



**CONSENT AGENDA
DRAINAGE DISTRICT
BOARD OF DIRECTORS
May 30, 2017
9:00 A.M.**

NOTICE is hereby given in accordance with Chapter 551, Texas Government Code, that a SPECIAL MEETING of the Drainage District #1 Board of Directors will be held in the Commissioners Courtroom of the Administration Building, 100 E. Cano, 1st floor, Edinburg, Hidalgo County, Texas. Discussion and possible action relating to the following business will be transacted:

**NOTICE TO THE PUBLIC
CONSENT AGENDA**

The following items are of a routine or administrative nature. The Drainage District #1 Board has been furnished with background and support on each item, and/or it has been discussed at a previous meeting. All items will be acted upon by one vote without being discussed separately unless requested by a Board Member, in which event the item or items will immediately be withdrawn for individual consideration in its normal sequence after the items not requiring separate discussion have been acted upon. The remaining items will be adopted by one vote.

- 1. AI -60059** Approval of check register and payment of claims and bills - County Treasurer

- 2. AI -59943** Utility Permit
Valley Crossing Pipeline, LLC propose one (1) 48 inch pipeline to go through Lot Number 1, Lot 8, and the East one-half of Lot Number 2, Section 22, and Lot 9 Section 22 of Santa Rosa Subdivision, Willacy County crossing HCDD1's Main Flood Water Channel.

- 3. AI -59885** Utility Permit
Valley Crossing Pipeline, LLC propose to install one-2 inch fiber optic line on Lot No. 1, Lot No. 8, and the East one-half of Lot No. 2, Section 22, Santa Rosa Subdivision, Willacy County, Texas crossing HCDD1's Main Flood Water Channel.

- 4. AI -60002** 2013 Bond Series - Raymondville Drain,
A. Request approval of invoice number U9444.103/812-20A in the amount of \$8,052 to S & B Infrastructure, LTD for Engineering services thru January 28, 2017 related to Planning Schematic Willacy County, Work Authorization No. 17, Purchase Order No. 626525.
B. Request approval of invoice number U9444.103/812-20B in the amount of \$15,682 to S & B Infrastructure LTD for Engineering services thru

January 28, 2017 related to Geotechnical and Preliminary ROW and Utilities - Hidalgo County, Work Authorization No. 16, Purchase Order No. 623918.

2013 Bond Series - Mission Inlet recertification Project

C. Request approval of invoice number 11326282 in the amount of \$10,031.44 to L & G Consulting Engineers, Inc. for engineering services for the month of April, related to PS&E Development, Utility coordination, Scour-Erosion report, and meetings and coordination with HCDD#1 and TxDOT, Work Authorization No. 6, P.O. Number 629786.

AI -60059

1.

DRAINAGE - CONSENT

Meeting Date: 05/30/2017

Submitted By: Monica Salinas,
EXECUTIVE OFFICE

Department: EXECUTIVE OFFICE

Information

CAPTION

Approval of check register and payment of claims and bills - County Treasurer

BACKGROUND

Fiscal Impact

Attachments

ck register

Form Review

Form Started By: Monica Salinas

Started On: 05/30/2017 08:28 AM

Final Approval Date: 05/30/2017

Hidalgo County Treasurer's Office

Norma G. Garcia

May 30, 2017

Approval of the Drainage District No. 1 check register as summarized below:

Fund		Start Check#	End Check#	Amount
General Fund	(check) (wire)	20074	20108	61,411.77
Special Revenue Funds	(check) (wire)			
Debt Service Funds	(check) (wire)			
Capital Projects Funds	(check) (wire)	2570	2577	561,428.54
Payroll Fund	(check) (wire)			

The aforementioned checks listed hereto have been approved for payment by the Hidalgo County Drainage District No. 1 Board of Directors, witnessed on the 30th day of May 2017.

Ramon Garcia
Chairman

Joe M. Flores
Board Member

David Fuentes
Board Member

Joseph Palacios
Board Member

Eduardo "Eddie" Cantu
Board Member

Hidalgo County Drainage District #1
 Check/Voucher Register
 From 5/17/2017 Through 5/30/2017

110 - General Fund

Effective Date	Check Number	Vendor Name	Check Amount
5/19/2017	000020074	HIDALGO COUNTY TAX OFFICE	22.00
5/30/2017	000020075	S & B INFRASTRUCTURE, LTD	8,052.00
5/30/2017	000020076	ADAM JOSEPH LUNA	129.00
5/30/2017	000020077	AMIGO IMPLEMENT CO., INC.	1,016.59
5/30/2017	000020078	ANDERSON EQUIPMENT COMPANY	676.21
5/30/2017	000020079	HIDALGO COUNTY	359.35
5/30/2017	000020080	BURTON AUTO SUPPLY, INC.	300.15
5/30/2017	000020081	CITIBANK	2,449.45
5/30/2017	000020082	FASTENAL COMPANY	771.23
5/30/2017	000020083	FIESTA CHEVROLET, INC	805.06
5/30/2017	000020084	GOLD STAR PETROLEUM, INC.	13,495.41
5/30/2017	000020085	H & V EQUIPMENT, INC.	14,280.00
5/30/2017	000020086	HACIENDA FORD	1,056.58
5/30/2017	000020087	HIDALGO COUNTY TAX OFFICE	67.50
5/30/2017	000020088	LOWE'S COMPANIES, INC.	308.60
5/30/2017	000020089	MARIA ADELAIDA PEREZ	129.00
5/30/2017	000020090	MICHELIN NORTH AMERICA, INC.	3,506.34
5/30/2017	000020091	MOISES SALAZAR	514.87
5/30/2017	000020092	MOUNTAIN GLACIER, LLC	5.00
5/30/2017	000020093	NAPA AUTO PARTS	287.57
5/30/2017	000020094	NETWORKFLEET, INC.	2,831.00
5/30/2017	000020095	NEUHAUS & COMPANY, LTD	1,072.12
5/30/2017	000020096	PUEBLO TIRES & SERVICE	99.99
5/30/2017	000020097	RIO GRANDE STEEL LTD	714.00
5/30/2017	000020098	ROMCO EQUIPMENT CO., LP	2,896.35
5/30/2017	000020099	ROSA ARCE	129.00
5/30/2017	000020100	ROY'S HAULING SERVICE, INC.	1,194.50
5/30/2017	000020101	TIRE CENTERS, LLC	1,237.02
5/30/2017	000020102	TRU BLEU PURE WATER, LLC	195.00
5/30/2017	000020103	UNIFIRST HOLDINGS, INC.	56.99
5/30/2017	000020104	UNITED WELDING SUPPLY	248.00
5/30/2017	000020105	VERIZON WIRELESS	1,281.53
5/30/2017	000020106	WESTERN DATA SYSTEMS	729.36
5/30/2017	000020107	WYLIE MANUFACTURING CO.	151.50
5/30/2017	000020108	XEROX FINANCIAL SERVICES	<u>343.50</u>
		Total 110 - General Fund	61,411.77

133 - CIP 2013 Bond Series

Effective Date	Check Number	Vendor Name	Check Amount
5/30/2017	00002570	L&G CONSULTING ENGINEERS, INC.	10,031.44
5/30/2017	00002571	HIDALGO COUNTY PCT. NO. 4	178,354.10
5/30/2017	00002572	S & B INFRASTRUCTURE, LTD	15,682.00
5/30/2017	00002573	SIERRA TITLE OF HIDALGO COUNTY INC	804.00
5/30/2017	00002574	VENSER CONTRACTORS LLC	159,177.01
5/30/2017	00002575	RIO GRANDE STEEL LTD	126.00
5/30/2017	00002576	UPPER VALLEY MATERIAL, LLC	2,363.96
5/30/2017	00002577	VALLEY LAND TITLE COMPANY LTD.	<u>194,890.03</u>
		Total 133 - CIP 2013 Bond Series	561,428.54

Report Total 622,840.31

AI -59943

2.

