

COUNTY of HIDALGO



EDINBURG, TEXAS 78539

HIDALGO COUNTY AUDITOR'S OFFICE
Hidalgo County Administration Building
2808 South Business Highway 281
Edinburg, Texas 78539-6243
PHONE: (956) 318-2511
FAX: (956) 318-2577
WEBSITE: www.co.hidalgo.tx.us/auditor

November 30, 2015

The Honorable Ramon Garcia, Hidalgo County Judge
The Honorable A.C. Cuellar, Jr., Commissioner, Precinct No. 1
The Honorable Eduardo "Eddie" Cantu, Commissioner, Precinct No. 2
The Honorable Jose M. Flores, Commissioner, Precinct No. 3
The Honorable Joseph Palacios, Commissioner, Precinct No. 4

RE: Certification of Revenue

Dear Judge and Commissioners:

Pursuant to Local Government Code § 111.0707 SPECIAL BUDGET FOR REVENUE FROM INTERGOVERNMENTAL CONTRACTS:

The county auditor shall certify to the commissioners court the receipt of all revenue from intergovernmental contracts that is available for disbursement in a fiscal year but not included in the budget for that fiscal year. On certification, the court may adopt a special budget for the limited purpose of spending the revenue from intergovernmental contracts for its intended purpose.

I, Ray Eufrazio, County Auditor of Hidalgo County, certify to the Hidalgo County Commissioners Court the revenue from the intergovernmental contract between Hidalgo County and the City of Palmview, Texas for the Veterans Boulevard (Abram Road East to La Homa Road) project in the amount of \$421,570. These funds may now be made available by creating a new special budget or amending a current budget for its intended purposes. Revenue was received from the City of San Juan and the City of Alamo as follows:

CERTIFIED BY:


Raymundo Eufrazio, CPA
Hidalgo County Auditor

12/11/15
Date

HIDALGO COUNTY DISTRICT JUDGES

LUIS M SINGLETERRY
JUDGE, 92ND D. C.

RODOLFO DELGADO
JUDGE, 93RD D. C.

J. R. "BOBBY" FLORES
JUDGE, 139TH D. C.

ROSE GUERRA REYNA
JUDGE, 208TH D. C.

JUAN R. PARTIDA
JUDGE, 275TH D. C.

MARIO E. RAMIREZ, JR.
JUDGE, 332ND D. C.

NOE GONZALEZ
JUDGE, 370TH D. C.
OVERSEER

LETICIA LOPEZ
JUDGE, 385TH D. C.

AIDA SALINAS FLORES
JUDGE, 398TH D. C.

ISRAEL RAMON, JR.
JUDGE, 430TH D. C.

JESSE CONTRERAS
JUDGE, 449TH D. C.

AI-52362

Precinct #3 18. A.

CC - REGULAR

Meeting Date: 12/01/2015

Submitted For: Norma Ceballos, COMM. PCT. #3

Submitted By: Merlen P. Munoz, BUDGET & MANAGEMENT

Department: COMM. PCT. #3

Information

CAPTION

Pct 3-Veterans Blvd SH495 (1200):

1. Approval of certification of revenues as certified by the County Auditor for revenues received from the City of Palmview for the road improvements to Veterans Blvd (SH495).
2. Approval of 2015 appropriation of funds into Pct 3 Veterans Blvd (SH495) in the amount of ~~\$461,570.00.~~ *sib + 421,570.00*

BACKGROUND

ICA approved on 3/17/2015 AI-48784.

Fiscal Impact

FISCAL YEAR: 2015

ACCT. #: 5-1200-431-00-123-107-0-841

FUNDS AVAILABLE Y/N?: Y MATCHING FUNDS Y/N?: N

BUDGETARY IMPACT:

Funds available pending certification of revenues from the Auditor's Office. Monies receipted under Acct#5-1200-223-00-123-084-0-000.

Attachments

Appropriation

Form Review

Inbox	Reviewed By	Date
Merlen P. Munoz (Originator)	Merlen P. Munoz	11/23/2015 11:26 AM
Budget & Management	Veronica Ortiz	11/23/2015 01:10 PM
Purchasing Department	Monica Badillo	11/25/2015 03:08 PM
Form Started By: Merlen P. Munoz		Started On: 11/23/2015 08:55 AM
Final Approval Date: 11/25/2015		

DATE: November 23, 2015

2015
Appropriation

DEPARTMENT HEAD: Sergio Cruz, Budget Officer



DEPARTMENT NAME: Department of Budget & Management for PCT 3 Veterans Blvd (SH495)

ACCOUNT NUMBER: 5-1200-431-00-123-107-0-XXX

Contact Person: Merlen Munoz Ph#: (956) 292-7025 ext. 5403

SUBJECT: Budget Amendments (increase (decrease)) in accordance with Local Government Code, Chapter 111, § 111.070, Item C (2).

Honorable Commissioners' Court of Hidalgo County:

I would like to request the following Budget Amendments (increase (decrease)) in accordance with Local Government Code, Chapter 111, § 111.070, Item C (2).

INCREASE ACCOUNT NUMBER(S)	ACCOUNT (OBJECT) NAME	AMOUNT
5-1200-431-00-123-107-0- 841	PCT 3 VETERANS BLV (SH495) AID TO GOV'T AGENCY	421,570. ⁰⁰ -461,570.00
⁰⁰⁵ 5-1200-337-00-123- XXX -0- 000	R&B Pct 3- ICA Palmview Veterans Blvd	421,570. ⁰⁰ -461,570.00
TOTAL BUDGET INCREASE (DECREASE)		421,570.⁰⁰ -461,570.00

REASON: To appropriate funding received from the City of Palmview for monies received for road improvements to Veterans Blvd (SH495) (A1-48784-ICA approved by CC on 3/17/15). Monies received under Acct#5-1200-223-00-123-084-0-000 PCT#3-UNEARNED REV-ICA VETERANS BLVD.

DEPARTMENT HEAD SIGNATURE

APPROVED COMMISSIONERS' COURT

DATE

ATTEST COUNTY CLERK

AI-52256

Purchasing Department 20. D. 1.

CC - REGULAR

Meeting Date: 11/17/2015

Submitted By: Rocio Villarreal, PURCHASING DEPT.

Department: PURCHASING DEPT.

Information

CAPTION

a. Acceptance and approval to execute the final form of a Professional Engineering Agreement with L&G Consulting Engineers, Inc. dba L&G Engineering, for "Veterans Boulevard (SH 495) Project (from Abram Road East to La Homa Road)" as approved for negotiations on CC 04/14/15.

b. Acceptance and approval of Work Authorization No. 1 (with an estimated cost of \$843,140.00) as submitted by project engineer, L&G Consulting Engineers, Inc. dba L&G Engineering for, "Environmental Assessment, Public Involvement, Schematic and Hydrologic Design for Veterans Blvd (SH 495) project from Abram Rd to La Homa Rd (FM 364)" located Pct. No. 3 through Contract #C-15-161-11-17.

0.4*

BACKGROUND

843,140.00

0.5*

Fiscal Impact

FISCAL YEAR: 2015

ACCT. #: 5-1345-431-00-123-107-0-721

FUNDS AVAILABLE Y/N?:

MATCHING FUNDS Y/N?:

BUDGETARY IMPACT:

Attachments

legal approval

REVISED

BACKUP

exh D

ica

receipt

Form Review

Inbox

Reviewed By

Date

Auditor's Office

Monica Badillo

11/13/2015 10:15 AM

Form Started By: Rocio Villarreal

Started On: 11/12/2015 10:03 AM

Final Approval Date: 11/13/2015

Zimbra

rocio.villarreal@co.hidalgo.tx.us

RE: C-15-161-00-00-L&G Engineers-Veterans Blvd-Pct 3

From : Steve Crain <scrain@atlashall.com>
Subject : RE: C-15-161-00-00-L&G Engineers-Veterans Blvd-Pct 3
To : 'Rocio Villarreal' <rocio.villarreal@co.hidalgo.tx.us>

Thu, Nov 12, 2015 01:47 PM
1 attachment

The contract is fine.

From: Rocio Villarreal [mailto:rocio.villarreal@co.hidalgo.tx.us]
Sent: Thursday, November 12, 2015 10:04 AM
To: Stephen L. Crain
Subject: Re: C-15-161-00-00-L&G Engineers-Veterans Blvd-Pct 3

Mr. Crain:

Please review and approve as to form.

Thank you.

ROCIO VILLARREAL
HIDALGO COUNTY PURCHASING DEPT.
CONTRACTS MANAGER
(956) 318-2626 Work
(956) 292-7000 Ext. 4868 Work
rocio.villarreal@co.hidalgo.tx.us
2812 S. Business Hwy 281
Edinburg, Texas 78539

From: "Stephen L. Crain" <scrain@atlashall.com>
To: "Rocio Villarreal" <rocio.villarreal@co.hidalgo.tx.us>
Sent: Wednesday, November 11, 2015 8:58:03 AM
Subject: RE: C-15-161-00-00-L&G Engineers-Veterans Blvd-Pct 3

Good morning Rocio:

I hope all is going well for you and were able to enjoy your day off.
Attached is page 2 with Mr. Crain's comment. If you have any questions, please call our office.

Thank you,
Marynel Trevino, Secretary for

Stephen L. Crain & J. Joseph Vale
ATLAS, HALL & RODRIGUEZ, LLP
818 Pecan Blvd. (78501)
P. O. Box 3725
McAllen, Texas 78502
Direct Dial Number (956) 632-8221
Main Number (956) 682-5501
Fax Number (956) 686-6109
E-mail Address scrain@atlashall.com



Atlas Hall
Rodriguez

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This communication does not reflect an intention by the sender or the sender's client or principal to conduct a transaction or make any agreement by electronic means. Nothing contained in this message or in any attachment shall satisfy the requirements for a writing, and nothing contained herein shall constitute a contract or electronic signature under the Electronic Signatures In Global and National Commerce Act, any version of the Uniform Electronic Transactions Act or any other statute governing electronic transactions.

From: Rocio Villarreal [<mailto:rocio.villarreal@co.hidalgo.tx.us>]
Sent: Tuesday, November 10, 2015 2:54 PM
To: Stephen L. Crain
Subject: Re: C-15-161-00-00-L&G Engineers-Veterans Blvd-Pct 3

Mr. Crain:

As requested attached is the corrected agreement. Please review and approve as to form.

