

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

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

DATE: TUESDAY, FEBRUARY 22, 2022
TIME: 5:30 PM
PLACE: HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
TELECONFERENCE MEETING

PRESIDING: S. DAVID DEANDA, JR, CHAIRMAN

MEMBERS OF THE PUBLIC ARE WELCOME TO PARTICIPATE REMOTELY

DIAL-IN NUMBER : +1 956-413-7950
Access Code: 989 037 552 #
WEblink: [Click here to join the meeting](https://us02web.zoom.us/j/989037552?pwd=QkVzZ0p6a0p6a0p6a0p6a0p6a0p6)

An electronic copy of the agenda packet can be obtained at www.hcrma.net

PLEDGE OF ALLEGIANCE

INVOCATION

PROCLAMATION – Paul S. Moxley, Director – 2017 TO 2022

CALL TO ORDER AND ESTABLISHMENT OF A QUORUM FOR A REGULAR MEETING

PUBLIC COMMENT

1. REPORTS
 - A. Report on Program Manager Activity for 365 Tollway Project and IBTC Environmental Clearance Document – Eric Davila, HCRMA.
 - B. Report on 365 Tollway Project Financing Activities – Richard Ramirez, Hilltop Securities.
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 25, 2022.
 - B. Approval of Project & General Expense Report for the period from January 14, 2022, to February 7, 2022.
 - C. Approval of Financial Reports for December 2021 and January 2022.

3. REGULAR AGENDA

- A. Resolution 2022-09 – Consideration and Approval of Work Authorization Number 9 with Blanton & Associates, Inc. for environmental services for conducting an Environmental Assessment Re-evaluation Scoping Meeting for the updated design initiated under the 365 Tollway Value Engineering Change Proposal process
- B. Resolution 2022-10 – Consideration and Approval of Contract Amendment Number 8 to the Professional Service Agreement with Blanton & Associates, Inc. to increase the maximum payable amount for Work Authorization Number 9.
- C. Resolution 2022-11 -- Consideration and Approval of Work Authorization Number 7 with HDR Engineering, Inc. for engineering services for the review for the updated design initiated under the 365 Tollway Value Engineering Change Proposal process.
- D. Resolution 2022-12 - Consideration and Approval of Contract Amendment Number 4 to the Professional Service Agreement with HDR Engineering, Inc. to increase the maximum payable amount for Work Authorization Number 7.
- E. Resolution 2022-13 – Consideration and Approval of Work Authorization Number 1 Supplemental Number 1 with B2Z Engineering for implementation of new IBWC material testing requirements.
- F. Resolution 2022-14 – Consideration and Approval of Work Authorization Number 2 with B2Z Engineering for material testing services on the proposed Wetland Mitigation for the 365 Tollway Project.
- G. Resolution 2022-15 – Consideration and Approval Contract Amendment Number 1 with B2Z Engineering to increase the maximum payable amount for Work Authorization Number 1 Supplemental 1 and Work Authorization Number 2.

4. CHAIRMAN'S REPORT

- A. Annual Election of Vice Chairman and Secretary/Treasurer for the Hidalgo County Regional Mobility Board of Directors.

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 Attorney on personnel matters related annual evaluation of the Executive Director (551.074 T.G.C.)
- B. Consultation with Attorney on legal issues pertaining to an Interlocal Cooperative Agreement with the City of Mission to provide Right of Way Acquisition Services (Section 551.071 T.G.C.)
- C. Consultation with 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.)
- D. Consultation with Attorney on legal issues pertaining to Professional Service Agreements for Engineering, Surveying and Environmental Services (Section 551.071 T.G.C.).
- E. Consultation with Attorney on legal issues pertaining to the voluntary acquisition of real property for various parcels for the 365 Tollway Project and International Bridge Trade Corridor Project (Sections 551.071 and 551.072 T.G.C.).
- F. Consultation with Attorney on legal issues pertaining to the acquisition, including the use of Eminent Domain, for property required to complete the project alignments of the 365 Tollway Project (Sections 551.071 and 551.072 T.G.C.).

- G. Consultation with Attorney on legal issues pertaining to the Environmental Clearance Document for the International Bridge Trade Corridor Project (Section 551.071 T.G.C.).
- H. Consultation with Attorney on legal issues pertaining to the issuance of one or more Series of Hidalgo County Regional Mobility Authority bonds and related agreements and provisions relating to the subject (Section 551.071 T.G.C.).
- I. Consultation with Attorney on personnel matters related to the COVID-19 pandemic (Section 551.074 T.G.C.).

ADJOURNMENT OF REGULAR MEETING

CERTIFICATION

I, the Undersigned Authority, do hereby certify that the attached agenda of the Hidalgo County Regional Mobility Authority Board of Directors is a true and correct copy and that I posted a true and correct copy of said notice on the Hidalgo County Regional Mobility Authority Web Page (www.hcrma.net) and the bulletin board in the Hidalgo County Court House (100 North Closner, Edinburg, Texas 78539), a place convenient and readily accessible to the general public at all times, and said Notice was posted on the 16th day of February 2022 at 5:00 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 96 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. Speakers addressing the Board through a translator will be allowed a maximum of six (6) minutes.

All individuals desiring to address the HCRMA must be signed up to do so, prior to the open comment period. For meetings being held by telephonic or videoconference, individuals may contact Maria. E. Alaniz at (956) 402-4762 before 5:00 pm day of the meeting.

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 applies."

Note: Participation by Telephone/Video Conference Call – One or more member of the HCRMA Board of Directors may participate in this meeting through a telephone/video conference call, as authorized by Sec. 370.262, Texas Transportation Code.

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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>02/11/2022</u>
FINANCE COMMITTEE	____	MEETING DATE	<u>02/22/2022</u>
TECHNICAL COMMITTEE	____		

1. Agenda Item: **REPORT ON PROGRAM MANAGER ACTIVITY FOR 365 TOLLWAY PROJECT AND IBTC ENVIRONMENTAL CLEARANCE DOCUMENT**
2. Nature of Request: (Brief Overview) Attachments: Yes No
Report on 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 N/A
5. Staff Recommendation: Report only.
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



BOARD OF DIRECTORS MEETING FOR FEBRUARY 2022

HCRMA Board of Directors

S. David Deanda, Jr., Chairman

Forrest Runnels, Vice-Chairman

Ezequiel Reyna, Jr., Secretary/Treasurer

Alonzo Cantu, Director

Carlos Del Angel, Director

Francisco "Frank" Pardo, Director

Joaquin Spamer, Director

HCRMA Administrative Staff

Pilar Rodriguez, PE, Executive Director

Eric Davila, PE, PMP, CCM, Chief Dev. Eng.

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

Celia Gaona, CIA, Chief Auditor/Compliance Ofcr.

Jose Castillo, Chief Financial Ofcr.

General Engineering Consultant

HDR ENGINEERING, INC.

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

► OVERVIEW

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

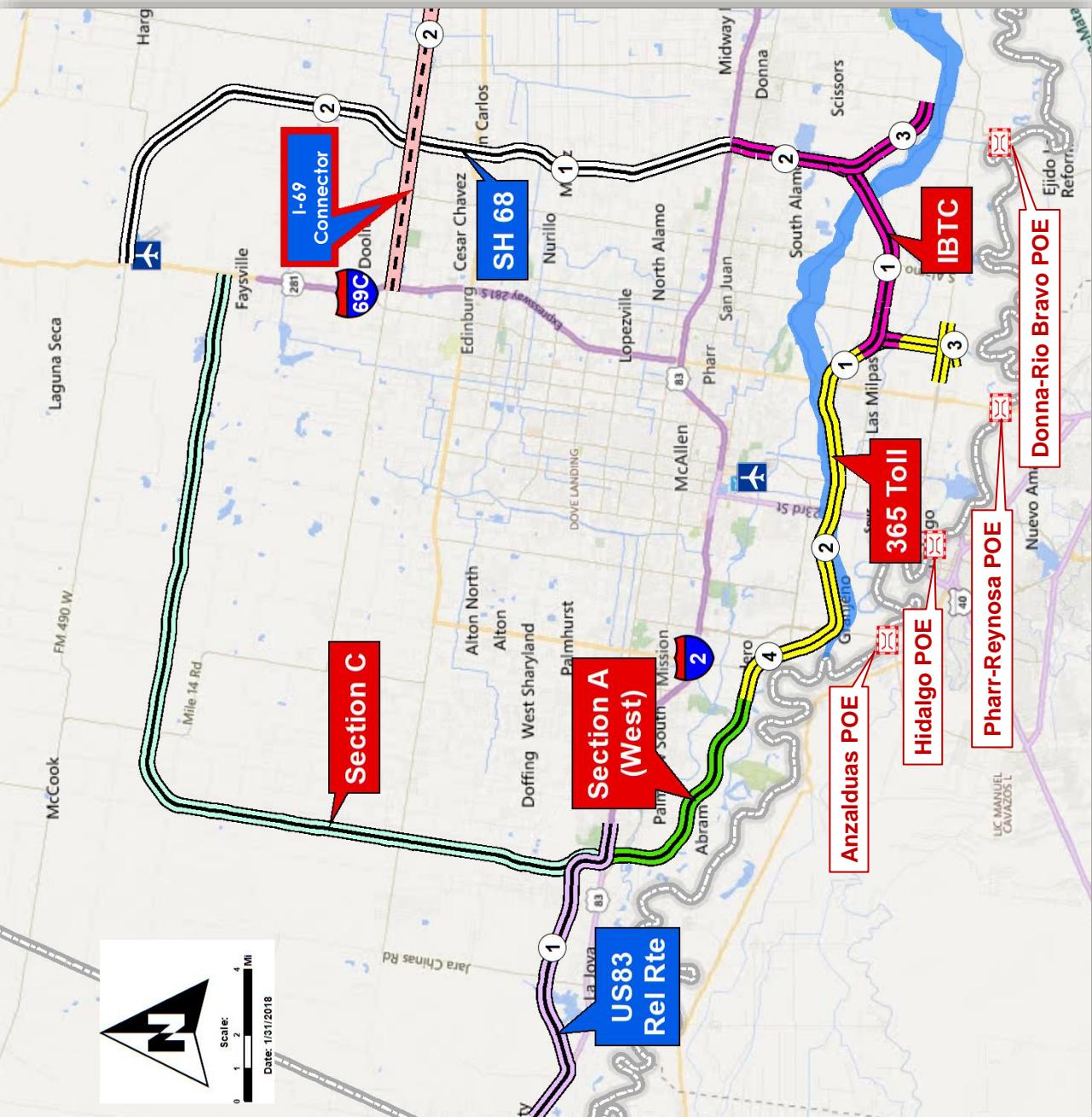
MISSION STATEMENT:

“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



SYSTEM WIDE

► Post 2021 UTP APPROVAL

□ Approval of 2021 UTP (Aug 2020)

- 365 Toll: gap-funded construction funding was budgeted in 2021 UTP Update in 12/2020. On 06/2021 a 2nd FAA was granted to assign the gap funding contingent upon successful contract execution and sale of toll revenue bonds.
- IBTC: funds listed under Cat 12 / TBD needs revised PDA and direction from TxDOT as to whether approved funding can be used for advanced planning (e.g. design, ROW, and/or utility) work.

□ What's in the RGVMPO (Local Plan)

- 365 Toll Project (TIP / MTP) thru construction
- IBTC Project (TIP / MTP) thru design (pending funding commitments for construction)

PDA – Project Development
Agreement
FAA – Financial Assistance
Agreement
TIP – Transportation
Improvement Program (Short
range)
MTP – Metropolitan
Transportation Plan (Long
Range)



365

TOLL



MAJOR MILESTONES:

NEPA CLEARANCE

07/03/2015

98% ROW ACQUIRED

PH 1: 365 SEG. 3 –

LET: 08/2015

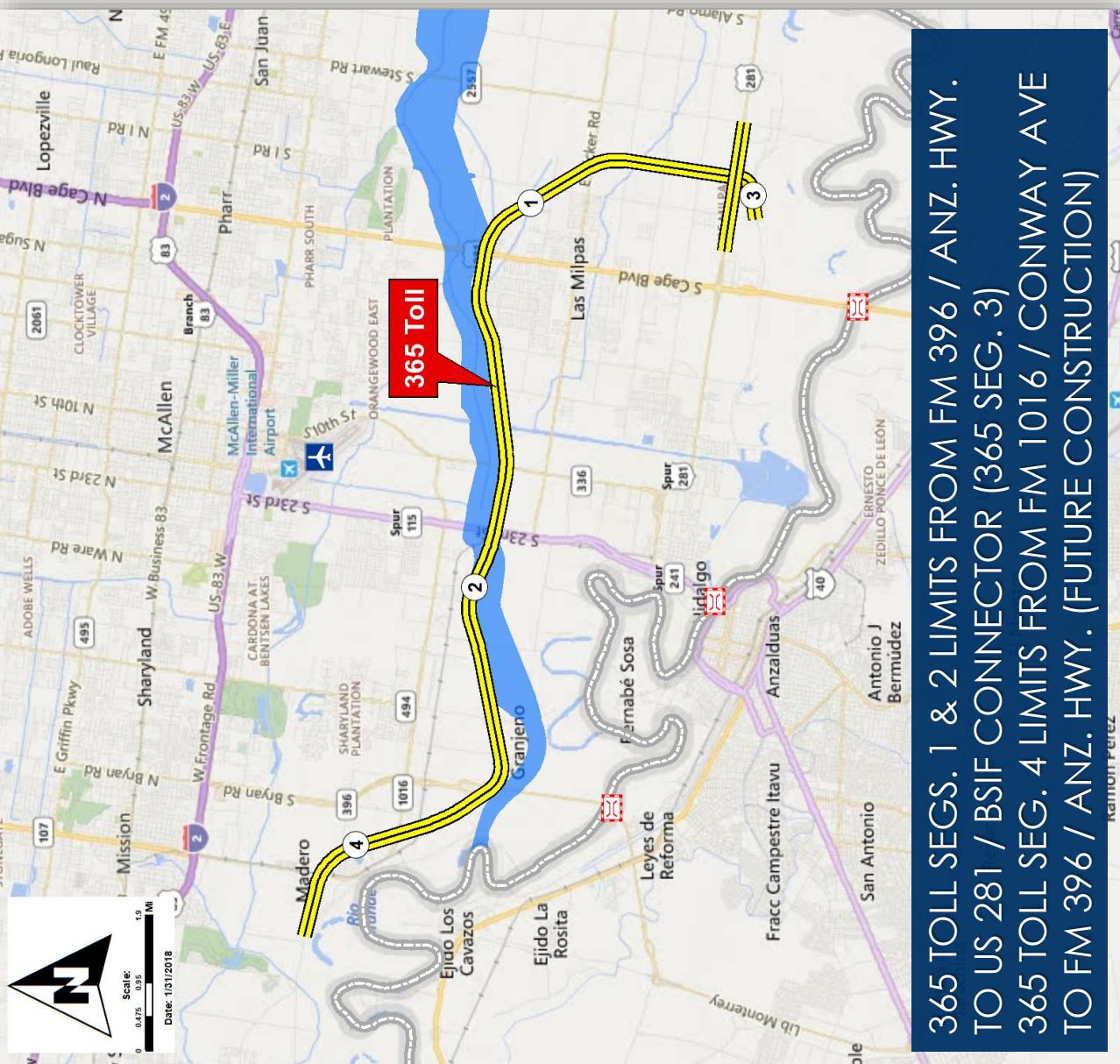
COMPLETED

PH 2: 365 TOLL

SEG. 1 & 2 –

RE-LET: 10/2021

5 <http://www.hcrma.net>



365

SCHEDULE:

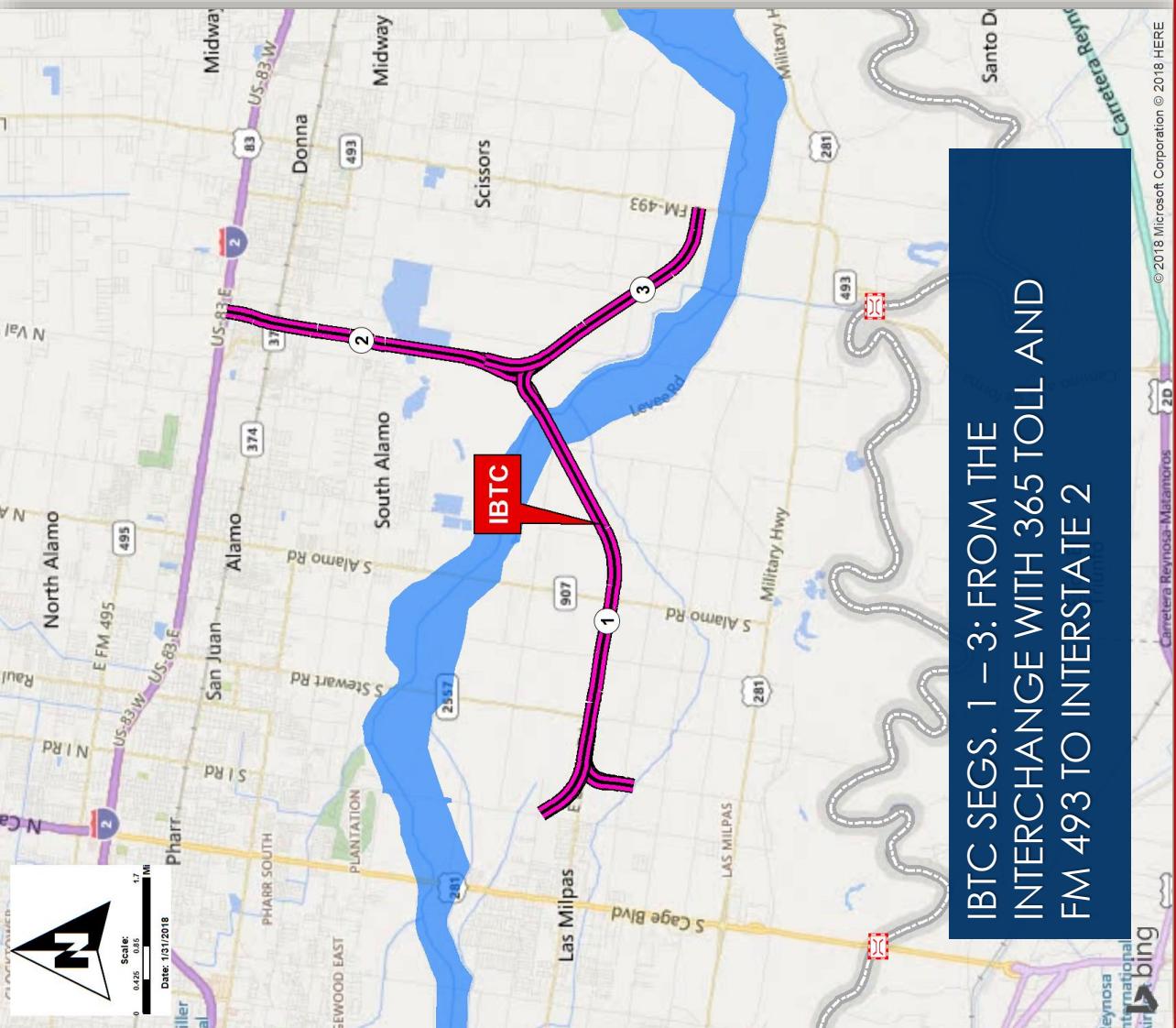
- ~~08/08/2021 - 10/13/2021, HCRMA advertises the 365 Toll~~
- ~~08/31/2021, held prebid 08/31/2021, and opened bids 10/13/2021, 26 days~~
- ~~10/19/2021, HCRMA Approved Award of Contract,~~
- ~~11/08/2021, TxDOT concurred with award of contract,~~
- ~~11/10/2021 - 12/01/2021, finalized CO#1~~
- ~~12/08/2021 - 12/20/2021, HCRMA Board approved CO#2,~~
- ~~12/21/2022, HCRMA met with funding agencies,~~
- ~~1/07/2022, HCRMA posted Preliminary Official Statement,~~
- ~~1/20/2022, HCRMA priced bonds,~~
- ~~02/10/2022, HCRMA to close toll revenue bonds & issues NTP,~~
- ~~03/2022, Commence 42-month construction, and~~
- ~~09/2025, Open to traffic,~~
- ~~01/2026, Start of Toll Operations.~~

IBTC

MAJOR MILESTONES:

OBTAINED EA ENV
CLASSIFICATION: 11/2017
SCHEMATIC APPROVED:
11/2021

NEPA CLEARANCE: MID 2022
EST. LETTING: LATE 2025



IBTC SEGS. 1 – 3: FROM THE
INTERCHANGE WITH 365 TOLL AND
FM 493 TO INTERSTATE 2



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International Bridge Trade Corridor (IBTC) (CSJ: 0921-02-142)

Project Milestones	2022												2023												2024												2025											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D												
Environmental (Ongoing)																																																
Surveys																																																
ROW Title Research / Appraisals																																																
ROW Acquisition (Remaining)																																																
Plans, Specs., & Estimates																																																
Utility Coord / Relocation																																																
Constr. Contract Letting Phase																																																
Construction Start																																																

42 MONTH CONSTRUCTION FROM SEPT 2025 - MAR 2029



ADVANCE PLANNING

- ▶ Env.: Classification Letter and Scoping Toolkit Submitted Aug 2017
- ▶ Held IBTC Environmental Kick off with TxDOT PHR / ENV April 6, 2018.
- ▶ VRF UTP Matching Funds request processed at the HCMPO—pending adoption by TxDOT at State Level.
- ▶ All env. fieldwork complete: Waters of the US and Archeological trenching—Internal ROE efforts were instrumental to accelerating this work.
- ▶ Meeting held with EPA/TCEQ/TxDOT to discuss Donna Reservoir site for the Hazmat portion of the NEPA Document Oct 2018.
- ▶ Public Meeting took place at Donna High School March 29, 2019.
- ▶ All major milestone reports submitted and approved: Project Description, Hazmat, Historic Resources, Public Meeting Summary Report, Waters of the US, Archaeological Resources, Noise Report, Archaeological Mitigation Plan, and CIC Report.
- ▶ Submitting Final EA before Thanksgiving 2021 to obtain a Sufficient for Processing (SFP) notice to then schedule a Public Hearing January 2022.

OTHER:

- ▶ Surveys (65% complete) – anticipate new survey pool procurement once TxDOT approves new federalized procurement procedures by end of Fall 2019.
- ▶ ROW Acquisition (5% complete)
- ▶ Utility Relo. (SUE 100%, coordination initiated, Overall 20%)
- ▶ Design (PS&E, 50% complete): On Hold

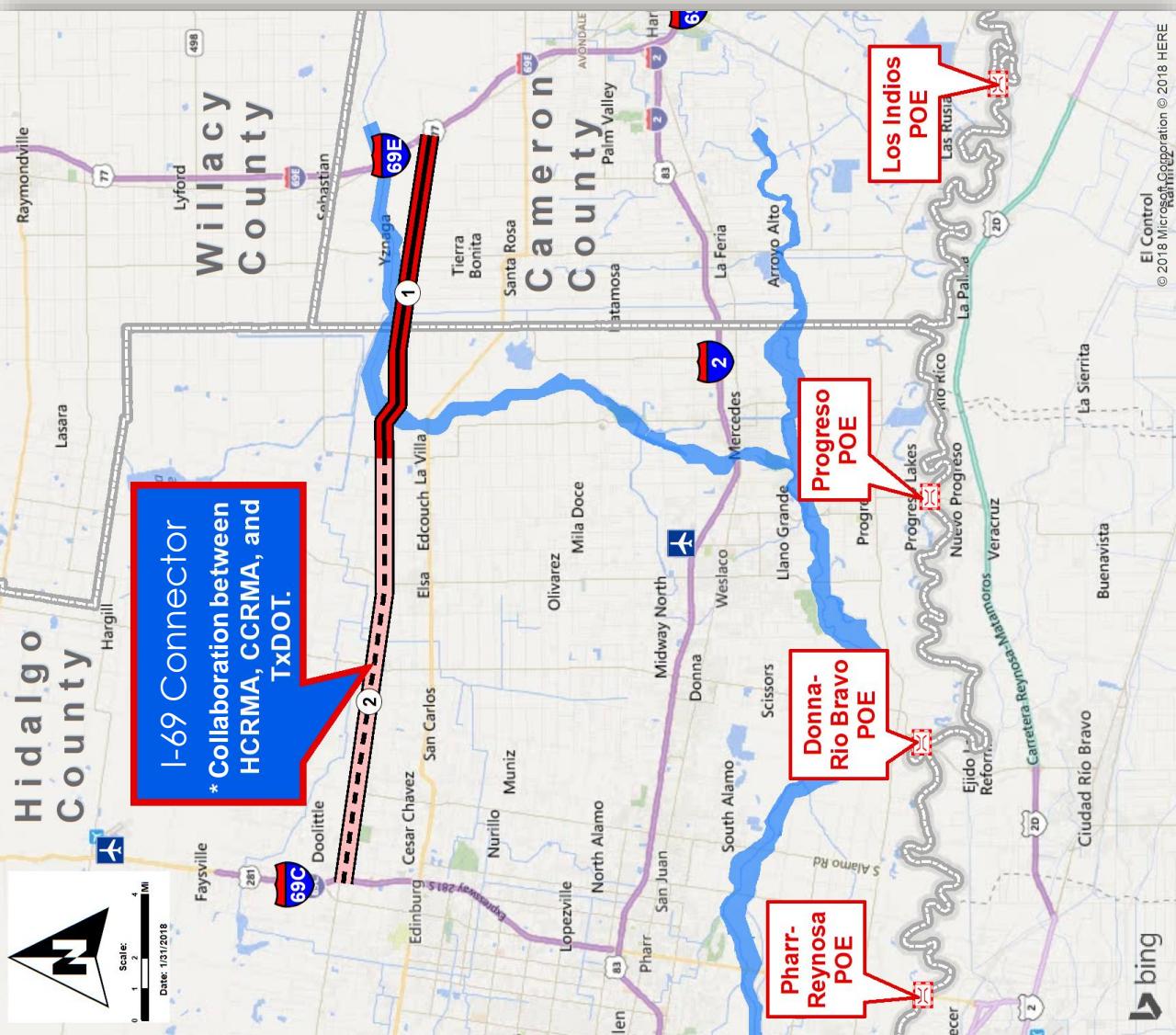


I-69 Connector

(COLLABORATION W/ TXDOT, CCRMA, AND HCRMA)

DESCRIPTION:

- PROJECT LENGTH ~27 MILES
- 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
- 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.
- FEASIBILITY STUDIES KICKED OFF WITH A STAKEHOLDER MEETING OCT 2019.
- PUBLIC MEETING ON FEASIBILITY STUDIES HELD 12/2019 AND 11/2021.



WEST LOOP

SECTION A (WEST) / SECTION C

***COMPLIMENTS PROPOSED MISSION/MADERO-REYNOSA
INTERNATIONAL BORDER CROSSING (BY OTHERS)**

***COMPLIMENTS PROPOSED MISSION/MADERO-REYNOSA
INTERNATIONAL BORDER CROSSING (BY OTHERS)**

DESCRIPTION:

COMBINED PROJECT LENGTH:
38 MILES FROM FM 1016 / CONWAY AVE
(MISSION/MADERO) TO I-69C (NORTH EDINBURG)

LIKELY TO BE CLASSIFIED AS AN ENVIRONMENTAL
IMPACT STATEMENT (EIS) NEPA DOCUMENT (36 TO 48
MONTHS)—TO BE ENGAGED AFTER IBTC ENV.

POTENTIAL FOR CLASS I RAIL WITHIN THE ROW
PENDING DEVELOPMENTS FOR RAIL CROSSING IN
MISSION AREA.

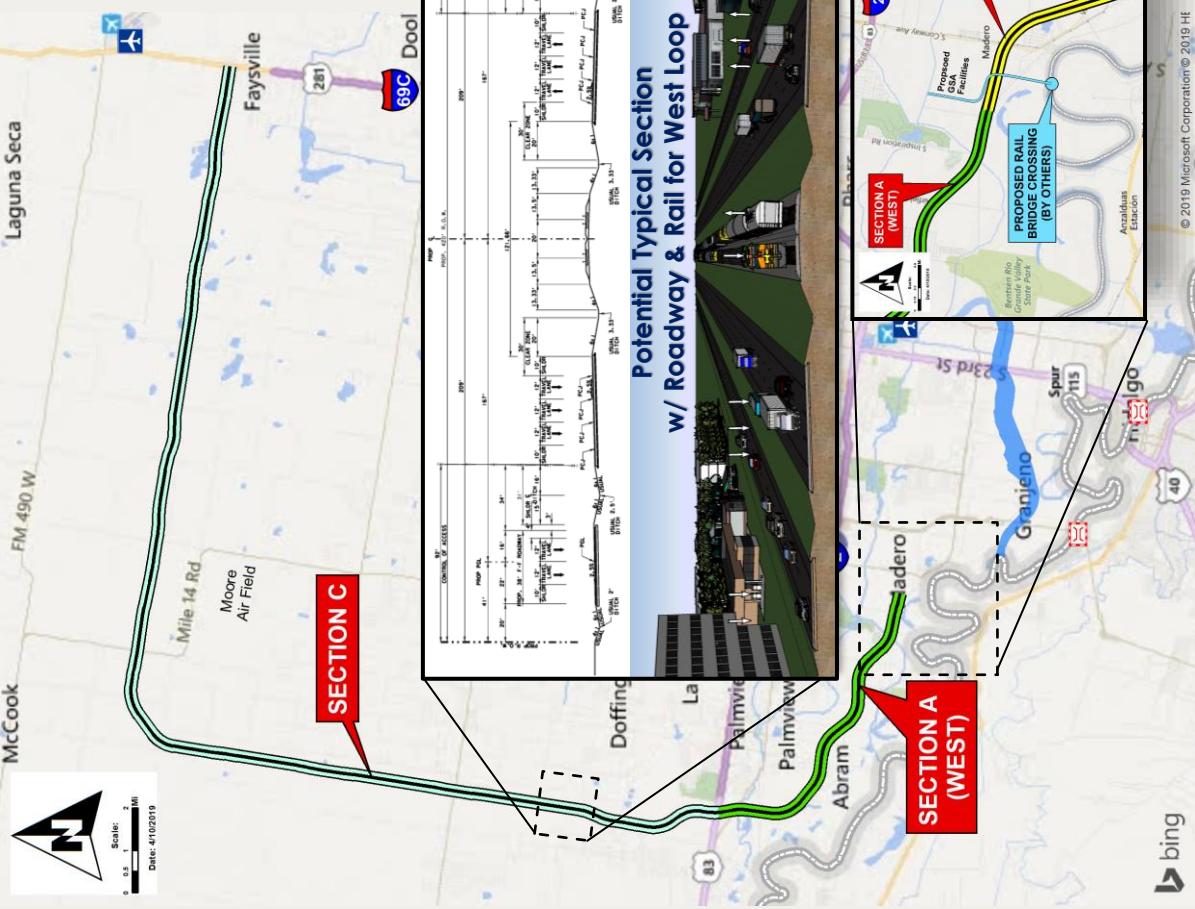
INTERLOCAL AGREEMENT IN PLACE WITH CITY OF
MISSION FOR HCRMA'S ASSISTANCE WITH
ENVIRONMENTAL CLEARANCE EFFORTS

MARCH 2020 - HELD AN ILA KICK OFF MEETING WITH THE CITY OF MISSION TO BEGIN ALIGNING ENV. CLEARANCE EFFORTS WITH THE CITY'S INTENDED OVERALL PROJECT PLAN.

MAY 2020 – HCRMA PROVIDED CITY OF MISSION W DRAFT SCOPES FOR ENV / TRAFFIC ENG. FOR THEIR PROPOSED ENV. CLEARANCE EFFORTS AT THE PROPOSED RAIL BRIDGE CROSSING.

**SEPTEMBER 2020 - TXDOT APPROVED CITY OF
MISSION PROCUREMENT RULES TO ALIGN WITH THE
"FEDERAL PROCESS"**

FEASIBILITY STUDIES ONGOING.



► **OVERWEIGHT REPORT FOR FEB 2022:**
JAN 1, 2014 – JAN 31, 2022

OW

Total Permits Issued:

226,594

Total Amount Collected: **\$ 36,887,432**

Convenience Fees:

\$ 732,432

Total Permit Fees:

\$ 36,155,000

– Pro Miles: **\$ 679,782**

– TxDOT: **\$ 30,731,750**

– HCRMA: **\$ 4,743,468**



► **OVERWEIGHT REPORT FOR FEB 2022:**
JAN 1, 2021 – JAN 31, 2022

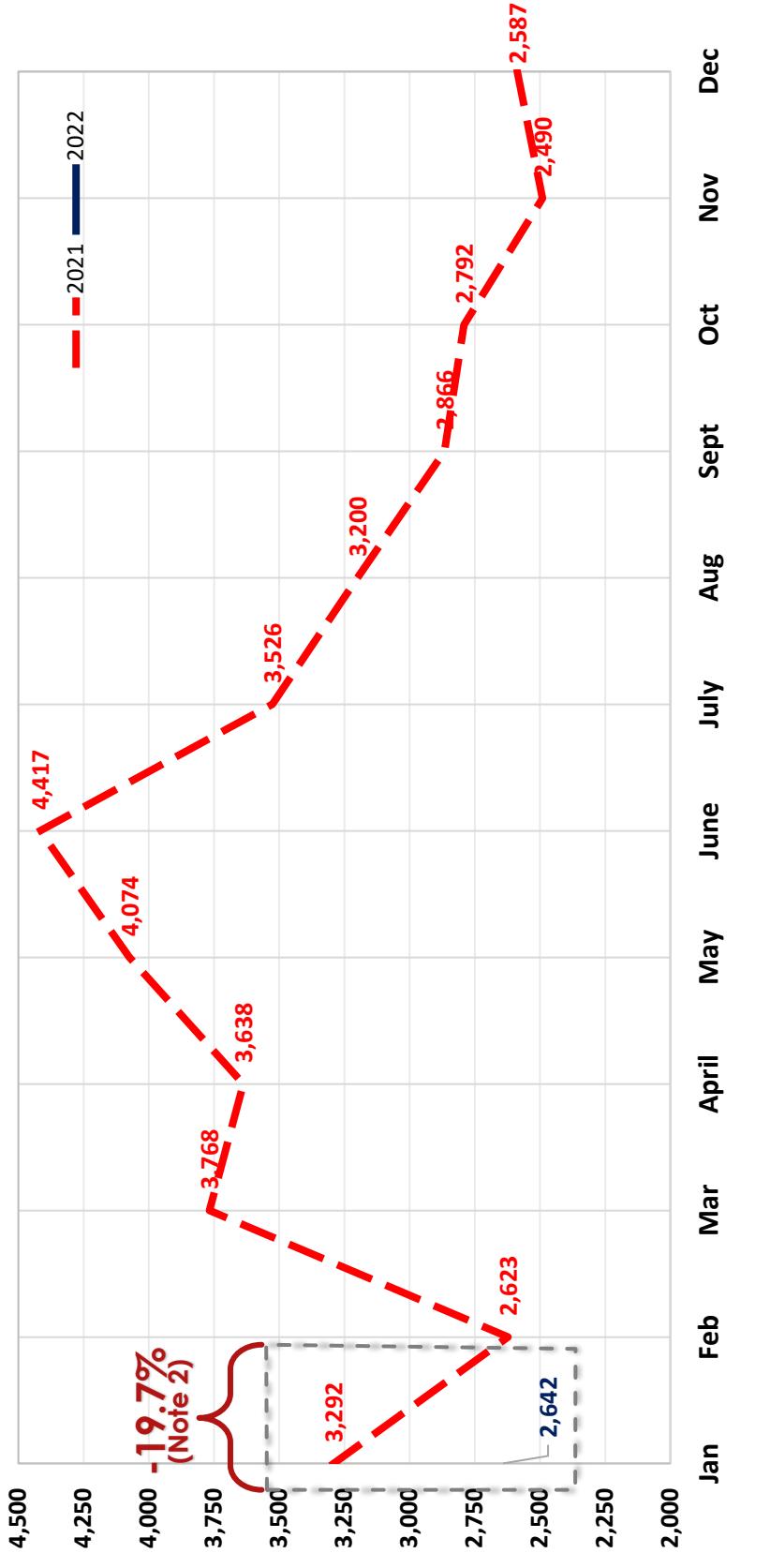
OW

Total Permits Issued:	2,642
Total Amount Collected:	\$ 534,856
■ Convenience Fees:	\$ 6,456
■ Total Permit Fees:	\$ 528,400
– Pro Miles:	\$ 7,926
– TxDOT:	\$ 449,140
– HCRMA:	\$ 71,334



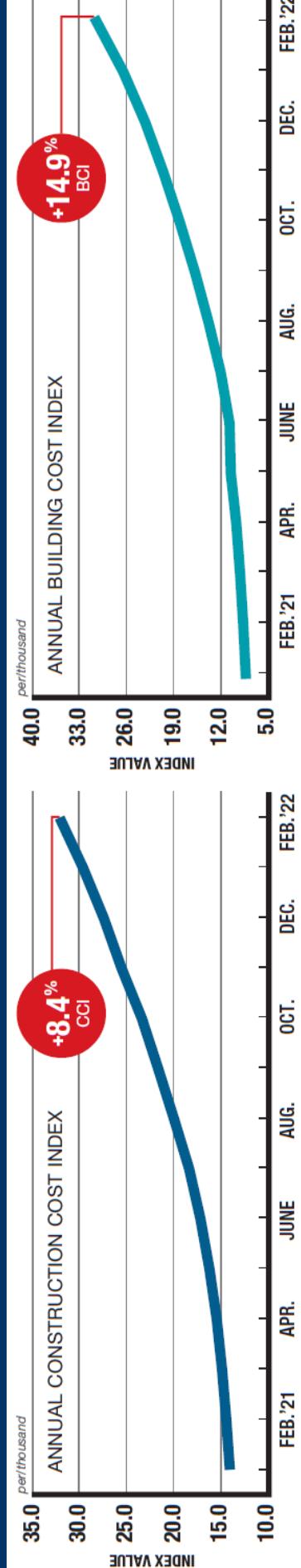
► OVERWEIGHT REPORT FOR FEB 2022: JAN 1, 2021 – JAN 31, 2022

