

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

NOTICE OF AND AGENDA FOR A REGULAR MEETING TO BE HELD BY THE BOARD OF DIRECTORS

DATE: **TUESDAY, FEBRUARY 27, 2018**
TIME: **5:30 PM**
PLACE: **PHARR CITY HALL**
2nd FLOOR CITY COMMISSION CHAMBERS
118 SOUTH CAGE BOULEVARD
PHARR, TEXAS 78577

PRESIDING: S. DAVID DEANDA, JR, CHAIRMAN

PLEDGE OF ALLEGIANCE

INVOCATION

CALL TO ORDER AND ESTABLISHMENT OF A QUORUM FOR REGULAR MEETING

1. REPORTS

- A. Report on Program Manager Activity for 365 Tollway Project and IBTC Environmental Clearance Document – Eric Davila, HCRMA
- B. Report on Construction Activity for US 281/Military Highway Overpass/BSIF Connector Project and Donna Lift Station – Ramon Navarro, HCRMA

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 the Regular Meeting held January 23, 2018.
- B. Approval of Project & General Expense Report for the period from January 6, 2018 to February 6, 2018.
- C. ~~Approval of Financial Report for January 2018.~~
- D. Resolution 2018-08 – Approval of Change Order 2 with International Consulting Engineers for a no-cost time extension and electrical site revisions for the Donna Lift Station.

3. REGULAR AGENDA

- A. ~~Resolution 2018-02 – Approval of Change Order Number 9 and Final Closeout with Foremost Paving, Inc. for the US 281/Military Highway Overpass/Border Safety Inspection Facility Connector Project.~~
- B. Resolution 2018-05 – Work Authorization Number 2 to the Professional Service Agreement with Blanton & Associates, Inc. to provide Environmental Clearance Support for the IBTC Project.
- C. Resolution 2018-06 – Approval of Contract Amendment Number 1 with Blanton & Associates, Inc. to increase the maximum payable amount due Work Authorization Number 2.

D. Resolution 20108-07 – Authorization to procure Professional Engineering Services for a General Engineering Consultant for the Hidalgo County Regional Mobility Authority.

4. CHAIRMAN'S REPORT

A. None.

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 Texas Department of Transportation State Infrastructure Bank Loan for the 365 Tollway Project (Section 551.071 T.G.C.)
- B. Consultation with Board Attorney on legal issues pertaining to Professional Service Agreements for Engineering, Surveying and Environmental Services (Section 551.071 T.G.C.).
- C. Consultation with Board Attorney on legal issues pertaining to the deliberation of real property for various parcels for the 365 Tollway Project (Sections 551.071 and 551.072 T.G.C.).
- 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 365 Tollway Project (Sections 551.071 and 551.072 T.G.C.).
- E. Consultation with Board Attorney on legal issues pertaining to the Environmental Clearance Document for the International Bridge Trade Corridor Project (Section 551.071 T.G.C.).
- F. Consultation with Board Attorney on legal issues pertaining to Authorizing the Issuance, Sale and Delivery of one or more Series of Hidalgo County Regional Mobility Authority Senior Lien Revenue Bonds, Series 2017 in accordance with certain financing parameters; Approving the Form of, and Authorizing the Execution and Delivery of, the First Supplemental Trust Indenture; Appointing Authorized Officers to Authorize, Approve and Determine certain terms and provisions of the Series 2017 Bonds; Authorizing the execution and delivery of a contract of purchase for the Series 2017 Bonds; Approving the preparation of an Official Statement in connection with the Offering and Sale of such Bonds; Authorizing the Execution and Delivery of Documents and Instruments in Connection with the Foregoing; and Enacting other provisions relating to the subject (Section 551.071 T.G.C.).
- G. Consultation with Board Attorney on legal issues pertaining to the Toll System Installation, Integration and Maintenance Contract with ETC Corporation for the Hidalgo County Regional Mobility Authority 365 Tollway Project (Section 551.071 T.G.C.).
- H. Consultation with Board Attorney on legal issues pertaining to the award of contract to Johnson Bros. Corporation for Construction of the 365 Tollway Project from US 281/Military Highway to FM 396 (Anzalduas Highway) (Section 551.071 T.G.C.).

PUBLIC COMMENT

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 21st day of February 2018 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.

Maria E. Alaniz
Administrative Assistant

Note: If you require special accommodations under the Americans with Disabilities Act, please contact Maria E. Alaniz 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."

This Page
Intentionally
Left Blank

Item 1A

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u>X</u>	AGENDA ITEM	<u>1A</u>
PLANNING COMMITTEE	_____	DATE SUBMITTED	<u>2/12/18</u>
FINANCE COMMITTEE	_____	MEETING DATE	<u>2/27/18</u>
TECHNICAL COMMITTEE	_____		

1. Agenda Item: REPORT ON PROGRAM MANAGEMENT ACTIVITY FOR 365 TOLLWAY AND IBTC PROJECTS.
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Report on Program Management Activity for 365 Tollway and IBTC Projects.
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. Chief Development Engineer's Recommendation: Approved Disapproved X None
12. Chief Construction Engineer's Recommendation: Approved Disapproved X None
13. Executive Director's Recommendation: Approved Disapproved X None



HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD OF DIRECTORS MEETING FOR FEBRUARY 2018

HCRMA Board of Directors

S. David Deanda, Jr., Chairman

Forrest Runnels, Vice-Chairman

Ricardo Perez, Secretary/Treasurer

R. David Guerra, Director

Paul S. Moxley, Director

Alonzo Cantu, Director

Ezequiel Reyna, Jr., Director

HCRMA Staff

Pilar Rodriguez, PE, Executive Dir.

Ramon Navarro IV, PE, CFM, Chief Construction Eng.

Eric Davila, PE, CFM, Chief Development Eng.

Carlos "CJ" Moreno, Jr., Acquisition Coord.

Celia Gaona, CIA, Chief Auditor/Compliance Ofcr.

Jose Castillo, Chief Financial Ofcr.

Sergio Mandujano, Constr. Records Keeper

Maria Alaniz, Admin. Assistant

Flor E. Koll, Admin. Assistant III (Constr.)

General Engineering Consultant

HDR ENGINEERING, INC.

Report on HCRMA Program Management Activity
Chief Development Engineer – Eric Davila, PE, PMP, CFM

► OVERVIEW

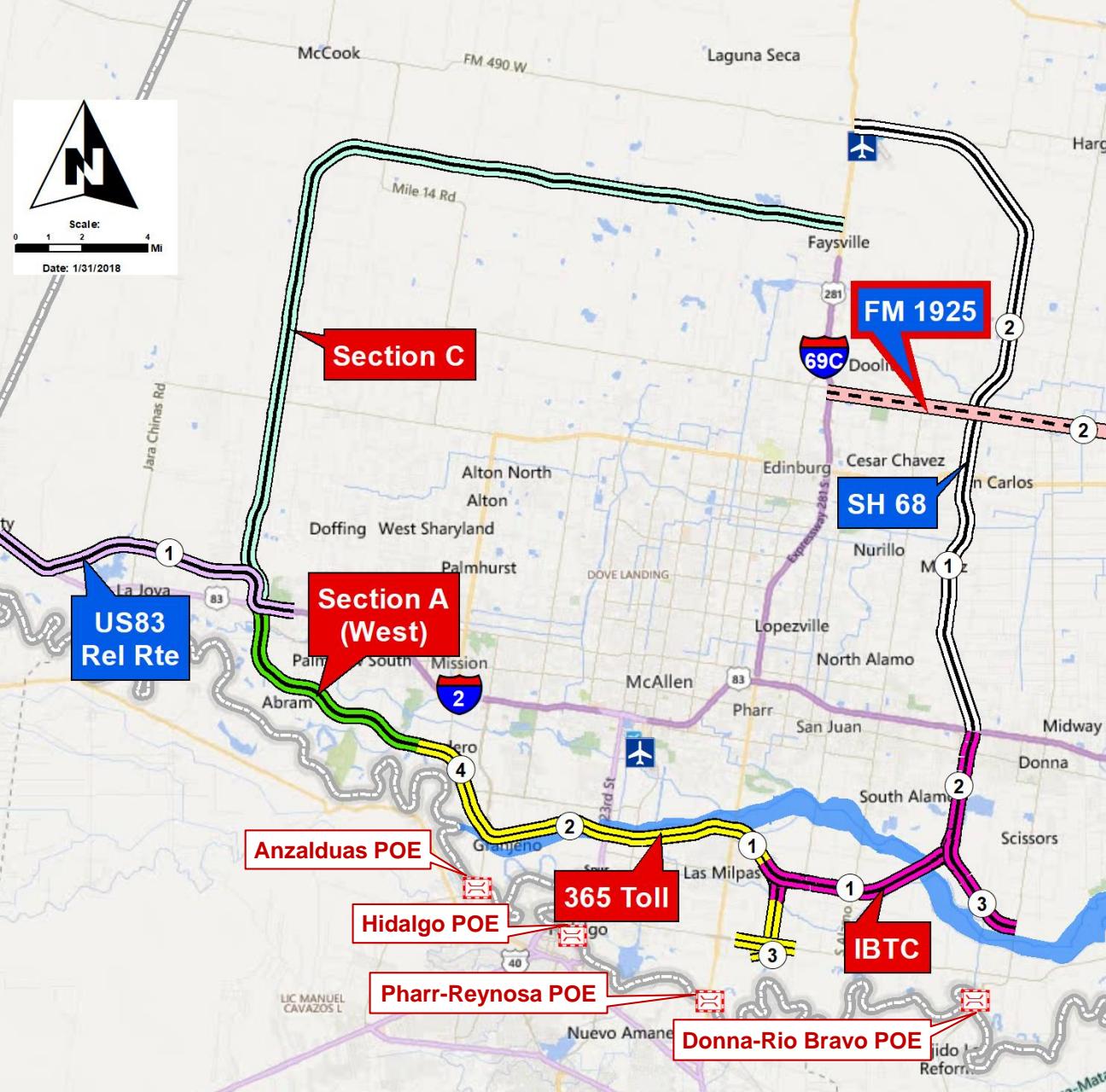
- 365 TOLL Project Overview
- IBTC Project Overview
- Overweight Permit Summary
- Construction Economics Update

MISSION STATEMENT:

“To provide our customers with a rapid and reliable alternative for the safe and efficient movement of people, goods and services”

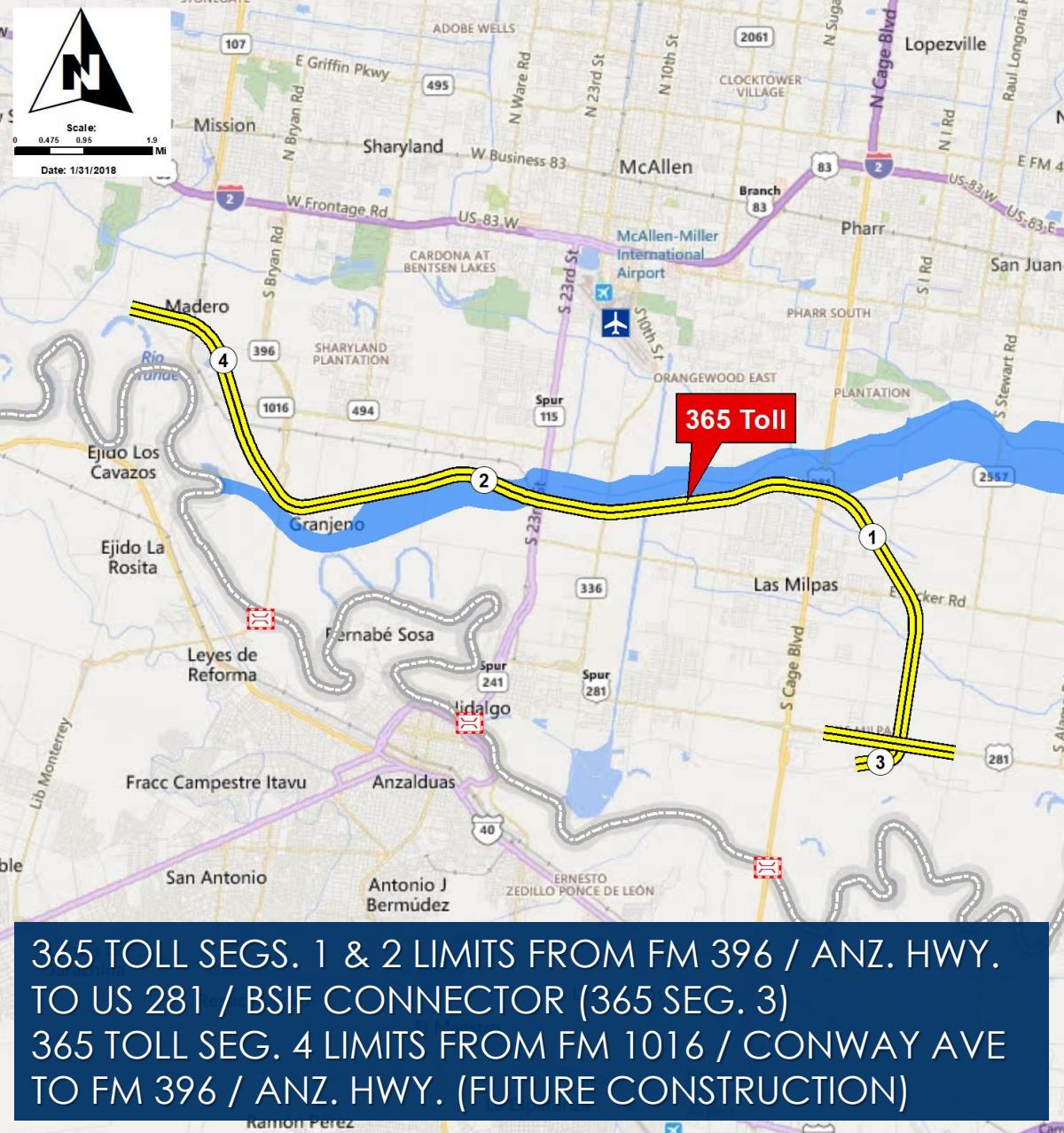
HCRMA STRATEGIC PLAN

DEVELOP THE
INFRASTRUCTURE TO
SERVE A POPULATION
OF APPROXIMATELY
800,000 RESIDENTS
AND
5 INTERNATIONAL
PORTS OF ENTRY



► SYSTEMWIDE TASKS

- Continued Management of HCRMA ProjectWise System
 - Used for our all electronic core DESIGN and CONSTR related filing and coordination.
- Continued Management of HCRMA FTP System
 - User group workspaces created, all systems nominal.
- Microsoft Office 365 Migration
 - Transferred domain/webhosting to HCRMA hosted solution.
- Continued update of New HCRMA GIS Website
 - <http://hcrma.net/GIS-public.html>



MAJOR MILESTONES:

NEPA CLEARANCE
07/03/2015

95% ROW AS OF
06/30/2017

PH 1: 365 SEG. 3 –
LET: 08/2015
STARTED: 02/2016

**PH 2: 365 TOLL
SEGS. 1 & 2 –**
LETTING: 10/2017
START: 01/2018



► 365 TOLL

365 TOLL

- Env.: Final USIBWC No Objection Letter acquired.
- Surveys: SUE complete, “gap” parcels ongoing for public Row that needs to eventually get incorporated into HCRMA ROW Map.
- ROW Acquisition: 25 parcels remaining (23 final resolution with irrigation districts), representing 5% of the remaining area.
- Utility Relo.: Ongoing
- Drainage Outfalls: HCDD1 Providing Schematics End of Sept 2017 for priority 1 outfalls.
- Design (PS&E):
 - Segment engineers addressing TxDOT 100% comments.

□ Bid Phase summary:

- Formal announcement posted to website:
<http://hcrma.net/bids.html>
- CivCAST Highlights
 - All Electronic Bidding Process
 - 308 Plan Holders
 - 280 Questions Asked (100% of them answered).
 - 450 plan sheet revisions coordinated / issued over 4 addenda.
- Bid Proposal Summary:
 1. **Johnson Bros Corp., a Southland Company
\$202,548,591.57**
 2. Anderson Columbia Company, Inc. \$233,445,739.29
 3. Pulice-Flatiron JV \$252,286,943.96
 4. Lane-Abrams Toll 365 Joint Venture \$279,428,828.61
 5. Webber, LLC \$289,374,971.13

□ Post-NEPA Activity:

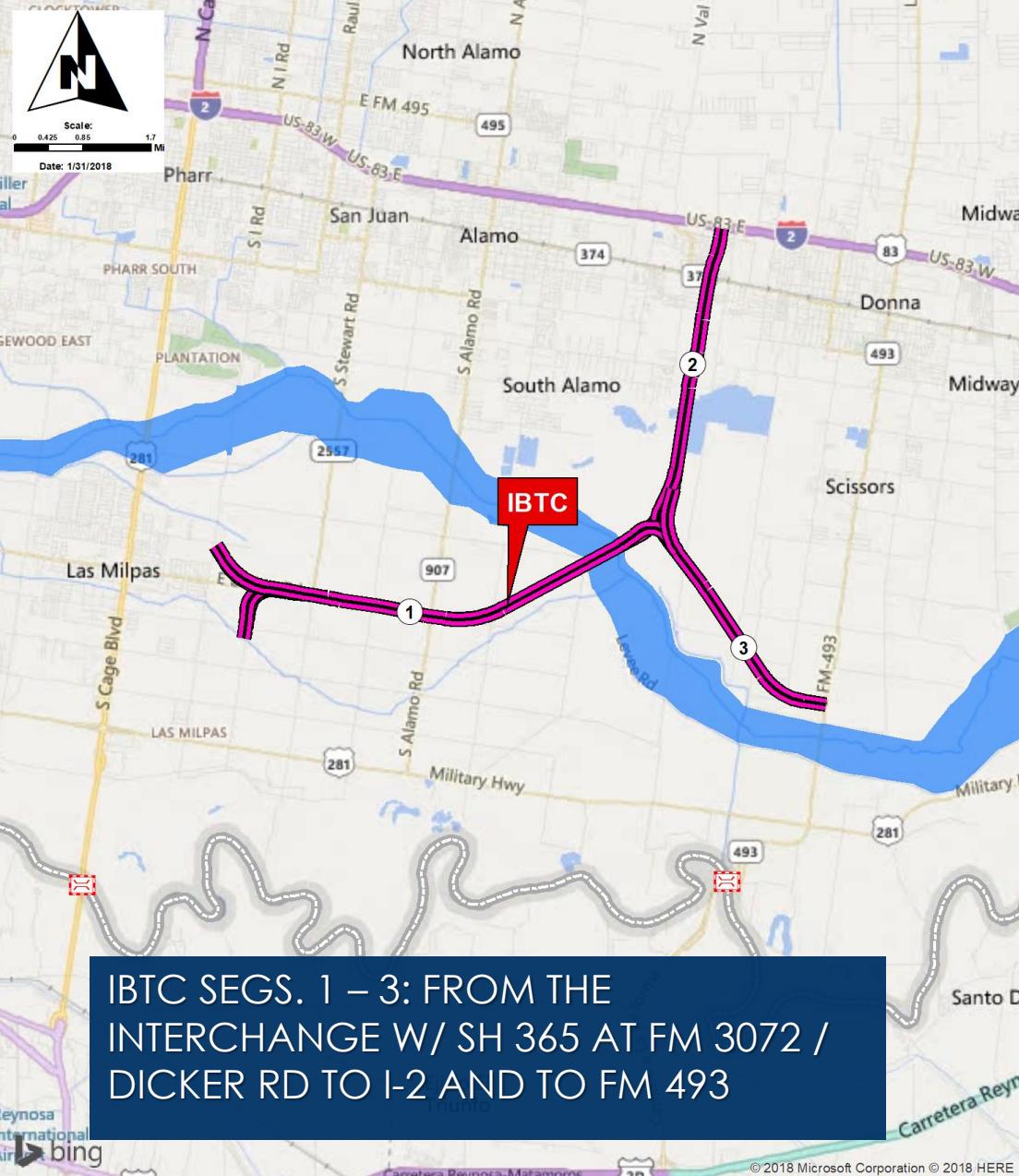
- USIBWC Coordination during Construction
- USACE 404 Site Grading Improvements

□ GEC Activity (HDR Engineering, Inc.):

- Conducted due diligence on construction costs and operational modeling.
- GEC Report 100% complete.

□ Finance:

- Construction / operations modeling ongoing.
- Coordinating Maps / content necessary for prelim. official statement (POS).



IBTC

MAJOR MILESTONES:

EST. NEPA
CLEARANCE: 06/2019

OBTAINED EA ENV
CLASSIF.: 11/2017

LETTING: 06/2020
OPEN: 12/2023

Advance Planning

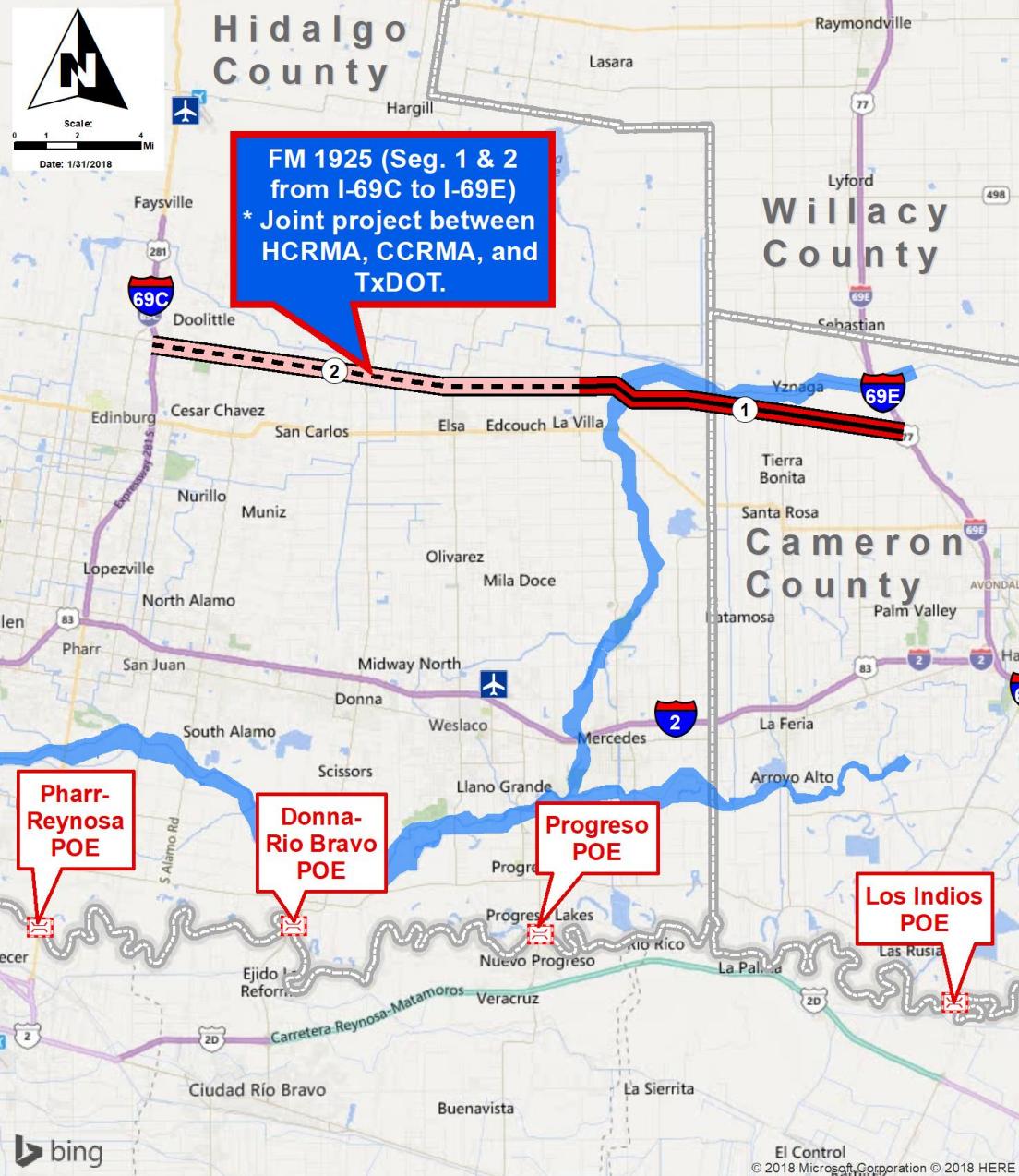
- Env.: Classification Letter and Scoping Toolkit
Submitted Aug 2017
 - TxDOT concurred with the EA Classification
 - IBTC EA scope has been developed with Blanton & Associates and WA #2 prepared for Board review / possible approval.
- Surveys (65% complete)
- ROW Acquisition (33% complete)
- Utility Relo. (25%, SUE done, process initiated)

 Design (PS&E, 50% complete):

- On Hold

 Related Construction:

- IBTC Lift Sta Relo (as part of ETT Agreement)
- Demos of HCRMA-Acquired Structures within IBTC / Red River area.



FM 1925

(COLLABORATION W/ TXDOT, CCRMA, AND HCRMA)

DESCRIPTION:

- ▶ PROJECT LENGTH IS APPROX. 27 MI
- ▶ FROM I-69C IN HIDALGO COUNTY TO I-69-E IN CAMERON COUNTY
- ▶ KEY PARALLEL CORRIDOR TO I-2 WITH IMPORTANCE TO MOBILITY PROJECTS BY TXDOT, CCRMA AND HCRMA



HCRMA
 HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

► FM 1925

FM
1925

- TxDOT Committed Supplemental Development Authority Funds for the Entire 27 Mile Corridor as an expressway facility.
- TxDOT has committed to funding the development of the Schematic Design and Environmental documents.