DRAINAGE - CONSENT

Meeting Date: 05/30/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Utility Permit

Valley Crossing Pipeline, LLC propose one (1) 48 inch pipeline to go through Lot Number 1, Lot 8, and the East one-half of Lot Number 2, Section 22, and Lot 9 Section 22 of Santa Rosa Subdivision, Willacy County crossing HCDD1's Main Flood Water Channel.

BACKGROUND

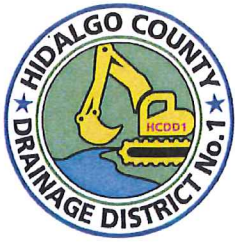
Fiscal Impact

Attachments

Utility Permit

Form Review

Inbox	Reviewed By	Date
Final Approval	Monica Salinas	05/26/2017 02:43 PM
Form Started By: Esther Layton		Started On: 05/22/2017 01:09 PM
Final Approval Date: 05/26/2017		



HIDALGO COUNTY DRAINAGE DISTRICT NO. 1
902 North Doolittle Rd.
Edinburg, Texas 78542
Office (956) 292-7080
Fax (956) 292-7089

Raul E. Sestin, P.E., CFM
General Manager

Page 1 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

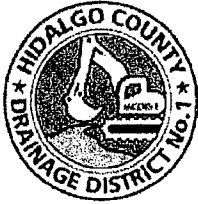
Contact the Hidalgo County Drainage District Manager to discuss the scope of the project

1. Please return the following for processing (in duplicate):
 - a. Permit application form.
 - b. Locator map.
 - c. Plans/profile of pipe or utility crossing.
 - d. Applicant's insurance certificate (in compliance with Schedule A).

2. Check payable to Hidalgo County Drainage District No. 1 for appropriate fees(s) as required.

Hidalgo County Drainage District No. 1 will attempt to process permit applications within a minimum of 30 days after receipt of the above required information.

All questions regarding this application should be addressed to the Hidalgo County Drainage District No. 1 Manager.



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Page 2 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

THE STATE OF TEXAS

COUNTY OF HIDALGO

APPLICATION AND AGREEMENT FOR PIPELINE OR UTILITY PERMIT

Date: _____

Valley crossing Pipeline, LLC (hereinafter referred to as "Applicant") does hereby make application to the Hidalgo County Drainage District No. 1 (hereinafter referred to as "HCDD") to construct, maintain and repair pipelines or utilities across the easements, ditches, streams, drainage ways, property or property interest as described below.

Information required:

1. Name and Address of Applicant: Valley Crossing Pipeline, LLC
5400 Westheimer Ct. Houston, TX 77056
2. Name and Address of company or agency owning Pipeline or Utility (please indicate if same as Applicant): Valley Crossing Pipeline, LLC
5400 Westheimer Ct. Houston, TX 77056
3. Name and Address of operator of Pipeline or Utility (please indicate if same as Applicant):
Same as applicant.
4. Name and Address of contractor to install Pipeline or Utility: Strike
1800 Hughes Landing Blvd. Ste. 500, The Woodlands TX 77380
5. Estimated date of installation of Pipeline or Utility: June 1, 2017



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Page 3 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

6. Location of Pipelines or Utilities (Tract No., Survey, Abstract No.): Lot Number 1, Lot Number 8,
and the East one-half of Lot Number 2, Section Twenty-Two, Santa Rosa Subdivision. And Lot 9,
Section Twenty-two of Santa Ros Subdivision, Willacy County, Texas.

7. Hidalgo County Drainage District No. 1's easements, ditches, streams, or other drainage ways, property or property interest to be crossed: _____

Hidalgo Main Flood Water Channel

Lat. - 26.393751°

Long. - 97.706563°

8. Names and Addresses of fee owners of property involved and copy of Pipeline or Utility easements acquired: _____

Roger L. Harris and Terry A. Harris P.O. Box 3978 Humble, Texas 77347 (North Side)

Janette Louise Lorenz 2830 Albans, Houston TX 77005 (South Side)

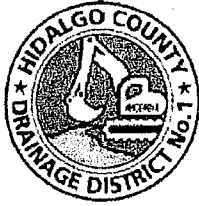
Karen Renee Lorenz 1049 Chamberlain, Corpus Christi, TX 78404 (South Side)

Milton Eiler Lorenz, Jr 346 Bermuda, Corpus Christi, TX 78411 (South Side)

9. Number and size of lines: One (1) 48 inch pipeline

10. Pressure (each line): Pipeline Operating Pressure: 1750 PSIG

11. Content (each line): Natural Gas



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Page 4 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

12. Is this a common carrier pipeline or utility? If yes, please submit the Applicant's Texas Railroad Commission Form "T-4" or similar form designating the facility:

Yes

13. Does Applicant have the Power of Eminent Domain? Yes

14. Will the product be carried for hire or by the owner of the goods? For hire

15. Where is the origin of the line? Auga Dulce

16. Where is the destination of the line? Brownsville

If requested permit is granted by HCDD, Applicant, in consideration thereof, agrees and binds itself as follows:

1. All pipelines or utilities herein will be placed at least sixty feet (60') above existing or planned channel cross sections or three feet (3') below flow line of ditch, provided that temporary overhead lines for a period not to exceed six months in duration may be installed at a minimum elevation of 45 feet above the berm of the ditch.
2. Location map, profile, and plans concerning the proposed pipeline or utility crossing will furnished with this application.



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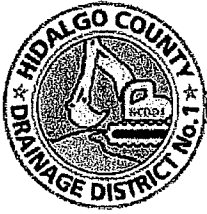
Raul E. Sesin, P.E., CFM
General Manager

Page 5 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

3. HCDD will be notified in writing ten days prior to the beginning date of construction under this permit.
4. Applicant will bear the entire expense of all future relocations of any pipelines or utilities should such relocation, at the sole discretion of the Board of Directors of Hidalgo county Drainage District No. 1, be necessary for improvements, alteration, or maintenance of the HCDD's easement or property of interest.
5. Applicant will not do, or cause to be done, anything to impede or obstruct an adequate flow of water through or upon the property on/in which the pipelines or utilities are located; it is specifically understood and agreed that the adequacy of the flow of water referenced herein shall be within the sole discretion of the HCDD.
6. Applicant will notify the HCDD at least 48 hours prior to completion of its work and removal of its equipment from the job site to permit HCDD to make an inspection.
7. Upon notification by the HCDD, the Applicant will promptly repair or rectify any deficiency or condition caused by the Applicant's operations or installations under this permit. Applicant will leave easement in as near the same condition or better, in the HCDD's sole judgment, as it existed prior to the commencement of the operations under this permit.
8. HCDD shall not be liable or responsible for, and shall be saved and held harmless by Applicant, and further shall be indemnified by Applicant, from and against any and all suits, actions, losses, damages, claims, or liability of any character, type, or description, including all expenses of litigation, court costs, attorney's fees, and engineering fees for injury or death to any person, or injury to any property, received or sustained by any person or persons or property, arising out of, or occasioned by, directly or indirectly, the performance of Applicant under this agreement, including claims and damages arising in part from the negligence of the HCDD.