Overweight/Oversized Permit Count 2021- 2022 Monthly Comparison



► CONSTR. ECONOMICS FEB 2022

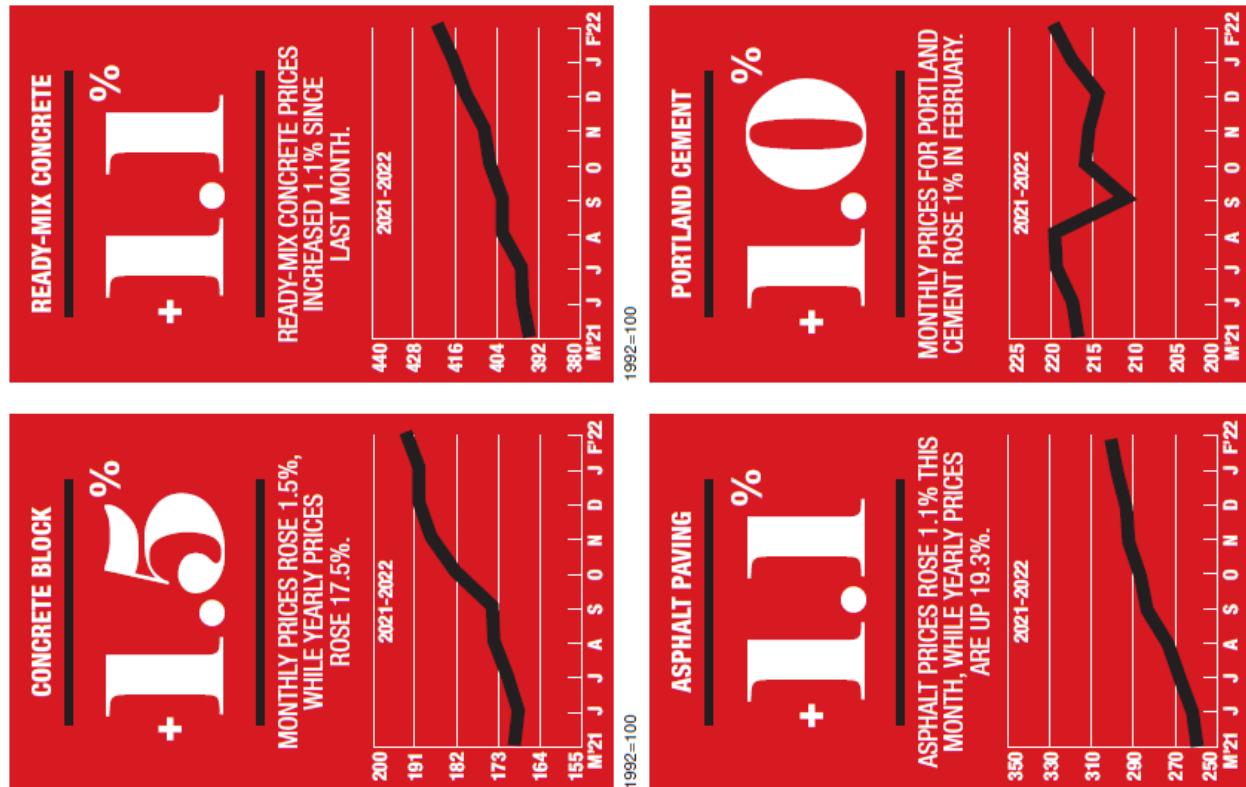
Construction Cost Index (CCI) Change (%) Year-to-Year for the Current Month



Source: McGraw Hill Construction ENR

► CONSTR. ECONOMICS FEB 2022

CE



20-CITY AVERAGE		ITEM	UNIT	\$PRICE	%/MONTH	%/YEAR
ASPHALT PAVING		PG 58	TON	475.65	+1.1	+19.3
Outback, MC800		Emulsion, RAPID SET	TON	389.33	-0.3	+5.1
Emulsion, SLOW SET		Emulsion, SLOW SET	TON	364.24	-0.3	+2.9
PORTLAND CEMENT			TON	379.57	-0.1	+3.9
Type one			TON	155.31	+1.0	+3.8
MASONRY CEMENT			70-lb bag	TON	11.13	-0.5
CRUSHED STONE			Base course	TON	15.32	+3.1
Concrete course			Concrete course	TON	15.31	+3.0
Asphalt course			Asphalt course	TON	16.35	+3.2
SAND			Sand	TON	14.12	+3.6
Concrete			Concrete	TON	14.54	+0.7
READY-MIX CONCRETE			Masonry	TON	14.54	+15.9
3,000 psi				CY	136.66	+1.1
4,000 psi				CY	146.29	+0.7
5,000 psi				CY	183.51	+0.1
CONCRETE BLOCK						-3.7
Normal weight: 8" x 8" x 16"						
Lightweight: 8" x 8" x 16"						
12" x 8" x 16"						

SOURCE: ENR

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Item 1B

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u>X</u>	AGENDA ITEM	<u>1B</u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u>2/15/22</u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u>2/22/22</u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: REPORT ON 365 TOLLWAY PROJECT FINANCING ACTIVITIES.
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Report on 365 Tollway Project Financing Activities – Richard Ramirez, Hilltop Securities.
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

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>02/14/22</u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u>02/22/22</u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: APPROVAL OF MINUTES FOR REGULAR MEETING HELD JANUARY 25, 2022.
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 25, 2022.
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 25, 2022, as presented.
6. Planning Committee's Recommendation: Approved Disapproved X None
7. Finance 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 Regular Meeting on **Tuesday, January 25, 2022**, at 5:30 pm by video/ teleconference, with the following participating:

Board Members:	S. David Deanda, Jr., Chairman Forrest Runnels, Vice-Chairman Ezequiel Reyna, Jr., Secretary/Treasurer Alonzo Cantu, Director Paul Moxley, Director Frank Pardo, Director
Absent:	Joaquin Spamer, Director
Staff:	Pilar Rodriguez, Executive Director Ramon Navarro, Chief Construction Engineer Eric Davila, Chief Development Engineer Celia Gaona, Chief Auditor/Compliance Officer Jose Castillo, Chief Financial Officer Blakely Fernandez, Bracewell Law, Legal Counsel Luis Cardenas, Escobedo & Cardenas LLP, Legal Counsel Richard A. Cantu, Law Office of Richard Cantu, PC, Legal Counsel Richard Ramirez, Hilltop Securities, Financial Advisor Troy Madres, Morgan Stanley & Co., LLC, Underwriters Dave Gordon, Estrada Hinojosa & Company, Inc., Underwriters

PLEDGE OF ALLEGIANCE

Chairman Deanda led the Pledge of Allegiance.

INVOCATION

Ms. Gaona led the Invocation.

CALL TO ORDER OF A WORKSHOP at 5:31 p.m.

1. Review of Quarterly Investment Report for the period ending December 31, 2021.
Mr. Pilar Rodriguez reviewed the Quarterly Investment Report for the period ending December 31, 2021.
2. 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 5:33 p.m.

PUBLIC COMMENT

No Comments.

1. 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 365 Tollway Project Financing Activities – Richard Ramirez, Hilltop Securities.
Mr. Richard Ramirez (Hilltop Securities), Troy Madres (Morgan Stanley), and Dave Gordon (Estrada Hinojosa) reported on the 365 Tollway Project Financing Activities. No action taken.
- C. Report on Overweight/Oversized Vehicle Permits Issued in 2021 – Pilar Rodriguez, HCRMA.
Mr. Pilar Rodriguez reported on the Overweight/Oversized Vehicle Permits Issued in 2021. No action taken.

2. CONSENT AGENDA.

Motion by Frank Pardo, with a second by Paul Moxley, to approve the Consent Agenda with the exception of the December 2021 Financial Reports. Motion carried unanimously.

- A. Approval of Minutes for the Regular Meeting held December 20, 2021.
Approved the Minutes for the Regular Meeting held December 20, 2021.
- B. Approval of Project & General Expense Report for the period from December 4, 2021, to January 13, 2022.
Approved the Project & General Expense Report for the period from December 4, 2021, to January 13, 2022.
- C. Approval of Financial Reports for November 2021 and December 2021.
Approved the Financial Reports for November 2021.
- D. Approval of the Quarterly Investment Report for the period ending December 31, 2021.
Approved the Quarterly Investment Report for the period ending December 31, 2021.
- E. Resolution 2022-01 – Annual approval of the Investment Policy for the Hidalgo County Regional Mobility Authority.
Approved Resolution 2022-01 – Annual approval of the Investment Policy for the Hidalgo County Regional Mobility Authority.
- F. Resolution 2022-02 – Consideration and Approval of Work Authorization 1 Supplemental 1 to the Professional Services Agreement with HDR Engineering, Inc. for a no-cost time extension for general engineering consulting services to the Hidalgo County Regional Mobility Authority.
Approved Resolution 2022-02 – Consideration and Approval of Work Authorization Number 1 Supplemental Number 1 to the Professional Services Agreement with HDR Engineering, Inc. for a no-cost time extension for general engineering consulting services to the Hidalgo County Regional Mobility Authority.
- G. Resolution 2022-03 – Consideration and Approval of Work Authorization 2 Supplemental 2 to the Professional Services Agreement with HDR Engineering, Inc. for a no-cost time extension for general engineering consulting services to the Hidalgo County Regional Mobility Authority.
Approved Resolution 2022-03 – Consideration and Approval of Work Authorization Number 2 Supplemental Number 2 to the Professional Services Agreement with HDR Engineering, Inc. for a no-cost time extension for general engineering consulting services to the Hidalgo County Regional Mobility Authority.

H. Resolution 2022-04 – Consideration and Approval of Work Authorization 3 Supplemental 1 to the Professional Services Agreement with HDR Engineering, Inc. for a no-cost time extension for general engineering consulting services to the Hidalgo County Regional Mobility Authority.

Approved Resolution 2022-04 – Consideration and Approval of Work Authorization Number 3 Supplemental Number 1 to the Professional Services Agreement with HDR Engineering, Inc. for a no-cost time extension for general engineering consulting services to the Hidalgo County Regional Mobility Authority.

3. REGULAR AGENDA

A. Resolution 2022-05 – Consideration and Approval of amendment to the Hidalgo County Regional Mobility Authority Overweight/Oversized Vehicle Permit Corridor designating additional route of US 281 Military Highway from FM1015 East to the Hidalgo/Cameron County line.

Motion by Forrest Runnels, with a second by Ezequiel Reyna, to approve Resolution 2022-05 – Consideration and Approval of amendment to the Hidalgo County Regional Mobility Authority Overweight/Oversized Vehicle Permit Corridor designating additional route of US 281 Military Highway from FM1015 East to the Hidalgo/Cameron County line. Motion carried unanimously.

B. Resolution 2022-06 – Consideration and Approval of Utility Relocation Agreement with Enbridge for the 365 Tollway Project.

Motion by Frank Pardo, with a second by Paul Moxley, to approve Resolution 2022-06 – Consideration and Approval of Utility Relocation Agreement with Enbridge in the amount of \$982,275.00 for the 365 Tollway Project. Motion carried unanimously.

C. Resolution 2022-07 -- Consideration and Approval of Contract Amendment No. 1 to the construction contract with Pulice Construction Inc. for the 365 Tollway Project from US 281/Military Highway to FM 396 (Anzalduas Highway).

Motion by Ezequiel Reyna, with a second by Paul Moxley, to approve Resolution 2022-07 – Consideration and Approval of Contract Amendment No. 1 to the construction contract with Pulice Construction Inc. for the 365 Tollway Project from US 281/Military Highway to FM 396 (Anzalduas Highway). Motion carried unanimously.

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 Attorney on legal issues pertaining to the acquisition, including the use of Eminent Domain, for property required to complete the project alignments of the 365 Tollway Project (Sections 551.071 and 551.072 T.G.C.).

No action taken

B. Consultation with Attorney on personnel matters related annual evaluation of the Executive Director (551.074 T.G.C.)

No action taken

- C. Consultation with Attorney on legal issues pertaining to an Interlocal Cooperative Agreement with the City of Mission to provide Right of Way Acquisition Services (Section 551.071 T. G.C.)
No action taken.
- D. Consultation with 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.
- E. Consultation with Attorney on legal issues pertaining to Professional Service Agreements for Engineering, Surveying and Environmental Services (Section 551.071 T.G.C.).
No action taken.
- F. Consultation with Attorney on legal issues pertaining to the acquisition of real property for various parcels for the 365 Tollway Project and International Bridge Trade Corridor Project (Sections 551.071 and 551.072 T.G.C.).
No action taken.
- G. Consultation with 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.
- H. Consultation with Attorney on legal issues pertaining to the issuance of one or more Series of Hidalgo County Regional Mobility Authority bonds and related agreements and provisions relating to the subject (Section 551.071 T.G.C.).
No action taken.
- I. Consultation with Attorney on personnel matters related to the COVID-19 pandemic (Section 551.074 T.G.C.).
No action taken.

ADJOURNMENT

There being no other business to come before the Board of Directors, motion by Alonzo Cantu, with a second by Ezequiel Reyna, to adjourn the meeting at 6:13 p.m.

S. David Deanda, Jr, Chairman

Attest:

Ezequiel Reyna, Jr., Secretary/Treasurer

Item 2B

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u>X</u>	AGENDA ITEM	<u>2B</u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u>02/14/22</u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u>02/22/22</u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: APPROVAL OF PROJECT AND GENERAL EXPENSE REPORT FROM JANUARY 14, 2022, TO FEBRUARY 7, 2022
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Consideration and approval of project and general expense report for the period from January 14, 2022, to February 7, 2022
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	\$ 106,181.61
Disbursement Account	\$ 147,594.50
VRF Series 2020A	\$ 1,146,978.20
Total Project Expenses for Reporting Period	\$ 1,400,754.31

Fund Balance after Expenses	\$ 7,118,730.62
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5. Staff Recommendation: Motion to approve the project and general expense report for the January 14, 2022, to February 7, 2022, as presented.
6. Planning Committee's Recommendation: Approved Disapproved X None
7. Finance Committee's Recommendation: Approved Disapproved X None
8. Board Attorney's Recommendation: Approved Disapproved X None
9. Chief Auditor's Recommendation: Approved Disapproved X None
10. Chief Financial Officer's Recommendation: X Approved Disapproved None
11. 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 14, 2022
Re: **Expense Report for the Period from January 14, 2022, to February 7, 2022**

Attached is the expense report for the period commencing on January 14, 2022, to February 7, 2022.

Expenses for the General Account total \$106,181.61, Disbursement Account total \$147,594.50 and the VRF Series 2020A Account is \$1,146,978.20. The aggregate expense for the reporting period is \$1,400,754.31.

Based on review by this office, **approval of expenses for the reporting period is recommended in the aggregate amount of \$1,400,754.31.**

This leaves a fund balance (all funds) after expenses of \$7,118,730.62.

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



Jan. 14 - Feb. 7

Feb. 2022

Plains Capital 41

Make Check Payable to	Date Work Performed	Amount
City of Pharr	January 2022 \$	78,518.87
Office Depot	February 2022 \$	213.08
A-Fast Delivery, LLC	January 2022 \$	183.25
Copy Zone	January 2022 \$	1,077.21
Escobedo & Cardenas, LLP	January 2022 \$	60.00
Pathfinder Public Affairs	February 2022 \$	10,000.00
City of Pharr	January 2022 \$	205.00
City of Pharr	February 2022 \$	4,480.00
City of Pharr	January 2022 \$	4,305.00
City of Pharr	February 2022 \$	450.00
Xerox Financial Services	01/01/22-02/28/22 \$	591.60
Xerox Financial Services	2/1/22-02/2/22 \$	194.05
Pena Designs	January 2022 \$	200.00
Maria Alaniz	Thru 2/4/2022 \$	53.76
San Miguel Lawn Care Services	February 2022 \$	465.00
Credit Card Services	1/04/2022-2/03/2022 \$	1,590.00
Credit Card Services	1/04/2022-2/03/2022 \$	2,530.07
Credit Card Services	1/04/2022-2/03/2022 \$	1,064.72
		\$ 106,181.61

Wilmington Trust 45/Capital Projects

Escobedo & Cardenas, LLP	January 2022 \$	33,586.00
Blanton & Associates, Inc.	1/1/22-1/31/22 \$	1,642.48
Blanton & Associates, Inc.	1/3/22-1/31/22 \$	4,001.04
HDR Engineering, Inc.	12/26/2021-1/29/2022 \$	2,454.73
HDR Engineering, Inc.	12/26/2021-1/29/2022 \$	3,780.64
HDR Engineering, Inc.	12/26/2021-1/29/2022 \$	3,199.59
HDR Engineering, Inc.	12/26/2021-1/29/2022 \$	5,609.55
HDR Engineering, Inc.	1/7/2022-1/29/2022 \$	12,708.86
HDR Engineering, Inc.	11/15/2021-01/29/2022 \$	78,536.61
San Miguel Lawn Care Services	2/3/2022 \$	625.00
San Miguel Lawn Care Services	2/2/2022 \$	600.00
San Miguel Lawn Care Services	2/2/2022 \$	850.00
		\$ 147,594.50

Wilmington Trust 46/VRF Series 2020A

Hidalgo County Irrigation District No. 2	Feb. 2022 \$	1,108,308.48	Paid
Garza & Associates	Jan. 2022 \$	4,500.00	
Melden & Hunt	10/01/2021-10/12/2021 \$	2,105.00	
Saenz Oil & Gas Services	Jan. 2022 \$	26,564.72	
Sendero Acquisitions, LP	Jan. 2022 \$	5,500.00	
		\$ 1,146,978.20	

Sub Total - General -41	\$ 106,181.61
Sub Total - Capital Projects -45	\$ 147,594.50
Sub Total - VRF Series 2020A	\$ 1,146,978.20
Total	\$ 1,400,754.31

Approved:

S. David Deanda, Jr., Chairman

Recommend Approval:

Pilar Rodriguez, Executive Director

Approved:

Ezequiel Reyna, Jr., Secretary/Treasurer

Date:

2/22/2022

Item 2C

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<input checked="" type="checkbox"/>	AGENDA ITEM	<u>2C</u>
PLANNING COMMITTEE	<input type="checkbox"/>	DATE SUBMITTED	<u>02/15/22</u>
FINANCE COMMITTEE	<input type="checkbox"/>	MEETING DATE	<u>02/22/22</u>
TECHNICAL COMMITTEE	<input type="checkbox"/>		

1. Agenda Item: APPROVAL OF THE FINANCIAL REPORT FOR THE MONTHS OF DECEMBER 2021 AND JANUARY 2022
2. Nature of Request: (Brief Overview) Attachments: Yes No
Consideration and approval of financial report for the months of December 2021 and January 2022.
3. Policy Implication: Board Policy, Local Government Code, Texas Government Code, Texas Transportation Code, TxDOT Policy
4. Budgeted: Yes No N/A
Funding Source:
5. Staff Recommendation: Motion to approve the Financial Report for the months of December 2021 and January 2022, as presented.
6. Planning Committee's Recommendation: Approved Disapproved None
7. Finance 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 CO. REGIONAL MOBILITY AUTHORITY
STATEMENT OF NET POSITION DECEMBER 31, 2021

ASSETS		
CURRENT ASSETS		
Cash	\$	90,420
Investment-Cap. Projects nonrestricted		27,544
Pool Investments		3,378,352
Promises-Prepaid/Escrow Overweight Permit Fees		122,300
Accounts Receivable - VR Fees		525,140
Accounts Receivable - Promises		6,831
Prepaid expense		18,198
Prepaid bond insurances		<u>298,229</u>
Total Current Assets		<u>4,467,014</u>
RESTRICTED ASSETS		
Construction 2020A Series		5,001,700
Investment-2020 debt service		206,079
Investment-debt service		125,120
Investment-debt service jr. lien		<u>6,255,930</u>
Total Restricted Assets		<u>11,588,829</u>
CAPITAL ASSETS		
Land-ROW		914,934
Land-environmental		441,105
Leasehold improvements		285,923
Office equipment/other		40,946
Road-BSIF		3,010,637
Construction in progress		125,736,292
Accumulated depreciation		<u>(193,927)</u>
Total Capital Assets		<u>130,235,910</u>
DEFERRED OUTFLOW OF RESOURCES		
Deferred charges on refunding		<u>4,102,032</u>
Total Deferred Outflows		<u>4,102,032</u>
TOTAL ASSETS and DEFERRED OUTFLOWS OF RESOURCES		
	<u>\$</u>	<u>150,393,785</u>
LIABILITIES AND NET POSITION		
CURRENT LIABILITIES		
Accounts payable	\$	155,712
Accounts payable-City of Pharr		139,772
Unearned Revenue - Overweight Permit Escrow		122,300
Current Portion of Bond Premium 2013		53,043
Current Portion of Bond Premium 2020A		<u>45,256</u>
Total Current Liabilities		<u>516,083</u>
RESTRICTED LIABILITIES		
Accrued interest payable		218,151
Accounts payable		43,122
Current Portion of Long-Term 2020 Debt		810,000
Current Portion of Long-Term Debt 2013		<u>1,360,000</u>
Total Restricted Liabilities		<u>2,431,273</u>
LONG-TERM LIABILITIES		
2013 VRF Bonds Payable		1,425,000
2020 Series A Bonds Payable		9,870,000
2020 Series B Bonds Payable		56,400,000
Jr. Lien Bonds		23,377,510
Bond premium 2013VRF		53,403
Bond premium 2020A		<u>1,255,852</u>
Total Long-Term Liabilities		<u>92,381,765</u>
Total Liabilities		<u>95,329,121</u>
NET POSITION		
Investment in Capital Assets, Net of Related Debt		44,428,305
Restricted for:		
Debt Service		4,155,856
Unrestricted		<u>6,480,503</u>
Total Net Position		<u>55,064,664</u>
TOTAL LIABILITIES AND NET POSITION		
	<u>\$</u>	<u>150,393,785</u>



Pharr, TX

Balance Sheet

Account Summary

As Of 12/31/2021

Account	Name	Balance
Fund: 41 - HCRMA-GENERAL		
Assets		
<u>41-1-1100-000</u>	GENERAL OPERATING	90,419.68
<u>41-1-1102-000</u>	POOL INVESTMENTS	3,378,351.36
<u>41-1-1113-000</u>	ACCOUNTS RECEIVABLES-VR FEES	525,140.00
<u>41-1-1113-009</u>	ACCOUNTS RECEIVABLE- PROMILES	6,831.00
<u>41-1-1113-100</u>	PROMILES-PREPAID/ESCROW OVERWE	122,300.56
<u>41-1-1601-000</u>	PREPAID EXPENSE	18,197.70
<u>41-1-1601-001</u>	PREPAID BOND INSURANCE	298,228.97
<u>41-1-1700-001</u>	DEFERRED CHARGES ON REFUNDING	4,102,032.04
<u>41-1-1910-001</u>	LAND - RIGHT OF WAY	914,933.99
<u>41-1-1910-002</u>	LAND - ENVIRONMENTAL	441,105.00
<u>41-1-1920-004</u>	LEASEHOLD IMPROV.	285,923.12
<u>41-1-1922-000</u>	ACCUM DEPR - BUILDINGS	-79,128.53
<u>41-1-1940-001</u>	OFFICE FURNITURE & FIXTURES	32,339.94
<u>41-1-1940-002</u>	COMPUTER/SOFTWARE	8,606.51
<u>41-1-1942-000</u>	ACCUM DEPR - MACH & EQUIP	-13,444.21
<u>41-1-1950-001</u>	ROADS - BSIF	3,010,636.97
<u>41-1-1952-000</u>	ACCUM DEPR - INFRASTRUCTURE	-101,354.57
<u>41-1-1960-000</u>	CONSTRUCTION IN PROGRESS	125,736,292.49
	Total Assets:	<u>138,777,412.02</u>
Liability		
<u>41-2-1212-000</u>	ACCOUNTS PAYABLE	5,436.24
<u>41-2-1212-001</u>	A/P CITY OF PHARR	139,771.99
<u>41-2-1213-009</u>	CURRENT-UNAMORTIZED PREMIUM	53,043.39
<u>41-2-1213-010</u>	CURRENT- UNAMORTIZED- PREM 2020A	45,255.92
<u>41-2-1213-012</u>	BONDS PAYABLE CURRENT- 2020B	810,000.00
<u>41-2-1213-100</u>	UNEARNED REV.-OVERWEIGHT	122,300.56
<u>41-2-1214-001</u>	BONDS PAYABLE-CURRENT	1,360,000.00
<u>41-2-1214-002</u>	BONDS PAYABLE-LONG TERM PORTIO	1,425,000.00
<u>41-2-1214-003</u>	UNAMORTIZED PREMIUM ON BOND	53,403.39
<u>41-2-1214-004</u>	UNAMORTIZED PREM- 2020A	1,255,851.78
<u>41-2-1214-010</u>	LONG TERM BONDS- JR LIEN	23,377,510.34
<u>41-2-1214-011</u>	LONG TERM BONDS- 2020A	9,870,000.00
<u>41-2-1214-012</u>	LONG TERM BONDS- 2020B	56,400,000.00
	Total Liability:	<u>94,917,573.61</u>
Equity		
<u>41-3-3400-000</u>	FUND BALANCE	41,689,825.95
	Total Beginning Equity:	<u>41,689,825.95</u>
Total Revenue		8,028,700.57
Total Expense		5,858,688.11
Revenues Over/Under Expenses		<u>2,170,012.46</u>
	Total Equity and Current Surplus (Deficit):	<u>43,859,838.41</u>
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>138,777,412.02</u>



Pharr, TX

Income Statement**Account Summary**

For Fiscal: 2021 Period Ending: 12/31/2021

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Fund: 41 - HCRMA-GENERAL						
Revenue						
41-4-1504-000	VEHICLE REGISTRATION FEES	6,500,000.00	6,500,000.00	525,140.00	6,966,590.00	-466,590.00
41-4-1505-005	PROMILES-OW/OS PERMIT FEES	1,000,000.00	1,000,000.00	71,226.00	1,060,371.00	-60,371.00
41-4-1506-000	INTEREST REVENUE	15,000.00	15,000.00	211.37	1,739.57	13,260.43
	Revenue Total:	7,515,000.00	7,515,000.00	596,577.37	8,028,700.57	-513,700.57
Expense						
41-52900-1100-000	SALARIES	538,184.00	538,184.00	70,381.94	497,934.33	40,249.67
41-52900-1104-000	OVERTIME	500.00	500.00	0.00	204.57	295.43
41-52900-1105-000	FICA	45,608.00	45,608.00	3,361.03	31,056.96	14,551.04
41-52900-1106-000	HEALTH INSURANCE	29,000.00	29,000.00	2,473.00	26,963.44	2,036.56
41-52900-1115-000	EMPLOYEES RETIREMENT	45,608.00	45,608.00	5,043.97	35,935.68	9,672.32
41-52900-1116-000	PHONE ALLOWANCE	6,300.00	6,300.00	588.45	5,296.05	1,003.95
41-52900-1117-000	CAR ALLOWANCE	22,800.00	22,800.00	1,800.00	16,200.00	6,600.00
41-52900-1122-000	EAP- ASSISTANCE PROGRAM	0.00	0.00	5.36	64.32	-64.32
41-52900-1178-000	ADMIN FEE	9,750.00	9,750.00	1,350.00	10,350.00	-600.00
41-52900-1179-000	CONTINGENCY	28,400.00	28,400.00	0.00	0.00	28,400.00
41-52900-1200-000	OFFICE SUPPLIES	12,000.00	12,000.00	977.87	4,600.39	7,399.61
41-52900-1603-000	BUILDING REMODEL	70,000.00	70,000.00	1,056.00	19,146.74	50,853.26
41-52900-1604-000	MAINTENANCE & REPAIR	25,000.00	25,000.00	507.50	17,794.22	7,205.78
41-52900-1605-000	JANITORIAL	1,000.00	1,000.00	43.88	51.67	948.33
41-52900-1606-000	UTILITIES	2,800.00	2,800.00	524.11	2,937.29	-137.29
41-52900-1607-000	CONTRACTUAL ADM/IT SERVICES	8,500.00	8,500.00	650.00	7,555.00	945.00
41-52900-1607-001	CONTRACTUAL SERVICES	0.00	0.00	3,750.00	3,750.00	-3,750.00
41-52900-1610-000	DUES & SUBSCRIPTIONS	15,000.00	15,000.00	0.00	13,861.09	1,138.91
41-52900-1610-001	SUBSCRIPTIONS-SOFTWARE	500.00	500.00	4.49	718.65	-218.65
41-52900-1611-000	POSTAGE/FEDEX/COURTIER	2,500.00	2,500.00	388.51	2,157.01	342.99
41-52900-1620-000	GENERAL LIABILITY	3,000.00	3,000.00	0.00	2,902.60	97.40
41-52900-1621-000	INSURANCE-E&O	1,500.00	1,500.00	0.00	1,465.10	34.90
41-52900-1622-000	INSURANCE-SURETY	800.00	800.00	693.96	693.96	106.04
41-52900-1623-000	INSURANCE-LETTER OF CREDIT	500.00	500.00	0.00	500.00	0.00
41-52900-1623-001	INSURANCE-OTHER	3,000.00	3,000.00	0.00	10,369.95	-7,369.95
41-52900-1623-002	INSURANCE-CYBERSECURITY	2,500.00	2,500.00	0.00	3,200.22	-700.22
41-52900-1630-000	BUSINESS MEALS	500.00	500.00	0.00	0.00	500.00
41-52900-1640-000	ADVERTISING	4,000.00	4,000.00	0.00	0.00	4,000.00
41-52900-1650-000	TRAINING	8,000.00	8,000.00	720.00	3,807.00	4,193.00
41-52900-1660-000	TRAVEL	10,000.00	10,000.00	65.97	791.29	9,208.71
41-52900-1662-000	PRINTING & PUBLICATIONS	8,000.00	8,000.00	1,793.02	6,630.37	1,369.63
41-52900-1703-000	BANK SERVICE CHARGES	100.00	100.00	0.00	0.00	100.00
41-52900-1705-000	ACCOUNTING FEES	30,000.00	30,000.00	410.00	29,210.00	790.00
41-52900-1710-000	LEGAL FEES	65,000.00	65,000.00	2,470.00	28,550.75	36,449.25
41-52900-1710-001	LEGAL FEES-GOV.AFFAIRS	120,000.00	120,000.00	-10,000.00	120,000.00	0.00
41-52900-1712-000	FINANCIAL CONSULTING FEES	4,000.00	4,000.00	0.00	4,005.00	-5.00
41-52900-1712-001	INSURANCE CONSULTANT	10,000.00	10,000.00	0.00	0.00	10,000.00
41-52900-1715-000	RENT-OFFICE	54,000.00	54,000.00	4,480.00	53,760.00	240.00
41-52900-1715-001	RENT-OFFICE EQUIPMENT	8,500.00	8,500.00	591.60	7,148.87	1,351.13
41-52900-1715-002	RENT-OTHER	500.00	500.00	0.00	0.00	500.00
41-52900-1716-000	CONTRACTUAL WEBSITE SERVICES	2,400.00	2,400.00	400.00	2,600.00	-200.00
41-52900-1731-000	MISCELLANEOUS	500.00	500.00	0.00	0.00	500.00
41-52900-1732-000	PENALTIES & INTEREST	100.00	100.00	0.00	0.00	100.00
41-52900-1794-000	DEPRECIATION EXPENSE	0.00	0.00	137,069.78	137,069.78	-137,069.78
41-52900-1796-000	DEBT INTEREST	0.00	0.00	0.00	402,070.20	-402,070.20
41-52900-1797-000	CAPITALIZED-WAGES	0.00	0.00	-211,346.73	-211,346.73	211,346.73

Income Statement
For Fiscal: 2021 Period Ending: 12/31/2021

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
41-52900-1798-000	CAPITALIZED-CONSTRUCTION/OTHER	0.00	0.00	-1,889,279.63	-1,889,279.63	1,889,279.63
41-52900-1799-000	PREMIUM AMORTIZATION	0.00	0.00	1,963,362.54	1,963,362.54	-1,963,362.54
41-52900-1850-000	CAPITAL OUTLAY	10,000.00	10,000.00	0.00	0.00	10,000.00
41-52900-1899-000	NON-CAPITAL	10,000.00	10,000.00	719.99	2,619.99	7,380.01
41-52900-1999-003	TRANSFER OUT TO DEBT	1,496,450.00	1,496,450.00	-1,180,062.50	193,673.14	1,302,776.86
41-52900-1999-005	TRANS OUT DEB-JR LIEN	1,126,162.00	1,126,162.00	0.00	1,126,162.00	0.00
41-52900-1999-006	TRANS OUT- 2020 DEBT SVC	2,470,095.00	2,470,095.00	-599,137.20	1,669,116.00	800,979.00
41-52900-1999-009	TRANSFER OUT-CAPITAL PROJ	700,000.00	700,000.00	135,000.00	964,000.00	-264,000.00
41-53000-1100-000	SALARIES	496,536.00	496,536.00	26,610.83	199,423.60	297,112.40
41-53000-1104-000	OVERTIME	10,500.00	10,500.00	0.00	0.00	10,500.00
41-53000-1105-000	FICA	44,968.00	44,968.00	1,744.54	14,902.22	30,065.78
41-53000-1106-000	HEALTH INSURANCE	25,000.00	25,000.00	1,236.50	13,834.88	11,165.12
41-53000-1115-000	EMPLOYEES RETIREMENT	44,968.00	44,968.00	2,120.45	16,018.47	28,949.53
41-53000-1116-000	PHONE ALLOWANCE	9,600.00	9,600.00	276.90	2,492.10	7,107.90
41-53000-1117-000	CAR ALLOWANCE	43,200.00	43,200.00	830.76	7,476.84	35,723.16
41-53000-1122-000	EAP- ASSISTANCE PROGRAM	0.00	0.00	2.68	32.16	-32.16
41-53000-1178-000	ADMN FEE	15,600.00	15,600.00	525.00	4,125.00	11,475.00
41-53000-1179-000	CONTINGENCY	27,992.00	27,992.00	0.00	0.00	27,992.00
41-53000-1200-000	OFFICE SUPPLIES	1,500.00	1,500.00	38.31	82.29	1,417.71
41-53000-1201-000	SMALL TOOLS	5,000.00	5,000.00	193.50	469.92	4,530.08
41-53000-1604-000	MAINTENCE & REPAIRS	0.00	0.00	0.00	28.58	-28.58
41-53000-1606-001	UTILITIES	0.00	0.00	117.04	227.97	-227.97
41-53000-1608-000	UNIFORMS	6,000.00	6,000.00	0.00	0.00	6,000.00
41-53000-1610-000	DUES & SUBSCRIPTIONS	2,000.00	2,000.00	0.00	740.00	1,260.00
41-53000-1610-001	SUBSCRIPTIONS - SOFTWARE	7,000.00	7,000.00	-1,500.00	7,245.07	-245.07
41-53000-1611-000	POSTAGE/FEDEX/COURTIER	500.00	500.00	42.78	67.44	432.56
41-53000-1640-000	ADVERTISING	5,000.00	5,000.00	0.00	8,576.84	-3,576.84
41-53000-1650-000	TRAINING	5,000.00	5,000.00	0.00	890.00	4,110.00
41-53000-1660-000	TRAVEL	5,000.00	5,000.00	0.00	575.32	4,424.68
41-53000-1715-000	RENT CONSTRUCTION OFFICE	2,700.00	2,700.00	0.00	0.00	2,700.00
41-53000-1715-001	RENTAL - OFFICE EQUIPMENT	0.00	0.00	194.05	2,557.45	-2,557.45
41-53000-1715-002	RENT-OTHER	500.00	500.00	0.00	989.34	-489.34
41-53000-1850-000	CAPITAL OUTLAY	62,500.00	62,500.00	0.00	7,810.04	54,689.96
41-53000-1899-000	NON-CAPITALIZED	22,000.00	22,000.00	0.00	0.00	22,000.00
41-54000-1100-000	SALARIES	426,970.00	426,970.00	17,073.57	146,386.12	280,583.88
41-54000-1104-000	OVERTIME	500.00	500.00	0.00	0.00	500.00
41-54000-1105-000	FICA	36,480.00	36,480.00	947.94	11,016.37	25,463.63
41-54000-1106-000	HEALTH INSURANCE	16,800.00	16,800.00	618.25	7,067.32	9,732.68
41-54000-1115-000	EMPLOYEES RETIREMENT	36,480.00	36,480.00	1,380.27	11,865.82	24,614.18
41-54000-1116-000	PHONE ALLOWANCE	4,800.00	4,800.00	138.45	1,246.05	3,553.95
41-54000-1117-000	CAR ALLOWANCE	21,600.00	21,600.00	830.76	7,476.84	14,123.16
41-54000-1122-000	EAP- ASSISTANCE PROGRAM	0.00	0.00	1.34	16.08	-16.08
41-54000-1178-000	ADMN FEE	7,800.00	7,800.00	225.00	2,025.00	5,775.00
41-54000-1179-000	CONTINGENCY	23,000.00	23,000.00	0.00	0.00	23,000.00
41-54000-1200-000	OFFICE SUPPLIES	500.00	500.00	0.00	568.46	-68.46
41-54000-1610-000	DUES & SUBSCRIPTIONS	2,500.00	2,500.00	0.00	407.00	2,093.00
41-54000-1610-001	SUBSCRIPTIONS-SOFTWARE	69,000.00	69,000.00	-16,120.58	48,693.01	20,306.99
41-54000-1611-000	POSTAGE/FEDEX/COURTIER	100.00	100.00	13.18	13.18	86.82
41-54000-1640-000	ADVERTISING	1,500.00	1,500.00	0.00	199.98	1,300.02
41-54000-1650-000	TRAINING	3,000.00	3,000.00	0.00	350.00	2,650.00
41-54000-1660-000	TRAVEL	2,000.00	2,000.00	0.00	0.00	2,000.00
41-54000-1850-000	CAPITAL OUTLAY	25,000.00	25,000.00	0.00	0.00	25,000.00
41-54000-1899-000	NON-CAPITALIZED	16,100.00	16,100.00	0.00	0.00	16,100.00
41-58000-1604-001	MAINTENANCE AND REPAIR -BSIF	3,000.00	3,000.00	0.00	2,325.00	675.00
41-58000-1606-002	UTILITIES - BSIF	1,000.00	1,000.00	132.97	806.54	193.46
Expense Total:		8,554,251.00	8,554,251.00	-1,511,468.60	5,858,688.11	2,695,562.89
Fund: 41 - HCRMA-GENERAL Surplus (Deficit):		-1,039,251.00	-1,039,251.00	2,108,045.97	2,170,012.46	
Total Surplus (Deficit):		-1,039,251.00	-1,039,251.00	2,108,045.97	2,170,012.46	



