned across an intersection. Proposed streets shall be aligned with existing streets. Where an area is built in phases an obvious effort to preserve future alignment shall be made. Local roads should not have access to principal arterials or high speed arterials.

Offset intersections are not permitted on any arterial if the offset distance (or clearance between streets) is less than three hundred feet. The minimal allowable offset shall be 250 ft on collector streets and 125 ft on local streets.

Table 7 lists the intersection spacing requirements by functional classification. Each column describes the criteria in relation to identical intersections.

Table 7: Intersection Spacing

Functional Classification	Intersection Spacing (ft)
Minor Arterial	470
Principal Arterial	870
High Speed Arterial	1320

**Signalized intersections shall not be spaced less than 2640 ft apart.*

Marginal Access Street

Where a proposed development has residential property fronting a collector road or greater a marginal access street shall be provided. The marginal access street will be parallel to and adjacent to the collector or greater road. The construction of the marginal access street will not relieve the developer of any responsibility or obligation set upon by the Authority.

Traffic Impact Analysis (TIA)

Where a proposed development is estimated to generate more than 100 peak hour trips, a Traffic Impact Analysis may be required. In the study, the proposed driveways will be analyzed to determine the loss of Level of Service (LOS), if any, and what treatments are necessary for mitigation of such.

Redevelopment

Properties with access connections which do not meet the requirements above shall be brought into compliance to the extent possible when modifications to the roadway are made or when a change in use results in one or more of the following conditions:

- When a connection permit is required.
- When plat review is required.
- When site plan review is required.
- When building permit is required.
- When a change in land use(s) occurs on the site that may change the amount or distribution of traffic using any existing access points.
- As road improvements are made within the public right-of-way adjacent to the property.

- When a site experiences an increase of twenty percent or greater in peak hour trips or 100 vehicles per hour in the peak hour, whichever is less, as determined by one of the following methods:
 - An estimation based on the latest edition of the ITE Trip Generation Manual for typical land uses, or
 - Traffic counts made at similar traffic generators located in the City of McAllen, or
 - Actual traffic monitoring conducted during the peak hour of the adjacent roadway traffic for the property.

Normal maintenance and/or repair of an existing access connection shall not be considered a physical change in the access.

If the principal activity on a parcel with access connections which do not meet the regulations of the above is discontinued for a period of one year or more, then that parcel must comply with all applicable access requirements of the above to the extent possible. The property owner should be made aware that the Authority may at any time, when deemed necessary for safety, mobility, and efficiency of the roadway, modify, remove, or relocate any access point, and may redesign the roadway including any medians, auxiliary lanes, and turning movement restrictions.

Variances

The granting of a variance shall be in harmony with the purpose and intent of this ordinance and shall not be considered until every feasible option for meeting minimum access management standards is explored.

The HCRMA Engineer, or a designee, may authorize a variance to any driveway requirement in this article for which specific approval authority has been granted via the Authority's Board. A request for a variance must be submitted to the HCRMA Engineer's office in writing.

Request for a variance from the standards herein must provide proof of unique or special conditions that make strict application of the provisions impractical, drawings providing sufficient detail to describe the request, and traffic data or any other supporting information. Incomplete requests will be rejected until all items are addressed by the applicant. Any work related to the variance that proceeds without approval of a variance is subject to removal and replacement in accordance with the Authority's design standards at the sole expense of the applicant. The application shall include proof that:

- Indirect or restricted access cannot be obtained; and
- No engineering or construction solutions can be applied to mitigate the conditions; and
- No alternative access is available from a side street

No variance shall be granted where such undue hardship is self-created by applicant.

Drainage

Applicants will be required to submit information regarding drainage as part of the access permitting process. In the case where development does not require a drainage connection to a TXDOT drainage system the Authority will review and approve all matters concerning drainage. In the case where a development does require a drainage connection to the TXDOT drainage system the Authority will review the driveway permit only. The applicant will be required to follow TXDOT's UIR system process to submit for drainage approval through the TXDOT Pharr Area Office.

Item 3H

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 3H </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 2/15/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 2/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-30 – APPROVAL OF WORK AUTHORIZATION NUMBER 4 TO THE PROFESSIONAL SERVICE AGREEMENT WITH RABA KISTNER TO PROVIDE A SOIL AND GROUNDWATER MANAGEMENT PLAN AS PART OF THE ENVIRONMENTAL CLREARENCE DOCUMENT FOR THE INTERNATIONAL BRIDGE TRADE COORIDOR PROJECT.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No

Consideration and approval of Work Authorization Number 4 with Raba Kistner to provide a soil and groundwater management plan for the IBTC Environmental Clearance Document in the amount of \$3,307.86.

3. Policy Implication: Board Policy, Local Government, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: Yes No X N/A Funding Source:

5. Staff Recommendation: **Motion to approve Resolution 2016-30 – Approval of Work Authorization Number 4 to the Professional Service Agreement with Raba Kistner to provide a soil and groundwater management plan as part of the environmental clearance document for the International Bridge Trade Corridor Project.**

6. Program Manager’s Recommendation: X Approved Disapproved None

7. Construction Engineer’s Recommendation: Approved Disapproved X None

8. Chief Auditor’s Recommendation: Approved Disapproved X None

9. Board Attorney’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Executive Director’s Recommendation: X Approved Disapproved None



- Environmental
- Engineering
- Geo-Technical **Raba Kistner Consultants**
- Surveying

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2016-30

- Work Authorization # 4
- Supplemental # _____ to WA # _____
- Supplemental # _____

Amount: \$ 3,307.86

Approved Amendments:

Resolution No.	Description	Amount
2014 -72	Work Authorization Number 1	\$ 520,433.54
2014-106	Supplemental 1 to Work Authorization 1	\$ 0.00
2015-06	Supplemental 2 to Work Authorization 1	\$ 6,485.26
2015	Supplemental 3 to Work Authorization 1	\$ 0.00
2015-12	Supplemental 4 to Work Authorization 1	\$ 11,769.82
Subtotal from Cont. Page		\$ 29,536.81

Contract Amount **\$ 568,225.43**

Proposed Amendment

2016-30	Work Authorization Number 4	\$ 3,307.86
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Goal and Options:

Work Authorization Number 4 is to provide a soil and groundwater plan as part of the environmental clearance document for the IBTC Project in the amount of \$3,307.86.

Staff is recommending approval of this request in the amount of \$ 3,307.86
Proposed Revised Contract Amount of \$ 571,533.29

Approved Amendments Cont...

Resolution No. 2016-30

Requisition No.	Description	Amount
2016-06	Supplemental 6 to Work Authorization 1	\$ 10,031.36
2016-07	Work Authorization Number 3	\$ 19,505.45

Subtotal \$ 29,536.81

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2016 – 30

**APPROVAL OF WORK AUTHORIZATION NUMBER 4 TO THE
PROFESSIONAL SERVICE AGREEMENT WITH RABA
KISTNER TO PROVIDE A SOIL AND GROUNDWATER
MANAGEMENT PLAN AS PART OF THE ENVIRONMENTAL
CLEARANCE DOCUMENT FOR THE INTERNATIONAL
BRIDGE TRADE CORRIDOR PROJECT**

THIS RESOLUTION is adopted this 23rd day of February, 2016, by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”);

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 22, 2012 the Authority approved Resolution 2012-04, which created the Technical Committee, comprised of senior level engineers and professional from various communities and agencies in the jurisdiction of the Authority, to serve to advise the Board on procurement and consultant work products; and

WHEREAS, Resolution 2012-04 also authorized the Executive Committee to determine the size, structure and scope of the Technical Committee, identify candidates and issue requests for participation; and

WHEREAS, Resolution 2013-41 authorized the use and structure of the Technical Committee to rate, rank and recommend a short list to the Board of Directors for the Statements of Qualifications for the International Bridge Trade Corridor Project for Engineering, Surveying and Geotechnical Services; and

WHEREAS, the Technical Committee has rated and ranked the Statements of Qualifications for the International Bridge Trade Corridor Project for Geotechnical Engineering Services and recommends that Board of Directors interview Raba Kistner, L&G Laboratory and Terracon; and