It is the expressed intent of the parties to this agreement that the indemnity provided for in this section is extended by Applicant to indemnify and protect HCDD from the consequences of



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Raul E. Sesin, P.E., CFM
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Page 6 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

HCDD's own negligence, whether that negligence is the sole or contributory cause of the resultant injury death, or damage.

Applicant further agrees to defend, at its own expense, with attorneys acceptable to HCDD and on behalf of the HCDD, and in the name of Hidalgo County Drainage District No. 1, any claim or litigation brought against the HCDD in connection with any such injury, death or damage.

Before construction is begun on such pipeline or utility crossings, Applicant will furnish to the HCDD a certificate of insurance (or other security approved by the HCDD) payable to Hidalgo County Drainage District No. 1 and protecting Hidalgo County Drainage District No. 1 (as an additional named insured) against any claims for personal injuries or damages to property resulting from the operations of Applicant, its agents, servants, employees, and contractors under this permit. Insurance is to be supplied in accordance with the attached Schedule A.

9. HCDD makes no warranties, expressed or implied, in the granting of this permit; nor does HCDD purport to grant any property interest or exclusive privileges whatsoever by granting such permit. It is specifically understood that HCDD is not the agent for, nor does it act for, the fee owners or any persons or entities having any right, or title to possession of the land upon which the HCDD's easement or other property interest is located. Furthermore, in granting this permit the HCDD makes no representation or warranty that it has any property interest, including, but not limited to, an easement or right of way, in the land upon which Applicant constructs, maintains, repairs, or modifies the pipelines or utilities, made the subject of this application, nor does HCDD make any representation or warranty as to the validity, quality or extent of such property interest, if any. Applicant acknowledges its understanding that HCDD in granting this permit, does not convey or grant to Applicant any rights, title or interest for which is has no legal authority to grant or convey.
10. Applicant binds itself to comply with all federal, state, and local laws or regulations and will obtain all necessary permits from all local and federal agencies required by law before installation or construction is begun.
11. Applicant will install its pipelines and utilities in a manner and location as shown in the plans and specifications filed with HCDD in support of this application for permit. HCDD's engineer or other representative may at any time make such inspection as such engineer or other



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Page 7 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

representation may deem necessary to assure that the construction of the pipeline or utilities is in accordance with the plans and specifications submitted, and said engineer or representative shall have the right to temporarily suspend Applicant's work if necessary, while such inspection is being made. Should Applicant not install the pipelines or utilities in accordance with the terms and conditions of this permit, Applicant agrees that the HCDD shall have the right to require, at Applicant's expense, the removal of the pipelines and utilities and its replacement in conformance to said plans and specifications and conditions of this permit. HCDD may revoke this permit and suspend all work hereunder if it is determined by HCDD that the pipelines or utilities are not being installed in accordance with such plans and specifications and conditions of this permit. The suspension or revocation of this permit shall not be a basis for a claim for damages against HCDD.

12. Except in emergency situations where it is necessary to protect life and property, Applicant will not make any change, modification, or alteration in or to the pipelines or utilities without first securing a new or amended permit from HCDD prior to the making of any such change. Applicant will maintain the pipelines or utilities hereby authorized in good and safe condition, and in accordance with plans, specifications, and this permit.
13. All pipeline and utility crossing locations under this permit shall be identified with appropriate markers installed three feet above ground on metal posts at such points and at such distances from HCDD's ditch as may be approved by the HCDD's engineer or representative. Applicant will remove and then replace any markers, when so designated by the HCDD's engineer or representative, as necessary to facilitate maintenance or construction on HCDD's ditch, easement or right of way.
14. Applicant agrees to pay HCDD a permit fee to cover administrative costs in the amount of **\$500.00**, plus a reimbursement to HCDD for any necessary engineering fees which may be incurred for the study and processing of the Application, for each crossing of an HCDD ditch. This fee will permit a single pipeline or utility to cross at a single crossing location. Applicant further agrees to pay an additional fee of \$ _____ for each additional line included in permit application at the same crossing location; however, more than one crossing location may be included in a single application.



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Page 8 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

Requests to lay additional line or lines, not included in an initial permit application, must be made by separate application, with new permit fees paid accordingly and support data provided.

All permits fees must be submitted with the application for permit.

Permit fees submitted with this application for which pipeline or utility crossing are not approved by HCDD Board of Directors will be refunded to Applicant.

Permit fees may be waived where Applicant is a state, county, municipality, or a special political division.

15. The Applicant is allowed one hundred twenty days (120) from the granting of the permit to start construction of the pipelines or utilities crossing. Once started, the Applicant is allowed ninety (90) days to complete all work under such permit. All construction must be completed within two hundred ten (210) days from the date of issuance of permit. Upon application, extension of the time periods set forth in this paragraph may be granted by the HCDD Board of Directors. Such applications for extension must be received by HCDD at least thirty days before the expiration of the two hundred ten (210) days period. A new permit fee, in accordance with Paragraph 14 hereof, will be charged for each extension granted.

Construction of any pipeline or utility crossing will not begin until written approval has been given by HCDD.

16. All provisions of the Pipeline and Utility Permit Administration Policy of HCDD, if any, and all amendments thereto, are hereby incorporated herein as part of the terms and conditions of this permit for all purposes.
17. Applicant warrants and represents that it has secured from all fee owners of the involved property an easement or other property rights to construct, repair or modify the pipeline or utility in the manner set forth herein.
18. This Pipeline and Utility Permit if granted by HCDD is subject to any and all other requirements, specifications and conditions listed in Exhibit A attached hereto.



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PIPELINE AND UTILITY PERMIT APPLICATION PACKET

- 19. HCDD requires the coordinates of all crossings in NAD 1983 State Plane Texas South, for each utility crossing.
- 20. This permit constitutes the entire agreement between the parties with regard to the subject matter hereof, and all prior agreements, representations, and negotiations between the parties regarding the subject matter are hereby superseded. This permit shall not be altered or amended except by an agreement in writing executed by the parties hereto.
- 21. Applicant warrants and represents that its undersigned representative has full authority to bind Applicant to the terms and conditions of the foregoing Application and Agreement for Pipeline or Utility Permit.

DATED this 18 day of April, 2017.

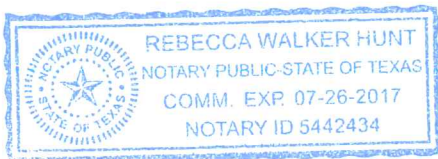
Thomas V. Wooden, Jr
 (Name of Applicant – Printed or Typed)

By: [Signature]
 Signature

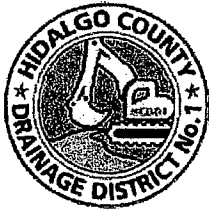
Title: Vice President - Field Operations

STATE OF TEXAS
 COUNTY OF HIDALGO

18 SUBSCRIBED AND SWORN TO before me the Applicant, Thomas V. Wooden, on this 18 day of April, 2017, to which witness my hand and seal of office.



[Signature]
 Notary Public for the State of Texas
 My Commission Expires: _____



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Page 10 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

**APPROVAL OF APPLICATION BY
HIDALGO COUNTY DRAINAGE DISTRICT NO. 1**

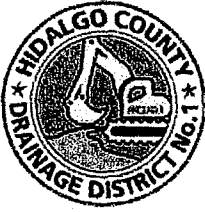
Came on for consideration this _____ day of _____, 20____. The above and foregoing Application for Pipeline and Utility Permit, and after consideration of the same by the Board of Directors of the Hidalgo County Drainage District No. 1, said Application and Agreement for Pipeline or Utility Permit is hereby APPROVED.