Pharr, TX

Bank Statement Register**GENERAL OPERATING**

Period 12/1/2021 - 12/31/2021

Bank Statement**General Ledger**

Beginning Balance	118,505.26	Account Balance	90,419.68
Plus Debits	222,824.70	Less Outstanding Debits	0.00
Less Credits	247,014.02	Plus Outstanding Credits	3,896.26
Adjustments	0.00	Adjustments	0.00
Ending Balance	94,315.94	Adjusted Account Balance	94,315.94
		Statement Ending Balance	94,315.94
		Bank Difference	0.00
		General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

41-1-1100-000 GENERAL OPERATING

Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
12/31/2021	DEP0032474	Deposit	RECORD RMA DEPOSITS DEC 21	64,395.00
				Total Cleared Deposits (1)
				64,395.00

Cleared Checks

Item Date	Reference	Item Type	Description	Amount
09/29/2021	2548	Check	ADVANCE PUBLISHING LLC	-848.25
11/24/2021	2562	Check	COPYZONE	-937.76
11/24/2021	2565	Check	WILMINGTON TRUST FEE COLLECTIONS	-4,000.00
11/24/2021	2568	Check	CARPET EXPRESS	-1,386.09
11/24/2021	2570	Check	CHARISMA REMODELING SERVICES, LLC	-7,053.00
12/22/2021	2571	Check	A FAST DELIVERY	-206.50
12/22/2021	2572	Check	COPYZONE	-837.24
12/22/2021	2573	Check	OFFICE DEPOT	-772.24
12/22/2021	2575	Check	XEROX CORPORATION	-194.05
12/22/2021	2576	Check	XEROX CORPORATION	-591.60
				Total Cleared Checks (10)
				-16,826.73

Cleared Other

Item Date	Reference	Item Type	Description	Amount
11/30/2021	DFT0005176	Bank Draft	PATHFINDER PUBLIC AFFAIRS	-10,000.00
12/01/2021	DFT0005177	Bank Draft	CITY OF PHARR	-205.00
12/01/2021	DFT0005178	Bank Draft	CITY OF PHARR	-4,480.00

Cleared Other

Item Date	Reference	Item Type	Description	Amount
12/01/2021	DFT0005179	Bank Draft	CITY OF PHARR	-4,305.00
12/01/2021	DFT0005180	Bank Draft	CITY OF PHARR	-650.00
12/02/2021	DFT0005181	Bank Draft	PENA DESIGNS	-200.00
12/03/2021	DFT0005175	Bank Draft	ESCOBEDO & CARDENAS, LLP	-75.00
12/05/2021	DFT0005182	Bank Draft	PLAINS CAPITAL-CREDIT CARD SERVICES	-573.90
12/06/2021	DFT0005183	Bank Draft	PLAINS CAPITAL-CREDIT CARD SERVICES	-1,428.00
12/08/2021	DFT0005174	Bank Draft	BRACEWELL LLP ATTORNEYS AT LAW	-680.00
12/31/2021	DFT0005066	Bank Draft	CITY OF PHARR	-72,590.39
12/31/2021	DFT0005184	Bank Draft	TO RECORD RMA TRANSFER OUT DEC 21	-135,000.00
12/31/2021	MISC0000802	Miscellaneous	TO RECORD RMA WT 106912-000 ACTIVITY I	158,429.70
			Total Cleared Other (13)	-71,757.59

Outstanding Checks

Item Date	Reference	Item Type	Description	Amount
10/27/2021	2555	Check	ADVANCE PUBLISHING LLC	-73.13
11/24/2021	2561	Check	ADVANCE PUBLISHING LLC	-73.13
12/22/2021	2574	Check	PROFESSIONAL APPRAISAL SERVICE, INC	-3,750.00
			Total Outstanding Checks (3)	-3,896.26



Pharr, TX

Bank Statement Register

POOL INVESTMENTS

Period 12/1/2021 - 12/31/2021

02/2/22

Bank Statement

Beginning Balance	3,378,139.99
Plus Debits	211.37
Less Credits	0.00
Adjustments	0.00
Ending Balance	3,378,351.36

General Ledger

Account Balance	3,378,351.36
Less Outstanding Debits	0.00
Plus Outstanding Credits	0.00
Adjustments	0.00
Adjusted Account Balance	3,378,351.36

Statement Ending Balance	3,378,351.36
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

41-1-1102-000

POOL INVESTMENTS

Cleared Other

Item Date	Reference	Item Type	Description	Amount
12/31/2021	<u>INT0000857</u>	Interest	TO RECORD RMA DECEMBER INTEREST	211.37
Total Cleared Other (1)				211.37

Balance Sheet

As Of 12/31/2021

Account Name Balance
Fund: 42 - HCRMA-DEBT SERVICE

Assets

<u>42-1-4105-000</u>	WILMINGTON-DEBT SERVICE	125,119.57
<u>42-1-4105-001</u>	DEBT SVC - JR LIEN	6,255,930.48
<u>42-1-4105-002</u>	DEBT SERVICE- 2020 SERIES	206,078.69
	Total Assets:	6,587,128.74

Liability

<u>42-2-4214-005</u>	ACCRUED EXPENSES	68,184.42
<u>42-2-4214-006</u>	ACCRUED INTEREST PAY-2013	11,604.17
<u>42-2-4214-007</u>	ACCRUED INTEREST PAY- 2020 SERIES	138,362.83
	Total Liability:	218,151.42

Equity

<u>42-3-4400-000</u>	FUND BALANCE	5,710,256.78
	Total Beginning Equity:	5,710,256.78
Total Revenue		2,993,811.45
Total Expense		2,335,090.91
Revenues Over/Under Expenses		658,720.54
	Total Equity and Current Surplus (Deficit):	6,368,977.32
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>6,587,128.74</u>



Pharr, TX

Income Statement

Account Summary

For Fiscal: 2021 Period Ending: 12/31/2021

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Fund: 42 - HCRMA-DEBT SERVICE						
Revenue						
42-4-1506-000	INTEREST INCOME	0.00	0.00	28.12	182.06	-182.06
42-4-1506-001	INTEREST INCOME-JR LIEN	0.00	0.00	391.38	4,499.98	-4,499.98
42-4-1506-002	INTEREST 2020 SERIES	0.00	0.00	105.84	178.27	-178.27
42-4-1999-000	TRANSFERS IN-FROM GENERAL FUND	0.00	0.00	-1,779,199.70	2,988,951.14	-2,988,951.14
	Revenue Total:	0.00	0.00	-1,778,674.36	2,993,811.45	-2,993,811.45
Expense						
42-52900-4703-001	INTEREST EXPENSE-VRF 13 BOND	0.00	0.00	107,329.17	187,100.17	-187,100.17
42-52900-4703-003	INTEREST EXPENSE-SIB BOND	0.00	0.00	68,184.42	477,290.85	-477,290.85
42-52900-4703-005	INTEREST EXPENSE- 2020 SERIES	0.00	0.00	970,910.36	1,664,699.89	-1,664,699.89
42-52900-4727-000	FEES	0.00	0.00	0.00	6,000.00	-6,000.00
	Expense Total:	0.00	0.00	1,146,423.95	2,335,090.91	-2,335,090.91
Fund: 42 - HCRMA-DEBT SERVICE Surplus (Deficit):						
	Total Surplus (Deficit):	0.00	0.00	-2,925,098.31	658,720.54	
		0.00	0.00	-2,925,098.31	658,720.54	



Pharr, TX

Bank Statement Register**WILMINGTON-DEBT SERVICE**

Period 12/1/2021 - 12/31/2021

*01/12/2022***Bank Statement****General Ledger**

Beginning Balance	1,400,878.95	Account Balance	125,119.57
Plus Debits	1,363,688.25	Less Outstanding Debits	0.00
Less Credits	2,639,447.63	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	125,119.57	Adjusted Account Balance	125,119.57
		Statement Ending Balance	125,119.57
		Bank Difference	0.00
		General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-4105-000

WILMINGTON-DEBT SERVICE

Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
12/31/2021	DEP0032311	Deposit	TO RECORD RMC WT 106912-001 ACTIVITY I	1,363,296.87
				Total Cleared Deposits (1)
				1,363,296.87

Cleared Other

Item Date	Reference	Item Type	Description	Amount
12/31/2021	INT0000858	Interest	RMA DEBT SERVICE LOGIC INTEREST DEC 2:	391.38
12/31/2021	INTR0000004	Interest Reversal	TO REMOVE INTEREST ON WRONG ACCOUNT	-391.38
12/31/2021	MISC0000806	Miscellaneous	TO RECORD RMC WT 106912-001 ACTIVITY I	-2,639,056.25
				Total Cleared Other (3)
				-2,639,056.25



Pharr, TX

Bank Statement Register

DEBT SVC - JR LIEN

Period 12/1/2021 - 12/31/2021

02/2022

Bank Statement

	General Ledger
Beginning Balance	6,255,539.10
Plus Debits	391.38
Less Credits	0.00
Adjustments	0.00
Ending Balance	6,255,930.48
Statement Ending Balance	6,255,930.48
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-4105-001 DEBT SVC - JR LIEN

Cleared Other

Item Date	Reference	Item Type	Description	Amount
12/31/2021	<u>INT0000860</u>	Interest	TO RECORD INTEREST ON RMC DEBT SERVIC	391.38
Total Cleared Other (1)				391.38



Pharr, TX

Bank Statement Register

INVESTMENTS D/S 2020 SERIES -

Period 12/1/2021 - 12/31/2021

01/2/22

Bank Statement

General Ledger

Beginning Balance	1,637,657.58	Account Balance	206,078.69
Plus Debits	205,968.64	Less Outstanding Debits	0.00
Less Credits	1,637,547.53	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	206,078.69	Adjusted Account Balance	206,078.69
		Statement Ending Balance	206,078.69
		Bank Difference	0.00
		General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-4105-002 DEBT SERVICE- 2020 SERIES

Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
12/31/2021	DEP0032310	Deposit	TO RECORD RMC WT 143255-001 ACTIVITY I	205,968.64
Total Cleared Deposits (1)				205,968.64

Cleared Other

Item Date	Reference	Item Type	Description	Amount
12/31/2021	SVC0000345	Service Charge	TO RECORD RMC WT 143255-001 ACTIVITY I	-1,637,547.53
Total Cleared Other (1)				-1,637,547.53

Balance Sheet

As Of 12/31/2021

Account Name Balance
Fund: 45 - HCRMA - CAP.PROJECTS FUND

Assets

<u>45-1-1102-000</u>	Pool Investment	27,544.09
	Total Assets:	<u>27,544.09</u>
		<u>27,544.09</u>

Liability

<u>45-2-1212-000</u>	Accounts Payable	150,276.01
	Total Liability:	<u>150,276.01</u>
		<u>150,276.01</u>

Equity

<u>45-3-1400-000</u>	Fund Balance	-19,007.46
	Total Beginning Equity:	<u>-19,007.46</u>
		<u>-19,007.46</u>

Total Revenue		1,054,012.51
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Total Expense		1,157,736.97
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Revenues Over/Under Expenses		<u>-103,724.46</u>
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	Total Equity and Current Surplus (Deficit):	<u>-122,731.92</u>
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	Total Liabilities, Equity and Current Surplus (Deficit):	<u>27,544.09</u>
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Pharr, TX

Income Statement**Account Summary**

For Fiscal: 2021 Period Ending: 12/31/2021

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Fund: 45 - HCRMA - CAP.PROJECTS FUND						
Revenue						
45-4-1506-000	Interest Revenue	0.00	0.00	0.68	12.51	-12.51
45-4-1999-000	TRANSFER IN - GENERAL FUND	0.00	0.00	135,000.00	964,000.00	-964,000.00
45-4-4710-000	CITY CONTRIBUTIONS	0.00	0.00	0.00	90,000.00	-90,000.00
	Revenue Total:	0.00	0.00	135,000.68	1,054,012.51	-1,054,012.51
Expense						
45-52900-8800-000	Consulting & Engineering	0.00	0.00	219,430.74	816,570.27	-816,570.27
45-52900-8810-000	SH 365- Enviorrnental	0.00	0.00	0.00	19,646.45	-19,646.45
45-52900-8810-001	SH 365-Design	0.00	0.00	-440,070.95	0.00	0.00
45-52900-8810-003	365 RIGHT OF WAY	0.00	0.00	511,072.47	10,183.35	-10,183.35
45-52900-8810-004	365 UTILITIES RELOCATION	0.00	0.00	-69,858.78	1,450.00	-1,450.00
45-52900-8820-000	IBTC - Enviorrnental	0.00	0.00	8,259.30	91,409.21	-91,409.21
45-52900-8820-003	IBTC - ROW	0.00	0.00	0.00	47,030.07	-47,030.07
45-52900-8841-000	LEGAL FEES	0.00	0.00	55,152.62	171,447.62	-171,447.62
	Expense Total:	0.00	0.00	283,985.40	1,157,736.97	-1,157,736.97
Fund: 45 - HCRMA - CAP.PROJECTS FUND Surplus (Deficit):						
		0.00	0.00	-148,984.72	-103,724.46	
Fund: 46 - HCRMA- VRF SERIES 2020A						
Revenue						
46-4-1506-000	INTEREST REVENUE	0.00	0.00	315.10	3,041.54	-3,041.54
	Revenue Total:	0.00	0.00	315.10	3,041.54	-3,041.54
Expense						
46-52900-8810-001	365 DESIGN	0.00	0.00	440,070.95	440,070.95	-440,070.95
46-52900-8810-003	365 RIGHT OF WAY	0.00	0.00	-500,929.73	101,857.47	-101,857.47
46-52900-8810-004	365 UTILITY RELOCATIONS	0.00	0.00	144,721.05	162,657.46	-162,657.46
	Expense Total:	0.00	0.00	83,862.27	704,585.88	-704,585.88
Fund: 46 - HCRMA- VRF SERIES 2020A Surplus (Deficit):						
		0.00	0.00	-83,547.17	-701,544.34	
	Total Surplus (Deficit):	0.00	0.00	-232,531.89	-805,268.80	



Pharr, TX

Bank Statement Register

Pool Investment

Period 12/1/2021 - 12/31/2021

12/2/22

Bank Statement		General Ledger	
Beginning Balance	27,830.61	Account Balance	27,544.09
Plus Debits	135,000.68	Less Outstanding Debits	0.00
Less Credits	135,287.20	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	27,544.09	Adjusted Account Balance	27,544.09
		Statement Ending Balance	27,544.09
		Bank Difference	0.00
		General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

45-1-1102-000 Pool Investment

Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
12/31/2021	DEP0032309	Deposit	TO RECORD RMA WT 106912-006 ACTIVITY	135,000.68
Total Cleared Deposits (1)				135,000.68

Cleared Other

Item Date	Reference	Item Type	Description	Amount
11/17/2021	DFT0005167	Bank Draft	SAN MIGUEL LAWN CARE SERVICES	-625.00
11/30/2021	DFT0004881	Bank Draft	HIDALGO COUNTY IRRIGATION DISTRICT #2	-952.81
12/01/2021	DFT0005158	Bank Draft	BRACEWELL LLP	-12,560.00
12/01/2021	DFT0005162	Bank Draft	C&M ASSOCIATES, INV.	-46,165.19
12/01/2021	DFT0005168	Bank Draft	HIDALGO COUNTY WATER IMPROVEMENT DI	-704.43
12/03/2021	DFT0005159	Bank Draft	ESCOBEDO & CARDENAS, LLP	-14,750.00
12/03/2021	DFT0005160	Bank Draft	BLANTON & ASSOCIATES, INC.	-985.49
12/03/2021	DFT0005161	Bank Draft	BLANTON & ASSOCIATES, INC.	-2,646.73
12/03/2021	DFT0005163	Bank Draft	HDR	-31,484.37
12/03/2021	DFT0005166	Bank Draft	HDR	-10,465.30
12/03/2021	DFT0005172	Bank Draft	HDR	-7,487.02
12/03/2021	DFT0005173	Bank Draft	HDR	-5,397.55
12/06/2021	DFT0005169	Bank Draft	HIDALGO COUNTY IRRIGATION DISTRICT #2	-1,063.31
Total Cleared Other (13)				-135,287.20

Balance Sheet

As Of 12/31/2021

Account	Name	Balance
Fund: 46 - HCRMA- VRF SERIES 2020A		
Assets		
<u>46-1-1102-000</u>	INVESTMENTS	<u>5,001,700.90</u>
	Total Assets:	<u>5,001,700.90</u>
Liability		
<u>46-2-1212-000</u>	ACCOUNTS PAYABLE	<u>43,122.21</u>
	Total Liability:	<u>43,122.21</u>
Equity		
<u>46-3-3400-000</u>	FUND BALANCE	<u>5,660,123.03</u>
	Total Beginning Equity:	<u>5,660,123.03</u>
Total Revenue		3,041.54
Total Expense		704,585.88
Revenues Over/Under Expenses		<u>-701,544.34</u>
	Total Equity and Current Surplus (Deficit):	<u>4,958,578.69</u>
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>5,001,700.90</u>



Pharr, TX

Income Statement

Account Summary

For Fiscal: 2021 Period Ending: 12/31/2021

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Fund: 46 - HCRMA- VRF SERIES 2020A						
Revenue						
<u>46-4-1506-000</u>	INTEREST REVENUE	0.00	0.00	315.10	3,041.54	-3,041.54
	Revenue Total:	0.00	0.00	315.10	3,041.54	-3,041.54
Expense						
<u>46-52900-8810-001</u>	365 DESIGN	0.00	0.00	440,070.95	440,070.95	-440,070.95
<u>46-52900-8810-003</u>	365 RIGHT OF WAY	0.00	0.00	-500,929.73	101,857.47	-101,857.47
<u>46-52900-8810-004</u>	365 UTILITY RELOCATIONS	0.00	0.00	144,721.05	162,657.46	-162,657.46
	Expense Total:	0.00	0.00	83,862.27	704,585.88	-704,585.88
Fund: 46 - HCRMA- VRF SERIES 2020A Surplus (Deficit):						
	Total Surplus (Deficit):	0.00	0.00	-83,547.17	-701,544.34	
		0.00	0.00	-83,547.17	-701,544.34	



Pharr, TX

Bank Statement Register

INVESTMENTS

Period 12/1/2021 - 12/31/2021

12/2/21

Bank Statement		General Ledger	
Beginning Balance	5,044,425.86	Account Balance	5,001,700.90
Plus Debits	315.10	Less Outstanding Debits	0.00
Less Credits	43,040.06	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	5,001,700.90	Adjusted Account Balance	5,001,700.90
		Statement Ending Balance	5,001,700.90
		Bank Difference	0.00
		General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

46-1-1102-000 INVESTMENTS

Cleared Other

Item Date	Reference	Item Type	Description	Amount
10/01/2021	DFT0005171	Bank Draft	SENDERO ACQUISITIONS	-2,300.00
12/03/2021	DFT0005170	Bank Draft	SAENZ OIL & GAS SERVICES	-40,740.06
12/31/2021	INT0000861	Interest	TO RECORD RMA LOGIC 2020 PROJECT INTE	315.10
Total Cleared Other (3)				-42,724.96

HIDALGO CO. REGIONAL MOBILITY AUTHORITY
STATEMENT OF NET POSITION JANUARY 31, 2022

ASSETS		
CURRENT ASSETS		
Cash	\$	67,495
Investment-Cap. Projects nonrestricted		27,270
Pool Investments		2,154,879
Promiles-Prepaid/Escrow Overweight Permit Fees		122,300
Accounts Receivable - VR Fees		502,360
Account Receivable - Promiles		6,831
Prepaid expense		18,198
Prepaid bond insurances		<u>298,229</u>
Total Current Assets		<u>3,197,562</u>
RESTRICTED ASSETS		
Construction 2020A Series		4,958,950
Investment-2020 debt service		411,944
Investment-debt service		250,059
Investment-debt service jr. lien		<u>7,405,114</u>
Total Restricted Assets		<u>13,026,067</u>
CAPITAL ASSETS		
Land-ROW		914,934
Land-enviornmental		441,105
Leaschold improvements		285,923
Office equipment/other		40,946
Road-BSIF		3,010,637
Construction in progress		125,736,292
Accumulated depreciation		<u>(193,927)</u>
Total Capital Assets		<u>130,235,910</u>
DEFERRED OUTFLOW OF RESOURCES		
Deferred charges on refunding		<u>4,102,032</u>
Total Deferred Outflows		<u>4,102,032</u>
TOTAL ASSETS and DEFERRED OUTFLOWS OF RESOURCES		
	<u>\$</u>	<u>150,561,571</u>
LIABILITIES AND NET POSITION		
CURRENT LIABILITIES		
Accounts payable	\$	75
Accounts payable-City of Pharr		82,945
Unearned Revenue - Overweight Permit Escrow		122,300
Current Portion of Bond Premium 2013		53,043
Current Portion of Bond Premium 2020A		<u>45,256</u>
Total Current Liabilities		<u>303,619</u>
RESTRICTED LIABILITIES		
Accrued interest payable		218,151
Accounts payable		-
Current Portion of Long-Term 2020 Debt		810,000
Current Portion of Long-Term Debt 2013		<u>1,360,000</u>
Total Restricted Liabilities		<u>2,388,151</u>
LONG-TERM LIABILITIES		
2013 VRF Bonds Payable		1,425,000
2020 Series A Bonds Payable		9,870,000
2020 Series B Bonds Payable		56,400,000
Jr. Lien Bonds		23,377,510
Bond premium 2013VRF		53,403
Bond premium 2020A		<u>1,255,852</u>
Total Long-Term Liabilities		<u>92,381,765</u>
Total Liabilities		<u>95,073,535</u>
NET POSITION		
Investment in Capital Assets, Net of Related Debt		44,428,677
Restricted for:		
Debt Service		5,678,966
Unrestricted		<u>5,380,393</u>
Total Net Position		<u>55,488,036</u>
TOTAL LIABILITIES AND NET POSITION		
	<u>\$</u>	<u>150,561,571</u>



Pharr, TX

Balance Sheet

Account Summary

As Of 01/31/2022

Account	Name	Balance
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Fund: 41 - HCRMA-GENERAL

Assets

<u>41-1-1100-000</u>	GENERAL OPERATING	67,495.30
<u>41-1-1102-000</u>	POOL INVESTMENTS	2,154,879.01
<u>41-1-1113-000</u>	ACCOUNTS RECEIVABLES-VR FEES	502,360.00
<u>41-1-1113-009</u>	ACCOUNTS RECEIVABLE- PROMILES	6,831.00
<u>41-1-1113-100</u>	PROMILES-PREPARED/ESCROW OVERWE	122,300.56
<u>41-1-1601-000</u>	PREPAID EXPENSE	18,197.70
<u>41-1-1601-001</u>	PREPAID BOND INSURANCE	298,228.97
<u>41-1-1700-001</u>	DEFERRED CHARGES ON REFUNDING	4,102,032.04
<u>41-1-1910-001</u>	LAND - RIGHT OF WAY	914,933.99
<u>41-1-1910-002</u>	LAND - ENVIRONMENTAL	441,105.00
<u>41-1-1920-004</u>	LEASEHOLD IMPROV.	285,923.12
<u>41-1-1922-000</u>	ACCUM DEPR - BUILDINGS	-79,128.53
<u>41-1-1940-001</u>	OFFICE FURNITURE & FIXTURES	32,339.94
<u>41-1-1940-002</u>	COMPUTER/SOFTWARE	8,606.51
<u>41-1-1942-000</u>	ACCUM DEPR - MACH & EQUIP	-13,444.21
<u>41-1-1950-001</u>	ROADS - BSIF	3,010,636.97
<u>41-1-1952-000</u>	ACCUM DEPR - INFRASTRUCTURE	-101,354.57
<u>41-1-1960-000</u>	CONSTRUCTION IN PROGRESS	125,736,292.49
Total Assets:		<u>137,508,235.29</u>

Liability

<u>41-2-1212-000</u>	ACCOUNTS PAYABLE	75.00
<u>41-2-1212-001</u>	A/P CITY OF PHARR	82,945.03
<u>41-2-1213-009</u>	CURRENT-UNAMORTIZED PREMIUM	53,043.39
<u>41-2-1213-010</u>	CURRENT- UNAMORTIZED- PREM 2020A	45,255.92
<u>41-2-1213-012</u>	BONDS PAYABLE CURRENT- 2020B	810,000.00
<u>41-2-1213-100</u>	UNEARNED REV.-OVERWEIGHT	122,300.56
<u>41-2-1214-001</u>	BONDS PAYABLE-CURRENT	1,360,000.00
<u>41-2-1214-002</u>	BONDS PAYABLE-LONG TERM PORTIO	1,425,000.00
<u>41-2-1214-003</u>	UNAMORTIZED PREMIUM ON BOND	53,403.39
<u>41-2-1214-004</u>	UNAMORTIZED PREM- 2020A	1,255,851.78
<u>41-2-1214-010</u>	LONG TERM BONDS- JR LIEN	23,377,510.34
<u>41-2-1214-011</u>	LONG TERM BONDS- 2020A	9,870,000.00
<u>41-2-1214-012</u>	LONG TERM BONDS- 2020B	56,400,000.00
Total Liability:		<u>94,855,385.41</u>

Equity

<u>41-3-3400-000</u>	FUND BALANCE	43,859,838.41
Total Beginning Equity:		<u>43,859,838.41</u>
Total Revenue		565,458.35
Total Expense		1,772,446.88
Revenues Over/Under Expenses		<u>-1,206,988.53</u>
Total Equity and Current Surplus (Deficit):		<u>42,652,849.88</u>

Total Liabilities, Equity and Current Surplus (Deficit): 137,508,235.29



Pharr, TX

Income Statement**Account Summary**

For Fiscal: 2022 Period Ending: 01/31/2022

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Fund: 41 - HCRMA-GENERAL						
Revenue						
<u>41-4-1504-000</u>	VEHICLE REGISTRATION FEES	0.00	0.00	502,360.00	502,360.00	-502,360.00
<u>41-4-1505-005</u>	PROMILES-OW/OS PERMIT FEES	0.00	0.00	62,883.00	62,883.00	-62,883.00
<u>41-4-1506-000</u>	INTEREST REVENUE	0.00	0.00	215.35	215.35	-215.35
	Revenue Total:	0.00	0.00	565,458.35	565,458.35	-565,458.35
Expense						
<u>41-52900-1100-000</u>	SALARIES	0.00	0.00	36,182.83	36,182.83	-36,182.83
<u>41-52900-1105-000</u>	FICA	0.00	0.00	2,776.61	2,776.61	-2,776.61
<u>41-52900-1106-000</u>	HEALTH INSURANCE	0.00	0.00	2,473.00	2,473.00	-2,473.00
<u>41-52900-1115-000</u>	EMPLOYEES RETIREMENT	0.00	0.00	4,507.73	4,507.73	-4,507.73
<u>41-52900-1116-000</u>	PHONE ALLOWANCE	0.00	0.00	392.30	392.30	-392.30
<u>41-52900-1117-000</u>	CAR ALLOWANCE	0.00	0.00	1,200.00	1,200.00	-1,200.00
<u>41-52900-1122-000</u>	EAP- ASSISTANCE PROGRAM	0.00	0.00	5.36	5.36	-5.36
<u>41-52900-1178-000</u>	ADMIN FEE	0.00	0.00	750.00	750.00	-750.00
<u>41-52900-1607-000</u>	CONTRACTUAL ADM/IT SERVICES	0.00	0.00	450.00	450.00	-450.00
<u>41-52900-1607-001</u>	CONTRACTUAL SERVICES	0.00	0.00	19,000.00	19,000.00	-19,000.00
<u>41-52900-1610-000</u>	DUES & SUBSCRIPTIONS	0.00	0.00	2,710.00	2,710.00	-2,710.00
<u>41-52900-1620-000</u>	GENERAL LIABILITY	0.00	0.00	4,045.44	4,045.44	-4,045.44
<u>41-52900-1621-000</u>	INSURANCE-E&O	0.00	0.00	1,756.16	1,756.16	-1,756.16
<u>41-52900-1623-001</u>	INSURANCE-OTHER	0.00	0.00	3,332.00	3,332.00	-3,332.00
<u>41-52900-1660-000</u>	TRAVEL	0.00	0.00	21.06	21.06	-21.06
<u>41-52900-1710-001</u>	LEGAL FEES-GOV.AFFAIRS	0.00	0.00	10,000.00	10,000.00	-10,000.00
<u>41-52900-1715-000</u>	RENT-OFFICE	0.00	0.00	4,480.00	4,480.00	-4,480.00
<u>41-52900-1715-001</u>	RENT-OFFICE EQUIPMENT	0.00	0.00	591.60	591.60	-591.60
<u>41-52900-1731-000</u>	MISCELLANEOUS	0.00	0.00	8.24	8.24	-8.24
<u>41-52900-1999-003</u>	TRANSFER OUT TO DEBT	0.00	0.00	126,937.50	126,937.50	-126,937.50
<u>41-52900-1999-005</u>	TRANS OUT DEB-JR LIEN	0.00	0.00	1,152,436.00	1,152,436.00	-1,152,436.00
<u>41-52900-1999-006</u>	TRANS OUT- 2020 DEBT SVC	0.00	0.00	205,862.80	205,862.80	-205,862.80
<u>41-52900-1999-008</u>	TRANS OUT- 2020 PROJ	0.00	0.00	150,750.00	150,750.00	-150,750.00
<u>41-53000-1100-000</u>	SALARIES	0.00	0.00	14,747.69	14,747.69	-14,747.69
<u>41-53000-1105-000</u>	FICA	0.00	0.00	1,117.38	1,117.38	-1,117.38
<u>41-53000-1106-000</u>	HEALTH INSURANCE	0.00	0.00	1,236.50	1,236.50	-1,236.50
<u>41-53000-1115-000</u>	EMPLOYEES RETIREMENT	0.00	0.00	1,963.64	1,963.64	-1,963.64
<u>41-53000-1116-000</u>	PHONE ALLOWANCE	0.00	0.00	184.60	184.60	-184.60
<u>41-53000-1117-000</u>	CAR ALLOWANCE	0.00	0.00	553.84	553.84	-553.84
<u>41-53000-1122-000</u>	EAP- ASSISTANCE PROGRAM	0.00	0.00	2.68	2.68	-2.68
<u>41-53000-1178-000</u>	ADMN FEE	0.00	0.00	300.00	300.00	-300.00
<u>41-53000-1610-000</u>	DUES & SUBSCRIPTIONS	0.00	0.00	441.00	441.00	-441.00
<u>41-53000-1610-001</u>	SUBSCRIPTIONS - SOFTWARE	0.00	0.00	6,000.00	6,000.00	-6,000.00
<u>41-53000-1715-001</u>	RENTAL - OFFICE EQUIPMENT	0.00	0.00	194.05	194.05	-194.05
<u>41-54000-1100-000</u>	SALARIES	0.00	0.00	10,901.54	10,901.54	-10,901.54
<u>41-54000-1105-000</u>	FICA	0.00	0.00	844.36	844.36	-844.36
<u>41-54000-1106-000</u>	HEALTH INSURANCE	0.00	0.00	618.25	618.25	-618.25
<u>41-54000-1115-000</u>	EMPLOYEES RETIREMENT	0.00	0.00	1,464.24	1,464.24	-1,464.24
<u>41-54000-1116-000</u>	PHONE ALLOWANCE	0.00	0.00	92.30	92.30	-92.30
<u>41-54000-1117-000</u>	CAR ALLOWANCE	0.00	0.00	553.84	553.84	-553.84
<u>41-54000-1122-000</u>	EAP- ASSISTANCE PROGRAM	0.00	0.00	1.34	1.34	-1.34
<u>41-54000-1178-000</u>	ADMN FEE	0.00	0.00	150.00	150.00	-150.00

Income Statement

For Fiscal: 2022 Period Ending: 01/31/2022

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
41-54000-1610-000	DUES & SUBSCRIPTIONS	0.00	0.00	411.00	411.00	-411.00
	Expense Total:	0.00	0.00	1,772,446.88	1,772,446.88	-1,772,446.88
	Fund: 41 - HCRMA-GENERAL Surplus (Deficit):	0.00	0.00	-1,206,988.53	-1,206,988.53	
	Total Surplus (Deficit):	0.00	0.00	-1,206,988.53	-1,206,988.53	



Pharr, TX

Bank Statement Register**GENERAL OPERATING**

Period 1/1/2022 - 1/31/2022

Bank Statement

Beginning Balance	94,315.94
Plus Debits	332,224.40
Less Credits	340,947.28
Adjustments	0.00
Ending Balance	85,593.06

General Ledger

Account Balance	67,495.30
Less Outstanding Debits	0.00
Plus Outstanding Credits	18,097.76
Adjustments	0.00
Adjusted Account Balance	85,593.06

Statement Ending Balance	85,593.06
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

41-1-1100-000 GENERAL OPERATING

Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
01/31/2022	<u>DEP0033353</u>	Deposit	RMA WT 106912-000	194,341.40
01/31/2022	<u>DEP0033403</u>	Deposit	TO RECORD RMA PLAINS CAPITAL BANK DEB	12,663.00
01/31/2022	<u>DEP0033404</u>	Deposit	TO RECORD RMA PLAINS CAPITAL BANK DEB	13,662.00
01/31/2022	<u>DEP0033405</u>	Deposit	TO RECORD RMA PLAINS CAPITAL BANK DEB	19,629.00
01/31/2022	<u>DEP0033406</u>	Deposit	TO RECORD RMA PLAINS CAPITAL BANK DEB	16,929.00
01/31/2022	<u>DEP0033434</u>	Deposit	TO DISTRIBUTE CORRECT AMOUNT TO RMA I	75,000.00
Total Cleared Deposits (6)				332,224.40

Cleared Checks

Item Date	Reference	Item Type	Description	Amount
10/27/2021	<u>2555</u>	Check	ADVANCE PUBLISHING LLC	-73.13
11/24/2021	<u>2561</u>	Check	ADVANCE PUBLISHING LLC	-73.13
12/22/2021	<u>2574</u>	Check	PROFESSIONAL APPRAISAL SERVICE, INC	-3,750.00
Total Cleared Checks (3)				-3,896.26

Cleared Other

Item Date	Reference	Item Type	Description	Amount
01/31/2022	<u>DFT0005280</u>	Bank Draft	CITY OF PHARR	-135,261.99
01/31/2022	<u>DFT0005281</u>	Bank Draft	BRACEWELL LLP ATTORNEYS AT LAW	-1,640.00
01/31/2022	<u>DFT0005282</u>	Bank Draft	ESCOBEDO & CARDENAS, LLP	-75.00
01/31/2022	<u>DFT0005283</u>	Bank Draft	PATHFINDER PUBLIC AFFAIRS	-10,000.00
01/31/2022	<u>DFT0005284</u>	Bank Draft	CITY OF PHARR	-205.00

Cleared Other

Item Date	Reference	Item Type	Description	Amount
01/31/2022	DFT0005285	Bank Draft	CITY OF PHARR	-4,480.00
01/31/2022	DFT0005286	Bank Draft	CITY OF PHARR	-4,305.00
01/31/2022	DFT0005287	Bank Draft	CITY OF PHARR	-450.00
01/31/2022	DFT0005288	Bank Draft	MARIA ALANIZ	-13.22
01/31/2022	DFT0005289	Bank Draft	MARIA ALANIZ	-21.06
01/31/2022	DFT0005290	Bank Draft	IVONNE RODRIGUEZ	-52.75
01/31/2022	DFT0005291	Bank Draft	PLAINS CAPITAL-CREDIT CARD SERVICES	-210.00
01/31/2022	DFT0005292	Bank Draft	PLAINS CAPITAL-CREDIT CARD SERVICES	-1,524.20
01/31/2022	DFT0005293	Bank Draft	PLAINS CAPITAL-CREDIT CARD SERVICES	-479.20
01/31/2022	EFT0000801	EFT	TO RECORD RMA PLAINS CAPITAL BANK DEB	-150,000.00
01/31/2022	SVC0000366	Service Charge	TO RECORD RMA PLAINS CAPITAL BANK DEB	-200.00
01/31/2022	SVC0000367	Service Charge	TO RECORD RMA PLAINS CAPITAL BANK DEB	-19,000.00
01/31/2022	SVC0000368	Service Charge	TO RECORD RMA PLAINS CAPITAL BANK DEB	-9,133.60
			Total Cleared Other (18)	-337,051.02

Outstanding Checks

Item Date	Reference	Item Type	Description	Amount
01/25/2022	2577	Check	HIDALGO COUNTY IRRIGATION DISTRICT #2	-8.24
01/28/2022	2578	Check	A FAST DELIVERY	-164.75
01/28/2022	2579	Check	COPYZONE	-955.78
01/28/2022	2580	Check	GATEWAY OFFICE SUPPLIES	-63.36
01/28/2022	2581	Check	IBTTA	-2,500.00
01/28/2022	2582	Check	INFO TECH	-6,000.00
01/28/2022	2583	Check	OFFICE DEPOT	-248.98
01/28/2022	2584	Check	SUPERIOR ALARMS	-871.00
01/28/2022	2585	Check	WILMINGTON TRUST FEE COLLECTIONS	-6,500.00
01/28/2022	2586	Check	XEROX CORPORATION	-785.65
			Total Outstanding Checks (10)	-18,097.76



Pharr, TX

Bank Statement Register

POOL INVESTMENTS

Period 1/1/2022 - 1/31/2022

2/16/22

Bank Statement

Beginning Balance	3,378,351.36
Plus Debits	425.02
Less Credits	1,223,897.37
Adjustments	0.00
Ending Balance	2,154,879.01

General Ledger

Account Balance	2,154,879.01
Less Outstanding Debits	0.00
Plus Outstanding Credits	0.00
Adjustments	0.00
Adjusted Account Balance	2,154,879.01

Statement Ending Balance	2,154,879.01
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

41-1-1102-000 POOL INVESTMENTS

Cleared Other

Item Date	Reference	Item Type	Description	Amount
01/24/2022	INT0000856	Interest	INTEREST EARNED DECEMBER 2021	211.37
01/24/2022	INTR0000003	Interest Reversal	TO REMOVE TRANSACTION POSTED IN WROI	-211.37
01/31/2022	EFT0000799	EFT	TO RECORD INTEREST AND EXPENSES MADE	-1,223,686.00
01/31/2022	INT0000926	Interest	TO RECORD INTEREST AND EXPENSES MADE	213.65
Total Cleared Other (4)				-1,223,472.35