WHEREAS, on January 22, 2014, the Board of Directors the Board of Directors formally interviewed all the short listed firms for Engineering and Geotechnical Services for the International Bridge Trade Corridor Project, determine a final ranking and authorize HCRMA Staff to negotiate with the top ranked firm of Raba Kistner and L&G Laboratory for Geotechnical Engineering Services; and

WHEREAS, on July 23, 2014, the Authority approved a Professional Service Agreements with Raba Kistner for Geotechnical Engineering Services for the International Bridge Trade Corridor Project (IBTC); and

WHEREAS, on July 23, 2014, the Authority approved Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for Geotechnical Engineering Services for the IBTC Project in the amount of \$520,433.54; and

WHEREAS, on November 20, 2014, the Authority approved Supplemental Number 1 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for a no-cost work schedule modification for Geotechnical Engineering Services for the IBTC Project due to rain delays; and

WHEREAS, on February 25, 2015, the Authority approved Supplemental Number 2 to Work Authorization Number 1 for a no-cost work schedule modification due to additional rain delays; and

WHEREAS, on February 25, 2015, the Authority approved Supplemental Number 3 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for a concrete pavement design for the BSIF Connector Road as part of the US 281/Military Highway Overpass Project in the amount of \$6,485.26; and

WHEREAS, on March 26, 2015, the Authority approved Supplemental Number 4 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for an overweight asphalt pavement design for the State Highway 365 Project in the amount of \$11,769.82; and

WHEREAS, on September 22, 2015, the Authority approved Supplemental Number 1 to Work Authorization Number 2 for a no-cost time extension; and

WHEREAS, on December 15, 2015, the Authority approved Supplemental Number 5 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for a no-cost time extension to provide pavement design for the US 281/Military Highway Overpass/BSIF Connector Project; and

WHEREAS, on January 26, 2016, the Authority approved Work Authorization Number 3 to the Professional Service Agreement with Raba Kistner to provide overweight concrete pavement analysis for the main lanes for the State Highway 365 Segments 1, 2, and 4 Project in the amount of \$19,505.45; and

WHEREAS, the Authority has determined it is necessary to approve Work Authorization Number 4 to the Professional Service Agreement with Raba Kistner to provide a soil and groundwater management plan as part of the environmental clearance document for the International Bridge Trade Corridor Project in the amount of \$3,307.86;

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

- Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.
- Section 2. The Board hereby approves Work Authorization Number 4 to Professional Service Agreement with Raba Kistner in the amount of \$3,307.86, hereto attached as Exhibit A.
- Section 3. The Board authorizes the Executive Director to execute Work Authorization Number 4 to Professional Service Agreement with Raba Kistner for Geotechnical Engineering Services.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

Exhibit A

Work Authorization Number 4
to
Professional Service Agreement
with
Raba Kistner
for
Geotechnical Engineering Services
for the
International Bridge Trade Corridor

◆ Contract ◆

**Hidalgo County
Regional Mobility Authority
(HCRMA)(Authority)**

**Engineering / Design Services
Geo-Technical / Segment 0010 IBTC
Geotechnical Borings and
Investigations for: Bridge, Pavement,
and Embankments**

Work Authorization No. 4

February 23, 2016

Raba Kistner Consultants, Inc.

ATTACHMENT D-1

**WORK AUTHORIZATION NO. 4
AGREEMENT FOR ENGINEERING SERVICES**

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of “Article V of that certain Professional Services Agreement for Engineering Services” (the Agreement) entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and Raba Kistner, Inc. (the Engineer).

PART I. The Engineer will perform engineering design services generally described as in accordance with the project description attached hereto and made a part of this Work Authorization. The responsibilities of the Authority and the Engineer as well as the work schedule are further detailed in exhibits A, B and C which are attached hereto and made a part of the Work Authorization.

PART II. The maximum amount payable under this Work Authorization is \$3,307.86 and the method of payment is **Lump Sum** as set forth in Attachment E of the Agreement. This amount is based upon fees set forth in Attachment E, Fee Schedule, of the Agreement and the Engineer’s estimated Work Authorization costs included in Exhibit D, Fee Schedule, which is attached and made a part of this Work Authorization.

PART III. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with Articles III thru V of the Agreement, and Attachment A, Section 1.

PART IV. This Work Authorization shall become effective on the date of final acceptance of the parties hereto and shall terminate on April 30, 2016, unless extended by a supplemental Work Authorization as provided in Attachment A, Section 1.

PART V. This Work Authorization does not waive the parties' responsibilities and obligations provided under “Article V of that certain Professional Services Agreement for Engineering / Design Services IBTC Geo-Technical / Segment 0010 IBTC Geotechnical Borings and Investigations for: Bridge, Pavement, and Embankments.

IN WITNESS WHEREOF, this Work Authorization is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE ENGINEER

THE AUTHORITY

(Signature)
Chris L. Schultz

(Printed Name)
President

(Title)

(Date)

(Signature)
Pilar Rodriguez, P.E.

(Printed Name)
Executive Director

(Title)

(Date)

LIST OF EXHIBITS

- Exhibit A Services to be provided by the Authority
- Exhibit B Services to be provided by the Engineer
- Exhibit C Work Schedule
- Exhibit D Fee Schedule/Budget
- Exhibit H-2 Subprovider Monitoring System Commitment Agreement

EXHIBIT A
SERVICES TO BE PROVIDED BY THE AUTHORITY

GENERAL

This contract will include the following items of work which may have overlap due to accelerated schedule:

APD Coordination with **AUTHORITY** for Final Environmental documentation

PS&E P.S. & E. Development

The **AUTHORITY** will provide the following general items.

1. Authorization to begin work.
2. Timely payment for work performed by the **Engineer** and accepted by the **AUTHORITY** on a monthly basis.
3. Assistance to the **Engineer**, as necessary, to obtain the required data and information from other local, regional, State and Federal agencies that the **Engineer** cannot easily obtain.
4. Provide any available relevant data the **AUTHORITY** may have on file concerning the project.
5. Review and approve the **Engineer**'s progress schedule with milestone activities and/or deliverables identified.
6. Provide timely review and decisions in accordance with **TxDOT's Advanced Funding Agreement for SH365** in response to the **Engineer**'s request for information and/or required submittals and deliverables, in order for the **Engineer** to maintain the agreed-upon work schedule identified in Attachment F.
7. Request Project CSJ's from TxDOT.

ROUTE AND DESIGN STUDIES (FC 110)

The **AUTHORITY** will provide the following:

Design Criteria

1. Attend Design Concept Conference to approve design criteria.
2. Review/approve Design Summary Report.
3. Attend and participate in the Value Engineering Study

Schematic Update

1. Provide all design and reference files in electronic (.dgn) format for existing schematic.
2. Provide drainage layout currently on file in Arcview Format.

EXHIBIT A
SERVICES TO BE PROVIDED BY THE AUTHORITY

SOC, ECO AND ENVIRON STUDIES & PUBLIC INVOLVEMENT (FC 120)

The **AUTHORITY** will provide the Environmental Document and electronic Constraints map for the project for development of the Environmental Permits, Issues and Commitments (EPIC) sheets and any other compliance issues.

RIGHT-OF-WAY DATA (FC 130)

The **AUTHORITY** will provide the following:

1. Assist the **Engineer**, as necessary, with coordination of any utility relocations that may be required.
2. Ownership Data in a .dgn file
 - a. Ownership Information shall be provided for the corridor width.
 - b. All utility ownership shall be provided.
3. Parcel plats & Right-of-Way Map.
 - a. A ROW map, parcel plats and field notes shall be prepared and furnished.
 - b. ROW map and field notes shall be revised as required due to changes in Highway Design, Ownership Changes or Revised Parcel Numbering. All plats and field notes must be signed and sealed by a Registered Professional Land Surveyor (RPLS).
 - c. ROW map must depict all improvements affecting ROW.
 - d. ROW map must meet all requirements as specified in TxDOT ROW manuals.
4. Utility Adjustments:
AUTHORITY (TxDOT as necessary) will execute utility agreements provided by the Engineer for all required utility adjustments.
5. Survey and Stake Right-of-Way
6. Right of Entry to all affected properties located within the project limits.
7. Deliverables: Right of way Map in electronic format (.dgn).