HIDALGO COUNTY DRAINAGE DISTRICT NO. 1:

Ramon Garcia, Chairman of the Board

HIDALGO COUNTY:

Ramon Garcia, County Judge



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Page 11 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

EXHIBIT A

The overhead transmission line shall be constructed and maintained in such a manner as to provide a minimum vertical clearance (at the temperature of 60 degrees Fahrenheit) of not less than 28 feet above the levee crown and at least 12 feet (3.7 meters) above the floodway design high water surface level in the area of the floodway channel.

No structure (poles or guy wires) shall be located closer than 35 feet from the toes of any levee. No structure (poles or otherwise) shall be located closer than 15 feet from the top of any channel bank.

Guy wires may be anchored within the HCDD right of way in such a manner that they do not interfere with the operation and/or maintenance of the ditch or related structures. A witness post, not less than five feet (5') above the ground, shall be installed by each anchor or the cable shall be wrapped up to a point at least five feet (5') above the ground with a bright colored material to make it obviously visible.

It shall be the Applicant's responsibility to maintain the areas clear of brush within a ten foot (10') radius of each pole, under the guy wires and around the anchors, on both side of the ditch and within the HCDD's right of way limits.

RAILROAD COMMISSION OF TEXAS
OVERSIGHT AND SAFETY DIVISION - PIPELINE SAFETY
PIPELINE PERMITTING AND MAPPING SECTION
PERMIT TO OPERATE A PIPELINE IN TEXAS

09/15/2016

Permit Number: 09611
Commodity transported: Natural Gas
Classification: Gas Utility

VALLEY CROSSING PIPELINE, LLC
Attn: THOMAS WOODEN
5400 WESTHEIMER COURT
HOUSTON, Texas 77056

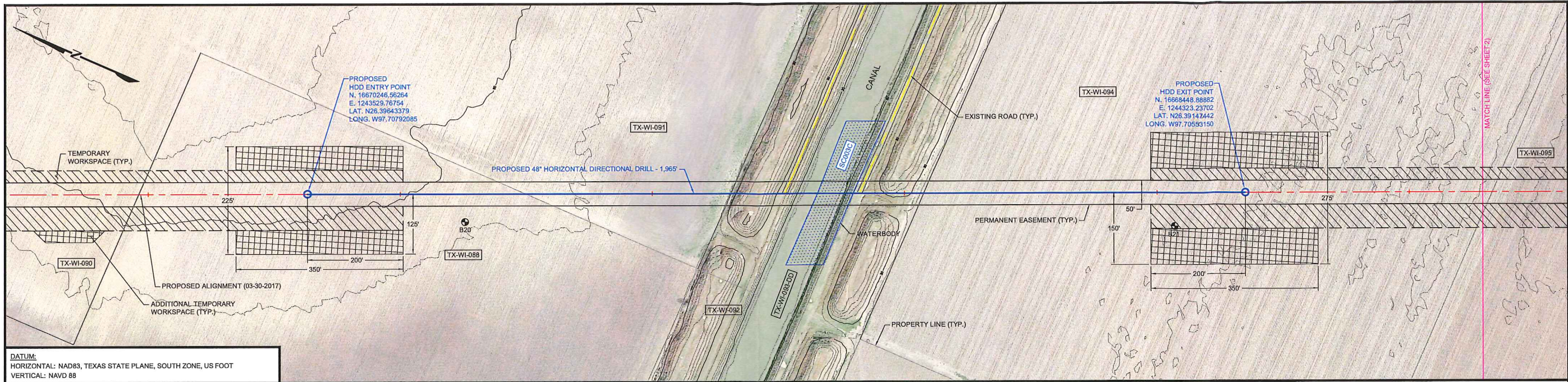
This is to certify that VALLEY CROSSING PIPELINE, LLC has complied with Railroad Commission rule 16 Tex. Admin. Code §3.70 governing pipelines in accordance with Texas Natural Resources Code, §81.051, and is granted this permit by the Commission to operate the following pipeline or pipelines located in the following county or counties:

Nueces, Kleberg, Kenedy, Willacy, Cameron

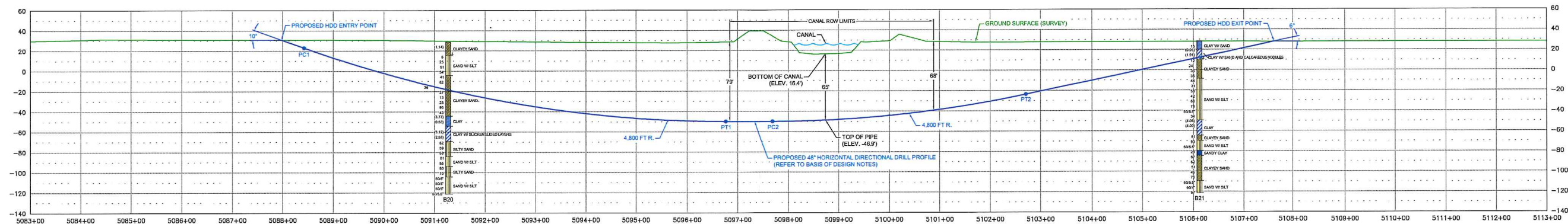
INITIAL PERMIT FOR 167.34 MILES OF 42" AND 48" PROPOSED 'VALLEY' PIPELINE SYSTEM.

This permit is valid until the earlier of either one year from the date issued OR until there is a material change in the identity of entity owning the pipeline or pipelines; the entity physically operating the pipeline or pipelines; the entity economically operating the pipeline or pipelines; the commodity being transported in the pipeline or pipelines.

RAILROAD COMMISSION OF TEXAS
PROCESSED BY: Bruce Waterman

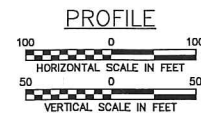
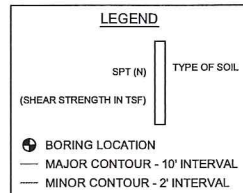


NOTE: THIS IS A FULL SIZE DRAWING THAT IS INTENDED TO BE PRINTED ON A 24" X 36" SHEET OF PAPER.



DIRECTIONAL DRILL DATA PINSON ROAD CANAL HDD		
DESCRIPTION	STATION (FT)	ELEVATION (FT)
ENTRY @ 10°	5087+97.69	30.79
P C 1 (10.00° @ 4,800 FT R.)	5088+42.30	22.92
P T 1	5096+75.81	-50.00
P C 2 (6.00° @ 4,800 FT R.)	5097+69.37	-50.00
P T 2	5102+71.10	-23.71
EXIT @ 6°	5107+62.69	27.96
HORIZONTAL DISTANCE = 1,965.00 FT		
DIRECTIONAL DRILL PIPE LENGTH = 1,973.56 FT		

RECOMMENDED TOLERANCES	
ITEM	TOLERANCE
PILOT HOLE ENTRY ANGLE	INCREASE ANGLE UP TO 1° (STEEPER), BUT NO DECREASE IN ANGLE ALLOWED.
PILOT HOLE ENTRY LOCATION	AS PER COORDINATES PROVIDED BY COMPANY WITH NO CHANGES WITHOUT COMPANY APPROVAL.
PILOT HOLE EXIT ANGLE	INCREASE ANGLE UP TO 1° (STEEPER) OR DECREASE UP TO 2° (FLATTER).
PILOT HOLE EXIT LOCATION	UP TO 20 FEET BEYOND OR 10 FEET SHORT OF THE EXIT STAKE. BETWEEN 5 FEET LEFT AND 5 FEET RIGHT OF CENTERLINE.
PILOT HOLE DEPTH	UP TO 2 FEET ABOVE THE DESIGN DRILL PROFILE ALLOWED, UP TO 10 FEET BELOW THE DESIGN DRILL PROFILE ALLOWED.
PILOT HOLE ALIGNMENT	SHALL REMAIN WITHIN 5 FEET LEFT OR RIGHT OF THE HDD ALIGNMENT.