Pharr, TX

Balance Sheet
Account Summary
As Of 01/31/2022

Account	Name	Balance
Fund: 42 - HCRMA-DEBT SERVICE		
Assets		
42-1-4105-000	WILMINGTON-DEBT SERVICE	250,058.78
42-1-4105-001	DEBT SVC - JR LIEN	7,405,114.23
42-1-4105-002	DEBT SERVICE- 2020 SERIES	411,944.15
	Total Assets:	8,067,117.16
Liability		
42-2-4214-005	ACCRUED EXPENSES	68,184.42
42-2-4214-006	ACCRUED INTEREST PAY-2013	11,604.17
42-2-4214-007	ACCRUED INTEREST PAY- 2020 SERIES	138,362.83
	Total Liability:	218,151.42
Equity		
42-3-4400-000	FUND BALANCE	6,368,977.32
	Total Beginning Equity:	6,368,977.32
Total Revenue		1,479,988.42
Total Expense		0.00
Revenues Over/Under Expenses		1,479,988.42
	Total Equity and Current Surplus (Deficit):	7,848,965.74
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>8,067,117.16</u>



Pharr, TX

Income Statement

Account Summary

For Fiscal: 2022 Period Ending: 01/31/2022

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Fund: 42 - HCRMA-DEBT SERVICE						
Revenue						
42-4-1506-000	INTEREST INCOME	0.00	0.00	1.71	1.71	-1.71
42-4-1506-001	INTEREST INCOME-JR LIEN	0.00	0.00	497.75	497.75	-497.75
42-4-1506-002	INTEREST 2020 SERIES	0.00	0.00	2.66	2.66	-2.66
42-4-1999-000	TRANSFERS IN-FROM GENERAL FUND	0.00	0.00	1,479,486.30	1,479,486.30	-1,479,486.30
	Revenue Total:	0.00	0.00	1,479,988.42	1,479,988.42	-1,479,988.42
Fund: 42 - HCRMA-DEBT SERVICE Total:						
	Total Surplus (Deficit):	0.00	0.00	1,479,988.42	1,479,988.42	



Pharr, TX

Bank Statement Register

WILMINGTON-DEBT SERVICE

Period 1/1/2022 - 1/31/2022

02/16/22

Bank Statement		General Ledger	
Beginning Balance	125,119.57	Account Balance	250,058.78
Plus Debits	124,939.21	Less Outstanding Debits	0.00
Less Credits	0.00	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	250,058.78	Adjusted Account Balance	250,058.78
		Statement Ending Balance	250,058.78
		Bank Difference	0.00
		General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-4105-000	WILMINGTON-DEBT SERVICE
---------------	-------------------------

Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
01/31/2022	DEP0033324	Deposit	RMA WT 106912-001	124,939.21
Total Cleared Deposits (1)				124,939.21



Pharr, TX

Bank Statement Register

DEBT SVC - JR LIEN

Period 1/1/2022 - 1/31/2022

02/16/22

Bank Statement**General Ledger**

Beginning Balance	6,255,930.48	Account Balance	7,405,114.23
Plus Debits	1,149,183.75	Less Outstanding Debits	0.00
Less Credits	0.00	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	7,405,114.23	Adjusted Account Balance	7,405,114.23

Statement Ending Balance	7,405,114.23
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-4105-001 DEBT SVC - JR LIEN

Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
01/31/2022	<u>DEP0033326</u>	Deposit	RMA LOGIC DEBT SERVICE	1,148,686.00
Total Cleared Deposits (1)				1,148,686.00

Cleared Other

Item Date	Reference	Item Type	Description	Amount
01/31/2022	<u>INT0000923</u>	Interest	RMA LOGIC DEBT SERVICE	497.75
Total Cleared Other (1)				497.75



Pharr, TX

Bank Statement Register

INVESTMENTS D/S 2020 SERIES -

Period 1/1/2022 - 1/31/2022

02/16/22

Bank Statement

General Ledger

Beginning Balance	206,078.69	Account Balance	411,944.15
Plus Debits	205,865.46	Less Outstanding Debits	0.00
Less Credits	0.00	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	411,944.15	Adjusted Account Balance	411,944.15

Statement Ending Balance	411,944.15
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

42-1-4105-002

DEBT SERVICE- 2020 SERIES

Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
01/31/2022	DEP0033325	Deposit	RMA WT 143255-001	205,865.46
Total Cleared Deposits (1)				205,865.46



Pharr, TX

Balance Sheet
Account Summary
As Of 01/31/2022

Account	Name	Balance
Fund: 45 - HCRMA - CAP.PROJECTS FUND		
Assets		
<u>45-1-1102-000</u>	Pool Investment	27,269.58
	Total Assets:	27,269.58
Liability		
	Total Liability:	0.00
Equity		
<u>45-3-1400-000</u>	Fund Balance	-122,731.92
	Total Beginning Equity:	-122,731.92
Total Revenue		150,001.50
Total Expense		0.00
Revenues Over/Under Expenses		150,001.50
	Total Equity and Current Surplus (Deficit):	27,269.58
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>27,269.58</u>



Pharr, TX

Income Statement

Account Summary

For Fiscal: 2022 Period Ending: 01/31/2022

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Fund: 45 - HCRMA - CAP.PROJECTS FUND						
Revenue						
45-4-1506-000	Interest Revenue	0.00	0.00	1.50	1.50	-1.50
45-4-1999-000	TRANSFER IN - GENERAL FUND	0.00	0.00	150,000.00	150,000.00	-150,000.00
	Revenue Total:	0.00	0.00	150,001.50	150,001.50	-150,001.50
	Fund: 45 - HCRMA - CAP.PROJECTS FUND Total:	0.00	0.00	150,001.50	150,001.50	
	Total Surplus (Deficit):	0.00	0.00	150,001.50	150,001.50	



Pharr, TX

Bank Statement Register

Pool Investment

Period 1/1/2022 - 1/31/2022

01/16/22

Bank Statement**General Ledger**

Beginning Balance	27,544.09	Account Balance	27,269.58
Plus Debits	162,886.07	Less Outstanding Debits	0.00
Less Credits	163,160.58	Plus Outstanding Credits	0.00
Adjustments	0.00	Adjustments	0.00
Ending Balance	27,269.58	Adjusted Account Balance	27,269.58

Statement Ending Balance	27,269.58
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

45-1-1102-000 Pool Investment

Cleared Deposits

Item Date	Reference	Item Type	Description	Amount
01/31/2022	DEP0033327	Deposit	RMA WT 106912-006	150,001.50
Total Cleared Deposits (1)				150,001.50

Cleared Other

Item Date	Reference	Item Type	Description	Amount
01/03/2022	DFT0005164	Bank Draft	HDR	-7,487.02
01/03/2022	DFT0005165	Bank Draft	HDR	-5,397.55
01/31/2022	EFT0000788	EFT	RMA WT 106912-006	-150,276.01
01/31/2022	MISC0000827	Miscellaneous	TO REVERSE RMA ENTRIES DEC 21	5,397.55
01/31/2022	MISC0000828	Miscellaneous	TO REVERSE RMA ENTRIES DEC 21	7,487.02
Total Cleared Other (5)				-150,276.01



Pharr, TX

Balance Sheet
Account Summary
As Of 01/31/2022

Account	Name	Balance
Fund: 46 - HCRMA- VRF SERIES 2020A		
Assets		
<u>46-1-1102-000</u>	INVESTMENTS	4,958,949.86
	Total Assets:	<u>4,958,949.86</u>
Liability		
	Total Liability:	0.00
Equity		
<u>46-3-3400-000</u>	FUND BALANCE	4,958,578.69
	Total Beginning Equity:	<u>4,958,578.69</u>
Total Revenue		371.17
Total Expense		0.00
Revenues Over/Under Expenses		<u>371.17</u>
	Total Equity and Current Surplus (Deficit):	4,958,949.86
	Total Liabilities, Equity and Current Surplus (Deficit):	<u>4,958,949.86</u>



Pharr, TX

Income Statement

Account Summary

For Fiscal: 2022 Period Ending: 01/31/2022

		Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Fund: 46 - HCRMA- VRF SERIES 2020A						
Revenue						
46-4-1506-000	INTEREST REVENUE	0.00	0.00	371.17	371.17	-371.17
	Revenue Total:	0.00	0.00	371.17	371.17	-371.17
	Fund: 46 - HCRMA- VRF SERIES 2020A Total:	0.00	0.00	371.17	371.17	
	Total Surplus (Deficit):	0.00	0.00	371.17	371.17	



Pharr, TX

Bank Statement Register**INVESTMENTS**

Period 1/1/2022 - 1/31/2022

02/16/22

Bank Statement**General Ledger**

Beginning Balance	5,001,700.90	Account Balance	4,958,949.86
Plus Debits	371.17	Less Outstanding Debits	43,122.21
Less Credits	43,122.21	Plus Outstanding Credits	43,122.21
Adjustments	0.00	Adjustments	0.00
Ending Balance	4,958,949.86	Adjusted Account Balance	4,958,949.86

Statement Ending Balance	4,958,949.86
Bank Difference	0.00
General Ledger Difference	0.00

CASH BALANCE CONSISTS OF THE FOLLOWING GENERAL LEDGER ACCOUNTS

46-1-1102-000 INVESTMENTS

Cleared Other

Item Date	Reference	Item Type	Description	Amount
01/31/2022	EFT0000787	EFT	RMA LOGIC 2020 PROJECT	-43,122.12
01/31/2022	EFT0000798	EFT	TO RECORD REMAINING NINE CENTS NOT AI	-0.09
01/31/2022	INT0000924	Interest	RMA LOGIC 2020 PROJECT	371.17
Total Cleared Other (3)				-42,751.04

Outstanding Other

Item Date	Reference	Item Type	Description	Amount
01/31/2022	DFT0005304	Bank Draft	SAENZ OIL & GAS SERVICES	-34,122.21
01/31/2022	DFT0005305	Bank Draft	GARZA & ASSOCIATES	-9,000.00
01/31/2022	SVCR0000009	Service Charge Reversal	TO REMOVE DUPLICATE AMOUNTS	43,122.21
Total Outstanding Other (3)				0.00

Item 3A

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u>X</u>	AGENDA ITEM	<u>3A</u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u>02/11/22</u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u>02/22/21</u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: RESOLUTION 2022-09 – CONSIDERATION AND APPROVAL OF WORK AUTHORIZATION 9 WITH BLANTON & ASSOCIATES, INC. FOR ENVIRONMENTAL SERVICES FOR CONDUCTING AN ENVIRONMENTAL ASSESSMENT RE-EVALUATION SCOPING MEETING FOR THE UPDATED DESIGN INITIATED UNDER THE 365 TOLLWAY VALUE ENGINEERING CHANGE PROPOSAL PROCESS.
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Consideration and Approval of Resolution 2022-09 for WA No. 9 for the 365 Tollway.
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 2022-09 – Consideration and Approval of Work Authorization 9 with Blanton & Associates, Inc. for environmental services for conducting an Environmental Assessment Re-evaluation Scoping Meeting for the updated design initiated under the 365 Tollway Value Engineering Change Proposal process, 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 **Blanton & Associates, Inc**
- Engineering
- Geo-Technical
- Surveying

WORK AUTHORIZATION SUMMARY

RESOLUTION 2022.09

Work Authorization # 9 Supplemental # _____

Amount \$ 14,706.32

Approved Work Authorizations:

Resolution No.	Description	Amount
2017-72	WA No. 1 IBTC ENV Class Ltr Support	\$ 24,990.00
2018-05	WA No. 2 IBTC Env / NEPA Clearance	\$ 702,075.94
2019-06	WA No. 3 365 Tollway NEPA Re-Eval Checklist	\$ 8,660.00
2019-38	WA No. 4 Additional Biological Eval Support	\$ 24,600.00
2020-07	WA No. 5 Update Noise Report	\$ 20,129.50
Subtotal from Cont. Page		<u>\$ 597,669.81</u>
Total Approved WA		\$ 1,378,125.25

Proposed Work Authorization and/or Supplemental

2022.09 WA No. 9 \$ 14,706.32

Goal and Options:

Approval of environmental services for conducting an Environmental Assessment Re-evaluation Scoping Meeting for the updated design initiated under the 365 Tollway Value Engineering Change Proposal process.

Staff is recommending approval of this request in the amount of \$ 14,706.32
Proposed total approved WA and/or Supplementals \$ 1,392,831.57

E. Davila, Develop Eng
Requested By:

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

2022.09

Resolution No.	Description	Amount
2020-10	WA No. 6 Archaeological Mitigation Plans	\$ 131,398.00
2020-15	WA No. 3 Supplemental No. 1	\$ 0.00
2020-16	WA No. 4 Supplemental No. 1	\$ 0.00
2020-29	WA No. 7 Wetland Mitigation Const. Permitting	\$ 66,168.15
2021-49	WA No. 8 Site Soils & Planting Strat. Wetland	\$ 400,103.66
	WA No.	

Subtotal \$ 597,669.81

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION NO. 2022-09

APPROVAL OF WORK AUTHORIZATION 9 WITH BLANTON & ASSOCIATES, INC. FOR ENVIRONMENTAL SERVICES FOR CONDUCTING AN ENVIRONMENTAL ASSESSMENT RE-EVALUATION SCOPING MEETING FOR THE UPDATED DESIGN INITIATED UNDER THE 365 TOLLWAY VALUE ENGINEERING CHANGE PROPOSAL PROCESS.

THIS RESOLUTION is adopted this 22nd day of February 2022 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) found 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;

WHEREAS, the Authority approved Resolution 2018-05 – Approval of Work Authorization 2 to the Professional Services Agreement with Blanton & Associates, Inc. to provide environmental clearance support for the IBTC Project in amount not to exceed \$702,075.94; and

WHEREAS, the Authority approved Resolution 2018-06 – Approval of Contract Amendment 1 to the Professional Services Agreement with Blanton & Associates, Inc. to increase the maximum payable amount to \$727,065.94 due to additional scope outlined in Work Authorization

No. 2 in the amount of \$702,075.94.; and

WHEREAS, the Authority approved Resolution 2019-06 – Approval of Work Authorization 3 to the Professional Services Agreement with Blanton & Associates, Inc. for NEPA re-evaluation checklist support for the 365 Toll/ I-Road Interchange redesign in the amount of \$8,660.00; and

WHEREAS, the Authority approved Resolution 2019-07 Contract Amendment Number 2 to the Professional Services Agreement with Blanton & Associates, Inc. to increase the maximum payable amount by \$8,660.00 due new scope in Work Authorization Number 3 to a not-to-exceed amount of \$735,725.94; and

WHEREAS, the Authority approved Resolution 2019-38 Work Authorization Number 4 to the Professional Services Agreement with Blanton & Associates, Inc. for additional biological evaluation support for the International Bridge Trade Corridor Project environmental clearance in the amount of \$24,600.00; and

WHEREAS, the Authority approved Resolution 2019-39 Contract Amendment Number 3 to the Professional Services Agreement with Blanton & Associates, Inc. to increase maximum payable by \$24,600.00 for Work Authorization Number 4; and

WHEREAS, the Authority approved Resolution 2020-07 Work Authorization Number 5 to the Professional Services Agreement with Blanton & Associates, Inc. to provide updated Noise Report for the IBTC Project Environmental Clearance; and

WHEREAS, the Authority approved Resolution 2020-08 Contract Amendment Number 4 to the Professional Services Agreement with Blanton & Associates, Inc. to increase maximum payable by \$20,129.50 for Work Authorization Number 5; and

WHEREAS, the Authority approved Resolution 2020-10 Work Authorization Number 6 to the Professional Services Agreement with Blanton & Associates, Inc. to provide Archaeological Mitigation Plans for the IBTC Project Environmental Clearance; and

WHEREAS, the Authority approved Resolution 2020-11 Contract Amendment Number 5 to the Professional Services Agreement with Blanton & Associates, Inc. to increase maximum payable by \$131,398.00 for Work Authorization Number 6; and

WHEREAS, the Authority approved Resolution 2020-15 Supplemental No. 1 to Work Authorization Number 3 to the Professional Services Agreement with Blanton & Associates, Inc. for a no-cost time extension for Environmental Services for the 365 Tollway Project; and

WHEREAS, the Authority approved Resolution 2020-16 Supplemental No. 1 to Work Authorization Number 4 to the Professional Services Agreement with Blanton & Associates, Inc. for a no cost time extension for Environmental Services for the IBTC Project; and

WHEREAS, on October 27, 2020, the Authority approved Resolution 2020-29 Work Authorization Number 7 to the Professional Service Agreement with Blanton & Associates, Inc. to provide Wetland Mitigation Support for the 365 Tollway Construction Permitting in the amount of \$66,168.15; and

WHEREAS, on October 27, 2020 the Authority approved Resolution 2020-30 Contract Amendment No. 6 to the Professional Services Agreement with Blanton & Associates, Inc. to increase the maximum payable amount by \$66,168.15 for due Work Authorization No. 7; and

WHEREAS, on December 20, 2021 the Authority approved Resolution 2021-49 Work Authorization Number 8 to the Professional Service Agreement with Blanton & Associates, Inc. for environmental services for development of site soils and planting strategies (including monitoring) for the 365 Tollway Wetland Mitigation site in the amount of \$400,103.66; and

WHEREAS, the Authority finds it necessary to approve Resolution 2022-09 – Consideration and Approval of Work Authorization 9 with Blanton & Associates, Inc. for environmental services for conducting an Environmental Assessment Re-evaluation Scoping Meeting for the updated design initiated under the 365 Tollway Value Engineering Change Proposal process in the amount of \$14,706.32.

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 9 with Blanton & Associates, Inc. for environmental services for conducting an Environmental Assessment Re-evaluation Scoping Meeting for the updated design initiated under the 365 Tollway Value Engineering Change Proposal process in the amount of \$14,706.32, hereto attached as Exhibit A.
- Section 3. The Board authorizes the Executive Director to Work Authorization Number 9 to the Professional Services Agreement for the 365 Tollway Project hereby 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 22nd day of February 2022, at which meeting a quorum was present.

S. David Deanda, Jr., Chairman

Ezequiel Reyna, Jr., Secretary/Treasurer

Exhibit A

Work Authorization Number 9

to the Professional Services Agreement with

Blanton & Associates, Inc. for

Environmental Services for the

365 Tollway Project Environmental Assessment

Re-evaluation Scoping Meeting

ATTACHMENT D-1

**WORK AUTHORIZATION NO. 9
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 § 14,706.32 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 June 30, 2023, 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 the 365 Tollway / 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**

A. SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES

- Data files for all work completed to date.
- Microstation (.dgn) files for the final design / schematics.
- 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).

B. PROJECT MANAGEMENT AND ADMINISTRATION

- 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.

C. MEETINGS

- Task 1: Scoping Meeting with TxDOT
 - HCRMA and/or Pulice will provide detailed design information to B&A in advance of the scoping meeting in GIS .shp and Google Earth .kmz/l format for inclusion into the PowerPoint Presentation.
 - Only one (1) scoping meeting will be conducted. Additional scoping meetings with TxDOT can be accomplished at additional cost.
- Task 2: Project Team Coordination Meeting
 - Only one (1) project team scoping coordination meeting will be conducted. Additional scoping and/or coordination meetings with project team can be accomplished at additional costs.

WORK AUTHORIZATION NO. 9
AGREEMENT FOR ENVIRONMENTAL CONSULTING SERVICES

EXHIBIT B

SERVICES TO BE PROVIDED BY THE CONSULTANT

365 Toll Re-Evaluation Scoping & Coordination for Design Modifications From Value Engineering Change Proposals (VECPs)

Project Understanding

It is Blanton & Associates, Inc. (B&A) understanding that the Hidalgo County Regional Mobility Authority (HCRMA) 365 Toll project was approved for development under an Environmental Assessment/Finding of No Significant Impact (EA-FONSI) dated July 2, 2015, prepared in compliance with the National Environmental Policy Act (NEPA). The project limits for the 365 Toll project is from FM 1016/Conway Avenue to US 281/Military Highway within the cities of Granjeño, Hidalgo, McAllen, Mission, Pharr and San Juan in Hidalgo County, Texas (Texas Department of Transportation (TxDOT) Control Section Job numbers (CSJs): 3627-01-001, 3627-01-002, 0921-02-337, and 0220-01-023).

On April 27, 2017, TxDOT approved a re-evaluation to the proposed project which included design changes of the roadway and adjustments to irrigation canals within the jurisdiction of Hidalgo County Irrigation District No. 2 (HCID2) and the US International Boundary & Water Commission (IBWC). The impacts to the HCID2 system, an identified Section 4(f) resource were less than those proposed in the EA/FONSI. None of the proposed design changes resulted in a change in the original NEPA determination.

During the re-procurement for construction of the proposed project, which was originally halted in 2017, HCRMA requested the awarded construction contractor (Pulice) to enter into a value engineering change process, which resulted in multiple design changes which are intended to save time and costs to the HCRMA. These changes have been accepted by HCRMA to move forward to construction, as long as they are approved under NEPA. These changes are detailed in the section below and as outlined in an email from Eric Davila (HCRMA) to Pulice on December 22, 2021.

Value Engineering Change Proposal Options

- VECP 1: Build from the Center. Change the design to reduce the median from a 40 ft wide grass median to a strict 4 foot-wide median. This change reduces embankment volume, retaining wall surface, accelerates schedule and facilitates the future widening of the road (ultimate design).
- VECP 4: Reduce Shoulder between Station 803+00 and 835+00. The shoulder would be reduced from 12 feet wide to 4 feet wide in the westbound mainlanes. Construction and maintenance costs would be reduced.
- VECP 5: Optimize Ramp Designs between FM 2062/Jackson Road and US 281/Cage Boulevard. This modification would eliminate the westbound auxiliary lane, movement and increase lengths of the gores, which would result in the elimination of the auxiliary lanes. This modification accelerates construction schedule, as well as reduces construction and maintenance costs.

WORK AUTHORIZATION NO. 9
AGREEMENT FOR ENVIRONMENTAL CONSULTING SERVICES

- VECP 7: I-Road @ 365 Toll Intersection Optimization. This change eliminates the 625 ft long steel girder bridge and installing a shorter concrete girder bridge with a roundabout under the mainlanes of 365 Toll.
- VECP 8: Updated Pavement Design (Reduced Pavement Section). This modification changes the rigid Continuous Reinforced Concrete (CRCP) pavement to CRCP-Mechanistic Empirical (CRCP-ME) design method for CRCP pavements. This change would reduce the thickness of the pavement which accelerates schedule.
- VECP 9: Change in Concrete Treated Base (CTB) Preparation Method. This modification changes the specification of the plant concrete mix from a 6 inch concrete treated base to a 6 inch road mixed concrete treated base. This would allow the base materials would be mixed on-site versus at a plant and transporting to the construction site. This change would lower costs, reduce potential plant failures for mixing base materials and trucking shortages.
- VECP 10: Optimize Girders (Resize/Optimize). This modification would reduce the number of bridge girders constructed by using 0.6 inch prestressed strands versus 0.5 inch. This change results in a reduction in costs and accelerates schedule.
- VECP 13: FM 2062/Jackson Road Overpass – Bridge Shortening. This modification would eliminate one (the middle) of the three units of the bridge, which reduces the crossing length and number of bents needed. This change reduces costs and accelerates schedule.
- VECP 15: Intelligent Transportation System (ITS) Optimizations. These optimizations substitute types of ITS equipment, consolidate three previous locations utilizing one sign, use of fiberglass conduit, consolidate three trenches, reduction in existing fiber count with a single jacket trunk line, and other changes. These changes reduce costs and reduces the number of ITS poles/drill shafts.
- VECP 18: Mechanically Stabilized Earth (MSE) Wall Design. This changes the backfilling depth of embedment of the wall from 2-3 feet to 1 foot. This change results in a reduction in costs.

Based on the proposed changes in the design, a re-evaluation of the EA/FONSI is anticipated to be required. To accurately evaluate the level of effort and schedule to meet the NEPA re-evaluation requirements under the applicable federal and state programs and to communicate those requirements and the associated needs to 365 Toll project team, B&A is proposing the following tasks:

1. Scoping Meeting with TxDOT Pharr District (PHR) and TxDOT Environmental Affairs Division (ENV).
2. Project Team Coordination Meeting (HCRMA, Pulice/Othon, HDR, B&A)

Task 1: Scoping Meeting with TxDOT

B&A shall coordinate a scoping meeting with TxDOT PHR and ENV to identify the proposed modifications and update TxDOT staff of the proposed changes and reasons for why a re-evaluation is needed. This scoping meeting will involve the following:

- Coordination between B&A, HDR, Pulice and HCRMA regarding the content and materials to be presented at the scoping coordination meeting;
- Preparation of a PowerPoint presentation, agenda, attendee list, and meeting minutes for the meeting; and

WORK AUTHORIZATION NO. 9
AGREEMENT FOR ENVIRONMENTAL CONSULTING SERVICES

- The meeting with HCRMA and TxDOT will be conducted in a virtual format, likely through Microsoft Teams, which B&A will facilitate and host.
- B&A will provide meeting minutes summary and a single round of drafts for review and approval.

Task 2: Project Team Coordination Meeting

B&A will facilitate and host a Project Team Coordination Meeting with HCRMA, HDR, Pulice and B&A upon completion of the TxDOT scoping meeting. The intent of this meeting is to establish project schedule, scope of work, coordination needs, and materials needed for the NEPA re-evaluation process based upon the TxDOT scoping meeting.

- B&A will prepare the coordination meeting presentation, agenda, attendee list and meeting minutes for HCRMA review.
- The meeting will be conducted in a virtual format, likely through Microsoft Teams, which B&A will facilitate and host.

Finally, all subsequent efforts related to development of the preliminary schematics & estimates, environmental documents, support field or research studies, planning, modeling, permitting, BMP development/implementation, construction compliance monitoring, data recovery or mitigation will be provided under a separate work authorization to be developed upon completion of these two proposed scoping and coordination tasks.

EXHIBIT C
WORK SCHEDULE

Tasks 1 and 2 would be completed within two months on April 30, 2022.

WA No. 9 - Blanton & Associates, Inc.
Exhibit D. Fee Schedule for Env. Support for Env. Re-evaluation due to 365 Toll VECPs

TASKS DESCRIPTION	Project Manager	Sr Env Planner	Env Planner I/II	Senior Env Specialist (includes QA)	Biologist	Senior Arch	Senior Historian	Senior GIS	GIS	Admin Assistant	Total Labor Hrs.	Task Hours	Task Costs
1. Scoping Meeting with TxDOT PHR/ENV	12	14	0	10	6	6	6	2	8	4	68	68	\$9,305.18
Coordination between B&A, HDR, Pulice & HDR - Content/Materials for Meeting	4	10		2	4	4	4				28		
Preparation of Materials for Meeting	4	2		6	2	2	2	2	8	2	30		
Conduct Meeting and prepare minutes/summary	4	2		2						2	10		
2. Project Team Coordination Meeting	4	12	0	4	4	4	4	3	2	3	40	40	\$5,367.14
Prepare coordination meeting presentation and materials	2	8		2	2	2	2	1	2	1	22		
Conduct Meeting and prepare minutes/summary	2	4		2	2	2	2	2		2	18		
											0		
HOURS SUB-TOTALS	16	26	0	14	10	10	10	5	10	7	108	108	\$14,672.32
CONTRACT RATE PER HOUR	\$170.27	\$148.53	\$106.09	\$170.27	\$106.09	\$116.70	\$127.31	\$127.31	\$100.79	\$79.57			
TOTAL LABOR COSTS	\$2,724.32	\$3,861.78	\$0.00	\$2,383.78	\$1,060.90	\$1,167.00	\$1,273.10	\$636.55	\$1,007.90	\$556.99	\$14,672.32		
OTHER DIRECT EXPENSES											\$34.00		
GRAND TOTAL											\$14,706.32		

OTHER DIRECT EXPENSES	Rate	Unit	Amount	Total
Lodging / Hotel (GSA Day Rate)	\$ 96.00	Each		\$ -
Lodging Tax (State, City, Local) (15%)	\$ 14.40	Each		\$ -
Meals (GSA Day Rate)	\$ 59.00	Each		\$ -
Rental Car	\$ 90.00	Each		\$ -
Air Travel	\$ 525.00	Each		\$ -
Parking	\$ 14.00	Each		\$ -
Mileage	\$ 0.585	Each		\$ -
Tolls	\$ 4.00	Day		\$ -
Fuel for Rental Car	\$ 25.00	Day		\$ -
Photocopies B/W (8.5 X 11)	\$ 0.10	Each	200	\$ 20.00
Photocopies B/W (11 X 17)	\$ 0.20	Each		\$ -
Photocopies Color (8.5 X 11)	\$ 0.70	Each	20	\$ 14.00
Photocopies Color (11 X 17)	\$ 1.25	Each		\$ -
Plots (Color on Photographic Paper)	\$ 4.00	Each		\$ -
Color Graphics on Foam Board	\$ 5.00	Each		\$ -
Presentation Boards 30" X 40" Color Mounted	\$ 100.00	Each		\$ -
4" X 6" Digital Color Print	\$ 0.30	Each		\$ -
GPS	\$ 50.00	Day		\$ -
Hazardous Materials Data Search	\$ 200.00	Mile		\$ -
Mailings/Postage (NOCs)	\$ 1.30	Each		\$ -
Overnight Delivery Services	\$ 20.00	Each		\$ -
Field Supplies	\$ 35.00	Trip		\$ -
Noise Meter	\$ 120.00	Day		\$ -
TOTAL DIRECT EXPENSES				\$ 34.00

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)#: 9 WA Amount: \$14,706.32 Date: 02/22/2022

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

Revised WA Amount: \$0

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	\$14,706.32
	\$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> 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).

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Item 3B

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u>X</u>	AGENDA ITEM	<u>3B</u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u>02/11/22</u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u>02/22/22</u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: RESOLUTION 2022-10 – CONSIDERATION AND APPROVAL OF CONTRACT AMENDMENT 8 TO THE PROFESSIONAL SERVICE AGREEMENT WITH BLANTON & ASSOCIATES, INC. TO INCREASE THE MAXIMUM PAYABLE AMOUNT FOR WORK AUTHORIZATION NUMBER 9.
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Consideration and Approval of Resolution 2022-10 for CA No. 8 for WA No. 9.
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 2022-10 – Consideration and Approval of Contract Amendment 8 to the Professional Service Agreement with Blanton & Associates, Inc. to increase the maximum payable amount for Work Authorization Number 9, 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 **Blanton & Associates, Inc.**

Engineering

Geo-Technical

Surveying

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2022-10

Original Contract Amount **\$ 24,990**

Amendment # **8**

Amount **\$ 14,706.32**

Approved Amendments:

Resolution No.	Description	Amount
2017-58	Original Contract	\$ 24,990.00
2018-06	Contract Amendment #1 for IBTC Env Svcs	\$ 702,075.94
2019-07	Contract Amend #2 for NEPA/ReScope 365 Toll	\$ 8,660.00
2019-39	Contract Amendment 3	\$ 24,600.00
2020-08	Contract Amendment 4 Noise Report	\$ 20,129.50
Subtotal from Cont. Page		<u>\$ 597,669.81</u>
Contract Amount		\$ 1,378,125.25

Proposed Amendment
2022-10 **\$ 14,706.32**

Goal and Options:

Approval of Contract Amendment 8 to the Professional Service Agreement with Blanton & Associates, Inc. to increase the maximum payable amount for Work Authorization Number 9.

**Staff is recommending approval of this request in the amount of \$ 14,706.32
for a Revised Maximum Payable Amount of \$ 1,392,831.57**

E. Davila, Develop Eng

Requested by:

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

2022-10

Resolution No.	Description	Amount
2020-11	Contract Amendment 5	\$ 131,398.00
2020-30	Contract Amendment 6	\$ 66,168.15
2021-50	Contract Amendment #7 Environmental Svc	\$ 400,103.66

Subtotal \$ 597,669.81

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2022-10

APPROVAL OF CONTRACT AMENDMENT 8 TO THE PROFESSIONAL SERVICE AGREEMENT WITH BLANTON & ASSOCIATES, INC. TO INCREASE THE MAXIMUM PAYABLE AMOUNT FOR WORK AUTHORIZATION NUMBER 9

THIS RESOLUTION is adopted this 22nd day of February 2022 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) found 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;

WHEREAS, the Authority approved Resolution 2018-05 – Approval of Work Authorization 2 to the Professional Services Agreement with Blanton & Associates, Inc. to provide environmental clearance support for the IBTC Project in amount not to exceed \$702,075.94; and

WHEREAS, the Authority approved Resolution 2018-06 – Approval of Contract Amendment 1 to the Professional Services Agreement with Blanton & Associates, Inc. to increase the maximum payable amount to \$727,065.94 due to additional scope outlined in Work Authorization No. 2 in the amount of \$702,075.94.; and

WHEREAS, the Authority approved Resolution 2019-06 – Approval of Work Authorization 3 to the Professional Services Agreement with Blanton & Associates, Inc. for NEPA re-evaluation checklist support for the 365 Toll/ I-Road Interchange redesign in the amount of \$8,660.00; and

WHEREAS, the Authority approved Resolution 2019-07 Contract Amendment Number 2 to the Professional Services Agreement with Blanton & Associates, Inc. to increase the maximum payable amount by \$8,660.00 due new scope in Work Authorization Number 3 to a not-to-exceed amount of \$735,725.94; and

WHEREAS, the Authority approved Resolution 2019-38 Work Authorization Number 4 to the Professional Services Agreement with Blanton & Associates, Inc. for additional biological evaluation support for the International Bridge Trade Corridor Project environmental clearance in the amount of \$24,600.00; and

WHEREAS, the Authority approved Resolution 2019-39 Contract Amendment Number 3 to the Professional Services Agreement with Blanton & Associates, Inc. to increase maximum payable by \$24,600.00 for Work Authorization Number 4; and

WHEREAS, the Authority approved Resolution 2020-07 Work Authorization Number 5 to the Professional Services Agreement with Blanton & Associates, Inc. to provide updated Noise Report for the IBTC Project Environmental Clearance; and

WHEREAS, the Authority approved Resolution 2020-08 Contract Amendment Number 4 to the Professional Services Agreement with Blanton & Associates, Inc. to increase maximum payable by \$20,129.50 for Work Authorization Number 5; and

WHEREAS, the Authority approved Resolution 2020-10 Work Authorization Number 6 to the Professional Services Agreement with Blanton & Associates, Inc. to provide Archaeological Mitigation Plans for the IBTC Project Environmental Clearance; and

WHEREAS, the Authority approved Resolution 2020-11 Contract Amendment Number 5 to the Professional Services Agreement with Blanton & Associates, Inc. to increase maximum payable by \$131,398.00 for Work Authorization Number 6; and

WHEREAS, the Authority approved Resolution 2020-15 Supplemental No. 1 to Work Authorization Number 3 to the Professional Services Agreement with Blanton & Associates, Inc. for a no-cost time extension for Environmental Services for the 365 Tollway Project; and

WHEREAS, the Authority approved Resolution 2020-16 Supplemental No. 1 to Work Authorization Number 4 to the Professional Services Agreement with Blanton & Associates, Inc. for a no cost time extension for Environmental Services for the IBTC Project.

WHEREAS, on October 27, 2020, the Authority approved Resolution 2020-29 Work Authorization Number 7 to the Professional Service Agreement with Blanton & Associates, Inc. to provide Wetland Mitigation Support for the 365 Tollway Construction Permitting in the amount of \$66,168.15; and

WHEREAS, on October 27, 2020, the Authority approved Resolution 2020-30 Contract Amendment No. 6 to the Professional Services Agreement with Blanton & Associates, Inc. to increase the maximum payable amount by \$66,168.15 for due Work Authorization No. 7; and

WHEREAS, on December 20, 2021, the Authority approved Resolution 2021-49 Work Authorization Number 8 to the Professional Service Agreement with Blanton & Associates, Inc. for environmental services for development of site soils and planting strategies (including monitoring) for the 365 Tollway Wetland Mitigation site in the amount of \$400,103.66; and

WHEREAS, on December 20, 2021, the Authority approved Resolution 2021-50 Contract Amendment No. 7 to the Professional Services Agreement with Blanton & Associates, Inc. to increase the maximum payable amount from \$978,021.59 to \$1,378,125.25 for a total increase of \$400,103.66 for Work Authorization No. 8; and

WHEREAS, on February 22, 2022 the Authority approved Resolution 2022-09 – Consideration and Approval of Work Authorization 9 with Blanton & Associates, Inc. for environmental services for conducting an Environmental Assessment Re-evaluation Scoping Meeting for the updated design initiated under the 365 Tollway Value Engineering Change Proposal process in the amount of \$14,706.32.

WHEREAS, the Authority finds it necessary to approve Resolution 2022-10 Contract Amendment No. 8 to the Professional Services Agreement with Blanton & Associates, Inc. to increase the maximum payable amount from \$1,378,125.25 to 1,392,831.57 for a total increase of \$14,706.32 for Work Authorization No. 9.

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 Contract Amendment No. 8 to the Professional Service Agreement with Blanton & Associates, Inc. to increase the maximum payable amount from \$1,378,125.25 to 1,392,831.57 for a total increase of \$14,706.32 for Work Authorization No. 9 hereto attached as Exhibit A.
- Section 3. The Board authorizes the Executive Director to execute Contract Amendment 8 to the Professional Services Agreement for the 365 Tollway Project hereby 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 22nd day of February 2022, at which meeting a quorum was present.

S. David Deanda, Jr., Chairman

Ezequiel Reyna, Jr., Secretary/Treasurer

Exhibit A

Contract Amendment No. 8
to the Professional Services Agreement with
Blanton & Associates, Inc. to Increase Maximum Payable Amount for
Work Authorization No. 9 for the
365 Tollway Project

SUPPLEMENTAL AGREEMENT NO. 8

**TO PROFESSIONAL SERVICES
AGREEMENT FOR ENVIRONMENTAL SERVICES**

THIS SUPPLEMENTAL AGREEMENT NO 8 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 \$1,378,125.25 to 1,392,831.57 for a total increase of \$14,706.32 for Work Authorization No. 9 for Environmental Re-evaluation Support for the 365 Tollway Project.

This Supplemental Agreement No. 8 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.

