

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](#)

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

1. Agenda Item: **REPORT ON PROGRAM MANAGER ACTIVITY FOR 365 TOLLWAY PROJECT AND IBTC ENVIRONMENTAL CLEARANCE DOCUMENT**
2. Nature of Request: (Brief Overview) Attachments: X 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 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: X Approved Disapproved None
12. Chief Construction Engineer's Recommendation: Approved Disapproved X None
13. Executive Director's Recommendation: X 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

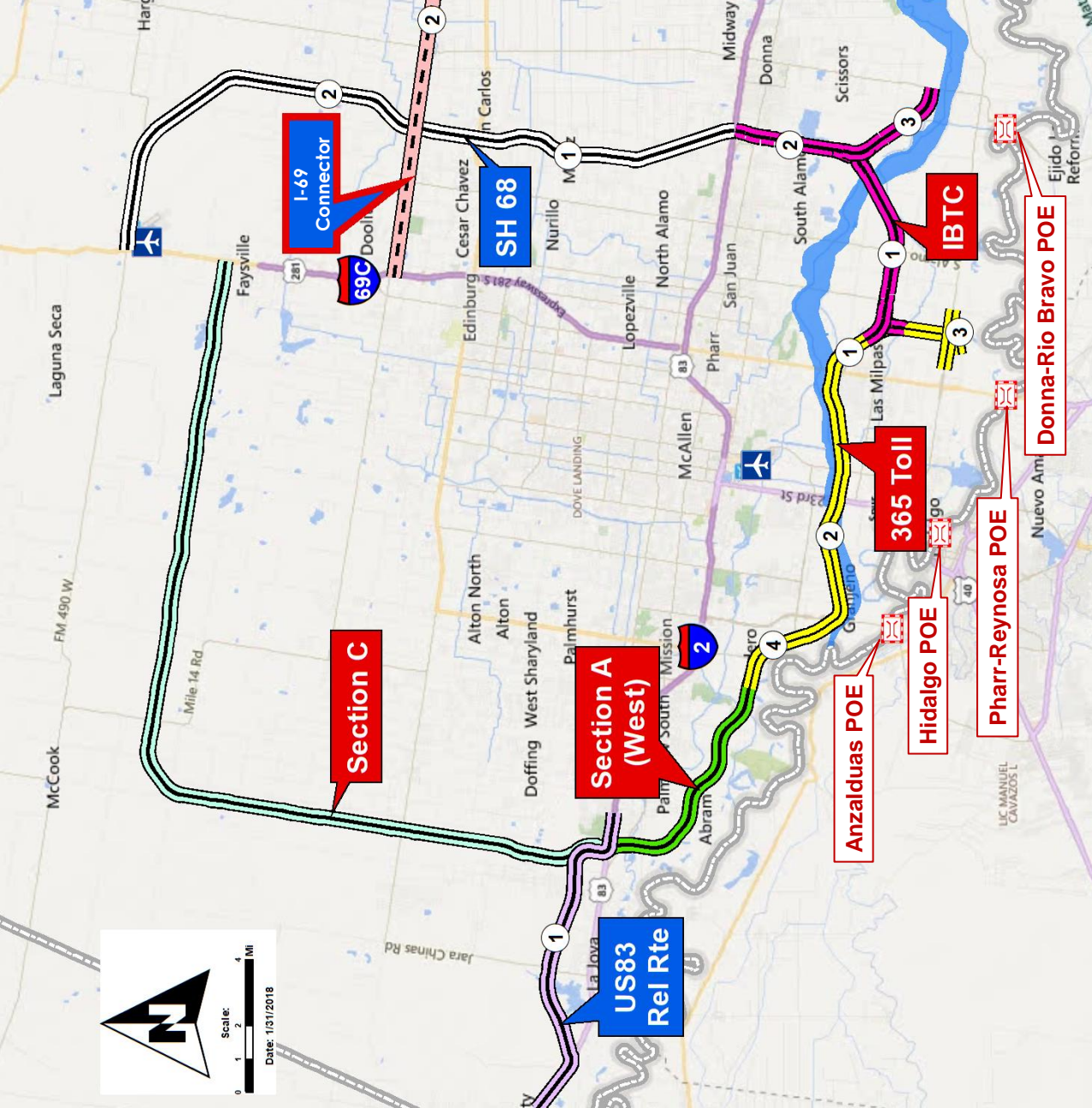
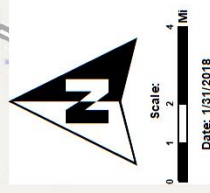
MISSION STATEMENT:

“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



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

SYSTEM WIDE

PDA – Project Development Agreement

FAA – Financial Assistance Agreement

TIP – Transportation

Improvement Program (Short range)

MTP – Metropolitan

Transportation Plan (Long Range)





MAJOR MILESTONES:

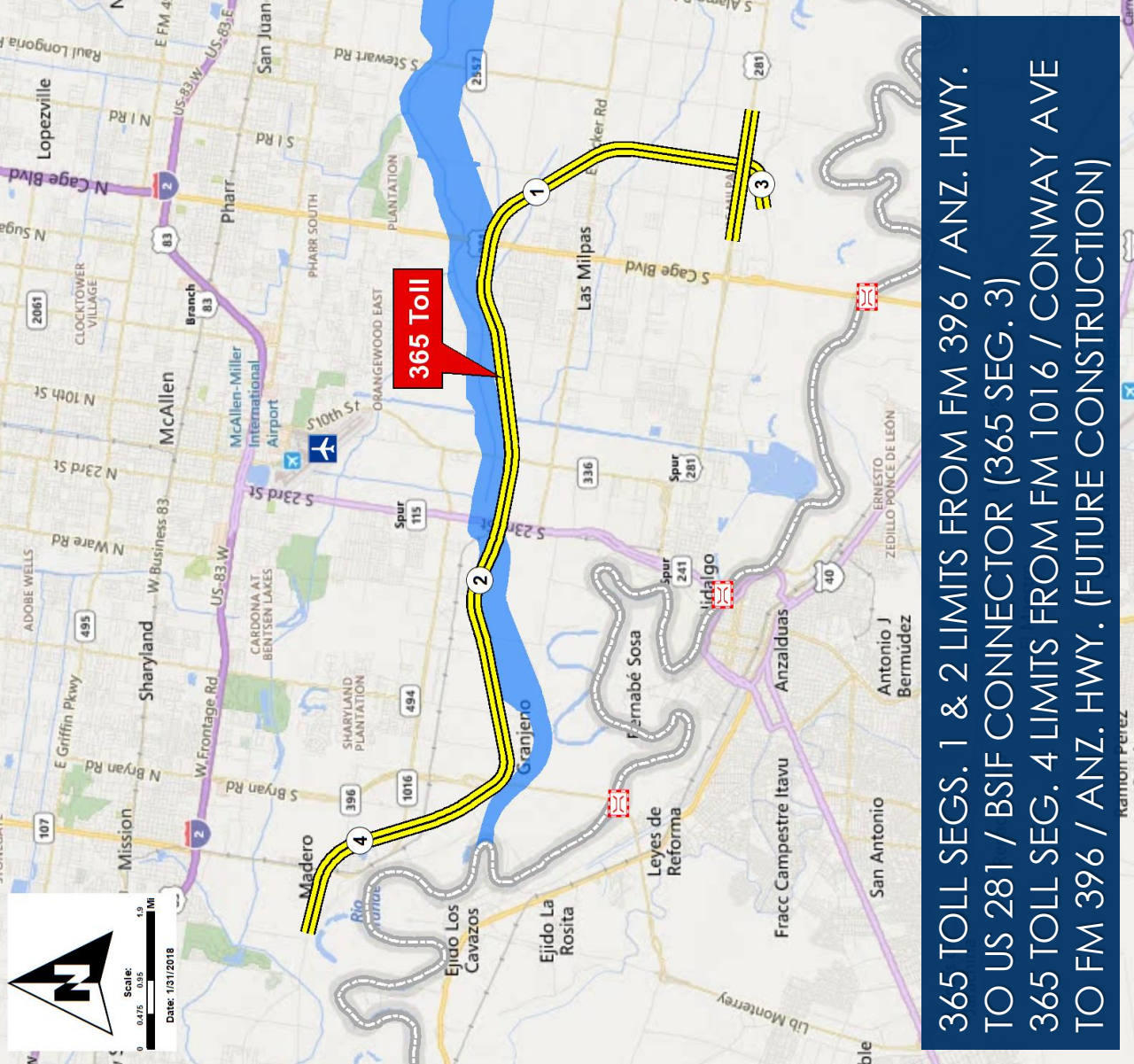
NEPA CLEARANCE
07/03/2015
98% ROW ACQUIRED

PH 1: 365 SEG. 3 –
LET: 08/2015
COMPLETED

PH 2: 365 TOLL
SEGS. 1 & 2 –
RE-LET: 10/2021



HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY



365 TOLL SEGS. 1 & 2 LIMITS FROM FM 396 / ANZ. HWY. TO US 281 / BSIF CONNECTOR (365 SEG. 3)
365 TOLL SEG. 4 LIMITS FROM FM 1016 / CONWAY AVE TO FM 396 / ANZ. HWY. (FUTURE CONSTRUCTION)

► SCHEDULE:

365

~~■ 08/08/2021 – 10/13/2021, HCRMA advertises the 365 Toll (10 days), hold prebid 08/31/2021, and opened bids 10/13/2021,~~

~~■ 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 rating 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.