NOTES:

- CONTRACTOR SHALL ADHERE TO THE SPECIFICATIONS AND REQUIREMENTS PER SPECTRA ENERGY SPECIFICATIONS, CONTRACT DOCUMENTS AND SPECIAL PERMIT CONDITIONS, EXCEPT AS NOTED ON THIS DRAWING.
- CONTRACTOR IS RESPONSIBLE FOR CALLING TEXAS ONE-CALL AND LOCATING ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION. IF ANY UTILITY IS LOCATED WITHIN 15 FEET OF THE DESIGNED HDD PROFILE AND ALIGNMENT, CONTRACTOR SHALL OBTAIN APPROVAL FROM SPECTRA ENERGY PRIOR TO INITIATING HDD OPERATIONS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND PROTECT ANY FOREIGN UTILITY THAT MAY BE AFFECTED BY THE HDD OPERATIONS.
- PLACEMENT OF THE HDD RIG IS NOT FIXED BY THE DESIGNATION OF THE ENTRY AND EXIT POINTS. THE USE OF DUAL HDD RIGS DURING CONSTRUCTION MAY BE AT THE DISCRETION OF THE HDD CONTRACTOR, TO BE APPROVED BY SPECTRA ENERGY.
- ALL EQUIPMENT MUST ACCESS THE SITE ALONG THE CONSTRUCTION RIGHT-OF-WAY OR FROM APPROVED ACCESS ROADS.
- WORKSPACE: MAXIMUM WORKSPACE LIMITS ARE DEPICTED. RESTRICT CLEARING TO THE WORKSPACE INDICATED AT THE ENTRY AND EXIT POINTS AND PRODUCT PIPE STRINGING AND FABRICATION AREA ALONG THE CONSTRUCTION RIGHT-OF-WAY. CLEARING BETWEEN THE ENTRY AND EXIT POINTS REQUIRES PRIOR APPROVAL FROM THE ENVIRONMENTAL INSPECTOR AND IS LIMITED TO THE AMOUNT NECESSARY TO STRING SURVEY WIRES AND INSTALL PUMPS AND PIPING TO OBTAIN WATER (WHERE APPROVED).
- WATER SOURCE: DRILL WATER AND HYDROSTATIC TEST WATER SHALL BE OBTAINED FROM AN APPROVED SOURCE.
- HYDROSTATIC TEST: PRE-INSTALLATION AND POST-INSTALLATION HYDROSTATIC TESTS SHALL BE CONDUCTED IN ACCORDANCE WITH THE HYDROSTATIC TEST PLAN. TEST WATER SHALL BE SAMPLED AND TESTED IN ACCORDANCE WITH PERMIT REQUIREMENTS. THE TEST WATER SHALL BE DISCHARGED IN AN UPLAND AREA INTO AN EROSION CONTROL STRUCTURE OF STRAW BALES AND/OR SILT FENCES, GEOTEXTILE FILTER BAG, OR COLLECTED IN A TRUCK AND HAULED TO AN APPROVED DISPOSAL SITE. UPON COMPLETION OF DEWATERING AND DRYING, A CALIPER PIG SURVEY SHALL BE COMPLETED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- SPILL-PREVENTION: REFUELING OF ALL EQUIPMENT SHALL BE COMPLETED IN ACCORDANCE WITH THE SPED PLAN.
- EROSION AND SEDIMENT CONTROL: CONTRACTOR SHALL SUPPLY, INSTALL AND MAINTAIN SEDIMENT CONTROL STRUCTURES IN ACCORDANCE WITH CONTRACT DOCUMENTS. CONTRACTOR SHALL INSTALL ADDITIONAL EROSION CONTROL STRUCTURES AS DIRECTED BY THE ENVIRONMENTAL INSPECTOR.
- INSTALLATION: THE PIPE SECTION FOR THE DRILLED CROSSING SHALL BE MADE UP WITHIN THE APPROVED CONSTRUCTION RIGHT-OF-WAY AT THE DRILL EXIT POINT AS SHOWN. AFTER THE PILOT HOLE IS COMPLETE, CONTRACTOR'S ACTUAL DRILL PROFILE SHALL BE SUBMITTED TO SPECTRA ENERGY FOR APPROVAL. CONTRACTOR SHALL ASSESS THE NEED FOR AND SUPPLY APPROPRIATE BALLAST DURING PULLBACK.
- DRILLING FLUID DISPOSAL: CONTRACTOR SHALL DISPOSE OF EXCESS DRILLING FLUID AS DIRECTED BY THE SPECTRA ENERGY REPRESENTATIVE IN ACCORDANCE WITH PERMIT CONDITIONS. UNDER NO CIRCUMSTANCES SHALL DRILLING FLUID BE DISPOSED OF IN WATER BODIES OR WETLANDS. ANY DRILLING FLUID WHICH INADVERTENTLY SURFACES AT POINTS OTHER THAN THE ENTRY OR EXIT POINTS SHALL BE CONTAINED AND COLLECTED TO THE EXTENT PRACTICAL AND DISPOSED OF AS DIRECTED BY THE SPECTRA ENERGY REPRESENTATIVE IN ACCORDANCE WITH PERMIT CONDITIONS.
- CLEANUP/STABILIZATION/RESTORATION: ALL DISTURBED AREAS SHALL BE RETURNED TO THE ORIGINAL CONTOURS. DISTURBED AREAS SHALL BE SEEDED AS SPECIFIED IN THE CLEAN-UP AND RESTORATION REQUIREMENTS. IF THE TERRAIN ALLOWS AND ACCESS IS PERMITTED, CONTRACTOR SHALL UTILIZE LOW GROUND PRESSURE EQUIPMENT OR OTHER EQUIPMENT APPROVED BY OWNER TO FACILITATE CONTAINMENT AND CLEAN-UP OF ANY INADVERTENT RETURNS THAT OCCUR DURING THE HDD INSTALLATION PROCESS.
- GEOTECHNICAL DATA: BORE HOLES ARE OFFSET FROM THE PIPELINE CENTERLINE AS SHOWN ON THE PLAN VIEW. THE GEOTECHNICAL INFORMATION PROVIDED ON THIS DRAWING IS A GENERAL SUMMARY. REFER TO THE PROFESSIONAL SERVICES INDUSTRIES, INC. GEOTECHNICAL REPORT (DATED DECEMBER 22, 2016) IN THE CONTRACT DOCUMENTS FOR MORE DETAILED INFORMATION.
- BASE FILES AND GROUND SURFACE PROVIDED BY UNIVERSALPEGASUS INTERNATIONAL INC. GROUND SURFACE DEM (1/9 ARC SECOND) DOWNLOADED FROM HTTP://NATIONALMAP.GOV. AERIAL IMAGE TAKEN FROM GOOGLE EARTH PRO ©2017, LICENSED TO GEOENGINEERS, INC., IMAGE DATED 01/21/18.