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: _____

Item 3C

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS
PLANNING COMMITTEE
FINANCE COMMITTEE
TECHNICAL COMMITTEE

X

AGENDA ITEM
DATE SUBMITTED
MEETING DATE

3C
02/11/2022
02/22/2022

1. Agenda Item: **RESOLUTION 2022-11 - CONSIDERATION AND APPROVAL OF WORK AUTHORIZATION 7 WITH HDR ENGINEERING, INC. FOR ENGINEERING SERVICES FOR THE REVIEW FOR THE UPDATED DESIGN INITIATED UNDER THE 365 TOLLWAY VALUE ENGINEERING CHANGE PROPOSAL PROCESS.**
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Consideration and Approval of WA 7 to PSA with HDR Engineering, Inc. to provide design review support for the 365 Tollway Project.
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 2022-11 - Consideration and Approval of Work Authorization 7 with HDR Engineering, Inc. for engineering services for the review for the updated design initiated under the 365 Tollway Value Engineering Change Proposal process, 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 **HDR Engineering, Inc.**
- Geo-Technical
- Surveying

WORK AUTHORIZATION SUMMARY

RESOLUTION 2022-11

Work Authorization # 7 Supplemental # _____

Amount **\$ 119,970.68**

Approved Work Authorizations:

Resolution No.	Description	Amount
2020-32	WA No. 1-Amended & Restated	\$ 301,579.58
2020-33	WA No. 2-Construction Contract Letting Support	\$ 125,723.03
2020-35	SA 1 to WA No. 2-Construction Contract Letting	\$ 93,284.63
2020-36	WA No. 3-365 Toll Integration Contract Letting	\$ 299,785.36
2021-21	WA 4 IBTC Final Schematic Environmental	\$ 197,746.02
Subtotal from Cont. Page		<u>\$ 389,468.97</u>
Total Approved WA		\$ 1,407,587.59

Proposed Work Authorization and/or Supplemental

2022-11 WA No. 7 Updated 365 Toll VE-Change Propos**\$ 119,970.68**

Goal and Options:

Approval for the review for the updated design initiated under the 365 Tollway Value Engineering Change Proposal process.

Staff is recommending approval of this request in the amount of \$ 119,970.68
Proposed total approved WA and/or Supplementals \$ 1,527,558.27

E. Davila, Develop Eng
Requested By:

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

2022-11

Resolution No.	Description	Amount
2021-51	WA 5 Support Wetland Mitigation Site	\$ 310,039.40
2021-74	WA No. 6 - 365 Toll VE -Change Proposal	\$ 79,429.57
2022-02	WA No. 1 Supplemental 1 No Cost Time Ext.	\$ 0.00
2022-03	WA No. 2 Supplemental 2 No Cost Time Ext.	\$ 0.00
2022-04	WA No. 3 Supplemental 1 No Cost Time Ext.	\$ 0.00
	WA No.	

Subtotal \$ 389,468.97

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2022-11

APPROVAL OF WORK AUTHORIZATION 7 WITH HDR ENGINEERING, INC. FOR ENGINEERING SERVICES FOR THE REVIEW FOR THE UPDATED DESIGN INITIATED UNDER THE 365 TOLLWAY VALUE ENGINEERING CHANGE PROPOSAL PROCESS

THIS RESOLUTION is adopted this 22nd day of February 2022, by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”);

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 22, 2012 the Authority approved Resolution 2012-04, which created the Technical Committee, comprised of senior level engineers and professional from various communities and agencies in the jurisdiction of the Authority, to serve to advise the Board on procurement and consultant work products; and

WHEREAS, Resolution 2012-04 also authorized the Executive Committee to determine the size, structure and scope of the Technical Committee, identify candidates and issue requests for participation; and

WHEREAS, February 27, 2018, the Authority approved Resolution 2018-07 which for the procurement of 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 Technical Committee has rated and ranked the Statements of Qualifications for the General Engineering Consultant Services and recommends interviews be dispensed with and that staff be authorized to negotiate with HDR Engineering, Inc.;

WHEREAS, on February 26, 2019 the Authority approved Resolution 2019-01 Approval of a Professional Service Agreement with HDR Engineering, Inc. to provide General Consultant Services for the Hidalgo County Loop System of the Hidalgo County Regional Mobility Authority in the amount of \$488,657.91; and

WHEREAS, on March 5, 2019 the Authority approved approve Resolution 2019-02 Approval of a Work Authorization 1 to the Professional Service Agreement with HDR Engineering, Inc. Project Management for the 365 Tollway Project in the amount of \$171,350.84; however, no notice to proceed was issued; and

WHEREAS, on November 17, 2020 in order to reflect a change in the planned series of tasks relating to a changed project letting schedule, the Board found it to be in the best interest of the Authority to approve Resolution 2020-32 Approval of Amended and Restated Work Authorization 1 to the Professional Service Agreement with HDR Engineering, Inc. for General Engineering Consulting Services for the 365 Tollway Program Management Support in the amount of \$301,579.58; and

WHEREAS, on November 17, 2020 the Authority approved Resolution 2020-33 Approval of a Work Authorization 2 to the Professional Service Agreement with HDR Engineering, Inc. for General Engineering Consultant Services for the 365 Tollway Roadway Construction Contract Letting Support in the amount of \$125,723.03; and

WHEREAS, on December 15, 2020 the Authority approved Resolution 2020-35 Approval of Supplemental Agreement 1 to Work Authorization 2 to the Professional Service Agreement with HDR Engineering, Inc. for General Engineering Consultant Services for the 365 Tollway Roadway Construction Contract Letting Support in the amount of \$93,284.63; and

WHEREAS, on December 15, 2020 the Authority approved Resolution 2020-36 Approval of a Work Authorization 3 to the Professional Service Agreement with HDR Engineering, Inc. for General Engineering Consultant Services for the 365 Tollway Integration Contract Letting Support in the amount of \$299,785.36; and

WHEREAS, on December 15, 2020 the Authority approved Resolution 2020-37 Approval of Contract Amendment 1 to the Professional Service Agreement with HDR to increase the maximum payable amount from \$488,657.91 to \$820,372.60 for a total increase of \$331,714.69 due to additional scope and effort outlined in Supplemental Agreement 1 to Work Authorization No. 2 and Work Authorization No. 3; and

WHEREAS, on June 22, 2021 the Authority approved Resolution 2021-21 Approval of a Work Authorization 4 to the Professional Service Agreement with HDR Engineering, Inc. for IBTC final schematic Support for the Environmental Clearance in the amount of \$197,746.02; and

WHEREAS, on June 22, 2021 the Authority approved Resolution 2021-22 Approval of Contract Amendment 2 to the Professional Service Agreement with HDR to increase the maximum payable amount from \$820,372.60 to \$1,018,118.62 for a total increase of \$197,746.02 for Work Authorization No. 4; and

WHEREAS, on December 20, 2021 the Authority approved Resolution 2021-51 Approval of a Work Authorization 5 to the Professional Service Agreement with HDR Engineering, Inc. for engineering support for the design and construction of the 365 Tollway Wetland Mitigation site in the amount of \$310,039.40; and

WHEREAS, on December 20, 2021 the Authority approved Resolution 2021-74 Consideration and Approval of Work Authorization 6 with HDR Engineering, Inc. for

engineering support for review of the 365 Tollway Value Engineering Change Proposals in the amount of \$79,429.57; and

WHEREAS, on December 20, 2021 the Authority approved Resolution 2021-52 Approval of Contract Amendment 3 to the Professional Service Agreement with HDR to increase the maximum payable amount from \$1,018,118.62 to \$1,407,587.59 for a total increase of \$389,468.97 for Work Authorization No. 5 & Work Authorization No. 6; and

WHEREAS, on January 25, 2022 the Authority approved Resolution 2022-02 Consideration and Approval of Work Authorization 1 Supplemental 1 to the Professional Service Agreement with HDR Engineering, Inc. for a no-cost time extension for general engineering consulting services to the Hidalgo County Regional Mobility Authority; and

WHEREAS, on January 25, 2022 the Authority approved Resolution 2022-03 Consideration and Approval of Work Authorization 2 Supplemental 2 to the Professional Service Agreement with HDR Engineering, Inc. for a no-cost time extension for general engineering consulting services to the Hidalgo County Regional Mobility Authority; and

WHEREAS, on January 25, 2022 the authority approved Resolution 2022-04 Consideration and Approval of Work Authorization 3 Supplemental 1 to the Professional Service Agreement with HDR Engineering, Inc. for a no-cost time extension for general engineering consulting services to the Hidalgo County Regional Mobility Authority; and

WHEREAS, the Authority finds it necessary to approve Resolution 2022-11 - Consideration and Approval of Work Authorization 7 with HDR Engineering, Inc. for engineering services for the review for the updated design initiated under the 365 Tollway Value Engineering Change Proposal process in the amount of \$119,970.68.

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 7 with HDR Engineering, Inc. for engineering services for the review for the updated design initiated under the 365 Tollway Value Engineering Change Proposal process in the amount of \$119,970.68, hereto attached as Exhibit A.
- Section 3. The Board authorizes the Executive Director to execute Work Authorization 7 to the Professional Services Agreement for Program Management Support.

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 22nd day of February 2022, at which meeting a quorum was present.

S. David Deanda, Jr., Chairman

Ezequiel Reyna, Jr., Secretary/Treasurer

EXHIBIT A

WORK AUTHORIZATION 7
TO THE PROFESSIONAL SERVICE AGREEMENT
FOR
GENERAL ENGINEERING CONSULTANT SERVICES
BETWEEN
THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
AND
HDR ENGINEERING, INC.

ATTACHMENT D-1

WORK AUTHORIZATION NO. 7 AGREEMENT FOR GENERAL ENGINEERING CONSULTING SERVICES

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

PART I. The GEC will perform engineering design services generally described as in accordance with the project description attached hereto and made a part of this Work Authorization. The responsibilities of the Authority and the GEC 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 \$119,970.68 and the method of payment is Lump Sum as set forth in Attachment E of the Agreement. This amount is based upon fees set forth in Attachment E, Fee Schedule, of the Agreement and the Engineer's estimated Work Authorization costs included in Exhibit D, Fee Schedule, which is attached and made a part of this Work Authorization.

PART III. Payment to the GEC 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, 2022 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 General Engineering Consulting Services.

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

THE GEC

(Signature)
David C. Weston
(Printed Name)
Gulf Coast Area Manager
(Title)

(Date)

THE AUTHORITY

(Signature)
Pilar Rodriguez, P.E
(Printed Name)
Executive Director
(Title)

(Date)

LIST OF EXHIBITS

Exhibit A Services to be provided by the Authority
Exhibit B Services to be provided by the GEC
Exhibit C Work Schedule
Exhibit D Fee Schedule/Budget
Exhibit H-2 Sub provider Monitoring System Commitment Agreement

EXHIBIT A
SERVICES TO BE PROVIDED BY THE AUTHORITY

The **AUTHORITY** will provide the following general items.

1. Authorization to begin work.
2. Timely payment for work performed by the **Engineer** and accepted by the **AUTHORITY** on a monthly basis.
3. Assistance to the **Engineer**, as necessary, to obtain the required data and information from other local, regional, State and Federal agencies that the **Engineer** cannot easily obtain.
4. Provide any available relevant data the **AUTHORITY** may have on file concerning the project.
5. Review and approve the **Engineer**'s progress schedule with milestone activities and/or deliverables identified.

EXHIBIT B
SERVICES TO BE PROVIDED BY THE ENGINEER

1. Task 1 – Existing VECP Review during construction

1.1 Review of Contractor's revised VE plans – The GEC shall provide a limited plan review to confirm that the contractor's revised plans:

- Meet the requirements of the contract,
- Are consistent with the Contractor's original commitments,
- Meet applicable standards and governmental requirements,
- Meet intended operational and maintenance requirements, and,
- Are consistent with environmental commitments (a collaborative effort with Blanton and Associates). Environmental changes shall be identified and tracked.

The GEC will set up a review process to provide easy file sharing and consistent review between the RMA, contractor, and the GEC. The process will be implemented using Bluebeam profiles.

1.2 Quality Assurance (documentation) of reviewed Contractor's Quality Control Plan Execution for their Value Engineering Plan – The GEC shall review Contractor's submittal information and backup information (Quality Control documentation) to confirm that Contractor's quality control efforts are complete.

1.3 VE workshops - The GEC shall attend any HCRMA or Contractor calls or workshops related to VE design.

2 Task 2 - Review of additional VECP concepts – Should Contractor submit additional VECP concepts, the GEC shall coordinate, evaluate, and provide recommendations:

2.1 Coordination – The GEC shall:

EXHIBIT B
SERVICES TO BE PROVIDED BY THE ENGINEER

- Participate in Contractor workshops to review and discuss the Contractor's Value Engineering concepts,
- Participate in owner meetings/workshops related to VE Concepts,
- Provide requested VE supporting information at HCRMA board meetings and,

Assist HCRMA with potential 3'd party coordination with respect to VE concepts.

2.2 Evaluation - The GEC shall:

- Review Contractors Exhibit A (VE concept memo) and provide independent assessments, risk analysis, constructability reviews and recommendations.
- Review Contractors design/construction cost estimates for their proposed VE concepts to determine overall impacts to costs. An independent design/construction estimate of probable construction costs shall be developed and compared with Contractors estimate.
- Review Contractors schedule refinements for their proposed VE proposals to determine impacts to overall schedule and critical path. An independent assessment of schedule shall be developed. And compared with Contractor's schedule. Original schedule during the procurement phase shall be used as the baseline

2.2.1 Environmental Impacts - The GEC shall:

Identify, recommend, and document in a tracking log the schematic refinements, if necessary, that may need to be incorporated into the schematic due to accepted Contractor VE concepts. Contractor is responsible for all revisions.

EXHIBIT B
SERVICES TO BE PROVIDED BY THE ENGINEER

The GEC independent technical review (ITR) of the items listed in Tasks 1.1, 1.2, and 2.2 of this scope of services represent technical observations and recommendations, and the engineers of record remain responsible for determining if said observations and recommendations are to be incorporated into their final design. The GEC is not liable for their recommendations whether they are accepted or not.

EXHIBIT C
WORK SCHEDULE

VECP Design Independent Technical Review (ITR)

Task 1

Existing VECP ITR during construction	03/01/2022 - 12/30/2022
--	--------------------------------

Task 2

Additional VECP ITR during construction	03/01/2022 – 12/30.2022
--	--------------------------------

Prime Provider: HDR Engineering, Inc.

Subconsultant:

Work Authorization:

07

	VECP Design ITR		Total by Firm	% by Firm
	Labor	ODE		
HDR	\$119,872.68	\$98.00	\$119,970.68	100%
<blank>			\$0.00	0%
<blank>			\$0.00	0%
<blank>			\$0.00	0%
<blank>			\$0.00	0%
<blank>			\$0.00	0%
<blank>			\$0.00	0%
<blank>			\$0.00	0%
Sub-Total by Task	\$119,872.68	\$98.00	Total WA	100%
Total by Task	\$119,970.68		\$119,970.68	

Prime Provider: HDR Engineering, Inc.

Subconsultant: 0

Work Authorization: 07

Legend: recurring every X months = ~Xmos

Labor Categories	Project Manager	Deputy Project Manager	Sr Technical Advisor	Quality Manager	Senior Engineer	Project Engineer	Design Engineer	Senior Geotech Engineer	Transportation Planner IV	Senior Environmental Scientist	Estimating Sch Support 2	Scheduler	Admin III	Total Task Hours	Line Item Fee
Negotiated Rate	\$220.62	\$254.57	\$296.99	\$240.42	\$198.00	\$169.71	\$141.43	\$212.14	\$198.00	\$175.37	\$179.61	\$161.23	\$84.86		
DESCRIPTION OF TASKS/DETAILS															
1 - Task 1 - VECP review during construction														0	\$0.00
1.1 review of revised VE plans	24	16	25	10	30	20	24	20			20	20	5	214	\$43,409.37
1.2 Quality Assurance of reviewed VE plans	4	2			30									36	\$8,604.22
1.3 VE workshops	40	30				10	10			10				110	\$23,964.60
Set up review processes	2				2	20					5	5		26	\$5,051.80
														0	\$0.00
														0	\$0.00
2 - Task 2 - Review of additional concepts (if provided by Contractor)														0	\$0.00
2.1 Coordination / workshops	15	4	1		8			2			5	5	1	41	\$8,421.91
2.2 Evaluation	3	8	5	2	9	2		2		8			1	40	\$8,697.73
2.3 Environmental impacts	20	11	18	4	22				16				8	99	\$21,723.05
														0	\$0.00
														0	\$0.00
														0	\$0.00
														0	\$0.00
Labor Hours Total	108	71	49	48	99	32	24	34	16	8	30	30	17	566	hours check
Labor Cost Total	\$23,826.96	\$18,074.47	\$14,552.51	\$11,540.16	\$19,602.00	\$5,430.72	\$3,394.32	\$7,212.76	\$3,168.00	\$1,402.96	\$5,388.30	\$4,836.90	\$1,442.62	\$119,872.68	cost check
% Staff Distribution	19%	13%	9%	8%	17%	6%	4%	6%	3%	1%	5%	5%	3%	100%	

Prime Provider: HDR Engineering, Inc.
Subconsultant:
Work Authorization: 07

Legend: Current State Rate = CSR, Actual Cost = AC, Fixed = F, Max = M

OTHER DIRECT EXPENSE	UNIT	MAX RATE BASIS	FIXED / MAX	ODE RATE	TOTAL FOR WAXX	Sub-Total per ODE
Photocopies B/W (11" X 17")	each	n/a	F	\$0.25	200	\$50.00
Photocopies B/W (8 1/2" X 11")	Each	n/a	F	\$0.12	400	\$48.00
Total ODE Cost					\$98.00	\$98.00

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: N/A and attach with the work authorization or supplemental work authorization.**

Contract #: 07-E36-19-04 Assigned Goal: 12.2% Prime Provider HDR Engineering, Inc.

Work Authorization (WA)#: 7 WA Amount: \$119,970.68 Date: _____

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

Revised WA Amount: _____

Description of Work <i>(List by category of work or task description. Attach additional pages, if necessary.)</i>	Dollar Amount <i>(For each category of work or task description shown.)</i>
GEC independent technical review (ITR) VECPs	\$119,970.68
	\$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: HDR Engineering, Inc. Address: 4828 Loop Central Drive, Ste. 800, Houston, TX 77081 VID Number: 14706805687 PH: 713-622-9264 & FAX: Email: <u>David.Weston@hdrinc.com</u>	Name: <u>David C. Weston</u> <i>(Please Print)</i> Title: <u>Gulf Coast Area Manager</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).

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Item 3D

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u>X</u>	AGENDA ITEM	<u>3D</u>
PLANNING COMMITTEE	_____	DATE SUBMITTED	<u>02/11/2022</u>
FINANCE COMMITTEE	_____	MEETING DATE	<u>02/22/2022</u>
TECHNICAL COMMITTEE	_____		

1. Agenda Item: RESOLUTION 2022-12 - CONSIDERATION AND APPROVAL OF CONTRACT AMENDMENT 4 TO THE PROFESSIONAL SERVICE AGREEMENT WITH HDR ENGINEERING, INC. TO INCREASE THE MAXIMUM PAYABLE AMOUNT FOR WORK AUTHORIZATION NUMBER 7.
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Consideration and Approval of CA 4 to PSA with HDR Engineering, Inc. to provide engineering support for the 365 Toll Project.
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 2022-12 - Consideration and Approval of Contract Amendment 4 to the Professional Service Agreement with HDR Engineering, Inc. to increase the maximum payable amount for Work Authorization Number 7, 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 HDR, Inc.
- Geo-Technical
- Surveying

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2022-12

Original Contract Amount **\$ 488,658**

Amendment # **4**

Amount **\$ 119,970.68**

Approved Amendments:

Resolution No.	Description	Amount
2019-01	PSA to provide General Consultant Services	\$ 488,657.91
2020-37	Contract Amendment 1 Due SA1WA2 & WA3	\$ 331,714.69
2021-22	Contract Amendment 2 for WA4	\$ 197,746.02
2021-52	Contract Amendment 3 for WA5 & WA 6	\$ 389,468.97

Subtotal from Cont. Page	<u>\$ 0.00</u>
Contract Amount	<u>\$ 1,407,587.59</u>

Proposed Amendment

2022-12	Contract Amendment 4 for WA7	\$ 119,970.68
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Goal and Options:

Approval of Contract Amendment 4 to the Professional Service Agreement with HDR Engineering to increase maximum amount payable for WA 7.

Staff is recommending approval of this request in the amount of \$ 119,970.68 for a Revised Maximum Payable Amount of \$ 1,527,558.27

E. Davila, Develop Eng

Requested by:

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2022-12

APPROVAL OF CONTRACT AMENDMENT 4 TO THE PROFESSIONAL SERVICE AGREEMENT WITH HDR ENGINEERING, INC. TO INCREASE THE MAXIMUM PAYABLE AMOUNT FOR WORK AUTHORIZATION NUMBER 7

THIS RESOLUTION is adopted this 22nd day of February 2022, by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”);

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 22, 2012 the Authority approved Resolution 2012-04, which created the Technical Committee, comprised of senior level engineers and professional from various communities and agencies in the jurisdiction of the Authority, to serve to advise the Board on procurement and consultant work products; and

WHEREAS, Resolution 2012-04 also authorized the Executive Committee to determine the size, structure and scope of the Technical Committee, identify candidates and issue requests for participation; and

WHEREAS, February 27, 2018, the Authority approved Resolution 2018-07 which for the procurement of 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 Technical Committee has rated and ranked the Statements of Qualifications for the General Engineering Consultant Services and recommends interviews be dispensed with and that staff be authorized to negotiate with HDR Engineering, Inc.; and

WHEREAS, on March 5, 2019 the Authority approved Resolution 2019-01 Approval of a Professional Service Agreement with HDR Engineering, Inc. to provide General Consultant Services for the Hidalgo County Loop System of the Hidalgo County Regional Mobility Authority with a maximum amount payable of \$488,657.91; and

WHEREAS, on March 5, 2019 the Authority approved approve Resolution 2019-02 Approval of a Work Authorization 1 to the Professional Service Agreement with HDR Engineering, Inc. Project Management for the 365 Tollway Project in the amount of \$171,350.84; however, no notice to proceed was issued; and

WHEREAS, on November 17, 2020 in order to reflect a change in the planned series of tasks relating to a changed project letting schedule, the Board found it to be in the best interest of the Authority to approve Resolution 2020-32 Approval of Amended and Restated Work Authorization 1 to the Professional Service Agreement with HDR Engineering, Inc. for General Engineering Consulting Services for the 365 Tollway Program Management Support in the amount of \$301,579.58; and

WHEREAS, on November 17, 2020 the Authority approved Resolution 2020-33 Approval of a Work Authorization 2 to the Professional Service Agreement with HDR Engineering, Inc. for General Engineering Consultant Services for the 365 Tollway Roadway Construction Contract Letting Support in the amount of \$125,723.03; and

WHEREAS, on December 15, 2020 the Authority approved Resolution 2020-35 Approval of Supplemental Agreement 1 to Work Authorization 2 to the Professional Service Agreement with HDR Engineering, Inc. for General Engineering Consultant Services for the 365 Tollway Roadway Construction Contract Letting Support in the amount of \$93,284.63; and

WHEREAS, on December 15, 2020 the Authority approved Resolution 2020-36 Approval of a Work Authorization 3 to the Professional Service Agreement with HDR Engineering, Inc. for General Engineering Consultant Services for the 365 Tollway Integration Contract Letting Support in the amount of \$299,785.36; and

WHEREAS, on December 15, 2020 the Authority approved Resolution 2020-37 Approval of Contract Amendment 1 to the Professional Service Agreement with HDR to increase the maximum payable amount from \$488,657.91 to \$820,372.60 for a total increase of \$331,714.69 due to additional scope and effort outlined in Supplemental Agreement 1 to Work Authorization No. 2 and Work Authorization No. 3; and

WHEREAS, on June 22, 2021 the Authority approved Resolution 2021-21 Approval of a Work Authorization 4 to the Professional Service Agreement with HDR Engineering, Inc. for IBTC final schematic Support for the Environmental Clearance in the amount of \$197,746.02; and

WHEREAS, on June 22, 2021 the Authority approved Resolution 2021-22 Approval of Contract Amendment 2 to the Professional Service Agreement with HDR to increase the maximum payable amount from \$820,372.60 to \$1,018,118.62 for a total increase of \$197,746.02 for Work Authorization No. 4; and

WHEREAS, on December 20, 2021 the Authority approved Resolution 2021-51 Approval of a Work Authorization 5 to the Professional Service Agreement with HDR Engineering, Inc. for engineering support for the design and construction of the 365 Tollway Wetland Mitigation site in the amount of \$310,039.40; and

WHEREAS, on December 20, 2021 the Authority approved Resolution 2021-74 Approval of a Work Authorization 6 to the Professional Service Agreement with HDR Engineering, Inc. for engineering support for review of the 365 Tollway value engineering change proposals in the amount of \$79,429.57; and

WHEREAS, on December 20, 2021 the Authority approved Resolution 2021-52 Approval of Contract Amendment 3 to the Professional Service Agreement with HDR to increase the maximum payable amount from \$1,018,118.62 to \$1,407,587.59 for a total increase of \$389,468.97 for Work Authorization No. 5 & Work Authorization No. 6.

WHEREAS, on January 25, 2022 the Authority approved Resolution 2022-02 Consideration and Approval of Work Authorization 1 Supplemental 1 to the Professional Service Agreement with HDR Engineering, Inc. for a no-cost time extension for general engineering consulting services to the Hidalgo County Regional Mobility Authority; and

WHEREAS, on January 25, 2022 the Authority approved Resolution 2022-03 Consideration and Approval of Work Authorization 2 Supplemental 2 to the Professional Service Agreement with HDR Engineering, Inc. for a no-cost time extension for general engineering consulting services to the Hidalgo County Regional Mobility Authority; and

WHEREAS, on January 25, 2022 the authority approved Resolution 2022-04 Consideration and Approval of Work Authorization 3 Supplemental 1 to the Professional Service Agreement with HDR Engineering, Inc. for a no-cost time extension for general engineering consulting services to the Hidalgo County Regional Mobility Authority.

WHEREAS, on February 22, 2022 the Authority approved Resolution 2022-11 - Consideration and Approval of Work Authorization 7 with HDR Engineering, Inc. for engineering services for the review for the updated design initiated under the 365 Tollway Value Engineering Change Proposal process in the amount of \$119,970.68; and

WHEREAS, the Authority finds it necessary to approve Resolution 2022-12 Approval of Contract Amendment 4 to the Professional Service Agreement with HDR to increase the maximum payable amount from \$1,407,587.59 to \$1,527,558.27 for a total increase of \$119,970.68 for Work Authorization No. 7.

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 4 to the Professional Services Agreement with HDR Engineering, Inc. to increase the maximum amount payable to \$1,527,558.27 (hereto attached as Exhibit A).
- Section 3. The Board authorizes the Executive Director to execute the Contract Amendment 4 to the Professional Services Agreement for General Engineering Consultant Services hereby 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 22nd day of February 2022, at which meeting a quorum was present.

S. David Deanda, Jr., Chairman

Ezequiel Reyna, Jr., Secretary/Treasurer

EXHIBIT A

CONTRACT AMENDMENT 4
TO THE PROFESSIONAL SERVICE AGREEMENT
FOR
GENERAL ENGINEERING CONSULTANT SERVICES
BETWEEN
THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY
AND
HDR ENGINEERING, INC.

**CONTRACT AMENDMENT NO. 4
TO PROFESSIONAL SERVICES AGREEMENT
FOR GENERAL ENGINEERING CONSULTING SERVICES**

THIS CONTRACT AMENDMENT is made pursuant to the terms and conditions of “Article V of that certain Professional Services Agreement for General Engineering Consulting Services” hereinafter identified as the “Agreement,” entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and HDR Engineering Inc. (the GEC).

Article III Compensation

Article III Compensation shall be amended to increase the amount payable under this contract from \$1,407,587.59 to \$1,527,558.27 for a total increase of \$119,970.68 due to additional scope and effort outlined in Work Authorization No. 7.

This Contract Amendment No. 4 to the Professional Services Agreement shall become effective on the date of final execution of the parties hereto. All other terms and conditions of the Agreement not hereby amended are to remain in full force and effect.

IN WITNESS WHEREOF, this Supplemental 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: _____

GEC

By: _____

Name: David Weston _____

Title: Gulf Coast Area Manager _____

HDR Engineering, Inc. _____

Date: _____

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Item 3E

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS
PLANNING COMMITTEE
FINANCE COMMITTEE
TECHNICAL COMMITTEE

X

AGENDA ITEM
DATE SUBMITTED
MEETING DATE

3E
02/14/2022
02/22/2022

1. Agenda Item: RESOLUTION 2022-13 CONSIDERATION AND APPROVAL OF SUPPLEMENTAL WORK AUTHORIZATION #1 TO WORK AUTHORIZATION #1 FOR CONSTRUCTION MATERIAL TESTING SERVICES TO B2Z ENGINEERING FOR IMPLEMENTATION OF THE NEW IBWC TESTING REQUIREMENTS
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Approval of SWA#1 to WA#1 for CMT Services with B2Z Engineering, LLC.
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 2022-13 CONSIDERATION AND APPROVAL OF SUPPLEMENTAL WORK AUTHORIZATION #1 TO WORK AUTHORIZATION #1 FOR CONSTRUCTION MATERIAL TESTING SERVICES TO B2Z ENGINEERING FOR IMPLEMENTATION OF THE NEW IBWC TESTING REQUIREMENTS, as presented.
6. Program Manager's Recommendation: X Approved Disapproved None
7. Planning Committee's Recommendation: Approved Disapproved X None
8. Board Attorney's Recommendation: Approved Disapproved X None
9. Chief Auditor's Recommendation: Approved Disapproved X None
10. Chief Financial Officer's Recommendation: Approved Disapproved X None
11. Chief Development Engineer's Recommendation: Approved Disapproved X None
12. Chief Construction Engineer's Recommendation: X Approved Disapproved None
13. 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. HCRMA, Chief Construction Engineer

Date: February 13, 2022

Subject: **RESOLUTION 2022-13 CONSIDERATION AND APPROVAL OF SUPPLEMENTAL WORK AUTHORIZATION #1 TO WORK AUTHORIZATION #1 FOR CONSTRUCTION MATERIAL TESTING SERVICES TO B2Z ENGINEERING FOR IMPLEMENTATION OF THE NEW IBWC TESTING REQUIREMENTS**

GOAL

Approval and authorization to modify original work authorization with B2Z Engineering to capture revised IBWC testing requirements on levee sections. As per agency discussions with IBWC field operations, this would be key to an expedient acceptance of the new proposed levee sections.

HISTORY

On September 28, 2021 HCRMA Board authorized main contract and WO#1 with B2Z Engineering to provide construction materials testing of levee work on Phase II of 365 Toll highway construction project in the amount of \$201,143.26 for a proposed three (3) year fixed period of time.

Upon further inter agency collaboration, new IBWC construction standards and procedures were introduced onto project. The implemented requirements drastically improved the agency's testing requirements due to previous encountered levee dilemmas. Below is an assessment of cost differentials, all in the levee embankment testing procedures.

Embankment (Test All Fill)											
Sampling and laboratory testing of soils		IBWC 2015 Guide Specs		IBWC 2021 Guide		Additional Assumptions		Unit		QTY 2015	
• Field density testing of soils and base								Each		yr. 2021	
Liquid Limit	TxDOT Test	no requirement		Every 1000 CY		included with PI		Each	127	600	\$75.00
Plasticity Index	Tex-104-E	PD-15 ~ Every 5,000 CY		Every 1000 CY				Each	127	600	\$9525.00
USCS	ASTM D487					included with PI					\$45,000.00
Gradation	Tex-110-E	Every 10,000 CY		Every 1000 CY				Each	64	600	\$4352.00
Moisture Density	Tex-114-E	One per Each Material		One per 1,000 CY				Each	5	300	\$215.00
In-Place Density	Tex-115-E	Every 5,000 CY or 0.0001 ft/min. (per lift)		Every 250 CY				Each	127	2,400	\$50.00
Crumb	ASTM D6572	no requirement		Every 1000 CY				Each	0	600	\$60.00
Pinhole	ASTM D4847	no requirement		Every 1000 CY				Each	0	600	\$400.00
Double Hydrometer	ASTM D4221	no requirement		Every 1000 CY				Each		600	\$315.00
Lab Moisture Content	ASTM D2216	no requirement		Every 20 Density				Each		120	\$19.00
Tech Time (Soil)						PIG: MD & FD		Hour	822	9,700	\$68.02
# of Trips (Tech)		165 Trips		841 Trips				Mile	4240	23,075	\$6.00
"Admin Clerical								Hour	244	565	\$61.95
Item Subtotal											\$ 11,770.24
											\$ 1570,105.75

Attached, please find initial proposal to amend was \$2,085,030.88 upon negotiation we arrived at \$1,869,890.68.

RECOMMENDATION

Staff recommends acceptance of the amended terms and conditions of Supplemental Authorization #1 to Original Work Authorization #1 to B2Z Engineering in the amount of \$1,869,890.68, increasing contract amount by \$1,668,747.42 for implementing revised IBWC specifications and testing requirements.

International Boundary and Water Commission

United States and Mexico

United States Section

4191 N. Mesa, El Paso, TX 79902



Minimum Levee Testing Requirements

Established by Design Engineer	USIBWC Minimum	ASTM	Test Name	REQUIREMENT	Minimum Frequency	IBWC Required Forms
X	X	D698 D1557	Proctor	Required for quality control of construction	2,000 cy	
	X	D6913	Grain Size Analysis	$\geq 60\%$ passing 200, $100\% < 1"$	1,000 cy	
	X	D6572	Crumb	Grade 1	1,000 cy	
	X	D4647	Pinhole	ND1 or ND2	1,000 cy	
	X	D4221	Double Hydrometer	Less than 30	1,000 cy	
	X	D2487	USCS	CL or CH only <i>(CL-ML or any soils other than clay not allowed)</i>	1,000 cy	
	X	D4318	Atterberg Limits	$PI \geq 15$ (<i>PI and LL range set by Design Engineer</i>)	1,000 cy	
	X	D6938	Field Density Measurement	Minimum of 95% of max dry density for D698. Minimum of 92% of max dry density for D1557.	2 per day or 1 per every 250 cy placed, whichever greater	
	X	D6938	Field Moisture Content	Minimum at optimum. Usually moisture content between optimum and +2 of optimum.	Whenever field density is taken	
	X	D6938	Nuclear Gauge Standard Count	Verify nuclear gauge readings/stability.	Prior to use of each gauge, each day onsite	Form 241
	X	D2216	Lab Moisture Content	Verify nuclear gauge readings	Every 20 ASTM D6938 tests	Form 240

1. Design Engineer shall increase USIBWC minimum requirements and frequency as required for their project. Requirements can not be reduced.
2. Method B shall be used on all Proctors (D698 and D1557). Use of ASTM D698 or ASTM D1557 shall be determined by Design Engineer.
3. Grain Size Analysis shall use sieves sized 2 inch, 1 inch, 3/8 inch, 4, 10, 20, 40, 60, 140 and 200 at a minimum. Includes hydrometer testing of material below 200 sieve.
4. Clay used shall not be blended with any other material if it meets these requirements.
5. Minimum frequency assumes a large project. Small projects shall increase frequency appropriately.
6. The most recent version of ASTM standards shall be used.
7. Forms are available at www.ibwc.gov/Organization/Engineering/construction.html.

- Environmental
- Engineering
- Geo-Technical
- Surveying



WORK AUTHORIZATION SUMMARY

/ 2022-13

Work Authorization # 1 Supplemental # 1

Amount \$1,869,890.68

Approved Work Authorizations:

Resolution No.	Description	Amount
2021-43	WA No.1	\$201,143.26

Subtotal from Cont. Page \$ 0.00

Total Approved WA **\$ 201,143.26**

Proposed Work Authorization and/or Supplemental

2022-13 **\$ 1,668,747.42**

Goal and Options:

Approval of SA1 to WA 1 for Construction Material Testing for IBWC Levees on the 365 Tollway Project.

Staff is recommending approval of this request in the amount of \$1,668,747.42
Proposed total approved WA and/or Supplements \$1,869,890.68

Proposed Revised Contract Amount

R. Navarro IV, Cons Eng
Requested By:

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2022-13

**CONSIDERATION AND APPROVAL OF SUPPLEMENTAL WORK AUTHORIZATION #1
TO WORK AUTHORIZATION #1 FOR CONSTRUCTION MATERIAL TESTING SERVICES
TO B2Z ENGINEERING FOR IMPLEMENTATION OF THE NEW IBWC TESTING
REQUIREMENTS**

THIS RESOLUTION is adopted this 22nd day of February, 2022, by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”);

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 19, 2014, the Authority issued a solicitation for Statements of Qualification for Construction Material Testing Services for the Authority (the “Solicitation”); and

WHEREAS, on March 21, 2014 the Authority received responses to the Solicitation; and

WHEREAS, on April 23, 2014, Resolution 2014-38 authorized Authority staff to negotiate and enter into agreements with the top three scored firms (Raba Kistner Consultants Inc., L&G Laboratories and Terracon Consultants, Inc.) for Construction Material Testing Services (the “Services”); and

WHEREAS, on July 24, 2018, Resolution 2018-45 authorized Authority staff to procure one additional lab to provide additional Services; and

WHEREAS, on July 29, 2018, the Authority published a second Solicitation; and received three (3) responses, of which only one was deemed responsive;

WHEREAS, on September 25, 2018, the Authority authorized staff to negotiate contract terms for the Services to PaveTex Engineering LLC, dba PAVETEX, the sole responsive firm that met the professional services criteria set forth in the Solicitation;

WHEREAS, on August 21, 2020, the Authority received five (5) sealed statements of qualification packets. An internal committee of three HCRMA staff engineers ranked and reviewed; the Authority determined it necessary to negotiate contract terms to enter into negotiations with each of the ranked firms and further approach Board with recommended award and distribution of work in accordance to acceptable terms and conditions of assignments; and

WHEREAS on October 27, 2020, the Authority approved Resolution 2020-28 Approval to enter into negotiations with each of the short-listed firms for Construction Material Testing for the Hidalgo County Regional Mobility Authority and further approach Board with recommended award and distribution of work in accordance to acceptable terms and conditions of assignments; and

WHEREAS on September 28, 2021 the Authority approved Resolution 2021-42 Approval of Award of Contract by and between the B2Z Engineering, LLC, and the Hidalgo County Regional Mobility Authority for Construction Material Testing Services; and Resolution 2021-43 Work Authorization 1 to the Professional Service Agreement with B2Z Engineering, LLC, for Construction Material Testing in the 365 Tollway Project in the amount of \$201,143.26.

WHEREAS the Authority finds it necessary to approve Resolution 2022-13 consideration and approval of Supplemental Work Authorization #1 to Work Authorization #1 for Construction Material Testing Services to B2Z Engineering for implementation of the new IBWC Testing Requirements in the amount of \$1,869,890.68.