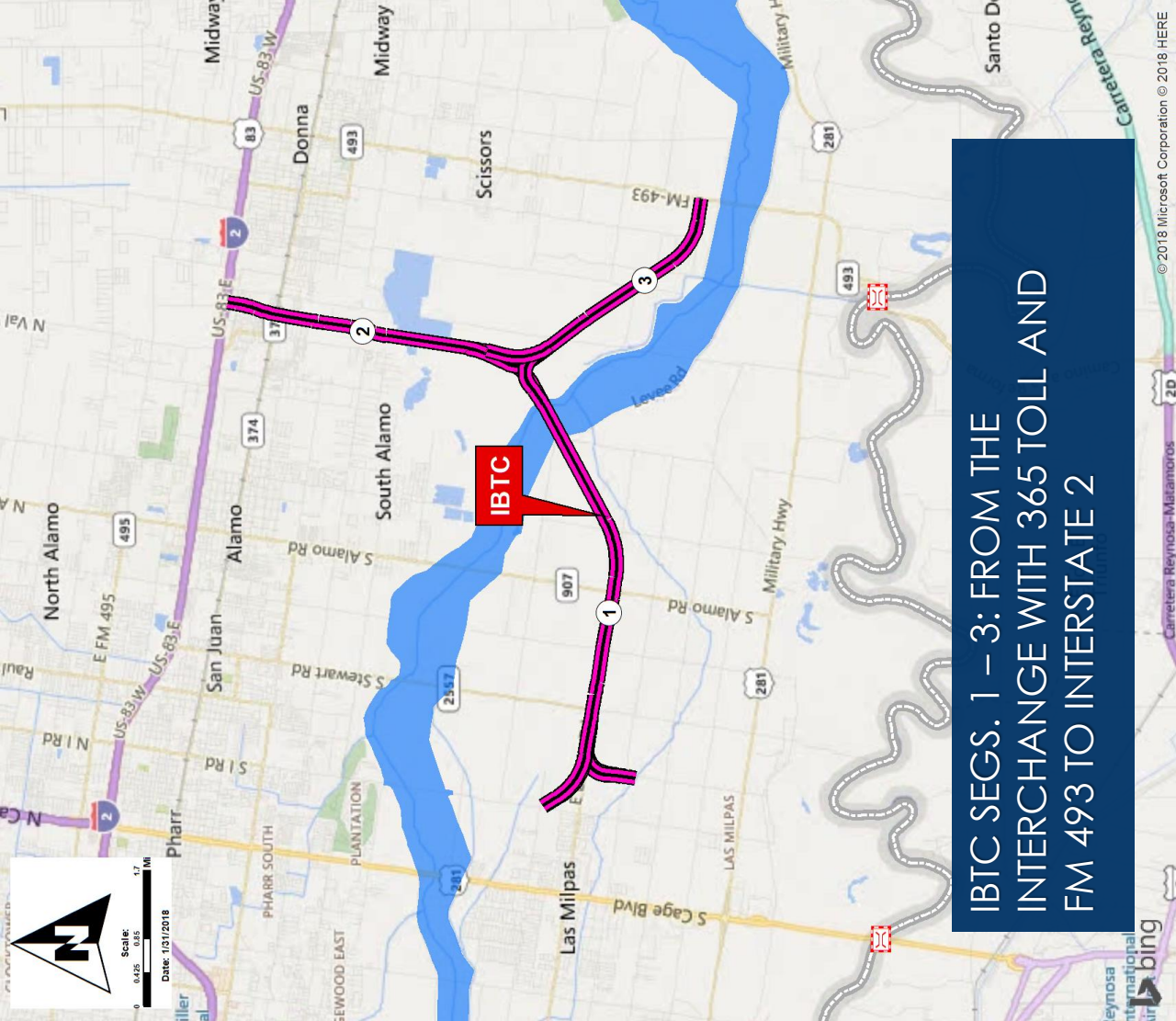


IBTC

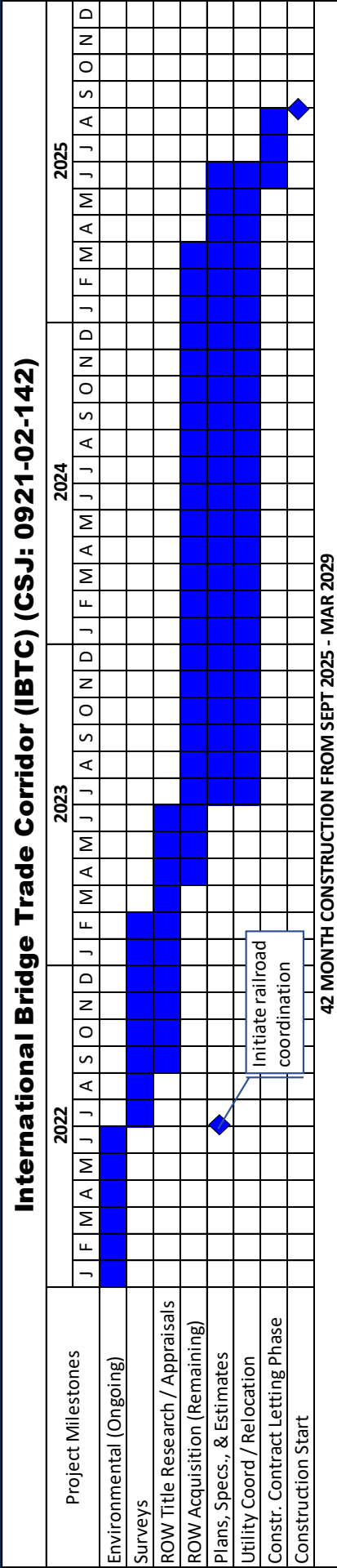
MAJOR MILESTONES:

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

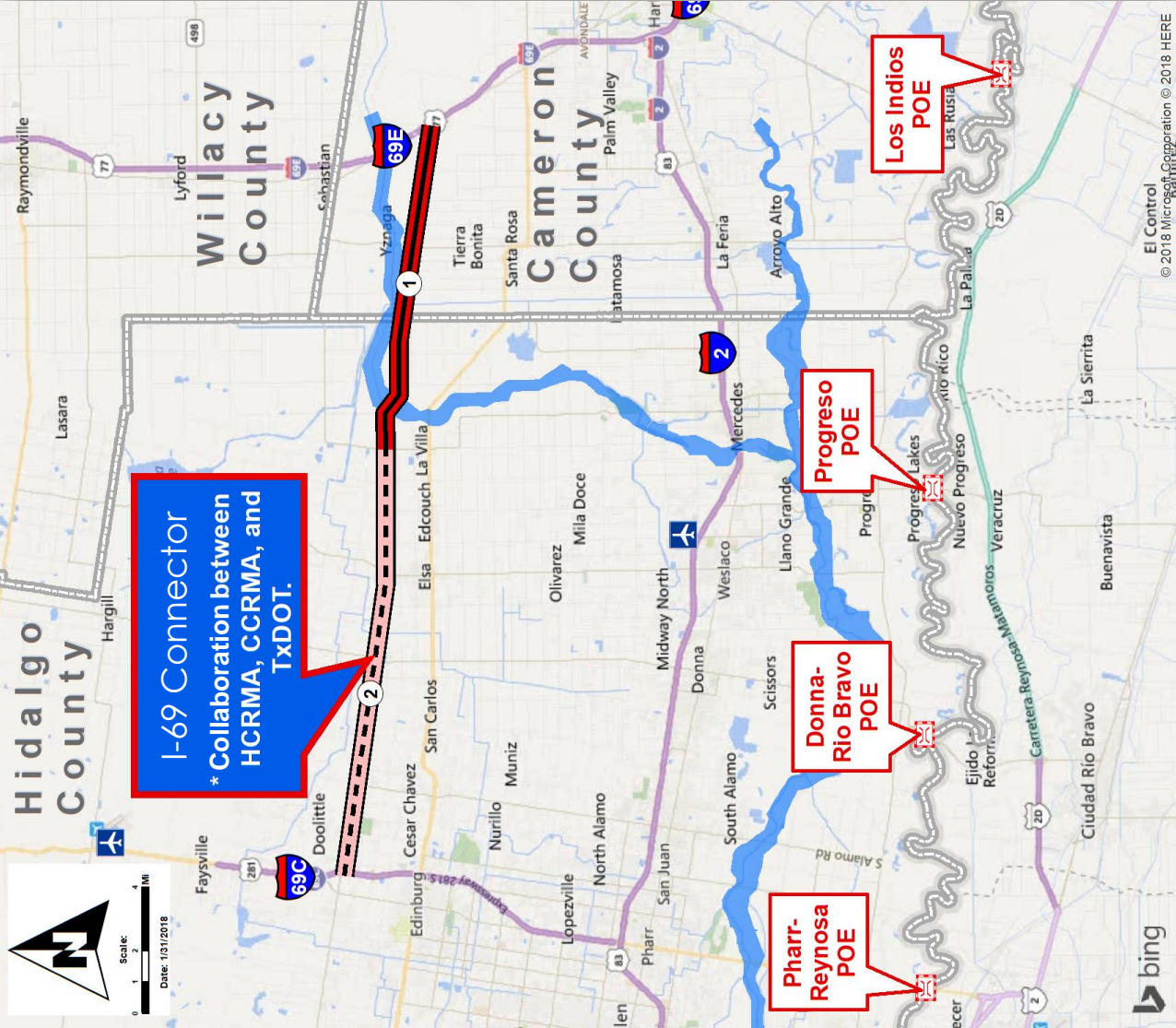


► ADVANCE PLANNING

- ❑ 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.

SECTION A(WEST) / SECTION C
***COMPLIMENTS PROPOSED MISSION/MADERO-REYNOSA**
INTERNATIONAL BORDER CROSSING (BY OTHERS)

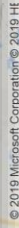
COMBINED PROJECT LENGTH:
38 MILES FROM FM 1016 / CONWAY AVE
(MISSION/MADERO) TO I-69C (NORTH EDINBURG)

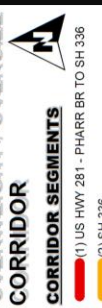
POTENTIAL FOR CLASS I RAIL WITHIN THE ROW
PENDING DEVELOPMENTS FOR RAIL CROSSING IN
MISSION AREA:

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.

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

FEASIBILITY STUDIES ONGOING.





CORRIDOR SEGMENTS

- (1) US HWY 281 - PHARR BR TO SH 336
(2) SH 336
(3) FM 1016
(4) TRINITY RD
(5) FM 396
(6) FM 2061
(7) US HWY 281 - PHARR BR TO SP 29
(8) SPUR 29
(9) DOFFIN CANAL RD
(10) SAN JUAN - FM 2567
(11) SAN JUAN - FM 3072
(12) PHARR - US 281 CAGE BLVD
(13) US 281 MIL HWY - SP 29 TO FM 1015
(14) FM 1015 - PROGRESSO BR TO MI 9 N
(15) US 83 BUS - FM 1015 TO BRIDGE AVE
- Scale: 0 0.5 1 2 miles
- Author: Eric Davila, PE, PMP, CFM Date: 3/7/2019

Scale: 0 0.5 1 2

Author: Eric Davila, PE, PMP, CFM Date: 3/7/2019



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

► **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

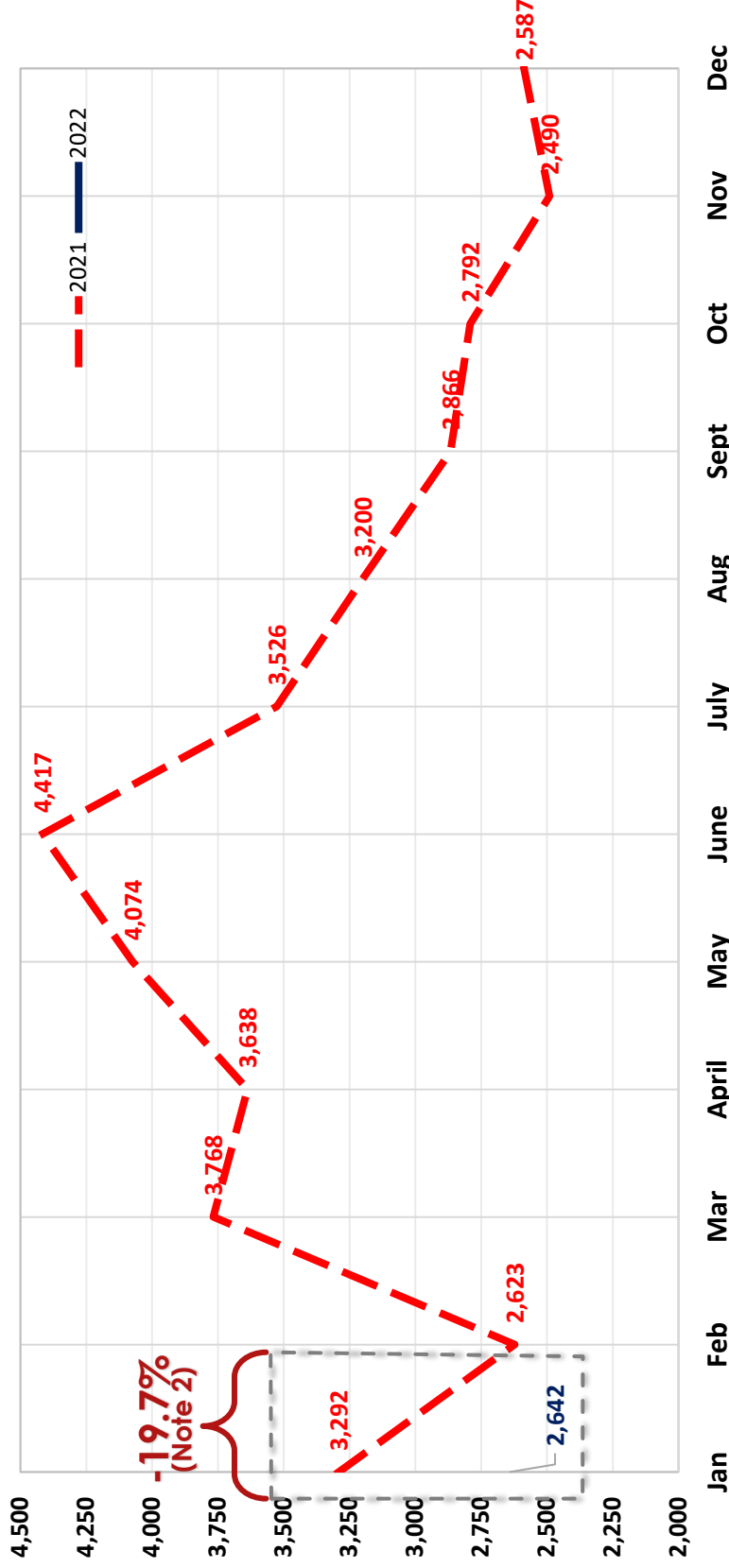
OW

| | |
|--------------------------------|-------------------|
| 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

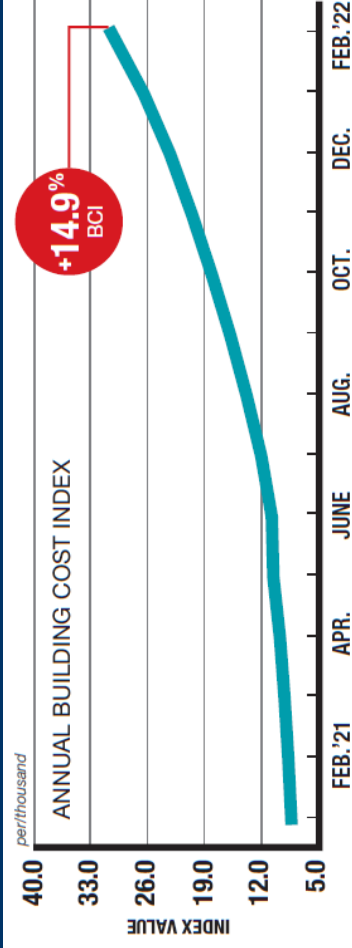
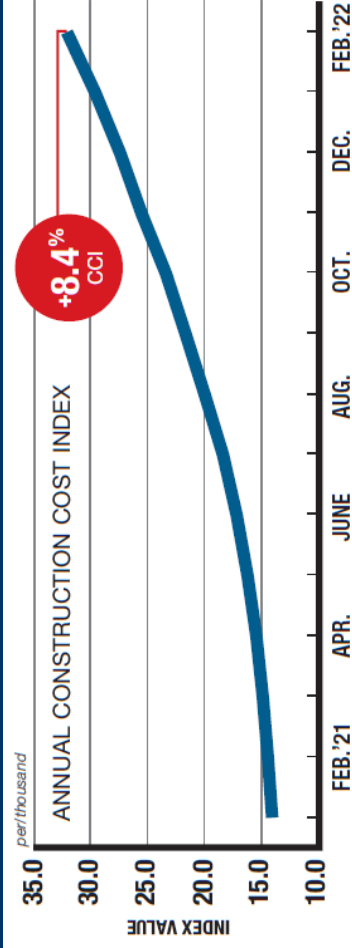
Overweight/Oversized Permit Count
2021 - 2022 Monthly Comparison



Notes:

1. The permit count for 2021 (39,273) ended with a +9.0% (increase) compared to 2020 (36,040).
2. Monthly permit count of 2,642 represents a -19.7% (decrease) compared to the same month in 2020.