FIELD SURVEYING AND PHOTOGRAMMETRY (FC 150)

The **AUTHORITY** will provide the following:

Deliverables:

1. Survey Control Data Sheets signed and sealed by a RPLS on mylar 11X17 sheets.
2. 2d-planimetric, 3d-digital terrain model in a Microstation (.dgn) format delivered on CD ROM media. Also to be included is the TIN file, and Geopak files utilized and/or generated by Surveyor.
3. One Hard Copy of Field Surveying Book
4. All survey information required for the development of the PS&E for the project.

DRAINAGE (FC 161)

The **AUTHORITY** will provide the following:

1. Timely review/approval of the Hydraulic Study.

EXHIBIT A
SERVICES TO BE PROVIDED BY THE AUTHORITY

MISCELLANEOUS ROADWAY (FC 163)

The **AUTHORITY** will provide the following:

1. Timely review and approval of TCP in coordination with TxDOT.
2. Provide Aesthetic plans and details for project.

MANAGEMENT (FC 164)

The **AUTHORITY** will provide the following:

1. Attend/participate in progress meetings as required.
2. Timely review of submittals as required.

EXHIBIT B
SERVICES TO BE PROVIDED BY THE ENGINEER

GENERAL SCOPE OF WORK

Preparation of Recommended Maintenance and Rehabilitation Schedule Over the Service Life of Overweight Rigid (Concrete) Pavement Design for the Main Lanes of State Highway (SH) 365 – Segments 1, 2, and 4

On the basis of the electronic-mail messages received by our office from Mr. Eric Davila, P.E., CFM, with Dannenbaum Engineering Corporation, the Hidalgo County Regional Mobility Authority (HCRMA) Program Management firm on Tuesday, November 24, 2015, and on Monday, December 7, 2015; and the meeting held with HCRMA and Dannenbaum Engineering on Wednesday, December 16, 2015, we were asked to develop the maintenance and rehabilitation schedule for the overweight rigid (concrete) pavement design alternative for the main lanes, ramps, and frontage roads of State Highway (SH) 365, Segments 1, 2, and 4. We understand that this information will be used to estimate the life cycle analysis cost of this pavement alternative. The maintenance and rehabilitation (M&R) schedule will include the recommended M&R activities required to keep the rigid pavement tollroad operational through its design service life. We understand that the HCRMA and Dannenbaum Engineering wish to evaluate the 30-year life cycle cost for the 30-year overweight concrete pavement design, and the 40-yr life cycle cost for the 40-yr concrete pavement design. Thus, the recommended M&R activities and their corresponding time schedules will be provided for both concrete pavement design service life periods.

It is our understanding that the HCRMA and Dannenbaum Engineering will utilize our recommended M&R activities schedule in order to estimate the costs over time, as well as a present value cost for the evaluation of the life cycle analysis of the overweight rigid pavement design for this project.

In addition to the above, we also will provide recommended construction details and material specifications for the concrete pavement, for implementation in the construction documents for this project.

The enclosed fee schedule/budget provides a breakdown of the effort and cost of this work authorization. These services will be completed within 60 calendar days of receiving written authorization to proceed with this supplemental work authorization. Draft information and recommendations will be provided as they are generated in order to meet the HCRMA project implementation timelines.

**EXHIBIT C
WORK SCHEDULE**

ID	Task Name	Duration	Start	Finish	Feb 28, '16	Mar 6, '16	Mar 13, '16	Mar 20, '16	Mar 27, '16	Apr 3, '16	Apr 10, '16
1	PREPARATION OF AFFECTED SOILS AND GROUNDWATER MANAGEMENT PLAN - SITE 26	30 days	Tue 3/1/16	Mon 4/11/16							
2	FC 110 - Environmental Sampling, Testing, and Reporting	30 days	Tue 3/1/16	Mon 4/11/16							
3	Preparation of ASGWMP	11 days	Tue 3/1/16	Tue 3/15/16	11 days						
4	CLIENT/HCRMA REVIEW	5 days	Wed 3/16/16	Tue 3/22/16	5 days						
5	TxDOT Review	9 days	Wed 3/23/16	Mon 4/4/16	9 days						
6	Revisions and Issue Final Plan	5 days	Tue 4/5/16	Mon 4/11/16	5 days						

EXHIBIT D
FEE SCHEDULE BUDGET

EXHIBIT D - FEE SCHEDULE
 TABLE OF DELIVERABLES
 Method of Payment: Lump Sum
 Work Authorization No. 4

RABA KISTNER
 FEE SCHEDULE/BUDGET FOR HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
 SH 365 - Preparation of ASGWMP

TASK DESCRIPTION	Unit	Hourly Rate	Estimated Hours	Task Cost
FC 110 - ENVIRONMENTAL (PM Hours)				
Global Stability Check of Embankments -44 locations, 2.5 hours per location	0.90% hour	\$200.91	0	\$
Pavement Design - Concrete for SH 365 Segments 1, 2, 3 and 4	hour	\$200.91	0	\$
Pavement Design - Concrete for BTC Segments 1, 2 and 3.	hour	\$200.91	0	\$
Pavement Design - Conventional Asphalt for BTC Segments 1, 2 and 3.	hour	\$200.91	0	\$
Deep Foundation Design and Analysis and Lilt Station Analysis (2 hours)	hour	\$200.91	0	\$
Laying out Needed Drilling Scheme & Plan View of Boring Logs	hour	\$200.91	0	\$
Structural Evaluation of Borings (Soil Shear Strength Computations)	hour	\$200.91	0	\$
Creation of Final Boring Logs with TCP and Soil Index Testing Data (116 borings Total Estimated at 0.25 hr. each)	hour	\$200.91	0	\$
5 Project Site Visit	hour	\$200.91	0	\$
Geotechnical Report, Soil Geology, Site Soils, Analyses, Recs.	hour	\$200.91	0	\$
Coordination and Meetings	hour	\$200.91	4	\$ 803.64
Pavement Cycle Analyses	hour	\$200.91	0	\$
FC 110 - ENVIRONMENTAL PROFESSIONAL AND GEOLOGIST Hours				
Global Stability Check of Embankments -44 locations, 10 hours per location	hour	\$100.81	0	\$
Pavement Design - Concrete for SH 365 Segments 1, 2, 3 and 4	hour	\$100.81	0	\$
Pavement Design - Concrete for BTC Segments 1, 2 and 3.	hour	\$100.81	0	\$
Pavement Design - Conventional Asphalt for BTC Segments 1, 2 and 3.	hour	\$100.81	0	\$
Deep Foundation Design and Analysis and Lilt Station Analysis (12 hours)	hour	\$100.81	0	\$
Laying out Needed Drilling Scheme & Plan View of Boring Logs	hour	\$100.81	0	\$
Structural Evaluation of Borings (Soil Shear Strength Computations)	hour	\$100.81	0	\$
Creation of Final Boring Logs with TCP and Soil Index Testing Data (116 borings Total Estimated at 1.0 hr. each)	hour	\$100.81	0	\$
10 Project Site Visit	hour	\$100.81	0	\$
Geotechnical Report, Soil Geology, Site Soils, Analyses, Recs.	hour	\$100.81	0	\$
Environmental Analysis and Reporting	hour	\$100.81	16	\$ 1,612.96
Coordination and Meetings	hour	\$100.81	2	\$ 201.62
FC 110 - ENVIRONMENTAL Admin Hours				
Administrative Hours - Report Preparation and Billing	hour	\$61.79	6	\$ 370.74
SUB-TOTAL - ENVIRONMENTAL (ESA-I) PROFESSIONAL LABOR			28	\$ 2,988.96
TOTAL DIRECT EXPENSES (FROM BELOW)				\$ 288.90
SUB-TOTAL - ENVIRONMENTAL SOIL BORING INSTALLATION AND LABORATORY TESTING (See Page 2 of 2)				\$ 20.00
Raba Kistner TOTAL				\$ 3,307.86
GRAND TOTAL				\$ 3,307.86
DIRECT EXPENSES	Units	Unit Cost	Quantity	
Mileage		0	0	\$
Project Contingency		0.1	2,988.96	\$ 298.90
TOTAL DIRECT EXPENSES				\$ 288.90

EXHIBIT D
TABLE OF DELIVERABLES
 Method of Payment: Lump Sum

RABA KISTNER
FEE SCHEDULE/BUDGET FOR HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
SH 365 ASGWMP - Site 26

Limits: Between FM 1016/Conway Avenue to US 281/Military Highway, Hidalgo County, Texas.