NOW THEREFORE, BE IT RESOLVED, BY THE BOARD OF DIRECTORS OF THE HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY THAT:

- Section 1. The recital clauses are incorporated in the text of this Resolution as if fully restated.
- Section 2. The Board hereby approves Supplemental Work Authorization 1 to Work Authorization #1 the Professional Service Agreement with B2Z Engineering, LLC, in the amount of \$1,869,890.68 for the 365 Tollway Project, hereto attached as Exhibit A.
- Section 3. The Board authorizes the Executive Director to execute Supplemental Work Authorization 1 to Work Authorization 1 with B2Z Engineering, LLC, as approved by the Board.

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 22nd day of February 2022, at which meeting a quorum was present.

S. David Deanda, Jr., Chairman

Ezequiel Reyna, Jr., Secretary/Treasurer

Exhibit A

Supplemental Work
Authorization 1 to
Work Authorization 1
the
Professional Service
Agreement with
B2Z Engineering, LLC,
For
Construction Material Testing Services

ATTACHMENT D-2

SUPPLEMENTAL WORK AUTHORIZATION NO. 1 TO WORK AUTHORIZATION NO. 1 AGREEMENT FOR ENGINEERING SERVICES

THIS SUPPLEMENTAL WORK AUTHORIZATION is made pursuant to the terms and conditions of "Article V of that certain Professional Services Agreement for Engineering Design Services" hereinafter identified as the "Agreement," entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and B2Z Engineering, LLC. (the Engineer).

The following terms and conditions of Work Authorization No. 1 are hereby amended as follows:

Supplemental Work Authorization #1 to Work Authorization #1 for Construction Material Testing Services to B2Z Engineering for implementation of the new IBWC Testing Requirements in the amount of \$1,869,890.68.

This Supplemental Work Authorization shall become effective on the date of final execution of the parties hereto. All other terms and conditions of Work Authorization No. 1 not hereby amended are to remain in full force and effect.

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

THE ENGINEER

(Signature)
Aisha Gonzalez _____
(Printed Name)
President _____
(Title)
2/23/22 _____
(Date)

THE AUTHORITY

(Signature)
Pilar Rodriguez _____
(Printed Name)
Executive Director _____
(Title)
2/23/22 _____
(Date)

February 3, 2022

Mr. Ramon Navarro, IV, P.E., C.F.M.
Chief Construction Engineer
Hidalgo County Regional Mobility Authority
203 W. Newcombe Ave.
Pharr, Texas 78577

Reference: Hidalgo County RMA SH 365 Toll – CMT Proposal

Dear Mr. Navarro:

B2Z Engineering, LLC. appreciates the opportunity to submit the budget estimate to provide materials testing services in response to your Request for Proposal issued February 1, 2022. Based on the information furnished to us, we estimate a budget of **\$1,869,890.68**. Any additional services requested and not part of this estimate will be charged in accordance with B2Z's fee schedule. A worksheet with the breakdown of quantities is included with this proposal for your convenience.

We look forward to working with you. If you have any questions, please contact us at your convenience.

Sincerely,
B2Z Engineering, LLC.



Hector Cantu
Corporate Laboratory Manager

Attachments: Cost Estimate

EXHIBIT D
ESTIMATED MAN-HOURS AND TEST BREAKDOWN

**Hidalgo County RMA SH 365 Toll
Construction Materials Testing**

Embankment (Test All Fill Material Including Cut From Job) (ITEM 132)

- Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.
- Field density testing of soils and base materials to ensure proposer compaction as required by project plans and specifications.

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Liquid Limit	Tex-104-E	Every 1,000 CY	included with PI	Each			
Plasticity Index	Tex-106-E	Every 1,000 CY		Each	600	\$75.00	\$45,000.00
USCS	ASTM D2487		included with PI				
Gradation	Tex-110-E	Every 1,000 CY		Each	600	\$68.00	\$40,800.00
Moisture/Density	Tex-114-E	One per 2,000 CY		Each	300	\$215.00	\$64,500.00
In-Place Density	Tex-115-E	Every 250 CY		Each	2,400	\$50.00	\$120,000.00
Crumb	ASTM D6572	Every 1,000 CY		Each	600	\$60.00	\$36,000.00
Pinhole	ASTM D4647	Every 1,000 CY		Each	600	\$400.00	\$240,000.00
Double Hydrometer	ASTM D4221	Every 1,000 CY		Each	600	\$315.00	\$189,000.00
Lab Moisture Content	ASMT D2216	Every 20 Density Test		Each	120	\$13.00	\$1,560.00
Tech Time (Soils)			PI,Gr,MD & FD	Hour	9,700	\$68.02	\$659,794.00
# of Trips (Tech)			841 Trips	Mile	23,075	\$6.00	\$138,450.00
**Admin/Clerical				Hour	565	\$61.95	\$35,001.75
						Item Subtotal	\$1,570,105.75

Lime (ITEM 260)

- Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Compliance of Lime (DMS 6350)	Tex-600-J	1 per 200 Tons		Each	5	\$300.00	\$1,500.00
						Item Subtotal	\$1,500.00

Existing Material (Lime Treated) (ITEM 260)

- Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.
- Field density testing of soils and base materials to ensure proposer compaction as required by project plans and specifications.

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Pulverization Gradation	Tex-101-E (Part III)	Each 4,500 CY	Inc. to 5 - 1 per Leg (Job) included with PI	Each	7	\$53.00	\$371.00
Liquid Limit	Tex-104-E						
Plasticity Index	Tex-106-E	Each 5,000 CY	Inc. to 5 - 1 per Leg (Job)	Each	6	\$75.00	\$450.00
Gradation	Tex-110-E	Each 5,000 CY	Inc. to 5 - 1 per Leg (Job)	Each	6	\$68.00	\$408.00
Moisture/Density	Tex-114-E	One per Each Material		Each	2	\$215.00	\$430.00
In-Place Density	Tex-115-E	Every 3,000 CY		Each	10	\$50.00	\$500.00
Tech Time (Soils)			PI,Gr,MD & FD	Hour	65	\$68.02	\$4,421.30
# of Trips (Tech)			16 Trips	Mile	504	\$6.00	\$3,024.00
**Admin/Clerical				Hour	14	\$61.95	\$867.30
						Item Subtotal	\$10,471.60

Flexible Base (Untreated - Stockpile Testing) (ITEM 247)

- Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.

		TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Liquid Limit		Tex-104-E		included with PI	Each			
Plasticity Index		Tex-106-E	Each 5,000 CY		Each	2	\$75.00	\$150.00
Gradation		Tex-110-E	Each 5,000 CY		Each	2	\$68.00	\$136.00
Moisture/Density		Tex-113-E	Every 20,000 CY		Each	1	\$240.00	\$240.00
In-Place Density		Tex-115-E	Every 3,000 CY	Inc. to 10 - 2 per Leg (Job)	Each	10	\$50.00	\$500.00
Wet Ball Mill		Tex-116-E	Every 20,000 CY		Each	1	\$230.00	\$230.00
Triaxial		Tex-117-E	Every 20,000 CY		Each	1	\$1,800.00	\$1,800.00
Tech Time (Soils)				PI, MD & WB/Triax.	Hour	23	\$68.02	\$1,564.46
# of Trips (Tech)				16 Trips	Mile	504	\$6.00	\$3,024.00
**Admin/Clerical					Hour	10	\$61.95	\$619.50
							Item Subtotal	\$8,263.96

Hydraulic Cement Concrete Gatewell Structure & Foundation (Class C)

- Field sampling and testing of fresh concrete and laboratory testing of hardened concrete to determine compliance with project plans and specifications.
- Concrete batching as well as the asphalt testing at the plants to insure delivery of acceptable material to the job site (as required).

		TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Coarse Aggr.				QA Test. (QC by Source)				
Decantation		Tex-406-A	Each 20,000 CY (or source)		Each	1	\$54.00	\$54.00
Sieve Analysis		Tex-401-A	Each 1,000 CY (ea source)	5 Sieve	Each	1	\$73.58	\$73.58
Deleterious Matl.		Tex-413-A	Each 20,000 CY (or source)		Each	1	\$60.00	\$60.00
Fine Aggr.				QA Test. (QC by Source)				
Sand Equivalent		Tex-203-F	Each 1,000 CY (ea source)		Each	1	\$78.00	\$78.00
Organic Imp.		Tex-408-A	One Per Project Per Source		Each	1	\$52.00	\$52.00
Sieve Analysis		Tex-401-A	Each 1,000 CY (ea source)		Each	1	\$73.58	\$73.58
Fineness Mod.		Tex-402-A	Each 1,000 CY (ea source)		Each	1	\$18.00	\$18.00
Deleterious Matl.		Tex-413-A	Each 20,000 CY (or source)		Each	1	\$60.00	\$60.00
Concrete								
*Strength		Tex-447-A & Tex-418-A	Each 60 CY (1 Sets = 5 Cyl.)		Each	40	\$29.00	\$1,160.00
Slump		Tex-415-A	One per Set		Each	8	\$23.00	\$184.00
Entrained Air		Tex-416-A	One per Set		Each	8	\$26.28	\$210.24
Temperature		Tex-422-A	One per Set		Each	8	\$20.00	\$160.00
Tech Time (Aggr)					Hour	16	\$68.02	\$1,088.32
Tech Time (Conc)					Hour	47	\$68.02	\$3,196.94
# of Trips (Tech)				22 Trips	Mile	880	\$6.00	\$5,280.00
**Admin/Clerical					Hour	17	\$61.95	\$1,053.15
							Item Subtotal	\$12,801.81

Hydraulic Cement Concrete Misc. - Riprap (Class A)

- Field sampling and testing of fresh concrete and laboratory testing of hardened concrete to determine compliance with project plans and specifications.
- Concrete batching as well as the asphalt testing at the plants to insure delivery of acceptable material to the job site (as required).

		TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Concrete								
*Strength		Tex-447-A & Tex-418-A	Each 180 CY (1 Set = 2 Cyl.)	Adjust Per Str & Placement	Each	24	\$29.00	\$696.00
Tech Time (Conc)					Hour	66	\$68.02	\$4,489.32
# of Trips (Tech)				18 Trips	Mile	720	\$6.00	\$4,320.00
**Admin/Clerical					Hour	34	\$61.95	\$2,106.30
							Item Subtotal	\$11,611.62

Batching for Hydraulic Cement Concrete (Class C) & Asphalt Concrete Pavement (ACP) - Inspection of Batching at Plant (1 Tech per Plant, Reports)

- Field sampling and testing of fresh concrete and laboratory testing of hardened concrete to determine compliance with project plans and specifications.
- Concrete batching as well as the asphalt testing at the plants to insure delivery of acceptable material to the job site (as required).

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Concrete							
Tech Time (Conc)				Hour	24	\$68.02	\$1,632.48
# of Trips (Tech)			8 Trips	Mile	320	\$6.00	\$1,920.00
**Admin/Clerical				Hour	12	\$61.95	\$743.40
						Item Subtotal	\$4,295.88

* Concrete Strength testing includes strength testing of cylinder specimens (breaks)

as well as preparation, holding and curing of strength specimen costs

~ 1 Set is defined as 2 Cylinders (7-day or 28-day)

~ All Structural Concrete requires a minimum 2 Sets per Test Location (5 Cyl.)

** Project Administrative Fee is assessed on a per invoice basis and involves

engineering review, evaluation, management and administration

Summary

Sub-Total (CMT Items) =	\$1,619,050.62
Engineering Lab Manager (500 hrs x 94.71 Hr.)	\$47,355.00
Project Engineer (QA/QC of CMT) (250hrs x 133.98 Hr.)	\$33,495.00
Total :	\$1,699,900.62
Contingency (Estimated at 10%)	\$169,990.06
Construction Materials Testing Total	\$1,869,890.68

International Boundary and Water Commission

United States and Mexico

United States Section

4191 N. Mesa, El Paso, TX 79902

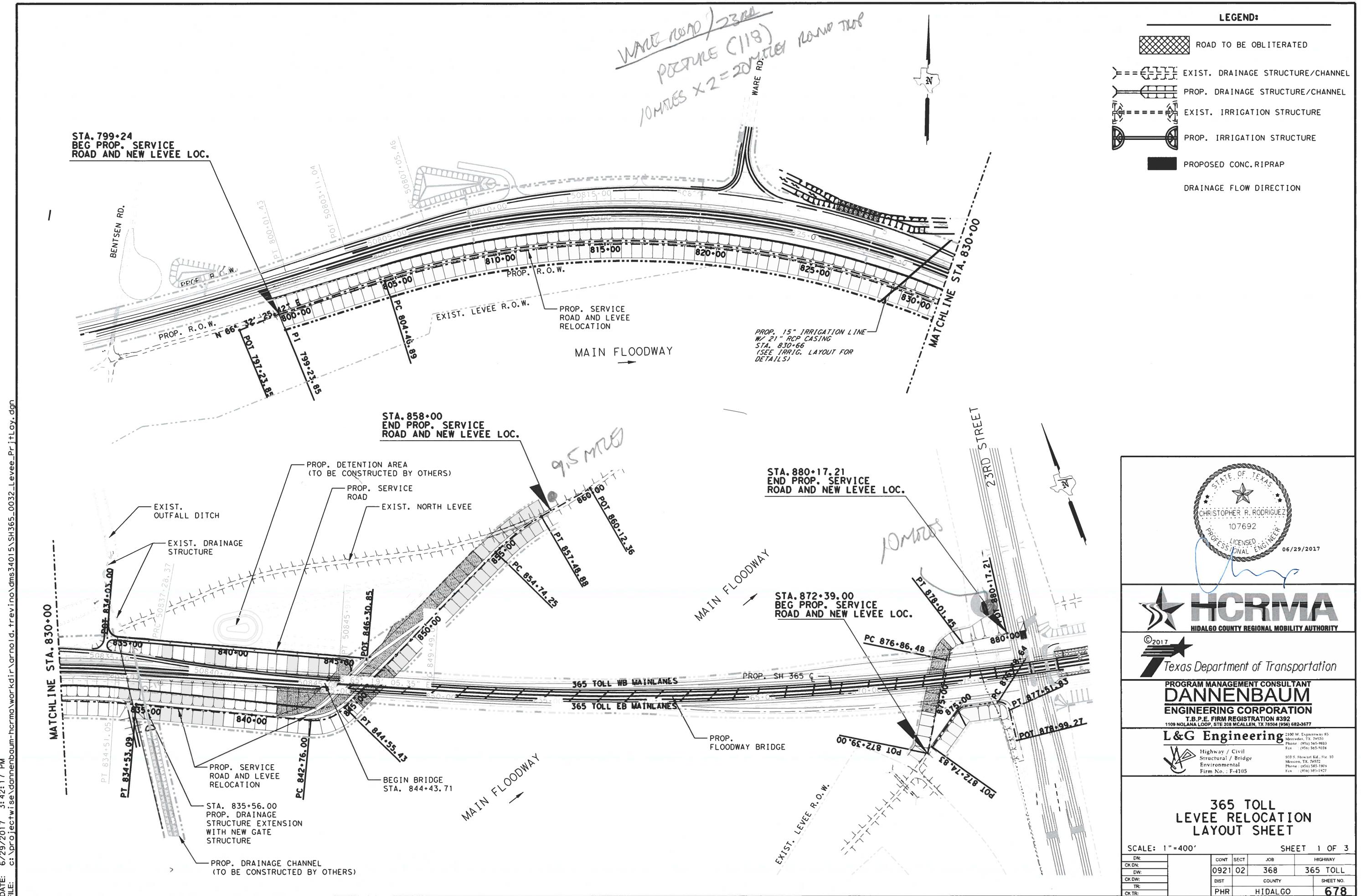


Minimum Levee Testing Requirements

Established by Design Engineer	USIBWC Minimum	ASTM	Test Name	REQUIREMENT	Minimum Frequency	IBWC Required Forms
X	X	D698 D1557	Proctor	Required for quality control of construction	2,000 cy	
	X	D6913	Grain Size Analysis	$\geq 60\%$ passing 200, 100% $< 1"$	1,000 cy	
	X	D6572	Crumb	Grade 1	1,000 cy	
	X	D4647	Pinhole	ND1 or ND2	1,000 cy	
	X	D4221	Double Hydrometer	Less than 30	1,000 cy	
	X	D2487	USCS	CL or CH only (CL-ML or any soils other than clay not allowed)	1,000 cy	
	X	D4318	Atterberg Limits	PI ≥ 15 (PI and LL range set by Design Engineer)	1,000 cy	
	X	D6938	Field Density Measurement	Minimum of 95% of max dry density for D698. Minimum of 92% of max dry density for D1557.	2 per day or 1 per every 250 cy placed, whichever greater	
	X	D6938	Field Moisture Content	Minimum at optimum. Usually moisture content between optimum and +2 of optimum.	Whenever field density is taken	
	X	D6938	Nuclear Gauge Standard Count	Verify nuclear gauge readings/stability.	Prior to use of each gauge, each day onsite	Form 241
	X	D2216	Lab Moisture Content	Verify nuclear gauge readings	Every 20 ASTM D6938 tests	Form 240

1. Design Engineer shall increase USIBWC minimum requirements and frequency as required for their project. Requirements can not be reduced.
2. Method B shall be used on all Proctors (D698 and D1557). Use of ASTM D698 or ASTM D1557 shall be determined by Design Engineer.
3. Grain Size Analysis shall use sieves sized 2 inch, 1 inch, 3/8 inch, 4, 10, 20, 40, 60, 140 and 200 at a minimum. Includes hydrometer testing of material below 200 sieve.
4. Clay used shall not be blended with any other material if it meets these requirements.
5. Minimum frequency assumes a large project. Small projects shall increase frequency appropriately.
6. The most recent version of ASTM standards shall be used.
7. Forms are available at www.ibwc.gov/Organization/Engineering/construction.html.

REVIEWED and REVISED ORIGINAL PROPOSAL



from Hidalgo Independent School District
to B2Z ENGINEERING, 900 S Stewart Rd Suite 4, ...

18 min (9.5 miles)
via S Ware Rd and W Frontage Rd E

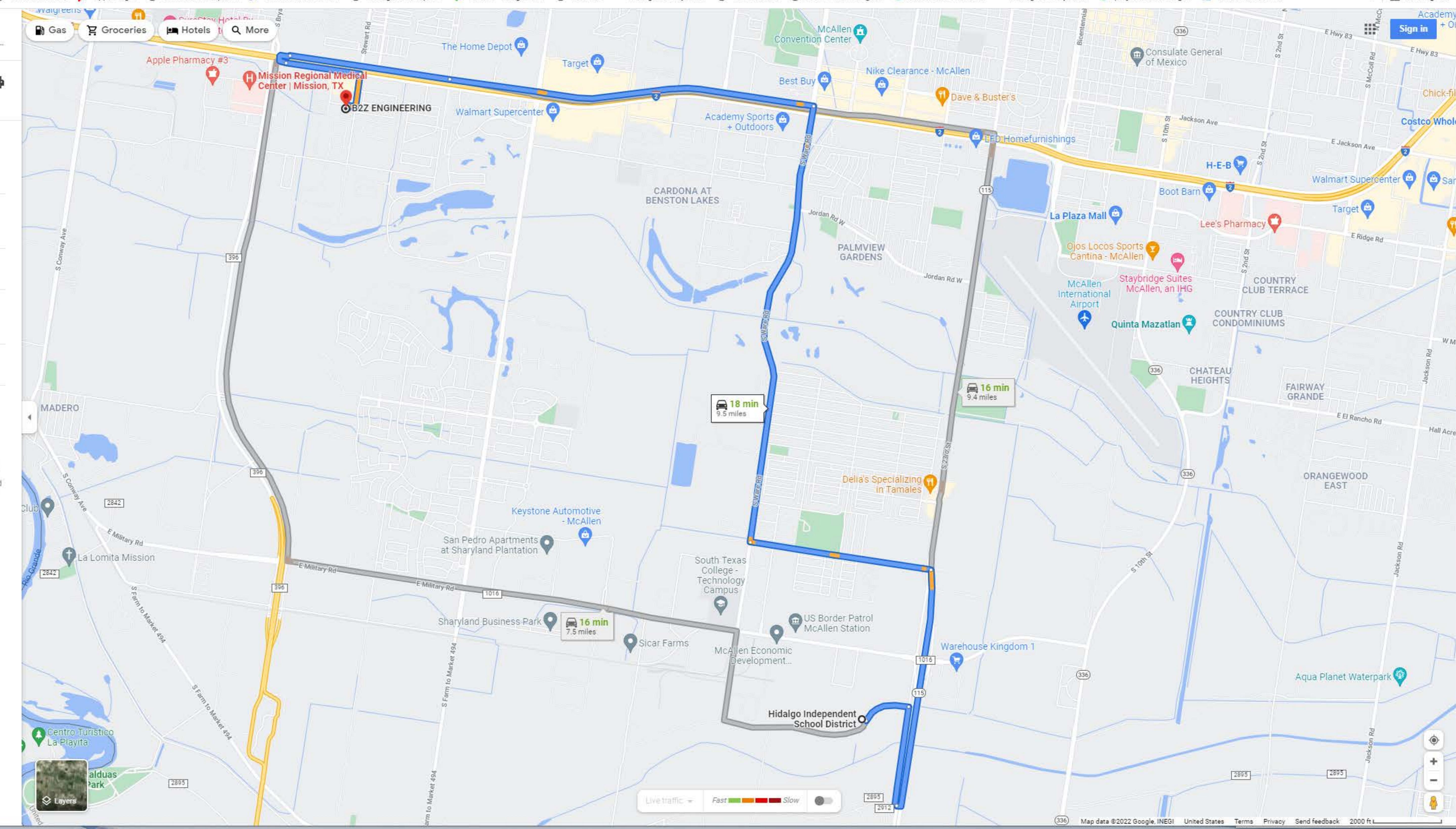
Hidalgo Independent School District

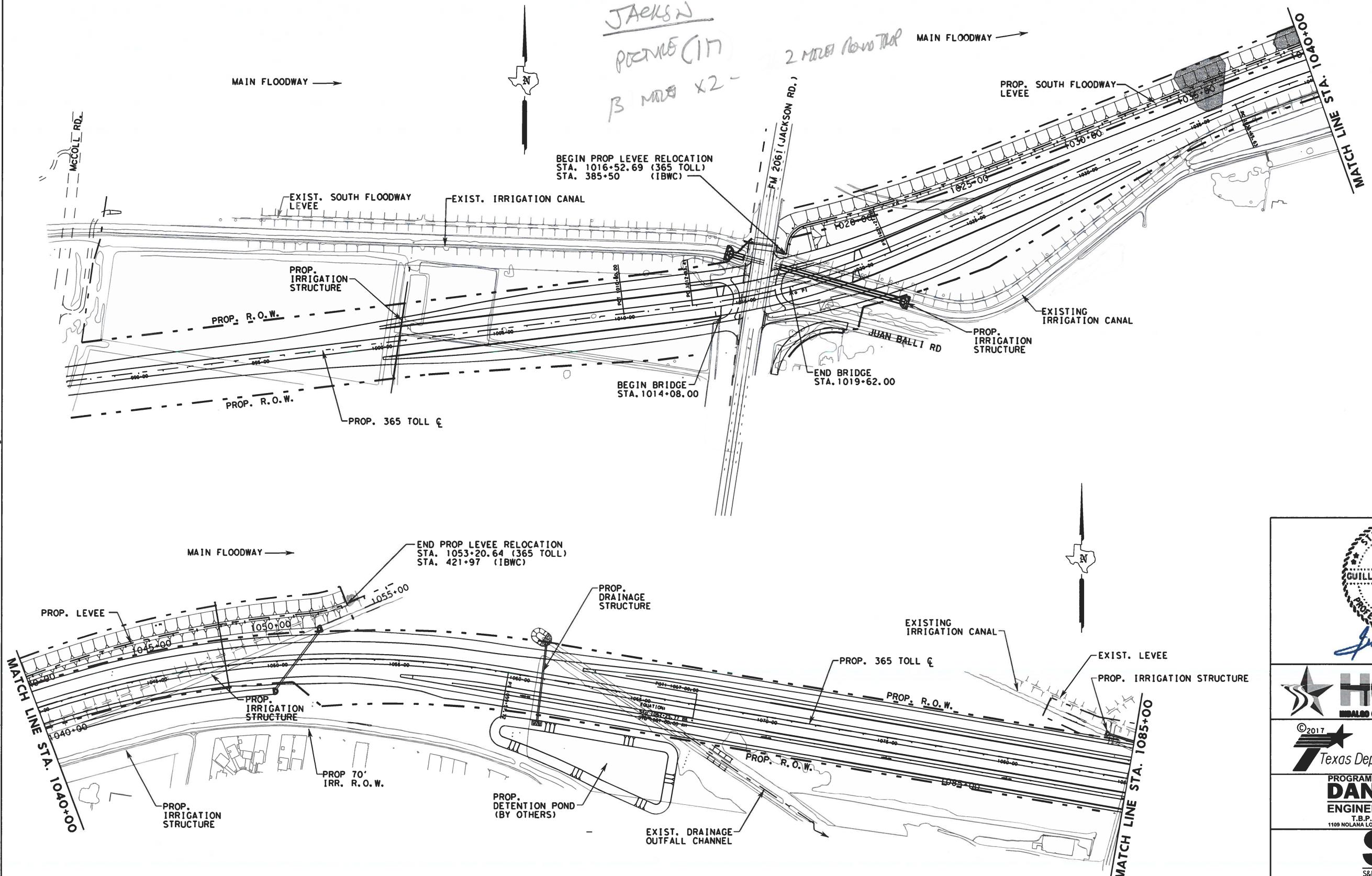
- > Continue to McAllen
3 min (0.8 mi)
- ← Turn left onto TX-115 Spur N/S 23rd St/S Depot Rd
2 min (1.4 mi)
- ← Turn left onto Sarah Ave
3 min (1.0 mi)
- > Follow S Ware Rd and W Frontage Rd E to S Stewart Rd in Mission
11 min (6.0 mi)
- > Continue on S Stewart Rd to your destination
1 min (0.2 mi)

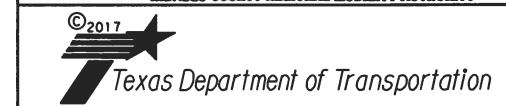
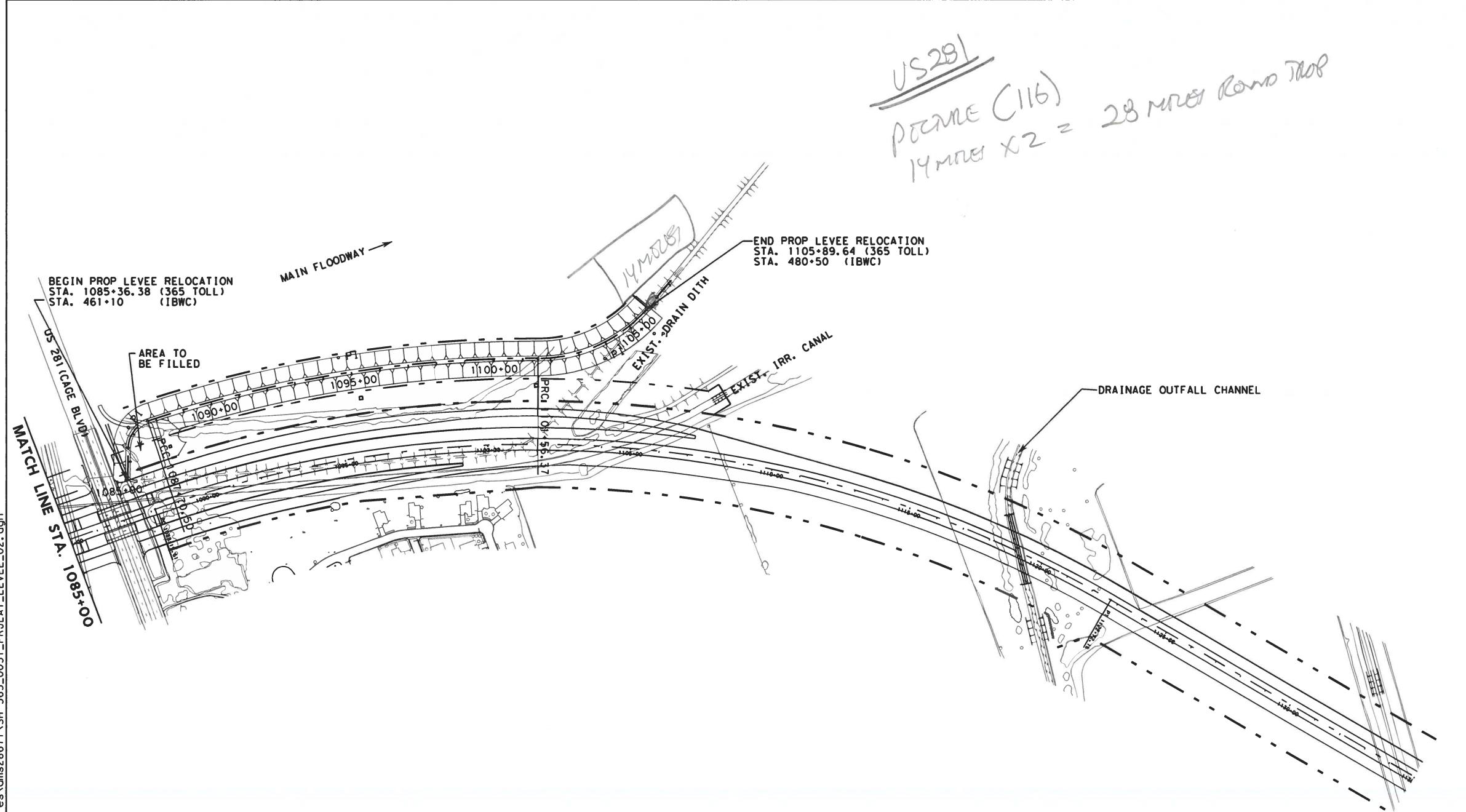
B2Z ENGINEERING

900 S Stewart Rd Suite 4, Mission, TX 78572

These directions are for planning purposes only. You may find that construction projects, traffic, weather, or other events may cause conditions to differ from the map results, and you should plan your route accordingly. You must obey all signs or notices regarding your route.







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DANNENBAUM
PROGRAM MANAGEMENT CONSULTANT
ENGINEERING CORPORATION
T.B.P.E. FIRM REGISTRATION #392
1109 NOLANA LOOP, STE 208 MCALLEN, TX 78504 (956) 682-3677

S&B
S&B INFRASTRUCTURE, LTD.
TEXAS BOARD OF PROFESSIONAL ENGINEERS # F-1582

**365 TOLL
PROJECT LAYOUT
LEVEE RELOCATION
MAIN FLOODWAY-SOUTH LEVEE**

SCALE:
HOR: 1" = 400'

SHEET 3 OF 3

DN	CONT	SECT	JOB	HIGHWAY
CK DN	0921	02	368	365 TOLL
DN				
CK DN				
TR				
CK TR				
PHR			COUNTY	SHEET NO.
			HIDALGO	680

SUMMARY OF LEVEE ITEMS															
ITEM NO.	100-6002	164-6036	166-6002	247-6223	260-6006	260-6043	432-6001	432-6045	464-6003	467-6363	506-6020	506-6024	506-6038	506-6039	
STATION LIMITS		PREPARING ROW	DRILL SEEDING (PERM) (RURAL) (CLAY)	FERTILIZER	FL DS (RDY DEL) (TY E GR 4) (FINAL POS)	LIME TRT (EXIST MATL) (6")	LIME (HYD, COM OR OK) (SLURRY)	RIPRAP (CONC) (4 IN)	RIPRAP (MOW STRIP) (4 IN)	RC PIPE (CL) (11) (18 IN) (P)	SET (TY 1) (18 IN) (RCP)	CONSTRUCTION (INSTALL) (TY 1)	CONSTRUCTION (REMOVE)	TEMP SEDIT (INSTLL)	TEMP SEDIT (CONT FENCE) (REMOVE)
STA	STA	STA	AC	TON	CY	SY	TON	CY	LF	EA	SY	SY	LF	LF	LF
STA	STA	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
WEST OF SP 115 (23RD ST) - NORTH LEVEE															
799-24.00	TO	806-00.00	6.76			200.00	1143.00	50.00							
806-00.00	TO	816-00.00	10.00			297.00	15222.00	74.00							
816-00.00	TO	826-00.00	10.00			297.00	15222.00	74.00							
826-00.00	TO	836-00.00	10.00			297.00	15222.00	74.00							
836-00.00	TO	843-00.00	7.00			208.00	10655.00	52.00							
843-00.00	TO	853-00.00	10.00			297.00	15222.00	52.00	966.00		136.00	4.00			
853-00.00	TO	858-05.00	5.05			150.00	7687.00	37.00							
872-74.00	TO	878-99.27	6.25			185.00	5147.00	25.00							
WEST OF SP 115 (23RD ST) TOTAL				65.06	0.00	0.00	1931.00	85520.00	438.00	966.00	0.00	136.00	4.00	0.00	0.00
WEST OF SP 115 (23RD ST) - SOUTH LEVEE															
872-39.00	TO	880-17.21	7.78			1008.00	20871.00	100.00	273.00						
PAHLIK ACCESS ROAD															
CROSS ROAD AT LEVEE AT STA. 834-67.77						88.00		2.97							
834-03.00	TO	839-00.00				208.00		7.02							
839-00.00	TO	846-26.00				212.00		7.16							
PAHLIK ACCESS ROAD TOTAL				0.00	0.00	0.00	508.00	0.00	17.15	0.00	0.00	0.00	0.00	0.00	0.00
EAST OF FM 2061 (JACKSON ROAD) - SOUTH LEVEE															
1016-52.69	TO	1019-00.00	2.5	0.28	0.01	73.00	2894.00	14.00		3.75			156	156	495.00
1019-00.00	TO	1029-00.00	10.0	2.71	0.14	296.00	14155.00	70.00		24.50					2,000.00
1029-00.00	TO	1039-00.00	10.0	2.24	0.11	296.00	11900.00	59.00		24.50					2,000
1039-00.00	TO	1049-00.00	10.0	2.15	0.11	296.00	11551.00	57.00		24.20					2,000
1049-00.00	TO	1053-20.00	4.2	0.34	0.02	124.00	1813.00	9.00		8.48					840
EAST OF FM 2061 (JACKSON ROAD) TOTAL				36.70	7.72	0.39	1085.00	42313.00	209.00	0.00	85.43	0.00	0.00	156.00	7335.00
EAST OF US 281 (CAGE BLVD) - SOUTH LEVEE															
1088-36.38	TO	1088-00.00	2.4	0.19	0.01	78.00	1085.00	5.00		2.60			156	156	482
1088-00.00	TO	1087-00.00	9.0	1.80	0.09	267.00	9820.00	49.00		21.20					1,800
1087-00.00	TO	1085-90.00	9.2	1.00	0.00	264.00	8180.00	40.00		16.68					1,832
EAST OF US 281 (CAGE BLVD) TOTAL				20.60	2.99	0.10	609.00	19085.00	94.00	0.00	40.48	0.00	0.00	156.00	4114.00
PROJECT TOTAL				130.1	10.7	0.5	5,141.0	167,789.0	858.1	1,239.0	125.9	136.0	4.0	312.0	11,449.0
* NON-PAY - CLAY LINER TO BE SUBSIDIARY TO THIS ITEM															
* * NON-PAY - FERTILIZER TO BE SUBSIDIARY TO ITEM 165															

200CY/10M 247-6225
N. 23rd 1921C1 20M05
S. 23rd 10084 20M05
ACES RD 5084 3447C4 20M05
1085CY 28M05 100M5
1085CY 10M05

2 TRIPS X 20 = 40M
120M5 = 12 x 28 = 336M05
376x86 - 142256

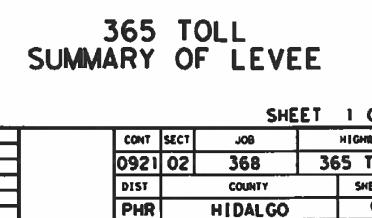


EXHIBIT D
ESTIMATED MAN-HOURS AND TEST BREAKDOWN

W0#1
ORGANIC

Hidalgo County RMA 365 Tollway
Construction Materials Testing

Embankment (Test All Fill Material Including Cut From Job) (ITEM 132)

- Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.
- Field density testing of soils and base materials to ensure proposer compaction as required by project plans and specifications.

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Liquid Limit	Tex-104-E	PI>15 ~ Every 5,000 CY	included with PI	Each			
Plasticity Index	Tex-106-E	PI>15 ~ Every 5,000 CY		Each	127	\$75.00	\$9,525.00
Gradation	Tex-110-E	Every 10,000 CY		Each	64	\$68.00	\$4,352.00
Moisture/Density	Tex-114-E	One per Each Material		Each	5	\$215.00	\$1,075.00
In-Place Density	Tex-115-E	Every 5,000 CY or 6,000 Linear Feet (Min. 1 per Lift)		Each	127	\$50.00	\$6,350.00
Tech Time (Soils)			PI,Gr,MD & FD	Hour	822	\$68.02	\$55,912.44
# of Trips (Tech)			106 Trips (40 Miles RT)	Mile		600	
**Admin/Clerical				Hour	244	\$61.95	\$15,115.80
						Item Subtotal	\$92,330.24

Lime (ITEM 260)

- Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Compliance of Lime (DMS 6350)	Tex-600-J	1 per 200 Tons		Each	5	\$300.00	\$1,500.00
						Item Subtotal	\$1,500.00

Existing Material (Lime Treated) (ITEM 260)

- Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.
- Field density testing of soils and base materials to ensure proposer compaction as required by project plans and specifications.