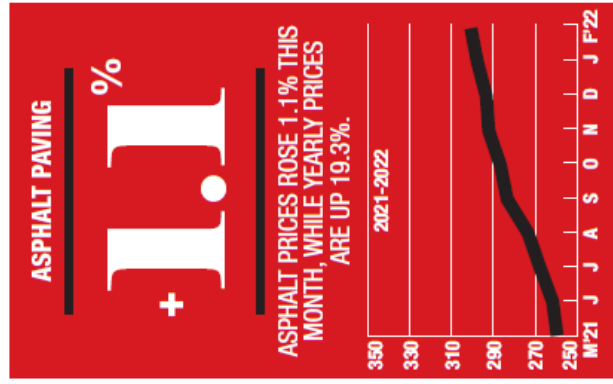
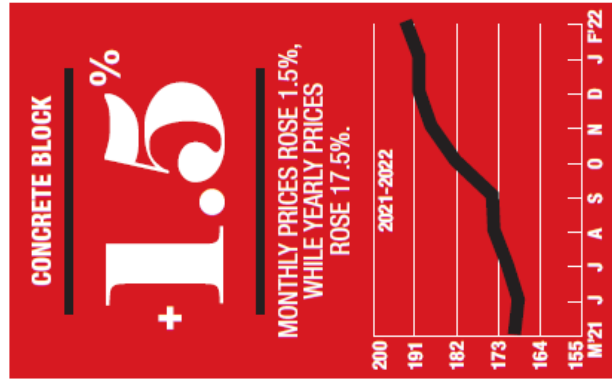
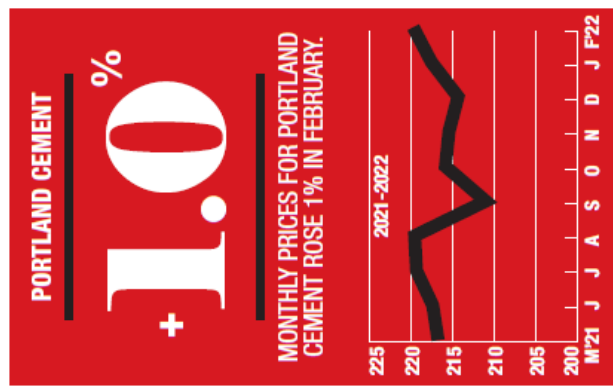
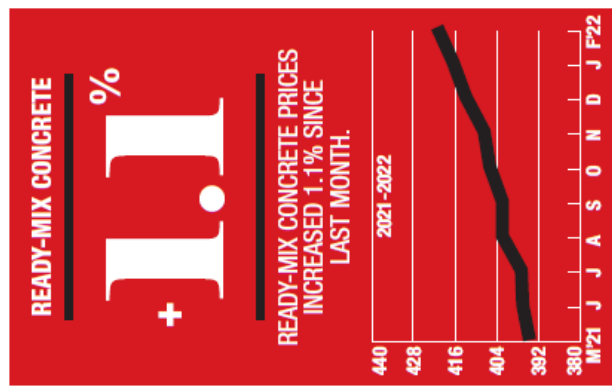
Construction Cost Index (CCI) Change (%) Year-to-Year for the current month



20-CITY AVERAGE

| ITEM | UNIT | \$PRICE | %MONTH | %YEAR |
|------------------------------|------|---------|--------|-------|
| ASPHALT PAVING | | | | |
| PG 58 | TON | 475.65 | +1.1 | +19.3 |
| Cutback, MC800 | TON | 389.33 | -0.3 | +5.1 |
| Emulsion, RAPID SET | TON | 364.24 | -0.3 | +2.9 |
| Emulsion, SLOW SET | TON | 379.57 | -0.1 | +3.9 |
| PORTLAND CEMENT | | | | |
| Type one | TON | 155.31 | +1.0 | +3.8 |
| MASONRY CEMENT | | | | |
| 70-lb bag | TON | 11.13 | -0.5 | +2.1 |
| CRUSHED STONE | | | | |
| Base course | TON | 15.32 | +3.1 | +21.7 |
| Concrete course | TON | 15.31 | +3.0 | +30.3 |
| Asphalt course | TON | 16.35 | +3.2 | +19.1 |
| SAND | | | | |
| Concrete | TON | 14.12 | +3.6 | +33.8 |
| Masonry | TON | 14.54 | +0.7 | +15.9 |
| READY-MIX CONCRETE | | | | |
| 3,000 psi | CY | 136.66 | +1.1 | +9.3 |
| 4,000 psi | CY | 146.29 | +0.7 | +3.5 |
| 5,000 psi | CY | 183.51 | +0.1 | -3.7 |
| CONCRETE BLOCK | | | | |
| Normal weight: 8" x 8" x 16" | C | 182.12 | +1.5 | +17.5 |
| Lightweight: 8" x 8" x 16" | C | 170.15 | +1.0 | +6.8 |
| 12" x 8" x 16" | C | 262.46 | +1.6 | +43.5 |

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

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 | <u> X </u> | AGENDA ITEM | <u> 2C </u> |
| PLANNING COMMITTEE | <u> </u> | DATE SUBMITTED | <u> 02/15/22 </u> |
| FINANCE COMMITTEE | <u> </u> | MEETING DATE | <u> 02/22/22 </u> |
| TECHNICAL COMMITTEE | <u> </u> | | |

1. Agenda Item: APPROVAL OF THE FINANCIAL REPORT FOR THE MONTHS OF DECEMBER 2021 AND JANUARY 2022
2. Nature of Request: (Brief Overview) Attachments: X 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 X 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 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: Approved Disapproved X None
12. Chief Construction Engineer's Recommendation: Approved Disapproved X None
13. Executive Director's Recommendation: X 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 |
| Promiles-Prepaid/Escrow Overweight Permit Fees | 122,300 |
| Accounts Receivable - VR Fees | 525,140 |
| Accounts Receivable - Promiles | 6,831 |
| Prepaid expense | 18,198 |
| Prepaid bond insurances | 298,229 |
| Total Current Assets | 4,467,014 |
| RESTRICTED ASSETS | |
| Construction 2020A Series | 5,001,700 |
| Investment-2020 debt service | 206,079 |
| Investment-debt service | 125,120 |
| Investment-debt service jr. lien | 6,255,930 |
| Total Restricted Assets | 11,588,829 |
| 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 | (193,927) |
| Total Capital Assets | 130,235,910 |
| DEFERRED OUTFLOW OF RESOURCES | |
| Deferred charges on refunding | 4,102,032 |
| Total Deferred Outflows | 4,102,032 |
| TOTAL ASSETS and DEFERRED OUTFLOWS OF RESOURCES | \$ 150,393,785 |

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 | 45,256 |
| Total Current Liabilities | 516,083 |
| 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 | 1,360,000 |
| Total Restricted Liabilities | 2,431,273 |
| 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 | 1,255,852 |
| Total Long-Term Liabilities | 92,381,765 |
| Total Liabilities | 95,329,121 |
| NET POSITION | |
| Investment in Capital Assets, Net of Related Debt | 44,428,305 |
| Restricted for: | |
| Debt Service | 4,155,856 |
| Unrestricted | 6,480,503 |
| Total Net Position | 55,064,664 |
| TOTAL LIABILITIES AND NET POSITION | \$ 150,393,785 |



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 RECIEVABLES-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 - ENVIORNMENTAL | 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: | 138,777,412.02 |
| | | <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: | 94,917,573.61 |
| Equity | | |
| <u>41-3-3400-000</u> | FUND BALANCE | 41,689,825.95 |
| | Total Beginning Equity: | 41,689,825.95 |
| 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): | 43,859,838.41 |
| | 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- 2020 DEBT SVC | 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 | MAINTENANCE & 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

2/2/2022

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 | MISC0000807 | 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

Bank Statement

General Ledger

02/2/22

| | | | |
|-------------------|--------------|--------------------------|--------------|
| Beginning Balance | 3,378,139.99 | Account Balance | 3,378,351.36 |
| Plus Debits | 211.37 | Less Outstanding Debits | 0.00 |
| Less Credits | 0.00 | Plus Outstanding Credits | 0.00 |
| Adjustments | 0.00 | Adjustments | 0.00 |
| Ending Balance | 3,378,351.36 | 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 | INT0000857 | 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 | <u>6,587,128.74</u> |
| 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 | | | | | | |
| <u>42-4-1506-000</u> | INTEREST INCOME | 0.00 | 0.00 | 28.12 | 182.06 | -182.06 |
| <u>42-4-1506-001</u> | INTEREST INCOME-JR LIEN | 0.00 | 0.00 | 391.38 | 4,499.98 | -4,499.98 |
| <u>42-4-1506-002</u> | INTEREST 2020 SERIES | 0.00 | 0.00 | 105.84 | 178.27 | -178.27 |
| <u>42-4-1999-000</u> | 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 | | | | | | |
| <u>42-52900-4703-001</u> | INTEREST EXPENSE-VRF 13 BOND | 0.00 | 0.00 | 107,329.17 | 187,100.17 | -187,100.17 |
| <u>42-52900-4703-003</u> | INTEREST EXPENSE-SIB BOND | 0.00 | 0.00 | 68,184.42 | 477,290.85 | -477,290.85 |
| <u>42-52900-4703-005</u> | INTEREST EXPENSE- 2020 SERIES | 0.00 | 0.00 | 970,910.36 | 1,664,699.89 | -1,664,699.89 |
| <u>42-52900-4727-000</u> | 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): | | 0.00 | 0.00 | -2,925,098.31 | 658,720.54 | |
| Total Surplus (Deficit): | | 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

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

02/2/2022

Bank Statement

| | |
|-------------------|--------------|
| Beginning Balance | 6,255,539.10 |
| Plus Debits | 391.38 |
| Less Credits | 0.00 |
| Adjustments | 0.00 |
| Ending Balance | 6,255,930.48 |

General Ledger

| | |
|--------------------------|--------------|
| Account Balance | 6,255,930.48 |
| Less Outstanding Debits | 0.00 |
| Plus Outstanding Credits | 0.00 |
| Adjustments | 0.00 |
| Adjusted Account 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 | INT0000860 | Interest | TO RECORD INTEREST ON RMC DEBT SERVICE | 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

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 |

02/2/22

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> | |
| Equity | | | |
| <u>45-3-1400-000</u> | Fund Balance | -19,007.46 | |
| | Total Beginning Equity: | <u>-19,007.46</u> | |
| Total Revenue | | 1,054,012.51 | |
| Total Expense | | <u>1,157,736.97</u> | |
| Revenues Over/Under Expenses | | -103,724.46 | |
| | Total Equity and Current Surplus (Deficit): | <u>-122,731.92</u> | |
| | Total Liabilities, Equity and Current Surplus (Deficit): | | <u>27,544.09</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: 45 - HCRMA - CAP.PROJECTS FUND | | | | | | |
| Revenue | | | | | | |
| <u>45-4-1506-000</u> | Interest Revenue | 0.00 | 0.00 | 0.68 | 12.51 | -12.51 |
| <u>45-4-1999-000</u> | TRANSFER IN - GENERAL FUND | 0.00 | 0.00 | 135,000.00 | 964,000.00 | -964,000.00 |
| <u>45-4-4710-000</u> | 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 | | | | | | |
| <u>45-52900-8800-000</u> | Consulting & Engineering | 0.00 | 0.00 | 219,430.74 | 816,570.27 | -816,570.27 |
| <u>45-52900-8810-000</u> | SH 365- Enviornmental | 0.00 | 0.00 | 0.00 | 19,646.45 | -19,646.45 |
| <u>45-52900-8810-001</u> | SH 365-Design | 0.00 | 0.00 | -440,070.95 | 0.00 | 0.00 |
| <u>45-52900-8810-003</u> | 365 RIGHT OF WAY | 0.00 | 0.00 | 511,072.47 | 10,183.35 | -10,183.35 |
| <u>45-52900-8810-004</u> | 365 UTILITIES RELOCATION | 0.00 | 0.00 | -69,858.78 | 1,450.00 | -1,450.00 |
| <u>45-52900-8820-000</u> | IBTC - Enviornmental | 0.00 | 0.00 | 8,259.30 | 91,409.21 | -91,409.21 |
| <u>45-52900-8820-003</u> | IBTC - ROW | 0.00 | 0.00 | 0.00 | 47,030.07 | -47,030.07 |
| <u>45-52900-8841-000</u> | 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 | | | | | | |
| <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): | 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