BASIS OF DESIGN:

- PRODUCT PIPE WILL CONSIST OF 48" O.D. X 0.833" W.T., API-5L X-70 PIPE WITH 14-16 MILS OF FUSION BONDED EPOXY (FBE) AND 24-30 MILS OF ABRASION RESISTANT OVERLAY (ARO).
- THE MAXIMUM ALLOWABLE OPERATING PRESSURE (MAOP) = 1,750 psi, DESIGN FACTOR 0.72.
- THE ASSUMED MAXIMUM OPERATING TEMPERATURE = 70° FAHRENHEIT.
- THE MINIMUM ALLOWABLE THREE JOINT RADIUS SHALL NOT BE LESS THAN 3,800 FEET.

ISSUED FOR CONSTRUCTION

REFERENCES		REVISIONS					
DRAWING NUMBER	REFERENCE DRAWING TITLE	NO.	DESCRIPTION	BY	DATE	CHK'D	APP'D
23413	Valley Crossing - Survey Master.dwg	0	ISSUED FOR CONSTRUCTION	MWC	03/28/17	JLR	AES
		1	ISSUED FOR CONSTRUCTION	MWC	04/07/17	JLR	AES
		2	ISSUED FOR CONSTRUCTION	MWC	05/10/17	JLR	AES

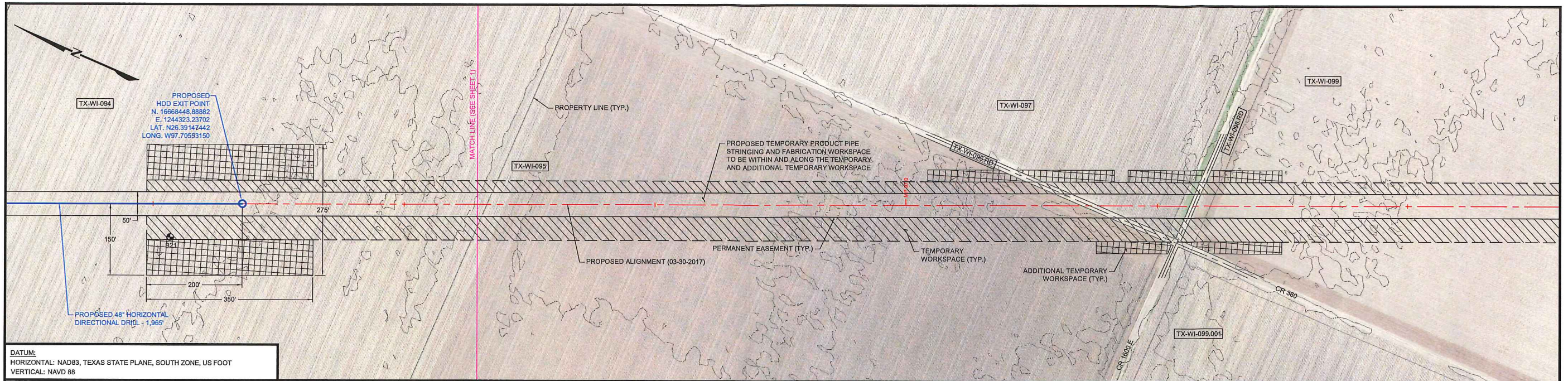


JLR	12/02/16	Date
Design		
MWC	12/02/16	Date
Drawn		
JLR	01/23/17	Date
Checked		
AES	01/23/17	Date
Approved		

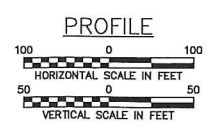
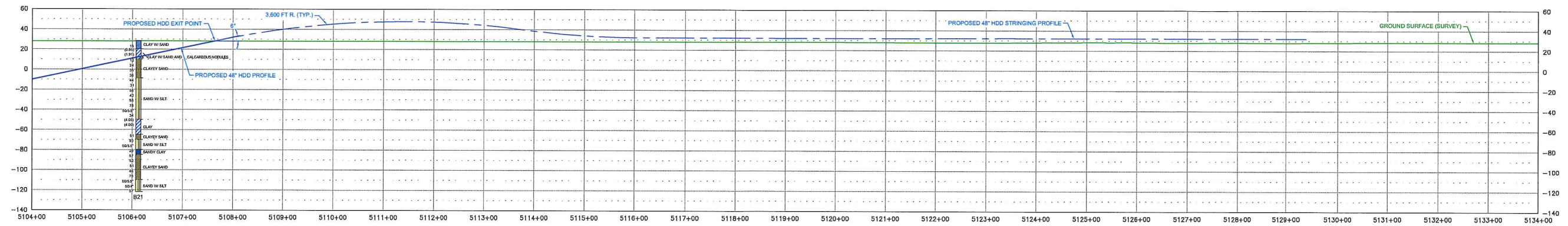
GEOENGINEERS

3050 South Delawere
 Springfield, MO 65804
 Telephone (417) 831-9700
 Fax (417) 831-9777

SPECTRA ENERGY - VALLEY CROSSING PIPELINE SITE PLAN AND PROFILE		Project No. 15347-011-00
PINSON ROAD CANAL HDD (MP 96.25) WILLACY COUNTY, TEXAS		Drawing No. AGUA-H-1002
		Sheet 1 of 2



NOTE: THIS IS A FULL SIZE DRAWING THAT IS INTENDED TO BE PRINTED ON A 24" X 36" SHEET OF PAPER.



LEGEND

SPT (N) TYPE OF SOIL

(SHEAR STRENGTH IN TSF)

BORING LOCATION

MAJOR CONTOUR - 10' INTERVAL

MINOR CONTOUR - 2' INTERVAL

- NOTES:**
- ALL EQUIPMENT MUST ACCESS THE SITE ALONG THE CONSTRUCTION RIGHT-OF-WAY OR FROM APPROVED ACCESS ROADS.
 - BASE FILES AND GROUND SURFACE SURVEY PROVIDED BY UNIVERSALPEGASUS INTERNATIONAL, INC. GROUND SURFACE DEM (1/9 ARC SECOND) DOWNLOADED FROM HTTP://NATIONALMAP.GOV. AERIAL IMAGE TAKEN FROM GOOGLE EARTH PRO ©2017, LICENSED TO GEOENGINEERS, INC., IMAGE DATED 03/03/16.

ISSUED FOR CONSTRUCTION

REFERENCES		REVISIONS					
DRAWING NUMBER	REFERENCE DRAWING TITLE	NO.	DESCRIPTION	BY	DATE	CHK'D	APP'D
23413	Valley Crossing - Survey Master.dwg	0	ISSUED FOR CONSTRUCTION	MWC	03/28/17	JLR	AES
		1	ISSUED FOR CONSTRUCTION	MWC	04/07/17	JLR	AES
		2	ISSUED FOR CONSTRUCTION	MWC	05/10/17	JLR	AES



JLR	12/02/16
Design	Date
MWC	12/02/16
Drawn	Date
JLR	01/23/17
Checked	Date
AES	01/23/17
Approved	Date

GEOENGINEERS

3050 South Delaware
 Springfield, MO 65804
 Telephone (417) 831-9700
 Fax (417) 831-9777

SPECTRA ENERGY - VALLEY CROSSING PIPELINE STRINGING WORKSPACE		Project No. 15347-011-00
PINSON ROAD CANAL HDD (MP 96.25) WILLACY COUNTY, TEXAS		Drawing No. AGUA-H-1002
		Sheet 2 of 2

AI -59885

3.