TASK DESCRIPTION				
TASK DESCRIPTION	Unit	Fixed Cost	Total Estimated	Task Cost
FC 110 - GEOTECHNICAL (DRILLING AND TESTING)	0.90%	0.90%		
Report Copies	per copy	\$10.00	2	\$ 20.00
SUB-TOTAL - GEOTECHNICAL EXPLORATIONS AND LABORATORY TESTING				\$ 20.00

EXHIBIT H-2
Subprovider Monitoring System Commitment Agreement

EXHIBIT H-2
Subprovider Monitoring System Commitment Agreement

This commitment agreement is subject to the award and receipt of a signed contract from the Hidalgo County Regional Mobility Authority (Authority). **NOTE: Attachment H-2 is required to be attached to each contract that does not include work authorizations. Attachment H-2 is required to be attached with each work authorization. Attachment H-2 is also required to be attached to each supplemental work authorization. If DBE/HUB Subproviders are used, the form must be completed and signed. If no DBE/HUB Subproviders are used, indicate with "N/A" on this line: _____ and attach with the work authorization or supplemental work authorization.**

Contract #: _____ Assigned Goal: 12.2% Prime Provider Raba Kistner, Inc.

Work Authorization (WA)#: 4 WA Amount: \$3,307.86 Date: _____

Supplemental Work Authorization (SWA) #: _____ to WA #: _____ SWA Amount: _____

Revised WA Amount: _____

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
FC 110 – Raba Kistner	\$3,307.86
	\$
Total Commitment Amount <i>(Including all additional pages.)</i>	\$3,307.86

IMPORTANT: The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.

Provider Name: Raba Kistner, Inc. Address: 12821 W. Golden Lane San Antonio, Texas 78249 VID Number: 74-1611534 PH: & FAX: 210-699-9090 / 210-699-6426 Email: cschultz@rkci.com	Name: <u>Chris L. Schultz</u> <i>(Please Print)</i> Title: <u>President</u> Signature Date
DBE/HUB Sub Provider Subprovider Name: , Inc VID Number: Address: PH: Email:	Name: _____ <i>(Please Print)</i> Title: _____ Signature Date
Second Tier Sub Provider Subprovider Name: VID Number: Address: Phone #& Fax #: Email:	Name: _____ <i>(Please Print)</i> Title: _____ Signature Date

VID Number is the Vendor Identification Number issued by the Comptroller. If a firm does not have a VID Number, please enter the owner's Social Security or their Federal Employee Identification Number (if incorporated).

Item 31

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 3I </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 2/15/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 2/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-31 – APPROVAL OF WORK AUTHORIZATION NUMBER 5 TO THE PROFESSIONAL SERVICE AGREEMENT WITH RABA KISTNER TO PROVIDE A HAZARDOUS MATERIAL ASSESSMENT AS PART OF THE ENVIRONMENTAL CLEARANCE DOCUMENT FOR THE INTERNATIONAL BRIDGE TRADE COORIDOR PROJECT.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No

Consideration and approval of Work Authorization Number 5 with Raba Kistner to provide a hazardous material assessment for the IBTC Environmental Clearance Document in the amount of \$60,481.26.

3. Policy Implication: Board Policy, Local Government, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: Yes No X N/A Funding Source:

5. Staff Recommendation: **Motion to approve Resolution 2016-31 – Approval of Work Authorization Number 5 to the Professional Service Agreement with Raba Kistner to provide hazardous material assessment as part of the environmental clearance document for the International Bridge Trade Corridor Project.**

6. Program Manager’s Recommendation: X Approved Disapproved None

7. Construction Engineer’s Recommendation: Approved Disapproved X None

8. Chief Auditor’s Recommendation: Approved Disapproved X None

9. Board Attorney’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Executive Director’s Recommendation: X Approved Disapproved None



- Environmental
- Engineering
- Geo-Technical **Raba Kistner Consultants**
- Surveying

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2016-31

Work Authorization # 5

Supplemental # _____ to WA # _____

Supplemental # _____

Amount: \$ 60,481.26

Approved Amendments:

Resolution No.	Description	Amount
2014 -72	Work Authorization Number 1	\$ 520,433.54
2014-106	Supplemental 1 to Work Authorization 1	\$ 0.00
2015-06	Supplemental 2 to Work Authorization 1	\$ 6,485.26
2015	Supplemental 3 to Work Authorization 1	\$ 0.00
2015-12	Supplemental 4 to Work Authorization 1	\$ 11,769.82
Subtotal from Cont. Page		<u>\$ 32,844.67</u>

Contract Amount **\$ 571,533.29**

Proposed Amendment

2016-31	Work Authorization Number 5	\$ 60,481.26
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Goal and Options:

Work Authorization Number 5 is to provide a hazardous material assessment as part of the environmental clearance document for IBTC in the amount of \$60,481.26.

Staff is recommending approval of this request in the amount of \$ 60,481.26

Proposed Revised Contract Amount of \$ 632,014.55

Approved Amendments Cont...

Resolution No. 2016-31

Requisition No.	Description	Amount
2016-06	Supplemental 6 to Work Authorization 1	\$ 10,031.36
2016-07	Work Authorization Number 3	\$ 19,505.45
2016-30	Work Authorization Number 4	\$ 3,307.86

Subtotal \$ 32,844.67

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2016 – 31

**APPROVAL OF WORK AUTHORIZATION NUMBER 5 TO THE
PROFESSIONAL SERVICE AGREEMENT WITH RABA
KISTNER TO PROVIDE HAZARDOUS MATERIAL
ASSESSMENT AS PART OF THE ENVIRONMENTAL
CLEARANCE DOCUMENT FOR THE INTERNATIONAL
BRIDGE TRADE CORRIDOR PROJECT**

THIS RESOLUTION is adopted this 23rd day of February, 2016, by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”);

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 22, 2012 the Authority approved Resolution 2012-04, which created the Technical Committee, comprised of senior level engineers and professional from various communities and agencies in the jurisdiction of the Authority, to serve to advise the Board on procurement and consultant work products; and

WHEREAS, Resolution 2012-04 also authorized the Executive Committee to determine the size, structure and scope of the Technical Committee, identify candidates and issue requests for participation; and

WHEREAS, Resolution 2013-41 authorized the use and structure of the Technical Committee to rate, rank and recommend a short list to the Board of Directors for the Statements of Qualifications for the International Bridge Trade Corridor Project for Engineering, Surveying and Geotechnical Services; and

WHEREAS, the Technical Committee has rated and ranked the Statements of Qualifications for the International Bridge Trade Corridor Project for Geotechnical Engineering Services and recommends that Board of Directors interview Raba Kistner, L&G Laboratory and Terracon; and

WHEREAS, on January 22, 2014, the Board of Directors the Board of Directors formally interviewed all the short listed firms for Engineering and Geotechnical Services for the International Bridge Trade Corridor Project, determine a final ranking and authorize HCRMA Staff to negotiate with the top ranked firm of Raba Kistner and L&G Laboratory for Geotechnical Engineering Services; and

WHEREAS, on July 23, 2014, the Authority approved a Professional Service Agreements with Raba Kistner for Geotechnical Engineering Services for the International Bridge Trade Corridor Project (IBTC); and

WHEREAS, on July 23, 2014, the Authority approved Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for Geotechnical Engineering Services for the IBTC Project in the amount of \$520,433.54; and

WHEREAS, on November 20, 2014, the Authority approved Supplemental Number 1 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for a no-cost work schedule modification for Geotechnical Engineering Services for the IBTC Project due to rain delays; and