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 | 5,001,700.90 | |
| | Total Assets: | <u>5,001,700.90</u> | <u>5,001,700.90</u> |
| Liability | | | |
| <u>46-2-1212-000</u> | ACCOUNTS PAYABLE | 43,122.21 | |
| | Total Liability: | <u>43,122.21</u> | |
| Equity | | | |
| <u>46-3-3400-000</u> | FUND BALANCE | 5,660,123.03 | |
| | Total Beginning Equity: | <u>5,660,123.03</u> | |
| Total Revenue | | 3,041.54 | |
| Total Expense | | <u>704,585.88</u> | |
| 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): | | 0.00 | 0.00 | -83,547.17 | -701,544.34 | |
| Total Surplus (Deficit): | | 0.00 | 0.00 | -83,547.17 | -701,544.34 | |



Pharr, TX

Bank Statement Register

INVESTMENTS

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

2/2/22

Bank Statement

General Ledger

| | |
|-------------------|--------------|
| Beginning Balance | 5,044,425.86 |
| Plus Debits | 315.10 |
| Less Credits | 43,040.06 |
| Adjustments | 0.00 |
| Ending Balance | 5,001,700.90 |

| | |
|--------------------------|--------------|
| Account Balance | 5,001,700.90 |
| Less Outstanding Debits | 0.00 |
| Plus Outstanding Credits | 0.00 |
| Adjustments | 0.00 |
| 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 |
| Accounts Receivable - Promiles | 6,831 |
| Prepaid expense | 18,198 |
| Prepaid bond insurances | 298,229 |
| 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 | 7,405,114 |
| Total Restricted Assets | <u>13,026,067</u> |
| CAPITAL ASSETS | |
| Land-ROW | 914,934 |
| Land-environmental | 441,105 |
| Leaschold improvements | 285,923 |
| Office equipment/other | 40,946 |
| Road-BSIF | 3,010,637 |
| Construction in progress | 125,736,292 |
| Accumulated depreciation | (193,927) |
| Total Capital Assets | <u>130,235,910</u> |
| DEFERRED OUTFLOW OF RESOURCES | |
| Deferred charges on refunding | 4,102,032 |
| Total Deferred Outflows | <u>4,102,032</u> |
| TOTAL ASSETS and DEFERRED OUTFLOWS OF RESOURCES | <u><u>\$ 150,561,571</u></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 | 45,256 |
| 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 | 1,360,000 |
| 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 | 1,255,852 |
| 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 | 5,380,393 |
| Total Net Position | <u>55,488,036</u> |
| TOTAL LIABILITIES AND NET POSITION | <u><u>\$ 150,561,571</u></u> |



Pharr, TX

Balance Sheet

Account Summary

As Of 01/31/2022

| Account | Name | Balance |
|---------------------------------|---|------------------------------|
| 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 RECIEVABLES-VR FEES | 502,360.00 |
| <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 - ENVIORNMENTAL | 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: | 137,508,235.29 |
| | | <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: | 94,855,385.41 |
| Equity | | |
| <u>41-3-3400-000</u> | FUND BALANCE | 43,859,838.41 |
| | Total Beginning Equity: | 43,859,838.41 |
| Total Revenue | | 565,458.35 |
| Total Expense | | 1,772,446.88 |
| Revenues Over/Under Expenses | | -1,206,988.53 |
| | Total Equity and Current Surplus (Deficit): | 42,652,849.88 |
| | Total Liabilities, Equity and Current Surplus (Deficit): | <u>137,508,235.29</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: 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 | Current | | | Budget |
|--------------------------|---|--------------|--------------|---------------|---------------|---------------|
| | | Total Budget | Total Budget | MTD Activity | YTD Activity | Remaining |
| <u>41-54000-1610-000</u> | 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

General Ledger

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

| | |
|--------------------------|-----------|
| 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 | DEP0033353 | Deposit | RMA WT 106912-000 | 194,341.40 |
| 01/31/2022 | DEP0033403 | Deposit | TO RECORD RMA PLAINS CAPITAL BANK DEB | 12,663.00 |
| 01/31/2022 | DEP0033404 | Deposit | TO RECORD RMA PLAINS CAPITAL BANK DEB | 13,662.00 |
| 01/31/2022 | DEP0033405 | Deposit | TO RECORD RMA PLAINS CAPITAL BANK DEB | 19,629.00 |
| 01/31/2022 | DEP0033406 | Deposit | TO RECORD RMA PLAINS CAPITAL BANK DEB | 16,929.00 |
| 01/31/2022 | DEP0033434 | 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 | 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 Cleared Checks (3) | | | | -3,896.26 |

Cleared Other

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

| Bank Statement | | General Ledger | |
|-------------------|--------------|--------------------------|--------------|
| Beginning Balance | 3,378,351.36 | Account Balance | 2,154,879.01 |
| Plus Debits | 425.02 | Less Outstanding Debits | 0.00 |
| Less Credits | 1,223,897.37 | Plus Outstanding Credits | 0.00 |
| Adjustments | 0.00 | Adjustments | 0.00 |
| Ending Balance | 2,154,879.01 | 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 | | | |
| <u>42-1-4105-000</u> | WILMINGTON-DEBT SERVICE | 250,058.78 | |
| <u>42-1-4105-001</u> | DEBT SVC - JR LIEN | 7,405,114.23 | |
| <u>42-1-4105-002</u> | DEBT SERVICE- 2020 SERIES | 411,944.15 | |
| | Total Assets: | 8,067,117.16 | <u>8,067,117.16</u> |
| 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 | 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 | | | | | | |
| <u>42-4-1506-000</u> | INTEREST INCOME | 0.00 | 0.00 | 1.71 | 1.71 | -1.71 |
| <u>42-4-1506-001</u> | INTEREST INCOME-JR LIEN | 0.00 | 0.00 | 497.75 | 497.75 | -497.75 |
| <u>42-4-1506-002</u> | INTEREST 2020 SERIES | 0.00 | 0.00 | 2.66 | 2.66 | -2.66 |
| <u>42-4-1999-000</u> | 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: | | 0.00 | 0.00 | 1,479,988.42 | 1,479,988.42 | |
| 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 |
| Plus Debits | 124,939.21 |
| Less Credits | 0.00 |
| Adjustments | 0.00 |
| Ending Balance | 250,058.78 |

| | |
|--------------------------|------------|
| Account Balance | 250,058.78 |
| Less Outstanding Debits | 0.00 |
| Plus Outstanding Credits | 0.00 |
| Adjustments | 0.00 |
| 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

Bank Statement

General Ledger

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

Account Balance 7,405,114.23
Less Outstanding Debits 0.00
Plus Outstanding Credits 0.00
Adjustments 0.00
Adjusted Account Balance 7,405,114.23

02/16/22

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 | DEP0033326 | 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 | INT0000923 | 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

Bank Statement

General Ledger

| | |
|-------------------|------------|
| Beginning Balance | 206,078.69 |
| Plus Debits | 205,865.46 |
| Less Credits | 0.00 |
| Adjustments | 0.00 |
| Ending Balance | 411,944.15 |

| | |
|--------------------------|------------|
| Account Balance | 411,944.15 |
| Less Outstanding Debits | 0.00 |
| Plus Outstanding Credits | 0.00 |
| Adjustments | 0.00 |
| 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 | <u>DEP0033325</u> | Deposit | RMA WT 143255-001 | 205,865.46 |
| Total Cleared Deposits (1) | | | | 205,865.46 |

02/16/22



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: | <u>27,269.58</u> | <u>27,269.58</u> |
| Liability | | | |
| | Total Liability: | <u>0.00</u> | |
| Equity | | | |
| <u>45-3-1400-000</u> | Fund Balance | -122,731.92 | |
| | Total Beginning Equity: | <u>-122,731.92</u> | |
| Total Revenue | | 150,001.50 | |
| Total Expense | | 0.00 | |
| Revenues Over/Under Expenses | | <u>150,001.50</u> | |
| | 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 | | | | | | |
| <u>45-4-1506-000</u> | Interest Revenue | 0.00 | 0.00 | 1.50 | 1.50 | -1.50 |
| <u>45-4-1999-000</u> | 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

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> | <u>4,958,949.86</u> |
| Liability | | | |
| | Total Liability: | <u>0.00</u> | |
| 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 | | <u>0.00</u> | |
| Revenues Over/Under Expenses | | <u>371.17</u> | |
| | Total Equity and Current Surplus (Deficit): | <u>4,958,949.86</u> | |
| | Total Liabilities, Equity and Current Surplus (Deficit): | | <u><u>4,958,949.86</u></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 | | | | | | |
| <u>46-4-1506-000</u> | 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

Bank Statement

General Ledger

| | |
|-------------------|--------------|
| Beginning Balance | 5,001,700.90 |
| Plus Debits | 371.17 |
| Less Credits | 43,122.21 |
| Adjustments | 0.00 |
| Ending Balance | 4,958,949.86 |

| | |
|--------------------------|--------------|
| Account Balance | 4,958,949.86 |
| Less Outstanding Debits | 43,122.21 |
| Plus Outstanding Credits | 43,122.21 |
| Adjustments | 0.00 |
| 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 | | \$ 597,669.81 |
| 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:

| 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. | |
| | WA No. | |
| | WA No. | |
| | 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.

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 Granjeno, 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.

- 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

- 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 VECsPs

| 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 (List by category of work or task description. Attach additional pages, if necessary.) | Dollar Amount (For each category of work or task description shown.) |
|---|---|
| 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: Blanton & Associates, Inc. Address: 5 Lakeway Centre Court, Suite 200, Austin, TX 78734 VID Number: 74-2845838 PH: 512-264-1095 & FAX: 512-264-1531 Email: dblanton@blantonassociates.com | Name: <u>Don Blanton</u> (Please Print) Title: <u>President</u> <div style="display: flex; justify-content: space-between;"> Signature Date </div> |
| DBE/HUB Sub Provider Subprovider Name: VID Number: Address: PH: Email: | Name: _____ (Please Print) Title: _____ <div style="display: flex; justify-content: space-between;"> Signature Date </div> |
| Second Tier Sub Provider Subprovider Name: VID Number: Address: Phone #& Fax #: Email: | Name: _____ (Please Print) Title: _____ <div style="display: flex; justify-content: space-between;"> Signature Date </div> |

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 | | \$ 597,669.81 |
| 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:

| 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 3C
DATE SUBMITTED 02/11/2022
MEETING DATE 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 | | \$ 389,468.97 |
| Total Approved WA | | \$ 1,407,587.59 |

Proposed Work Authorization and/or Supplemental

2022-11 WA No. 7 Updated 365 Toll VE-Change Proposal **\$ 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:

| 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. | |
| | WA No. | |
| | WA No. | |
| | 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

THE AUTHORITY

(Signature)
David C. Weston

(Printed Name)
Gulf Coast Area Manager

(Title)

(Date)

(Signature)
Pilar Rodriguez, P.E

(Printed Name)
Executive Director

(Title)

(Date)

LIST OF EXHIBITS

Exhibit A Services to be provided by the Authority
Exhibit B Services to be provided by the 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% |
| <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: reoccurring 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 | | | 5 | 5 | | 110 | \$23,964.60 |
| Set up review processes | 2 | | | 2 | 20 | | | | | | | | 2 | 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 |
| | | | | | | | | | | | | | | 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 (List by category of work or task description. Attach additional pages, if necessary.) | Dollar Amount (For each category of work or task description shown.) |
|---|---|
| GEC independent technical review (ITR) VECs | \$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> (Please Print) Title: <u>Gulf Coast Area Manager</u> <div style="display: flex; justify-content: space-between;"> <div>Signature</div> <div>Date</div> </div> |
| DBE/HUB Sub Provider: Subprovider Name: VID Number: Address: PH: Email: | Name: _____ (Please Print) Title: _____ <div style="display: flex; justify-content: space-between;"> <div>Signature</div> <div>Date</div> </div> |
| Second Tier Sub Provider Subprovider Name: VID Number: Address: Phone #& Fax #: Email: | Name: _____ (Please Print) Title: _____ <div style="display: flex; justify-content: space-between;"> <div>Signature</div> <div>Date</div> </div> |

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

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 \$ 0.00

Contract Amount **\$ 1,407,587.59**

Proposed Amendment

| | | |
|---------|------------------------------|----------------------|
| 2022-12 | Contract Amendment 4 for WA7 | \$ 119,970.68 |
|---------|------------------------------|----------------------|

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 3E
DATE SUBMITTED 02/14/2022
MEETING DATE 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
10. Chief Development Engineer's Recommendation: Approved Disapproved X None
11. Chief Construction Engineer's Recommendation: X Approved Disapproved None
12. Executive Director's Recommendation: X Approved Disapproved None