DRAINAGE - CONSENT

Meeting Date: 05/30/2017

Submitted For: Esther Layton

Submitted By: Esther Layton, DRAINAGE
DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Utility Permit

Valley Crossing Pipeline, LLC propose to install one-2 inch fiber optic line on Lot No. 1, Lot No. 8, and the East one-half of Lot No. 2, Section 22, Santa Rosa Subdivision, Willacy County, Texas crossing HCDD1's Main Flood Water Channel.

BACKGROUND

Fiscal Impact

Attachments

Utility Permit

Form Review

Inbox	Reviewed By	Date
Final Approval	Monica Salinas	05/26/2017 02:43 PM
Form Started By: Esther Layton		Started On: 05/16/2017 08:36 AM
Final Approval Date: 05/26/2017		



HIDALGO COUNTY DRAINAGE DISTRICT NO. 1
902 North Doolittle Rd.
Edinburg, Texas 78542
Office (956) 292-7080
Fax (956) 292-7089

Raul E. Sesin, P.E., CFM
General Manager

Page 1 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

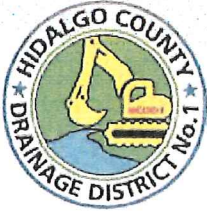
Contact the Hidalgo County Drainage District Manager to discuss the scope of the project

1. Please return the following for processing (in duplicate):
 - a. Permit application form.
 - b. Locator map.
 - c. Plans/profile of pipe or utility crossing.
 - d. Applicant's insurance certificate (in compliance with Schedule A).

2. Check payable to Hidalgo County Drainage District No. 1 for appropriate fees(s) as required.

Hidalgo County Drainage District No. 1 will attempt to process permit applications within a minimum of 30 days after receipt of the above required information.

All questions regarding this application should be addressed to the Hidalgo County Drainage District No. 1 Manager.



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Page 2 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

THE STATE OF TEXAS

COUNTY OF HIDALGO

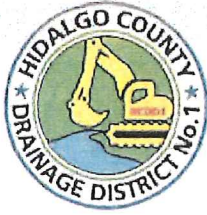
APPLICATION AND AGREEMENT FOR PIPELINE OR UTILITY PERMIT

Date: _____

Valley crossing Pipeline, LLC (hereinafter referred to as "Applicant") does hereby make application to the Hidalgo County Drainage District No. 1 (hereinafter referred to as "HCDD") to construct, maintain and repair pipelines or utilities across the easements, ditches, streams, drainage ways, property or property interest as described below.

Information required:

1. Name and Address of Applicant: Valley Crossing Pipeline, LLC
5400 Westheimer Ct. Houston, TX 77056
2. Name and Address of company or agency owning Pipeline or Utility (please indicate if same as Applicant): Valley Crossing Pipeline, LLC
5400 Westheimer Ct. Houston, TX 77056
3. Name and Address of operator of Pipeline or Utility (please indicate if same as Applicant):
Same as applicant.
4. Name and Address of contractor to install Pipeline or Utility: Strike
1800 Hughes Landing Blvd. Ste. 500, The Woodlands TX 77380
5. Estimated date of installation of Pipeline or Utility: June 1, 2017



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Page 3 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

6. Location of Pipelines or Utilities (Tract No., Survey, Abstract No.): Lot Number 1, Lot Number 8,
and the East one-half of Lot Number 2, Section Twenty-Two, Santa Rosa Subdivision. And Lot 9,
Section Twenty-two of Santa Ros Subdivision, Willacy County, Texas.

7. Hidalgo County Drainage District No. 1's easements, ditches, streams, or other drainage ways, property or property interest to be crossed: _____

Hidalgo Main Flood Water Channel

Lat - 26° 23' 37" N

26.393678°

Long - 97° 42' 24" W

- 97.706597°

8. Names and Addresses of fee owners of property involved and copy of Pipeline or Utility easements acquired: _____

Roger L. Harris and Terry A. Harris P.O. Box 3978 Humble, Texas 77347 (North Side)

Janette Louise Lorenz 2830 Albans, Houston TX 77005 (South Side)

Karen Renee Lorenz 1049 Chamberlain, Corpus Christi, TX 78404 (South Side)

Milton Eiler Lorenz, Jr 346 Bermuda, Corpus Christi, TX 78411 (South Side)

9. Number and size of lines: One (1) 2 inch Fiber Optic Line

10. Pressure (each line): N/A

11. Content (each line): Fiber Optic



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Page 4 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

12. Is this a common carrier pipeline or utility? If yes, please submit the Applicant's Texas Railroad Commission Form "T-4" or similar form designating the facility:

Yes

13. Does Applicant have the Power of Eminent Domain? Yes

14. Will the product be carried for hire or by the owner of the goods? For hire

15. Where is the origin of the line? Agua Dulce

16. Where is the destination of the line? Brownsville

If requested permit is granted by HCDD, Applicant, in consideration thereof, agrees and binds itself as follows:

1. All pipelines or utilities herein will be placed at least sixty feet (60') above existing or planned channel cross sections or three feet (3') below flow line of ditch, provided that temporary overhead lines for a period not to exceed six months in duration may be installed at a minimum elevation of 45 feet above the berm of the ditch.
2. Location map, profile, and plans concerning the proposed pipeline or utility crossing will furnished with this application.



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Page 5 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

3. HCDD will be notified in writing ten days prior to the beginning date of construction under this permit.
4. Applicant will bear the entire expense of all future relocations of any pipelines or utilities should such relocation, at the sole discretion of the Board of Directors of Hidalgo county Drainage District No. 1, be necessary for improvements, alteration, or maintenance of the HCDD's easement or property of interest.
5. Applicant will not do, or cause to be done, anything to impede or obstruct an adequate flow of water through or upon the property on/in which the pipelines or utilities are located; it is specifically understood and agreed that the adequacy of the flow of water referenced herein shall be within the sole discretion of the HCDD.
6. Applicant will notify the HCDD at least 48 hours prior to completion of its work and removal of its equipment from the job site to permit HCDD to make an inspection.
7. Upon notification by the HCDD, the Applicant will promptly repair or rectify any deficiency or condition caused by the Applicant's operations or installations under this permit. Applicant will leave easement in as near the same condition or better, in the HCDD's sole judgment, as it existed prior to the commencement of the operations under this permit.
8. HCDD shall not be liable or responsible for, and shall be saved and held harmless by Applicant, and further shall be indemnified by Applicant, from and against any and all suits, actions, losses, damages, claims, or liability of any character, type, or description, including all expenses of litigation, court costs, attorney's fees, and engineering fees for injury or death to any person, or injury to any property, received or sustained by any person or persons or property, arising out of, or occasioned by, directly or indirectly, the performance of Applicant under this agreement, including claims and damages arising in part from the negligence of the HCDD.

It is the expressed intent of the parties to this agreement that the indemnity provided for in this section is extended by Applicant to indemnify and protect HCDD from the consequences of



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Page 6 of 11

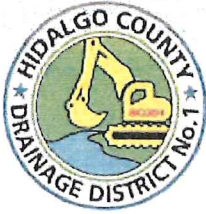
PIPELINE AND UTILITY PERMIT APPLICATION PACKET

HCDD's own negligence, whether that negligence is the sole or contributory cause of the resultant injury death, or damage.

Applicant further agrees to defend, at its own expense, with attorneys acceptable to HCDD and on behalf of the HCDD, and in the name of Hidalgo County Drainage District No. 1, any claim or litigation brought against the HCDD in connection with any such injury, death or damage.