WHEREAS, on February 25, 2015, the Authority approved Supplemental Number 2 to Work Authorization Number 1 for a no-cost work schedule modification due to additional rain delays; and

WHEREAS, on February 25, 2015, the Authority approved Supplemental Number 3 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for a concrete pavement design for the BSIF Connector Road as part of the US 281/Military Highway Overpass Project in the amount of \$6,485.26; and

WHEREAS, on March 26, 2015, the Authority approved Supplemental Number 4 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for an overweight asphalt pavement design for the State Highway 365 Project in the amount of \$11,769.82; and

WHEREAS, on September 22, 2015, the Authority approved Supplemental Number 1 to Work Authorization Number 2 for a no-cost time extension; and

WHEREAS, on December 15, 2015, the Authority approved Supplemental Number 5 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for a no-cost time extension to provide pavement design for the US 281/Military Highway Overpass/BSIF Connector Project; and

WHEREAS, on January 26, 2016, the Authority approved Work Authorization Number 3 to the Professional Service Agreement with Raba Kistner to provide overweight concrete pavement analysis for the main lanes for the State Highway 365 Segments 1, 2, and 4 Project in the amount of \$19,505.45; and

WHEREAS, on February 23, 2016, the Authority approved Work Authorization Number 4 to the Professional Service Agreement with Raba Kistner to provide a soil and groundwater management plan as part of the environmental clearance document for the International Bridge Trade Corridor Project in the amount of \$3,307.86; and

WHEREAS, the Authority has determined it is necessary to approve Work Authorization Number 5 to the Professional Service Agreement with Raba Kistner to provide a hazardous material assessment as part of the environmental clearance document for the International Bridge Trade Corridor Project in the amount of \$60,481.26;

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

- Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.
- Section 2. The Board hereby approves Work Authorization Number 5 to Professional Service Agreement with Raba Kistner in the amount of \$60,481.26, hereto attached as Exhibit A.
- Section 3. The Board authorizes the Executive Director to execute Work Authorization Number 5 to Professional Service Agreement with Raba Kistner for Geotechnical Engineering Services.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

Exhibit A

Work Authorization Number 5
to
Professional Service Agreement
with
Raba Kistner
for
Geotechnical Engineering Services
for the
International Bridge Trade Corridor

◆ Contract ◆

**Hidalgo County
Regional Mobility Authority
(HCRMA)(Authority)**

**Engineering / Design Services
Geo-Technical / Segment 0010 IBTC
Geotechnical Borings and
Investigations for: Bridge, Pavement,
and Embankments**

Work Authorization No. 5

February 23, 2016

Raba Kistner Consultants, Inc.

ATTACHMENT D-1

**WORK AUTHORIZATION NO. 5
AGREEMENT FOR ENGINEERING SERVICES**

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of “Article V of that certain Professional Services Agreement for Engineering Services” (the Agreement) entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and Raba Kistner, Inc. (the Engineer).

PART I. The Engineer will perform engineering design services generally described as in accordance with the project description attached hereto and made a part of this Work Authorization. The responsibilities of the Authority and the Engineer as well as the work schedule are further detailed in exhibits A, B and C which are attached hereto and made a part of the Work Authorization.

PART II. The maximum amount payable under this Work Authorization is \$60,481.26 and the method of payment is **Lump Sum** as set forth in Attachment E of the Agreement. This amount is based upon fees set forth in Attachment E, Fee Schedule, of the Agreement and the Engineer’s estimated Work Authorization costs included in Exhibit D, Fee Schedule, which is attached and made a part of this Work Authorization.

PART III. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with Articles III thru V of the Agreement, and Attachment A, Section 1.

PART IV. This Work Authorization shall become effective on the date of final acceptance of the parties hereto and shall terminate on April 30, 2016, unless extended by a supplemental Work Authorization as provided in Attachment A, Section 1.

PART V. This Work Authorization does not waive the parties' responsibilities and obligations provided under “Article V of that certain Professional Services Agreement for Engineering / Design Services IBTC Geo-Technical / Segment 0010 IBTC Geotechnical Borings and Investigations for: Bridge, Pavement, and Embankments.

IN WITNESS WHEREOF, this Work Authorization is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE ENGINEER

THE AUTHORITY

(Signature)
Chris L. Schultz

(Printed Name)
President

(Title)

(Date)

(Signature)
Pilar Rodriguez, PE

(Printed Name)
Executive Director

(Title)

(Date)

LIST OF EXHIBITS

- Exhibit A Services to be provided by the Authority
- Exhibit B Services to be provided by the Engineer
- Exhibit C Work Schedule
- Exhibit D Fee Schedule/Budget
- Exhibit H-2 Subprovider Monitoring System Commitment Agreement

EXHIBIT A
SERVICES TO BE PROVIDED BY THE AUTHORITY

GENERAL

This contract will include the following items of work which may have overlap due to accelerated schedule:

The **AUTHORITY** will provide the following general items.

1. Authorization to begin work.
2. Timely payment for work performed by the **Engineer** and accepted by the **AUTHORITY** on a monthly basis.
3. Assistance to the **Engineer**, as necessary, to obtain the required data and information from other local, regional, State and Federal agencies that the **Engineer** cannot easily obtain.
4. Provide any available relevant data the **AUTHORITY** may have on file concerning the project.
5. Review and approve the **Engineer**'s progress schedule with milestone activities and/or deliverables identified.
6. Provide timely review and decisions in accordance with **TxDOT's Advanced Funding Agreement for SH365** in response to the **Engineer**'s request for information and/or required submittals and deliverables, in order for the **Engineer** to maintain the agreed-upon work schedule.

RIGHT-OF-WAY DATA (FC 130)

The **AUTHORITY** will provide the following:

1. Provide property access as necessary for the **Engineer** to perform environmental assessment activities described in *Exhibit A*. **AUTHORITY** will be responsible for all property access negotiation and/or right-of-entry coordination, including property owned by TxDOT. Authority will be responsible for the payment of any fees necessary to secure right-of-access to assessment properties. **AUTHORITY** will secure access to all properties targeted for assessment prior to the initiation of field activities by the **Engineer** such that field activities can be performed continuously and without disruption as proposed.
2. Property Ownership Data in a .dgn or .dwg file
 - a. Ownership Information shall be provided for the corridor width.
 - b. All utility ownership shall be provided.
3. Parcel plats & Right-of-Way Map.
 - a. A ROW map, parcel plats and field notes shall be prepared and furnished.
 - b. ROW map and field notes shall be revised as required due to changes in Highway Design, Ownership Changes or Revised Parcel Numbering. All plats and field notes must be signed and sealed by a Registered Professional Land Surveyor (RPLS).
 - c. ROW map must depict all improvements affecting ROW.
 - d. ROW map must meet all requirements as specified in TxDOT ROW manuals.

EXHIBIT A
SERVICES TO BE PROVIDED BY THE AUTHORITY

4. Locations of all existing and planned underground utilities within properties to be assessed as part of the Phase II ESA study. **AUTHORITY** will provide assistance to the **Engineer** as needed to locate and clear existing underground utilities prior to the start of field assessment activities. **AUTHORITY** will provide locations of subsurface utilities/structures located in the vicinity of proposed borings, if known.
5. Survey and Stake Right-of-Way
6. Deliverables: Right of way Map in electronic format (.dgn or .dwg); Right-of-entry agreements and/or other pertinent documentation.

WASTE MANAGEMENT

The **AUTHORITY** will provide the following:

1. If necessary pending the completion of the Phase II ESA study effort, provide additional approval and authorize additional fees for the **Engineer** to conduct waste profiling and disposal of affected soils and/or groundwater to be containerized in 55-gallon drums and temporarily staged at respective assessment properties. If generated as a result of proposed investigation activities, **Engineer** will provide cost estimates for profiling/disposal of these investigation-derived wastes, pending the receipt of analytical results and completion of assessment activities.
2. To facilitate disposal activities pending the completion of the waste profiling process and receipt of landfill/disposal facility approval, **AUTHORITY** will sign waste disposal manifests as the waste “Generator”.