Memorandum

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

From: Ramon Navarro, IV, P.E., C.F.M. 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 • Field density testing of soils and base | | | | | | | | | | |
| | | | | | | | | | | |
| | Test | IBWC 2015 Guide Specs | IBWC 2021 Guide | Additional Assumptions | Unit | QTY 2015 | yr. 2021 | Contract Rate | Total | Total |
| Liquid Limit | Tex-104-E | no requirement | Every 1000 CY | included with PI | Each | | | | | |
| Plasticity Index | Tex-106-E | PI-16 – Every 5,000 CY | Every 1000 CY | | Each | 117 | 600 | \$75.00 | \$8525.00 | \$45,000.00 |
| USCS | ASTM D2487 | | | included with PI | | | | | | |
| Gradation | Tex-110-E | Every 10,000 CY | Every 1000 CY | | Each | 64 | 600 | \$68.00 | \$4352.00 | \$40,800.00 |
| Moisture Density | Tex-114-E | One per Each Material | One per 2,000 CY | | Each | 6 | 300 | \$215.00 | \$1275.00 | \$64,500.00 |
| In-Place Density | Tex-116-E | Every 5,000 CY or 6,000 LF (Min. 1 per lift) | Every 260 CY | | Each | 117 | 2,400 | \$50.00 | \$5850.00 | \$120,000.00 |
| Crumb | ASTM D6672 | no requirement | Every 1000 CY | | Each | 0 | 600 | \$60.00 | \$36,000.00 | \$36,000.00 |
| Pinhole | ASTM D4647 | no requirement | Every 1000 CY | | Each | 0 | 600 | \$400.00 | \$240,000.00 | \$240,000.00 |
| Double Hydrometer | ASTM D4221 | no requirement | Every 1000 CY | | Each | | 600 | \$315.00 | \$189,000.00 | \$189,000.00 |
| Lab Moisture Content | ASMT D2216 | no requirement | Every 20 Density | | Each | | 120 | \$13.00 | \$1560.00 | \$1560.00 |
| Tech Time (Soils) | | | | PI Gr.MD & FD | Hour | 822 | 9,700 | \$68.02 | \$55912.44 | \$659,794.00 |
| # of Trips (Tech) | | 165 Trips | 841 Trips | | Mile | 4240 | 23,075 | \$6.00 | \$25440.00 | \$138,450.00 |
| **Admin/Clerical | | | | | Hour | 244 | 565 | \$61.95 | \$15115.80 | \$35,001.75 |
| Item Subtotal | | | | | | | | | \$ 117,770.24 | \$1,570,105.75 |

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 (CL-ML or any soils other than clay not allowed) | 1,000 cy | |
| | X | D4318 | Atterberg Limits | $PI \geq 15$ (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.



☒ CMT Services **B2Z Engineering, LLC**

☐ 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 |
| | | <hr/> |

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 Supplementals \$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

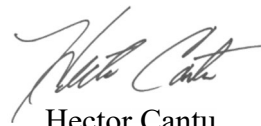
Reference: Hidalgo County RMA SH 365 Toll – CMT Proposal

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) | | | | | | | | |
| <ul style="list-style-type: none"> 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) | | | | | | | | |
| <ul style="list-style-type: none"> 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) | | | | | | | | |
| <ul style="list-style-type: none"> 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 | | | |
| 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 |
| Constuction 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



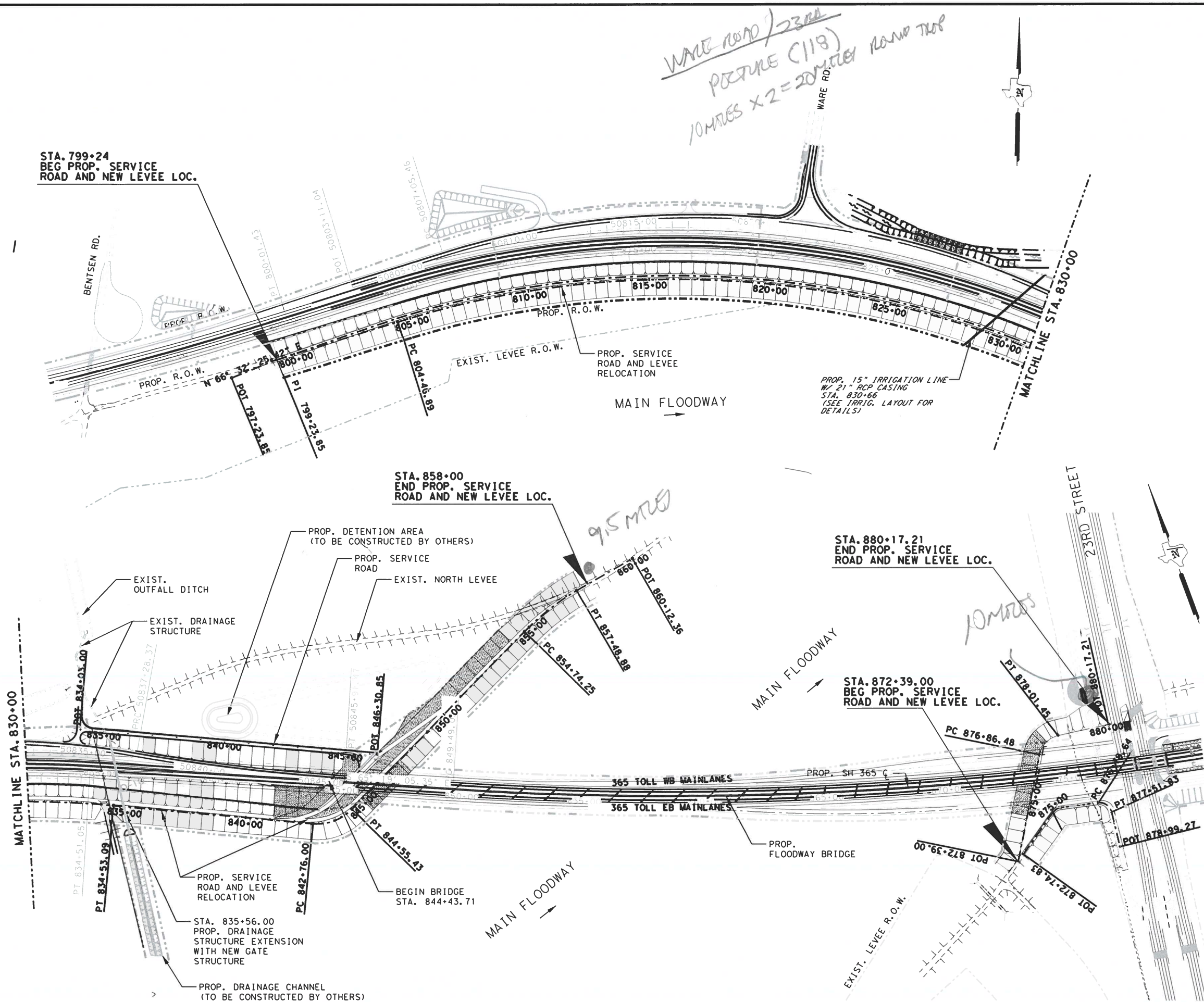
Minimum Levee Testing Requirements

| 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 | $PI \geq 15$ (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

DATE: 6/29/2017 3:42:17 PM
FILE: c:\projects\hcrma\hcrma\work\arnold.trevino\dms34015\SH365_0032_Levee_Pri+Lay.dgn



LEGEND:

- ROAD TO BE OBLITERATED
- EXIST. DRAINAGE STRUCTURE/CHANNEL
- PROP. DRAINAGE STRUCTURE/CHANNEL
- EXIST. IRRIGATION STRUCTURE
- PROP. IRRIGATION STRUCTURE
- PROPOSED CONC. RIPRAP
- DRAINAGE FLOW DIRECTION

CHRISTOPHER R. RODRIGUEZ
107692
PROFESSIONAL ENGINEER
06/29/2017

HCRMA
HIDALGO COUNTY REGIONAL MOBILITY AUTHORITY

Texas Department of Transportation

PROGRAM MANAGEMENT CONSULTANT
DANNENBAUM
ENGINEERING CORPORATION
T.B.P.E. FIRM REGISTRATION #392
1108 NOLANA LOOP, STE 208 MCALLEN, TX 78504 (956) 682-3677

L&G Engineering
Highway / Civil
Structural / Bridge
Environmental
Firm No. - F-4105
2100 W. Expressway 83
Mercedes, TX 79070
Phone: (956) 565-9813
Fax: (956) 565-9078
803 N. Stewart Rd., Box 10
Mission, TX 78572
Phone: (956) 585-1809
Fax: (956) 585-1927

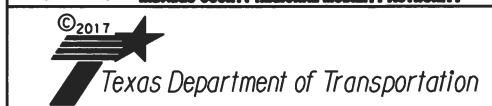
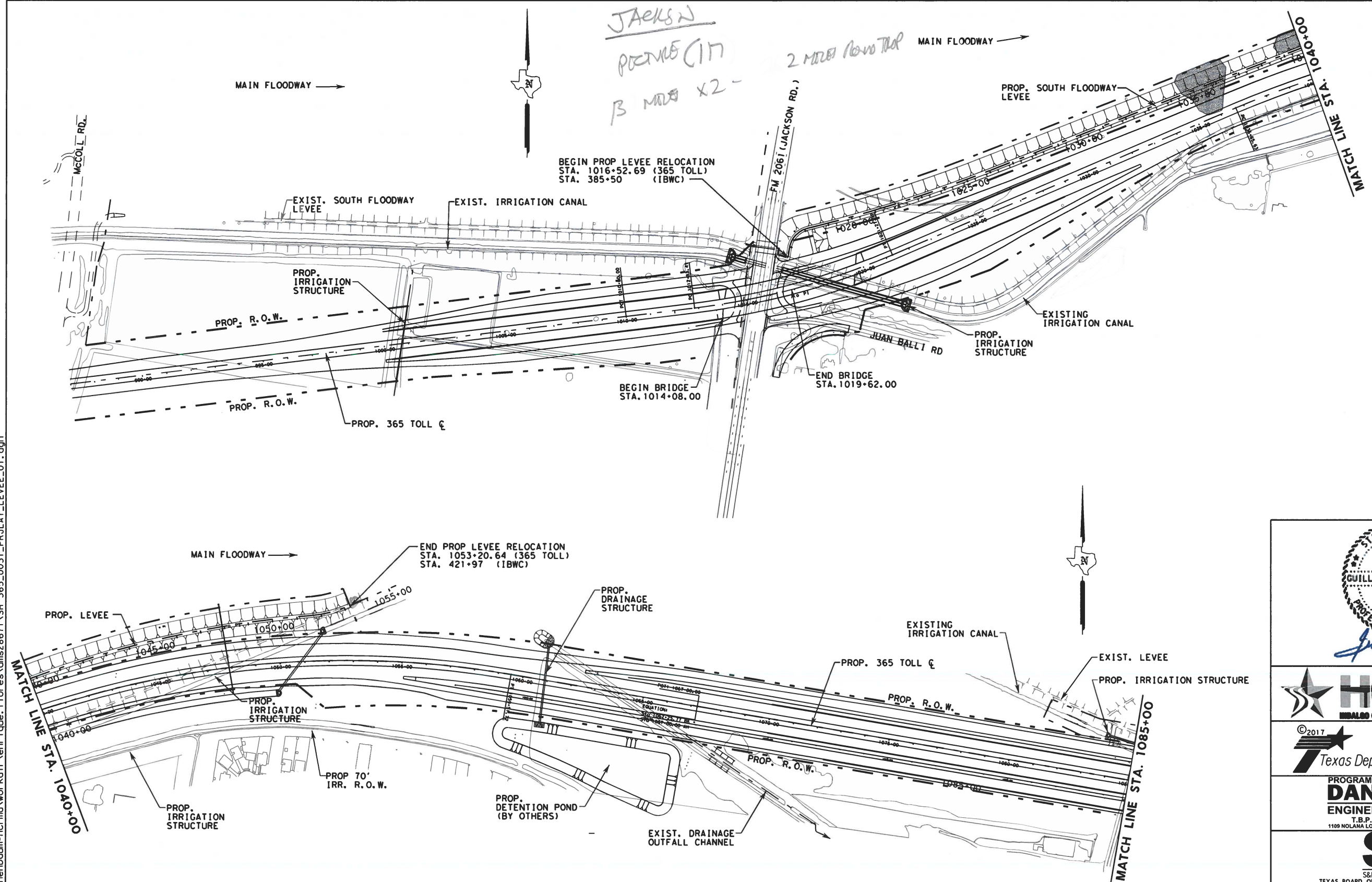
**365 TOLL
LEVEE RELOCATION
LAYOUT SHEET**

SCALE: 1"=400'

SHEET 1 OF 3

| | | | | |
|--------|-------|---------|-----------|----------|
| DN: | CONT: | SECT: | JOB: | HIGHWAY: |
| OK DN: | 0921 | 02 | 368 | 365 TOLL |
| DW: | DIST: | COUNTY: | SHEET NO. | |
| OK DW: | PHR | HIDALGO | 678 | |
| TR: | | | | |
| OK TR: | | | | |

DATE: 7/5/2017 8:14:39 AM
FILE: c:\projectwise\donnenbaum-hcrma\workdir\enr\ique, flores\dms28671\SH 365_0031_PRJLAY_LEVEE_01.dgn



PROGRAM MANAGEMENT CONSULTANT
DANNENBAUM
ENGINEERING CORPORATION
T.B.P.E. FIRM REGISTRATION #392
1109 NOLANA LOOP, STE 200 MCALLEN, TX 78504 (956) 682-3677



365 TOLL
PROJECT LAYOUT
LEVEE RELOCATION
MAIN FLOODWAY-SOUTH LEVEE

| | | | |
|----------------|------|--------------|-----------|
| SCALE: | | SHEET 2 OF 3 | |
| HOR: 1" = 400' | | | |
| DW | CONT | SECT | JOB |
| CK DW | 0921 | 02 | 368 |
| DW | | | 365 TOLL |
| CK DW | DIST | COUNTY | SHEET NO. |
| TR | PHR | HIDALGO | 679 |
| CK TR | | | |

← from Pharr-San Juan-Alamo Independent School...
to B2Z ENGINEERING, 900 S Stewart Rd Suite 4, ...