OVERWEIGHT CORRIDOR

CORRIDOR SEGMENTS

-  (1) US HWY 281
-  (2) SH 336
-  (3) FM 1016
-  (4) TRINITY RD
-  (5) FM 396
-  (6) FM 2061
-  (7) US HWY 281
-  (8) SPUR 29
-  (9) DOFFIN CANAL RD
-  (10) SAN JUAN - FM 2557
-  (11) SAN JUAN - FM 3072
-  (12) PHARR - US 281 CAGE BLVD
-  (13) PROGRESSO INTL BR - US HWY 281
-  (14) Farm to Market 1015
-  (15) US 83 Business

Scale: 0 0.5 1 2 Miles

Progresso

Hidalgo County

OVERWEIGHT CORRIDOR

CORRIDOR SEGMENTS

- (1) US HWY 281
- (2) SH 336
- (3) FM 1016
- (4) TRINITY RD
- (5) FM 306
- (6) FM 2061
- (7) US HWY 281
- (8) SPUR 29
- (9) DOFFIN CANAL RD
- (10) SAN JUAN - FM 2557
- (11) SAN JUAN - FM 3072
- (12) PHARR - US 281 CAGE BLVD
- (13) PROGRESO INTL BR - US HWY 281
- (14) Farm to Market 1015
- (15) US 83 Business

Scale: 0 0.5 1 2 miles

Author: E. Davila Date: 8/31/2016

POEs (Points of Encumbrance):

- Anzalduas POE
- Hidalgo-Reynosa POE
- Pharr-Reynosa POE
- Donna-Rio Bravo POE
- Progreso POE

Inset Map: Hidalgo County, Texas, showing the corridor's connection to the Mexican border cities of Reynosa, Matamoros, and Ciudad Juárez.

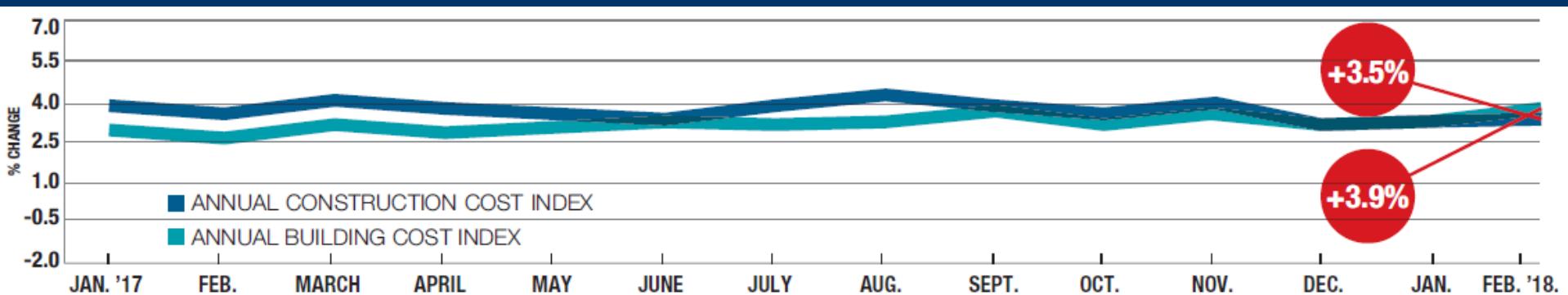
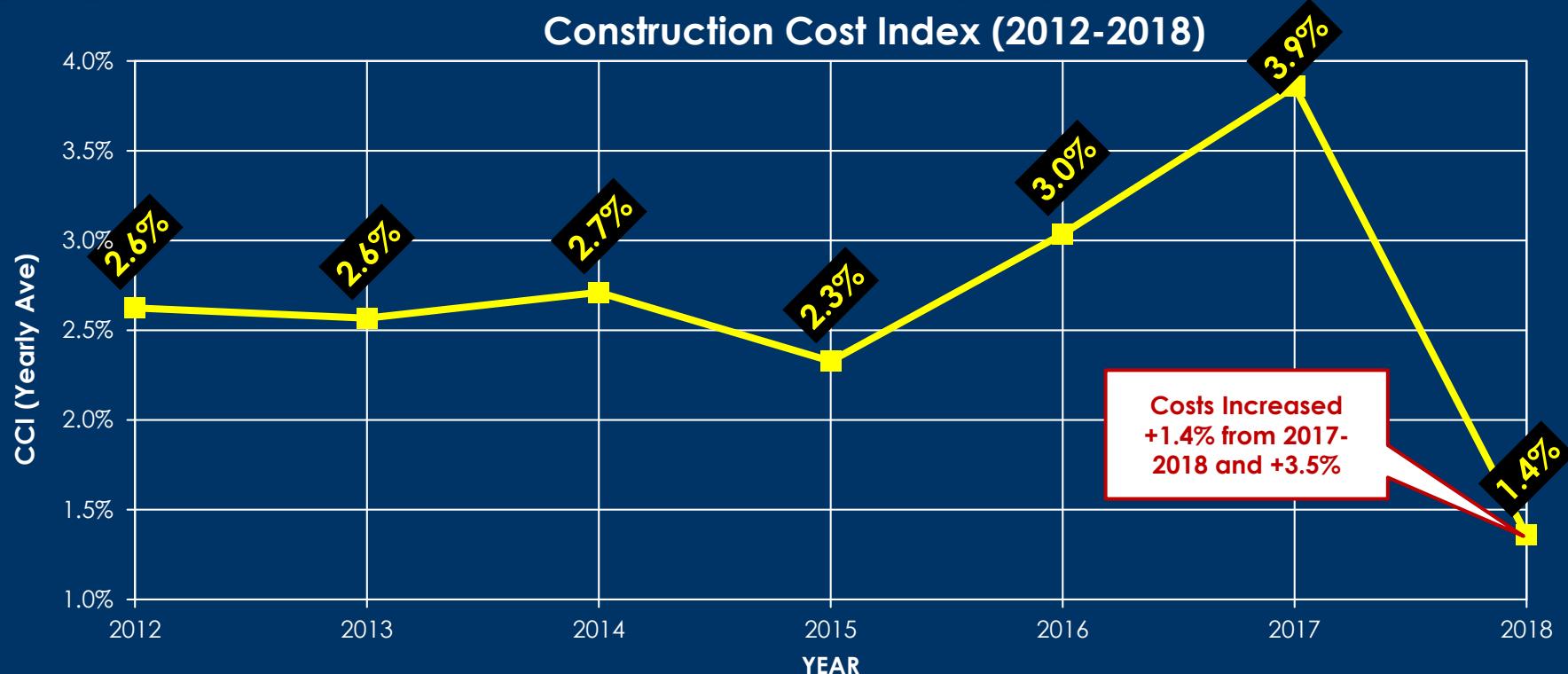
► 2018 OVERWEIGHT PERMITS 01/01 – 02/09

OW

Total Permits Issued:	3,344
Total Amount Collected:	\$ 687,514
■ Convenience Fees:	\$ 18,714
■ Total Permit Fees:	\$ 668,800
– Pro Miles:	\$ 10,032
– TxDOT:	\$ 568,480
– HCRMA:	\$ 90,288

► CONSTR. ECON. DIGEST FEB 2018

Construction Cost Index (2012-2018)



► CONSTR. ECON. DIGEST FEB 2018

- The 20-city average price for liquid asphalt has changed as follows:
 - Monthly price increased 0.7% since Feb 2018
 - Yearly price increased 7.4% since Feb 2017



20-CITY AVERAGE

ITEM	UNIT	\$PRICE	%MONTH	%YEAR
ASPHALT PAVING				
PG 58	[VU]	381.30	+0.7	+7.4
Cutback, MC800	[VU]	387.04	+0.1	+1.0
Emulsion, RAPID SET	[VU]	359.22	+0.1	0.0
Emulsion, SLOW SET	[VU]	366.98	-0.6	-0.4
PORTLAND CEMENT				
Type one	[VU]	113.58	-0.4	-0.4
MASONRY CEMENT				
70-lb	I HN	9.40	+0.1	+6.0
CRUSHED STONE				
Base course	[VU]	10.22	+1.9	+1.9
Concrete course	[VU]	11.00	+1.5	+1.8
Asphalt course	[VU]	11.24	+0.8	+2.0
SAND				
Concrete	[VU]	9.17	+0.7	+0.5
Masonry	[VU]	11.17	+1.4	+1.5
READY-MIX CONCRETE				
3,000 psi	J'	114.19	-0.3	+2.0
4,000 psi	J'	133.47	+0.2	+7.4
5,000 psi	J'	149.20	-3.9	+21.9
CONCRETE BLOCK				
Normal weight: 8" x 8" x 16"	J	136.43	+1.3	+1.4
Lightweight: 8" x 8" x 16"	J	166.20	-1.0	-0.6
12" x 8" x 16"	J	178.36	-0.4	+2.0

Item 1B

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u>X</u>	AGENDA ITEM	<u>1B</u>
PLANNING COMMITTEE	_____	DATE SUBMITTED	<u>02/07/2018</u>
FINANCE COMMITTEE	_____	MEETING DATE	<u>02/27/2018</u>
TECHNICAL COMMITTEE	_____		

1. Agenda Item: REPORT ON CONSTRUCTION ACTIVITY FOR US 281/MILITARY HIGHWAY OVERPASS/BSIF CONNECTOR AND DONNA LIFT STATION PROJECTS.
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Report on Construction Activity for US 281/Military Highway Overpass/BSIF Connector Project
by Ramon Navarro, IV, Chief Construction Engineer.
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. Chief Construction Engineer's Recommendation: Approved Disapproved X None
12. Executive Director's Recommendation: Approved Disapproved X None



US281 / BSIF CONNECTOR

CSJ# 0220-01-023



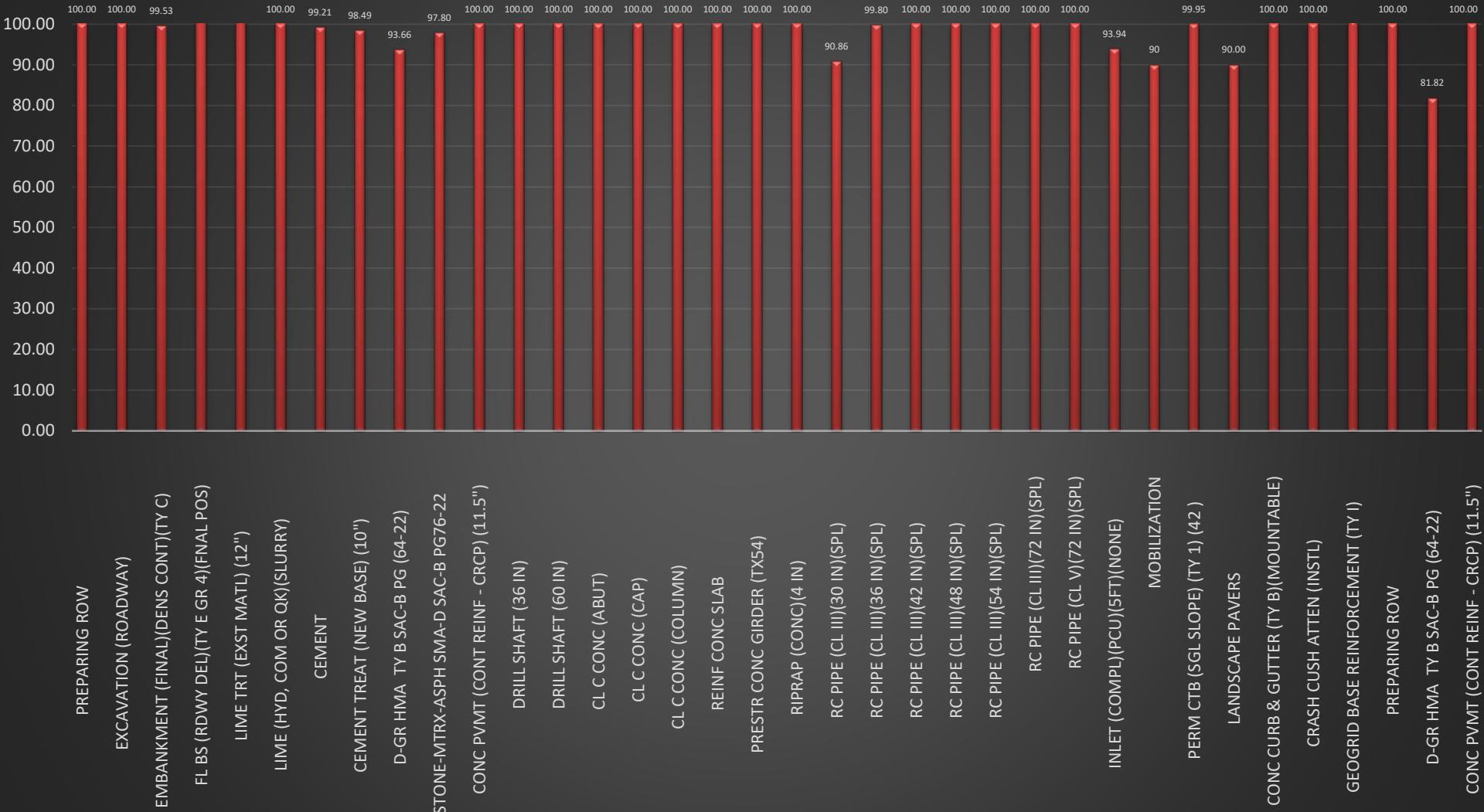
EXECUTIVE SUMMARY

- ❖ The Notice to Proceed (NTP) was issued to Foremost Paving on January 19, 2016, with time charges commencing on **February 17, 2016**.
- ❖ Project was to be completed within **535** calendar days. The specified number of “calendar days” in which the work is to be completed are 7 day consecutive Julian calendar days, inclusive of Saturdays, Sundays, including all holidays, regardless of weather conditions, material availability, or other conditions not under the control of the Contractor.
- ❖ The total construction cost was submitted at **\$19,425,546.44**.

SCHEDULE & CONSTRUCTION COSTS

- ❖ As of February 1, 2018, the project was 711 days into the contract. On October 17, 2017, at 608 days the project was declared substantially complete.
- ❖ The project is approximately 98.16% complete based on the total construction value reflecting a total paid to date amount of \$18,986,930.84, leaving a remaining balance of \$385,782.84.
- ❖ Eight (8) approved Change Order(s): [\$82,832.77] +31 days
 - ❖ CO#1 4/26/16 2T KEBO Protective Slab +3 days \$6,623.32 .034%
 - ❖ CO#2 7/26/16 3A TCP / Plan Revisions \$(279,813.91) (1.44%)
 - ❖ CO#3 9/27/16 3A Backfill/Utilities/Removal items \$39,231.18 .202%
 - ❖ CO#4 3/28/17 Various items \$(42,564.94) (.222%)
 - ❖ CO#5 6/28/17 Various items +23 days \$22,341.85
 - ❖ CO#6 6/28/17 Transmaritime Fence \$48,774.00
 - ❖ CO#7 8/28/17 Various items +5 days \$80,894.89
 - ❖ CO#8 10/24/17 Reconciliation of Quantities \$41,680.75

MAJOR ITEMS of WORK



Project Production

- ❖ Staff is currently reconciling final project quantities and processing closeout documents. Teams is negotiating resolve / repair of CRCP intersection.

PAYMENT INFORMATION

&

DBE MONTHLY REPORT

NO PAY ESTIMATE



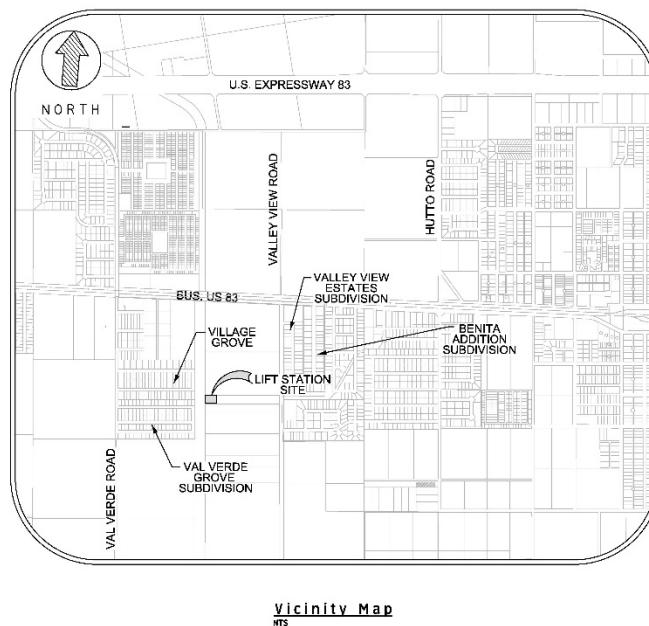
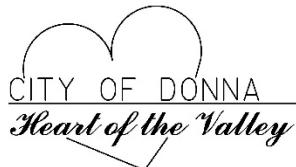
**CITY OF DONNA VALLEY
VIEW ROAD SANITARY
SEWER LIFT STATION
PROJECT**

EXECUTIVE SUMMARY

- ❖ The Notice to Proceed (NTP) was issued to International Consulting Engineers (ICE) on June 6, 2017, with time charges commencing on **June 16, 2017**.
- ❖ Project is to be completed within **180** calendar days except HCRMA recognized holidays, or other conditions not under the control of the Contractor.
- ❖ The project was to be substantially completed by December 18, 2017
- ❖ The total construction cost was submitted at **\$344,918.00**.

CITY OF DONNA VALLEY VIEW ROAD LIFT STATION SITE IMPROVEMENTS

DONNA, TEXAS



SHEET INDEX

COVER SHEET/ SHEET INDEX

- G-1 GENERAL NOTES
- D-1 DEMOLITION PLAN
- C-1 SITE PLAN/ LIFT STATION PLAN
- C-2 WASTEWATER PLAN & PROFILE
- C-3 MISCELLANEOUS DETAILS
- C-4 SUGGESTED EROSION CONTROL

MECHANICAL

- M-1 LIFT STATION DETAIL

STRUCTURAL

- S1.0 GENERAL NOTES
- S2.0 PLANS AND DETAILS

ELECTRICAL

- EG-1 ELECTRICAL GENERAL LEGEND
- E-1 ELECTRICAL SITE PLAN
- E-2 ELECTRICAL FLOOR PLAN
- E-3 ELECTRICAL SECTION VIEW
- E-4 ELECTRICAL RISER DIAGRAM
- E-5 ELECTRICAL DETAILS



AVO - 30194/W02 MARCH 2017

SCHEDEULE & CONSTRUCTION COSTS

- ❖ As of February 1, 2018, the project was **230** days into the contract, with **0** days remaining.
- ❖ The project is approximately **59%** complete based on the total construction value estimated for payment Application (#8) in the amount of **\$54,358.20**; total paid to date **\$204,941.70** leaving a remaining balance of **\$139,976.30**.
- ❖ One (1) Approved Change Order(s): 36 days total
- ❖ Change Order # 1 No Cost Time Extension +36 days [January 31, 2018]

CONTRACTOR



CONSULTANTS



L&G Engineering Laboratory, LLC.

Construction Material Testing · Geotechnical Engineering

Pay Application

#8

APPLICATION FOR PAYMENT No. 8

To: City of Donna/HCRMA (Owner)
 From: Jimenez Engineering Solutions/International Consulting Engineers (Contractor)
 Contract: City of Donna Valley View Lift Station Improvement Project
 Project: Donna Lift Station Improvement Project
 OWNER's Contract No: 02-C33-17-03 ENGINEER's Project No:
 For Work accomplished from : 1/1/2018 through: 1/31/2018

1. Original Contract Price:	\$	344,918.00
2. Net Change by Change Orders and Written Agreements (+ or -)	\$	-
3. Current Contract Price (1 plus 2)	\$	344,918.00
4. Total Completed and Stored to date:	\$	227,713.00
5. Retainage (per Agreement):	\$	22,771.30
10 % of Completed Work:	\$	19,914.89
10 % of Stored Material:	\$	2,856.41
	\$	22,771.30
6. Total Completed and stored to date less retainage (4 minus 5):	\$	204,941.70
7. Less previous Application for Payments:	\$	150,583.50
8. AMOUNT DUE THIS APPLICATION (6 MINUS 7):	\$	54,358.20

Accompanying Documentation:

CONTRACTOR'S Certification:

The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of Work done under the Contract referred to above have been applied on account to discharge CONTRACTOR'S legitimate obligations incurred in connection with Work covered by prior Applications for Payment numbered 1 through 8 this Application for Payment will pass to OWNER at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to OWNER indemnifying OWNER against any such Lien, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and not defective.

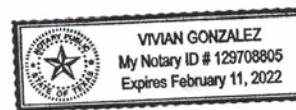
Dated: 2/5/18

 CONTRACTOR

By: _____

State of _____
 County of _____
 Subscribed and sworn to me this 5th day of January 2018

Vivian Gonzalez
 Notary Public
 My Commission expires: February 11, 2022



Payment of the above AMOUNT DUE THIS APPLICATION is recommended.

Date: _____ ENGINEER _____

By: _____

TOTALS:

ESTIMATE PERIOD: January 2018
ESTIMATE NUMBER 8
IMATE COMPLETED: 66%
STIMATE TIME USED: 95%

2/1/2018
Date

Date



Jeff Mar









This Page
Intentionally
Left Blank

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>02/14/18</u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u>02/27/18</u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: APPROVAL OF MINUTES FOR REGULAR MEETING HELD JANUARY 23, 2018.
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 23, 2018.
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 23, 2018, 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. Chief Development Engineer's Recommendation: Approved Disapproved X None
12. Chief Construction Engineer's Recommendation: Approved Disapproved X None
13. 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 23, 2018**, 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:	S. David Deanda, Jr., Chairman Forrest Runnels, Vice-Chairman Ricardo Perez, Secretary/Treasurer Alonzo Cantu, Director David Guerra, Director Paul S. Moxley Director Josue Reyes, Director	HCRMA HCRMA HCRMA HCRMA HCRMA HCRMA HCRMA
----------------	--	---

Absent:

Staff:	Pilar Rodriguez, Executive Director Ramon Navarro, Chief Construction Engineer Eric Davila, Chief Development Engineer Jose Castillo, Chief Financial Officer Carlos Moreno, Land Acquisition Coordinator Maria Alaniz, Administrative Assistant II Blakely Fernandez, Legal Counsel	HCRMA HCRMA HCRMA HCRMA HCRMA HCRMA HCRMA
--------	--	---

PLEDGE OF ALLEGIANCE

Chairman Deanda led the Pledge of Allegiance.

INVOCATION

Mr. Navarro led the Invocation.

CALL TO ORDER FOR WORKSHOP

Chairman Deanda called the Workshop to order at 5:30 pm.

1. Presentation by JJS Partners on a financing proposal for the 365 Toll and International Bridge Trade Corridor Projects.
Mr. Stan Wendzel, JJS Partners, presented a financing proposal for the 365 Toll and International Bridge Trade Corridor Projects.
2. Review of Quarterly Investment Report for the period ending December 31, 2017.
Mr. Pilar Rodriguez reviewed the Quarterly Investment Report for the period ending December 31, 2017.
3. Review of the Investment Policy for the Hidalgo County Regional Mobility Authority.
Mr. Pilar Rodriguez reviewed the Investment Policy for the Hidalgo County Regional Mobility Authority.

ADJOURNMENT OF WORKSHOP

CALL TO ORDER FOR REGULAR MEETING AND ESTABLISH A QUORUM

Chairman Deanda called the Regular Meeting to order at 5:59 pm.

A. REPORTS

- A. Report on Program Manager Activity for 365 Tollway Project and IBTC Environmental Clearance Document – Eric Davila, HCRMA.

Mr. Eric Davila reported on Program Manager Activity for 365 Tollway Project and IBTC Environmental Clearance Document. No action taken.

- B. Report on Construction Activity for US 281/Military Highway Overpass/BSIF Connector Project and Donna Lift Station – Ramon Navarro, HCRMA.

Mr. Ramon Navarro reported on Construction Activity for US 281/Military Highway Overpass/BSIF Connector Project and Donna Lift Station Project. No action taken.

- C. Report on Overweight/Oversized Vehicle Permits Issued in 2017 – Pilar Rodriguez, HCRMA.

Mr. Pilar Rodriguez reported on Overweight/Oversized Vehicle Permits Issued in 2017. No action taken.

B. CONSENT AGENDA.

Motion by Forrest Runnels, with a second by Paul Moxley, to approve the Consent Agenda. Motion carried unanimously.

- A. Approval of Minutes for Regular Meeting held December 19, 2017.

Approved the Minutes for the Regular Meeting held December 19, 2017 as presented.

- B. Approval of Project & General Expense Report for the period from December 6, 2017 to January 5, 2017.

Approved the Project & General Expense Report for the period from December 6, 2017 to January 5, 2017.

- C. Approval of Financial Report for December 2017.

Approved the Financial Report for December 2017.

- D. Approval of the Quarterly Investment Report for the period ending December 31, 2017.

Approved the Quarterly Investment Report for the period ending December 31, 2017.