EXHIBIT B

SERVICES TO BE PROVIDED BY THE ENGINEER

GENERAL SCOPE OF WORK

IBTC – Donna Reservoir Baseline Environmental Assessment

Environmental assessment activities are recommended to further evaluate baseline environmental soil conditions and potential impacts within the International Bridge Trade Corridor (IBTC) right-of-way (ROW) associated with the Donna Reservoir and Canal Superfund Site. On the basis of information provided for our use in developing this work scope, it is our understanding that the fish in the reservoir and canal system have historically exhibited impacts from polychlorinated biphenyls (PCBs) contaminants. In support of ongoing due diligence and project planning efforts, it is recommended that intrusive assessment activities be conducted to evaluate the presence of potential environmental impacts or conditions that may pose a concern with regard to planned IBTC construction activities. Specific objectives of this study are as follows:

- Evaluate the presence of PCB impacts to soil and sediment within the proposed ROW;
- Evaluate whether current contaminant conditions, if present, are at levels that would warrant additional regulatory notification and/or the initiation corrective action pursuant to Texas Commission on Environmental Quality (TCEQ) rules; and
- Establish baseline environmental conditions for the SITE and develop recommendations for affected soils/sediment management, if necessary, for consideration by the IBTC construction team.

Based on information provided by Dannebaum Engineering, the IBTC ROW crosses the Donna Reservoir and associated canal in three areas. For purposes of this proposal, the areas are designated as Area 1, Area 2, and Area 3. A brief description is provided below:

- Area 1: Approximately 1,060 linear ft located south of Business 83 and east of S. Val Verde Rd.;
- Area 2: Approximately 3,700 linear ft located where the ROW crosses the Donna Reservoir; and
- Area 3: Approximately 3,600 linear ft located west of FM 1423 (S. Valley View Rd) and south of Donna Reservoir.

As described herein, the IA work scope will consist of environmental assessment activities including collection and chemical analysis of representative soil and sediment samples with associated data reduction and reporting. A description of project tasks to be performed as part of this scope of services is provided in the following sections.

Task 1 – Field Activities

Exploratory Borings

RKEI will commission the services of a qualified environmental drilling contractor to install a series of exploratory borings within each area utilizing direct-push methods and in accordance with standard environmental sampling protocols. It is proposed that up to 56 exploratory borings will be installed to maximum depths on the order of 10-15 ft below existing ground surface as part of the overall study effort.

For budgetary purposes, assuming favorable SITE access conditions, it is anticipated that borings will be installed within an approximately 8 to 10 hour field day over the course of 5 days. As presented on **Figures 1 through 3**, borings will be spatially disturbed within each area and located primarily along the canal.

EXHIBIT B
SERVICES TO BE PROVIDED BY THE ENGINEER

During boring installation, soils will be sampled continuously and logged by an environmental professional for composition, color, degree of moisture, and visual/olfactory indications of contamination. Representative soil samples and soil vapor conditions within open boreholes will be field-screened for the presence of volatile organic compounds (VOCs) using a calibrated photoionization detector (PID). Field observations will be documented in a field notebook and subsequently used to generate environmental boring logs.

On the basis of visual and olfactory indications of contamination and the results of field screening, representative soil samples will be submitted for laboratory analysis in order to determine potential impacts to soil media. In order to provide for good vertical distribution of sampling data at respective boring locations, representative soil samples will be composited within the upper 5 ft and below 5 ft to the groundwater interface. Additionally, in the event that visibly-stained soils or other obvious indications of impact are detected as part of the field screening process, discrete samples will be also collected within zones of maximum impact (i.e., obviously affected intervals) as part of the study.

Sediment Sampling

As presented on **Figures 1 through 3**, sediment samples will also be collected in each area where the ROW crosses the reservoir or a canal. For purposes of this proposal, it is assumed that the sediments will be present in the reservoir and canals for sampling. **RKEI** personnel will mobilize a flat bottom boat and enter the reservoir and canals at accessible locations. Samples will be collected using PVC coring equipment. For budgetary purposes, assuming favorable access conditions, it is anticipated that sediment samples will be collected within an approximately 8 to 10 hour field day over the course of 4 additional days.

Schedule of Borings and Sediment Samples

The following table presents the proposed schedule of borings and sediment samples to be installed or collected per area:

AREA	NUMBER OF BORINGS	NUMBER OF SOIL SAMPLES (MAXIMUM)	NUMBER OF SEDIMENT SAMPLES (MAXIMUM)	NUMBER OF DAYS FOR BORINGS/SEDIMENT SAMPLES
1	Up to 12 borings	24	7	2
2	Up to 24 borings	48	15	4
3	Up to 20 borings	40	13	3
TOTAL:	56	112	35	9

Boring locations presented on Figures 1 through 3 are approximate and may be adjusted based on initial field reconnaissance activities.

Disposal of Investigation-Derived Wastes

Following the completion of sampling activities, environmental borings will be backfilled utilizing granular bentonite. As direct-push methods were employed for the installation of the shallow soil borings, excess soil cuttings were not generated. Sampling and decontamination materials will be properly disposed offsite as municipal solid waste.

EXHIBIT B
SERVICES TO BE PROVIDED BY THE ENGINEER

Task 2 – Laboratory Testing

Environmental soil samples collected as part of this assessment will be placed into appropriate containers provided by the contract analytical laboratory and stored on ice immediately upon collection and during transport to the contracted analytical laboratory. Samples will be delivered to the laboratory within 24-48 hours of collection. It is assumed that normal 5-7 day turnaround time for analytical results will be requested.

It is proposed that up to 112 soil and 35 sediment samples will be collected for environmental contaminant analysis. All samples will be analyzed for PCBs to evaluate potential contamination conditions. Quality assurance/quality control (QA/QC) samples will also be collected at a frequency of one per 10 samples. For budgetary purposes, it is estimated that up to 15 QA/QC samples will be collected and analyzed.

Task 3 – Data Reduction and Report Preparation

RKEI will provide a verbal report of analytical data upon receipt and interpretation of analytical data from the contract laboratory. Upon completion of project activities and receipt of final analytical data, **RKEI** will prepare one letter report for the IA study with appropriate graphical attachments documenting project activities and discussing collective assessment results. The written report will include the following elements:

- A Site Map drawn to scale which depicts the locations of the environmental sampling sites for each area;
- Field boring logs documenting soil conditions and any observed evidence of adverse environmental conditions;
- Tabulated analytical results and laboratory reports of analyses with chain-of-custody documentation.
- Discussion of environmental sampling results including a professional opinion regarding the presence and significance of environmental impacts to the SITE with respect to TCEQ action/clean-up levels applicable to the discovery of historical contamination; and
- General recommendations for managing affected soils and/or sediment as part of future construction efforts.

RKEI will issue one electronic copy and 3 hard copies (if requested) of the report to the CLIENT.

COST AND SCHEDULE

Please see the table below for a breakdown of costs:

ACTIVITY	NUMBER OF ESTIMATED DAYS	ESTIMATED COST
Area 1	2	\$12,300. ⁰⁰
Area 2	4	\$24,600. ⁰⁰
Area 3	3	\$18,800. ⁰⁰
Data Reduction and	5-7	\$4,800. ⁰⁰

EXHIBIT B
SERVICES TO BE PROVIDED BY THE ENGINEER

Report Preparation		
TOTAL:	14-16 DAYS	\$60,500.00

RKEI will perform the scope of services described herein for a **Lump Sum Fee of \$60,500.00**. In the event that additional services are requested by CLIENT and/or necessary to complete project activities, **RKEI** will provide a cost estimate under separate cover and solicit authorization from CLIENT before proceeding with additional work. Additional costs, if authorized as part of this project, will be billed in accordance with our standard fees for professional services and unit rates for equipment and laboratory services shown on our latest fee schedules for these services.

Depending on the availability of a local environmental drilling contractor and provided that we have favorable access conditions, we could initiate site activities within 5-10 days of notification-to-proceed. The field assessment activities will take approximately 9-10 SITE days. Standard turnaround time for analytical chemistry is on the order of another 5-7 days. Data reduction and report writing will take approximately 5-7 days. Therefore, the overall timeline for project completion would be 25-35 days after we receive written authorization to proceed.