Thank you.

ROCIO VILLARREAL
HIDALGO COUNTY PURCHASING DEPT.
CONTRACTS MANAGER
(956) 318-2626 Work
(956) 292-7000 Ext. 4868 Work
rocio.villarreal@co.hidalgo.tx.us
2812 S. Business Hwy 281
Edinburg, Texas 78539

From: "Stephen L. Crain" <scrain@atlashall.com>
To: "Rocio Villarreal" <rocio.villarreal@co.hidalgo.tx.us>
Sent: Friday, November 6, 2015 3:36:29 PM
Subject: RE: C-15-161-00-00-L&G Engineers-Veterans Blvd-Pct 3

From: Rocio Villarreal [<mailto:rocio.villarreal@co.hidalgo.tx.us>]
Sent: Friday, November 06, 2015 2:52 PM
To: Stephen L. Crain
Subject: C-15-161-00-00-L&G Engineers-Veterans Blvd-Pct 3

Mr. Crain:

Attached is an prof. engineering services agreement with L&G Engineer. Please review and approve as to form.

Thank you.

ROCIO VILLARREAL
HIDALGO COUNTY PURCHASING DEPT.
CONTRACTS MANAGER
(956) 318-2626 Work
(956) 292-7000 Ext. 4868 Work
rocio.villarreal@co.hidalgo.tx.us

2812 S. Business Hwy 281
Edinburg, Texas 78539



Atlas Hall
Rodriguez

image001.jpg
5 KB



OFFICIAL HIDALGO COUNTY RECEIPT
OFFICE OF THE COUNTY TREASURER
NORMA G. GARCIA

Receipt No: 192159

Received From: CITY OF PALMVIEW PCT. 3 11/05/15

Date 11/06/15

1 1049 R&B PCT#3-UNEARNED REV-ICA VETERANS BLVD 5-1200-223-00-123-084-0-000 461,570.00

Total: 461,570.00

Check Total 461,570.00
Cash Total .00
Credit Total .00
Other Total .00



COUNTY COMMISSIONER PRECINCT 3
County of Hidalgo

Joe M. Flores
County Commissioner Pct. No. 3

TO: Norma Garcia, Treasurer
Hidalgo County Treasurer's Dept.

FROM: Joe M. Flores, Commissioner
Hidalgo County Precinct #3

DATE: November 05, 2015

REF: Check from City of Palmview

The enclosed check is from the City of Palmview in the amount of \$461,570.00 as agreed on the ICA approved in Commissioner's Court on March 17th 2015. Please deposit check in the following account:

5-1200-223-00-123-084-0-000 R&B Pct #3-Unearned Rev-ICA Veterans Blvd.

Thank you and should you need additional information, please call Norma Ceballos at extension #3007.

Check Received by: _____

Date: _____

1049

**CITY OF PALMVIEW
PALMVIEW MUNICIPAL DEVELOPMENT DISTRICT**

400 W. VETERANS BLVD.
PALMVIEW, TX 78572
PH: 956-432-0300



10/26/2015

PAY TO THE ORDER OF COUNTY OF HIDALGO

\$ **461,570.00

Four Hundred Sixty-One Thousand Five Hundred Seventy and 00/100*****

DOLLARS

COUNTY OF HIDALGO



[Handwritten Signature]
CITY OF PALMVIEW
AUTHORIZED SIGNATURE

MEMO 495 Project Phase 1

⑈001049⑈ ⑆114911687⑆ 2025014686⑈

FD Security features. Details on back.

CITY OF PALMVIEW
COUNTY OF HIDALGO

PHASE 1

10/26/2015

1049

461,570.00

Palmview MDD #4686 495 Project Phase 1

461,570.00

STATE OF TEXAS §
COUNTY OF HIDALGO §

**INTERLOCAL COOPERATION AGREEMENT BETWEEN THE COUNTY OF
HIDALGO AND CITY OF PALMVIEW, TEXAS CONCERNING CERTAIN
IMPROVEMENTS TO VETERANS BOULEVARD (SH 495)
FROM ABRAM ROAD EAST TO LA HOMA ROAD**

THIS agreement is made on this the 17th day of March, 2015 by and between the CITY OF PALMVIEW, TEXAS, hereinafter referred to as the "City" and the COUNTY OF HIDALGO, Texas hereinafter referred to as "County", pursuant to the provisions of the Texas Interlocal Cooperation Act, as follows:

WITNESSETH:

WHEREAS, the City is a home rule municipality located in Hidalgo County, Texas;

WHEREAS, the County is a county in the State of Texas;

WHEREAS, the City and County desire to cooperate in making needed transportation improvements to Veterans Boulevard (SH 495) from Abram Road East to La Homa Road as outlined in Exhibit A; and

WHEREAS, the City and County agree it is essential to develop this very important corridor, which is in much need of improvements, specifically in need of adding capacity for increased safety; and

WHEREAS, the County will be the fiduciary agent for this project and assume the role of project development lead;

WHEREAS, the County desires to proceed with the Engineering, Public Involvement, Environmental, Schematics, of the Road (the Phase I");

WHEREAS, at this time the County desires to complete Phase I of the project development, which includes the Engineering, Public Involvement, Environmental, Schematics services for this project;

WHEREAS, the City and County will cooperatively seek to fund the construction and ROW costs of this project through the Hidalgo County Metropolitan Planning Organization (HCMPO) and TxDOT;

WHEREAS, the total Phase I project development cost is estimated to be \$923,140.00 of which the County will contribute an estimated amount of \$461,570.00; 50%.

WHEREAS, the City desires to cooperate by contributing a total sum not to exceed the amount of \$461,570.00 to the County toward the project development activities;

50%.

WHEREAS, the County and City are authorized to enter into this Agreement pursuant to the Interlocal Cooperation Act, Texas Government Code 791.001 et. Seq. which authorizes local governments to contract with each other to perform governmental functions and services under the terms of the Act; and

WHEREAS, the City agrees to support the proposition that the County assumes the role of project sponsor to develop the Phase I of the project development, which includes the Engineering, Public Involvement, Environmental, Schematics services of the Road project within the City limits.

NOW, THEREFORE, County and City, in consideration of the mutual covenants expressed hereinafter, agree to enter into this agreement as follows:

1. The County agrees to complete Phase I of the project development, which includes the Engineering, Environmental Assessment, Public Involvement & Schematic services more particularly described in that portion of Exhibit B attached hereto and made a part hereof for all purposes that relates to said Phase I.
2. The road at various points passes through the jurisdiction of City and County and forms a connecting link or integral part of the County road system.
3. The City shall pay County as its contribution for Phase I of the Project the sum of \$461,570.00 at time of execution of this Agreement.
4. City, pursuant to Tex. Trans. Code 251.012, authorizes County to perform the work and services described herein within its corporate city limits
5. Each party agrees to conform to its own applicable purchasing laws, regulations, policies, and procedures with respect to the portion of the work under this Agreement performed by each party.
6. Conflict of Applicable Law: Nothing in this Agreement shall be construed so as to require the commission of any act contrary to law, and whenever there is any conflict between any provision of their Agreement and any present or future law, ordinance, or administrative, executive or judicial regulation, order or decree, or amendment thereof, contrary to which the parties have no legal right to contract, the latter shall prevail, but in such event the affected provision or provisions of the Agreement shall be modified only to the extent necessary to bring them within the legal requirements and only during the time such conflict exists.
7. No Waiver: No waiver by any party hereto of any breach of any provision of the Agreement shall be deemed to be a waiver of any preceding or succeeding breach of the same or any other provision hereof.
8. Entire Agreement: This Agreement contains the entire contract between the parties hereto and each party acknowledges that neither has made (either directly or through any agreement or representative) and representation or agreement in connection with this Agreement not specifically set forth herein.

This Agreement may be modified or amended only by agreement in writing executed by the City and County, and not otherwise.

9. **TEXAS LAW TO APPLY: THIS AGREEMENT SHALL BE CONSTRUED UNDER AND IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS, AND ALL OBLIGATION OF THE PARTIES CREATED HEREUNDER ARE PERFORMABLE IN HIDALGO COUNTY, TEXAS. THE PARTIES HEREBY CONSENT TO PERSONAL JURISDICTION IN HIDALGO COUNTY, TEXAS.**

10. **Notice: Except as maybe otherwise specifically provided in this Agreement, all notices, demands, requests or communication required or permitted hereunder shall be in writing and shall either be (i) personally delivered against a written receipt, or (ii) sent by registered or certified mail, return receipt requested, postage prepaid and addressed to the parties at the addresses set forth below, or at such other addresses as may have been theretofore specified by written notice delivered in accordance herewith:**

**If to City: City of Palmview
Attention: Gerardo Perez, Mayor
400 W. Veterans Blvd.
Mission, Texas 78572**

**If to County: Hidaigo County, Texas
Attention: Ramon Garcia, Hidaigo County Judge
302 W. University Drive
Edinburg, Texas 78539**

**With copy to: Joe Flores, Commissioner, Precinct No. 3
724 N. Breyfogle
Mission, Texas 78572**

11. **Each notice, demand, request or communication which shall be delivered or mailed in the manner described above shall be deemed sufficiently given for all purposes at such time as it is personally delivered to the addressee, or, if mailed, at such time as it is deposited in the United States mail.**

12. **Additional Documents: The parties hereto covenant and agree that they will execute such other and further instruments and documents as are or may become necessary or convenient to effectuate and carry out the terms of this agreement.**

13. **Successors. This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, legal representatives, successors, and assigns where permitted by this Agreement.**

14. **Assignment: This Agreement shall not be assignable.**

15. Headings. The headings and captions contained in this Agreement are solely for the convenience reference and shall not be deemed to affect the meaning or interpretation of any provision of paragraph hereof.
16. Gender and Number. All pronouns used in this Agreement shall include the other gender, whether used in the masculine, feminine or neuter gender, and singular shall include the plural whenever and as often as may be appropriate.
17. Authority to Execute. The execution and performance of this Agreement by the City and County have been duly authorized by all necessary laws, resolutions or corporate action, and this Agreement constitutes the valid and enforceable obligations of the City and County in accordance with its terms.
18. Governmental Purpose. Each party hereto is entering into the agreement for the purpose of providing for governmental services or functions and will pay for such services out of current revenues available to the paying party as herein provided.
19. Commitment or Current Revenues Only. In the event that during any term hereof; the governing body of any party does not appropriate sufficient funds to meet the obligations of such party under this Agreement, then any party may terminate this Agreement upon ninety (90) days written notice to the other party. Each of the parties hereto agrees, however, to use its best efforts to secure funds necessary for the continued performance of this Agreement. The parties intend this provision to be a continuing right to terminate this Agreement at the expiration of each budget period of each party hereto pursuant to the provisions of Tex. Loc. Govt. Code Ann. §271.903

WITNESS THE HANDS OF THE PARTIES effective as of the day and year first written above.