- E. Resolution 2018- 01 – Annual approval of the Investment Policy for the Hidalgo County Regional Mobility Authority.

Approved Resolution 2018 – 01 – Approval of Annual approval of the Investment Policy for the Hidalgo County Regional Mobility Authority.

- F. Resolution 2018-03 – Approval of Supplemental Number 2 to Work Authorization Number 2 the Professional Service Agreement with C&M Associates to provide a Traffic & Revenue analysis of Scenario “G” for the 365 Tollway Project.

Approved Resolution 2018 – 03 – Approval of Supplemental Number 2 to Work Authorization Number 2 the Professional Service Agreement with C&M Associates to provide a Traffic & Revenue analysis of Scenario “G” for the 365 Tollway Project in the amount of \$18,375.00.

- G. Resolution 2018-04 – Approval of Contract Amendment Number 3 with C&M Associates to increase the maximum payable amount for Work Authorization Number 2.

Approved Resolution 2018 – 04 – Approval of Contract Amendment Number 3 with C&M Associates to increase the maximum payable amount for Work Authorization Number 2 in the amount of \$18,375.00 for a revised maximum payable amount of \$65,019.24.

C. REGULAR AGENDA

- A. ~~Resolution 2018-02—Approval of Change Order Number 9 and Final Closeout with Foremost Paving, Inc. for the US 281/Military Highway Overpass/Border Safety Inspection Facility Connector Project.~~
Item Removed from Agenda.
- B. ~~Resolution 2018-05—Work Authorization Number 2 to the Professional Service Agreement with Blanton & Associates, Inc. to provide Environmental Clearance Support for the IBTC Project.~~
Item Removed from Agenda.
- C. ~~Resolution 2018-06—Approval of Contract Amendment Number 1 with Blanton & Associates, Inc. to increase the maximum payable amount due Work Authorization Number 2.~~
Item Removed from Agenda.

D. CHAIRMAN'S REPORT

- A. None.

E. TABLED ITEMS

- A. None

F. 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 Forrest Runnels, with a second by Josue Reyes, to enter into Executive Session to consult with the Board Attorney on legal issues pertaining to Items 6F of the Texas Government Code at 6:12pm. Motion carried unanimously.

- A. Consultation with Board Attorney on legal issues pertaining to the Texas Department of Transportation State Infrastructure Bank Loan for the 365 Tollway Project (Section 551.071 T.G.C.).
No action taken.
- B. Consultation with Board Attorney on legal issues pertaining to Professional Service Agreements for Engineering, Surveying and Environmental Services (Section 551.071 T.G.C.).
No action taken.
- C. Consultation with Board Attorney on legal issues pertaining to the deliberation of real property for various parcels for the 365 Tollway Project (Sections 551.071 and 551.072 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 365 Tollway Project (Sections 551.071 and 551.072 T.G.C.).
No action taken.
- E. Consultation with Board Attorney on legal issues pertaining to the Environmental Clearance Document for the International Bridge Trade Corridor Project (Section 551.071 T.G.C.).
No action taken.

F. Consultation with Board Attorney on legal issues pertaining to Authorizing the Issuance, Sale and Delivery of one or more Series of Hidalgo County Regional Mobility Authority Senior Lien Revenue Bonds, Series 2017 in accordance with certain financing parameters; Approving the Form of, and Authorizing the Execution and Delivery of, the First Supplemental Trust Indenture; Appointing Authorized Officers to Authorize, Approve and Determine certain terms and provisions of the Series 2017 Bonds; Authorizing the execution and delivery of a contract of purchase for the Series 2017 Bonds; Approving the preparation of an Official Statement in connection with the Offering and Sale of such Bonds; Authorizing the Execution and Delivery of Documents and Instruments in Connection with the Foregoing; and Enacting other provisions relating to the subject (Section 551.071 T.G.C.).

No action taken.

G. Consultation with Board Attorney on legal issues pertaining to the Toll System Installation, Integration and Maintenance Contract with ETC Corporation for the Hidalgo County Regional Mobility Authority 365 Tollway Project (Section 551.071 T.G.C.).

No action taken.

H. Consultation with Board Attorney on legal issues pertaining to the award of contract to Johnson Bros. Corporation for Construction of the 365 Tollway Project from US 281/Military Highway to FM 396 (Anzalduas Highway) (Section 551.071 T.G.C.).

No action taken.

PUBLIC COMMENT

None

ADJOURNMENT

There being no other business to come before the Board of Directors, the meeting was adjourned at 6:20 pm.

S. David Deanda, Jr, Chairman

Attest:

Ricardo Perez, Secretary/Treasurer

Item 2B

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS
PLANNING COMMITTEE
FINANCE COMMITTEE
TECHNICAL COMMITTEE

X

AGENDA ITEM
DATE SUBMITTED
MEETING DATE

2B
02/14/18
02/27/18

1. Agenda Item: **APPROVAL OF PROJECT AND GENERAL EXPENSE REPORT FROM JANUARY 6, 2018 TO FEBRUARY 6, 2018**

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

Consideration and approval of project and general expense report for the period from January 6, 2018 to February 6, 2018.

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

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

General Account	\$ 169,367.47
Capital Projects Account	\$ 109,355.44
R.O.W Services	\$ 38,138.32
SIB Loan	\$ 0.00
Total Project Expenses for Reporting Period	\$ 316,861.23
 Fund Balance after Expenses	 \$ 1,988,287

5. Staff Recommendation: **Motion to approve the project and general expense report for the period from January 6, 2018 to February 6, 2018 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: X Approved Disapproved None

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

11. Chief Development Engineer's Recommendation: X Approved Disapproved None

12. Chief Construction Engineer's Recommendation: X Approved Disapproved None

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



Memorandum

To: S. David Deanda Jr., Chairman
From: Pilar Rodriguez, PE, Executive Director
Date: February 20, 2018
Re: **Expense Report for the Period from January 6, 2018 to February 6, 2018**

Attached is the expense report for the period commencing on January 6, 2018 and ending on February 6, 2018.

Expenses for the General Account total \$169,367.47, the Capital Projects Account total \$109,355.44, ROW total \$38,138.32 and for the SIB Loan total \$0.00. The aggregate expense for the reporting period is \$316,861.23.

Based on review by this office, **approval of expenses for the reporting period is recommended in the aggregate amount of \$316,861.23.**

This leaves a fund balance (all funds) after expenses of \$1,988,287.

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



HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

Jan. 6 - Feb. 6

February 2018

Plains Capital 41

	Make Check Payable to	Date Work Performed	Amount
Wages & Benefits	City of Pharr	January 2018 \$	81,170.93
	Office Depot	January 2018 \$	227.91
	Office Depot	February 2018 \$	141.23
	Copy Zone	12/17/2017 \$	1,156.85
	A-Fast Delivery, LLC	January 2018 \$	206.25
Telephone	Verizon Wireless	January 2018 \$	190.09
	Pathfinder Public Affairs	January 2018 \$	10,000.00
	Eric Davila	01/2018 \$	142.79
	Maria Alaniz	Thru 2/15/18 \$	25.72
Legal Fees	Bracewell, LLP	Thru 1/31/2018 \$	5,775.00
Accounting Fees	City of Pharr	January 2018 \$	205.00
Rent	City of Pharr	February 2018 \$	1,969.60
	City of Pharr	January 2018 \$	5,856.63
	City of Pharr	March 2016 to February 2017 \$	17,860.00
	City of Pharr	March 2017 to February 2018 \$	20,680.00
	City of Pharr	March 2018 \$	1,375.00
	Kronos	February 2018 \$	3,540.02
	Dahill	02/08/18-3/7/18 \$	683.21
	Dahill	02/14/18-3/13/18 \$	224.46
	ABC Janitorial & Floor Care, Inc.	01/29/2018 \$	449.00
	Arkiiform , LLC	01/2018 \$	7,312.50
	Electro Cooling Service, LLC	2/2/2018 \$	1,000.00
	Ricks Moving & Storage LLC	2/9/2018 \$	960.00
	Stanley Steemer	02/05/2018 \$	600.00
Professional Services	Pen Design	January 2018 \$	200.00
	Burton McCumber & Longoria, LLP	Thru 2/13/2018 \$	2,500.00
	Credit Card Services	01/04/18-02/03/18 \$	1,808.25
	Credit Card Services	01/04/18-02/03/18 \$	1,447.03
Rent	Pharr Bridge Business Park, LLC	March 2018 \$	1,400.00
Janitorial Services	ABC Janitorial & Floor Care, Inc.	January 2018 \$	260.00
		\$	169,367.47

Wilmington Trust 45/Capital Projects

Legal Fees	Bracewell, LLP	Thru 1/31/2018 \$	1,785.00
Engineering Services	HDR	11/26/17-12/30/17 \$	762.52
	C&M Associates, Inc.	12/01/2017-12/31/2017 \$	4,615.38
	S&B Infrastructure	11/01/17-11/30/17 \$	5,576.64
	Blanton & Associates, Inc.	01/01/18 thru 1/31/18 \$	5,497.80
Construction	Foremost Paving, Inc.	January 2018	Pending
	Jimenez Engineering Consultants DBA International Consulting Engineers	01/01/18 thru 1/31/18 \$	54,358.20
	Military Highway Water Supply Corporation	May 2017 \$	2,054.00
	Saenz Oil & Gas Services	01/01/18 thru 1/31/18 \$	11,541.06
	Greater Texas Landscape Services	January 2018 \$	1,664.62
		\$	87,855.22

	Make Check Payable to	Date Work Performed	Amount
R.O.W. Services			
	Requisitions Paid		
	Hidalgo County Tax Assessor- Pablo Villarreal, City of McAllen, Hidalgo Cnty Water Improvement Dist 3, HCID 2	365 Tollway \$	1,803.66
	Barron, Adler, Clough & Oddo, LLP Special Commissioners - Louis Patino, Rene Anzaldua, Richard Gonzalez	365 Tollway \$	22,834.66
	Special Commissioners - Nancy Zazueta, Mari Nowakowski, Brandon Holibar	365 Tollway \$	10,500.00
		365 Tollway \$	3,000.00
		\$	38,138.32
SIB Construction Account 45			
Legal Fees	Law Office of Richard A. Cantu	January 2018 \$	11,317.96
	Sendero Acquisitions	January 2018 \$	6,050.00
Acquisition Services	Sierra Title of Hidalgo County, Inc.	May -Oct 2017 \$	4,132.26
		\$	21,500.22
Sub Total - General	\$ 169,367.47		
Sub Total - Projects	\$ 87,855.22		
Sub Total - R.O.W.	\$ 38,138.32		
Sub Total - SIB Acquisitio	\$ 21,500.22		
Sub Total - SIB R.O.W.	-		
Total	\$ 316,861.23		

Approved: _____
 S. David Deanda, Jr., Chairman

Recommend Approval: _____
 Pilar Rodriguez, Executive Director

Approved: _____
 Ricardo Perez, Secretary/Treasurer

Date _____ **2/27/2018**

This Page
Intentionally
Left Blank

Item 2C

Removed

This Page
Intentionally
Left Blank

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>02/19/2018</u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u>02/27/2018</u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: RESOLUTION 2018-08 – APPROVAL OF CHANGE ORDER NUMBER 2 WITH INTERNATIONAL CONSULTING ENGINEERS FOR A NO-COST TIME EXTENTION AND ELECTRICAL REVISION FOR THE DONNA LIFT STATION
2. Nature of Request: (Brief Overview) Attachments: X Yes No
To extend the completion date to March 5, 2018.
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 2018-08 Change Order 2, as presented to the Board of Directors on February 27, 2018.
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: X Approved Disapproved None
12. Executive Director's Recommendation: X Approved Disapproved None



Memorandum

To: Pilar Rodriguez, P.E.
HCRMA, Executive Director

From: Ramon Navarro, IV, P.E., C.F.M.

Date: February 12, 2018

Subject: **CO#2 – APPROVAL OF CHANGE ORDER 2 WITH INTERNATIONAL
CONSULTING ENGINEERS FOR A NO-COST TIME EXTENSION AND
ELECTRICAL SITE REVISIONS FOR THE DONNA LIFT STATION**

GOAL

Consideration and approval of Change Order No. 2 for second extension of time and no impacts to maximum payable amount.

EXPLANATION

In implementation of construction, contract initial award was 180 calendar days with exceptions of weekends, holidays, and bad weather. Change Order No. 1 extended contract 36 days [216].

Electrical service provider [MVE] rejected initial electrical site plan due to encroachments of existing services. Upon acceptance of plan revisions and cost negotiations, a 3-week [15 day] schedule was provided by service provider for implementation. In addition, the months of December and January brought about an additional 22 bad weather days (attachment).

STAFF RECOMMENDATION:

Staff recommends approval of 40 additional days:

- A) 22 inclement weather days
- B) 15 days for implementation of electrical site plan revisions

OVERALL RECOMMENDATION:

Staff recommends approval of 40 additional days, extending substantial completion date to March 5, 2018 for a total of 256 working days at a no cost extension.

Weslaco, TX

Weslaco

⌚ 9:41 AM CST on February 12, 2018 (GMT -0600)

 Today  Forecast

Weather History for KT65 - December, 2017

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 	2 
					Actual: 81° 56° 0.00 in Average: - - - in	Actual: 83° 57° 0.00 in Average: - - - in
3 	4 	5 	6 	7 	8 	9 
Actual: 84° 67° 0.00 in Average: - - - in	Actual: 86° 68° 0.00 in Average: - - - in	Actual: 86° 54° 0.00 in Average: - - - in	Actual: 53° 44° 0.05 in Average: - - - in	Actual: 44° 37° MM in Average: - - - in	Actual: 45° 32° MM in Average: - - - in	Actual: 67° 35° 0.00 in Average: - - - in
10 	11 	12 	13 	14 	15 	16 
Actual: 69° 40° 0.00 in Average: - - - in	Actual: 71° 40° 0.00 in Average: - - - in	Actual: 71° 45° 0.00 in Average: - - - in	Actual: 65° 41° 0.00 in Average: - - - in	Actual: 67° 49° 0.00 in Average: - - - in	Actual: 58° 46° 0.12 in Average: - - - in	Actual: 50° 47° 0.08 in Average: - - - in
17 	18 	19 	20 	21 	22 	23 
Actual: 59° 48° 0.00 in Average: - - - in	Actual: 67° 55° 0.01 in Average: - - - in	Actual: 83° 62° 0.00 in Average: - - - in	Actual: 80° 64° 0.00 in Average: - - - in	Actual: 83° 63° 0.00 in Average: - - - in	Actual: 85° 66° 0.00 in Average: - - - in	Actual: 66° 53° 0.00 in Average: - - - in
24 	25 	26 	27 	28 	29 	30 
Actual: 76° 49° 0.00 in Average: - - - in	Actual: 57° 46° 0.00 in Average: - - - in	Actual: 66° 52° 0.00 in Average: - - - in	Actual: 65° 43° 0.00 in Average: - - - in	Actual: 46° 41° 0.00 in Average: - - - in	Actual: 50° 45° 0.00 in Average: - - - in	Actual: 62° 50° 0.01 in Average: - - - in
31 						
Actual: 60° 43° 0.01 in Average: - - - in						

Calendar Legend

Weslaco, TX

Weslaco

⌚ 9:43 AM CST on February 12, 2018 (GMT -0600)

 Today  Forecast

Weather History for KT65 - January, 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	 1	 2	 3	 4	 5	 6
	Actual: 42° 33° 0.00 in Average: - - - in	Actual: 35° 31° MM in Average: - - - in	Actual: 50° 32° 0.00 in Average: - - - in	Actual: 63° 31° 0.00 in Average: - - - in	Actual: 66° 44° 0.00 in Average: - - - in	Actual: 73° 48° 0.00 in Average: - - - in
7	 8	 9	 10	 11	 12	 13
Actual: 75° 58° 0.00 in Average: - - - in	Actual: 75° 48° 0.00 in Average: - - - in	Actual: 74° 41° 0.00 in Average: - - - in	Actual: 78° 48° 0.06 in Average: - - - in	Actual: 81° 58° 0.00 in Average: - - - in	Actual: 67° 41° 0.00 in Average: - - - in	Actual: 62° 39° 0.00 in Average: - - - in
14	 15	 16	 17	 18	 19	 20
Actual: 72° 36° 0.00 in Average: - - - in	Actual: 72° 55° 0.00 in Average: - - - in	Actual: 62° 29° MM in Average: - - - in	Actual: 37° 29° 0.00 in Average: - - - in	Actual: 39° 32° 0.00 in Average: - - - in	Actual: 54° 39° 0.02 in Average: - - - in	Actual: 78° 51° 0.01 in Average: - - - in
21	 22	 23	 24	 25	 26	 27
Actual: 79° 64° 0.00 in Average: - - - in	Actual: 72° 53° 0.00 in Average: - - - in	Actual: 68° 42° 0.00 in Average: - - - in	Actual: 59° 48° 0.02 in Average: - - - in	Actual: 66° 51° 0.00 in Average: - - - in	Actual: 74° 54° 0.00 in Average: - - - in	Actual: 78° 58° 0.00 in Average: - - - in
28	 29	 30	 31			
Actual: 73° 53° 0.00 in Average: - - - in	Actual: 71° 48° 0.01 in Average: - - - in	Actual: 70° 43° 0.00 in Average: - - - in	Actual: 74° 43° 0.00 in Average: - - - in			

Calendar Legend



Mostly Cloudy

Partly Cloudy

Cloudy

Rain

Snow



Thunderstorms

Hazy Fog

Sleet

'?' denotes
'chance of'

Unknown



AID TO CONSTRUCTION

Date : 2/2/2018

Customer : Jimenez Engineering : Contact #: (956)329-5404,		Account #: 326535-001 Work Order#: 5589707 Secondary #: (361)290-4810	Service Address: ATTN: Hugo P. Gonzalez Edinburg, TX 78541
From : Magic Valley Electric Cooperative 1-3/4 Mile West Highway 83 PO Box 267 Mercedes, Tx 78570 - 0267		Phone: (956) 289-4000 Toll Free: 1-866-225-5683 Fax: (956) 565-6931	Engineering Department Contacts Field Rep Assigned: Joe Barco Extension: 4049 Cell: (956) 453-9202 Engineering Aides: Alma Portillo 2537 Janice Villareal 4444
Description: New Commercial Service <u>With primary line adjustment</u>			
Accounting	Retire	Install	Totals
Labor w/ 30% OH: <u>\$ 1,641.56</u>		<u>+ \$ 2,556.76</u>	<u>53.43% Labor Cost</u> = <u>\$ 4,198.32</u> <u>11.19% Material Cost</u> = <u>\$ 879.13</u> <u>16.54% Transformer Cost</u> = <u>\$ 2,779.87</u> <u>\$4,735.82</u> <u>60.9% Labor +</u> <u>Material Cost +</u> <u>Transformer Cost - credit</u> <u>\$1,299.93</u> <u>Sub-Total</u> = <u>\$ 7,857.32</u> <u>18.83% Old Transformer Credit</u> = <u>\$ (1,479.94)</u> <u>MVEC Obligation\Credit</u> = <u>\$ -</u> <u>After Credits</u> = <u>\$ 6,377.38</u>
		City Taxes <u>\$ -</u>	State Taxes <u>\$ 398.59</u> = <u>\$ 398.59</u>
Reason for additional credit: Existing transformers coming back		Total = <u>\$ 6,775.97</u>	
Magic Valley Electric Cooperative has estimated the non-refundable "Aid to Construction" over the MVEC obligation. The customer provides the total aid prior to the installation of the electrical facilities owned by MVEC; and when we receive the aid, we will schedule your job for construction. Please return this fax and/or notify us with your approval. If you approve, we will send an invoice and the invoice figures are applicable for 90 days. If the customer requests underground facilities, please follow our underground guidelines and provide the conduit system which includes the trench, conduit with pull-string, and backfill. Also, please notify us when the underground conduit system is complete. Contact us if you have any questions and we thank you for your cooperation.			
Sincerely, Joe Barco		Customer approval signature _____	

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY BOARD

RESOLUTION No. 2018-08

APPROVAL OF CHANGE ORDER NUMBER 2 TO THE CONSTRUCTION AGREEMENT WITH INTERNATIONAL CONSULTING ENGINEERS FOR A NO-COST TIME EXTENSION AND ELECTRICAL REVISIONS FOR THE DONNA LIFT STATION

THIS RESOLUTION is adopted this 27th day of February, 2018 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 Act allows the Authority to construct transportation projects within the County; and

WHEREAS, on April 2, 2017 and April 9, 2017, the Authority published a solicitation for the City of Donna Valley View Lift Station site improvement project; and

WHEREAS, on April 18, 2017 the Authority opened and read into the record five (5) formal sealed bids for the Project from: (i) Jimenez Engineering Solutions, LLC dba International Consulting Engineers, (ii) RM Walsdorf, Inc., (iii) Jimmy Closner and Sons Construction Company, Inc., (iv) Foremost Paving, Inc., and (v) Ferguson Service Systems, Inc., ranging in amounts from \$344,918.00 to \$548,000.00 for construction of the Project; and

WHEREAS, Jimenez Engineering Solutions, LLC., dba International Consulting Engineers provided the lowest Project bid in the amount of \$344,918.00; and

WHEREAS, on May 23, 2017, the Authority approved Resolution 2017-52 the contract by and between Jimenez Engineering Solutions, LLC., dba International Consulting Engineers and the Authority for construction of the City of Donna Valley View Lift Station site improvement project in the amount of \$344,918.00 in substantially final form; and

WHEREAS, the authority finds it necessary to approve Resolution 2017-101 Change Order 1 to the Construction Contract with Jimenez Engineering Solutions, LLC, dba International Consulting Engineers, Inc., for a no-cost time extension of an additional 36 days bringing the total days to 216 for a project completion date of January 20, 2018.

WHEREAS, the authority finds it necessary to approve Resolution 2018-08 Change Order 2 to the Construction Contract with Jimenez Engineering Solutions, LLC, dba International Consulting Engineers, Inc., for a no-cost time extension of an additional 40 days bringing the total days to 256 for a project completion date of March 5, 2018.

* * * *

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 Resolution 2018-08 to the contract by and between Jimenez Engineering Solutions, LLC dba International Consulting Engineers and the Authority for construction of the City of Donna Valley View Lift Station for an addition of 40 days and a new project completion date of March 5, 2018.

Section 3. The Board hereby authorizes the Executive Director to execute Change Order 2 to the construction contract with Jimenez Engineering Solutions, LLC dba International Consulting Engineers 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 on the 27th day of February, 2018, at which meeting a quorum was present.

S. David Deanda, Jr., Chairman

Ricardo Perez, Secretary/Treasurer

EXHIBIT A
CONSTRUCTION CONTRACT
BETWEEN
JIMENEZ ENGINEERING SOLUTIONS, LLC. dba
INTERNATIONAL CONSULTING ENGINEERS, INC.
AND
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
FOR
CONSTRUCTION OF
THE CITY OF DONNA VALLEY VIEW LIFT STATION SITE
IMPROVEMENT PROJECT

CHANGE ORDER 2

This Page
Intentionally
Left Blank

Item 3A

Item Removed

This Page
Intentionally
Left Blank

Item 3B

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u><input checked="" type="checkbox"/></u>	AGENDA ITEM	<u>3B</u>
PLANNING COMMITTEE	<u><input type="checkbox"/></u>	DATE SUBMITTED	<u>02/12/18</u>
FINANCE COMMITTEE	<u><input type="checkbox"/></u>	MEETING DATE	<u>02/27/18</u>
TECHNICAL COMMITTEE	<u><input type="checkbox"/></u>		

1. Agenda Item: **RESOLUTION 2018-05 – WORK AUTHORIZATION NUMBER 2 TO THE PROFESSIONAL SERVICE AGREEMENT WITH BLANTON & ASSOCIATES, INC. TO PROVIDE ENVIRONMENTAL CLEARANCE SUPPORT FOR THE IBTC PROJECT.**
2. Nature of Request: (Brief Overview) Attachments: Yes No
Consideration and Approval of executing Work Authorization Number 1 for environmental consulting services required for the IBTC Project development.
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 2018-05 – Work Authorization Number 2 to the Professional Service Agreement with Blanton & Associates, Inc. to provide Environmental Clearance Support for the IBTC Project 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. Chief Development Engineer's Recommendation: Approved Disapproved None
12. Chief Construction Engineer's Recommendation: Approved Disapproved None
13. Executive Director's Recommendation: Approved Disapproved None



CMT Services

Environmental _____

Engineering _____

Geo-Technical _____

Surveying _____

WORK AUTHORIZATION SUMMARY

RESOLUTION

Work Authorization # _____ Supplemental # _____

Amount _____

Approved Work Authorizations:

Resolution No.	Description	Amount
----------------	-------------	--------

Subtotal from Cont. Page _____

Total Approved WA

Proposed Work Authorization and/or Supplemental

Goal and Options:

**Staff is recommending approval of this request in the amount of
Proposed total approved WA and/or Supplementals**

Requested By:

Work Authorizations Cont...**Resolution No.**

Resolution No.	Description	Amount
----------------	-------------	--------

Subtotal

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2018-05

RESOLUTION 2018-05 APPROVING WORK AUTHORIZATION NUMBER 2 TO THE PROFESSIONAL SERVICE AGREEMENT WITH BLANTON & ASSOCIATES, INC. TO PROVIDE ENVIRONMENTAL CLEARANCE SUPPORT FOR THE IBTC PROJECT.