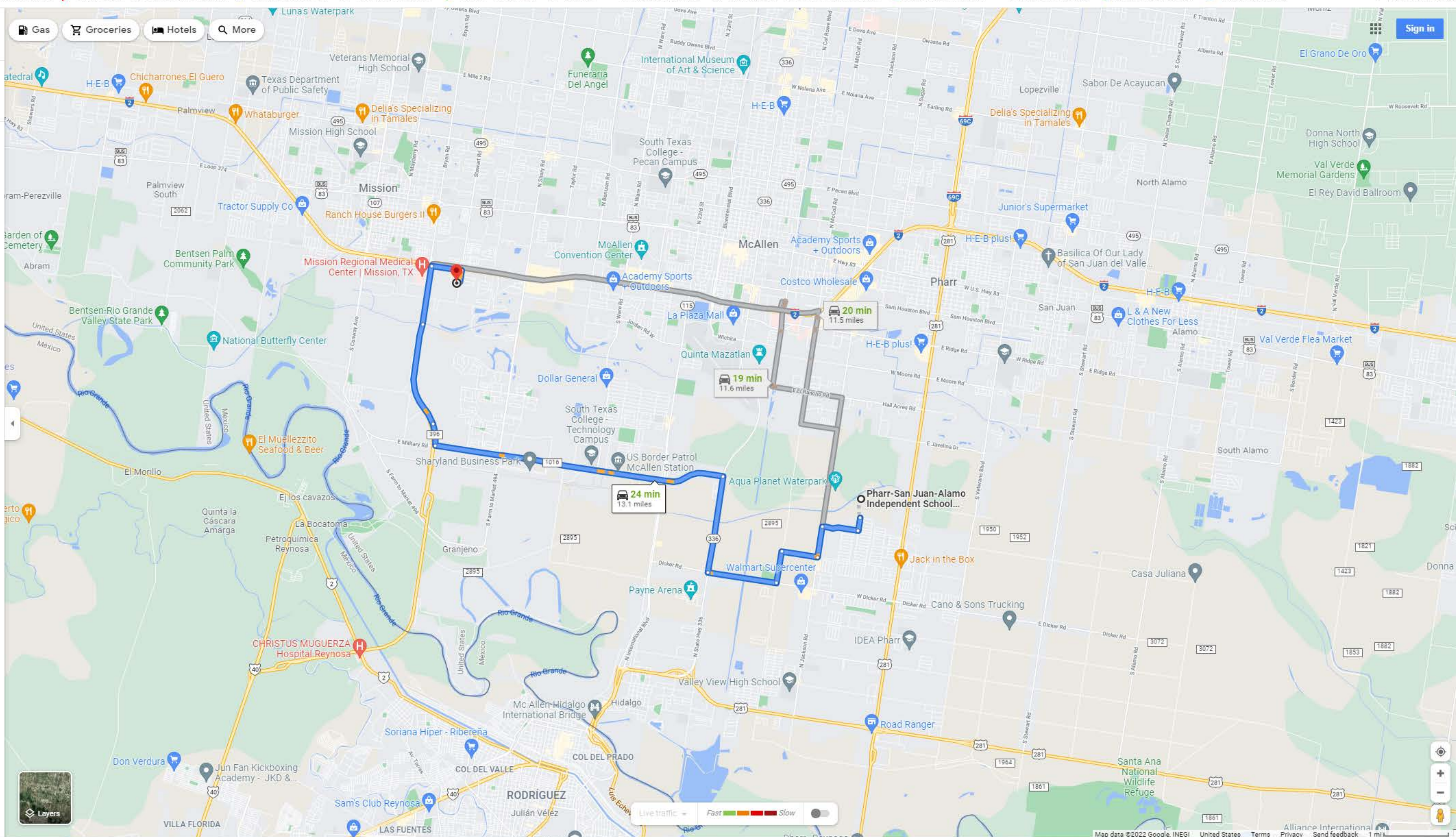
24 min (13.1 miles) via FM 1016 W/W Military Hwy

Pharr-San Juan-Alamo Independent School
District
Texas

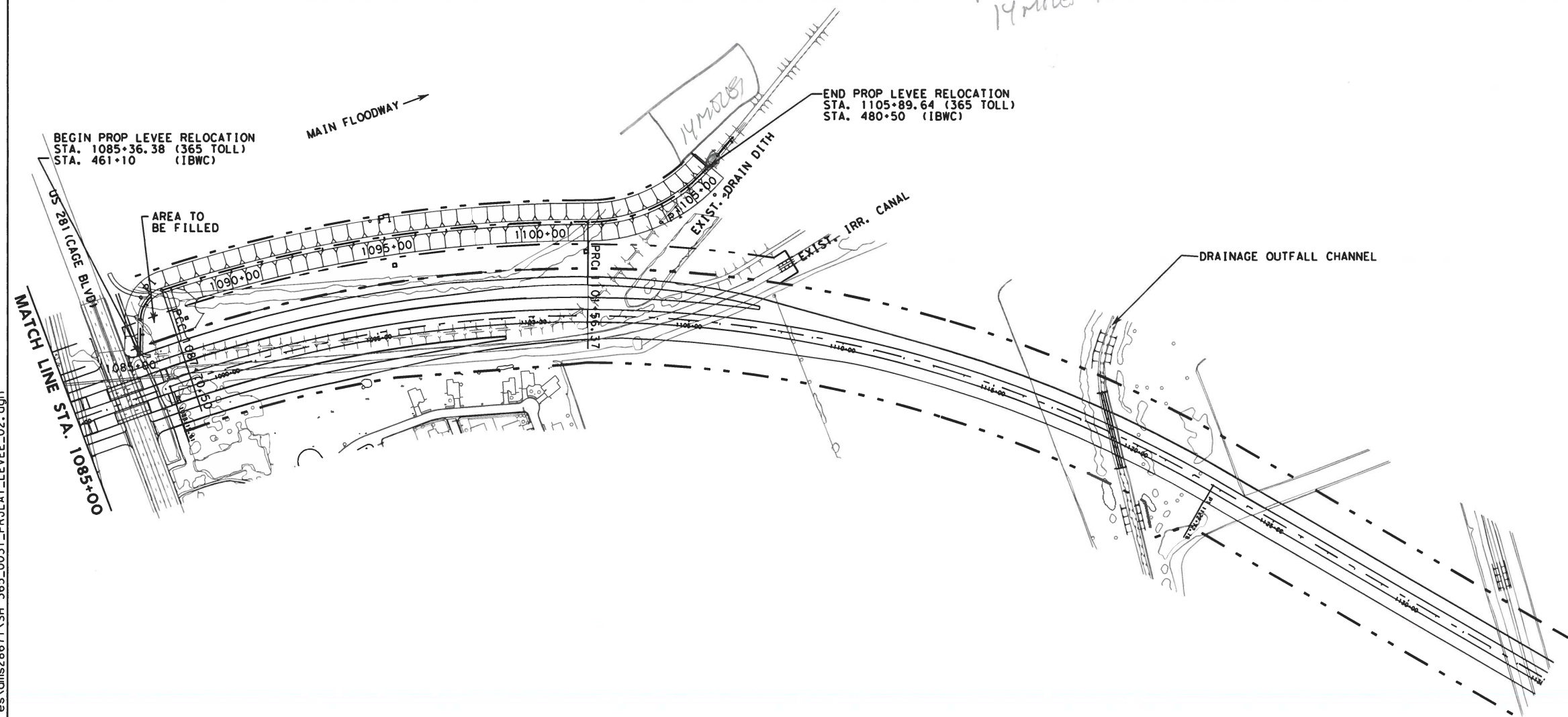
- Take Juan Balli Rd to S Jackson Rd
2 min (0.8 mi)
- Turn left onto S Jackson Rd
1 min (0.5 mi)
- Continue on W Thomas Dr to E Dicker Rd
2 min (1.1 mi)
- Take State Hwy 336 N, FM 1016 W/W Military Hwy and Farm to Market 396 N to S Stewart Rd in Mission
18 min (10.5 mi)
- Continue on S Stewart Rd to 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.



US 281
PERM (116)
14 MILES X 2 = 28 MILES ROAD TOL



Guillermo A. Arratia, P.E.
6/30/17



PROGRAM MANAGEMENT CONSULTANT
DANNENBAUM
ENGINEERING CORPORATION
T.B.P.E. FIRM REGISTRATION #392
1109 NOLANA LOOP, STE 200 MCALLEN, TX 78504 (956) 682-3677



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: | | DIST | COUNTY | | SHEET NO. |
| CK DN: | | PHR | HIDALGO | | 680 |
| TR: | | | | | |
| CK TR: | | | | | |

Pharr-San Juan-Alamo Independ

google.com/maps/dir/26.1550316,-98.1749745/"/@26.1810519,-98.2432415,14z/data=!4m9!4m8!1m0!1m5!1m1!1s0x8665a7e3aed307a50xd523e63501a00bbe!2m2!1d-98.3056488!2d26.194868!5i2?hl=en

Apps Construction Forms Test Procedures for Test Procedures Appia Login Contractor Prequali... Construction Contr... Intelligent Transpor... Photos - Google Ph... New Tab Hidalgo County RM... Inside TxDOT TxDOT Purchasing s... txdot online manua... Hidalgo County RM... projectwise - Googl... barracuda archiver

Gas Groceries Hotels More

Pharr-San Juan-Alamo Independent Scho

B2Z ENGINEERING, 900 S Stewart Rd Sul

Add destination

Leave now Options

Send directions to your phone

via I-2 Best route 22 min 11.7 miles

via S 2nd St/S Col Rowe Blvd and I-2 22 min 11.9 miles

via S I Rd/S Veterans Blvd and I-2 24 min 14.0 miles

Details

Explore B2Z ENGINEERING

Restaurants Hotels Gas stations Parking Lots More

Map of McAllen, Texas area showing routes between Pharr-San Juan-Alamo Independent School and B2Z ENGINEERING. The map displays major roads like I-2, I-37, and S Veterans Blvd. Several route options are shown with estimated travel times and distances. A pop-up for La Plaza Mall is visible.