ASSUMPTIONS

The following assumptions were made with regard to the scope of services described herein:

1. Access to each area will be granted when needed to perform assessment activities and weather conditions will not preclude SITE access or performance of sampling activities.
2. Costs for analytical chemistry included as part of the total project fee assume a standard 5- to 7-day turnaround time.
3. Although attempts will be made to identify subsurface utilities within the area of interest utilizing the Texas Excavation Safety System, **RKEI** cannot take responsibility for contacting/rupturing unidentified buried utilities during assessment activities. It is assumed that CLIENT will provide locations of subsurface utilities/structures located in the vicinity of proposed borings, if known.
4. Costs provided herein do not provide for the waste profiling or disposal of affected soils and/or groundwater generated as the result of the ESA-II study effort. If generated as a result of proposed investigation activities, **RKEI** will provide cost estimates for profiling/disposal of investigation derived wastes under separate cover, pending the receipt of analytical results and completion of assessment activities.

Costs assume that sediment samples will be collected at each area.

**EXHIBIT C
WORK SCHEDULE**

ID	Task Name	Duration	Start	Finish	Mar. 13, '16	Mar. 20, '16	Mar. 27, '16	Apr. 3, '16	Apr. 10, '16	Apr. 17, '16	Apr. 24, '16
1	<u>PHASE II ENVIRONMENTAL SITE ASSESSMENT</u>	44 days	Tue 3/15/16	Wed 4/27/16							
2	FC 110 - Environmental Sampling, Testing, and Reporting	44 days	Tue 3/15/16	Wed 4/27/16							
3	Coordination and Meetings	4 days	Tue 3/15/16	Fri 3/18/16	4 days						
4	Locate Borings in Field	2 days	Mon 3/21/16	Tue 3/22/16	2 days						
5	Drill Environmental Borings and Collect Soil and/or Groundwater Samples	10 days	Wed 3/23/16	Fri 4/1/16	10 days						
6	Environmental Analysis	10 days	Mon 3/28/16	Wed 4/6/16	10 days						
7	Data Reduction and Report Preparation	7 days	Thu 4/7/16	Wed 4/13/16	7 days						
8	CLIENT/HCRMA REVIEW	2 days	Thu 4/14/16	Fri 4/15/16	2 days						
9	TxDOT Review	8 days	Mon 4/18/16	Mon 4/25/16	8 Days						
10	Revisions and Issue Final Report	2 days	Tue 4/26/16	Wed 4/27/16	2 Days						

EXHIBIT D
FEE SCHEDULE BUDGET

EXHIBIT D
TABLE OF DELIVERABLES
 Method of Payment: Lump Sum
 Work Authorization No. 5

RABA KISTNER
FEE SCHEDULE/BUDGET FOR HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
IBTC PROJECT

Limits: South of Business Highway 83 to south of the Donna Reservoir

TASK DESCRIPTION		Unit	Fixed Cost	Total Estimated	Task Cost
FC 110 - GEOTECHNICAL/ENVIRONMENTAL SUB-CONTRACTOR EXPENSES (DRILLING AND TESTING)					
Environmental Geoprobe Borings (Installation and Plugging)		0.90%			
Disposal Cost - Assume 10 Drums at \$325 per drum for Class II waste		Per Day	\$2,500.00	5	\$ 12,500.00
BTEX/MTBE (Method 8260 B)		per drum	\$350.00	0	
TPH (TX-1005)		per test	\$45.00	85	
Semi-VOCs (Method 8270)		per test	\$50.00	85	
RCRA 11 Heavy Metals (Methods 6010/7471)		per test	\$220.00	16	
SPLP Metals (Method 1312)		per test	\$185.00	85	
VOCs (Method 8260)		per test	\$37.50	16	
Total Lead (Method 6010)		per test	\$115.00	43	
PCBs		per test	\$37.50	6	
		per test	\$83.00	165	\$ 13,695.00
SUB-TOTAL - ENVIRONMENTAL SUB-CONTRACTOR EXPENSES					\$ 26,195.00

EXHIBIT H-2
Subprovider Monitoring System Commitment Agreement

EXHIBIT H-2

Subprovider Monitoring System Commitment Agreement

This commitment agreement is subject to the award and receipt of a signed contract from the Hidalgo County Regional Mobility Authority (Authority). **NOTE: Attachment H-2 is required to be attached to each contract that does not include work authorizations. Attachment H-2 is required to be attached with each work authorization. Attachment H-2 is also required to be attached to each supplemental work authorization. If DBE/HUB Subproviders are used, the form must be completed and signed. If no DBE/HUB Subproviders are used, indicate with "N/A" on this line: _____ and attach with the work authorization or supplemental work authorization.**

Contract #: _____ Assigned Goal: 12.2% Prime Provider Raba Kistner, Inc.

Work Authorization (WA)#: 5 WA Amount: \$60,481.26 Date: _____

Supplemental Work Authorization (SWA) #: _____ to WA #: _____ SWA Amount: _____

Revised WA Amount: _____

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
FC	\$60,481.26
FC	\$0
Total Commitment Amount <i>(Including all additional pages.)</i>	\$0

IMPORTANT: The signatures of the prime and the DBE/HUB and Second Tier Subprovider, if any (both DBE and Non-DBE) and the total commitment amount must always be on the same page.

Provider Name: Raba Kistner, Inc. Address: 12821 W. Golden Lane San Antonio, Texas 78249 VID Number: 74-1611534 PH: & FAX: 210-699-9090 / 210-699-6426 Email: <u>cschultz@rkci.com</u>	Name: <u>Chris L. Schultz</u> <i>(Please Print)</i> Title: <u>President</u> <hr/> Signature Date
DBE/HUB Sub Provider Subprovider Name: VID Number: Address: PH: Email:	Name: _____ <i>(Please Print)</i> Title: _____ <hr/> Signature Date
Second Tier Sub Provider Subprovider Name: VID Number: Address: Phone #& Fax #: Email:	Name: _____ <i>(Please Print)</i> Title: _____ <hr/> Signature Date

VID Number is the Vendor Identification Number issued by the Comptroller. If a firm does not have a VID Number, please enter the owner's Social Security or their Federal Employee Identification Number (if incorporated).

Item 3J

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u> X </u>	AGENDA ITEM	<u> 3J </u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u> 2/15/16 </u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u> 2/23/16 </u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: **RESOLUTION 2016-32 – APPROVAL OF SUPPLEMENTAL NUMBER 5 TO THE PROFESSIONAL SERVICE AGREEMENT WITH RABA KISTNER TO INCREASE THE MAXIMUM PAYABLE AMOUNT FOR WORK AUTHORIZATION NUMBER 4 AND WORK AUTHORIZATION NUMBER 5.**

2. Nature of Request: (Brief Overview) Attachments: X Yes No

Consideration and approval of Work Authorization Number 5 with Raba Kistner to provide a hazardous material assessment for the IBTC Environmental Clearance Document in the amount of \$63,789.12.

3. Policy Implication: Board Policy, Local Government, Texas Government Code, Texas Transportation Code, TxDOT Policy

4. Budgeted: Yes No X N/A Funding Source:

5. Staff Recommendation: **Motion to approve Resolution 2016-32 – Approval of Supplemental Number 5 to the Professional Service Agreement with Raba Kistner to increase the maximum payable amount for Work Authorization Number 4 and Work Authorization Number 5.**

6. Program Manager’s Recommendation: X Approved Disapproved None

7. Construction Engineer’s Recommendation: Approved Disapproved X None

8. Chief Auditor’s Recommendation: Approved Disapproved X None

9. Board Attorney’s Recommendation: Approved Disapproved X None

10. Chief Financial Officer’s Recommendation: Approved Disapproved X None

11. Executive Director’s Recommendation: X Approved Disapproved None



- Environmental
- Engineering
- Geo-Technical **Raba Kistner Consultants**
- Surveying

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2016-32

- Work Authorization # _____
- Supplemental # _____ to WA # _____
- Supplemental # 5

Amount: \$ 63,789.12

Approved Amendments:

Resolution No.		Amount
2014-72	Supplemental 1 - Original Contract Amount	\$ 520,433.54
2014-106	Supplemental 2	\$ 6,485.26
2015-06	Supplemental 3	\$ 97,992.15
2015-	Supplemental 4	\$ 29,536.81
Subtotal from Cont. Page		<u>\$ 0.00</u>
Contract Amount		\$ 654,447.76
Proposed Amendment		
2016-32	Supplemental 5	\$ 63,789.12

Goal and Options:

Supplemental Number 5 to the Professional Service Agreement with Raba Kistner is to increase the maximum payable amount for Work Authorization Number 4 and Work Authorization Number 5 in the amount of \$63,789.12.