THIS RESOLUTION is adopted this 27th day of February 2018 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, including the International Bridge Trade Connector project (the "IBTC");

WHEREAS, the Authority initially approved the retention of Blanton & Associates, Inc. through Resolution 2010-79 to provide professional services, including oversight of the IBTC local environmental assessment process and review of the recommendation as prepared by Atkins (formerly PBS&J) (the "Initial Agreement");

WHEREAS, under the scope of services provided to the Authority through the Initial Agreement, Blanton & Associates, Inc. demonstrated a unique and thorough understanding of the Authority's projects and related environmental issues;

WHEREAS, based on Blanton & Associates demonstrated knowledge and unique qualifications, and to ensure that the Authority did not experience any gap in critical environmental services, the Authority approved Resolutions 2017-71 and 2017-72 retaining Blanton & Associates to provide additional professional environmental services, including support for the federal environmental classification for the IBTC project, to the Authority immediately following the termination of the program manager agreement;

WHEREAS, the Board now (i) finds it necessary and desirable to finalize the federal environmental classification of the IBTC project; (ii) finds that Blanton & Associates has demonstrated its qualifications in environmental work; (iii) finds that Blanton & Associates has a unique understanding of and history with the project, creating efficiencies and expertise that would be difficult to replace; and (iv) desires to expand Blanton & Associates, Inc. professional environmental services as described in Work Authorization #2, to finalize the federal environmental classification for the IBTC project, attached hereto as Exhibit A;

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 2 to the Professional Service Agreement with Blanton & Associates, Inc. to provide environmental clearance support for the IBTC Project in an amount not to exceed \$702,075.94 hereto attached as Exhibit A.
- Section 3. The Board authorizes the Executive Director to execute Work Authorization Number 2 to the Professional Services Agreement for IBTC environmental services as hereby approved.
- Section 4. The Board hereby waives any provision in the Authority's Procurement Policy requiring solicitation for services described in 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 27th day of February 2018, at which meeting a quorum was present.

S. David Deanda, Jr., Chairman

Rick Perez, Secretary/Treasurer

Exhibit A

Work Authorization Number 2
to the Professional Services Agreement with
Blanton & Associates, Inc. for
Environmental Services for the
IBTC Project

WORK AUTHORIZATION NO. 2
AGREEMENT FOR ENVIRONMENTAL SERVICES

ATTACHMENT D-1

**WORK AUTHORIZATION NO. 2
AGREEMENT FOR ENVIRONMENTAL CONSULTING SERVICES**

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of "Article V of that certain Professional Services Agreement for Environmental Consulting Services" (the Agreement) entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and Blanton & Associates, Inc. (the Consultant).

PART I. The Consultant will perform environmental consulting 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 Consultant 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 \$702,075.94 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 Consultant'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 Consultant 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 December 31, 2020, 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 Environmental Consulting Services for International Bridge Trade Corridor.

IN WITNESS WHEREOF, this Work Authorization is executed in duplicate counterparts and hereby accepted and acknowledged below.

AUTHORITY

By: _____

Name: Pilar Rodriguez

Title: Executive Director

Hidalgo County Regional Mobility Authority

Date: _____

CONSULTANT

By: _____

Name: Don Blanton

Title: President

Blanton & Associates, Inc.

Date: _____

LIST OF EXHIBITS

Exhibit A	Services to be provided by the Authority
Exhibit B	Services to be provided by the Consultant
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

SERVICES TO BE PROVIDED BY THE CLIENT

A. SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES

The Client shall provide the Consultant with the following:

- Data files for all work completed to date.
- Microstation (.dgn) file for the July 2017 schematic.
- 11x17 cut sheets of the schematic for inclusion as an Appendix in the Project Description Technical Report.
- Figures depicting the alignment changes and reasoning behind the alignment modifications (to include Value Engineering Study, meetings with property owners [MAPOs], etc.).
- Maps/figures depicting the location of each parcel and a table containing the associated parcel information to conduct the detailed relocation analysis and all information pertaining to the at-risk ROW acquisition.
- CAD or design files showing proposed and existing ROW and property boundaries as well as acreage calculations for new ROW and/or easements required throughout the project and at individual historic property locations (if applicable).
- Design details at each crossing of an NRHP-eligible or NRHP-listed irrigation district feature to assist with the historic resources and Section 4(f) de minimis compliance packages.
- Texas Historical Commission State Historic Preservation Office letter of concurrence with a summary of the archeological resources survey results (done by others) for inclusion in the EA.
- ROE coordination for all parcels where trenching is proposed prior to fieldwork initiation.
- Written notice that an agreement with landowner and lessee for compensation of lost crop has been made for parcels under cultivation at the time of One-call, otherwise these parcels will be considered inaccessible and avoided.
- Existing and predicted (future) traffic data for the design year.
- A list of adjacent landowners, addresses, and contact information for inclusion in the Individual Permit application or Preconstruction Notification.
- Plan and profile design details at each hazardous material site location to assist in the risk assessment.

- Summary and figures of the hazardous materials Phase I and Phase II environmental site assessments for the Donna Reservoir/Canal Hazardous Material for inclusion in the Technical Report and EA.
- Travel demand model (TDM) data from the Regional Toll Analysis to complete the project-level analysis. Data to include toll rates, tolling locations, environmental justice-related demographic data by traffic analysis zone, expected use of toll revenues, potential users of the facility using origin and destination studies identified by decreased travel time with use of the tolled facility, assumptions and limitations of any TDM used in the study.

B. PUBLIC INVOLVEMENT

The Client shall:

- Make arrangements and pay for newspaper advertisements, public meeting facility rentals, and court reporter.

Provide translation services.

- Provide Consultant with list and summaries of MAPOs, neighborhood meetings, and agency coordination that has occurred since the 2011 Local EA.

C. PROJECT MANAGEMENT AND ADMINISTRATION

The Client shall:

- Secure permission to enter private property for purposes of environmental surveys.
- Provide written ROE permission signed by the landowner.
- Coordinate all ROE with landowners prior to commencement of fieldwork.
- Make appropriate arrangements with landowner for compensation of lost crop (for archaeological trenching).

**EXHIBIT B
SERVICES TO BE PROVIDED BY THE CONSULTANT**

The work to be performed by Blanton & Associates, Inc. (Consultant) under this agreement with Hidalgo County Regional Mobility Authority (HCRMA) (Client) will consist of preparing a Texas Department of Transportation (TxDOT) – National Environmental Policy Act (NEPA) Assignment/Federal Highway Administration (FHWA) Environmental Assessment (EA) for the proposed International Bridge Trade Corridor (IBTC). The limits for the proposed IBTC extends east from the 365 Toll/Farm-to-Market Road (FM) 3072 intersection east then north to the Interstate Highway 2 (I-2), and east to FM 493 in Hidalgo County, Texas.

A Local EA was prepared for the proposed IBTC project in May 2011. Since the May 2011 Local EA and associated Technical Reports were prepared, the following changes have occurred:

- Project funding was changed from local to state and federal
- Modifications were made to the alignment in June 2014 based on a Value Engineering (VE) Study
- Per the June 2014 alignment, approximately 15-25 acres of additional right-of-way (ROW) was added in the eastern section and the western limit was revised
- At-risk acquisition of several parcels for corridor preservation
- Changes in TxDOT guidance
- Total project length is 13.15 miles per June 2017 design schematic

This scope of services and subsequent fee proposal is based on conducting environmental studies, preparing technical reports and an EA (Draft and Final), and conducting public involvement activities for the June 2017 schematic. **The Client shall provide the Consultant with data files for all work completed to date.** The Consultant shall review and use all relevant material from the 2011 environmental studies.

A. SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES

The Consultant shall perform all work in accordance with TxDOT's latest practices, specifications, policies, procedures, and Environmental Compliance Toolkits.

1. Environmental Documentation

The Consultant shall produce a complete and acceptable deliverable for each environmental service performed for environmental documentation. Deliverables shall summarize the methods used for the environmental services, and shall summarize the results achieved. The summary of results shall be sufficiently detailed to provide satisfactory basis for thorough review by the Client, TxDOT, FHWA, and (where applicable) agencies with regulatory oversight. All deliverables shall meet regulatory requirements for legal sufficiency, and shall adhere to the requirements for reports enumerated in TxDOT's NEPA memorandum of understanding (MOU).

a. Quality Assurance/Quality Control Review

For each deliverable, the Consultant shall perform quality assurance quality control (QA/QC) reviews of environmental documents and on other supporting environmental documentation to determine whether documents conform with:

- Current Environmental Compliance Toolkit guidance published by TxDOT's Environmental Affairs Division (ENV) and in effect as of the date of receipt of the documents or documentation to be reviewed;
- Current state and federal laws, regulations, policies, guidance, agreements, and MOUs between TxDOT and other state or federal agencies; and

- FHWA and American Association of State Highway and Transportation Officials (AASHTO) guidelines contained in "Improving the Quality of Environmental Documents, A Report of the Joint AASHTO and American Council of Engineering Companies (ACEC) Committee in Cooperation with the Federal Highway Administration" (May 2006) for readability, and use of evidence and data in documents to support conclusions.

Upon request, the Consultant shall provide documentation that the QA/QC reviews were performed by qualified staff.

b. Submission of Deliverables

- i) The final deliverables shall contain all data acquired during the environmental service. All deliverables shall be written to be understood by the public and must be in accordance with TxDOT's Environmental Compliance Toolkit guidance, documentation standards, current guidelines, policies and procedures.
- ii) Electronic versions of each deliverable must be written in TxDOT-compatible software and provided in a changeable format. The Consultant shall supplement all hard copy deliverables with electronic copies in searchable Adobe Acrobat™ (.pdf) format, unless another format is specified. Each deliverable shall be a single, searchable .pdf file that mirrors the layout and appearance of the physical deliverable. The Consultant shall deliver electronic files on CD-R, CD-RW media in Microsoft Windows format, or through the Client's ftp site.
- iii) Deliverables consist of reports of environmental services performed in addition to documentation for an EA document. Deliverables shall:
 - go through an internal quality review prior to submittal;
 - comply with all applicable state and federal environmental laws, regulations and procedures;
 - include all items listed in the Environmental Document Review Checklist and the Administrative Completeness Review Checklist;
 - insert the following language on the cover page: *"The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried-out by TxDOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated December 16, 2014, and executed by FHWA and TxDOT."*
- iv) Consultant shall revise the draft deliverables to:
 - incorporate comments provided by TxDOT (and other agencies);
 - include a comment response matrix with the revised document;
 - include any commitments, findings, agreements, or determinations (e.g., wetlands, endangered species consultation, Section 106, or Section 4(f)), required for the Transportation Activity as specified by TxDOT;
 - incorporate the results of public involvement and agency coordination; and
 - reflect mitigation measures resulting from comments received or changes in the Transportation Activity.

2. EA Content and Format

The Consultant shall follow the Environmental Assessment Outline and the Environmental Handbook: Preparing an Environmental Assessment located in the Environmental Compliance Toolkits located on the TxDOT website. The EA shall:

WORK AUTHORIZATION NO. 2
AGREEMENT FOR ENVIRONMENTAL CONSULTING SERVICES

- meet the requirements of 23 CFR §771.119 and TAC, Title 43, Part 1, Chapter 2.
- be in sufficient detail to meet regulatory requirements for legal sufficiency and include all items listed in the EA Outline, Environmental Document Review Checklist and the Administrative Completeness Review Checklist.
- use good quality maps and exhibits (exhibits shall be in color and not exceed 11" x 17"; text pages shall be 8.5" x 11").
- incorporate by reference and summarize background data and technical analyses to support the concise discussions of the alternatives and their impacts.
- include summaries of the Technical Reports (listed below).

EA Outline

1.0 Introduction

2.0 Project Description

 2.1 Existing Facility

 2.2 Proposed Facility

3.0 Purpose and Need

 3.1 Need

 3.2 Supporting Facts and/or Data

 3.3 Purpose

4.0 Alternatives

 4.1 Build Alternative

 4.2 No Build Alternative

 4.3 Preliminary Alternatives Considered but Eliminated from Further Considerations

5.0 Affected Environment and Environmental Consequences

 5.1 Right-of-Way/Displacements

 5.2 Land Use

 5.3 Farmlands

 5.4 Utilities/Emergency Services

 5.5 Bicycle and Pedestrian Facilities

 5.6 Community Impacts

 5.6.1 Environmental Justice

 5.6.2 Limited English Proficiency

 5.7 Visual/Aesthetics Impacts

 5.8 Cultural Resources

 5.8.1 Archeology

 5.8.2 Historic Properties

 5.9 DOT Act Section 4(f), LWCF Act Section 6(f) and PWC Chapter 26

 5.10 Water Resources

 5.10.1 Clean Water Act Section 404

 5.10.2 Clean Water Act Section 401

 5.10.3 Executive Order 11990 Wetlands

 5.10.4 Rivers and Harbors Act

 5.10.5 Clean Water Act Section 303(d)

 5.10.6 Clean Water Act Section 402

 5.10.7 Floodplains

 5.10.8 Wild and Scenic Rivers

 5.10.9 Trinity River Corridor Development Certification

 5.10.10 Coastal Barrier Resources

 5.10.11 Coastal Zone Management

 5.10.12 Edwards Aquifer

 5.10.13 International Boundary and Water Commission

- 5.10.14 Drinking Water Systems
- 5.11 Biological Resources
 - 5.11.1 Texas Parks and Wildlife Coordination
 - 5.11.2 Impacts on Vegetation
 - 5.11.3 Executive Order 13112 on Invasive Species
 - 5.11.4 Executive Memorandum on Environmentally and Economically Beneficial Landscaping
 - 5.11.5 Impacts to Wildlife
 - 5.11.6 Migratory Bird Treaty Act
 - 5.11.7 Fish and Wildlife Coordination Act
 - 5.11.8 Bald and Golden Eagle Protection Act of 2007
 - 5.11.9 Magnuson-Stevens Fishery Conservation Management Act
 - 5.11.10 Marine Mammal Protection Act
 - 5.11.11 Threatened, Endangered, and Candidate Species
- 5.12 Air Quality
- 5.13 Hazardous Materials
- 5.14 Traffic Noise
- 5.15 Induced Growth
- 5.16 Cumulative Impacts
- 5.17 Construction Phase Impacts
- 6.0 Agency Coordination
- 7.0 Public Involvement
- 8.0 Environmental Permits, Issues, and Commitments
- 9.0 Conclusion
- 10.0 References
- 11.0 Appendices
 - Appendix A – Project Location Map
 - Appendix B – Project Photos
 - Appendix C – Schematics
 - Appendix D – Typical Sections
 - Appendix E – Plan and Program Excerpts
 - Appendix F – Resource-specific Maps
 - Appendix G – Resources Agency Coordination
 - Appendix H – Section 4(f) Documentation (if applicable)
 - Appendix I – Comment and Response Matrix from Public Meeting/Public Hearing (optional)

Deliverables:

- Preliminary Draft EA for district review
- Revised Draft EA (per district comments)
- Draft EA for TxDOT ENV review
- Revised Draft EA (per TxDOT ENV comments)
- Draft EA for Public Hearing
- Final EA

3. Decision Document

Upon approval of the Final EA, the Consultant shall:

- prepare a decision document and submit to TxDOT review and approval. Consultant shall respond to two rounds of comments (district and ENV) and submit final decision document for TxDOT's signature.
- prepare an Environmental Permits Issues and Commitments (EPIC) sheet that includes all environmental commitments for submittal with the decision document. Upon review by TxDOT district and ENV, Consultant shall address all comments and finalize EPIC sheet for

incorporation into plans (and contractor bidding documents) to ensure that implementation occurs through proper execution of plans, specifications and estimates (PS&E) contract.

- prepare a notice of availability (NOA) for the Environmental Decision.

Deliverables:

- EPIC sheet (draft and final)
- Decision Document (draft and final)
- NOA (draft and final)

4. Technical Reports and Documentation

Technical reports and documentation for environmental services includes a report, checklist, form, or analysis detailing resource-specific studies identified during the process of gathering data to make an environmental decision. Technical reports shall be produced before the EA is prepared to identify issues early in the process; the analysis and results of all Technical Reports shall be summarized in the EA. Technical reports and documentation must:

- be prepared with sufficient detail and clarity to support environmental determination(s) and shall be compliant with TxDOT Environmental Compliance Toolkits.
- include appropriate NEPA or federal regulatory language in addition to the purpose and methodology used in delivering the service.
- include sufficient information to determine the significance of impacts.
- insert the following language in a way that is conspicuous to the reader: *"The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried-out by TxDOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated December 16, 2014, and executed by FHWA and TxDOT."*

Applying the preliminary knowledge of the project, project area, and the thresholds in the **July 2017** Project Scoping Tool, it was determined that the following technical reports and documentation will be required for the IBTC project:

- Project Description (including Purpose and Need)
- Alternatives Analysis (with input from Client)
- Archeological Resources Survey
- Biological Evaluation Form
- Community Impacts Assessment
- Hazardous Materials Initial Site Assessment
- Historic Resources Project Coordination Request
- Historic Resources Survey Report
- Indirect and Cumulative Impacts
- Traffic Noise Analysis
- Water Resources
- Project Level Toll Analysis
- Section 4(f) and TPWD Chapter 26 documentation

Deliverables:

- Draft Technical Reports (for each resource category listed above; including responses on two rounds of TxDOT [District and ENV] comments)
- Final Technical Reports (for each resource category listed above)

a) Project Description (including Purpose and Need)

The Consultant will update the previously drafted Purpose and Need Technical Report (with input from the

Client) to include a detailed Project Description (including project layout, typical sections, proposed ROW, easements, etc.). **The Client shall provide 11x17 cut sheets of the schematic for inclusion as an Appendix.**

b) Alternatives Analysis

The Consultant will update the previously drafted Alternatives Analysis Technical Report (with input from the Client) to include a detailed description of the alignment modifications made since the 2011 EA. **The Client shall provide the Consultant with figures depicting the alignment changes and reasoning behind the alignment modifications (to include VE Study, meetings with property owners [MAPOs], etc.).**

c) Community Impacts Analysis

Community Impacts includes land use, environmental justice (EJ), limited English proficiency (LEP), and other issues as addressed in TxDOT Environmental guidance. The Consultant shall perform Community Impact Assessments following guidance provided in TxDOT's Community Impacts Assessment Toolkit, compile analysis to meet requirements of TA 6640.8A. Analysis must conform to applicable current TxDOT and FHWA guidance. The Consultant shall complete:

- Residential and commercial displacements analysis
- Detailed relocation analysis for proposed displacements within the final proposed ROW. The analysis will include site visits and photo documentation of each potential displacement along with mapping and relocation research. Anticipate approximately 50 displacements.
- Access and travel patterns analysis
- Community cohesion analysis
- EJ analysis (in accordance with Executive Order [EO] 12898)
- LEP analysis (in accordance with EO 13166)

The Client shall provide Consultant with maps/figures depicting the location of each parcel and a table containing the associated parcel information and all information pertaining to the at-risk ROW acquisition.

d) Non-archeological Historic Resources

The Consultant shall perform limited non-archeological historic-age resource studies related to compliance with Section 106 and Section 110 of the NHPA (36 CFR 800). Using TxDOT's Environmental Compliance Toolkits, the Consultant shall prepare the following:

- Project Coordination Request (PCR)
- Research Design for Reconnaissance-level Historic Resources Survey
- Reconnaissance-level Historic Resources Survey Report
- Documentation package regarding project impacts to the NRHP-listed Hidalgo County Irrigation District #2 (HCID #2) and the potentially NRHP-eligible HCID#1 (Donna Irrigation District). It is assumed that TxDOT ENV historians shall use this documentation package to complete Section 4(f) de minimis coordination for the NRHP-listed and NRHP-eligible irrigation features.

Performance of historic studies shall include the following tasks:

The Consultant shall determine the area of potential effect (APE) and the limits of the survey area (assumed to be 300 ft on either side of and beyond the ROW for new location facilities) of the IBTC in consultation with TxDOT. The Consultant shall conduct a literature review. This review shall include prior survey reports, relevant NRHP property nominations in the project vicinity, the Texas Historic Sites Atlas, Texas Historical Commission (THC) Survey Files, the NRHP, the list of SALs, and the list of Registered Texas Historic

WORK AUTHORIZATION NO. 2
AGREEMENT FOR ENVIRONMENTAL CONSULTING SERVICES

Landmarks (RTHLs) to identify previously recorded historic properties within the APE and within a larger study area extending 1,300 ft beyond the existing/proposed ROW.

The Consultant shall prepare a PCR for the IBTC project in conformance with TxDOT's current Project Coordination Request form for Historic Studies.

The Consultant shall prepare a research design for the IBTC project in conformance with TxDOT's current Documentation Standard for Historic Resources Research Design. The research design shall provide a succinct summary of the literature review results, clear descriptions of identification, evaluation and documentation tasks required, and associated production schedules. The Consultant shall submit two copies of the research design to TxDOT. TxDOT assumes responsibility for transmitting the research design to the THC and transmitting THC comments to the Consultant. The Consultant shall revise the research design to reflect comments by TxDOT and THC.

Upon approval of the research design, historians shall conduct field survey of the IBTC historic resources APE. Documentation of historic-age resources (defined in accordance with 36 CFR 60 as buildings, structures, objects, districts, or sites at least 50 years old at the time of letting) shall conform to current TxDOT Documentation Standard, Reconnaissance Survey Report. The Consultant shall document up to 50 historic-age resources within the APE of the proposed IBTC project. Should additional historic-age resources be identified in the APE, additional budget shall be required.

Using the results of the field efforts, the Consultant shall prepare a report describing the findings of the reconnaissance survey and make recommendations to TxDOT regarding intensive survey needs. The report shall conform to TxDOT's Documentation Standard, Reconnaissance Survey Report and shall have sufficient detail and clarity to provide TxDOT with a basis for making NRHP-eligibility determinations. It shall include the following information:

- (i) A brief overview of the project and the regulatory requirements for conducting the survey.
- (ii) A brief background history of the study area presenting historic contexts relevant to the time periods associated with the historic-age resources in which to evaluate significance of the resources for NRHP eligibility.
- (iii) An inventory of all recorded resources provided in a table form that details their project ID numbers, locations, property type and subtype classifications, stylistic influences, construction dates, integrity issues, alterations, and NRHP eligibility and effect recommendations.
- (iv) Maps showing the location of each historic-age resource labeled with its appropriate project ID number, running as consecutively as possible from the top left-hand corner to the bottom right-hand corner of the map. Outbuildings and landscape features shall be reported as subsets of the main project ID number for a property. The maps shall clearly depict the proposed ROW and APE as well as major street names and other directional landmarks and shall be based on modern aerial photographs.
- (v) Photographs of each recorded historic-age resource. The photographs shall adhere to the photography standards outlined in TxDOT's current Documentation Standard, Reconnaissance Survey Report.
- (vi) An assessment of the Section 106 effect of the proposed improvements at each NRHP-listed or -eligible resource location.

WORK AUTHORIZATION NO. 2
AGREEMENT FOR ENVIRONMENTAL CONSULTING SERVICES

The Consultant shall respond to one round of comments by TxDOT and the THC. TxDOT shall be responsible for transmitting the report to the THC and transmitting the THC comments to the Consultant.

Deliverables:

- PCR
- Research Design
- Draft Reconnaissance-Level Survey Report with resource identification forms and preliminary assessments of NRHP eligibility and Section 106/Section 4(f) effects.
- Revised Reconnaissance-Level Survey Report with resource identification forms and revised assessments of NRHP eligibility and Section 106/Section 4(f) effects.

Assumptions:

- The area examined during this survey shall be limited to an APE extending 300 feet on either side of and beyond the proposed ROW including property parcels extending into that area.
- The Client shall provide CAD or design files showing proposed and existing ROW and property boundaries as well as acreage calculations for new ROW and/or easements required throughout the project and at individual historic property locations (if applicable).
- The Client shall provide design details at each crossing of an NRHP-eligible or NRHP-listed irrigation district feature to assist with the Section 4(f) de minimis compliance packages.
- Historians shall record up to 50 historic-age resources constructed in or before 1974 assuming an anticipated letting date of 2019.
- Intensive-level survey efforts are not included. If TxDOT requests intensive-level survey efforts for any historic resources as part of this proposed project, a separate scope and budget would be required.
- The HCID#1(Donna Irrigation District) currently has an undetermined NRHP- eligibility; the irrigation district features within the historic resources APE shall therefore be treated as potentially NRHP eligible in the historic resources report per TxDOT protocol.
- Section 4(f) de minimis determination for any impacts to the HCID#1 (Donna Irrigation District) can be carried out with a potentially NRHP-eligible assumption.
- All impacts to the NRHP-listed HCID#2 are assumed to be not adverse under Section 106 and can thus be coordinated under Section 4(f) de minimis guidelines
- All impacts to the potentially NRHP-eligible HCID#1 are assumed to be not adverse under Section 106 and can thus be coordinated under Section 4(f) de minimis guideline
- No Individual or Programmatic Section 4(f) evaluations are part of this scope and budget. If such evaluations are necessary, a separate scope and budget would be required.

e) Archeological Resources

The Consultant shall review and build upon the previously-conducted studies for archaeological resources.

Archeological Survey

The Consultant shall perform additional archeological survey of the preferred alternative in accord with the following specifications. To meet the compressed schedule requirements for this project, this scope assumes that TxDOT's standard for performing a separate impact evaluation study shall not be performed. If it is determined that this interim step of investigation is required, it shall be performed under an additional supplemental agreement.