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Pulverization Gradation	Tex-101-E (Part III)	Each 4,500 CY	Inc. to 5 - 1 per Leg (Job)	Each	7	\$53.00	\$371.00
Liquid Limit	Tex-104-E		included with PI	Each		\$0.00	\$0.00
Plasticity Index	Tex-106-E	Each 5,000 CY	Inc. to 5 - 1 per Leg (Job)	Each	6	\$75.00	\$450.00
Gradation	Tex-110-E	Each 5,000 CY	Inc. to 5 - 1 per Leg (Job)	Each	6	\$68.00	\$408.00
Moisture/Density	Tex-114-E	One per Each Material		Each	2	\$215.00	\$430.00
In-Place Density	Tex-115-E	Every 3,000 CY		Each	10	\$50.00	\$500.00
Tech Time (Soils)			PI,Gr,MD & FD	Hour	65	\$68.02	\$4,421.30
# of Trips (Tech)			15 Trips (40 Miles RT)	Mile		600	
**Admin/Clerical				Hour	14	\$61.95	\$867.30
						Item Subtotal	\$7,447.60

Flexible Base (Untreated - Stockpile Testing) (ITEM 247)

- Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Liquid Limit	Tex-104-E		included with PI	Each		\$0.00	\$0.00
Plasticity Index	Tex-106-E	Each 5,000 CY		Each	2	\$75.00	\$150.00
Gradation	Tex-110-E	Each 5,000 CY		Each	2	\$68.00	\$136.00

Moisture/Density	Tex-113-E	Every 20,000 CY		Each	1	\$240.00	\$240.00
In-Place Density	Tex-115-E	Every 3,000 CY	Inc. to 10 - 2 per Leg (Job)	Each	10	\$50.00	\$500.00
Wet Ball Mill	Tex-116-E	Every 20,000 CY		Each	1	\$230.00	\$230.00
Triaxial	Tex-117-E	Every 20,000 CY		Each	1	\$1,800.00	\$1,800.00
Tech Time (Soils)			PI, MD & WB/Triax.	Hour	23	\$68.02	\$1,564.46
# of Trips (Tech)			10 Trip (40 Miles RT)	Mile		7	
**Admin/Clerical				Hour	10	\$61.95	\$619.50
Item Subtotal							\$5,239.96

Hydraulic Cement Concrete Gatewell Structure & Foundation (Class C)

- Field sampling and testing of fresh concrete and laboratory testing of hardened concrete to determine compliance with project plans and specifications.
- Concrete batching as well as the asphalt testing at the plants to insure delivery of acceptable material to the job site (as required).

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Coarse Aggr.			QA Test. (QC by Source)				
Decantation	Tex-406-A	Each 20,000 CY(or source)		Each	1	\$54.00	\$54.00
Sieve Analysis	Tex-401-A	Each 1,000 CY (ea source)	5 Sieve	Each	1	\$73.58	\$73.58
Deleterious Matl.	Tex-413-A	Each 20,000 CY(or source)		Each	1	\$60.00	\$60.00
Fine Aggr.			QA Test. (QC by Source)				
Sand Equivalent	Tex-203-F	Each 1,000 CY(ea source)		Each	1	\$78.00	\$78.00
Organic Imp.	Tex-408-A	One Per Project Per Source		Each	1	\$52.00	\$52.00
Sieve Analysis	Tex-401-A	Each 1,000 CY(ea source)		Each	1	\$73.58	\$73.58
Fineness Mod.	Tex-402-A	Each 1,000 CY(ea source)		Each	1	\$18.00	\$18.00
Deleterious Matl.	Tex-413-A	Each 20,000 CY(or source)		Each	1	\$60.00	\$60.00
Concrete							
*Strength	Tex-447-A & Tex-418-A	Each 60 CY(1 Sets = 5 Cyl.)		Each	40	\$29.00	\$1,160.00
Slump	Tex-415-A	One per Set		Each	8	\$23.00	\$184.00
Entrained Air	Tex-416-A	One per Set		Each	8	\$26.28	\$210.24
Temperature	Tex-422-A	One per Set		Each	8	\$20.00	\$160.00
Tech Time (Aggr)				Hour	16	\$68.02	\$1,088.32
Tech Time (Conc)				Hour	47	\$68.02	\$3,196.94
# of Trips (Tech)			22 Trips (40 Miles RT)	Mile		7	
**Admin/Clerical				Hour	17	\$61.95	\$1,053.15
Item Subtotal							\$7,521.81

Hydraulic Cement Concrete Misc. - Riprap (Class A)

- Field sampling and testing of fresh concrete and laboratory testing of hardened concrete to determine compliance with project plans and specifications.
- Concrete batching as well as the asphalt testing at the plants to insure delivery of acceptable material to the job site (as required).

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Concrete							
*Strength	Tex-447-A & Tex-418-A	Each 180 CY(1 Set = 2 Cyl.)	Adjust Per Str & Placement	Each	24	\$29.00	\$696.00
							\$0.00
Tech Time (Conc)				Hour	66	\$68.02	\$4,489.32
# of Trips (Tech)			18 Trips (40 Miles RT)	Mile		7	
**Admin/Clerical				Hour	34	\$61.95	\$2,106.30
Item Subtotal							\$7,291.62

Batching for Hydraulic Cement Concrete (Class C) & Asphalt Concrete Pavement (ACP) - Inspection of Batching at Plant (1 Tech per Plant, Reports)

- Field sampling and testing of fresh concrete and laboratory testing of hardened concrete to determine compliance with project plans and specifications.
- Concrete batching as well as the asphalt testing at the plants to insure delivery of acceptable material to the job site (as required).

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Concrete							
Tech Time (Conc)				Hour	24	\$68.02	\$1,632.48

# of Trips (Tech)				8 Trip (40 Miles RT)	Mile			
**Admin/Clerical					Hour	12	\$61.95	\$743.40
							Item Subtotal	\$2,375.88

- * Concrete Strength testing includes strength testing of cylinder specimens (breaks) as well as preparation, holding and curing of strength specimen costs
- ~ 1 Set is defined as 2 Cylinders (7-day or 28-day)
- ~ All Structural Concrete requires a minimum 2 Sets per Test Location (5 Cyl.)
- ** Project Administrative Fee is assessed on a per invoice basis and involves engineering review, evaluation, management and administration

Summary

Sub-Total (CMT Items) =	\$123,707.11
Engineering Lab Manager (112 hrs x 94.71 Hr.)	\$10,607.52
Project Engineer (QA/QC of CMT) (56 hrs x 133.98 Hr.)	\$7,502.88
Total :	\$141,817.51
Contingency (Estimated at 10%)	\$14,181.75
Construction Materials Testing Total	\$155,999

EXHIBIT D
ESTIMATED MAN-HOURS AND TEST BREAKDOWN

Hidalgo County RMA SH 365 Toll
Construction Materials Testing

Embankment (Test All Fill Material Including Cut From Job) (ITEM 132)

• Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.
• Field density testing of soils and base materials to ensure proposer compaction as required by project plans and specifications.

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Liquid Limit	Tex-104-E	Every 1,000 CY	included with PI	Each			
Plasticity Index	Tex-106-E	Every 1,000 CY		Each	600	\$75.00	\$45,000.00
USCS	ASTM D2487		included with PI				
Gradation	Tex-110-E	Every 1,000 CY		Each	600	\$68.00	\$40,800.00
Moisture/Density	Tex-114-E	One per 2,000 CY		Each	300	\$215.00	\$64,500.00
In-Place Density	Tex-115-E	Every 250 CY		Each	2,400	\$50.00	\$120,000.00
Crumb	ASTM D6572	Every 1,000 CY		Each	600	\$60.00	\$36,000.00
Pinhole	ASTM D4647	Every 1,000 CY		Each	600	\$400.00	\$240,000.00
Double Hydrometer	ASTM D4221	Every 1,000 CY		Each	600	\$315.00	\$189,000.00
Lab Moisture Content	ASMT D2216	Every 20 Density Test		Each	120	\$13.00	\$1,560.00
Tech Time (Soils)			PI,Gr,MD & FD	Hour	9,700	\$68.02	\$659,794.00
# of Trips (Tech)			4,400 Trips (40 Miles RT)	Mile	56,000	\$6.00	\$336,000.00
**Admin/Clerical			600 Trips	Hour	565	\$61.95	\$35,001.75
Item Subtotal							\$1,767,655.75

Lime (ITEM 260)

• Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Compliance of Lime (DMS 6350)	Tex-600-J	1 per 200 Tons		Each	5	\$300.00	\$1,500.00
Item Subtotal							\$1,500.00

Existing Material (Lime Treated) (ITEM 260)

• Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.
• Field density testing of soils and base materials to ensure proposer compaction as required by project plans and specifications.

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Pulverization Gradation	Tex-101-E (Part III)	Each 4,500 CY	Inc. to 5 - 1 per Leg (Job)	Each	7	\$53.00	\$371.00
Liquid Limit	Tex-104-E		included with PI	Each		\$0.00	\$0.00
Plasticity Index	Tex-106-E	Each 5,000 CY	Inc. to 5 - 1 per Leg (Job)	Each	6	\$75.00	\$450.00
Gradation	Tex-110-E	Each 5,000 CY	Inc. to 5 - 1 per Leg (Job)	Each	6	\$68.00	\$408.00
Moisture/Density	Tex-114-E	One per Each Material		Each	2	\$215.00	\$430.00
In-Place Density	Tex-115-E	Every 3,000 CY		Each	10	\$50.00	\$500.00
Tech Time (Soils)			PI,Gr,MD & FD	Hour	65	\$68.02	\$4,421.30
# of Trips (Tech)			15 Trips (40 Miles RT)	Mile	316 - 600	\$6.00	\$3,600.00
**Admin/Clerical				Hour	14	\$61.95	\$867.30
Item Subtotal							\$11,047.60

Flexible Base (Untreated - Stockpile Testing) (ITEM 247)

• Sampling and laboratory testing of soils and base materials proposed for use in the construction of Project (Roads/Bridges/Misc.) to determine compliance of these materials with project plans and specifications.

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Liquid Limit	Tex-104-E		included with PI	Each		\$0.00	\$0.00
Plasticity Index	Tex-106-E	Each 5,000 CY		Each	2	\$75.00	\$150.00
Gradation	Tex-110-E	Each 5,000 CY		Each	2	\$68.00	\$136.00
Moisture/Density	Tex-113-E	Every 20,000 CY		Each	1	\$240.00	\$240.00
In-Place Density	Tex-115-E	Every 3,000 CY	Inc. to 10 - 2 per Leg (Job)	Each	10	\$50.00	\$500.00
Wet Ball Mill	Tex-116-E	Every 20,000 CY		Each	1	\$230.00	\$230.00
Triaxial	Tex-117-E	Every 20,000 CY		Each	1	\$1,800.00	\$1,800.00
Tech Time (Soils)			PI, MD & WB/Triax.	Hour	23	\$68.02	\$1,564.46
# of Trips (Tech)			14 Trips (40 Miles RT)	Mile	316 - 400	\$6.00	\$2,400.00
**Admin/Clerical				Hour	10	\$61.95	\$619.50
Item Subtotal							\$7,639.96

WOF
Suppedit

ISWC 21 SPECS

Cut	Fill
30890 CY	600908 CY
7	120
4	64
	127
	1,200.00
	1,200.00
	1,200.00
	6,100.00
	9,700.00
	2.5 Mile Section of Job = Test At Least Every 1/4 Mile or 2 per Leg (Inc. to 10)
	2hrs*600=1,200 hrs
	2hrs*600=1,200 hrs
	2hrs*600=1,200 hrs
	(5hrs*600-PI/Grad)+(5hrs*300-MD)+(2400/3=800*2hrs)=3,000+1,500+1,600=6,100 hrs
	300 trips (PI/Grad/MD) +300 (Pin, Crumb, Double Hydrometer) + 800 trips (FD (assume 3 Dens per trip)= 1,400
	(1,400rpts*25)=\$35,000/61.95=565

\$1,767,655.75

Slurry Lime

\$1,500.00

Lime Trt Subgrade

167789 SY 6" Thick
27965 CY

27965/3000 1 - Inc. to 10 (2 per Leg)
(5x5-PI/Grad)+(5x1-MD)+(3x10-FD) 25+5+30=60+5hrs mileage = 65hrs
5 trips (PI/Grad/MD/PulvGrad) + 10 trips (FD (assume 1 Dens per trip)
10rpts*25=\$250/61.95-4hrs +10= 14hrs

\$11,047.60

Flexible Base (CY)

5141 CY

(5x2-PI/Grad)+(5x1-MD)+(5x1-Wet Ball/Triaxial) 3hs 10+5+5=20
Assume 10 trip
3*25=175/61.95=3+7= 10hrs /

\$7,639.96

225

7495.96

Hydraulic Cement Concrete Gatewell Structure & Foundation (Class C)

- Field sampling and testing of fresh concrete and laboratory testing of hardened concrete to determine compliance with project plans and specifications.
- Concrete batching as well as the asphalt testing at the plants to insure delivery of acceptable material to the job site (as required).

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Coarse Aggr.			QA Test. (QC by Source)				
Decantation	Tex-406-A	Each 20,000 CY (or source)		Each	1	\$54.00	\$54.00
Sieve Analysis	Tex-401-A	Each 1,000 CY (ea source)	5 Sieve	Each	1	\$73.58	\$73.58
Deleterious Matl.	Tex-413-A	Each 20,000 CY (or source)		Each	1	\$60.00	\$60.00
Fine Aggr.			QA Test. (QC by Source)				
Sand Equivalent	Tex-203-F	Each 1,000 CY (ea source)		Each	1	\$78.00	\$78.00
Organic Imp.	Tex-408-A	One Per Project Per Source		Each	1	\$52.00	\$52.00
Sieve Analysis	Tex-401-A	Each 1,000 CY (ea source)		Each	1	\$73.58	\$73.58
Fineness Mod.	Tex-402-A	Each 1,000 CY (ea source)		Each	1	\$18.00	\$18.00
Deleterious Matl.	Tex-413-A	Each 20,000 CY (or source)		Each	1	\$60.00	\$60.00
Concrete							
*Strength	Tex-447-A & Tex-418-A	Each 60 CY (1 Sets = 5 Cyl.)		Each	40	\$29.00	\$1,160.00
Slump	Tex-415-A	One per Set		Each	8	\$23.00	\$184.00
Entrained Air	Tex-416-A	One per Set		Each	8	\$26.28	\$210.24
Temperature	Tex-422-A	One per Set		Each	8	\$20.00	\$160.00
Tech Time (Aggr)				Hour	16	\$68.02	\$1,088.32
Tech Time (Conc)				Hour	47	\$68.02	\$3,196.94
# of Trips (Tech)			22 Trips (40 Miles RT)	Mile	880	\$6.000	\$5,280.00
**Admin/Clerical				Hour	17	\$61.95	\$1,053.15
						Item Subtotal	\$12,801.81

Concrete (Cl C)
Approx 66 CY (2 - Each Gatewell)
Sta. 836+00 and Sta. 843+00
To be casted in 4 placements (Floor, Bottom, Top wall and platform)

Hours of Coarse/Fine Aggr Sampling (2 Day ~ 8 hrs each)
8 Days at 5 Hours Per Day (incl cyl pick-up)
8 Day + 18 Day (Cyl Pick-up) = 16

7hrs mileage +40hrs = 47 hrs.

12*25=\$300/61.95=5 hrs+12hr=17hrs.
\$12,801.81

Hydraulic Cement Concrete Misc. - Riprap (Class A)

- Field sampling and testing of fresh concrete and laboratory testing of hardened concrete to determine compliance with project plans and specifications.
- Concrete batching as well as the asphalt testing at the plants to insure delivery of acceptable material to the job site (as required).

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Concrete							
*Strength	Tex-447-A & Tex-418-A	Each 180 CY (1 Set = 2 Cyl.)	Adjust Per Str & Placement	Each	24	\$29.00	\$696.00
							\$0.00
Tech Time (Conc)				Hour	66	\$68.02	\$4,489.32
# of Trips (Tech)			18 Trips (40 Miles RT)	Mile	720	\$6.000	\$4,320.00
**Admin/Clerical				Hour	34	\$61.95	\$2,106.30
						Item Subtotal	\$11,611.62

Class A - Curb/Riprap

Sets	Increase
Riprap (4")	1084 CY
6	6
2 Locations	
12 Days at 5 Hours Per Day (incl cyl pick-up) 60+6 mileage = 66 hrs.	
12 Days + 6 Days	
24rpts*25=\$600/61.95=10hrs+24=34hrs	
\$11,611.62	

Batching for Hydraulic Cement Concrete (Class C) & Asphalt Concrete Pavement (ACP) - Inspection of Batching at Plant (1 Tech per Plant, Reports)

- Field sampling and testing of fresh concrete and laboratory testing of hardened concrete to determine compliance with project plans and specifications.
- Concrete batching as well as the asphalt testing at the plants to insure delivery of acceptable material to the job site (as required).

	TxDOT Test	TxDOT Guide Specs	Additional Assumptions	Unit	Qty.	Contract Rate	Total
Concrete							
Tech Time (Conc)				Hour	24	\$68.02	\$1,632.48
# of Trips (Tech)			8 Trip (40 Miles RT)	Mile	320	\$6.000	
				Hour	12	\$61.95	\$743.40
**Admin/Clerical						Item Subtotal	\$2,375.88

Concrete	# of Days	Hrs/Day	Total
Class A	0	4	0
Class C	8	2	16
	8		16

Change based on small Contract

Change based on small Contract

1840/68.02=27hrs +16= 43hrs
8*25=\$200/61.95=3+8= 12
\$2,375.88

- * Concrete Strength testing includes strength testing of cylinder specimens (breaks) as well as preparation, holding and curing of strength specimen costs
- ~ 1 Set is defined as 2 Cylinders (7-day or 28-day)
- ~ All Structural Concrete requires a minimum 2 Sets per Test Location (5 Cyl.)

- ** Project Administrative Fee is assessed on a per invoice basis and involves engineering review, evaluation, management and administration

Summary	
Sub-Total (CMT Items) =	\$1,814,632.62
Engineering Lab Manager (500 hrs x 94.71 Hr.)	\$47,355.00
Project Engineer (QA/QC of CMT) (250hrs x 133.98 Hr.)	\$33,495.00
Total :	\$1,895,482.62
Contingency (Estimated at 10%)	\$189,548.26
Construction Materials Testing Total	\$2,085,030.88

652
326
163

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Item 3F

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS
PLANNING COMMITTEE
FINANCE COMMITTEE
TECHNICAL COMMITTEE

X

AGENDA ITEM
DATE SUBMITTED
MEETING DATE

3F
02/13/2022
02/22/2022

1. Agenda Item: RESOLUTION 2022-14 – CONSIDERATION AND APPROVAL OF WORK AUTHORIZATION NUMBER 2 WITH B2Z ENGINEERING FOR MATERIAL TESTING SERVICES ON THE PROPOSED WETLAND MITIGATION FOR THE 365 TOLLWAY PROJECT
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Approval of WA 2 for CMT Services with B2Z Engineering, LLC.
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 2022-14 – Approval of Work Authorization Number 2 with B2Z Engineering for Material Testing Services on the Proposed Wetland Mitigation for the 365 Tollway Project, as presented.
6. Program Manager's Recommendation: X Approved Disapproved None
7. Planning Committee's Recommendation: Approved Disapproved X None
8. Board Attorney's Recommendation: Approved Disapproved X None
9. Chief Auditor's Recommendation: Approved Disapproved X None
10. Chief Financial Officer's Recommendation: Approved Disapproved X None
11. 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



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

From: Ramon Navarro, IV, P.E., C.F.M. HCRMA, Chief Construction Engineer

Date: February 13, 2022

Subject: **RESOLUTION 2022-14 – CONSIDERATION AND APPROVAL OF WORK AUTHORIZATION NUMBER 2 WITH B2Z ENGINEERING FOR MATERIAL TESTING SERVICES ON THE PROPOSED WETLAND MITIGATION FOR THE 365 TOLLWAY PROJECT**

GOAL

Approval and authorization to enter Work Authorization#2 for Construction Material Testing Services with B2Z Engineering, LLC.

BASIS

B2Z Engineering, LLC. have agreed to provide construction materials testing to collect, test, analyze and report existing geotechnical properties for the proposed parameters of the wetland mitigation project. As per Corp permit requirements, HCRMA must commence construction on project and directly impacts 365Toll schedule.

Attached, please find reviewed and amended final proposals [\$76,771.98 vs \$77,376.78].

RECOMMENDATION

Staff recommends award of contract in the amount of \$76,771.98 with B2Z Engineering for material testing services on the proposed wetland mitigation site.



- Environmental
- Engineering
- Geo-Technical
- Surveying

WORK AUTHORIZATION SUMMARY

Resolution 2022-14

Work Authorization # 2 Supplemental # _____

Amount \$ 76,771.98

Approved Work Authorizations:

Resolution No.	Description	Amount
WA No. 1	2022 - 13	\$1,869,890.68
WA No.		
WA No.		
WA No.		

Subtotal from Cont. Page	<u>\$ 0.00</u>
Total Approved WA	\$1,869,890.68

Proposed Work Authorization and/or Supplemental	
2022-14	\$76,771.98

Goal and Options:

Approval of WA 2 for Construction Material Testing for Wetland Mitigation Site on the 365 Tollway Project.

Staff is recommending approval of this request in the amount of \$ 76,771.98
Proposed total approved WA and/or Supplementals \$1,946,662.66

R. Navarro IV, Cons Eng
Requested By:

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2022-14

**CONSIDERATION AND APPROVAL OF WORK AUTHORIZATION NUMBER 2 WITH
B2Z ENGINEERING FOR MATERIAL TESTING SERVICES ON THE PROPOSED
WETLAND MITIGATION FOR THE 365 TOLLWAY PROJECT**

THIS RESOLUTION is adopted this 22nd day of February, 2022, by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”);

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 19, 2014, the Authority issued a solicitation for Statements of Qualification for Construction Material Testing Services for the Authority (the “Solicitation”); and

WHEREAS, on March 21, 2014 the Authority received responses to the Solicitation; and

WHEREAS, on April 23, 2014, Resolution 2014-38 authorized Authority staff to negotiate and enter into agreements with the top three scored firms (Raba Kistner Consultants Inc., L&G Laboratories and Terracon Consultants, Inc.) for Construction Material Testing Services (the “Services”); and

WHEREAS, on July 24, 2018, Resolution 2018-45 authorized Authority staff to procure one additional lab to provide additional Services; and

WHEREAS, on July 29, 2018, the Authority published a second Solicitation; and received three (3) responses, of which only one was deemed responsive;

WHEREAS, on September 25, 2018, the Authority authorized staff to negotiate contract terms for the Services to PaveTex Engineering LLC, dba PAVETEX, the sole responsive firm that met the professional services criteria set forth in the Solicitation;

WHEREAS, on August 21, 2020, the Authority received five (5) sealed statements of qualification packets. An internal committee of three HCRMA staff engineers ranked and reviewed; the Authority determined it necessary to negotiate contract terms to enter into negotiations with each of the ranked firms and further approach Board with recommended award and distribution of work in accordance to acceptable terms and conditions of assignments; and

WHEREAS on October 27, 2020, the Authority approved Resolution 2020-28 Approval to enter into negotiations with each of the short-listed firms for Construction Material Testing for the Hidalgo County Regional Mobility Authority and further approach Board with recommended award and distribution of work in accordance to acceptable terms and conditions of assignments; and

WHEREAS on September 28, 2021 the Authority approved Resolution 2021-42 Approval of Award of Contract by and between the B2Z Engineering, LLC, and the Hidalgo County Regional Mobility Authority for Construction Material Testing Services; and Resolution 2021-43 Work Authorization 1 to the Professional Service Agreement with B2Z Engineering, LLC, for Construction Material Testing in the 365 Tollway Project in the amount of \$201,143.26.

WHEREAS on February 22, 2022 the Authority approved Resolution 2022-13 Supplemental Work Authorization #1 to Work Authorization #1 for Construction Material Testing Services to B2Z Engineering for implementation of the new IBWC Testing Requirements in the amount of \$1,869,890.68 and

WHEREAS the Authority considers and approves Resolution 2022-14 Work Authorization #2 for Construction Material Testing Services to B2Z Engineering, LLC. for providing construction materials testing to collect, test, analyze and report existing geotechnical properties for the proposed parameters of the wetland mitigation project in the amount of \$76,771.98.

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 2 to provide construction materials testing to collect, test, analyze and report existing geotechnical properties for the proposed parameters of the wetland mitigation project in the amount of \$76,771.98. hereto attached as Exhibit A.
- Section 3. The Board authorizes the Executive Director to execute Work Authorization 2 with B2Z Engineering, LLC, as approved by the Board.

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 22nd day of February 2022, at which meeting a quorum was present.

S. David Deanda, Jr., Chairman

Ezequiel Reyna, Jr., Secretary/Treasurer

Exhibit A

Work Authorization 2
to the
Professional Service
Agreement with
B2Z Engineering, LLC,
For
Construction Material Testing Services

**WORK AUTHORIZATION NO. 2
AGREEMENT FOR ENGINEERING SERVICES**

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of "Article V of that certain Professional Services Agreement for Engineering Services" (the Agreement) entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and B2Z Engineering, LLC. (the Engineer).

PART I. The Engineer will perform engineering design services generally described as in accordance with the project description attached hereto and made a part of this Work Authorization. The responsibilities of the Authority and the Engineer as well as the work schedule are further detailed in exhibits A, B and C which are attached hereto and made a part of the Work Authorization.

PART II. The maximum amount payable under this Work Authorization is \$ 76,771.98 and the method of payment is unit cost/specified as set forth in Attachment E of the Agreement. This amount is based upon fees set forth in Attachment E, Fee Schedule, of the Agreement and the Engineer's estimated Work Authorization costs included in Exhibit D, Fee Schedule, which is attached and made a part of this Work Authorization.

PART III. Payment to the Engineer for the services established under this Work Authorization shall be made in accordance with Articles III thru V of the Agreement, and Attachment A, Section 1.

PART IV. This Work Authorization shall become effective on the date of final acceptance of the parties hereto and shall terminate on 12/13/25, unless extended by a supplemental Work Authorization as provided in Attachment A, Section 1.

PART V. This Work Authorization does not waive the parties' responsibilities and obligations provided under "Article V of that certain Professional Services Agreement for Engineering / Design Services 365 Tollway Project / Segment 1 & 2.

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

THE ENGINEER

(Signature)
Aisha Gonzalez _____
(Printed Name)
President _____
(Title)

(Date)

THE AUTHORITY

(Signature)
Pilar Rodriguez _____
(Printed Name)
Executive Director _____
(Title)

(Date)

February 3, 2022

Mr. Ramon Navarro, IV, P.E., C.F.M.
Chief Construction Engineer
Hidalgo County Regional Mobility Authority
203 W. Newcombe Ave.
Pharr, Texas 78577

Reference: HCRMA Wetland Mitigation Site – WA#2 Proposal

Dear Mr. Navarro:

B2Z Engineering, LLC. appreciates the opportunity to submit the budget estimate to provide materials testing services in response to your Request for Proposal issued January 20, 2022. Based on the information furnished to us, we estimate a budget of **\$76,771.98**. Any additional services requested and not part of this estimate will be charged in accordance with B2Z's fee schedule. A worksheet with the breakdown of quantities is included with this proposal for your convenience.

We look forward to working with you. If you have any questions, please contact us at your convenience.

Sincerely,
B2Z Engineering, LLC.



Hector Cantu
Corporate Laboratory Manager

Attachments: Cost Estimate

TASK DESCRIPTION	SNR PROJECT MANAGER	SNR GEO ENG	GEO ENG	PRJ ENG	EIT	ENG LAB MANAGER	ENG TECH	CADD OPERATOR	ADMIN CLERICAL	TOTAL LABOR HRS. & COSTS	NO OF DWGS	LABOR HRS PER SHEET
LABOR (FIELD, REPORTING, MISC.)												
5. Geotechnical Borings and Investigations										0		
a). Manage, Coord., & Boring Log / Geo Data Creation										0		
a-1). Management, Oversight, Invoicing, etc.	2		4						4	10		
a-2). Coordination of Field Activities			4							4		
a-3). Stake Borings/Utility Locates/Coord. - Eng. Tech								8		8		
a-4). Field Logging - Eng. Tech								48		48		
a-5). Boring Log / Geo Data Creation		4	16		32					52		
a-6). Resistivity Testing - Eng. Tech			2				40			42		
b). Engineering & Evaluation of Data										0		
c). Geo Report										0		
c-1). Technical Memorandum (Data Report)	2	4	16		4		4	4	4	34		
c-2). Meetings/Coord. (Coord. Time w/ Client)	4	4							4	12		
d). Miscellaneous Tasks										0		
d-1). Monitoring Piezometers (and Closing Piezometers After 1 Year Monitoring 1 Time / Month)			4			4	60			68		
										0		
HOURS SUB-TOTALS	8	12	46	0	36	4	156	4	12	278	0	
CONTRACT RATE PER HOUR	\$ 186.90	\$ 166.32	\$ 136.40	\$ 133.98	\$ 88.00	\$ 94.71	\$ 76.70	\$ 78.20	\$ 61.95			
TOTAL LABOR COSTS	\$1,495.20	\$1,995.84	\$6,274.40	\$0.00	\$3,168.00	\$378.84	\$11,965.20	\$312.80	\$743.40	\$26,333.68		
% DISTRIBUTION OF STAFFING	2.88%	4.32%	16.55%	0.00%	12.95%	1.44%	56.12%	1.44%	4.32%			
SUBTOTAL (FC 110)										\$26,333.68		
UNIT COSTS (FIELD, TEST)	# OF UNITS	COST	UNIT									
Soil Boring with Standard Penetration Test (SPT)	270	\$ 32.00	LF	N/A								\$8,640.00
Grouting of Bores	330	\$ 5.00	LF	N/A								\$1,650.00
Piezometer - 2 inch (including well completion and installation)	60	\$ 40.00	LF	N/A								\$2,400.00
Casagrande Type Piezometers (materials)	3	\$ 325.00	each	N/A								\$975.00
Determining Moisture Content in Soil Materials	120	\$ 13.00	each	Tex-103-E								\$1,560.00
Atterberg Limits (LL, PL, PI)	35	\$ 75.00	each	Tex-104-6-E								\$2,625.00
Percent Passing No. 200 Sieve	35	\$ 65.00	each	Tex-111-E								\$2,275.00
Particle Size Analysis of Soils (Sieve) 110-E Part I	15	\$ 68.00	each	Tex-110-E								\$1,020.00
Particle Size Analysis of Soils (Hyd) 110-E Part II	15	\$ 78.00	each	Tex-110-E								\$1,170.00
Unconfined Compressive Strength (Soil)	20	\$ 62.00	each	ASTM D2166								\$1,240.00
Unconsolidated Undrained (UU) Triaxial Test (per stage)	20	\$ 250.00	each	Tex-118-E								\$5,000.00
Determining Sulfate Content in Soils - Colorimetric Method	10	\$ 68.33	each	Tex-145-E								\$683.30
Organic Content Using UV-VIS	10	\$ 85.00	each	Tex-148-E								\$850.00
Determining Soil pH	10	\$ 45.00	each	Tex-128-E								\$450.00
Chloride Ion (Water)	10	\$ 300.00	each	ASTM D516								\$3,000.00
Resistivity of Soils (Wenner Four-Electrode Method) - FIELD TEST	10	\$ 600.00	each	ASTM G57								\$6,000.00
Permeability Test	10	\$ 550.00	each	ASTM D5084								\$5,500.00
Oxidation-Reduction Potential (Water)	10	\$ 300.00	each	ASTM D1498								\$3,000.00
SUBTOTAL UNIT COST ITEMS												\$48,038.30
OTHER DIRECT EXPENSES	# OF UNITS	COST	UNIT									
Mobilization /Demobilization	6	\$ 400.00	each									\$2,400.00
SUBTOTAL OTHER DIRECT EXPENSES												\$2,400.00
SUMMARY												
TOTAL COSTS FOR PROVIDER		\$26,333.68										
NON-SALARY (UNIT COST ITEMS) FOR PROVIDER		\$48,038.30										
NON-SALARY (OTHER DIRECT EXPENSES) FOR PROVIDER		\$2,400.00										
GRAND TOTAL		\$76,771.98										

WETLAND MITIGATION SITE

PROPOSED BORING LOG LOCATIONS

Legend



TEST NO.	CMT Firm: B2Z ENGINEERING Date: 09/13/2021			2020-23					
	Geotechnical Services	Unit	FINAL NEGOTIATED RATES 9/3/2021		COMMENTS				
1	Mobilization/Demobilization	each	\$ 400.00		\$6/mile for anything < 67 miles per trip or \$400 > 67 miles				
	Drilling, Logging, & Recovering Samples (With TCP)	per mile	\$ 6.00						
2A	1. Depth ≤ 50 feet	(tex-132-E)	(every 5 feet) \$ 28.63						
2B	2. Depth ≥ 50 feet	nearfoot	\$ 30.71						
	Drilling, Logging, & Recovering Samples (Without TCP)		\$ -						
3A	1. Depth ≤ 50 feet	nearfoot	\$ 26.02						
3B	2. Depth ≥ 50 feet	nearfoot	\$ 28.03						
4	Soil Coring (Soil Test)	nearfoot	\$ 12.07						
5	Rock Coring (Hard Rock)	nearfoot	\$ 16.00						
6	Staking Borings and Utility Locations	hour	\$ 109.03						
	Standby Time (sampling)	hour	\$ 250.00						
7A	1. Hot Mix Asphalt (m number of one hour)	each	\$ 100.00						
7B	2. Concrete (m number of one hour)	each	\$ 159.30						
8	Piezometer ~ 2 inch (including well completion and installation)	nearfoot	\$ 40.00						
9	Grouting of Borings	nearfoot	\$ 5.00						
10	Traffic Control - Major	day	\$ 1,200.00						
	Laboratory Test		Test Method	Unit	\$ -				
11	Volumetric Shrinkage	ASTM D427	each	\$ 91.00					
12	Standard Poor Test	ASTM D698	each	\$ 210.00					
13	Modified Poor Test	ASTM D1557	each	\$ 250.00					
14	Standard Penetration Test (SPT)	ASTM D1586	LF	\$ 30.04					
15	California Bearing Ratio (Soil Sample without MD Curve)	ASTM D1883	test	\$ 275.00					
16	Unconfined Compressive Strength (Soil)	ASTM D2166	each	\$ 62.00					
17	Hydraulic Conductivity Permeability	ASTM D2434	each	\$ 330.00					
18	Soil Density and Consistancy Properties of Soil	ASTM D2435	each	\$ 450.00					
19	Unconfined Compressive Strength (Soil)	ASTM D2938	each	\$ 76.00					
20	Direct Shear Test of Soils Under Consolidated Drained Conditions	ASTM D3080	set of 3	\$ 625.00					
21	Direct Shear Test of Soils Under Consolidated Drained Conditions, SAND	ASTM D3080	set of 3	\$ 475.00					
22	Direct Shear Test of Soils Under Consolidated Drained Conditions, CLAY	ASTM D3080	set of 3	\$ 650.00					
23	Soil Testing of In-situ Soil Core	ASTM D3967	each	\$ 120.00					
24	Water Stand Pipes	ASTM D4043	each	\$ 37.69					
25	Calcium Carbonate Content of Soils	ASTM D4373	LF	\$ 62.00					
26	Hydraulic Conductivity Permeability	ASTM D4511	each	\$ 260.00					
27	One Dimensional Swell, Methods A&B	ASTM D4546	each	\$ 249.47					
28	One Dimensional Swell, Method B Only	ASTM D4546	each	\$ 300.00					
29	One Dimensional Swell, Method C	ASTM D4546	each	\$ 247.52					
30	Permeability of Sand and Clays	ASTM D5084	each	\$ 350.00					
31	Suction Test (Filter Method)	ASTM D5298	each	\$ 80.00					
32	Casagrande Type Piezometers	N/A	each	\$ 325.00					
33	Casagrande Type Piezometers Installation	N/A	each	\$ 420.00					
34	Miscellaneous Testing	N/A	each	\$ 55.00					
35	Verticarometer	N/A	each	\$ 400.00					
36	Verticarometer Installation	N/A	each	\$ 700.00					
37	Vibrating Wire Piezometer	N/A	each	\$ 760.00					
38	Vibrating Wire Piezometer Installation	N/A	each	\$ 800.00					
39	Soil Boring with SPT	ASTM D1586	LF	\$ 32.00					
	Laboratory Test		Test Method						
	Soils & Base Testing								
40	Sampling	Tex-400-A	hour	\$ 55.00					
41	Sample Preparation	Tex-101-E	each	\$ 53.00					
42	Determining Slaking Time	Tex-102-E	each	\$ 50.00					
43	Moisture Content	Tex-103-E	each	\$ 13.00					
44	Atterberg Limits	Tex-104,105&106-E	Set of 3	\$ 75.00					
45	Linear Bar Shrinkage (per bar)	Tex-107-E	each	\$ 61.84					
46	Determining the Specific Gravity of Soils	Tex-108-E	each	\$ 65.00					
47	Sieve Analysis	Tex-110-E, Part	each	\$ 68.00					
48	Severe Analysis (Hydrometer with Tex-108-E)	Tex-110-E, Part	each	\$ 78.00					
49	Hydrometer with Tex-108-E (in conjunction with Tex-110-E, Part A)	Tex-108-E	each	\$ 56.00					
50	Percent Passing No. 200 Sieve	Tex-111-E	each	\$ 65.00					
51	Determining the Amount of Material in Soils Finer than the 75 μm	Tex-111-E	each	\$ 49.00					
52	Admixtures to Reduce Plasticity Index of Soils	Tex-112-E	each	\$ 110.00					
53	Moisture-Density Relationship	Tex-113-E	each	\$ 240.00					
54	Moisture-Density Relationship	Tex-114-E	each	\$ 215.00					
55	Field Density Measurements	Tex-115-E	hour	\$ 50.00					
56	Wet Ball Mill Test	Tex-116-E	each	\$ 230.00					
57	Texas Triaxial Compression GJ	Tex-117-E, Part	each	\$ 425.00					
58	Texas Triaxial Compression GJ	Tex-117-E, Part	each	\$ 1,050.00					
59	Quality Assurance (QA) Services for Field Base Testing	See Foot Notes	each	\$ 1,800.00					
60	Soil-Cement Testing 7J	Tex-120-E, Part	each	\$ 400.00					
61	Soil-Lime Testing 7J	Tex-121-E, Part	each	\$ 410.00					
61.1	Soil-Lime Testing Determining Stabilization Ability of Lime by Soil pH	Tex-121-E, Part	each	\$ 400.00					
62	Determining the Drainage Factor of Soils (Not Fired Test)	Tex-123-E ++	each	\$ 70.00					
63	Determining Modulus of Sub-grade Reaction on (K Value) (Not Fired Test)	Tex-125-E ++	each	\$ 110.00					
64	Molding, Testing, and Evaluation Bituminous Black Base Materials	Tex-126-E ++	each	\$ 1,490.00					
65	Lime-Fly Ash Compression 7J	Tex-127-E	each	\$ 750.00					
66	Soil pH	Tex-128-E	each	\$ 45.00					
67	Test of Soils	Tex-129-E	each	\$ 100.00					
68	Slurry Testing	Tex-130-E	each	\$ 97.00					
69	Texas Cone Penetration	Tex-132-E	each	\$ 32.00					
70	Freezing and Thawing Tests on Compacted Soil-Cement Mixture	Tex-135-E	each	\$ 240.00					
71	Thickness of Pavement Layers (4 hours minimum)	Tex-140-E	hour	\$ 53.00					
72	Manual Procedure for Description and Identification of Soils	Tex-141-E	each	\$ 46.00					
73	Laboratory Classification of Soils for Engineering Purposes	Tex-142-E	each	\$ 50.00					
74	Sulfate Content in Soils	Tex-145-E	each	\$ 68.33					
75	Conductivity Test for Fired Detection of Sulfates in Soils	Tex-146-E	each	\$ 65.00					
75.1	Inorganic Content Using UV-VIS Method	Tex-148-E	each	\$ 85.00					
76	Determining Chloride and Sulfate Contents in Soils	Tex-620-J	each	\$ 80.00					
77	Free Swell Test	EM1110-2-1906	each	\$ 155.00					
78	Pressure Swell Test	EM1110-2-1906	each	\$ 255.00					
79	One-Dimensional Swell	ASTM D4546	each	\$ 250.00					
80	One-Dimensional Swell (Method B Only)	ASTM D4546	each	\$ 275.00					
81	Potential Vertical Rise Calculation	Tex-124-E	each	\$ 68.00					
82	Volumetric Shrinkage	ASTM D4943	each	\$ 95.00					