La Plaza Mall

4.6 (11,135)

Shopping mall

Open until 8:00 PM

WA 1 B2Z CMT_013122_Revisions Acknowledged.pdf - Adobe Acrobat Pro DC (32-bit)

File Edit View E-Sign Window Help

Type here to search

76°F Sunny

11:29 AM 2/2/2022

| SUMMARY OF LEVEE ITEMS | | | | | | | | | | | | | | | |
|--|----|------------|------------------------------|--------------|--------------------------------------|---------------------------------------|-----------------------------------|-----------------------------------|------------|--|------------|---------------------|-------------|---------------------------------------|---|
| ITEM NO. | | | 540-6001 | 540-6014 | 543-6006 | 543-6020 | 544-6001 | 644-6027 | HCMA | HCMA | HCMA | HCMA | HCMA | HCMA | |
| | | | | | | | | | 3541-01-01 | 3541-01-02 | 3541-01-03 | 6065-08-01 | 6068-09-01 | 6065-08-02 | 9079-90-02 |
| STATION LIMITS | | | MTL W-BEAM GD FEN (TIM POST) | SHORT RADIUS | CABLE BARRIER SYSTEM (TL-4) (10'-0") | CABLE BARRIER TERMINAL SECTION (TL-4) | GUARDRAIL END TREATMENT (INSTALL) | IN SM RD SN SUPRAM TYS60(1)SA(1P) | EXCAVATION | COMPACTED FILL % CLAY LINER SUBSIDIARY | TOP SOIL | GATE WELL STRUCTURE | SLUICE GATE | GATEWELL COVER (NON-PAY) (SUBSIDIARY) | REMOVE VEHICULAR GAT (NON-PAY) (SUBSIDIARY) |
| | | | LF | LF | LF | EA | EA | EA | (CY) | (CY) | (CY) | (EA) | (EA) | (EA) | (EA) |
| STA | | STA | 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 | | | | | | 1.00 | 1917.00 | 4639.00 | 1514.00 | | | | |
| 806+00.00 | TO | 816+00.00 | | | | | | | 3576.00 | 19316.00 | 2559.00 | | | | |
| 816+00.00 | TO | 826+00.00 | | | | | | 1.00 | 2575.00 | 71068.00 | 2560.00 | | | | |
| 826+00.00 | TO | 836+00.00 | | | | | | | 2575.00 | 76869.00 | 2546.00 | 1.00 | 1.00 | | |
| 836+00.00 | TO | 843+00.00 | | | | | | 1.00 | 2060.00 | 64397.00 | 1671.00 | 1.00 | 1.00 | | |
| 843+00.00 | TO | 853+00.00 | | | | | | | 2685.00 | 71747.00 | 778.00 | | | | |
| 853+00.00 | TO | 858+05.00 | | | | | | | 1379.00 | 17745.00 | 853.00 | | | | |
| 872+74.00 | TO | 878+99.27 | | | | | | | | | 810.00 | | | | |
| WEST OF SP 115 (23RD ST) TOTAL | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.00 | 16767.00 | 325781.00 | 13291.00 | 2.00 | 2.00 | 0.00 | 0.00 |
| WEST OF SP 115 (23RD ST) - SOUTH LEVEE | | | | | | | | | | | | | | | |
| 872+39.00 | TO | 880+17.21 | | | | | | | 3213.00 | 42894.00 | 2800.00 | | | | |
| PAWLIR ACCESS ROAD | | | | | | | | | | | | | | | |
| CROSS ROAD AT LEVEE AT STA. 834+67.77 | | | | | | | | | 828.00 | 3795.00 | | | | | |
| 834+03.00 | TO | 839+00.00 | 100.00 | 75.00 | | | 1.00 | | | | | | | | |
| 839+00.00 | TO | 846+26.00 | | | | | | | | | | | | | |
| PAWLIR ACCESS ROAD TOTAL | | | 100.00 | 75.00 | 0.00 | 0.00 | 1.00 | 0.00 | 828.00 | 3795.00 | 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 | | | 153 | 1 | | | 240.00 | 15888.00 | 225.00 | | | | 1.00 |
| 1019+00.00 | TO | 1029+00.00 | | | 1,004 | | | | 2382.00 | 55759.00 | 2187.00 | | | | |
| 1029+00.00 | TO | 1039+00.00 | | | 1,000 | | | | 2010.00 | 38335.00 | 1805.00 | | | | |
| 1039+00.00 | TO | 1049+00.00 | | | 988 | | | | 1941.00 | 37704.00 | 1731.00 | | | | |
| 1049+00.00 | TO | 1053+20.00 | | | 334 | 1 | | | 328.00 | 3704.00 | 278.00 | | | | |
| EAST OF FM 2061 (JACKSON ROAD) TOTAL | | | 0.00 | 0.00 | 3479.00 | 2.00 | 0.00 | 0.00 | 6901.00 | 149388.00 | 6226.00 | 0.00 | 0.00 | 0.00 | 1.00 |
| EAST OF US 281 (CAGE BLVD) - SOUTH LEVEE | | | | | | | | | | | | | | | |
| 1085+36.38 | TO | 1088+00.00 | | | 105 | 1 | | | 181.00 | 3582.00 | 156.00 | | | | |
| 1088+00.00 | TO | 1097+00.00 | | | 862 | | | | 1637.00 | 35063.00 | 1448.00 | | | | |
| 1097+00.00 | TO | 1105+20.00 | | | 681 | 1 | | | | | | | | | |

15126 TLP CMTR

PRODUCTION RATES TO ESTABLISH TILERS / CHANGES

EXCAV. FULL
330 TILERS
45 DAYS
7,500 MILES

SP115 N. LEVEE 20MT
EXCAV. FULL
325 TILERS
SP115 S. LEVEE
42,894 20MT







JACKSON S. LEVEE C. 26.2 MT
4011 MILES
155 TILERS
70 DAYS
1960 MILES

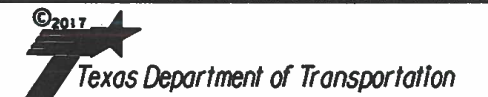
US281 S. LEVEE C. 28 MT
149,388
65,398

4930 CY DAILY
5 TESTS DAILY 66 DAYS
5 TESTS DAILY 9 DAYS
75 TILERS


1500 MILES
31 DAYS
812.2 MILES
14 DAYS
392 MILES

13 521 MILES
\$81,126.
© 600 TILERS

| | |
|---|--|
|  |  09/29/2021 ADDENDUM #3 |
|  |  10/30/2017 |
|  |  10/23/2017 |



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

L&G Engineering
 Highway / Civil
 Structural / Bridge
 Environmental
 Firm No.: F-4105

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

365 TOLL SUMMARY OF LEVEE

SHEET 2 OF 2

| | | | |
|------|---------|-----|-----------|
| CON | SECT | JOB | HIGHWAY |
| 0921 | 02 | 368 | 365 TOLL |
| DIST | COUNTY | | SHEET NO. |
| PHR | HIDALGO | | 96 |


DATE: 10/1/2021 10:13:25 AM
FILES: c:\projectwise\donnenbaum-hcrmo\workdir\copy of michael.meroney\dms68287\SH_365_0030_04_LEVEE_SUM.dgn

DATE: 9/30/2021 4:57:18 PM
FILE: c:\projectwise\dannenbaum-hcrma\work\air copy of michael.meroney\dms68287\SH 365_0030_04_LEVEE_SUM.dgn


| SUMMARY OF LEVEE ITEMS | | | | | | | | | | | | | | | | |
|---|----|------------|---------------|---|------------|--|---------------------------------|-----------------------------------|-------------------------|------------------------------|----------------------------|---|--|--------------------------------|---------------------------------------|--------------------------------------|
| ITEM NO. | | | 100-6002 | 164-6036 | 166-6002 | 247-6225 | 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 BS (RDWY DEL) (TY E GR 4) (FINAL POS) | LINE TRT (EXST MATL) (6") | LINE (HYD, COM OR GR) (SLURRY) | RIPRAP (CONC) (4 IN) | RIPRAP (MOV STRIP) (4 IN) | RC PIPE (CL 11) (18 IN) | SET (TY 1) (18 IN) (RCP) (6" 1" (P) | CONSTRUCTION EXITS (INSTALL (TY 1) | CONSTRUCTION EXITS (REMOVE) | TEMP SEDMT CONT FENCE (INSTALL) | TEMP SEDMT CONT FENCE (REMOVE) |
| | | | | | | | | | | | | | | | | |
| | | | STA | | STA | 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 | 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 | | | | | | | |
| PAWLK 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 | | | | | | | | |
| PAWLK 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 | 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 | 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 | 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 | 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 | 2,000 |
| 1049+00.00 | TO | 1053+20.00 | 4.2 | 0.34 | 0.02 | 124.00 | 1813.00 | 9.00 | | 8.48 | | | | | 840 | 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 | 156.00 | 7335.00 | 7335.00 |
| EAST OF US 281 (CAGE BLVD) - SOUTH LEVEE | | | | | | | | | | | | | | | | |
| 1086+36.38 | TO | 1088+00.00 | 2.4 | 0.19 | 0.01 | 78.00 | 1085.00 | 5.00 | | 2.60 | | | 156 | 156 | 482 | 482 |
| 1088+00.00 | TO | 1097+00.00 | 9.0 | 1.80 | 0.09 | 267.00 | 9820.00 | 49.00 | | 21.20 | | | | | 1,800 | 1,800 |
| 1097+00.00 | TO | 1105+20.00 | 9.2 | 1.00 | 0.00 | 264.00 | 8180.00 | 40.00 | | 16.68 | | | | | 1,832 | 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 | 156.00 | 4114.00 | 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 | 312.0 | 11,449.0 | 11,449.0 |
| * NON-PAY - CLAY LINER TO BE SUBSIDIARY TO THIS ITEM | | | | | | | | | | | | | | | | |
| * * NON-PAY - FERTILIZER TO BE SUBSIDIARY TO ITEM 165 | | | | | | | | | | | | | | | | |

2005 CY / 10M 247-6225
N. 23rd 1921 CY } 20 MMS
S. 23rd 1008 CY }
ACCESS ROAD 508 CY }
3447 CY } 20 MMS
S. JACKSON 1085 CY } 20 MMS
S. US 281 19085 CY } 10 MMS
12 MMS = 2 TRIPS X 20 = 40 M
716'S = 12 X 28 = 336 MMS
376 X 46 = 17256

09/29/2021 ADDENDUM #3
10/23/2017



Hidalgo County Regional Mobility Authority



Texas Department of Transportation

PROGRAM MANAGEMENT CONSULTANT
DANNENBAUM
ENGINEERING CORPORATION
T.B.P.E. FIRM REGISTRATION #392
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900 S. Stewart Rd., Ste. 10
Mission, TX 78572
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Fax: (956) 335-1927

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

365 TOLL
SUMMARY OF LEVEE

SHEET 1 OF 2

| | | | |
|----------|---------|-----------|----------|
| CONTRACT | SECTION | JOB | HIGHWAY |
| 0921 | 02 | 368 | 365 TOLL |
| DISTRICT | COUNTY | SHEET NO. | |
| PHR | HIDALGO | 95 | |

WO#1
06/20/17

EXHIBIT D
ESTIMATED MAN-HOURS AND TEST BREAKDOWN

| Hidalgo County RMA 365 Tollway Construction Materials Testing | | | | | | | | |
|--|--|----------------------|---|-----------------------------|------|------|---------------|-------------|
| Embankment (Test All Fill Material Including Cut From Job) (ITEM 132) | | | | | | | | |
| <ul style="list-style-type: none">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 | | 6.00 | |
| **Admin/Clerical | | | | | Hour | 244 | \$61.95 | \$15,115.80 |
| | | | | | | | Item Subtotal | \$92,330.24 |
| Lime (ITEM 260) | | | | | | | | |
| <ul style="list-style-type: none">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) | | | | | | | | |
| <ul style="list-style-type: none">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 | | 4.00 | |
| **Admin/Clerical | | | | | Hour | 14 | \$61.95 | \$867.30 |
| | | | | | | | Item Subtotal | \$7,447.60 |
| Flexible Base (Untreated - Stockpile Testing) (ITEM 247) | | | | | | | | |
| <ul style="list-style-type: none">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 | | ? | |
| **Admin/Clerical | | | | | Hour | 10 | \$61.95 | \$619.50 |
| Item Subtotal | | | | | | | | \$5,239.96 |
| Hydraulic Cement Concrete Gatewell Structure & Foundation (Class C) | | | | | | | | |
| <ul style="list-style-type: none">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 a 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 | | ? | |
| **Admin/Clerical | | | | | Hour | 17 | \$61.95 | \$1,053.15 |
| Item Subtotal | | | | | | | | \$7,521.81 |
| Hydraulic Cement Concrete Misc. - Riprap (Class A) | | | | | | | | |
| <ul style="list-style-type: none">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 a 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 | | ? | |
| **Admin/Clerical | | | | | Hour | 34 | \$61.95 | \$2,106.30 |
| Item Subtotal | | | | | | | | \$7,291.62 |
| Batching for Hydrulic Cement Concrete (Class C) & Asphalt Concrete Pavement (ACP) - Inspection of Batching at Plant (1 Tech per Plant, Reports) | | | | | | | | |
| <ul style="list-style-type: none">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 a 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 preperation, 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 |
| Constuction 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) | | | | 1,400 Trips (40 Miles RT) | Mile | 56,000 | \$6.000 | \$336,000.00 |
| **Admin/Clerical | | | | | 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 | 376 | \$6.000 | \$2,256.00 |
| **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) | | | | 19 Trips (40 Miles RT) | Mile | 376 | \$6.000 | \$2,256.00 |
| **Admin/Clerical | | | | | Hour | 10 | \$61.95 | \$619.50 |
| Item Subtotal | | | | | | | | \$7,639.96 |

WO#1
SOPHETI

ISWC 21 SPECS

Cut Fill
30890 CY 600908 CY
7 120 127
/ 5000
/ 10000 4 60 64
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
(5hrsx600-PI/Grad)+(5hrsx300-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
\$1,572,781.84

\$1,767,655.75

Slurry Lime

\$1,500.00

167,789.54

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

\$2,256
\$9,103.60

\$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

\$2256
\$7495.96

\$7,639.96

| 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 |
| 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 |
| Batching for Hydrulic 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 | |
| | | | | | | | | |
| | | | | | | | | |
| **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 preperation, 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 |
| Constuction Materials Testing Total | \$2,085,030.88 |

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

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

| Concrete | # of Days | Hrs/Day | Total | |
|----------|-----------|---------|-------|--------------------------------|
| Class A | 0 | 4 | 0 | |
| Class C | 8 | 2 | 16 | Change based on small Contract |
| | 8 | | 16 | |

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

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 3F
DATE SUBMITTED 02/13/2022
MEETING DATE 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
10. Chief Development Engineer's Recommendation: X Approved Disapproved None
11. Chief Construction Engineer's Recommendation: X Approved Disapproved None
12. 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.