Based on the March 2016 ROW design, the APE for archeological resources shall be defined as the proposed ROW, shall range in width from 200 to 400 feet (ft), and shall be 13.06 miles in length. The Consultant understands that the project shall require a total of 682.54 acres of new ROW, which includes 25 acres of additional ROW based on the March 2016 design update. Also, the vertical APE shall be a function of the profile and drainage needs and shall not be consistent throughout. In general, the vertical APE shall be 39.5 inches (1 meter [m]). Where overpasses and bridges shall be constructed, an additional 2 ft (60 centimeters) may be necessary for retaining walls or mechanically stabilized earth. In areas where pilings are necessary, the APE shall be approximately 70 ft (21.3 m), these locations are:

1. FM 2557 (Stewart Road)
2. FM 907 (Alamo Road)
3. Tower Road
4. Border Road
5. Valley View Road
6. County Road (CR) 1822 (Rhodes Road)
7. Business (BUS) 83
8. Direct connectors at I-2 (previously US 83 Expressway)
9. Water crossings (bridge):
 - Main Floodway Channel Bridge
 - Donna Reservoir

The Consultant anticipates that all construction easements shall be within the proposed ROW and that all lands within the IBTC APE are currently privately owned.

The Consultant notes that 510.29 acres of the current proposed IBTC ROW was surveyed for archeological resources in 2010 under TAC Permit 5683 and in 2014 under a separate contract. Because of project redesign and the additional new ROW in 2016, the Consultant shall conduct additional intensive archeological survey of proposed new IBTC ROW not previously surveyed under TAC Permit 5683, which is 172.25 acres in size. A total of 147.25 acres of survey remain uncompleted of the pedestrian survey and 20 exploratory trenches.

This agreement does not alter or supersede the responsibilities of the Consultant regarding identification of Native American tribes to be consulted in accord with 36 CFR 800.

This agreement shall include an amendment to the completed research design. The Consultant shall complete an amendment under TAC Permit 7008 to evaluate the potential for intact archeological deposits in the additional APE, make recommendations about the project's potential to affect eligible archeological sites, and make recommendations regarding methods for archeological survey for submission to TxDOT. The amendment shall also include information on proposed delineation of positive trenches that are encountered during investigations to confirm or deny the existence of buried archaeological sites. Of the completed exploratory trenching under previous efforts, 10 trenches were positive and require further delineation. It is estimated that two additional positive trenches shall be encountered during the

WORK AUTHORIZATION NO. 2
AGREEMENT FOR ENVIRONMENTAL CONSULTING SERVICES

investigations of the remaining 20 trenches that were not completed under the previous efforts and the additional eight trenches are needed for the new 25 acres of IBTC ROW. Therefore, approximately 12 positive trenches shall be delineated to confirm or deny the existence of buried archaeological sites.

The research design amendment shall have sufficient detail and clarity to provide the THC with a basis for making its recommendations and follow TxDOT Standards of Uniformity (SOU). At a minimum, the research design shall include the following information:

- Relevant descriptive information about the newly proposed ROW (additional 25 acres).
- Description of the additional project area and previous impacts, landscape characteristics, or other variables affecting the integrity of known or unknown archeological sites in the project area.
- Evaluation of the extent to which previous impacts, landscape characteristics, or other variables affect the possibility of finding intact archeological deposits within the additional project area.
- The locations and methods where archeological survey is needed.
- Location and brief description of positive trenches that shall require delineation.

The Consultant shall follow the methods for archaeological survey as outlined in the research design and comply with applicable standards as defined in 13 TAC 26.20 and policies of the THC. Any deviation from these standards shall be described with explicit, plausible justification in the report of the investigations.

The amended research design shall be submitted for review to the sponsoring agency prior to submittal to the THC. The Consultant shall proceed with proposed investigations upon approval of the amended research design by the sponsoring agency and concurrence from the THC.

The Consultant has assessed the additional 25 acres of new IBTC ROW as meeting the criteria for definition as High Probability Areas (HPA) for the presence of archeological sites. These areas are characterized, however, by extensive clay deposits, which means shovel testing would not be an efficient means of identifying buried archeological sites within HPA, particularly prehistoric sites. Therefore, the Consultant shall conduct systematic archeological trenching within the additional IBTC ROW.

Pedestrian Survey

This agreement does not alter or supercede the responsibilities of the Consultant regarding the inspection by a team of archeologists over the entire IBTC APE not previously surveyed.

Exploratory Trenching

The APE for the proposed new IBTC ROW and additional trenches for delineation includes areas where the vertical APE is generally defined as 100 centimeters below surface (cmbs), and overpasses and a bridge where the vertical APE is greater than 100 cmbs. The Consultant understands these overpasses and bridge consist of:

1. Valley View Interchange
2. Valley View Road (FM 1423) Water Crossing (bridge):
 - Main Floodway Channel Bridge

The Consultant proposes to excavate an additional 48 trenches beyond the 101 trenches proposed under the approved research design under TAC Permit 7008 utilizing mechanical excavation equipment within areas defined as HPA. Eight trenches shall be within the additional 25 acre IBTC ROW that resulted from the March 2016 ROW design. Approximately 40 trenches shall be excavated to delineate a total of 12 positive trenches within the APE. Trenching density is proposed at one trench per 3 acres of HPA to be staggered throughout the APE. The Consultant proposes to delineate each positive trench with up to four

WORK AUTHORIZATION NO. 2
AGREEMENT FOR ENVIRONMENTAL CONSULTING SERVICES

trenches to confirm or deny the existence of buried archeological sites within the APE.

Trenching in HPAs Where Vertical APE is Generally 100 cmbs

Of the additional 48 trenches, approximately 36 shall be in areas where the vertical APE is generally 100 cmbs. Each trench shall be approximately 1 m (3 ft) wide, 5 m (16 ft) long, and 1 m deep within the IBTC APE in areas of HPA for which right-of-entry (ROE) is granted, that do not display disturbance, and are not inundated at the time of survey. The placement of the trenches within the HPAs shall be governed by conditions on the ground, aided by the results of the pedestrian survey, and by the judgment of the project geoarcheologist. The Consultant reserves the right to initiate further coordination with TxDOT ENV based on preliminary results of the proposed trenching should these results indicate a modification in trenching intervals is necessary.

Trenching in HPAs Where Vertical APE is Greater Than 100 cmbs

Approximately 12 trenches shall be in areas where the vertical APE is greater than 100 cmbs; specifically, at two overpass/underpass locations and at the proposed Main Floodway Channel Bridge. Each trench shall be approximately 1 m (3 ft) wide, 8 m (26 ft) long, and about 2 m (6.5 ft) deep within the IBTC APE in areas of HPA for which ROE is granted, that do not display deep disturbances, and are not inundated at the time of survey. The trenching shall adhere to Occupational Safety and Health Administration guidelines. The Consultant would prefer a trenching approach that would allow direct examination of deposits in excess of 1.2 m (4 ft) in depth, which would include a combination of benching and sloping to permit safe viewing under a plan to be developed in consultation with an OSHA compliance expert. If this approach is not feasible, each trench shall be excavated to a depth of about 1.2 m (4 ft), at which time the trench walls shall be scraped, and all soils and sediments observed in the trenches shall be described using standard soil description nomenclature. The remaining 0.75 m (2.5 ft) shall be excavated, but the trench shall not be entered. Rather, the backdirt removed from these depths shall be examined for cultural remains. Should cultural materials continue to be encountered at these lower depths, excavation shall cease until TxDOT and the THC are consulted regarding further excavation at the site. The placement of the trenches within the HPAs shall be governed by conditions on the ground and by the judgment of the project geoarcheologist.

If during exploratory trenching, rare and/or diagnostic artifacts and special samples for dating analysis that are pertinent to assessment of the cultural and/or temporal affiliation of an identified archeological site are encountered, these items may be collected for further analysis at the B&A Archeological Laboratory and/or submission for dating analysis. The Consultant assumes up to 15 samples that are collected during delineation shall be submitted for dating analysis. The samples shall aid the eligibility determinations of buried archaeological sites if encountered. Curation of these artifacts or samples at a certified repository would be required under provisions of the TAC permit for this project and shall be included in this proposal. In addition, curation for the additional records and data collected for the additional trenches are included in this agreement. Services associated with additional dating analysis of special samples if necessary shall be provided under an additional supplemental scope and budget authorization in a subsequent testing or mitigation phase investigation of said site.

Inadvertent Discovery

If human remains are identified within any of the excavated trenches, work in the vicinity shall cease immediately, the find shall be secured, and the THC shall be contacted for instructions on how to proceed in compliance with Section 711 of the Texas Health and Safety Code.

The archeological survey shall be performed under TAC Permit 7008 as issued by the THC (Title 13, Part 2, Chapter 26, TAC). This agreement does not alter or supersede the responsibilities of the Consultant regarding the performance of surveys, documentation, and reporting to satisfy TxDOT and the THC requirements for determining whether archeological sites are present in the APE, and whether test excavations or a higher level of archeological work is needed.

Deliverables:

- TAC Permit Transfer
- Research Design Amendment
- Archeological Resources Survey Report

Assumptions:

- The Client shall provide the Consultant with the THC State Historic Preservation Office (SHPO) letter of concurrence with a summary of the archeological resources survey results (done by others) for inclusion in the EA.
- TxDOT shall accept the previous survey findings of portions of the current ROW as presented in the 2010 PBS&J report by Chavez et al., which was approved by THC in 2010, and not require additional survey in these areas.
- Survey strategy presented in amended research design shall be accepted by TxDOT and the THC.
- All ROE efforts shall be coordinated by the Client and granted for all parcels where trenching is proposed prior to fieldwork initiation.
- If parcels where trenching is proposed and for which ROE has been granted are under cultivation at the time of One-call, these parcels will be considered inaccessible and avoided unless and until the Client gives written notice to the Consultant that an agreement with landowner and lessee for compensation of lost crop has been made.
- No parcels where trenching is proposed will be inundated with water at the time of fieldwork.
- Trench excavations shall be limited to the current proposed ROW.
- A total of 68 trenches shall be required:
 - 20 remaining trenches (out of 101 with ROE, not inundated or inaccessible at time of Atkins' survey)
 - 8 trenches for the 25 acres of new ROW per archeological scope of work (SOW)
 - 40 additional trenches for delineation of site boundaries for 12 positive trenches per archeological SOW
- Twelve (12) positive trenches (10 known and 2 anticipated during investigations) shall be delineated with up to four (4) backhoe trenches per positive trench with documentation. The placement of the trenches within the HPAs shall be governed by conditions on the ground, aided by the results of previous investigations, and by the judgment of the project geoarcheologist. Should additional positive trenches be encountered beyond the two (2) anticipated, the Consultant reserves the right to initiate further coordination with TxDOT ENV based on preliminary results of the proposed trenching. Should these results indicate a modification in trenching intervals is necessary, those services shall be provided if required by TxDOT and the THC, under an additional supplemental scope and budget authorization.
- Up to twelve (12) archeological sites shall be recorded during the exploratory trenching.
- Fifteen (15) special samples shall be collected to assess site age of buried cultural resources encountered during investigations. Special sample analyses during the phase I survey investigation is intended to mitigate the necessity of additional phase II NRHP eligibility testing investigations and supplemental costs associated with such investigations.
- Only rare and/or diagnostic artifacts shall be collected to assess site age and significance.
- No historical archeological remains shall be identified that would require archival research to satisfy the THC requirements for assessing site age and eligibility.

- Services related to archeological monitoring or mitigation of archeological sites within the current proposed ROW that are determined eligible for inclusion in the NRHP and for which adverse effects cannot be avoided, shall be provided if required by TxDOT and the THC, under a supplemental scope and budget authorization.

f) Traffic Noise Studies

The Consultant shall perform a traffic noise analysis in accordance with the current version of TxDOT's (FHWA approved) "Guidelines for Analysis and Abatement of Roadway Traffic Noise" and comply with all noise policy, guidelines and standards found on TxDOT's Traffic Noise Toolkit website located at <http://www.txdot.gov/inside-txdot/division/environmental/compliance-toolkits.html>. **The Client shall provide the existing and predicted (future) traffic data for the design year.** The Consultant shall:

- By project location site visit, identify adjacent, land use development and photo document representative receivers that might be impacted by highway traffic noise and may benefit from feasible and reasonable noise abatement.
- Determine existing and predicted noise levels for representative receivers, as follows:
 - For transportation activities on new location, take field measurements of existing noise levels. Field measurements shall be accomplished with sound meters that meet or exceed American National Standards Institute (ANSI) S1.4-1983, Type 2.
 - For transportation activities not on new location, perform computer modeling of existing noise levels and predicted (future) noise levels.
 - Computer modeling shall be accomplished with the latest FHWA approved Traffic Noise Model (TNM) software program which must be purchased at the expense of the Consultant's Technical Expert from the software distributor.
- Identify impacted receivers in accordance with the absolute and relative impact criteria.
- Consider and evaluate all required noise abatement measures for impacted receivers in accordance with the feasible and reasonable criteria.
- Propose noise abatement measures that are both feasible and reasonable.
- Determine predicted (future) noise impact contours for transportation activities where there is adjacent undeveloped property where residential or commercial development is likely to occur.

Assumption:

- No Noise Wall Workshops are included

g) Water Resources

The Consultant shall prepare a water resource report (including wetlands). The report will:

- Address all water quality studies in accordance with Section 303(d) of the Clean Water Act as administered by the Texas Commission on Environmental Quality (TCEQ).
- Identify if the project is located within five miles of an impaired assessment unit and within the watershed of the impaired assessment unit.
- Identify whether the project could discharge the pollutant identified. If yes, discuss measures that will be taken to prevent or reduce the likelihood of such a discharge.
- Discuss the Best Management Practices that will be used particularly at the discharge point to the water body to meet other water quality regulations, such as vegetative swales, silt fencing, compliance with the Texas Pollutant Discharge Elimination System (TPDES), etc.
- Determine the impacts of the transportation activity within the floodplain of the Rio Grande and document International Boundary Water Commission (IBWC) requirements.
- Determine whether the transportation activity has the potential to affect floodplains. Studies for floodplain impacts shall fulfill the requirements of EO 11988 and 23 CFR 650, Subpart A.
- Determine the need to use stormwater permits (Section 402 of the Clean Water Act)
 - TPDES General Permit, TX 150000 – describe how the project will comply with the terms of the TPDES, including the Stormwater Pollution Prevention Plan.
 - Municipal Separate Storm Sewer System (MS4) notification – list MS4 participating municipalities.
- Determine whether the Transportation Activity requires the following permits:
 - Section 10 of the Rivers and Harbors Act (33 USC 403)
 - Section 404 of the Clean Water Act (33 USC 1344)

Waters of the United States, including Wetlands

The Consultant shall review and build upon the work previously conducted for the 2014 Wetlands Delineation report. The Consultant shall:

- Identify all waters within the boundaries of the project area.
- Provide documentation which shall include all field work and compilation of field documentation for all WOUS, including wetland delineations. Wetland delineations shall be performed in accordance with the current USACE Wetlands Delineation Manual (Technical Report Y-87-1) and, if appropriate, the Great Plains, Arid West, or Atlantic and Gulf Coastal Plain Supplement to Technical Report Y-87-1.
- Map the boundaries of the WOUS with a global positioning system (GPS) unit per guidance from the USACE-Galveston, and stake the WOUS boundaries in the field.

Section 404 Permitting

The USACE's previous jurisdictional determination identified that Donna Reservoir is a WOUS subject to regulation under Section 404 of the Clean Water Act. Current plans indicate permanent impacts to Donna Reservoir will exceed 0.5 acre and will require an Individual Permit, or a Preconstruction Notification, if impacts can be reduced below 0.5 acre.

The Consultant shall prepare an Individual Permit application or Preconstruction Notification to address impacts to WOUS. The permit information shall conform to current requirements of the USACE Galveston District and Corpus Christi Field Office. The Consultant, in consultation with the Client, shall address comments and coordinate with the USACE through permit approval.

Assumptions:

- The Consultant shall rely on delineations and GPS mapping conducted for the project in 2014-2015 and will conduct field visits to verify the previous information and collect supplemental information where needed.
- This scope and fee does not include revisiting manmade drainage ditches, irrigation canals, or other manmade features that are not expected to be WOUS.
- An Individual Permit application or Preconstruction Notification will only include detailed impact maps and USACE/agency review at Donna Reservoir.
- Field verification with the USACE or other agency is not included in this scope and fee.
- A compensatory mitigation plan is not included in this scope and fee.
- **The Client shall provide a list of adjacent landowners, addresses, and contact information for inclusion in the Individual Permit application or Preconstruction Notification.**

h) Biological Evaluation

The Consultant will complete desktop research and field surveys to complete the Biological Evaluation Form (TxDOT Environmental Online Toolkits). The form will include project information pertaining to the Endangered Species Act, Essential Fish Habitat per requirements of 50 CFR 600.920, Coastal Barrier Resources Act, Marine Mammal Protection Act, Migratory Bird Treaty Act, Bald and Golden Eagle Protection Act, Fish and Wildlife Coordination Act, EO 13112 on Invasive Species, Executive Memorandum on Beneficial Landscaping, Farmland Protection Policy Act, TPWD Coordination triggers, and the Tier I Site Assessment. Information on the EMST vegetation types will also be provided in the form. Attachments that will be submitted with the form include aerial map, USFWS T&E list, TPWD T&E list, species impact table, NDD EOID list, EMST project MOU summary table, TPWD SGCN list, NRCS soils map, and photos of the project site.

Farmland Impacts

The Consultant shall determine farmland impacts in accord with the Farmland Protection Policy Act (FPPA) (7 USC 4201 et. seq.) and the Ecological Resources Handbook (TxDOT Environmental Online Toolkit) guidance on addressing FPPA, which includes determining whether the project is exempt or completion of form AD 1006 or CPA 106 as appropriate.

Biological Surveys

The Consultant shall perform biological services inclusive of the tasks below:

- a. Surveys for Protected Species or Habitat of Protected Species based on the most current TxDOT and TPWD MOU (effective 2013). The Consultant shall:
 - Perform surveys of protected species or habitat of protected species. This shall include:
 - All species listed by the United States Fish and Wildlife Service (USFWS) as threatened or endangered or proposed for listing as threatened or endangered (50 CFR 17.11-12),
 - All species that are candidates for review for listing by USFWS as threatened or endangered (per most recently updated list in Federal Register),
 - Species listed as threatened or endangered species or species of greatest conservation need (SGCN) by the State of Texas Threatened and Endangered Species Listings, Texas Park and Wildlife Department (TPWD),
 - Species protected by the Migratory Bird Treaty Act (50 CFR 10.13) and the Bald and Golden Eagle Protection Act (16 U.S.C. 668-668c).
 - Examine existing data to determine the likelihood that rare species, protected species, their habitat, or designated critical habitat (per 50 CFR §17.94-95) could be impacted by the Transportation Activity. Existing data shall include the Element Occurrence Identification (EOID) records of the TPWD Natural Diversity Database, following the Guidelines set forth

in the most current version of TPWD's Guidelines for TXNDD Data Analysis in TxDOT Environmental Documents.

- Perform an effect determination pursuant to the Endangered Species Act (ESA) for all federally listed species. A determination of impact must be included for all state-listed species. The determination of effect and impact must be supported by evidence, and may require a detailed assessment. Any technical reports used to support the determination(s) must be referenced and provided.
- Determine whether critical habitat is present in the study area and whether the Transportation Activity will affect that critical habitat.
- Furnish the completed Biological Evaluation Form and Consultant's Technical Expert's field notes.

b. Habitat Analysis and Characterization of Project Study Area. The Consultant shall perform an analysis and characterization of habitat and habitat impacts for the study area and document findings on the Biological Evaluation Form. The habitat analysis shall be based on the most current TxDOT and TPWD MOU and associated Programmatic Agreements.

- If the vegetation within the ROW does not match the description as per the 2013 MOU or if there is an unusual difference between the vegetation in the ROW and outside the ROW, details shall be included in the description to clearly explain the differences in vegetative content between the existing vegetation and the 2013 MOU
- For transportation activities involving new ROW or easements, including temporary easements, the habitat description shall address the entire study area. If lack of access to the new location ROW limits field observation for the habitat description, existing published sources shall be used to provide an estimate. All elements of description required for projects with no new ROW (above) shall be included. Land use within and outside the proposed ROW shall be described. In addition, the description of vegetation in the new ROW or easements shall include the following:
 - Dominant Species for each vegetation stratum (i.e., tree, shrub, vine, herbaceous [grass and forbs]) present
 - Height of trees (range), if present
 - Diameter at Breast Height (DBH) of trees (range and average), if present
 - Percent canopy cover of trees, if present
 - Acreage for each vegetation type present
- The habitat analysis shall contain a description of anticipated impacts to the following:
 - Any vegetation, broken down by plant community (as above)
 - Unusual vegetation features (as above)
 - Special habitat features (as above)
 - Habitat for any protected species (as above)
 - Any other habitat feature identified by and considered to be important to TxDOT's District.

Note: The description of anticipated impacts shall be based on impacts that can be predicted due to construction activities and the kind(s) of facility proposed for the Transportation Activity (based on engineering and other data to support a description of anticipated impacts).

c. Survey Reports and Habitat Analyses included in the appendices of the Biological Evaluation Form must follow all guidelines and requirements as specified by the TxDOT Environmental Compliance Toolkits.

Assumption:

- No threatened and endangered species surveys or Section 7 consultation is included

i) Initial Assessment of Hazardous Materials Impacts

The Consultant shall perform an Initial Site Assessment (ISA) for potential hazardous materials impacts for the limits of the study area in accord with the latest version of TxDOT's Hazardous Materials ISA located in the Hazardous Materials Toolkit (<http://www.txdot.gov/inside-txdot/division/environmental/compliance-toolkits/haz-mat.html>). The Consultant shall:

- Summarize assessments previously conducted by others for the Donna Reservoir and Canal.
- Determine the potential for encountering hazardous materials in the study area, including possible environmental liability, increased handling requirements (e.g. soil or groundwater), and potential construction worker health and safety issues.
- Produce and submit a completed ISA using TxDOT's ISA Environmental Compliance Toolkit guidance format. The completed ISA shall include, when applicable, full copies of list search reports, including maps depicting locations, copies of agency file information, photographs, recommendations, and any other supporting information.
- Provide a hazardous material impacts report (based on the ISA information) discussing the known or potential hazardous materials impacts suitable for inclusion in the environmental document. The report shall include, when applicable:
 - Concise summary of relevant information gathered during the ISA, including sufficient information to show that the study area for the Transportation Activity was adequately investigated for known or potential hazardous material contamination.
 - Concise description of the scope of the hazardous materials ISA, disclosure of any limitations of the assessment, and a statement indicating who performed the assessment.
 - Concise summary of the findings of the assessment for each alternative considered, along with an opinion of the potential of an identified site to impact the project during construction.
 - Discussion of any commitments recommended for performing further investigation of suspect areas, and justification for postponement of further investigation.
 - A summary of efforts to be employed to avoid or minimize involvement with known or suspected hazardous material contamination sites during construction, and justification for not avoiding contaminated sites within the preferred alternative or corridor alignment.
 - Disclosure of known or suspected hazardous material contamination that is anticipated to be encountered during construction.
 - Discussion of any required or recommended special considerations, contingencies or provisions to handle known or suspected hazardous material contamination during ROW negotiation and acquisition, property management, design and construction.
 - Summary of any early coordination or consultation conducted with the regulatory agencies, local entities or property owners.
 - Discussion of any further hazardous materials related coordination with, and approvals or permits required from, the regulatory agencies or other entities.

Should the findings of the ISA conclude that additional investigation, special considerations, or other commitments are required during future stages of project development, the Consultant shall review those findings and commitments with the Client prior to completing the hazardous materials discussion for the environmental document.

Risk Assessment

The Consultant shall assess the risk associated with each hazardous material site located within the proposed ROW and assign a risk level. **The Client shall provide plan and profile design details at each hazardous material site location to assist in the risk assessment.**

Assumption:

- The Client shall provide summary and figures of the hazardous materials Phase I and Phase II environmental site assessments for the Donna Reservoir/Canal Hazardous Material for inclusion in the Technical Report and Draft EA.
- No additional Phase I or Phase II environmental site assessment will be required.

j) Indirect and Cumulative Impact Analyses

The Consultant shall perform an Indirect Impacts Analysis and Cumulative Impacts Analysis in accordance with TxDOT's Indirect Impacts Analysis Guidance document (July 2016) and Cumulative Impacts Analysis Guidelines (July 2016).

k) Project-level Toll Analysis

The Consultant shall prepare a project-level toll analysis technical report per *FHWA and TxDOT's Joint Guidance for Project and Network Level Environmental Justice, Regional Network Land Use, and Air Quality Analyses for Toll Roads* (April 23, 2009). The Client shall provide the necessary travel demand model (TDM) data from the Regional Toll Analysis to complete the project-level analysis. Data to include toll rates, tolling locations, EJ-related demographic data by traffic analysis zone, expected use of toll revenues, potential users of the facility using origin and destination studies identified by decreased travel time with use of the tolled facility, assumptions and limitations of any TDM used in the study. The Consultant shall summarize the findings in the EA.