CITY OF PALMVIEW

By: _____

Gerardo Perez, Mayor

ATTEST:

Beena Deyo
City Secretary

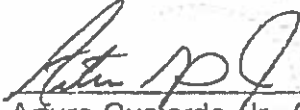
COUNTY OF HIDALGO

By: _____

Ramon Garcia, County Judge

APPROVED BY
COMMISSIONERS' COURT
ON: 3/17/15

ATTEST:



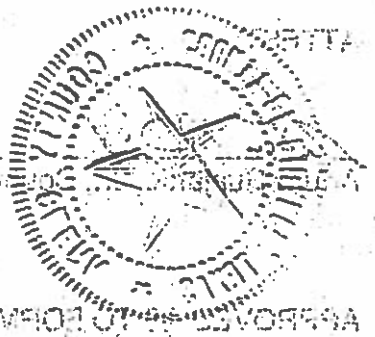
Arturo Guajardo, Jr., County Clerk

APPROVED AS TO FORM:

ATLAS, HALL & RODRIGUEZ, LLP

By: 

Stephen L. Crain



Secretary

APPROVED

ATTEST: JAMES L. ROBINSON, III

Secretary

STATE OF TEXAS §
 §
COUNTY OF HIDALGO §

**APPROVAL OF
INTERLOCAL COOPERATION AGREEMENT
PROJECT**

In accordance with Texas Government Code §791.014, Hidalgo County, Texas, acting by and through the Hidalgo County Commissioners Court, has been advised of a proposed project regarding certain road improvements to Veterans Boulevard (SH 495) from Abram Road East to La Homa Road, a section which is within the City limits of City through an Interlocal Cooperation Agreement to be entered into with the City of Palmview, Texas, and Hidalgo County.

By vote on March 17, 2015, the Hidalgo County Commissioners Court has approved the Project identified above.

Ramon Garcia
By: Ramon Garcia, County Judge

ATTEST:

Arturo Guajardo, Jr.
Arturo Guajardo, Jr., County Clerk

APPROVED BY
COMMISSIONERS' COURT
ON: 3/17/15

APPROVED AS TO FORM:

ATLAS, HALL & RODRIGUEZ, LLP

By: SLC
Stephen L. Crain

2018

STATE OF TEXAS
COUNTY OF DALLAS

IN WITNESS WHEREOF, I have hereunto set my hand and the seal of said County at Dallas, Texas, this 15th day of August, 2018.

Approved by the Board of Commissioners of the County of Dallas, Texas, on this 15th day of August, 2018, for the purpose of executing the same, the following Commissioners have signed their names to this order: [List of names]

Approved by the Board of Commissioners of the County of Dallas, Texas, on this 15th day of August, 2018, for the purpose of executing the same, the following Commissioners have signed their names to this order: [List of names]

[Faint signature and text block]

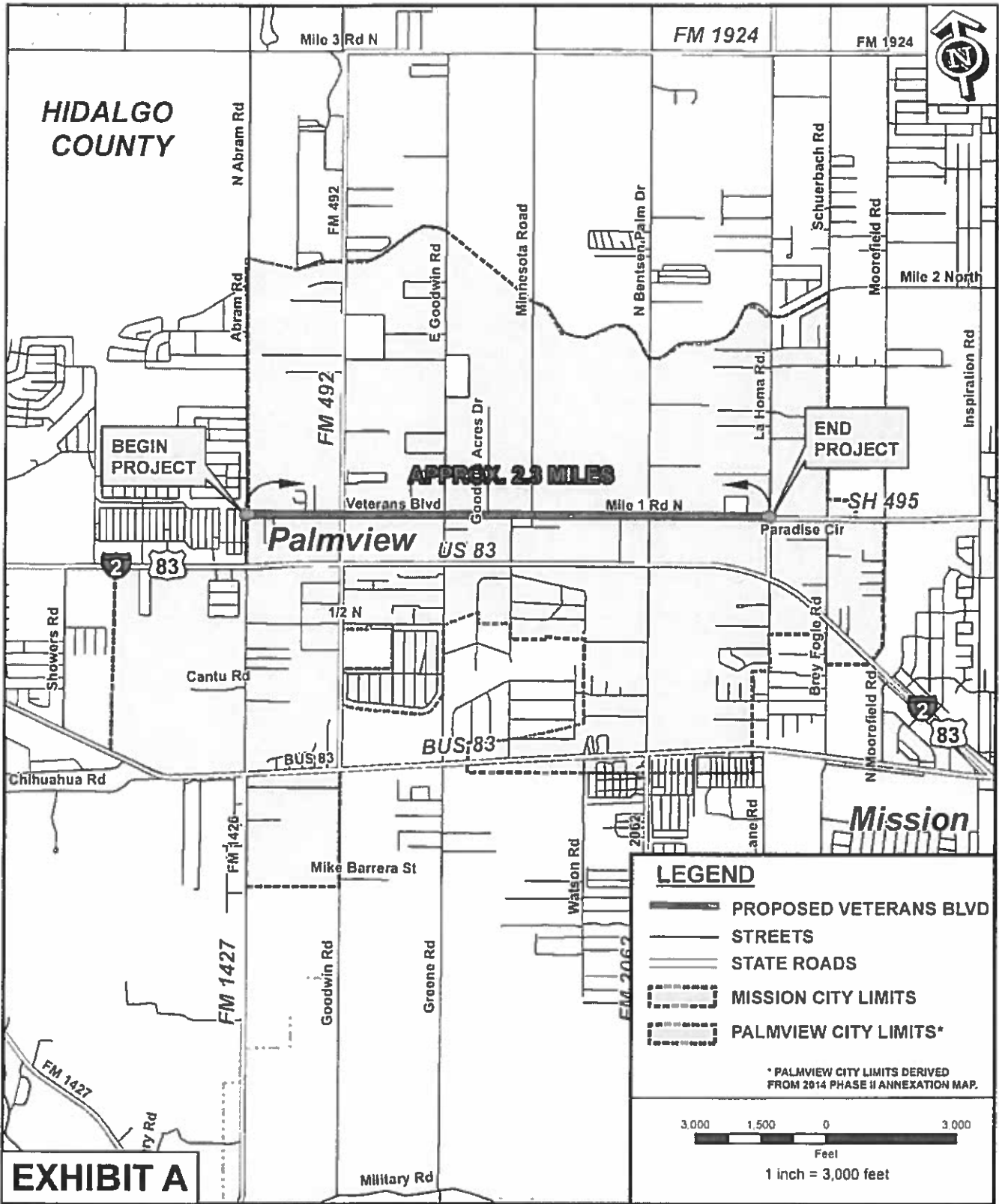


ATLAS, HALL & ROBINSON LLP
Dallas, Texas

EXHIBIT "B"
VETERANS BOULEVARD PROJECT (SH 495 EXTENSION)
ESTIMATED PRELIMINARY PROJECT FACT SHEET COSTS

ROADWAY PROJECT:	VETERANS BOULEVARD (SH 495 Extension)		
LIMITS:	from Abram Road to La Homa Road		
EXISTING ROADWAY SECTION:	40-ft Rural		
EXISTING ROW WIDTH:	70' to 85' Varies		
PROPOSED ROADWAY SECTION:	4-lane divided urban w/o Shoulders		
PROPOSED ROW WIDTH:	80-FT		
ESTIMATED CONSTRUCTION COST ... (ROADWAY ONLY).....	\$10,350,000.00		
LENGTH FOR 4-LANE ROADWAY ... (SECTION II)	2.3	Miles	
ESTIMATED PROJECT COSTS	ESTIMATED % LOCAL COST	TOTAL ESTIMATED PROJECT COST	ESTIMATED LOCAL COST
PHASE I - EA, PUBLIC INVOLVEMENT & SCHEMATIC DESIGN			
Environmental Document with TxDOT (18 months)	100%	\$ 149,850.00	\$ 149,850.00
Public Involvement for the project with stakeholders and 1 Public Meeting (3 Months)	100%	\$ 41,625.00	\$ 41,625.00
Archeological and Historical Research	100%	\$ 65,000.00	\$ 65,000.00
Engineering Technical Support at Public Mtgs with Layouts etc	100%	\$ 31,500.00	\$ 31,500.00
Schematic for Roadway	100%	\$ 149,040.00	\$ 149,040.00
Hydrological Map for Outfall Drain Ditch	100%	\$ 66,000.00	\$ 66,000.00
Schematics for Outfall Ditches	100%	\$ 99,000.00	\$ 99,000.00
Schematic Design for Siphon with Steel Pipe Bypass for Irrig Dist.	100%	\$ 33,000.00	\$ 33,000.00
Estimated Environmental Document Review Charges by TxDOT	100%	\$ 80,000.00	\$ 80,000.00
Office Surveys for Schematic (Prel. Ownership Identification and Property Rights	100%	\$ 42,000.00	\$ 42,000.00
Preliminary Compensable Utilities Identification on Schematic	100%	\$ 54,000.00	\$ 54,000.00
Update Schematic based on comments as provide by TxDOT/FHWA	100%	\$ 48,000.00	\$ 48,000.00
Engineering Technical Support at Public Hearing with Layouts etc	100%	\$ 22,500.00	\$ 22,500.00
Public Involvement for 1 Public Hearing	100%	\$ 41,625.00	\$ 41,625.00
SUB-TOTAL		\$ 923,140.00	\$ 923,140.00
PHASE II & III FOR INFORMATION PURPOSES ONLY			
PHASE II - PS&E and CONSTRUCTION OVERSIGHT			
Field Surveys for Design and Construction	100%	\$ 110,400.00	\$ 110,400.00
PS&E Development Roadway (7% Engineering Fee)	100%	\$ 724,500.00	\$ 724,500.00
Engineering Fee to Create 1 set of Plans and Submit through TxDOT	100%	\$ 66,000.00	\$ 66,000.00
Permitted Utilities Coordination to adjust	100%	\$ 100,800.00	\$ 100,800.00
ROADWAY CONSTRUCTION COST (100% STATE/FED)	0%	\$ 10,350,000.00	\$ -
TxDOT Construction Inspection (11%) (100% STATE/FED)	0%	\$ 1,138,500.00	\$ -
Eng Consultant Construction Management (18 Months)	100%	\$ 189,000.00	\$ 189,000.00
SUB-TOTAL		\$ 12,679,200.00	\$ 1,190,700.00
PHASE III - ROW ACQUISITION			
Complete ROW Map (Estimated 66 Parcels)	100%	\$ 257,400.00	\$ 257,400.00
Right-of-Way Costs - Acq. Services @ (est. 66 Parcels @ \$13,800/Parcel Avg.)	100%	\$ 910,800.00	\$ 910,800.00
Right-of-Way Costs - High Pressure Gasline Adjustment (80/20)	20%	\$ 250,000.00	\$ 50,000.00
Estimated Compensable Utility Mgmt for Acq. of Property Rights and Compensate for Utility Adjust(s)	100%	\$ 162,000.00	\$ 162,000.00
Estimated Roadway Right-of-Way Costs (ESTIMATED 2.8 Ac. @ \$5.5/ sq ft) (80/20)	20%	\$ 789,360.00	\$ 157,872.00
COMPENSABLE UTILITY (Water, Sewer, Telephone, Electricity, etc.) (80/20)	20%	\$ 260,000.00	\$ 52,000.00
SUB-TOTAL		\$ 2,629,560.00	\$ 1,590,072.00
ESTIMATED TOTAL		\$ 16,231,900.00	\$ 3,703,912.00