Staff is recommending approval of this request in the amount of \$ 63,789.12

Proposed Revised Contract Amount of \$ 718,236.88

Approved Amendments Cont...

Resolution No. 2016-32

Requisition No.

Description

Amount

Subtotal \$ 0.00

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2016 – 32

**APPROVAL OF SUPPLEMENTAL NUMBER 5 TO THE
PROFESSIONAL SERVICE AGREEMENT WITH RABA
KISTNER TO INCREASE THE MAXIMUM PAYBALE AMOUNT
FOR WORK AUTHORIZATION NUMBER 4 AND WORK
AUTHORIZATION NUMBER 5**

THIS RESOLUTION is adopted this 23rd day of February, 2016, by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”);

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 22, 2012 the Authority approved Resolution 2012-04, which created the Technical Committee, comprised of senior level engineers and professional from various communities and agencies in the jurisdiction of the Authority, to serve to advise the Board on procurement and consultant work products; and

WHEREAS, Resolution 2012-04 also authorized the Executive Committee to determine the size, structure and scope of the Technical Committee, identify candidates and issue requests for participation; and

WHEREAS, Resolution 2013-41 authorized the use and structure of the Technical Committee to rate, rank and recommend a short list to the Board of Directors for the Statements of Qualifications for the International Bridge Trade Corridor Project for Engineering, Surveying and Geotechnical Services; and

WHEREAS, the Technical Committee has rated and ranked the Statements of Qualifications for the International Bridge Trade Corridor Project for Geotechnical Engineering Services and recommends that Board of Directors interview Raba Kistner, L&G Laboratory and Terracon; and

WHEREAS, on January 22, 2014, the Board of Directors the Board of Directors formally interviewed all the short listed firms for Engineering and Geotechnical Services for the International Bridge Trade Corridor Project, determine a final ranking and authorize HCRMA Staff to negotiate with the top ranked firm of Raba Kistner and L&G Laboratory for Geotechnical Engineering Services; and

WHEREAS, on July 23, 2014, the Authority approved a Professional Service Agreements with Raba Kistner for Geotechnical Engineering Services for the International Bridge Trade Corridor Project (IBTC); and

WHEREAS, on July 23, 2014, the Authority approved Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for Geotechnical Engineering Services for the IBTC Project in the amount of \$520,433.54; and

WHEREAS, on November 20, 2014, the Authority approved Supplemental Number 1 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for a no-cost work schedule modification for Geotechnical Engineering Services for the IBTC Project due to rain delays; and

WHEREAS, on February 25, 2015, the Authority approved Supplemental Number 2 to Work Authorization Number 1 for a no-cost work schedule modification due to additional rain delays; and

WHEREAS, on February 25, 2015, the Authority approved Supplemental Number 3 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for a concrete pavement design for the BSIF Connector Road as part of the US 281/Military Highway Overpass Project in the amount of \$6,485.26; and

WHEREAS, on March 26, 2015, the Authority approved Supplemental Number 4 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for an overweight asphalt pavement design for the State Highway 365 Project in the amount of \$11,769.82; and

WHEREAS, on September 22, 2015, the Authority approved Supplemental Number 1 to Work Authorization Number 2 for a no-cost time extension; and

WHEREAS, on December 15, 2015, the Authority approved Supplemental Number 5 to Work Authorization Number 1 to the Professional Service Agreement with Raba Kistner for a no-cost time extension to provide pavement design for the US 281/Military Highway Overpass/BSIF Connector Project; and

WHEREAS, on January 26, 2016, the Authority approved Work Authorization Number 3 to the Professional Service Agreement with Raba Kistner to provide overweight concrete pavement analysis for the main lanes for the State Highway 365 Segments 1, 2, and 4 Project in the amount of \$19,505.45; and

WHEREAS, on February 23, 2016, the Authority approved Work Authorization Number 4 to the Professional Service Agreement with Raba Kistner to provide a soil and groundwater management plan as part of the environmental clearance document for the International Bridge Trade Corridor Project in the amount of \$3,307.86; and

WHEREAS, on February 23, 2016, the Authority approved Work Authorization Number 5 to the Professional Service Agreement with Raba Kistner to provide a hazardous material assessment as part of the environmental clearance document for the International Bridge Trade Corridor Project in the amount of \$60,481.26; and

WHEREAS, the Authority has determined it is necessary to approve Supplemental Number 5 to the Professional Service Agreement with Raba Kistner to increase the maximum payable amount for Work Authorizations 4 & 5 in the amounts of \$3,307.86 and \$60,481.26 respectively, for a revised maximum payable amount of \$632,014.55;

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

- Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.
- Section 2. The Board hereby approves Supplemental Number 5 to Professional Service Agreement with Raba Kistner to increase the maximum payable amount for Work Authorizations Numbers 4 & 5 in the amount of \$63,789.12, hereto attached as Exhibit A.
- Section 3. The Board authorizes the Executive Director to execute Supplemental Number 5 to Professional Service Agreement with Raba Kistner for Geotechnical Engineering Services.

PASSED AND APPROVED AS TO BE EFFECTIVE IMMEDIATELY BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY AT A REGULAR MEETING, duly posted and noticed, on the 23rd day of February, 2016, at which meeting a quorum was present.

Rance G. Sweeten, Chairman

Ricardo Perez, Secretary/Treasurer

Exhibit A

Supplemental Number 5
to
Professional Service Agreement
with
Raba Kistner
for
Geotechnical Engineering Services
for the
International Bridge Trade Corridor

◆ Contract ◆

**Hidalgo County
Regional Mobility Authority
(HCRMA)(Authority)**

**Engineering / Design Services
Geo-Technical / Segment 0010 IBTC
Geotechnical Borings and
Investigations for: Bridge, Pavement,
and Embankments**

SA No. 5 to Main Contract

February 23, 2016

Raba Kistner, Inc.

SUPPLEMENTAL AGREEMENT NO. 5

**SUPPLEMENTAL AGREEMENT NO. 5
TO PROFESSIONAL SERVICES
AGREEMENT FOR ENGINEERING / DESIGN SERVICES**

THIS SUPPLEMENTAL AGREEMENT NO 5 TO MAIN CONTRACT is made pursuant to the terms and conditions of “Article III Compensation and Attachment A General Provisions Section 6 Supplemental Agreements of that certain Professional Services Agreement for Engineering Design Services” hereinafter identified as the “Agreement,” entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and Raba Kistner Inc. (the Engineer).

The following terms and conditions of the Agreement are hereby amended as follows:

Article II Agreement Period

Article II Agreement Period shall be amended to modify the termination date to terminate at the close of business on May 31, 2016 in line with the Projected Strategic Plan/Development Schedule for IBTC Project as shown in Work Authorization No. 5.

Article III Compensation

Article III Compensation shall be amended to increase the amount payable under this contract from \$654,447.76 to \$718,236.88 for a total increase of \$63,789.12 due to additional scope and effort outlined in Work Authorization No. 4 and Work Authorization No. 5.

This Supplemental Agreement No. 5 to the Main Contract shall become effective on the date of final execution of the parties hereto. All other terms and conditions of the Agreement not hereby amended are to remain in full force and effect.

IN WITNESS WHEREOF, this Supplemental Agreement is executed in duplicate counterparts and hereby accepted and acknowledged below.

THE ENGINEER

(Signature)

(Printed Name)

(Title)

(Date)

THE AUTHORITY

(Signature)
Pilar Rodriguez, PE

(Printed Name)
Executive Director

(Title)

(Date)