Assumption:

- Since IBTC will be the second project in the HCRMA's systemwide toll network, the Client shall complete a Regional Toll Analysis to determine the effects on EJ communities.

l) Section 4(f) Evaluations

The environmental document shall discuss the Section 4(f) applicability (including Section 4(f) de minimis impacts) for this project. Section of the environmental document shall document all data necessary to address the potential use of Section 4(f) properties in accordance with 23 CFR 774. It is anticipated that Section 4(f) demiminis evaluations shall be necessary and would be completed as part of the historic resource studies as outlined in the Non-archeological Historic Resources scope above.

If an Individual or Programmatic Section 4(f) evaluations is necessary, a separate scope and budget would be required. All Section 4(f) evaluations shall meet the requirements set forth in TxDOT's Environmental Compliance Toolkit guidance.

B. PUBLIC INVOLVEMENT

Per 23 CFR §771.111, the Consultant shall perform public involvement activities in accordance with TAC, Title 43, Part 1, Chapter 2 and 36 CFR 800.2. The Consultant shall support the Client's public involvement efforts by planning for and attending one public meeting and one public hearing for the proposed project. The Consultant will provide three (3) staff members to attend the meeting and hearing to answer questions regarding environmental issues. The Consultant shall:

- Develop a Public Involvement Plan (PIP) for public involvement activities. The PIP shall specify all activities to be performed and alternatives to be discussed during public involvement activities and address the cultural and human environmental potential impacts. Public involvement activities must be carried out in compliance with EO 13166 and EO 12898. The PIP shall also discuss outreach strategies for both the general public and targeted strategies for EJ and Limited English Proficiency populations.

WORK AUTHORIZATION NO. 2
AGREEMENT FOR ENVIRONMENTAL CONSULTING SERVICES

- Compile, maintain and update a mailing list of people, agencies and organizations interested in the Transportation Activity.
- Make all arrangements for public meetings and hearings, including the site of the meetings, mailing and publishing notices, preparation of exhibits, and provision for taping or transcription of proceedings.
 - Consultant will coordinate newspaper advertisements; **Client will pay for advertisements.**
 - Consultant will coordinate and secure meeting/hearing facility; **Client will pay for facility rental.**
 - Consultant will coordinate and secure meeting/hearing court reporter; **Client will pay court reporter.**
- Prepare legal notices, exhibits, and other public meeting/hearing materials (handouts, comment forms).
- Prepare public hearing presentation.
- Mail out public meeting notices to mailing list (elected officials, adjacent property owners, and interested parties).
- Provide personnel (3 persons) to staff meetings and hearing, including staff to perform registration, make presentations, and answer questions. Staffing levels of personnel to be provided shall be identified. **Client will provide translation services.**
- Develop and submit a public meeting and hearing summary report consistent with the Environmental Compliance Toolkit. The documentation packet shall be included in the environmental document. **Client will provide Consultant with list and summaries of MAPOs, neighborhood meetings, and agency coordination that has occurred since the 2011 Local EA**
- Respond to environmental comments received during the public meeting/hearing comment period and during project development.

Deliverables:

- Public Meeting packets (assume 100 total)
- Public Meeting exhibits (assume 6 total)
- Draft Public Meeting Summary Report (three copies)
- Final Public Meeting Summary (three copies)
- Public Hearing packets (assume 100 total)
- Public Hearing exhibits (assume 6 total)
- Public Hearing Presentation
- Draft Public Hearing Summary Report (three copies)
- Final Public Hearing Summary (three copies)

C. PROJECT MANAGEMENT AND ADMINISTRATION

The Consultant shall conduct the following management activities required to complete the scope of services:

- Develop & Maintain Project Schedule (monthly updates)
- Bi-weekly Calls/General Purpose Meetings with Client
- Monthly Project Administration (Invoicing, Progress Reports, etc.)
- Monthly HCRMA Meetings (assume 4 board meetings)
- Project Workshops/Briefing (assume 2 workshop meetings)
- Organize and Maintain Technical Data File
- QA/QC

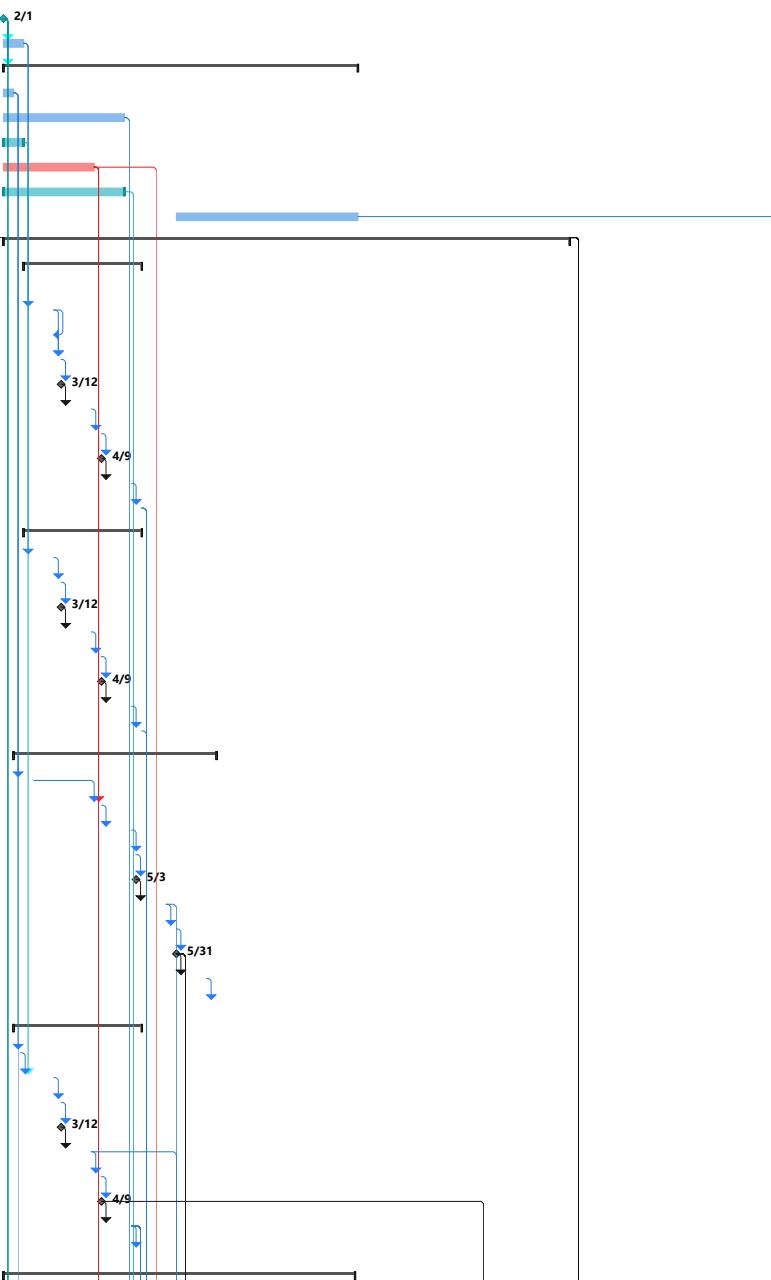
WORK AUTHORIZATION NO. 2
AGREEMENT FOR ENVIRONMENTAL CONSULTING SERVICES

- ROE coordination to identify or map outstanding priority parcels and coordinate field surveys with Client to notify property owners. **The Client shall secure permission to enter private property for purposes of environmental surveys, provide written ROE permission signed by the landowner, and coordinate all ROE with landowners prior to commencement of fieldwork.** The Consultant shall notify the Client in advance for all field activities.

Deliverables:

- Project Schedule
- Meeting Summaries/Action Items
- Monthly invoices with progress reports
- Technical Data File (electronic submittal to Client, TxDOT Pharr District and TxDOT ENV)
- ROE outstanding priority parcel map and table

EXHIBIT C WORK SCHEDULE



Project: HCRMA IBTC Date: Thu 1/11/18	Task	Summary	Inactive Milestone	Duration-only	Start-only	External Milestone	Critical Split
	Split	Project Summary	Inactive Summary	Manual Summary Rollup	Finish-only	Deadline	Progress
	Milestone	Inactive Task	Manual Task	Manual Summary	External Tasks	Critical	Manual Progress

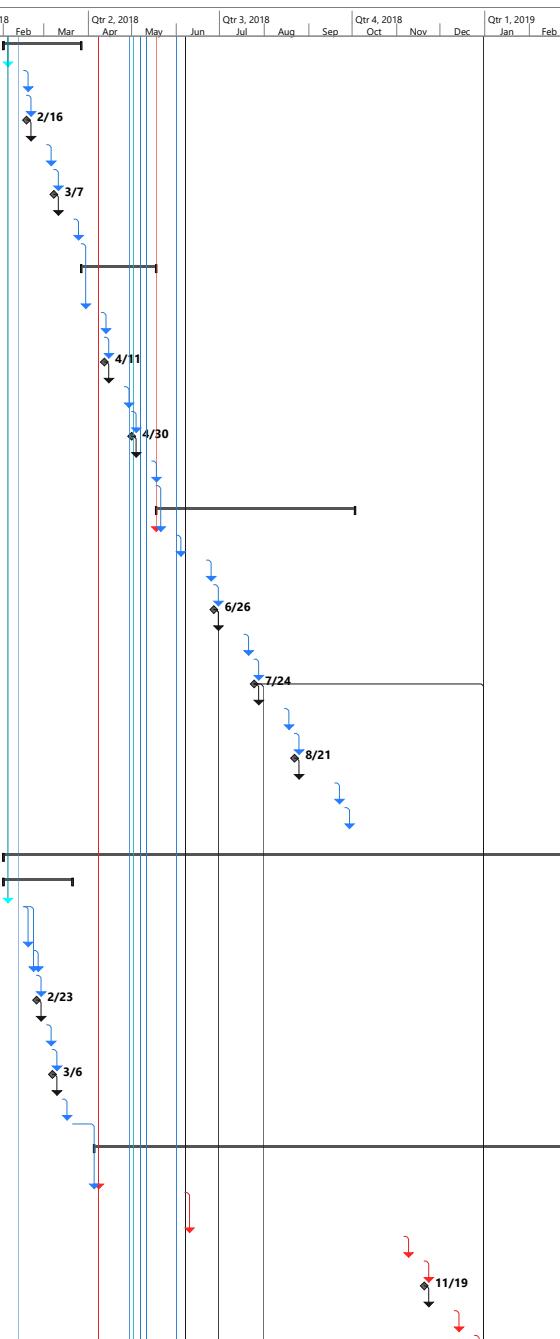
EXHIBIT C WORK SCHEDULE

The Gantt chart displays the following tasks and their timelines:

- Historic Resources PCR (Tasks 53-61):**
 - Starts: Thu 2/1/18
 - Ends: Mon 3/26/18
 - Includes: Prepare PCR, QA/QC, Submit to District, District review, Respond to comments, ENV review, and Respond to comments & finalize.
- Historic Resources Research Design (Tasks 62-70):**
 - Starts: Tue 3/27/18
 - Ends: Thu 5/17/18
 - Includes: Prepare Research Design, QA/QC, Submit to District, District review, Respond to comments, ENV review, and Respond to comments & finalize.
- Historic Resources Survey Report (Tasks 71-79):**
 - Starts: Fri 5/18/18
 - Ends: Tue 10/2/18
 - Includes: Reconnaissance Survey, Prepare Survey Report, QA/QC, Submit to District, District review, Respond to comments, ENV review, and Respond to comments & finalize.
- Archaeological Resources (Tasks 80-88):**
 - Starts: Wed 8/15/18
 - Ends: Tue 8/21/18
 - Includes: Respond to comments & finalize, Submit to THC, THC review, Respond to comments & finalize, and THC Issues Concurrence.
- Archaeological Resources Survey Report (Tasks 89-97):**
 - Starts: Thu 2/1/18
 - Ends: Thu 2/28/19
 - Includes: Research Design, Transfer Antiquities Permit & Collection, Amend Research Design, QA/QC, Submit to District, District review, Respond to comments, Submit to ENV, ENV review, Respond to comments & finalize, and Pedestrian Survey & Trenching.
- Archaeological Resources Survey Report (Tasks 98-102):**
 - Starts: Thu 4/5/18
 - Ends: Thu 2/28/19
 - Includes: Prepare Survey Report, QA/QC, Submit to District, District review, Respond to comments, and Pedestrian Survey & Trenching.

Key milestones and review periods marked on the timeline include:

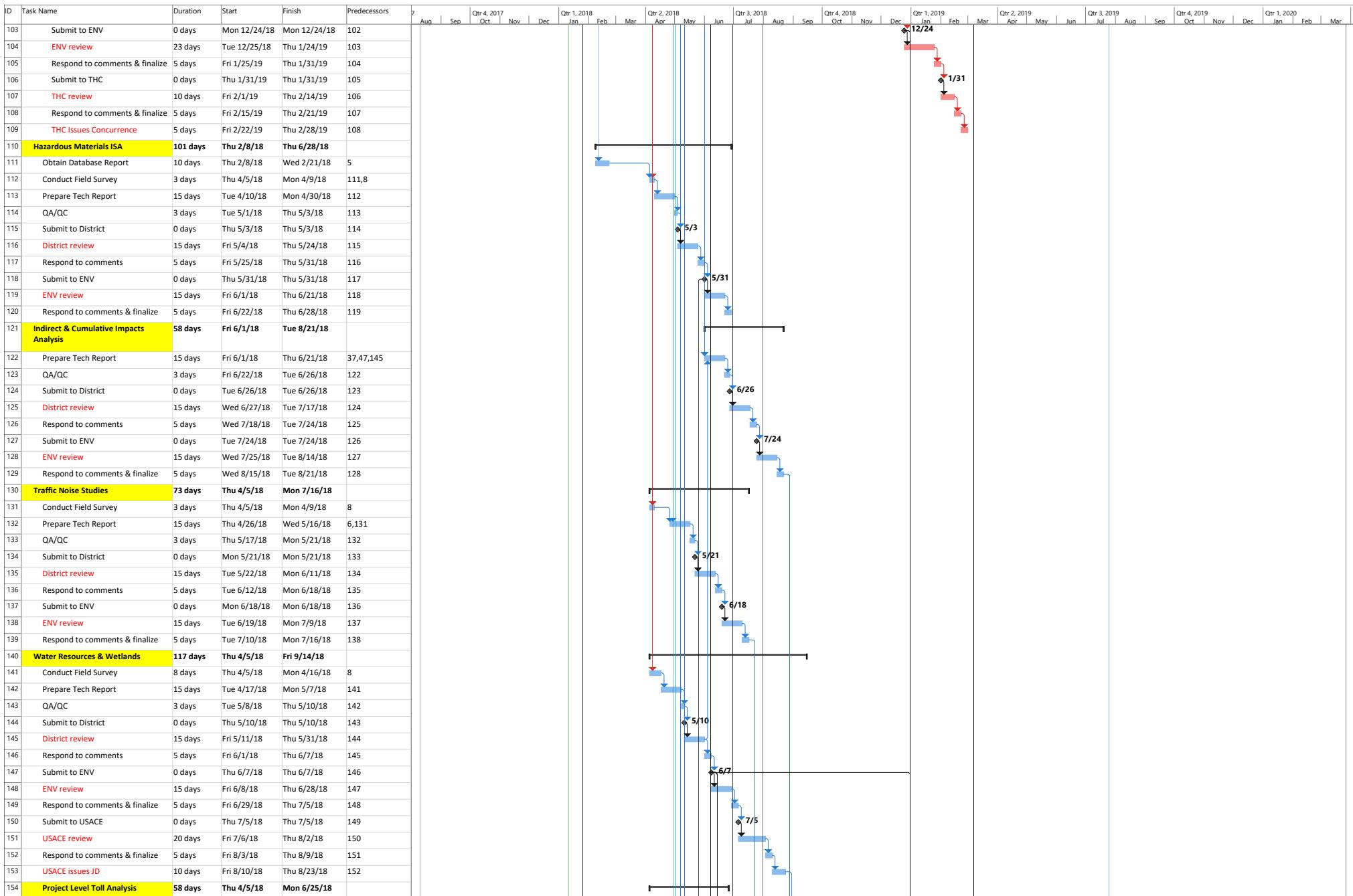
- 2/16, 3/7, 4/11, 4/30, 6/26, 7/24, 8/21, 2/23, 3/6, 11/19.
- Red vertical lines and arrows indicate specific review periods or dependencies between tasks.



Project: HCRMA IBTC	Task	Summary	Inactive Milestone	Duration-only	Start-only	External Milestone	Critical Split
Date: Thu 1/11/18	Split	Project Summary	Inactive Summary	Manual Summary Rollup	Finish-only	Deadline	Progress
	Milestone	Inactive Task	Manual Task	Manual Summary	External Tasks	Critical	Manual Progress

EXHIBIT C

WORK SCHEDULE



Project: HCRMA IBTC
Date: Thu 1/11/18

EXHIBIT C

WORK SCHEDULE

ID	Task Name	Duration	Start	Finish	Predecessors	7 Aug	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	Jan	Feb	Mar		
155	Prepare Tech Report	15 days	Thu 4/5/18	Wed 4/25/18	9FF																																		
156	QA/QC	3 days	Thu 4/26/18	Mon 4/30/18	155																																		
157	Submit to District	0 days	Mon 4/30/18	Mon 4/30/18	156																																		
158	District review	15 days	Tue 5/1/18	Mon 5/21/18	157																																		
159	Respond to comments	5 days	Tue 5/22/18	Mon 5/28/18	158																																		
160	Submit to ENV	0 days	Mon 5/28/18	Mon 5/28/18	159																																		
161	ENV review	15 days	Tue 5/29/18	Mon 6/18/18	160																																		
162	Respond to comments & finalize	5 days	Tue 6/19/18	Mon 6/25/18	161																																		
163	Section 4(f) Evaluation	58 days	Wed 6/27/18	Fri 9/14/18																																			
164	Prepare Documentation	15 days	Wed 6/27/18	Tue 7/17/18	75																																		
165	QA/QC	3 days	Wed 7/18/18	Fri 7/20/18	164																																		
166	Submit to District	0 days	Fri 7/20/18	Fri 7/20/18	165																																		
167	District review	15 days	Mon 7/23/18	Fri 8/10/18	166																																		
168	Respond to comments	5 days	Mon 8/13/18	Fri 8/17/18	167																																		
169	Submit to ENV	0 days	Fri 8/17/18	Fri 8/17/18	168																																		
170	ENV review	15 days	Mon 8/20/18	Fri 9/7/18	169																																		
171	Respond to comments & finalize	5 days	Mon 9/10/18	Fri 9/14/18	170																																		
172	ENVIRONMENTAL DOCUMENT	561 days	Thu 2/1/18	Thu 3/26/20																																			
173	Preliminary Draft EA	281 days	Thu 2/1/18	Thu 2/28/19																																			
174	1.0 Introduction	5 days	Tue 5/8/18	Mon 5/14/18	21																																		
175	2.0 Project Description	10 days	Tue 5/8/18	Mon 5/21/18	21																																		
176	3.0 Purpose and Need	10 days	Tue 5/8/18	Mon 5/14/18	21																																		
177	4.0 Alternatives	10 days	Tue 5/8/18	Mon 5/21/18	30																																		
178	5.0 Affected Environment and Environmental Consequences	281 days	Thu 2/1/18	Thu 2/28/19																																			
179	5.X Issues Eliminated from Analysis	5 days	Tue 4/24/18	Mon 4/30/18	50FF																																		
180	5.1 Right-of-Way/Displacements	10 days	Tue 4/17/18	Mon 4/30/18	50FF																																		
181	5.2 Land Use	10 days	Tue 4/17/18	Mon 4/30/18	50FF																																		
182	5.3 Farmlands	10 days	Tue 4/17/18	Mon 4/30/18	50FF																																		
183	5.4 Utilities/Emergency Services	10 days	Tue 4/17/18	Mon 4/30/18	50FF																																		
184	5.5 Bicycle and Pedestrian Facilities	10 days	Tue 4/17/18	Mon 4/30/18	50FF																																		
185	5.6 Community Impacts	10 days	Tue 4/17/18	Mon 4/30/18																																			
186	5.6.1 Environmental Justice	10 days	Tue 4/17/18	Mon 4/30/18	50FF																																		
187	5.6.2 Project Level Toll Analysis	10 days	Tue 4/17/18	Mon 4/30/18	50FF																																		
188	5.6.3 Limited English Proficiency	10 days	Tue 4/17/18	Mon 4/30/18	50FF																																		
189	5.7 Visual/Aesthetics Impacts	10 days	Tue 4/17/18	Mon 4/30/18	50FF																																		
190	5.8 Cultural Resources	119 days	Wed 7/11/18	Mon 12/24/18																																			
191	5.8.1 Archeology	10 days	Tue 12/11/18	Mon 12/24/18	103FF																																		
192	5.8.2 Historic Properties	10 days	Wed 7/11/18	Tue 7/24/18	78FF																																		
193	5.9 DOT Act Section 4(f), LWCF Act Section 6(f) and PWC Chapter 26	10 days	Tue 12/11/18	Mon 12/24/18	78FF,147FF,103FF																																		
194	5.10 Water Resources	65 days	Fri 5/25/18	Thu 8/23/18																																			
195	5.10.1 Clean Water Act Section	10 days	Fri 5/10/18	Thu 8/23/18	153FF																																		
196	5.10.2 Clean Water Act Section	10 days	Fri 5/25/18	Thu 6/7/18	147FF																																		
197	5.10.3 Executive Order 11990 Wetlands	10 days	Fri 5/25/18	Thu 6/7/18	147FF																																		
198	5.10.4 Rivers and Harbors Act	10 days	Fri 5/25/18	Thu 6/7/18	147FF																																		
199	5.10.5 Clean Water Act Section	10 days	Fri 5/25/18	Thu 6/7/18	147FF																																		
200	5.10.6 Clean Water Act Section	10 days	Fri 5/25/18	Thu 6/7/18	147FF																																		
201	5.10.7 Floodplains	10 days	Fri 5/25/18	Thu 6/7/18	147FF																																		
202	5.10.8 Wild and Scenic Rivers	10 days	Fri 5/25/18	Thu 6/7/18	147FF																																		
203	5.10.9 Coastal Barrier Resource	10 days	Fri 5/25/18	Thu 6/7/18	147FF																																		
204	5.10.11 Drinking Water System	10 days	Fri 5/25/18	Thu 6/7/18	147FF																																		

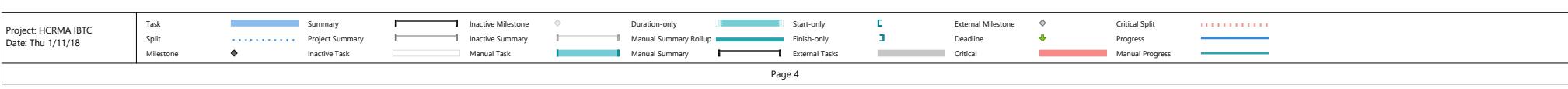
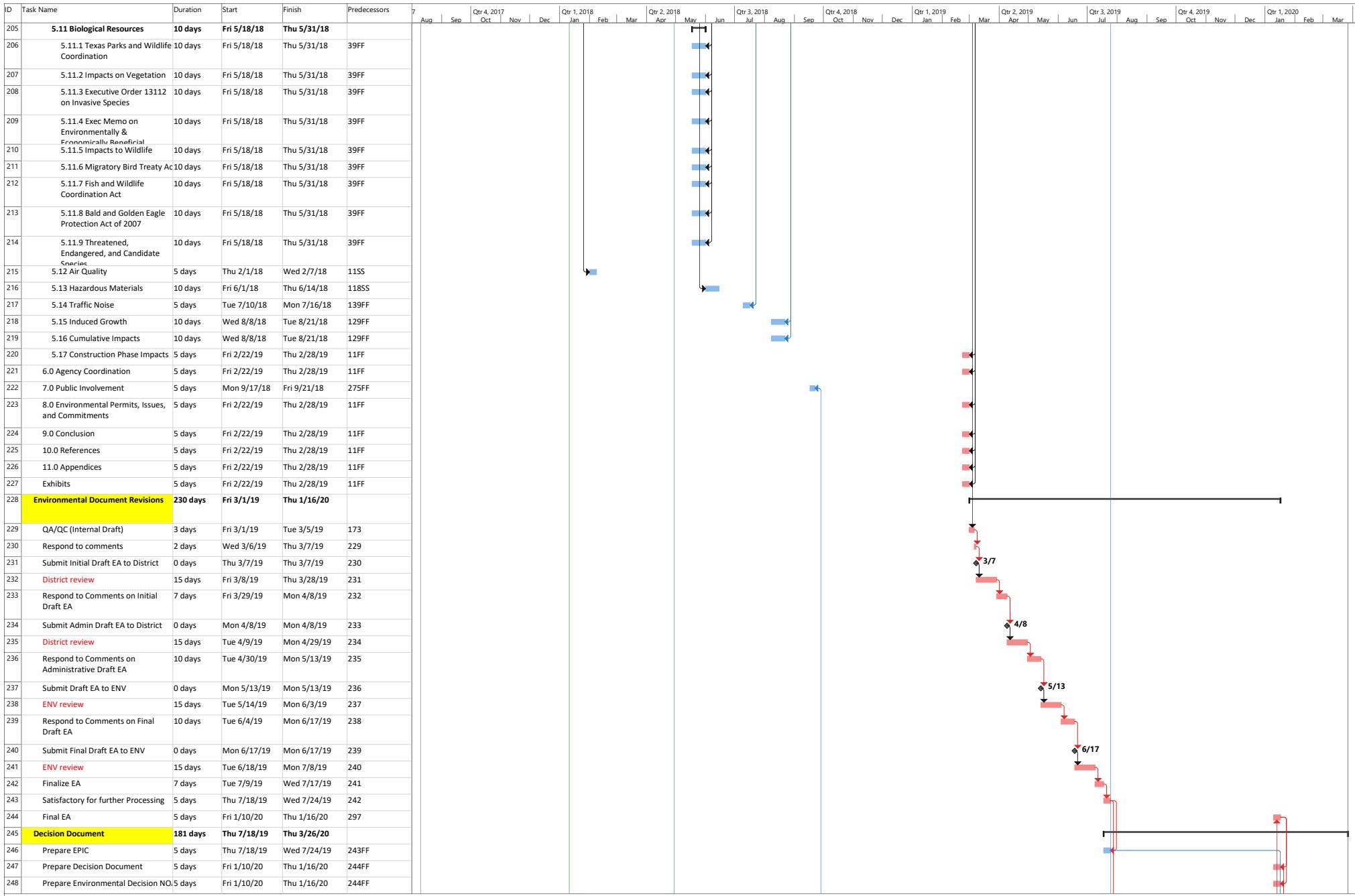


EXHIBIT C

WORK SCHEDULE



Project: HCRMA IBTC Date: Thu 1/11/18	Task Split Milestone	Summary Project Summary	Inactive Milestone	Duration-only Manual Task	Start-only Manual Task	External Milestone	Critical Split

EXHIBIT C

WORK SCHEDULE

Project Gantt Chart showing tasks and their timeline from 2018 to 2020.