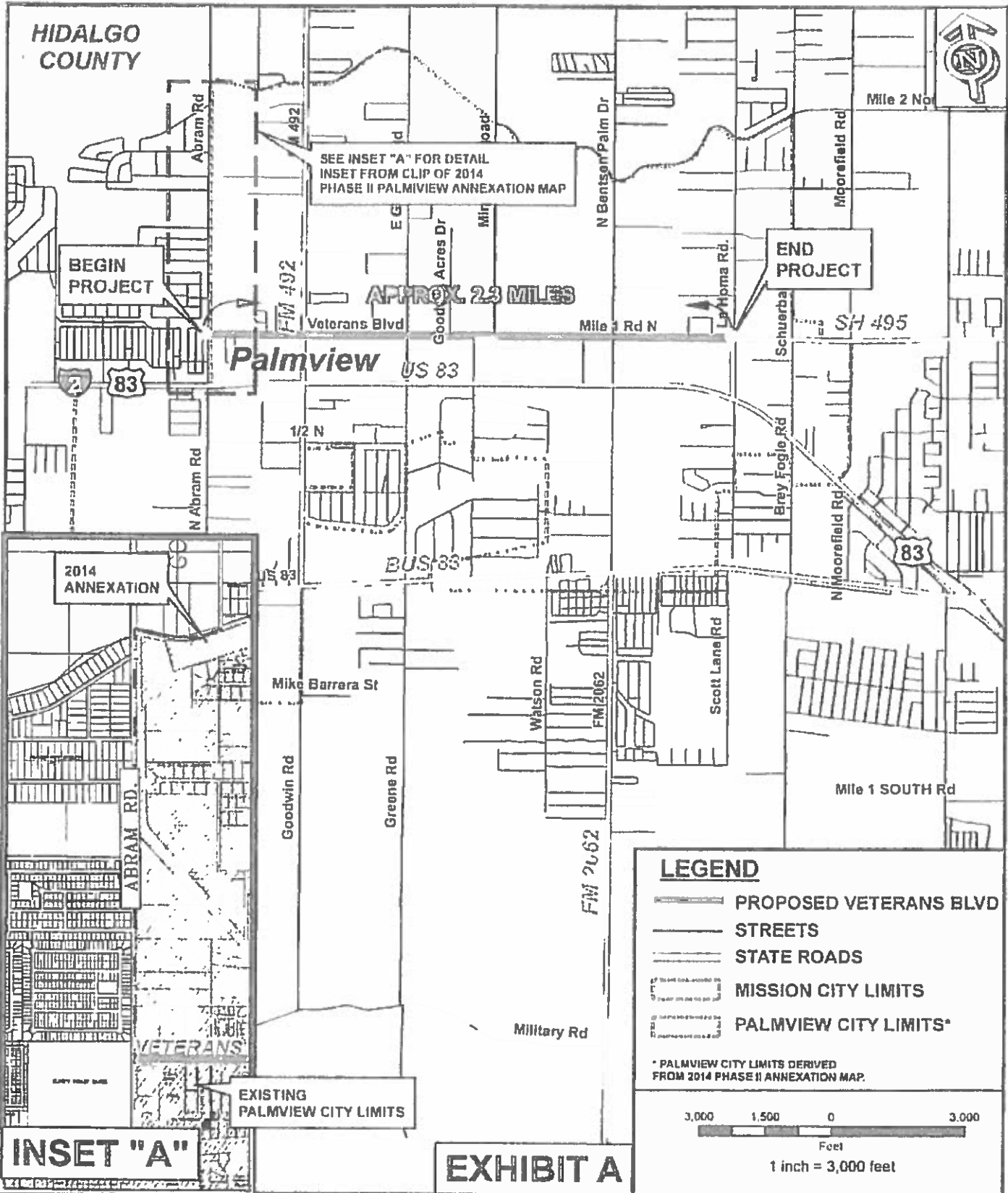
TOTAL ESTIMATED PROJECT COST: \$ 16,231,900.00



VETERANS BLVD (SH 495) LOCATION MAP

FROM ABRAM RD TO LA HOMA (SH 364) APPROX. 2.3 MILES





**VETERANS BLVD (SH 495)
LOCATION MAP**

FROM ABRAM RD TO LA HOMA (SH 364) APPROX. 2.3 MILES



EXHIBIT "B"
VETERANS BOULEVARD PROJECT (SH 495 EXTENSION)
ESTIMATED PRELIMINARY PROJECT FACT SHEET COSTS

ROADWAY PROJECT:	VETERANS BOULEVARD (SH 495 Extension)		
LIMITS:	from Abram Road to La Homa Road		
EXISTING ROADWAY SECTION:	40-ft Rural		
EXISTING ROW WIDTH:	70' to 85' Varies		
PROPOSED ROADWAY SECTION:	4-lane divided urban w/o Shoulders		
PROPOSED ROW WIDTH:	80-FT		
ESTIMATED CONSTRUCTION COST ...(ROADWAY ONLY).....	\$10,350,000.00		
LENGTH FOR 4-LANE ROADWAY ...(SECTION II)	2.3	Miles	
ESTIMATED PROJECT COSTS	ESTIMATED % LOCAL COST	TOTAL ESTIMATED PROJECT COST	ESTIMATED LOCAL COST
PHASE I - EA, PUBLIC INVOLVEMENT & SCHEMATIC DESIGN			
Environmental Document with TxDOT (18 months)	100%	\$ 149,850.00	\$ 149,850.00
Public Involvement for the project with stakeholders and 1 Public Meeting (3 Months)	100%	\$ 41,625.00	\$ 41,625.00
Archeological and Historical Research	100%	\$ 65,000.00	\$ 65,000.00
Engineering Technical Support at Public Mtgs with Layouts etc	100%	\$ 31,500.00	\$ 31,500.00
Schematic for Roadway	100%	\$ 149,040.00	\$ 149,040.00
Hydrological Map for Outfall Drain Ditch	100%	\$ 66,000.00	\$ 66,000.00
Schematics for Outfall Ditches	100%	\$ 99,000.00	\$ 99,000.00
Schematic Design for Siphon with Steel Pipe Bypass for Irrig Dist.	100%	\$ 33,000.00	\$ 33,000.00
Estimated Environmental Document Review Charges by TxDOT	100%	\$ 80,000.00	\$ 80,000.00
Office Surveys for Schematic (Prel. Ownership Identification and Property Rights)	100%	\$ 42,000.00	\$ 42,000.00
Preliminary Compensable Utilities Identification on Schematic	100%	\$ 54,000.00	\$ 54,000.00
Update Schematic based on comments as provide by TxDOT/FHWA	100%	\$ 48,000.00	\$ 48,000.00
Engineering Technical Support at Public Hearing with Layouts etc	100%	\$ 22,500.00	\$ 22,500.00
Public Involvement for 1 Public Hearing	100%	\$ 41,625.00	\$ 41,625.00
SUB-TOTAL		\$ 923,140.00	\$ 923,140.00
PHASE II & III FOR INFORMATION PURPOSES ONLY			
PHASE II - PS&E and CONSTRUCTION OVERSIGHT			
Field Surveys for Design and Construction	100%	\$ 110,400.00	\$ 110,400.00
PS&E Development Roadway (7% Engineering Fee)	100%	\$ 724,500.00	\$ 724,500.00
Engineering Fee to Create 1 set of Plans and Submit through TxDOT	100%	\$ 66,000.00	\$ 66,000.00
Permitted Utilities Coordination to adjust	100%	\$ 100,800.00	\$ 100,800.00
ROADWAY CONSTRUCTION COST (100% STATE/FED)	0%	\$ 10,350,000.00	\$ -
TxDOT Construction Inspector (11%) (100% STATE/FED)	0%	\$ 1,138,500.00	\$ -
Eng Consultant Construction Management (18 Months)	100%	\$ 189,000.00	\$ 189,000.00
SUB-TOTAL		\$ 12,579,200.00	\$ 1,190,700.00
PHASE III - ROW ACQUISITION			
Complete ROW Map (Estimated 65 Parcels)	100%	\$ 257,400.00	\$ 257,400.00
Right-of-Way Costs - Acc Services @ (est. 65 Parcels @ \$13,800/Parcel Avg)	100%	\$ 910,800.00	\$ 910,800.00
Right-of-Way Costs - High Pressure Gasline Adjustment (60/20)	20%	\$ 50,000.00	\$ 50,000.00
Estimated Compensable Utility Claim for Acq. of Property Rights and Compensate for Utility Adjusts)	100%	\$ 162,000.00	\$ 162,000.00
Estimated Roadway Right-of-Way Costs (ESTIMATED 2.8 Ac. @ \$5.67/sq ft) (60/20)	20%	\$ 789,350.00	\$ 157,872.00
COMPENSABLE UTILITY (Water, Sewer, Telephone, Electricity, etc.) (60/20)	20%	\$ 260,000.00	\$ 52,000.00
SUB-TOTAL		\$ 2,629,560.00	\$ 1,590,072.00
ESTIMATED TOTAL		\$ 16,231,900.00	\$ 3,713,812.00