83	Volumetric Shrinkage	ASTM D427	each	\$ 53.00		
84	Unconfined Compress on Test (So)	ASTM D2166	each	\$ 62.00		
85	Unconfined Compress on Test (o c)	ASTM D2938	each	\$ 76.00		
86	Unconfined Compress on Test (o c) (Method D)	ASTM D7012	each	\$ 57.25		
87	1. Set of Three	Tex-118-E	set	\$ 275.00		
88	2. Multistage	Tex-118-E	each	\$ 250.00		
	Consolidated Undrained (CU) Triaxial Compression Test					
89	1. Set of Three	Tex-131-E or ASTM D4767	set	\$ 1,220.00		
90	2. Multistage	Tex-131-E or ASTM D4767	each	\$ 1,040.00		
	Consolidated Drained (CD) Triaxial Compression Test					
91	1. Set of Three	Tex-131-E or ASTM D4767	set	\$ 860.00		
92	2. Multistage	Tex-131-E or ASTM D4767	each	\$ 820.00		
93	Direct Shear Consolidated Drained (CD), sand	ASTM D3080	set of 3	\$ 475.00		
94	Direct Shear Consolidated Drained (CD), clay	ASTM D3080	set of 3	\$ 650.00		
95	One-Dimensional Consolidation Test (7 load increments)	ASTM D2435	each	\$ 589.80		
96	es ent Modu us (f he-gra ned so s)	AASHT T307	each	\$ 950.00		
	Hot Mix Asphalt Testing					
97	Seve Anys s of F ine and Coarse Aggregates	Tex-200-F	each	\$ 68.33		
98	Br Spec f c Grav ty and Water Absorpti on of Aggregates	Tex-201-F	each	\$ 76.00		
99	Apparent Spec f c Grav ty of Matera F ner Than 180 μ m (No. 80) S eve	Tex-202-F	each	\$ 52.00		
100	Sand Equivalent Test	Tex-203-F	each	\$ 78.00		
101	Laboratory Method of M x ng B lumous M xtures	Tex-205-F	Set of 3	\$ 105.00		
102	Compacting Specimens Using the Texas Gyraly Compactor (TG)	Tex-206-F	Set of 3	\$ 90.00		
103	Determ n B u Spec f c Grav ty of Compacted B tum nuous M xtures	Tex-207-F ()	each	\$ 30.00		
104	Determ n B u Spec f c Dens ty of Compacted B tum nuous M xtures (Nuc ear Method)	Tex-207-F ()	each	\$ 30.00		
105	Asphal t o ng Pattern (Nuc ear Method)	Tex-207-F (V)	each	\$ 82.00		
106	Segregation Prof e	Tex-207-F(V)	each	\$ 175.00		
107	Joint Dens ty	Tex-207-F(V)	each	\$ 175.00		
108	Test of Stab ormeter Va ue of B tum nuous M xtures	Tex-208-F	Set of 3	\$ 120.00		
109	Determ n Asphal t Content of B tum nuous M xtures by Extract on	Tex-210-F	each	\$ 347.81		
110	covery of Asphal t from B tum nuous M xtures by the Abson Pro	Tex-211-F	each	\$ 218.00		
111	Determ n Mo stue Content of B tum nuous M xtures	Tex-212-F	each	\$ 54.00		
112	Determ n ng Hydrocarbon-Vo at e Content of B tum nuous M xture	Tex-213-F	each	\$ 110.00		
113	Determ n ng D euteri us Matera and Decantati on Test for Coarse Aggregates	Tex-217-F	each	\$ 78.84		
114	nd rect Lens e Strength Test	Tex-226-F	each	\$ 475.00		
115	Theoreti ca Max mum Spec f c Grav ty of B tum nuous M xtures	Tex-227-F	each	\$ 95.00		
116	Determ n Asphal t Content of B tum nuous M xtures by the Nuc ear	Tex-228-F	each	\$ 60.00		
117	Combined HMAC Cold-Belt Sampling and Testing Procedure	Tex-229-F	each	\$ 60.00		
118	Determining Draindown Characteristics in Bituminous Mixtures	Tex-235-F	each	\$ 55.00		
119	Determ n Asphal t Content from Asphal t Pav ng M xtures by the g n on Method	Tex-236-F	each	\$ 130.00		
120	Asphalt Release Agents	Tex-239-F	each	\$ 75.00		
121	Superpave Gyraly Compacting Test Spec mens of B tum nuous	Tex-241-F	each	\$ 130.00		
122	Hamburg Wheel Tracker	Tex-242-F	each	\$ 236.51		
123	Tack CoatAdhesion	Tex-243-F	each	\$ 104.09		
124	Threma Prof e	Tex-244-F	each	\$ 126.14		
125	Cantabro Loss	Tex-245-F	each	\$ 190.00		
126	Permeab ty or Water F ow of Hot M x Asphal t	Tex-246-F	each	\$ 68.00		
127	Overlay Test	Tex-248-F	Set of 3	\$ 675.00		
128	Flat and Elongated Particles	Tex-280-F	each	\$ 58.29		
129	Same ng B tum nuous Matera a s, Pre-Mo ded Jo nt F ers, and Jo nt	Tex-500-C	each	\$ 60.00		
130	Asphalt Binder Water in Petroleum	501-C AASHT	each	\$ 93.00		
131	Penetrati on of B tum nuous Matera a s	502-C AASHT	each	\$ 75.00		
132	Ducti ty of Asphal t Matera a s	503-C AASHT	each	\$ 110.00		
133	Flash and Fire Points by Cleveland Open Cup	504-C AASHT	each	\$ 60.00		
134	Softening Po nt of B tum nent and Ba Apparatus	505-C AASHT	each	\$ 90.00		
135	So tty of B tum nuous Matera a s	507-C AASHT	each	\$ 100.00		
136	Spec f c Grav ty	09-C AASHT	each	\$ 70.00		
137	Spot Test of Asphal t Matera a s	09-C AASHT	each	\$ 155.00		
138	Effect of Heat and A r on Asphal t Matera a s (Th n-F m -ven Test)	510-C AASHT	each	\$ 63.00		
139	F ash Po nt w th Tag -pen-Cup Apparatus for Use w th Matera H	512-C AASHT	each	\$ 68.00		
140	Saybolt Viscosity	513-C AASHT	each	\$ 75.00		
141	Cubac Asphal t - Spec f c Grav ty, AP Grav ty, or Dens ty of Cubac Asphal t by Hydrometer Method; Emu s fed Asphal ts - We ght per Ga on of Emu s fed Asphal t	Tex-514-C ASTM D3142 ASTM D244	each	\$ 130.00		
142	Dst. at on of Cubac Asphal t Products	515-C AASHT	each	\$ 170.00		
143	F oat Test for B tum nuous Matera a s	519-C AASHT	each	\$ 70.00		
144	Standard Test Method for Emu s fed Asphal ts	521-C AASHT	each	\$ 190.00		
145	Vscos ty of Asphal ts by Vacuum Cap ary V scometer	28-C AASHT	each	\$ 35.00		
146	Kinemati c Vscos ty of Asphal ts (B tumens)	29-C AASHT	each	\$ 75.00		
147	Br Test (Effect of Water on Pav ng M x)	Tex-530/531-C	each	\$ 130.00		
148	Field Coing -ACP Thickness	ASTM D3549	each	\$ 100.00		
149	Pavement Thickness Determin. (Full Depth)	ASTM D3549	each	\$ 130.00		
150	Determ n Po ymer Add tve Percentages in Po ymer Modif ed	Tex-533-C	each	\$ 60.00		
151	Ca cu atg Vscos ty from Penetrai on	Tex-535-C	each	\$ 75.00		
152	East c ecovery of Tens e D eformati on usg a Ducti onometer	Tex-539-C	each	\$ 65.00		
153	Measurement of Po ymer Separati on on Heatng n Modif ed Asphal at	Tex-540-C	each	\$ 95.00		
154	o ng Th n-F m -ven Test for Asphal t B inders	41-C ASSHT	each	\$ 110.00		
155	Exura Creep Stiffness Usg the Bend Beam heometer	AASHTO T313	each	\$ 200.00		
156	Determ n heo og ca Propties of Asphal t B inders Usg a D y	AASHT T315	each	\$ 120.00		
157	Determ n ng B rea ng E ndex for Asphal t Emu s ons	Tex-542-C	each	\$ 215.00		
158	es ence Test for Sea ants and epa r Matera a s	Tex-547-C	each	\$ 250.00		
159	Tensile Strain to Failure	Tex-548-C	each	\$ 60.00		
160	Cone Flow Test	Tex-549-C	each	\$ 55.00		
161	Flex b ty Test for Sea ants and epa r Matera a s	Tex-550-C	each	\$ 250.00		
162	Sett ement of Sea ants and epa r Matera a s	Tex-551-C	each	\$ 88.00		
	Concrete & Aggregate Testing					
163	Seve Anys s of Conc. Agg	Tex-401-A	each	\$ 73.58		
164	Fineness Modu us for Conc. Agg	Tex-402-A	each	\$ 18.00		
165	SSD Spec f c Grav ty / Absorpti on on Conc. Agg	Tex-403-A	each	\$ 78.00		
166	Un t W eght of Conc. Agg	Tex-404-A	each	\$ 40.00		
167	Determining Percent Voids and Solids in Concrete	Tex-405-A	each	\$ 65.00		
168	Decantati on for Conc. Agg	Tex-406-A	each	\$ 54.00		
169	rganic Impurites for Conc. Agg	Tex-408-A	each	\$ 52.00		
170	Free Mo sture and Water Absorpti on n Aggregate for Concrete	Tex-409-A	each	\$ 65.00		
171	L.A. Abrasion	Tex-410-A	each	\$ 400.00		
172	5 Cyc e Magne um Soundness	Tex-411-A	each	\$ 450.00		
173	Deterous Matera for Conc. Agg	Tex-413-A	each	\$ 60.00		
174	A r Content of Fresh Concrete by Vo umeter c	Tex-414-A	each	\$ 30.00		
175	Sum of Fresh Concrete	Tex-415-A	each	\$ 23.00		
176	A r Content of Fresh Concrete by Pressure	Tex-416-A	each	\$ 26.28		
177	Un t We ght, Y ed and A r Content (Grav metr c) of Concrete	Tex-417-A	each	\$ 35.00		
178	Comp. Strength of Cy. Conc. Spec men	Tex-418-A	each	\$ 15.00		
179	Measure Temp. of Fresh Conc.	Tex-422-A	each	\$ 20.00		
180	Obtaining & Testing Drilled Conc. Cores	Tex-424-A	each	\$ 250.00		
181	Absorpti on and Dry Bu. Spec f c Grav ty of L ghtwe ght Coarse	Tex-433-A	each	\$ 95.00		
182	Test F ow of Grout M xtures (F ow Cone Method)	Tex-437-A	each	\$ 65.00		
183	Accerated Po sh Test for Coarse Aggregate	Tex-438-A	each	\$ 675.00		

184	Det. Comp. Strength of Grouts	Tex-442-A	each	\$ 18.00		
185	Making & Curing Conc. Test Specimen	Tex-447-A	each	\$ 14.00		
186	Flexure Strength of Concrete Usng Smp e Beam Th rd-Point Load	Tex-448-A	each	\$ 40.00		
187	Capping Cyl. Conc. Specimen	Tex-450-A	each	\$ 14.00		
188	Degradation of Coarse Aggregate by Micro-Deve Abras on	Tex-461-A	each	\$ 266.50		
189	Un form ty of Concrete	Tex-472-A	each	\$ 110.00		
	Additional Testing	Test Method	Unit			
190	Geogrid Testing	Tex-621-J	each	\$ 740.00		
191	Water Quality Testing	Tex-619-J	each	\$ 150.00		
192	Lime Testing	Tex-600-J	each	\$ 300.00		
193	operating nerf a Prof ers and Eva uat ng Pavement Prof es	Tex-1001-S	each	\$ 1,750.00		
194	Vane Shear Testing	ASTM D2573	each	\$ 300.00		
	Miscellaneous Testing	Test Method	Unit			
195	Structural Field Welding	NA	hour	\$ 150.00		
	Equipment & Supp es for MT & UT		day	\$ 150.00		
	Other Direct Expenses		Unit			
	Photocopies B/W (8 1/2" X 11")		each	\$ 0.15		
	Photocopies B/W (11" X 17")		each	\$ 0.23		
	Photocopies Color (8 1/2" X 11")		each	\$ 0.82		
	Photocopies Color (11" X 17")		each	\$ 1.41		
	Digital Ortho Plotting		sheet	\$ 2.43		
	CADD Plotting		nearfoot	\$ 1.00		
	Plots (B/W on Bond)		nearfoot	\$ 0.91		
	Plots (Color on Bond)		nearfoot	\$ 1.75		
	Plots (Color on Photographic Paper)		nearfoot	\$ 2.72		
	eproduction of CD/DVD		each	\$ 5.00		
	B2Z Personnel Classification	Hourly Base Rate	Contract Rate FY 2020	FINAL NEGOTIATED RATES 9/3/2021		
	Senior Project Manager / Principal	\$ 80.00	\$ 240.29	\$ 186.90		
	Senior Geotechnical Engineer	\$ 68.00	\$ 204.25	\$ 166.32		
	Geotechnical Engineer	\$ 60.00	\$ 180.22	\$ 136.40		
	Project Engineer	\$ 55.00	\$ 165.20	\$ 133.98		
	Engineering Lab Manager	\$ 43.00	\$ 129.16	\$ 94.71		
	Utility Coordinator	\$ 40.00	\$ 120.14	\$ 110.98		
	Senior Project Inspector	\$ 40.00	\$ 120.14	\$ 99.75		
	Project Inspector	\$ 32.00	\$ 96.12	\$ 73.92		
	EIT	\$ 30.00	\$ 90.11	\$ 88.00		
	Engineer Tech / GIS	\$ 28.00	\$ 84.10	\$ 76.70		
	Logger	\$ 23.00	\$ 69.08	\$ 61.95		
	Field Technician (Soils, Aggr, Asph, Conc)	\$ 23.00	\$ 69.08	\$ 68.02		
	CADD Operator	\$ 23.00	\$ 69.08	\$ 78.20		
	Admin/Clerical	\$ 22.00	\$ 66.08	\$ 61.95		

ATTACHMENT C
SERVICES TO BE PROVIDED BY THE ENGINEER

APPLICABILITY:

Wherever the following terms are used in this attachment or other contract documents, the intent and meaning will be interpreted as indicated below.

ABBREVIATIONS, ABBREVIATIONS, and DEFINITIONS:

HCRMA OR AUTHORITY shall mean Hidalgo County Regional Mobility Authority
PMC (GEC) shall mean Program Management Consultant (General Engineering Consultant) (HDR Engineering Inc.)
ENGINEER shall mean B2Z Engineering, LLC
TxDOT shall mean Texas Department of Transportation
FHWA shall mean Federal Highway Administration
IBWC shall mean International Boundary and Water Commission
USFWS shall mean United States Fish & Wildlife Service
THC shall mean Texas Historical Commission
SHPO shall mean State Highway Preservation Office
USACE shall mean United States Army Corps of Engineers
GSA shall mean General Services Administration
HCMPO shall mean Hidalgo County Metropolitan Planning Organization
FAA shall mean Federal Aviation Administration
MTP shall mean Metropolitan Transportation Plan
TIP shall mean Transportation Improvement Program
MUTCD shall mean Manual of Uniform Traffic Control Devices
AASHTO shall mean American Association of State Highway and Transportation Officials
LRFD shall mean Load & Resistance Factor Design
PS&E shall mean Plans, Specifications and Estimate
ACP shall mean Asphaltic Concrete Pavement
CSJ shall mean Control Section Job (highway project designation number)
ADP shall mean Advance Project Development
AAP AASHTO Accreditation Program (AASHTO resource and CCRL)
AASHTO American Association of State Highway Transportation Officials
ACI American Concrete Institute
AO Area Office
AQMP Aggregate Quality Monitoring Program
CAR Corrective Action Report
CCRL Concrete and Cement Reference Laboratory
CE&I Construction Engineering and Inspection
CFR Code of Federal Regulations
MTD Materials and Tests Division
CMEC Construction Materials Engineering Council
FHWA Federal Highway Administration
HMA Hot-Mix Asphalt
HMAC Hot-Mix Asphalt Center
IA Independent Assurance
L-A-B Laboratory Accreditation Bureau
MPL Material Producer List
QAP Quality Assurance Program
QAT Quality Assurance Test
QC Quality Control
SM SiteManager
TXAPA Texas Asphalt Pavement Association
TxDOT Texas Department of Transportation

ATTACHMENT C
SERVICES TO BE PROVIDED BY THE ENGINEER
PROJECT DESCRIPTION

The services designated herein as "Services provided by the Engineer" shall include the performance of all engineering services for the following described facility:

County/HCRMA: Hidalgo County

CSJ number: 0921-02-368

Project/Description: Provide materials testing on existing soils to assure the proposed parameters of the wetland mitigation project are collected and subject to verification sampling and testing as required to meet project plans and specifications

Length: N/A

Highway: 365TOLL

Limits: (See Location Map Attached)

Contract is for "indefinite delivery/indefinite quantity [IDIQ] set for a proposed three (3) year fixed period of time, during that period of time the Engineer will be responsible for an unlimited number of separate projects, or additional work on a current project to be issued on an individual work order basis.

The Engineer agency(s) must be accredited by one of the following FHWA- and TxDOT-approved accrediting bodies:

- A. AASHTO Accreditation Program (AAP);
- B. Construction Materials Engineering Council (CMEC); or
- C. Laboratory Accreditation Bureau (L-A-B)

The Engineer shall have Texas Department of Transportation or Toll Authority/Regional Mobility Authority as well U.S. Army Corps of Engineers' construction material testing experience and is expected to work directly with the HCRMA Construction Division, namely, the Chief Construction Engineer for the Authority. The selected Engineer(s) may also perform certain tasks under the oversight of the HCRMA's General Engineering Consultant (Currently HDR Engineering Inc.).

To avoid an appearance of a conflict of interest, any qualified Engineer agency (laboratory) shall perform only one of the following types of testing on the same project:

- A. Quality control testing;
- B. Quality acceptance testing;
- C. Owner verification testing;
- D. Independent assurance testing; or
- E. Referee testing.

The selected Engineer(s) shall have adequate experienced staff and a workload free from constraints to provide the necessary construction material testing for the HCRMA. Staff expertise is to include a Licensed Professional Engineer and certified, experienced staff proficient with TxDOT testing procedures, sampling and testing

schedule, and the latest ASSHTO, ASTM and ACI testing requirements [Appendix A] performed and executed as per 2019 TxDOT Quality Assurance Program (~~DB-QAP~~ / DBB-QAP) / 2019 Guide Schedule of Sampling & Testing for Design Bid-Build Projects.

Engineer will compose and submit an annual report to the Federal Highway Administration (FHWA) summarizing the results of HCRMA's project specific systems approach program. This report identifies:

- A. Number of sampling and testing personnel evaluated by the systems approach IA testing;
- B. Number of IA evaluations found to be acceptable;
- C. Number of IA evaluations found to be unacceptable; and
- D. Summary of any significant system-wide corrective actions taken.

The Engineer will be responsible for maintaining documentation of all individuals qualified under their authority who perform required tests for acceptance of materials. A qualification summary listing all tests for which an individual is qualified will be available and printed at HCRMA's request. Documentation to be maintained for all qualified personnel includes:

- A. Copies of any certificates issued by ACI and TXAPA ;
- B. Original written examinations or proof of written exam utilizing TxDOT web-based application for test procedures administered to each technician by the TxDOT qualifying authority, with clear identification of technician's name, qualifier's name, score, and date taken;
- C. Original performance examinations for test procedures administered to each technician by the TxDOT qualifying authority, with clear identification of technician's name, qualifier's name, qualification status, and date;
- D. Results of annual split/proficiency testing administered by the TxDOT qualifying authority for each technician.

Engineer shall perform Quality Control / Quality Assurance sampling and testing and comply with Laboratory Qualification Program and will be evaluated under the Independent Assurance Program, as described in the 2019 QAPDBB [Attachment L]. Quality Control test results will be validated by verification test results obtained from independently taken samples. QA personnel or their designated agents will perform Quality Assurance verification sampling and testing.

1. The Engineer shall perform all sampling and testing of components and materials in accordance with the standard specifications, and all other standard and special specifications and special provisions applicable in this agreement. Meet the minimum sampling frequencies set out in the TxDOT 2019 Guide Schedule for Sampling and Testing for Design Bid-Build Projects. The testing shall include the following materials and all the components of the materials listed. The estimated number of samples and tests are based on quantities in the executed construction contract.

2. The Engineer shall ensure the testing is completed and input into ProjectWise. NOTE: The General Contractor is responsible for Quality Control (QC) testing of Item 360, Concrete Paving. The Engineer shall be responsible for Quality Assurance (QA) testing of Item 360, Concrete Paving.

3. The Engineer shall provide certified personnel, outlined in their internal, AASHTO-approved, Quality Control (QC) Manual that are knowledgeable of all materials testing procedures. All personnel performing acceptance tests must provide certifications and must maintain the certifications throughout the project. The HCRMA reserves the right to require replacement of any technician during this contract if performance is determined to be unsatisfactory or the technician fails to maintain appropriate certifications.

4. Engineer's laboratory will be qualified by the HCRMA qualifying authority in accordance with Section 3, Laboratory Qualification Responsibility of the Texas Department of Transportation (TxDOT) Quality Assurance Program (Manual Notice: 2019-1), and be AASHTO accredited under the AASHTO Accreditation Program (AAP) throughout the life of the project. Engineer shall transmit, to the HCRMA, a copy of AAP accreditation certificate(s) upon receipt by the testing laboratory.

5. The Engineer shall provide technicians certified in accordance with TxDOT Quality Assurance Program for Construction (QAP) or other State approved programs, such as the Texas Asphalt Pavement Association (TxAPA) for Hot Mix Asphalt, and the Soils and Base Certification Program, as listed.

6. The Engineer shall provide certified technicians to perform the following tests:

- A. Hot Mix Asphalt Testing:
 - a. Level I-A
 - b. Level I-B
 - c. Hot Mix Asphalt Testing • Level II
 - d. All other tests in the Manual of Testing Procedures 200-F Series or ASTM Procedures not covered in Level I-A, Level I-B, or Level II
- B. Concrete Testing:
 - a. QAP Program for Concrete Testing
 - b. Other tests outlined in the Manual of Testing Procedures 400-A Series or ASTM Procedures that are not included in the QAP Program

7. The Engineer shall perform testing on the project. These tests include all tests listed in State's Guide Schedule of Sampling and Testing dated 2019. Follow the State's Guide Schedule of Sampling and Testing to establish testing frequencies. Testing frequencies may be increased as directed by the HCRMA.

8. The Engineer shall notify the HCRMA, to determine if any tests may be waived

9. The Engineer shall attend preconstruction QA and QC testing meetings prior to beginning work.

10. The Engineer shall:

- A. Review and recommend approval or rejection of the Quality Control (QC) sampling and testing documentation submitted by the General Contractor for compliance with applicable State and Federal regulations, standards, and contract requirements.
- B. Verify all tested materials used meet specifications, or identify materials that do not meet specifications and recommend action which should be taken.
- C. Certify that all tested materials used during construction meet the specifications as outlined in the Site Manager Support System.
- D. Work closely with the HCRMA to resolve all material discrepancies before the next monthly estimate is processed by utilizing the Report in APPIA.
- E. Enter all test data in APPIA.
- F. Enter all mix designs, concrete, and asphalt, provided by the General Contractor into Site Manager.
- G. The Engineer shall report failing tests to the HCRMA within twenty-four (24) hours.

SUMMARY OF DELIVERABLES:

The Engineer shall provide the following:

- 1. Monthly Progress Reports
- 2. Quarterly Material Test Reports
- 3. Sampling and testing personnel qualification
- 4. Final document file (maintained in project control system during project execution. Final structure of file will be determined during project implementation, an example of content is provided below)
 - A. Construction Oversight Documentation
 - a. Testing reports and Testing documentation as applicable
 - b. Test Exception Letter
 - c. Certification Verifications
 - d. Photographs
 - B. Project Correspondence File (Design and Construction)
 - a. E-mail files
 - b. Letters
 - c. Memos
 - d. Meeting Minutes
 - e. Monthly Deficiency Reports to track material issues (one (1) per month)
 - f. Misc. correspondence

ATTACHMENT E-1
Final Cost Proposal Form

This attachment provides the basis of payment and fee schedule. **The basis of payment for this Work Authorization is indicated by an “X” in the applicable box.** The basis shall be supported by the Final Cost Proposal (FCP) shown below and should identify maximum amount payable and basis of payment. If more than one basis of payment is used, each one must be supported by a separate FCP. The basis of payment will be determined by Work Authorization and may be by any of the methods listed below.

“X”	Basis	
	Lump Sum	The lump sum shall be equal to the maximum amount payable. The lump sum includes all direct and indirect costs and fixed fee. The Engineer shall be paid pro rata based on the percentage of work completed. For payment the Engineer is not required to provide evidence of actual hours worked, travel, overhead rates or other evidence of cost.
<u>X</u>	Unit Cost	The unit cost(s) for each type of unit and number of units are shown in the FCP. The unit cost includes all direct and indirect costs and fixed fee. The Engineer shall be paid based on the type and number of units fully completed and the respective unit cost. For payment, the Engineer is not required to provide evidence of actual hours worked, travel, overhead rates or any other cost data. The FCP may include special items, such as equipment which are not included in the unit costs. Documentation of these special costs may be required. The maximum amount payable equals the total of all units times their respective unit cost plus any special direct items shown.
<u>X</u>	Specified Rate Basis	The specified rates for each type of labor are shown in the FCP below. The FCP may include special items, such as equipment which are not included in the specified rates. Payment shall be based on the actual hours worked multiplied by the specified rate for each type of labor plus other agreed to special direct cost items. The specified rate includes direct labor and indirect cost and fixed fee. The Authority may request documentation of reimbursable direct costs including hours worked. Documentation of special item costs may be required. The specified rate is not subject to audit.
	Cost Plus Fixed Fee	<p>Payment shall be based on direct and indirect costs incurred <u>plus</u> a pro rata share of the fixed fee based on the ratio of <u>labor and overhead cost incurred to total estimated labor and overhead cost in the FCP</u> or the percentage of work completed. The invoice must itemize labor rates, hours worked, other direct costs and indirect costs. The Engineer may be required to provide documentation of hours worked and any eligible direct costs claimed. The provisional overhead rate charged is subject to audit and adjustment to actual rates incurred. The FCP below shows the hourly rates for labor, other direct expenses including but not limited to travel and allowable materials, provisional overhead rate and the fixed fee.</p> <p style="padding-left: 40px;">A. Actual Cost Plus Fixed Fee - Actual wages are paid (no minimum, no maximum).</p> <p style="padding-left: 40px;">B. Range of Cost Plus Fixed Fee – Actual wages <u>must</u> be within the allowable range shown on the Final Cost Proposal.</p>

A. REFER TO ATTACHMENT E-2 FOR HOURLY SPECIFIED / LUMP SUM RATE SCHEDULE FOR EACH FIRM

ATTACHMENT F

WORK SCHEDULE

HCRMA Construction & Materials Testing Services
TOLL365 (SH 365)

Task Name	Start	Finish
Material Testing	10/1/2021	12/13/2025
Geotechnical	10/1/2021	12/13/2025
Other Analyses	10/1/2021	12/13/2025
All sampling and testing of components and materials	10/1/2021	12/13/2025
Hot Mix Asphalt Testing	10/1/2021	12/13/2025
Concrete Testing	10/1/2021	12/13/2025
Construction Oversight Documentation	10/1/2021	12/13/2025
Project Correspondence File (Design and Construction)	10/1/2021	12/13/2025

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Item 3G

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

AGENDA RECOMMENDATION FORM

BOARD OF DIRECTORS	<u>X</u>	AGENDA ITEM	<u>3G</u>
PLANNING COMMITTEE	<u> </u>	DATE SUBMITTED	<u>02/15/2022</u>
FINANCE COMMITTEE	<u> </u>	MEETING DATE	<u>02/22/2022</u>
TECHNICAL COMMITTEE	<u> </u>		

1. Agenda Item: RESOLUTION 2022-15 – CONSIDERATION AND APPROVAL OF CONTRACT AMENDMENT NUMBER 1 WITH B2Z ENGINEERING, LLC TO INCREASE THE MAXIMUM PAYABLE AMOUNT FOR WORK AUTHORIZATION NUMBER 1 SUPPLEMENTAL NUMBER 1 AND WORK AUTHORIZATION NUMBER 2.
2. Nature of Request: (Brief Overview) Attachments: X Yes No
Approval of Contract Amendment 1 for CMT Services with B2Z Engineering, LLC.
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 2022-15 – Consideration and Approval of Contract Amendment Number 1 with B2Z Engineering, LLC to increase the maximum payable amount for Work Authorization Number 1 Supplemental Number 1 and 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: Approved Disapproved X None
12. Chief Construction Engineer's Recommendation: X Approved Disapproved None
13. 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.
HCRMA, Chief Construction Engineer

Date: February 13, 2022

Subject: **CONSIDERATION AND APPROVAL OF CONTRACT
AMENDMENT NUMBER 1 WITH B2Z ENGINEERING TO
INCREASE THE MAXIMUM PAYABLE AMOUNT FOR WORK
AUTHORIZATION NUMBER 1 SUPPLEMENTAL NUMBER 1
AND WORK AUTHORIZATION NUMBER 2 FOR MATERIAL
TESTING SERVICES ON THE 365 TOLLWAY PROJECT**

GOAL

Approval and authorization to increase maximum payable amount in main agreement for Construction Material Testing Services with B2Z Engineering, LLC.

BASIS

In effect of resolutions 2022-13 and 2022-14, it becomes necessary to amend main contract, Articles III and V of main contract with B2Z Engineering, LLC. The Authority considers and approves Resolution 2022-15 for Contract Amendment Number 1 to the Professional Services Agreement with B2Z Engineering. to increase the maximum amount payable amount from \$201,143.26 to \$1,946,662.66 for a total increase of \$1,745,519.40 for Work Authorization Number 1 Supplemental 1 and Work Authorization Number 2.

RECOMMENDATION

Staff recommends approval of Contract Amendment Number 1 with B2Z Engineering, LLC to increase the maximum amount payable to \$1,946,662.66.



CMT Services **B2Z Engineering**

Environmental

Engineering

Geo-Technical

Surveying

CONTRACT AMENDMENT SUMMARY

RESOLUTION 2022-15

Original Contract Amount **\$ 201,143**

Amendment # **1**

Amount **\$ 1,745,519.40**

Approved Amendments:

Resolution No.	Description	Amount
2021-42	Main Contract Amount for CMT Services	\$ 201,143.26

Subtotal from Cont. Page	<u>\$ 0.00</u>
Contract Amount	\$ 201,143.26

Proposed Amendment		
2022-15	WA1 Supplement1 & WA2- CMT Svc-365 Toll	\$ 1,745,519.40

Goal and Options:

Consideration and Approval of CA Number 1 for WA 1 SA 1 and WA 2 to the Professional Agreement with B2Z Engineering, LLC for CMT Services for the 365 Tollway Project.

Staff is recommending approval of this request in the amount of \$ 1,745,519.40 for a Revised Maximum Payable Amount of \$ 1,946,662.66

R. Navarro, Const Eng

Requested by:

HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

BOARD RESOLUTION No. 2022-15

**CONSIDERATION AND APPROVAL OF CONTRACT AMENDMENT NUMBER 1 WITH
B2Z ENGINEERING TO INCREASE THE MAXIMUM PAYABLE AMOUNT FOR WORK
AUTHORIZATION NUMBER 1 SUPPLEMENTAL NUMBER 1 AND WORK
AUTHORIZATION NUMBER 2 FOR MATERIAL TESTING SERVICES ON THE 365
TOLLWAY PROJECT**

THIS RESOLUTION is adopted this 22nd day of February, 2022, by the Board of Directors of the Hidalgo County Regional Mobility Authority at a regular meeting.

WHEREAS, the Hidalgo County Regional Mobility Authority (the “Authority”), acting through its Board of Directors (the “Board”), is a regional mobility authority created pursuant to Chapter 370, Texas Transportation Code, as amended (the “Act”);

WHEREAS, the Authority is authorized by the Act to address mobility issues in and around Hidalgo County;

WHEREAS, on February 19, 2014, the Authority issued a solicitation for Statements of Qualification for Construction Material Testing Services for the Authority (the “Solicitation”); and

WHEREAS, on March 21, 2014 the Authority received responses to the Solicitation; and

WHEREAS, on April 23, 2014, Resolution 2014-38 authorized Authority staff to negotiate and enter into agreements with the top three scored firms (Raba Kistner Consultants Inc., L&G Laboratories and Terracon Consultants, Inc.) for Construction Material Testing Services (the “Services”); and

WHEREAS, on July 24, 2018, Resolution 2018-45 authorized Authority staff to procure one additional lab to provide additional Services; and

WHEREAS, on July 29, 2018, the Authority published a second Solicitation; and received three (3) responses, of which only one was deemed responsive;

WHEREAS, on September 25, 2018, the Authority authorized staff to negotiate contract terms for the Services to PaveTex Engineering LLC, dba PAVETEX, the sole responsive firm that met the professional services criteria set forth in the Solicitation;

WHEREAS, on August 21, 2020, the Authority received five (5) sealed statements of qualification packets. An internal committee of three HCRMA staff engineers ranked and reviewed; the Authority determined it necessary to negotiate contract terms to enter into negotiations with each of the ranked firms and further approach Board with recommended award and distribution of work in accordance to acceptable terms and conditions of assignments; and

WHEREAS on October 27, 2020, the Authority approved Resolution 2020-28 Approval to enter into negotiations with each of the short-listed firms for Construction Material Testing for the Hidalgo County Regional Mobility Authority and further approach Board with recommended award and distribution of work in accordance to acceptable terms and conditions of assignments; and

WHEREAS on September 28, 2021 the Authority approved Resolution 2021-42 Approval of Award of Contract by and between the B2Z Engineering, LLC, and the Hidalgo County Regional Mobility Authority for Construction Material Testing Services; and Resolution 2021-43 Work Authorization 1 to the Professional Service Agreement with B2Z Engineering, LLC, for Construction Material Testing in the 365 Tollway Project in the amount of \$201,143.26.

WHEREAS on February 22, 2022 the Authority approved Resolution 2022-13 Supplemental Work Authorization #1 to Work Authorization #1 for Construction Material Testing Services to B2Z Engineering for implementation of the new IBWC Testing Requirements in the amount of \$1,668,747.42; and

WHEREAS on February 22, 2022 the Authority approved Resolution 2022-14 Work Authorization #2 for Construction Material Testing Services to B2Z Engineering, LLC. for providing construction materials testing to collect, test, analyze and report existing geotechnical properties for the proposed parameters of the wetland mitigation project in the amount of \$76,771.98; and

WHEREAS the Authority considers and approves Resolution 2022-15 for Contract Amendment Number 1 to the Professional Services Agreement with B2Z Engineering to increase the maximum amount payable amount from \$201,143.26 to \$1,946,662.66 for a total increase of \$1,745,519.40 for Work Authorization Number 1 Supplemental 1 and Work Authorization Number 2.

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 Contract Amendment 3 to the Professional Services Agreement with B2Z Engineering, Inc. for Work Authorization 1 Supplement 1 and Work Authorization 2 to increase the maximum amount payable to \$1,946,662.66 (hereto attached as Exhibit A).
- Section 3. The Board authorizes the Executive Director to execute Contract Amendment Number 1 with B2Z Engineering, LLC, as approved by the Board.

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 22nd day of February 2022, at which meeting a quorum was present.

S. David Deanda, Jr., Chairman

Ezequiel Reyna, Jr., Secretary/Treasurer

Exhibit A

Contract Amendment Number 1 to the

Professional Service Agreement with

B2Z Engineering, LLC. for

Construction Material Testing Services

ATTACHMENT D-3

CONTRACT AMENDMENT NO. 1

TO PROFESSIONAL SERVICES AGREEMENT FOR ENGINEERING / DESIGN SERVICES

THIS SUPPLEMENTAL AGREEMENT NO. 1 TO MAIN CONTRACT is made pursuant to the terms and conditions of "Article III Compensation & Article V Work Authorizations of that certain Professional Services Agreement for Engineering Services" (the Agreement) entered into by and between the Hidalgo County Regional Mobility Authority (Authority), and B2Z Engineering, LLC.

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 \$201,143.26 to \$1,946,662.66 for a total increase of \$1,745,519.40 for SA#1 to Work Authorization No. 1 and Work Authorization No. 2 for Construction Material Testing Services.

This Supplemental Agreement No. 1 to the Main Contract shall become effective on the date of final execution of the parties hereto. All other terms and conditions of the Agreement not hereby amended are to remain in full force and effect.

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

THE ENGINEER

(Signature)

Aisha Gonzalez

President

(Title)

(Date)

THE AUTHORITY

(Signature)

Pilar Rodriguez

(Printed Name)

Executive Director

(Title)

(Date)