Legend:

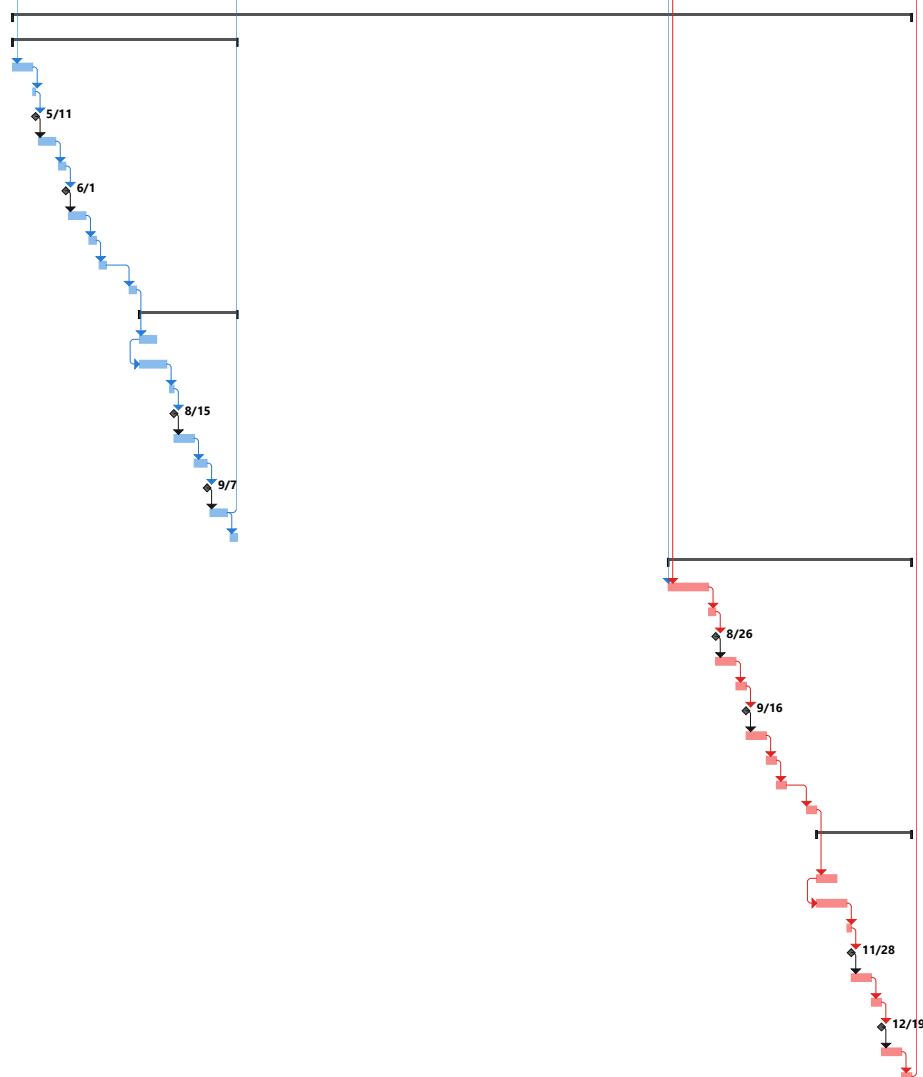
- Yellow Boxes:** Public Meeting, Public Hearing, Public Hearing Summary Report.
- Red Boxes:** Comment Period, Prepare PHSR, QA/QC, Submit to District, District review, ENV review, Respond to comments, Submit to ENV.
- Blue Boxes:** Prepare Material, Advertise, Hold Public Meeting, Public Meeting #1 Summary Report, Comment Period, Prepare PMSR, QA/QC, Submit to District, District review, ENV review, Respond to comments & finalize, Attend Public Hearing.
- Black Boxes:** None.

Key Dates:

- 2018: Qtr 4 (Oct 1 to Dec 31), Qtr 1 (Jan 1 to Mar 31), Qtr 2 (Apr 1 to Jun 30), Qtr 3 (Jul 1 to Sep 30), Qtr 4 (Oct 1 to Dec 31).
- 2019: Qtr 1 (Jan 1 to Mar 31), Qtr 2 (Apr 1 to Jun 30), Qtr 3 (Jul 1 to Sep 30), Qtr 4 (Oct 1 to Dec 31).
- 2020: Qtr 1 (Jan 1 to Mar 31), Qtr 2 (Apr 1 to Jun 30), Qtr 3 (Jul 1 to Sep 30), Qtr 4 (Oct 1 to Dec 31).

Timeline:

- Phase 1 (2018):** Starts with a yellow box (Public Meeting) on 4/26/18, followed by a series of blue boxes (Prepare Material, Advertise, Hold Public Meeting, Public Meeting #1 Summary Report) leading to a yellow box (Public Hearing) on 7/25/19.
- Phase 2 (2019):** Follows the yellow box (Public Hearing) on 7/25/19, with a series of blue boxes (Comment Period, Prepare PMSR, QA/QC, Submit to District, District review, ENV review, Respond to comments & finalize) leading to a yellow box (Public Hearing Summary Report) on 11/5/19.
- Phase 3 (2020):** Follows the yellow box (Public Hearing Summary Report) on 11/5/19, with a series of red boxes (Comment Period, Prepare PHSR, QA/QC, Submit to District, District review, ENV review, Respond to comments, Submit to ENV) leading to a final red box (Attend Public Hearing) on 1/3/20.



Project: HCRMA IBTC
Date: Thu 1/11/18

Task Summary Inactive Milestone Duration-only Start-only External Milestone Critical Split

Split Project Summary Inactive Summary Manual Summary Rollup Finish-only Deadline Progress

Milestone Inactive Task Manual Task Manual Summary External Tasks Critical Manual Progress

EXHIBIT 'D'
Fee Schedule/Budget
Hidalgo County Regional Mobility Authority (HCRMA)
ENVIRONMENTAL SERVICES ASSOCIATED WITH THE TXDOT ENVIRONMENTAL CLEARANCE OF THE INTERNATIONAL BRIDGE TRADE CORRIDOR

Subconsultant: Blanton & Associates

Schedule Duration:

PROGRAM MANAGEMENT SERVICES DESCRIPTION	Project Manager	Env Planner III	Env Planner I/II	Env Specialist	Biologist	Senior Arch	Arch I/II	Senior Field Tech	Senior Historian	Historian	GIS	Admin Assistant	Total Labor Hrs.	Task Cost
A. SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES														
PRELIMINARY DRAFT EA (EA CONTENT)														
1.0 Introduction		1	2										3	\$ 329.60
2.0 Project Description	1	1	2								2		6	\$ 690.62
3.0 Purpose and Need	1	1	2										4	\$ 494.92
4.0 Alternatives Analysis	1	2	2								2		7	\$ 814.22
5.0 Affected Environment and Environmental Consequences														\$ -
5.1X Issues Eliminated from Analyses		2											2	\$ 247.20
5.1 Right-of-Way/Displacements		2									2		4	\$ 442.90
5.2 Land Use		2									2		4	\$ 442.90
5.3 Farmlands		4			8						4		16	\$ 1,709.80
5.4 Utilities/Emergency Services		4									2		6	\$ 690.10
5.5 Bicycle and Pedestrian Facilities		2											2	\$ 247.20
5.6 Community Impacts		2											2	\$ 247.20
5.6.1 Environmental Justice		2											2	\$ 247.20
5.6.2 Project Level Toll Analysis		2	6								2		10	\$ 1,060.90
5.6.3 Limited English Proficiency				1									1	\$ 92.70
5.7 Visual/Aesthetics Impacts		2	8								4		14	\$ 1,462.60
5.8 Cultural Resources													0	\$ -
5.8.1 Archeology							8						8	\$ 906.40
5.8.2 Historic Properties									8		2		10	\$ 1,184.50
5.9 DOT Act Section 4(f), LWCF Act Section 6(f) and PWC Chapter 26		1		2					1				4	\$ 432.60
5.10 Water Resources													0	\$ -
5.10.1 Clean Water Act Section 404		1			4						2		7	\$ 731.30
5.10.2 Clean Water Act Section 401		1			2								3	\$ 329.60
5.10.3 Executive Order 11990 Wetlands		1			4								5	\$ 535.60
5.10.4 Rivers and Harbors Act					1								1	\$ 103.00
5.10.5 Clean Water Act Section 303(d)					2								2	\$ 206.00
5.10.6 Clean Water Act Section 402					2								2	\$ 206.00
5.10.7 Floodplains		4			4						4	2	14	\$ 1,452.30
5.10.8 Wild and Scenic Rivers					1								1	\$ 103.00
5.10.9 Coastal Barrier Resources					1								1	\$ 103.00
5.10.10 International Boundary and Water Commission	2	6				2							10	\$ 1,298.84
5.10.11 Drinking Water Systems				2							2		4	\$ 381.10
5.11 Biological Resources														\$ -
5.11.1 Texas Parks and Wildlife Coordination				2									2	\$ 185.40
5.11.2 Impacts on Vegetation				1							2		3	\$ 288.40
5.11.3 Executive Order 13112 on Invasive Species					1								1	\$ 103.00
5.11.4 Exec Memo on Environmentally & Economically Beneficial Landscaping					1								1	\$ 103.00
5.11.5 Impacts to Wildlife				2	4						2		8	\$ 793.10
5.11.6 Migratory Bird Treaty Act					1								1	\$ 103.00
5.11.7 Fish and Wildlife Coordination Act					1								1	\$ 103.00
5.11.8 Bald and Golden Eagle Protection Act of 2007					1								1	\$ 103.00
5.11.9 Threatened, Endangered, and Candidate Species				2	4						2		8	\$ 793.10
5.12 Air Quality (qualitative MSAT analysis)		6											6	\$ 741.60
5.13 Hazardous Materials		2	10								4		16	\$ 1,668.60
5.14 Traffic Noise				4							4		8	\$ 762.20
5.15 Induced Growth			2										2	\$ 206.00
5.16 Cumulative Impacts			2										2	\$ 206.00
5.17 Construction Phase Impacts		1		1									2	\$ 216.30
6.0 Agency Coordination		1		2	1	1			1				6	\$ 648.90
7.0 Public Involvement	1			4									5	\$ 536.12
8.0 Environmental Permits, Issues, and Commitments	1	2			6						2		11	\$ 1,185.02
9.0 Conclusion		1		1									2	\$ 216.30

PROGRAM MANAGEMENT SERVICES DESCRIPTION	Project Manager	Env Planner III	Env Planner I/II	Env Specialist	Biologist	Senior Arch	Arch I/II	Senior Field Tech	Senior Historian	Historian	GIS	Admin Assistant	Total Labor Hrs.	Task Cost
10.0 References				24								16	40	\$ 3,460.80
11.0 Appendices				4								2	6	\$ 525.30
Exhibits											8		8	\$ 782.80
QA/QC (Internal Draft)	8	8										4	20	\$ 2,620.36
ENVIRONMENTAL DOCUMENT REVISIONS														
Respond to District's Comments on Preliminary Draft EA	8	40	20		8						16	6	98	\$ 11,179.66
Respond to ENV's Comments on Administrative Draft EA	8	20	8		8						8	6	58	\$ 6,688.86
Respond to Comments on Final Draft EA (for Public Hearing)	4	20	8		4						4	4	44	\$ 5,069.68
Finalize EA	4	12	4		4							4	28	\$ 3,277.48
DECISION DOCUMENT														
Prepare EPIC	2	4	2		4	4			4		4		24	\$ 2,782.04
Prepare Decision Document	1	6	4			2						1	14	\$ 1,622.77
Prepare Environmental Decision NOA		1	1										2	\$ 226.60
TECHNICAL REPORTS														
a) Project Description (including Purpose & Need)														
Prepare Draft		12		24							24	2	62	\$ 6,210.90
QA/QC	4												4	\$ 661.28
Respond to TxDOT Comments #1	2			6							4		12	\$ 1,278.24
Respond to TxDOT Comments #2	2			8							4		14	\$ 1,463.64
Finalize	1			3							2	2	8	\$ 793.62
b) Alternatives Analysis														
Prepare Draft		12		24							20	2	58	\$ 5,819.50
QA/QC	4												4	\$ 661.28
Respond to TxDOT Comments #1	1	2		6							4		13	\$ 1,360.12
Respond to TxDOT Comments #2	1	2		8							4		15	\$ 1,545.52
Finalize	1			4							2	2	9	\$ 886.32
c) Community Impacts Analysis														
Field Survey			16										16	\$ 1,648.00
Relocation Analysis	4	8	8										20	\$ 2,474.08
Prepare Draft		4	24								16	4	48	\$ 4,841.00
QA/QC	4												4	\$ 661.28
Respond to TxDOT Comments #1		1	6									1	8	\$ 818.85
Respond to TxDOT Comments #2		1	6									4	11	\$ 1,050.60
Finalize	1											1	2	\$ 242.57
d) Non-archeological Historic Resources														
Historic Resources PCR														
Prepare PCR									8	24	4	2	38	\$ 3,759.50
QA/QC	2											2	4	\$ 485.14
Respond to TxDOT Comments #1	1							4	4	2	2		13	\$ 1,380.72
Respond to TxDOT Comments #2								2	4	2	2		10	\$ 968.20
Historic Resources Survey Report (HRSR)														
Historic Resources Reconnaissance Survey								68	68	16	2		154	\$ 16,428.50
Prepare HRSR								40	115	68	24		247	\$ 24,112.30
QA/QC	4										2		6	\$ 815.78
Respond to TxDOT Comments #1	1							16	32	12	4		65	\$ 6,592.52
Respond to TxDOT Comments #2	1							4	4	10	2		21	\$ 2,163.52

PROGRAM MANAGEMENT SERVICES DESCRIPTION	Project Manager	Env Planner III	Env Planner I/II	Env Specialist	Biologist	Senior Arch	Arch I/II	Senior Field Tech	Senior Historian	Historian	GIS	Admin Assistant	Total Labor Hrs.	Task Cost
Respond to THC Comments									4			2	6	\$ 648.90
e) Archeological Resources														
Transfer of Archeological Antiquities Permit from Atkins to Blanton	2					40					2		44	\$ 5,058.34
Field Survey	4					72	380	144			24		624	\$ 55,828.08
Prepare Draft Survey Report							294	202			64	24	584	\$ 51,067.40
QA/QC	4											2	6	\$ 815.78
Respond to TxDOT Comments #1	2							24			8	8	42	\$ 3,956.24
Respond to TxDOT Comments #2	2							24			8	8	42	\$ 3,956.24
Respond to THC Comments								8			4	4	16	\$ 1,442.00
Curation						40		160			16		216	\$ 20,929.60
f) Traffic Noise Studies														
Field Measurements				16							24		40	\$ 3,996.40
Prepare Draft				48							24	4	76	\$ 7,601.40
QA/QC	4										4		8	\$ 1,052.68
Respond to TxDOT Comments #1			6								2		8	\$ 937.30
Respond to TxDOT Comments #2			8								2		10	\$ 1,184.50
Finalize	1	2									1	1	5	\$ 587.62
g) Water Resources														
WOUS/Wetlands Delineation														\$ -
Field Survey					8	40		40			18	1	107	\$ 10,408.15
Prepare Draft					8	16		32			26	4	86	\$ 8,209.10
QA/QC	2				4							1	7	\$ 778.69
Respond to TxDOT Comments #1					4	8					2	2	16	\$ 1,545.00
Respond to TxDOT Comments #2					4	8					4	2	18	\$ 1,740.70
Finalize					1	1					1	1	4	\$ 370.80
Section 404 Permitting														\$ -
Prepare Draft PCN/IP Application					4	16		24			18	4	66	\$ 6,313.90
QA/QC	2				4							1	7	\$ 778.69
Respond to TxDOT Comments #1					4	4						2	10	\$ 937.30
Respond to TxDOT Comments #2					2	8						2	12	\$ 1,163.90
Finalize					1	1						1	3	\$ 272.95
Respond to USACE Comments					2	8					10	1	21	\$ 2,065.15
Respond to Public/Agency Comments					2	8					6	1	17	\$ 1,673.75
h) Biological Evaluation														
Field Survey						24		24			8		56	\$ 5,479.60
Prepare Draft					8	16					24	4	52	\$ 5,047.00
QA/QC	2	4									4		10	\$ 1,216.44
Respond to TxDOT Comments #1					2	6					2		10	\$ 999.10
Respond to TxDOT Comments #2					4	8					2		14	\$ 1,390.50
Finalize	1				4							1	6	\$ 654.57
i) Hazardous Materials ISA														
Field Survey					16								16	\$ 1,483.20
Prepare Draft			10	52							24	4	90	\$ 9,249.40
QA/QC	2											2		\$ 330.64

PROGRAM MANAGEMENT SERVICES DESCRIPTION	Project Manager	Env Planner III	Env Planner I/II	Env Specialist	Biologist	Senior Arch	Arch I/II	Senior Field Tech	Senior Historian	Historian	GIS	Admin Assistant	Total Labor Hrs.	Task Cost
Respond to TxDOT Comments #1		2		4									6	\$ 618.00
Respond to TxDOT Comments #2		2		4									6	\$ 618.00
Finalize	1			3								1	5	\$ 520.67
j) Indirect & Cumulative Impacts Analysis														
Prepare Draft		8	40		8						32		88	\$ 9,064.00
QA/QC	4	4										4	12	\$ 1,464.68
Respond to TxDOT Comments #1		2	2	8	2						4		18	\$ 1,792.20
Respond to TxDOT Comments #2			2	2	8	2					4		18	\$ 1,792.20
Finalize	1	1	1	2	1							1	7	\$ 757.57
k) Project Level Toll Analysis														
Prepare Draft		8	32								24	4	68	\$ 6,942.20
QA/QC	4												4	\$ 661.28
Respond to TxDOT Comments #1		2		8							4		14	\$ 1,380.20
Respond to TxDOT Comments #2			2		8						4		14	\$ 1,380.20
Finalize	1			4								1	6	\$ 613.37
l) Section 4(f) Documentation Package														
Prepare Draft	4		8						4	16	24	16	72	\$ 7,047.28
Respond to comments and finalize	2			4					8		4		18	\$ 2,122.84
B. PUBLIC INVOLVEMENT														
PUBLIC MEETING														
Develop Public Involvement Plan (PIP)	4	8	4	8								4	28	\$ 3,112.68
Compile Mailing List			4	4	12						12	2	34	\$ 3,347.50
Arrangements for Facility Rental													0	\$ -
Prepare and mail Legal Notices	2		2	6								8	18	\$ 1,710.84
Arrangement for Court Reporter & Translator Services													0	\$ -
Develop Public Meeting Materials (Exhibits & Constraints Map)	8	32									24		64	\$ 7,626.16
Develop Public Meeting Materials (handouts)	2	10									4	4	20	\$ 2,267.04
Public Meeting Coordination w/ TxDOT	6	18											24	\$ 3,216.72
Attendance (3 persons) at Public Meeting	16		16					16					48	\$ 6,270.72
Public Meeting Summary Report													0	\$ -
Prepare Draft	4			48								8	60	\$ 5,728.88
QA/QC													0	\$ -
Respond to TxDOT Comments #1	2			8							2		12	\$ 1,267.94
Respond to TxDOT Comments #2	2			12									14	\$ 1,443.04
Finalize	1			2								2	5	\$ 505.22
PUBLIC HEARING														
Arrangements for Facility Rental													0	\$ -
Prepare and mail Legal Notices	2	8										8	18	\$ 1,937.44
Arrangement for Court Reporter & Translator Services													0	\$ -
Develop Public Hearing Materials (Exhibits & Presentation)	16	42									24		82	\$ 10,184.72
Develop Public Hearing Materials (handouts)	2	8										4	14	\$ 1,628.44
Public Hearing Coordination with TxDOT	8	12											20	\$ 2,805.76
Attendance (3 persons) at Public Hearing	16		16					16					48	\$ 6,270.72
Public Hearing Summary Report														

PROGRAM MANAGEMENT SERVICES DESCRIPTION	Project Manager	Env Planner III	Env Planner I/II	Env Specialist	Biologist	Senior Arch	Arch I/II	Senior Field Tech	Senior Historian	Historian	GIS	Admin Assistant	Total Labor Hrs.	Task Cost
Prepare Draft	4			48								8	60	\$ 5,728.88
QA/QC													0	\$ -
Respond to TxDOT Comments #1	2			8									10	\$ 1,072.24
Respond to TxDOT Comments #2	2			12									14	\$ 1,443.04
Finalize	1			2								2	5	\$ 505.22
C. PROJECT MANAGEMENT & ADMINISTRATION														
Develop & Maintain Schedule (Monthly updates)	24					4			4				32	\$ 4,915.28
Bi-weekly Calls/General Purpose Meetings with HCRMA	45		45										90	\$ 12,074.40
Monthly Project Administration (Invoicing, Progress Reports, etc.)	36											27	63	\$ 8,037.27
Monthly HCRMA Meetings (assume 4 board meetings)	64												64	\$ 10,580.48
Organize and Maintain Technical Data File	4		32		12	8			8		10	80	154	\$ 14,246.98
Right-of-entry Coordination	4	4	16		24						8		56	\$ 6,058.48
<i>Subtotal</i>	398	418	483	428	302	181	674	682	216	267	794	376	5,219	\$ 535,446.46
LABOR MANHOURS TOTAL	398	418	483	428	302	181	674	682	216	267	794	376	5,219	
LABOR RATE PER HOUR (FY 2018)	\$ 165.32	\$ 123.60	\$ 103.00	\$ 92.70	\$ 103.00	\$ 113.30	\$ 82.40	\$ 92.70	\$ 123.60	\$ 92.70	\$ 97.85	\$ 77.25		
TOTAL DIRECT LABOR COSTS	\$ 65,797.36	\$ 51,664.80	\$ 49,749.00	\$ 39,675.60	\$ 31,106.00	\$ 20,507.30	\$ 55,537.60	\$ 63,221.40	\$ 26,697.60	\$ 24,750.90	\$ 77,692.90	\$ 29,046.00	\$ 535,446.46	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON FEE)	12.29%	9.65%	9.29%	7.41%	5.81%	3.83%	10.37%	11.81%	4.99%	4.62%	14.51%	5.42%	100.00%	
PERCENT LABOR UTILIZATION FOR TOTAL PROJECT (BASED ON MANHOUR)	7.63%	8.01%	9.25%	8.20%	5.79%	3.47%	12.91%	13.07%	4.14%	5.12%	15.21%	7.20%	100.00%	
TOTAL DIRECT LABOR COST														\$ 535,446.46
TOTAL DIRECT EXPENSES														\$ 166,629.48
GRAND TOTAL														\$ 702,075.94

EXHIBIT 'D'
Fee Schedule/Budget
Hidalgo County Regional Mobility Authority (HCRMA)

**ENVIRONMENTAL SERVICES ASSOCIATED WITH THE TXDOT ENVIRONMENTAL CLEARANCE OF THE
INTERNATIONAL BRIDGE TRADE CORRIDOR**

Subconsultant: Blanton & Associates

Schedule Duration:

DIRECT EXPENSES	Rate	Unit	Amount	Total
Lodging / Hotel (\$100.00 / DAY with taxes)	\$ 100.00	Each	84	\$ 8,400.00
Meals (\$36.00 / DAY)	\$ 36.00	Each	121	\$ 4,356.00
Rental Car	\$ 70.00	Each	37	\$ 2,590.00
Air Travel	\$ 350.00	Each	18	\$ 6,300.00
Parking	\$ 10.00	Each	46	\$ 460.00
Mileage	\$ 0.54	Each	5,200	\$ 2,808.00
Fuel for Rental Car	\$ 20.00	Day	37	\$ 740.00
Photocopies B/W (8.5 X 11)	\$ 0.10	Each	14,715	\$ 1,471.50
Photocopies B/W (11 X 17)	\$ 0.20	Each	1,466	\$ 293.10
Photocopies Color (8.5 X 11)	\$ 0.70	Each	4,114	\$ 2,879.63
Photocopies Color (11 X 17)	\$ 1.25	Each	2,941	\$ 3,676.25
Plots (Color on Photographic Paper)	\$ 4.00	Each	140	\$ 560.00
Color Graphics on Foam Board	\$ 5.00	Each	12	\$ 60.00
Presentation Boards 30" X 40" Color Mounted	\$ 100.00	Each	12	\$ 1,200.00
4" X 6" Digital Color Print	\$ 0.30	Each	0	\$ -
Hazmat Database Report	\$ 1,250.00	Each	1	\$ 1,250.00
Noise Meter Rental	\$ 650.00	Each	1	\$ 650.00
Newspaper Advertisements		Each	0	\$ -
Public Meeting/Hearing Facility Rental		Day	0	\$ -
Public Meeting/Hearing Material		Each	0	\$ -
Court Reporter	\$ 500.00	Each	0	\$ -
GPS	\$ 50.00	Day	8	\$ 400.00
Mailings/Postage	\$ 0.49	Each	1,000	\$ 490.00
Overnight Delivery Services	\$ 15.00	Each	61	\$ 920.00
Historic Aerial Photography	\$ 500.00	At Cost	1	\$ 500.00
Rental Truck	\$ 120.00	Each	50	\$ 6,000.00
Fuel for Rental Truck	\$ 40.00	Each	50	\$ 2,000.00
Curation and Site Recording (TARL FY2015-2016 Records and up to 14 C-14 samples per SOW)-1 drawer @ \$3,270 + 1/3 shelf bulk collection @\$650	\$ 4,000.00	Each	1	\$ 4,000.00
Radiocarbon Samples	\$ 600.00	Each	10	\$ 6,000.00
Geoarcheologist (19 days of trenching + 6 travel days + mileage + lodging + meals + writeup)	\$ 3,000.00	Each	25	\$ 75,000.00
Flotation Services - sample identification prior to AMS dating	\$ 175.00	Each	15	\$ 2,625.00
One-call Services	\$ 600.00	Each	10	\$ 6,000.00
Backhoe Rental	\$ 1,000.00	Each	25	\$ 25,000.00
TOTAL DIRECT EXPENSES				\$ 166,629.48

ATTACHMENT E-2. RATE SHEETS

SPECIFIED RATE / LUMP SUM PAYMENT BASIS

PRIME OR SUBPROVIDER NAME: BLANTON & ASSOCIATES, INC.