TOTAL ESTIMATED PROJECT COST: \$ 16,231,900.00

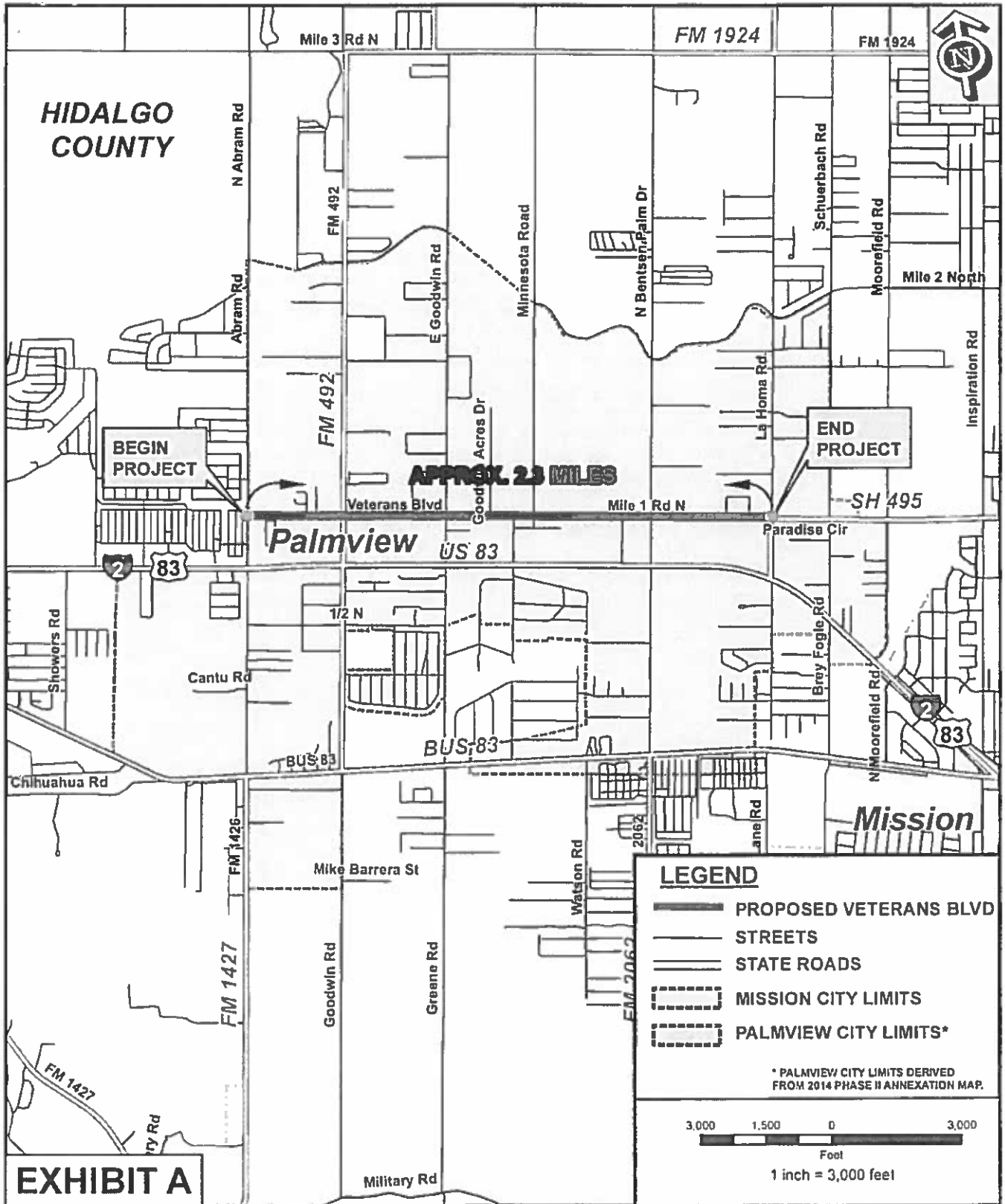


EXHIBIT A



VETERANS BLVD (SH 495) LOCATION MAP

FROM ABRAM RD TO LA HOMA (SH 364) APPROX. 2.3 MILES



HIDALGO COUNTY
Professional Engineering Services
Contract # C-15-161-11-17
Work Authorization Form

WORK AUTHORIZATION NO. 1

THIS WORK AUTHORIZATION is made pursuant to the terms and conditions of Article 1 of the Agreement made by and between HIDALGO COUNTY, action herein by and through the Commissioner's Court, hereinafter called the "Owner," and, L&G Consulting Engineers, Inc. d/b/a L&G Engineering, professional engineers of Mercedes, Texas hereinafter called "Engineer".

PART 1. SCOPE OF WORK

The purpose of this Work Authorization is for the Engineer to provide Engineering Services required for the preparation for the Environmental Assessment, Public Involvement, Schematic and Hydrologic Design for the Veterans Boulevard (SH 495) project from Abram Road to La Homa Road (FM 364).

The scope of services to be provided by the Owner is identified in *EXHIBIT "A" - Scope of Services to be provided by the Owner* attached hereto.

The scope of services to be provided by the Engineer is identified in *EXHIBIT "B" - Scope of Services to be provided by the Engineer* attached hereto.

PART 2. ESTIMATED COST

The estimated cost for services under this Work Authorization is \$843,140.00. This amount is based upon the costs outlined in the Estimated Cost Proposal attached hereto as *EXHIBIT "D-1" - Estimated Man-hour Breakdown*.

PART 3. PAYMENT

Compensation and payment to the Engineer for the services established under this Work Authorization shall be made in accordance with Article 6 of the Agreement.

PART 4. FUNDING

This Work Authorization No. 1 shall be funded through funding source:

Account No. _____

Requisition Number _____ (MUST BE INCLUDED AFTER CC APPROVAL)

PART 5. PERIOD OF SERVICE

This Work Authorization shall become effective on the date of final acceptance of the parties hereto, and terminate upon completion of scopes of the work authorization, as identified on *EXHIBIT "C" - Work Schedule*.

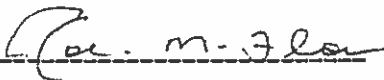
PART 6. RESPONSIBILITIES AND OBLIGATIONS

This Authorization does not waive the parties' responsibilities and obligations provided under the Agreement.

PART 7. ACKNOWLEDGEMENT AND CONFIRMATION

Acknowledgement and confirmation by Hidalgo County Precinct No. 3, Commissioner Joe Flores as to the content and detail of this Work Authorization No. 1.

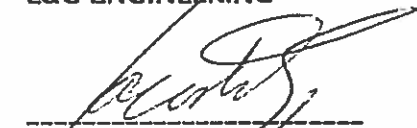
**HIDALGO COUNTY
COMMISSIONER PRECINCT NO. 3**

BY: 

PART 8. ACCEPTANCE AND APPROVAL

This Work Authorization is hereby accepted, approved by Hidalgo County Commissioners' Court on _____ as indicated below.