☒ CMT Services **B2Z Engineering, LLC**

☐ 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 \$ 0.00

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

PRIME PROVIDER NAME: B2Z ENGINEERING, LLC
PROJECT CSJ: xxxx-xx-xxx, etc.
PROJECT LIMITS: HCRMA Wetland Mitigation Site

EXHIBIT D
FEE SCHEDULE
METHOD OF PAYMENT - PER CONTRACT AND WA

Contract Number HCRMA CMT
Work Authorization No. 2

| 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 | 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 :s 50 feet | | Tex-132-E (every 5 feet) | \$ 28.63 | |
| 2B | 2. Depth 50 feet | | near foot | \$ 30.71 | |
| | Drilling, Logging, & Recovering Samples (Without TCP) | | | \$ - | |
| 3A | 1. Depth :s 50 feet | | near foot | \$ 26.02 | |
| 3B | 2. Depth 50 feet | | near foot | \$ 28.03 | |
| 4 | Rock Coring (Soft Rock) ¹ | | near foot | \$ 12.07 | |
| 5 | Rock Coring (Hard Rock) ² | | near foot | \$ 16.00 | |
| 6 | Staking Borings and Utility Locations | | hour | \$ 109.03 | |
| | Standby Time (sampling) | | hour | \$ 250.00 | |
| 7A | 1. Hot Mix Asphalt (minimum of one hour) | | each | \$ 100.00 | |
| 7B | 2. Concrete (minimum of one hour) | | each | \$ 159.30 | |
| 8 | Piezometer - 2 inch (including well completion and installation) | | near foot | \$ 40.00 | |
| 9 | Grouting of Borings | | near foot | \$ 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 (Single 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 | One Dimensional Consolidation 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 Drainage Conditions | ASTM D3080 | set of 3 | \$ 625.00 | |
| 21 | Direct Shear Test of Soils Under Consolidated Drainage Conditions, SAND | ASTM D3080 | set of 3 | \$ 475.00 | |
| 22 | Direct Shear Test of Soils Under Consolidated Drainage Conditions, CLAY | ASTM D3080 | set of 3 | \$ 650.00 | |
| 23 | Splitting Tensile of intact soil Core | ASTM D3957 | 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 Sands 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 installed on | N/A | each | \$ 420.00 | |
| 34 | Miscellaneous Testing | N/A | each | \$ 55.00 | |
| 35 | Vertical Comprometer | N/A | each | \$ 400.00 | |
| 36 | Vertical Comprometer installed on | N/A | each | \$ 700.00 | |
| 37 | Vibrating Wire Piezometer | N/A | each | \$ 760.00 | |
| 38 | Vibrating Wire Piezometer installed on | 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 | Sieve Analysis (Hydrometer with Tex-108-E) | Tex-110-E, Part | each | \$ 78.00 | |
| 49 | Hydrometer with Tex-108-E (non-compact with Tex-110-E, Part) | Tex-108-E | each | \$ 56.00 | |
| 50 | Percent Passing No. 200 Sieve | Tex-111-E | each | \$ 65.00 | |
| 51 | Determining the Amount of Material on Sieves Finer than the 75 m | Tex-111-E | each | \$ 49.00 | |
| 52 | Admixing Lime 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 Flexible Base Tests | 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 Soil Materials (Not Field Test) | Tex-123-E ++ | each | \$ 70.00 | |
| 63 | Determining Modulus of Sub-grade Reaction (K Value) (Not Field 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 | Stability 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 hour 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 | Shrinkage Content of Soils | Tex-145-E | each | \$ 68.33 | |
| 75 | Conductivity Test for Field Detection of Sulfates in Soils | Tex-146-E | each | \$ 65.00 | |
| 75.1 | Organic Content Using UV-VS 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 | \$ 57.99 | | | |
| 84 | Unconf ned Compress on Test (So) | ASTM D2166 | each | \$ 62.00 | | | |
| 85 | Unconf ned Compress on Test (oc) | ASTM D2938 | each | \$ 76.00 | | | |
| 86 | Unconf ned Compress on Test (oc) (Method D) | ASTM D7012 | each | \$ 57.25 | | | |
| | Unconsolidated Undrained (UU) Triaxial Compression Test | | | | | | |
| 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 ne-gra ned so s) | AASHT T307 | each | \$ 950.00 | | | |
| | Hot Mix Asphalt Testing | | | | | | |
| 97 | Sieve Analysis of Fine and Coarse Aggregates | Tex-200-F | each | \$ 68.33 | | | |
| 98 | Bu Spec f c Grav ty and Water Absorpt on of Aggregates | Tex-201-F | each | \$ 76.00 | | | |
| 99 | Apparent Spec f c Grav ty of Mater a F ner Than 180 µm (No. 80) Sieve | Tex-202-F | each | \$ 52.00 | | | |
| 100 | Sand Equivalent Test | Tex-203-F | each | \$ 78.00 | | | |
| 101 | Laboratory Method of M x ng B tum nous M xtures | Tex-205-F | Set of 3 | \$ 105.00 | | | |
| 102 | Compacting Specimens Using the Texas Gyrotray Compactor (TG) | Tex-206-F | Set of 3 | \$ 90.00 | | | |
| 103 | Determ n ng Bu Spec f c Grav ty of Compacted B tum nous M xtures | Tex-207-F () | each | \$ 30.00 | | | |
| 104 | Determ n ng n-P ace Dens ty of Compacted B tum nous M xtures (Nuc ear Method) | Tex-207-F () | each | \$ 30.00 | | | |
| 105 | Aspha 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 | Jo nt Dens ty | Tex-207-F (V) | each | \$ 175.00 | | | |
| 108 | Test of Slab o meter Va ue of B tum nous M xtures | Tex-208-F | set of 3 | \$ 120.00 | | | |
| 109 | Determ n ng Aspha t Content of B tum nous M xtures by Extract on | Tex-210-F | each | \$ 147.81 | | | |
| 110 | ecovery of Aspha t from B tum nou M xtures by the Abson Pro | Tex-211-F | each | \$ 218.00 | | | |
| 111 | Determ n ng Mo sture Content of B tum nous M xtures | Tex-212-F | each | \$ 54.00 | | | |
| 112 | Determ n ng Hydrocarbon-Vo at e Content of B tum nous M xture | Tex-213-F | each | \$ 110.00 | | | |
| 113 | Determ n ng De eterous Mater a and Decantat on Test for Coarse Aggregates | Tex-217-F | each | \$ 78.84 | | | |
| 114 | nd rect tens e Strength Test | Tex-226-F | each | \$ 475.00 | | | |
| 115 | Theoret ca Max mum Spec f c Grav ty of B tum nous M xtures | Tex-227-F | each | \$ 95.00 | | | |
| 116 | Determ n ng Aspha t Content of B tum nous M xtures by the Nuc ear | Tex-228-F | each | \$ 60.00 | | | |
| 117 | Combined HMA 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 ng Aspha t Content from Aspha t Pav ng M xtures by the gn t on Method | Tex-236-F | each | \$ 130.00 | | | |
| 120 | Asphalt Release Agents | Tex-239-F | each | \$ 75.00 | | | |
| 121 | Superpave Gyrotray Compact ng of Test Spec mens of B tum nous | Tex-241-F | each | \$ 130.00 | | | |
| 122 | Hamburg Wheel Tracker | Tex-242-F | each | \$ 236.51 | | | |
| 123 | Tack Coat Adhesion | 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 Aspha 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 | Samp ng B tum nous Mater 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 | Penetrat on of B tum nous Mater a s | 502-C AASHT | each | \$ 75.00 | | | |
| 132 | Duct ty of Aspha t Mater 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 tumen (ng and Ba Apparatus | 505-C AASHT | each | \$ 90.00 | | | |
| 135 | So ub ty of B tum nous Mater a s | 507-C AASHT | each | \$ 100.00 | | | |
| 136 | Spec f c Grav ty | 08-C AASHT | each | \$ 70.00 | | | |
| 137 | Spot Test of Aspha t c Mater a s | 09-C AASHT | each | \$ 155.00 | | | |
| 138 | Effect of Heat and A r on Aspha t Mater a s (Th n-F m ven Test) | 510-C AASHT | each | \$ 63.00 | | | |
| 139 | Flash Po nt w th Tag pen-Cup Apparatus for Use w th Mater a H | 512-C AASHT | each | \$ 68.00 | | | |
| 140 | Saybolt Viscosity | 513-C AASHT | each | \$ 75.00 | | | |
| 141 | Culbac Aspha ts - Spec f c Grav ty, AP Grav ty, or Dens ty of Culbac Aspha ts by Hydrometer Method; Emu s fed Aspha ts - We ght per Ga on of Emu s fed Aspha t | Tex-514-C ASTM D3142 ASTM D244 | each | \$ 130.00 | | | |
| 142 | Dst at on of Culbac Aspha t Products | 515-C AASHT | each | \$ 170.00 | | | |
| 143 | Foat Test for B tum nous Mater a s | 519-C AASHT | each | \$ 70.00 | | | |
| 144 | Standard Test Method for Emu s fed Aspha ts | 521-C AASHT | each | \$ 190.00 | | | |
| 145 | Vscos ty of Aspha ts by Vacuum Cap ary Vscometer | 28-C AASHT | each | \$ 35.00 | | | |
| 146 | Knemat c Vscos ty of Aspha ts (B tumens) | 29-C AASHT | each | \$ 75.00 | | | |
| 147 | Bo Test (Effect of Water on Pav ng M x) | Tex-530/531-C | each | \$ 130.00 | | | |
| 148 | Field Coning - ACP Thickness | ASTM D3549 | each | \$ 100.00 | | | |
| 149 | Pavement Thickness Determin (Full Depth) | ASTM D3549 | each | \$ 130.00 | | | |
| 150 | Determ n ng Po ymer Add tve Percentages n Po ymer Mod f ed | Tex-533-C | each | \$ 60.00 | | | |
| 151 | Ca cu at ng Vscos ty from Penetrat on | Tex-535-C | each | \$ 75.00 | | | |
| 152 | East c ecovery of Tens e Deformat on Us ng a Duct o meter | Tex-539-C | each | \$ 65.00 | | | |
| 153 | Measurement of Po ymer Separat on on Heat ng n Mod f ed Aspha at | Tex-540-C | each | \$ 95.00 | | | |
| 154 | o ng Th n F m ven Test for Aspha t B nders | 41-C ASSHT | each | \$ 110.00 | | | |
| 155 | Fexura Creep Stiffness Us ng the Bend ng Beam heometer | AASHTO T313 | each | \$ 200.00 | | | |
| 156 | Determ n ng heo og ca Properties of Aspha t B nder Us ng a Dy | AASHT T315 | each | \$ 120.00 | | | |
| 157 | Determ n ng Brea ng ndex for Aspha t Emu s ons | Tex-542-C | each | \$ 215.00 | | | |
| 158 | es ence Test for Sea ants and epa r Mater 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 | Fexb ty Test for Sea ants and epa r Mater a s | Tex-550-C | each | \$ 250.00 | | | |
| 162 | Settlement of Sea ants and epa r Mater a s | Tex-551-C | each | \$ 88.00 | | | |
| | Concrete & Aggregate Testing | | | | | | |
| 163 | Sieve Analysis for Conc. Agg | Tex-401-A | each | \$ 73.58 | | | |
| 164 | F neness Modu us for Conc. Agg | Tex-402-A | each | \$ 18.00 | | | |
| 165 | SSD Spec f c Grav ty / Absorpt on Conc. Agg | Tex-403-A | each | \$ 78.00 | | | |
| 166 | Un t We ght of Conc. Agg | Tex-404-A | each | \$ 40.00 | | | |
| 167 | Determining Percent Voids and Solids in Concrete | Tex-405-A | each | \$ 65.00 | | | |
| 168 | Decantation for Conc. Agg | Tex-406-A | each | \$ 54.00 | | | |
| 169 | rgan c mpur tes for Conc. Agg | Tex-408-A | each | \$ 52.00 | | | |
| 170 | Free Moisture and Water Absorption n Aggregate for Concrete | Tex-409-A | each | \$ 65.00 | | | |
| 171 | L.A. Abrasion | Tex-410-A | each | \$ 400.00 | | | |
| 172 | 5 Cyc e Magnesium Soundness | Tex-411-A | each | \$ 450.00 | | | |
| 173 | De eterous Mater a 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 | Sump 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 e d 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 | Absorpt on and Dry Bu Spec f c Grav ty of L ghtweight 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 | | | |

[illegible]

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

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

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

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



Memorandum

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

From: Ramon Navarro, IV, P.E., C.F.M.
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 \$ 0.00

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
(Printed Name)
President
(Title)

(Date)

THE AUTHORITY

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

(Date)