Direct Labor		Contract Rate	Contract	Contract	
Labor/Staff Classification	Hourly Base	FY 17	FY 18	FY 19	
Project Manager		\$160.50	\$165.32	\$170.27	
Sr Env Planner/Scientist		\$140.00	\$144.20	\$148.53	
Env Planner/Scientist III		\$120.00	\$123.60	\$127.31	
Env Planner/Scientist I/II		\$100.00	\$103.00	\$106.09	
Senior Env Specialist		\$160.50	\$165.32	\$170.27	
Env Specialist		\$90.00	\$92.70	\$95.48	
Biologist		\$100.00	\$103.00	\$106.09	
Senior Arch		\$110.00	\$113.30	\$116.70	
Arch I/II		\$80.00	\$82.40	\$84.87	
Senior Field Tech		\$90.00	\$92.70	\$95.48	
Senior Historian		\$120.00	\$123.60	\$127.31	
Historian		\$90.00	\$92.70	\$95.48	
Senior GIS		\$120.00	\$123.60	\$127.31	
GIS		\$95.00	\$97.85	\$100.79	
Admin Assistant		\$75.00	\$77.25	\$79.57	
Negotiated Overhead Rate:					
Negotiated Profit Rate:					
Contract Rates include labor, overhead, and profit.					
All rates are negotiated rates and are not subject to change or adjustment except as shown above.					
For Specified Rate Payment Basis - Contract rates to be billed. Documentation of hours required. Rates billed should correspond to the fiscal or calendar year, if applicable, in which the hours were worked. If rates by year are included, the rates for the last year shown apply to all later years. If only one set of rates is included, with no year designation, the rates shown apply to all later years.					
For Lump Sum Payment Basis - Physical percent complete to be billed. Documentation of hours not required. Any staffing or other direct expense classification included in the contract, but not in a work authorization, is not eligible for payment under that work authorization.					

Hidalgo County Regional Mobility Authority (HCRMA)
ENVIRONMENTAL SERVICES ASSOCIATED WITH THE TXDOT ENVIRONMENTAL CLEARANCE OF THE
INTERNATIONAL BRIDGE TRADE CORRIDOR
Fee Summary Sheet

	LABOR	EXPENSES
A. SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES		
PRELIMINARY DRAFT EA	\$ 33,544.60	
ENVIRONMENTAL DOCUMENT REVISIONS	\$ 26,215.68	
DECISION DOCUMENT	\$ 4,631.41	
TECHNICAL REPORTS		
a) Project Description (including Purpose & Need)	\$ 10,407.68	
b) Alternatives Analysis	\$ 10,272.74	
c) Community Impacts Analysis	\$ 11,736.38	
d) Non-archeological Historic Resources	\$ 57,355.08	
e) Archeological Resources	\$ 143,053.68	
f) Traffic Noise Studies	\$ 15,359.90	
g) Water Resources	\$ 36,258.08	
h) Biological Evaluation	\$ 14,787.21	
i) Hazardous Materials ISA	\$ 12,819.91	
j) Indirect & Cumulative Impacts Analysis	\$ 14,870.65	
k) Project Level Toll Analysis	\$ 10,977.25	
l) Section 4(f) Documentation Package	\$ 9,170.12	
B. PUBLIC INVOLVEMENT		
PUBLIC MEETING	\$ 36,496.74	
PUBLIC HEARING	\$ 31,576.46	
C. PROJECT MANAGEMENT & ADMINISTRATION	\$ 55,912.89	
TOTAL	\$ 535,446.46	\$ 166,629.48
GRAND TOTAL	\$ 702,075.94	

ATTACHMENT 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 #: 02-E37-17-07 Assigned Goal: 12.2% Prime Provider Blanton & Associates, Inc.

Work Authorization (WA)#: 2 WA Amount: \$702,075.94 Date: 01/24/2018

Supplemental Work Authorization (SWA) #: _____ to WA #: _____ SWA Amount: _____

Revised WA Amount: \$46,846.16

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>
ENV SUPPORT SERVICES FOR NEPA CLEARANCE OF IBTC	\$702,075.94
	\$0
Total Commitment Amount (Including all additional pages.)	\$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: <u>Blanton & Associates, Inc.</u> Address: <u>5 Lakeway Centre Court, Suite 200,</u> <u>Austin, TX 78734</u> VID Number: <u>74-2845838</u> PH: <u>512-264-1095 & FAX: 512-264-1531</u> Email: <u>dblanton@blantonassociates.com</u>	Name: <u>Don Blanton</u> <i>(Please Print)</i> Title: <u>President</u> <u>01/15/2018</u> Signature Date
DBE/HUB Sub Provider Subprovider Name: 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).

This Page
Intentionally
Left Blank

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>02/12/18</u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u>02/27/18</u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: RESOLUTION 2018-06 – APPROVAL OF CONTRACT AMENDMENT NUMBER 1 WITH BLANTON & ASSOCIATES, INC. TO INCREASE THE MAXIMUM PAYABLE AMOUNT DUE WORK AUTHORIZATION NUMBER 2.
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Consideration and Approval of entering into a professional services agreement for environmental consulting services required for the IBTC Project development.
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 2018-06 – Approval of Contract Amendment Number 1 with Blanton & Associates, Inc. to increase the maximum payable amount due Work Authorization Number 2 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: Approved Disapproved X None
11. Chief Development Engineer's Recommendation: X Approved Disapproved None
12. Chief Construction Engineer's Recommendation: Approved Disapproved X None
13. Executive Director's Recommendation: X Approved Disapproved None



CMT Services

Environmental _____

Engineering _____

Geo-Technical _____

Surveying _____

CONTRACT AMENDMENT SUMMARY RESOLUTION

Original Contract Amount _____

Amendment # _____

Amount _____

Approved Amendments:

Resolution No.	Description	Amount
----------------	-------------	--------

Subtotal from Cont. Page _____

Contract Amount

Proposed Amendment

Goal and Options:

**Staff is recommending approval of this request in the amount of
for a Revised Maximum Payable Amount of**

Requested by:

Approved Amendments Cont...**Resolution No.**

Resolution No.	Description	Amount
----------------	-------------	--------

Subtotal

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2018-06

RESOLUTION 2018-06 – APPROVAL OF CONTRACT AMENDMENT NUMBER 1 WITH BLANTON & ASSOCIATES, INC. TO INCREASE THE MAXIMUM PAYABLE AMOUNT DUE WORK AUTHORIZATION NUMBER 2.

THIS RESOLUTION is adopted this 27th day of February 2018 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, the Authority approved Resolution 2017-71 – Approval of a Professional Service Agreement with Blanton & Associates, Inc. to provide Environmental Services to the Hidalgo County Regional Mobility Authority in the amount of \$24,990.00;

WHEREAS, the Authority approved Resolution 2017-72 – Approval of Work Authorization Number 1 to the Professional Service Agreement with Blanton & Associates, Inc. to provide Environmental Classification Support for International Bridge Trade Corridor Project in the amount of \$24,990.00;

WHEREAS, the Authority initially approved the retention of Blanton & Associates, Inc. through Resolution 2010-79 to provide professional services, including oversight of the IBTC local environmental assessment process and review of the recommendation as prepared by Atkins (formerly PBS&J) (the "Initial Agreement");

WHEREAS, under the scope of services provided to the Authority through the Initial Agreement, Blanton & Associates, Inc. demonstrated a unique and thorough understanding of the Authority's projects and related environmental issues;

WHEREAS, based on Blanton & Associates demonstrated knowledge and unique qualifications, and to ensure that the Authority did not experience any gap in critical environmental services, the Authority approved Resolutions 2017-71 and 2017-72 retaining Blanton & Associates to provide additional professional environmental services, including support for the federal environmental classification for the IBTC project, to the Authority immediately following the termination of the program manager agreement;

WHEREAS, the Board (i) found it necessary and desirable to finalize the federal environmental classification of the IBTC project; (ii) found that Blanton & Associates, Inc. has demonstrated its qualifications in environmental work; (iii) found that Blanton & Associates, Inc. has a unique understanding of and history with the project, creating efficiencies and expertise that would be difficult to replace; and (iv) desired to expand Blanton & Associates, Inc. professional environmental services by approving Resolution 2018-05 – Approval of Work Authorization Number 2 to the Professional Service Agreement with Blanton & Associates, Inc. to provide Environmental Clearance Support for the IBTC Project in the amount of \$702,075.94;

WHEREAS, the Authority finds it necessary to approve Resolution 2018-06 – Approval of Contract Amendment Number 1 with Blanton & Associates, Inc. to increase the maximum payable amount due Work Authorization Number 2 in the amount of \$702,075.94;

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 Contract Amendment Number 1 to increase the maximum payable amount to \$727,065.94 due to additional scope outlined in Work Authorization Number 2 in the amount of \$702,075.94 hereto attached as Exhibit A.
- Section 3. The Board authorizes the Executive Director to execute Contract Amendment Number 1 to the Professional Services Agreement for Environmental Services 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 27th day of February 2018, at which meeting a quorum was present.

S. David Deanda, Jr., Chairman

Rick Perez, Secretary/Treasurer

Exhibit A

Contract
Amendment
Number 1 to
the
Professional
Services
Agreement
with
Blanton &
Associates, Inc.
for
Environmental
Services for the
HCRMA

SUPPLEMENTAL AGREEMENT NO. 1

**TO PROFESSIONAL SERVICES
AGREEMENT FOR ENVIRONMENTAL SERVICES**

THIS SUPPLEMENTAL AGREEMENT NO 1 TO MAIN CONTRACT 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 Blanton & Associates, Inc. (the Consultant).

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 \$24,990.00 to \$727,065.94 for a total increase of \$702,075.94 due to additional scope and effort outlined in Work Authorization No. 2 for IBTC Environmental Clearance of the IBTC in the amount of \$702,075.94.

This Supplemental Agreement No. 3 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.

THE ENGINEER

THE AUTHORITY

(Signature)

(Signature)

(Printed Name)

(Printed Name)

(Title)

(Title)

(Date)

(Date)

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>2/12/18</u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u>2/27/18</u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: RESOLUTION 2018-07 – AUTHORIZATION TO PROCURE PROFESSIONAL ENGINEERING SERVICES FOR A GENERAL ENGINEERING CONSULTANT FOR THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY.
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Request to procure GEC Services.
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 2018-07 – Authorization to procure Professional Engineering Services for a General Engineering Consultant for the Hidalgo County Regional Mobility Authority.
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. Chief Development Engineer's Recommendation: X Approved Disapproved None
12. Chief Construction Engineer's Recommendation: Approved Disapproved X None
13. Executive Director's Recommendation: X Approved Disapproved None

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<input checked="" type="checkbox"/>	AGENDA ITEM	<u>3D</u>
PLANNING COMMITTEE	<input type="checkbox"/>	DATE SUBMITTED	<u>2/12/18</u>
FINANCE COMMITTEE	<input type="checkbox"/>	MEETING DATE	<u>2/27/18</u>
TECHNICAL COMMITTEE	<input type="checkbox"/>		

1. Agenda Item: RESOLUTION 2018-07 – AUTHORIZATION TO PROCURE PROFESSIONAL ENGINEERING SERVICES FOR A GENERAL ENGINEERING CONSULTANT FOR THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY.
2. Nature of Request: (Brief Overview) Attachments: Yes No
Request to procure GEC Services.
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 2018-07 – Authorization to procure Professional Engineering Services for a General Engineering Consultant for the Hidalgo County Regional Mobility Authority.
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. Chief Development Engineer's Recommendation: Approved Disapproved None
12. Chief Construction Engineer's Recommendation: Approved Disapproved None
13. Executive Director's Recommendation: Approved Disapproved None

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2018-07

AUTHORIZATION TO PROCURE PROFESSIONAL ENGINEERING
SERVICES FOR A GENERAL ENGINEERING CONSULTANT FOR
THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
LOOP SYSTEM

THIS RESOLUTION is adopted this 27th day of February, 2018 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, the Authority is developing the Hidalgo County Loop System, which includes the 365 Tollway, International Bridge Trade Corridor, State Highway 68, Segment A, Segment C, and FM 1925; and

WHEREAS, the Authority has found it necessary to procure Professional Engineering Services for a General Engineering Consultant for the Hidalgo County Loop System including, but not limited to Advance Project Development and Construction Management Support; and

WHEREAS, the Authority will formally solicit Statements of Qualifications from professional engineering firms, rate and rank the firms and develop a short list for consideration by the Board of Directors;

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 authorizes Executive Director to prepare Requests for Statements of Qualifications for Professional Engineering Services for a General Engineering Consultant for the Hidalgo County Loop System and formally advertise for respondents.

Section 3. Upon receipt of formal responses from professional engineering firms, a committee comprised of the Executive Director, Chief Development Engineer and Chief Construction Engineer will rate, rank and recommend a short list of firms for consideration by the Board of Directors at the first available regular meeting.

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 27th day of February, 2018, at which meeting a quorum was present.

S. David Deanda, Jr., Chairman

Ricardo Perez, Secretary/Treasurer

Exhibit "A"

Request for Statements of Qualifications
for a
General Engineering Consultant
for the
Hidalgo County Regional Mobility Authority



HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

**TABLE OF CONTENTS
FOR THE REQUEST
FOR
STATEMENTS OF QUALIFICATION
FOR
PROFESSIONAL ENGINEERING SERVICES FOR A
GENERAL ENGINEERING CONSULTANT
2018**

PAGE 1

PAGE 2 - 5

**REQUEST FOR SOQ'S
SOQ – PROFESSIONAL ENGINEERING
SERVICES FOR A GENERAL
ENGINEERING CONSULTANT**

REQUEST FOR STATEMENT OF QUALIFICATIONS

Sealed Request for Statements of Qualifications (SOQ) addressed to Maria Alaniz, Administrative Assistant, Hidalgo County Regional Mobility Authority (HCRMA), will be received on June 7, 2018 until 4:30 PM at the HCRMA Office, 203 W Newcombe Avenue, Pharr, Texas 78577 with envelopes must be clearly marked:

SOQ – GENERAL ENGINEERING CONSULTANT SERVICES - 2018

Request for Statements of Qualifications packets may be obtained at the HCRMA Office, 203 W Newcombe Avenue, Pharr, Texas 78577 or by email request to maria.alaniz@hcrma.net. Packets can also be downloaded from the HCRMA website at www.hcrma.net.

Any informational questions regarding this SOQ may be directed to Eric Davila, PE, PMP, CFM Chief Development Engineer, in writing to eric.davila@hcrma.net or by phone at (956) 402-4762 (with written follow-up).

Statements of Qualification received past the aforementioned deadline shall not be considered. The owner will evaluate the Statements of Qualifications of the firms on the basis of technical ability, experience, and ability to perform the work.

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
REQUEST FOR STATEMENT OF QUALIFICATIONS FOR
PROFESSIONAL ENGINEERING SERVICES FOR A
GENERAL ENGINEERING CONSULTANT FOR THE
HIDALGO COUNTY LOOP SYSTEM**

I. Purpose

The Hidalgo County Regional Mobility Authority (HCRMA) recognizes a need to construct roadway infrastructure to improve mobility in the county, as well as, the movement of goods and service from the various International Ports of Entry.

As such, the HCRMA is requesting Statements of Qualification (SOQ) from Professional Engineering firms experienced in providing General Engineering Consultant (GEC) services for transportation-related program management—inclusive of project oversight of phases of advanced planning, right-of-way acquisition, utility relocations, construction management support, project financing, and operations in support of the Hidalgo County Loop Roadway Network, located in Hidalgo County, Texas.

II. Services Required

The required professional engineering services for the successful execution of a general engineering consultant (GEC) contract will encompass those services normally required of a program manager, including, but not limited to all aspects of transportation and tollroad project development, oversight of select consultants, and construction management of the various projects listed under GIS / Strategic Plan Documents / Annual Project Reports portions of www.hcrma.net which include, but are not limited to: 365 Tollway, International Bridge Trade Corridor, State Highway 68, Segment A, Segment C, US 83 Relief Route, and FM 1925. The selected Consultant may also be asked to provide support for public outreach efforts relating to tollroad awareness and successful utilization of all-electronic tolling.

The Services shall consist of the usual broad, expert general civil engineering services provided to existing tollroad and regional mobility authorities in Texas. The selected GEC will be knowledgeable about the unique abilities and restrictions of a regional mobility authority. Proposers should demonstrate expertise related to tolled and non-tolled transportation projects in civil engineering, financing, public relations, and operations.

The GEC shall have Texas Department of Transportation or Toll Authority/Regional Mobility Authority project delivery experience and is expected to work with the following agencies: HCRMA, Texas Department of Transportation (TxDOT), bond finance market, local municipalities, and various other agencies and utility companies. This list of agencies/companies is representative and is not all inclusive.

III. Proposal Requirements

Each SOQ must address, but is not be limited to, the following issues:

1. Firm name, including the addresses of all firm offices identifying in which office the work will be performed.

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
REQUEST FOR STATEMENT OF QUALIFICATIONS FOR
PROFESSIONAL ENGINEERING SERVICES FOR A
GENERAL ENGINEERING CONSULTANT FOR THE
HIDALGO COUNTY LOOP SYSTEM**

2. Name, position, phone, email, and fax numbers of contact person.
3. Names of principals in the firm; years firm has been in business.
4. Names of key personnel (Project Manager, Deputy Project Managers, Production staff, Project Control staff, QA/QC Managers, Communications staff, and assistant staff; inclusive of any tentative subcontractors) by discipline in the office that will be working on the project, copies of their resumes and the team make-up (number of employees / backgrounds) of the reporting to these key personnel.
5. List at least five related GEC roles with Texas Department of Transportation (TxDOT), Other State Departments of Transportation (DOTs), Toll Authority/Regional Mobility Authority, and/or Local Government Projects of a transportation nature. Provide program dates, total development costs (planning thru environmental, ROW/utilities, and construction costs) along with name, address, email, and phone number of representatives of these projects who can be contacted as references.
6. Current workload of the staff and engineering office that would be responsible for the project(s).
7. Names, disciplines and firm profiles (with resumes listed under key personnel) for any sub-consultants (if any) proposed for the project.
8. Disadvantaged Business Enterprise (DBE) and Affirmative Action status of firm and sub-consultants.
9. Listing of all pending litigation against or involving the firm or its agents or employees with respect to any work performed.
10. Amount of professional liability insurance coverage carried by your firm.
11. Name and phone number of person to contact at the bank where the firm does business.
12. Any other items, which the consultant deems necessary.
13. Executed Architect-Engineer Qualifications (Standard Form 330).

IV. Evaluation Process

After the deadline for receipt of SOQ's, an evaluation committee made up of the HCRMA's designated representative(s) will review all proposals utilizing the proposal requirements and evaluation criteria noted below.

Based on the committee's review, it is expected that several firms may be short-listed for further consideration and may be required to submit supplemental information. Additionally (after review of the findings of the committee by the HCRMA Board of Directors), the selected firms may be required to make a formal presentation before the HCRMA Board of Directors.

V. Evaluation Criteria

The following criteria and rating points (100 points maximum) will generally be used to evaluate the SOQ:

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
REQUEST FOR STATEMENT OF QUALIFICATIONS FOR
PROFESSIONAL ENGINEERING SERVICES FOR A
GENERAL ENGINEERING CONSULTANT FOR THE
HIDALGO COUNTY LOOP SYSTEM**

1. Demonstrate competence on previous programs managed for the TxDOT or another Toll Authority/Regional Mobility Authority. (0-10 Points)
2. Recent experience with TxDOT or Toll Authority/Regional Mobility Authority projects comparable to ongoing and proposed HCRMA projects. (0-10 Points)
3. Capability to perform all or most aspects of the project, such as design and integration. (0-10 Points)
4. Reputation for personal and professional integrity and competence. (0-10 Points)
5. Evidence that the consultant has established and implemented an Affirmative Action Program and/or is certified as a DBE (DBE goal is for this project is 12%). (0-5 Points)
6. Key personnel's professional background, caliber and availability for the proposed projects. (0-5 Points)
7. Current workload. (0-5 Points)
8. Demonstrate ability to meet schedules or deadlines. (0-5 Points)
9. Capability to complete projects without having major cost escalations or overruns. (0-5 Points)
10. Qualifications and experience of sub-consultants engaged by consultants under consideration. (0-5 Points)
11. Quality of projects previously undertaken. (0-5 Points)
12. Familiarity with the proximity of the geographical location of the project. (0-5 Points)
13. Knowledge of federal, state and local regulations, policies and procedures. (0-5 Points)
14. Capability of a branch office which will do the work to perform independently of the home office, or conversely, it's capability to obtain necessary support from the home office. (0-5 Points)
15. Demonstrate an understanding of the project's potential problems and the HCRMA's concerns. (0-5 Points)
16. Degree of interest shown in undertaking the project. (0-5 Points)

VI. Contract Award

It is estimated that this project will be issued and awarded once the authorization is given by the HCRMA Board of Directors and/or HCRMA Executive Director to negotiate a contract. Therefore, the intention of developing ratings of the interested firms through the proposed evaluation process is to issue a project to the selected firms based on qualifications rating/rank, current workload at time of selection and knowledge of the work that is necessary for the project. The HCRMA does not guarantee that a contract will be awarded as a result of the SOQ. In the event that a contract is awarded, but the contract is not executed, the HCRMA does not guarantee that the contract will be re-awarded. The award date for this contract is anticipated in September 2018.

VII. Inquiries

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
REQUEST FOR STATEMENT OF QUALIFICATIONS FOR
PROFESSIONAL ENGINEERING SERVICES FOR A
GENERAL ENGINEERING CONSULTANT FOR THE
HIDALGO COUNTY LOOP SYSTEM**

Any informational questions regarding this SOQ may be directed to Eric Davila, PE, PMP, CFM Chief Development Engineer, in writing to eric.davila@hcrma.net or by phone at (956) 402-4762.

DRAFT

**HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
REQUEST FOR STATEMENT OF QUALIFICATIONS FOR
PROFESSIONAL ENGINEERING SERVICES FOR A
GENERAL ENGINEERING CONSULTANT FOR THE
HIDALGO COUNTY LOOP SYSTEM**

VIII. Disqualification

Respondents shall restrict all contact with the HCRMA Board of Directors and direct all questions regarding this SOQ, including questions regarding terms and conditions and technical requirements, to the points of contact. Failure to comply with this procedure may result in disqualification.

IX. Response Deadline

Responses to the SOQ must be received at the office of Maria Alaniz, Administrative Assistant, Hidalgo County Regional Mobility Authority (HCRMA), will be received on June 7, 2018 until 4:30 PM at the HCRMA Office, 203 W Newcombe Avenue, Pharr, Texas 78577 for consideration. Ten (10) complete sets of the response must be submitted no later than this date and time in a sealed envelope indicating that its contents are in response to the Statement of Qualifications for **“SOQ – GENERAL ENGINEERING CONSULTANT SERVICES - 2018”**.