**THE ENGINEER:
L&G ENGINEERING**


By: **Jacinto Garza, P.E.
President**

**THE OWNER:
HIDALGO COUNTY**

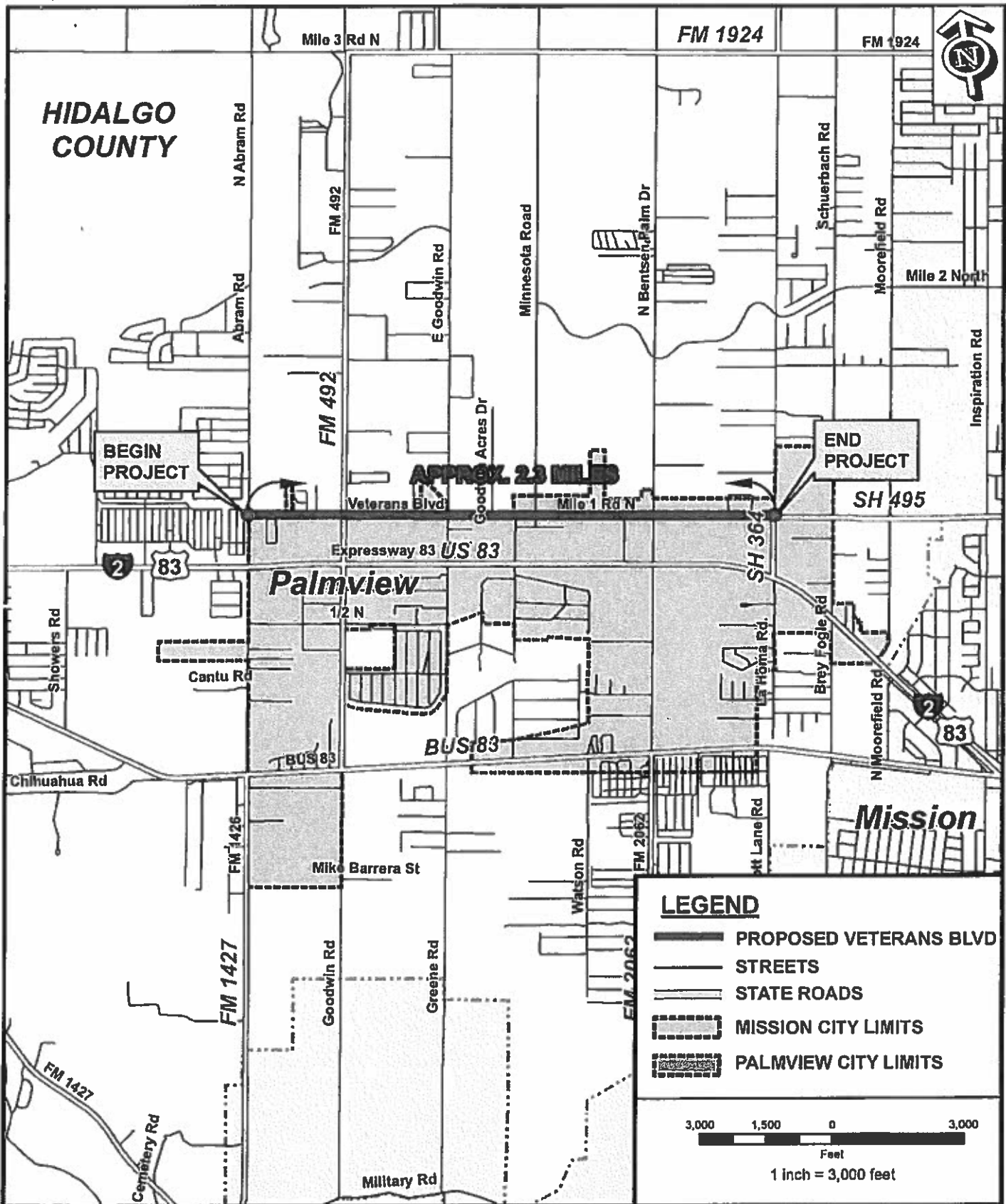
By: **Ramon Garcia,
County Judge**

ATTEST:

By: **Arturo Guajardo, Jr., County Clerk**

LIST OF EXHIBITS

- Location Map
- Exhibit A - Services to be provided by Owner
- Exhibit B - Services to be provided by Engineer
- Exhibit C - Work Schedule
- Exhibit D-1 - Estimated Man-hour Breakdown



L&G Engineering
 Highway/CM • Survey/Mapping
 Environmental • Geotechnical
 Construction • Field Testing
 Right-of-Way Acquisition Provider Services

3150 W. Expressway 83
 Mission, TX 78148
 Phone: (361) 888-8613
 Fax: (361) 888-8715
 Toll Free: (800) 852-0913

800 E. Broad St., Ste 8
 Brownsville, TX 78130
 Phone: (361) 888-1379
 Fax: (361) 888-1327
 Toll Free: (800) 852-1329

VETERANS BLVD (SH 495) LOCATION MAP

FROM ABRAM RD TO LA HOMA (SH 364) APPROX. 2.3 MILES



EXHIBIT "A"

Services to be provided by the County

1. The County will issue work authorization to initiate all required services and designate the authorized representative of the coordination of each work authorization.
2. The County will provide copies of all subdivision plats of record and/or in the subdivision process.
3. The County will provide the Engineer with on-going guidance, timely reviews, and decisions necessary to complete services required by the work authorization in order to permit the Engineer to maintain an agreed upon project schedule.
4. The County will process all acceptable requests for payment in a timely manner.

EXHIBIT "B"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 1-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/CITY: HIDALGO COUNTY

CONTROL: 0865-01-082

PROJECT/DESCRIPTION: PROPOSED URBAN ROADWAY

LENGTH: 2.3 MILES

HIGHWAY: VETERANS BOULEVARD (SH 495)

LIMITS: FROM ABRAM RD TO LA HOMA RD (SH 364)

PROJECT CLASSIFICATION

(Place an "X" in only one Project Classification)

- Surface Treatment
- Overlay
- Rehabilitation Existing Road (Scarify & Reshape)
- Convert Non-Freeway to Freeway
- Widen Freeway
- Widen Non-Freeway
- New Location Toll Freeway
- New Location Non-Freeway
- Interchange (New or Reconstruct)
- Bridge Widening or Rehabilitation
- Bridge Replacement
- Upgrade to Standards - Freeway
- Upgrade to Standards - Non-Freeway
- Miscellaneous Studies (Use Function Code 110 for All Tasks)

ENGINEER shall mean L&G Engineering.

SURVEYOR shall mean _____.

STATE shall mean Texas Department of Transportation and/or City of Palmview.

COUNTY shall mean the Hidalgo County.

CITY shall mean the Palmview.

EXHIBIT "B"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 2 – FEASIBILITY STUDIES
 (Function Code 102)

Services Provided By:		
<u>ENGINEER</u>	<u>CITY/COUNTY</u>	
<u>YES</u>	<u>NO</u>	Preliminary Design Values <i>The Engineer will work with the Owner to establish basic design concepts, project controls and general scope of Projects.</i>
<u>YES</u>	<u>NO</u>	Preliminary Route Locations on Uncontrolled Mapping <i>The Engineer will evaluate various alternatives (route locations, alignment shifts, geometry) for the Project.</i>
<u>YES</u>	<u>NO</u>	Uncontrolled Mapping (w/Contours & GIS Info) <i>The Engineer will investigate the existing routes and coordinate with the Owner on establishing the best-fit alignments and mapping proposed geometry for Projects. Preliminary Location Exhibit will be developed.</i>
<u>YES</u>	<u>NO</u>	Preliminary Traffic Evaluations & Trends <i>The Engineer will investigate existing traffic models and trends for the proposed Projects and adjacent roadways tying into the proposed Projects.</i>
<u>YES</u>	<u>NO</u>	Preliminary Hydrologic Map <i>The Engineer will develop a Hydrologic Map for the Projects. Hydrologic Maps will be based on LIDAR and GIS information.</i>
<u>YES</u>	<u>NO</u>	Preliminary ROW Requirements <i>The Engineer will research and identify affected property owners on the Projects utilizing the latest appraisal district file information from Hidalgo County Appraisal District and information from Carson Maps.</i>
<u>YES</u>	<u>NO</u>	Preliminary Cost Estimates <i>The Engineer will calculate preliminary construction cost estimates for the location and geometry of the Projects.</i>
<u>YES</u>	<u>NO</u>	Preliminary Environmental Analysis (for fatal flaws) <i>The Engineer will perform Preliminary Environmental Constraint Mapping to determine if any fatal flaws exist along the proposed alignment.</i>
<u>YES</u>	<u>NO</u>	Project Fact Sheet with Est. Local Cost vs. Total Project Cost <i>The Engineer will produce a Project Fact Sheet providing summaries of all pertinent items in this scope of services (as required) and providing estimated local costs vs. total project costs for the Projects.</i>
<u>YES</u>	<u>NO</u>	Meetings, Coordination & Support for Project Development <i>The Engineer shall provide coordination services and shall assist in meetings and workshops with TxDOT, Hidalgo County, Hidalgo County Drainage District No. 1 and Hidalgo County Irrigation Districts, and all other affected parties. The Engineer shall serve as representative for the Owner in coordination items. The Engineer shall coordinate with the Owner's staff on all Project related items.</i>

EXHIBIT "B"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 3 - ROUTE AND DESIGN STUDIES
(Function Code 110)

Services
Provided By:
ENGINEER CITY/COUNTY

<u>YES</u>	<u>NO</u>	1. Route Location Studies
<u>N/A</u>	<u>N/A</u>	2. Level of Service Analysis
<u>YES</u>	<u>NO</u>	3. Traffic Evaluations and Projections
<u>YES</u>	<u>NO</u>	4. Develop Roadway Design Criteria
<u>YES</u>	<u>NO</u>	5. Preliminary Cost Estimates
<u>YES</u>	<u>NO</u>	6. Design Schematic (See Section 7, page 7-1 for schematic layout requirements)
<u>YES</u>	<u>NO</u>	7. Preliminary Right-of-Way Requirements
<u>YES</u>	<u>NO</u>	8. Design Concept Conference
<u>N/A</u>	<u>N/A</u>	9. Soil Core Hole Drilling
<u>N/A</u>	<u>N/A</u>	a. Pavement (See Section 7, pages 7-2 thru 7-3 for requirements)
<u>N/A</u>	<u>N/A</u>	b. Retaining Walls (See Section 10, page 10-1 for requirements)
<u>N/A</u>	<u>N/A</u>	c. Miscellaneous Structures (See Section 10, page 10-3 for requirements)
<u>N/A</u>	<u>N/A</u>	d. Bridges (See Section 11, page 11-2 thru 11-3 for requirements)

EXHIBIT "B"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

**SECTION 4 - SOCIAL, ECONOMIC AND ENVIRONMENTAL STUDIES
AND PUBLIC INVOLVEMENT**
(Function Code 120)

Services Provided By:		
<u>ENGINEER</u>	<u>CITY/COUNTY</u>	
		1. Environmental Reports All Environmental Reports shall be in accordance with 43 Texas Administrative Code (TAC) 2.40-2.51, Code of Federal Regulations, Title 23, Part 771 and Highway Design Operations and Procedures Manual, Part II-B.
		a. Environmental Assessments (1) An Environmental Assessment shall be prepared, anticipating a Categorical Exclusion.
<u>N/A</u>	<u>N/A</u>	
<u>YES</u>	<u>NO</u>	(2) An Environmental Assessment shall be prepared in accordance with 23 USC 327 and the 2014 TxDOT-FHWA Memorandum of Understanding, anticipating a Finding of No Significant Impact.
<u>N/A</u>	<u>N/A</u>	(3) An Environmental Assessment shall be prepared, anticipating the need for a Draft Environmental Impact Statement.
		b. Environmental Impact Statement (1) A Draft Environmental Impact Statement shall be prepared. After appropriate interagency and public reviews within time limits prescribed by the Code of Federal Regulations, Title 23, Part 771 and 43 Texas Administrative Code 2.40-2.51, a Final Environmental Impact Statement shall be prepared.
<u>N/A</u>	<u>N/A</u>	
<u>N/A</u>	<u>N/A</u>	(2) A Section 4(f) Statement (Department of Transportation Act) shall be provided by the ENGINEER. The format and content of the statement is found in FHWA Technical Advisory T6640.8A.
		2. Public Involvement All public involvement procedures shall be in accordance with 43 Texas Administrative Code (TAC) 2.40-2.51, Code of Federal Regulations Title 23, Part 771 and Highway Design Operations and Procedures Manual, Part II-B.
<u>YES</u>	<u>NO</u>	a. A public involvement meeting(s) and public hearing shall be scheduled, coordinated and conducted.
<u>YES</u>	<u>NO</u>	b. Technical assistance for one public meeting and one public hearing, preparation of, and maintenance of contact lists, minutes of meeting(s), exhibit preparation, and other tasks outlined by the COUNTY, shall be provided.
<u>YES</u>	<u>NO</u>	c. A Notice of Availability (NOA) shall be published by the COUNTY upon approval of the environmental decision.
		3. Technical Reports All technical reports shall be prepared in accordance with TxDOT's environmental rules and guidelines.
<u>YES</u>	<u>NO</u>	a. Air Quality Analysis An air quality analysis shall be prepared in accordance with the STATE'S Air Quality Guidelines. The air quality analysis shall be provided as a Technical Report and a summary of the air quality results included in the administratively complete document for the project.
<u>YES</u>	<u>NO</u>	b. Biological Technical Report A biological form and technical report shall be prepared in accordance with the STATE'S Biological Guidelines. The report will include water resources, and threatened and endangered species.
		c. Cultural Resources Historical and archeological studies shall be completed in accordance with the STATE'S guidelines.

EXHIBIT "B"

SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services Provided By:		
<u>ENGINEER</u>	<u>CITY/COUNTY</u>	
<u>YES</u>	<u>NO</u>	
		(1) Historic Structure Studies A records search, project coordination request, and reconnaissance survey shall be performed, and documentation prepared regarding identification efforts, National Register eligibility and potential impacts to historic properties in accordance with the state's historic structure requirements.
<u>YES</u>	<u>NO</u>	(2) Archeological Studies File searches, project coordination request, an archeological reconnaissance, and an archeological survey shall be conducted to determine if known archeological sites are present or have been designated State Archeological Landmarks; and to identify the need (if any) to perform additional archeological investigations.
<u>YES</u>	<u>NO</u>	d. Community Impact Analysis A community impact analysis shall be prepared in accordance with the STATE'S Community Impact Guidelines.
<u>YES</u>	<u>NO</u>	e. Hazardous Materials The consultant shall perform an Initial Site Assessment (ISA) for hazardous materials impact in accordance with the American Society for Testing and Materials (ASTM) 1528.93 (Transaction Screen Process) and a Hazardous Materials Technical Report, as needed.
<u>YES</u>	<u>NO</u>	f. Indirect and Cumulative Impacts Analysis An indirect and cumulative impacts analysis shall be prepared in accordance with the STATE's guidelines.
<u>YES</u>	<u>NO</u>	g. Noise Analysis A noise analysis shall be prepared, including predicted noise levels and the consideration and evaluation of noise mitigation, in accordance with the STATE'S Noise Guidelines. The noise analysis shall be provided as a Technical Report and a summary of the noise analysis results shall be included in the administratively complete document.
<u>YES</u>	<u>NO</u>	4. Environmental Scoping The ENGINEER shall initiate the environmental scoping process with TxDOT. An environmental scoping document and risk assessment will be completed in coordination with TxDOT.
<u>YES</u>	<u>NO</u>	5. General Guidelines for Preparation of Environmental Documents <ul style="list-style-type: none"> a. All technical reports will be submitted electronically to TxDOT through their FTP site. b. The draft administratively complete document will be submitted to TxDOT electronically through their FTP site. c. The administratively complete document will be prepared in accordance with the content and format of FHWA Technical Advisory T6640.8A and the TxDOT Administrative Code 43 TAC §2.44. d. The administratively complete document will be submitted to TxDOT electronically through their FTP site. e. Upon completion and approval of the administratively and technically complete document, the Engineer will provide one (1) hard copy to the Client. All copies to TxDOT will be digital. f. Exhibits in the environmental document shall be color copies and text shall be black and white.

EXHIBIT "B"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 7 - ROADWAY DESIGN CONTROLS
(Function Code 160)

Services
Provided By:
ENGINEER COUNTY

- | | | |
|--------------------------|--------------------------|--|
| <u>YES</u>
<u>YES</u> | <u>N/A</u>
<u>N/A</u> | <ol style="list-style-type: none"> 1. Geometric Design <ol style="list-style-type: none"> a. Horizontal and Vertical Alignment (Preliminary based on office surveys) b. Schematic Layout <ol style="list-style-type: none"> (1) The location of interchanges, main lanes, grade separations, frontage roads and ramps. (2) Develop vertical and horizontal alignment of main lanes, ramps and cross roads at proposed interchanges or grade separations. Frontage road alignment data need not be shown on the schematic; however, it should be developed in sufficient detail to determine ROW needs. The degree of horizontal curves and vertical curve data, including "K" values, shall also be shown for ease of checking. (3) For freeways, show the location and text of the proposed main lane guide signs. Lane lines and/or arrows indicating the number of lanes shall also be shown. (4) A complete explanation of the sequence and methods of stage construction, if proposed, including the initial and ultimate proposed treatment of crossovers and ramps. (5) The tentative ROW limits. <ol style="list-style-type: none"> (a) Provide a roadway Design System (RDS) or (GEOPAK) computer tape of the preliminary earthwork to verify ROW requirements. (b) Provide a graphics file containing the approved schematic. (6) The geometric (pavement cross slopes, lane and shoulder widths, slope rates for fills and cuts) of the typical sections of proposed highway main lanes, ramps, frontage roads, and cross roads. (7) The current and projected traffic volumes as provided by the TxDOT (20 year traffic projection, unless otherwise determined by the District Engineer). (8) The control of access lines if Interstate or designated under House Bill 179. (9) Direction of traffic flow on all roadways. (10) Location and width of median openings for highway without access control. (11) The geometric of speed change (acceleration, deceleration, climbing) lanes. |
| <u>YES</u> | <u>N/A</u> | <ol style="list-style-type: none"> 2. General Guidelines for Project Development <ol style="list-style-type: none"> a. Prior to preparing detailed plans for a proposed project, a preliminary schematic layout shall be prepared which indicates the general geometric features and location requirements peculiar to the project. An uncontrolled aerial mosaic will be provided for this use. Four copies of the schematic layout shall be submitted through the district to the Design Division for approval and subsequent coordination with the Federal Highway Administration (FHWA) where applicable. The layout shall be submitted for two-lane arterial highway projects on new locations and for all multi-lane highway projects. No geometric design is to be performed until the COUNTY has given the engineer written approval of the preliminary schematic layout. b. All geometric design shall be in conformance with the State's Design Division, Operations and Procedures Manual, except where variances are permitted in writing by the STATE. c. The schematic layout shall include basic information which is necessary for the proper review and evaluation including the items listed above in the checklist for schematic layout. d. Handling of traffic during construction shall be a consideration in the development of preliminary designs. |

EXHIBIT "B"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

Services
 Provided By:
ENGINEER COUNTY

<u>YES</u>	<u>N/A</u>	<p>2. General Guidelines for Project Development (<i>continued</i>)</p> <p>c. Upon approval of the schematic layout by Design Division (FHWA on Federal-aid projects), it shall be the basis for an exhibit at any required public hearing prior to final development of the project. If there are any changes to the schematic after the Design Division and FHWA approval and before the public hearing, four copies of the revised schematic, as displayed at the hearing, shall be submitted either prior to or accompanying the public hearing data. If there are no changes in the schematic as displayed at the hearing, only photographs of the schematic and other displays shall be submitted with the public hearing data.</p> <p>f. For all freeway construction projects, these schematics shall show the location and text of the proposed main lane guide signs. A schematic layout shall be submitted through the district to the Traffic Operations Division, Traffic Safety Section for approval and subsequent coordination with the FHWA. All signing shall be in conformance with the Texas MUTCD.</p> <p>g. On complex projects, informal contact through the district with the Design Division and FHWA personnel is encouraged with regard to development of preliminary design prior to official schematic submission.</p> <p>h. The engineer shall furnish a project tape that is compatible with the STATE's computer system, a project listing, and a cross section plot showing the original design sections containing the earthwork input and original cross sections for the project. Accuracy of the earthwork design is of utmost importance since it is the basis for contractor payments and construction staking.</p>
<u>N/A</u>	<u>N/A</u>	<p>3. Exhibit for Airway/Highway Clearance Permits</p>
<u>NO</u>	<u>N/A</u>	<p>4. Grading Design</p> <p>a. Refine the horizontal and vertical alignment of main lanes, frontage roads, ramps, cross roads and direct connectors based upon the approved schematic layout. Determine vertical clearances at grade separations and overpasses, taking into account the appropriate super elevation rate.</p>
<u>NO</u>	<u>N/A</u>	b. Typical Sections
<u>NO</u>	<u>N/A</u>	c. Design Cross Sections
<u>NO</u>	<u>N/A</u>	d. Determine Cut and Fill Quantities
<u>N/A</u>	<u>N/A</u>	e. Slope Stability Analysis
<u>N/A</u>	<u>N/A</u>	f. Embankment Foundation Stability Analysis
<u>N/A</u>	<u>N/A</u>	g. Embankment Settlement Analysis
<u>NO</u>	<u>N/A</u>	<p>5. Pavement Design</p> <p>a. Prior to initiating detailed plan preparations for a project, a preliminary investigation shall be made to determine the approximate section and pavement type to be used for the pavement structure. The Flexible Pavement Design Manual for flexible pavement, "Appendix F" of the Design Division, Operations and Procedures Manual, and the current AASHTO Guide for the Design of Pavement Structures, may be used for this purpose.</p>
<u>NO</u>	<u>N/A</u>	<p>b. The typical section shall also reflect proposed geometric including pavement cross slopes, lane and shoulder widths, and slope rates whenever this data have not been previously shown on a schematic submission.</p>
<u>N/A</u>	<u>N/A</u>	<p>c. Embankment and Subgrade</p> <p>(1) Soil Core Holes (Show cost estimate with Function Code 110)</p> <p>(a) Along center line</p> <p>(b) Along center line of each roadway</p> <p>The location and minimum number of soil core holes required for this project are as follows: (To be determined when schematic is being completed)</p>

EXHIBIT "B"
SCOPE OF SERVICES TO BE PROVIDED BY THE ENGINEER

SECTION 8 - DRAINAGE

(Function Code 161)

Services
 Provided By:
ENGINEER COUNTY

All hydraulic design shall be in accordance with the TxDOT's Hydraulic Manual, except where variances are permitted in writing by the COUNTY.

		1. Hydrologic Studies, Discharges
<u>YES</u>	<u>NO</u>	a. Hydrologic map showing drainage areas, contours and drainage Q's.
<u>NO</u>	<u>N/A</u>	b. Drainage area maps showing existing conditions and proposed improvements.
<u>NO</u>	<u>N/A</u>	c. Hydrologic data/discharge determination
		2. Hydraulic Drainage Study and Documentation
		a. Hydraulic computations
<u>NO</u>	<u>N/A</u>	(1) Storm water detention available within the ROW (linear ft. along side drain ditch).
<u>NO</u>	<u>N/A</u>	(2) Storm water detention required outside the ROW (as per HCDD#1)
<u>NO</u>	<u>N/A</u>	(3) Culverts
<u>NO</u>	<u>N/A</u>	(4) Bridge waterways
<u>NO</u>	<u>N/A</u>	(5) Channels
<u>NO</u>	<u>N/A</u>	(6) Storm sewers/inlets
<u>NO</u>	<u>N/A</u>	(7) Pump stations
<u>NO</u>	<u>N/A</u>	(8) Storm Water Management facilities
<u>NO</u>	<u>N/A</u>	(9) Other
		(a) Irrigation Canals/Siphons
<u>NO</u>	<u>N/A</u>	b. Hydraulic report(s)
<u>NO</u>	<u>N/A</u>	c. Federal Emergency Management Agency (FEMA) floodway requirements
<u>NO</u>	<u>N/A</u>	d. Determine impact of proposed drainage plan on the following receiving stream(s)
		(1) Hidalgo County Drainage District Outfalls
		(2) All Irrigation District Outfalls impacted
		3. Layout, Structural Design and Detailing of Drainage Features
		a. Culverts
<u>NO</u>	<u>N/A</u>	(1) New culverts
<u>NO</u>	<u>N/A</u>	(2) Culvert widening and/or lengthening
<u>NO</u>	<u>N/A</u>	(3) Culvert replacements
		b. Storm sewers
<u>NO</u>	<u>N/A</u>	(1) New storm sewers
<u>NO</u>	<u>N/A</u>	(2) Modify existing storm sewers
<u>NO</u>	<u>N/A</u>	(3) Inlets
<u>NO</u>	<u>N/A</u>	(4) Manholes
<u>NO</u>	<u>N/A</u>	(5) Trunk lines
<u>NO</u>	<u>N/A</u>	c. Pump stations
<u>NO</u>	<u>N/A</u>	d. Subsurface drainage at retaining walls
<u>NO</u>	<u>N/A</u>	e. Outfall channel(s) within the ROW
<u>NO</u>	<u>N/A</u>	f. Outfall channel(s) outside the ROW
<u>NO</u>	<u>N/A</u>	g. Detention Pond(s) within the ROW
<u>NO</u>	<u>N/A</u>	h. Detention Pond(s) outside the ROW
<u>NO</u>	<u>N/A</u>	i. Summary of Quantities
<u>NO</u>	<u>N/A</u>	j. Storm Water Management facilities
<u>NO</u>	<u>N/A</u>	4. Storm Water Pollution Prevention Plan (SW3P)
<u>NO</u>	<u>N/A</u>	5. Scour Evaluation - Waterway Structures only (to be completed by Bridge Engineer under FC 170.

EXHIBIT "C"
WORK SCHEDULE
Veterans Boulevard (SH 485) Project
From La Homa Rd. (SH 364) to Abrams Rd. (2.28 Miles)

TASK AND DESCRIPTION	2015			2016			2017			2018			2019			2020		
	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
WORK AUTHORIZATION NO. 1																		
Phase I: EA, PUBLIC INVOLVEMENT, SCHEMATIC																		
(from La Homa Rd. to Abram Rd.)																		
Pre-design Meeting with TxDOT																		
Develop Alternatives & Metrics																		
Develop & Submit Schematic																		
TxDOT Review																		
Advertise & Conduct Public Meeting																		
Select TPA																		
Revise & Submit Final Schematic for FHWA approval																		
FHWA/TxDOT Review & Revisions																		
TxDOT Schematic Approval																		
FHWA Schematic Approval																		
Process Technical Reports																		
Agency Coordination																		
Administratively Complete Document																		
Environmental Decision																		
Hydrological Map																		
Preliminary Compensable Utilities																		
WORK AUTHORIZATION NO. 2																		
Phase II: PS&E, CONSTRUCTION OVERSIGHT																		
Design Field Surveys																		
PS&E Development																		
Geotechnical Soil and Sborr Reports																		
Permitted Utility Coordination																		
TxDOT Construction Inspection																		
Construction Management																		
WORK AUTHORIZATION NO. 3																		
Phase III: ROW Acquisition																		
ROW Map																		
ROW Acquisition Services																		
Compensable Utility Management																		
Compensable Utilities																		

LAG Engineering Tasks
TxDOT Tasks

EXHIBIT D-1



PROPOSAL
CULTURAL RESOURCE INVESTIGATIONS
VETERANS BOULEVARD (SH 495):
FROM ABRAM ROAD TO SH 364 (LA HOMA ROAD)
HIDALGO COUNTY, TEXAS

Task 1: Project Coordination Request, Archeological Background Study Report, and NEPA Text

- A) AmaTerra shall prepare a Non-Archeological Historic Resources Project Coordination Request (December 2013 version) for review and comment by TxDOT-ENV.
- B) AmaTerra will review the existing files held by the Texas Archeological Research Laboratory (TARL) and the Texas Historical Commission (THC) to determine if any previously recorded sites or archeological surveys occur within or near the proposed project area. The location of any previously recorded sites and surveys will be plotted onto USGS 7.5-minute topographic maps for use in the compliance coordination process. Archeologists will also consult the USDA NRCS soil survey maps for Hidalgo County, relevant aerial photography, historical maps, land use maps, and the Geologic Atlas of Texas in order to assess the likelihood for unrecorded archeological resources and make recommendations regarding the need for further field surveys. The results of this effort will be integrated into a background study report that conforms to TxDOT's *Review Standards for Archeological Background Studies* for review and comment by TxDOT-ENV.
- C) AmaTerra shall provide Client with language for the Cultural Resources section of the draft NEPA document.

Task 2: Historic Resources Research Design, Field Investigation, and Survey Report

- A) AmaTerra shall prepare a research design for review and comment by TxDOT-ENV. The research design shall conform to the TxDOT *Research Design Reports Review Standard* (March 2014 version).
- B) AmaTerra shall perform a reconnaissance survey conforming to the methodology outlined in Appendix B of the *Draft CRM Guide for Accurately Identifying Non-Archeological Cultural Resources* (Texas Department of Transportation, April 2006). The survey shall document each historic-age resource (defined by TxDOT as a building, structure, object, historic district or non-archeological site at least 45 years old at the time of letting) within the Study Area. The Study Area shall consist of the Area of Potential Effects (APE) plus all parcels that are wholly or partially within the APE.
- C) AmaTerra shall provide a report detailing the results and findings of the reconnaissance survey including effects to historic properties and the need, if any, to conduct intensive survey efforts. The report shall have sufficient detail and clarity to provide THC with the basis for making determinations of National Register of Historic Places (NRHP) eligibility or shall have sufficient detail and clarity to make recommendations concerning the scope of the intensive survey. The report shall conform to the TxDOT *Reconnaissance Survey Reports Review Standard* (March 2014 version).

Cultural Resource Investigations
Veterans Blvd (SH 495): From Abram Rd. to La Homa Rd. (SH 364)
Hidalgo County, Texas

Task 3: Archeological Field Survey and Survey Report

Should an archeological survey be warranted, AmaTerra will develop an application for a Texas Antiquities Permit and submit it to TxDOT-ENV for review and processing. Upon issuance of the permit, AmaTerra will conduct a field survey. AmaTerra will deploy a team of archeologists to conduct a pedestrian survey including shovel testing along the entire length of the proposed APE. AmaTerra will follow the THC requirement of 16 shovel tests per mile per transect; up to 37 shovel tests would be excavated over the approximately 2.3 miles of the APE wherever potential for archeological materials is present. All excavated soil will be screened through ¼ inch mesh and all artifacts will be analyzed in the field and reburied; no artifacts will be collected. Sites (if any are discovered) will be delineated by digging additional manual shovel tests and their locations will be documented by sub-meter GPS. Sites will be recorded on State of Texas archeological data sheets, photographed and sketch mapped. Backhoe trenching is not anticipated as part of this scope of work.

AmaTerra will prepare a professional report documenting the results of the fieldwork. The report will fully document all methods and results of the survey and will offer clear assessments of NRHP/SAL eligibility for all sites. The report will present explicit management recommendations for each site. The draft report will be presented in electronic format to L&G for review and comment and upon approval will be submitted in hard copy for submission to TxDOT. Upon receipt of review comments, AmaTerra will prepare the final report and distribute these in compliance with the terms of the permit.

SCHEDULE

To be determined in consultation with Client.

ASSUMPTIONS AND CONDITIONS

1. Client will provide one individual to assist AmaTerra with the historic resources field survey.
1. If archeological survey is required following background study, AmaTerra assumes one field mobilization to conduct the work. Repeated field visits necessitated by partial right of entry may be considered supplemental to the currently proposed scope.
2. Backhoe trenching will not be included in the archeological field survey.
3. If TxDOT does not require cultural resources work beyond Task 1, AmaTerra shall only invoice Client for the work listed in the Schedule of Values shown below.

COMPENSATION

Client will compensate AmaTerra on a firm fixed price (lump sum) basis in accordance with the Schedule of Values shown below.

Schedule of Values	
Veterans Boulevard: Abram Road to SH 364 (La Homa Road)	
TASK	
1: Historical and Archeological Project Coordination Request/Draft NEPA Text	\$ 3,861.40
2: Historic Resources Research Design, Reconnaissance Survey and Report	\$ 12,472.50
3: Archeological Survey and Report	\$ 12,009.30
TOTAL	\$ 28,343.20