Before construction is begun on such pipeline or utility crossings, Applicant will furnish to the HCDD a certificate of insurance (or other security approved by the HCDD) payable to Hidalgo County Drainage District No. 1 and protecting Hidalgo County Drainage District No. 1 (as an additional named insured) against any claims for personal injuries or damages to property resulting from the operations of Applicant, its agents, servants, employees, and contractors under this permit. Insurance is to be supplied in accordance with the attached Schedule A.

9. HCDD makes no warranties, expressed or implied, in the granting of this permit; nor does HCDD purport to grant any property interest or exclusive privileges whatsoever by granting such permit. It is specifically understood that HCDD is not the agent for, nor does it act for, the fee owners or any persons or entities having any right, or title to possession of the land upon which the HCDD's easement or other property interest is located. Furthermore, in granting this permit the HCDD makes no representation or warranty that it has any property interest, including, but not limited to, an easement or right of way, in the land upon which Applicant constructs, maintains, repairs, or modifies the pipelines or utilities, made the subject of this application, nor does HCDD make any representation or warranty as to the validity, quality or extent of such property interest, if any. Applicant acknowledges its understanding that HCDD in granting this permit, does not convey or grant to Applicant any rights, title or interest for which is has no legal authority to grant or convey.
10. Applicant binds itself to comply with all federal, state, and local laws or regulations and will obtain all necessary permits from all local and federal agencies required by law before installation or construction is begun.
11. Applicant will install its pipelines and utilities in a manner and location as shown in the plans and specifications filed with HCDD in support of this application for permit. HCDD's engineer or other representative may at any time make such inspection as such engineer or other



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Page 7 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

representation may deem necessary to assure that the construction of the pipeline or utilities is in accordance with the plans and specifications submitted, and said engineer or representative shall have the right to temporarily suspend Applicant's work if necessary, while such inspection is being made. Should Applicant not install the pipelines or utilities in accordance with the terms and conditions of this permit, Applicant agrees that the HCDD shall have the right to require, at Applicant's expense, the removal of the pipelines and utilities and its replacement in conformance to said plans and specifications and conditions of this permit. HCDD may revoke this permit and suspend all work hereunder if it is determined by HCDD that the pipelines or utilities are not being installed in accordance with such plans and specifications and conditions of this permit. The suspension or revocation of this permit shall not be a basis for a claim for damages against HCDD.

12. Except in emergency situations where it is necessary to protect life and property, Applicant will not make any change, modification, or alteration in or to the pipelines or utilities without first securing a new or amended permit from HCDD prior to the making of any such change. Applicant will maintain the pipelines or utilities hereby authorized in good and safe condition, and in accordance with plans, specifications, and this permit.
13. All pipeline and utility crossing locations under this permit shall be identified with appropriate markers installed three feet above ground on metal posts at such points and at such distances from HCDD's ditch as may be approved by the HCDD's engineer or representative. Applicant will remove and then replace any markers, when so designated by the HCDD's engineer or representative, as necessary to facilitate maintenance or construction on HCDD's ditch, easement or right of way.
14. Applicant agrees to pay HCDD a permit fee to cover administrative costs in the amount of **\$500.00**, plus a reimbursement to HCDD for any necessary engineering fees which may be incurred for the study and processing of the Application, for each crossing of an HCDD ditch. This fee will permit a single pipeline or utility to cross at a single crossing location. Applicant further agrees to pay an additional fee of \$ _____ for each additional line included in permit application at the same crossing location; however, more than one crossing location may be included in a single application.



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Page 8 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

Requests to lay additional line or lines, not included in an initial permit application, must be made by separate application, with new permit fees paid accordingly and support data provided.

All permits fees must be submitted with the application for permit.

Permit fees submitted with this application for which pipeline or utility crossing are not approved by HCDD Board of Directors will be refunded to Applicant.

Permit fees may be waived where Applicant is a state, county, municipality, or a special political division.

15. The Applicant is allowed one hundred twenty days (120) from the granting of the permit to start construction of the pipelines or utilities crossing. Once started, the Applicant is allowed ninety (90) days to complete all work under such permit. All construction must be completed within two hundred ten (210) days from the date of issuance of permit. Upon application, extension of the time periods set forth in this paragraph may be granted by the HCDD Board of Directors. Such applications for extension must be received by HCDD at least thirty days before the expiration of the two hundred ten (210) days period. A new permit fee, in accordance with Paragraph 14 hereof, will be charged for each extension granted.

Construction of any pipeline or utility crossing will not begin until written approval has been given by HCDD.

16. All provisions of the Pipeline and Utility Permit Administration Policy of HCDD, if any, and all amendments thereto, are hereby incorporated herein as part of the terms and conditions of this permit for all purposes.
17. Applicant warrants and represents that it has secured from all fee owners of the involved property an easement or other property rights to construct, repair or modify the pipeline or utility in the manner set forth herein.
18. This Pipeline and Utility Permit if granted by HCDD is subject to any and all other requirements, specifications and conditions listed in Exhibit A attached hereto.



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PIPELINE AND UTILITY PERMIT APPLICATION PACKET

- 19. HCDD requires the coordinates of all crossings in NAD 1983 State Plane Texas South, for each utility crossing.
- 20. This permit constitutes the entire agreement between the parties with regard to the subject matter hereof, and all prior agreements, representations, and negotiations between the parties regarding the subject matter are hereby superseded. This permit shall not be altered or amended except by an agreement in writing executed by the parties hereto.
- 21. Applicant warrants and represents that its undersigned representative has full authority to bind Applicant to the terms and conditions of the foregoing Application and Agreement for Pipeline or Utility Permit.

DATED this 18 day of April, 2015.

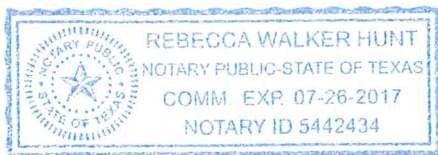
Thomas V. Wooden, Jr.
(Name of Applicant – Printed or Typed)

By: [Signature]
Signature

Title: Vice President - Field Operations

STATE OF TEXAS
COUNTY OF HIDALGO

SUBSCRIBED AND SWORN TO before me the Applicant, Thomas V. Wooden, on this 18 day of April, 2015, to which witness my hand and seal of office.



Rebecca Walker Hunt
Notary Public for the State of Texas
My Commission Expires: _____



HIDALGO COUNTY DRAINAGE DISTRICT NO. 1
902 North Doolittle Rd.
Edinburg, Texas 78542
Office (956) 292-7080
Fax (956) 292-7089

Raul E. Sesin, P.E., CFM
General Manager

Page 10 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

APPROVAL OF APPLICATION BY
HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

Came on for consideration this _____ day of _____, 20____. The above and foregoing Application for Pipeline and Utility Permit, and after consideration of the same by the Board of Directors of the Hidalgo County Drainage District No. 1, said Application and Agreement for Pipeline or Utility Permit is hereby APPROVED.

HIDALGO COUNTY DRAINAGE DISTRICT NO. 1:

Ramon Garcia, Chairman of the Board

HIDALGO COUNTY:

Ramon Garcia, County Judge



HIDALGO COUNTY DRAINAGE DISTRICT NO. 1
902 North Doolittle Rd.
Edinburg, Texas 78542
Office (956) 292-7080
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Raul E. Sesin, P.E., CFM
General Manager

Page 11 of 11

PIPELINE AND UTILITY PERMIT APPLICATION PACKET

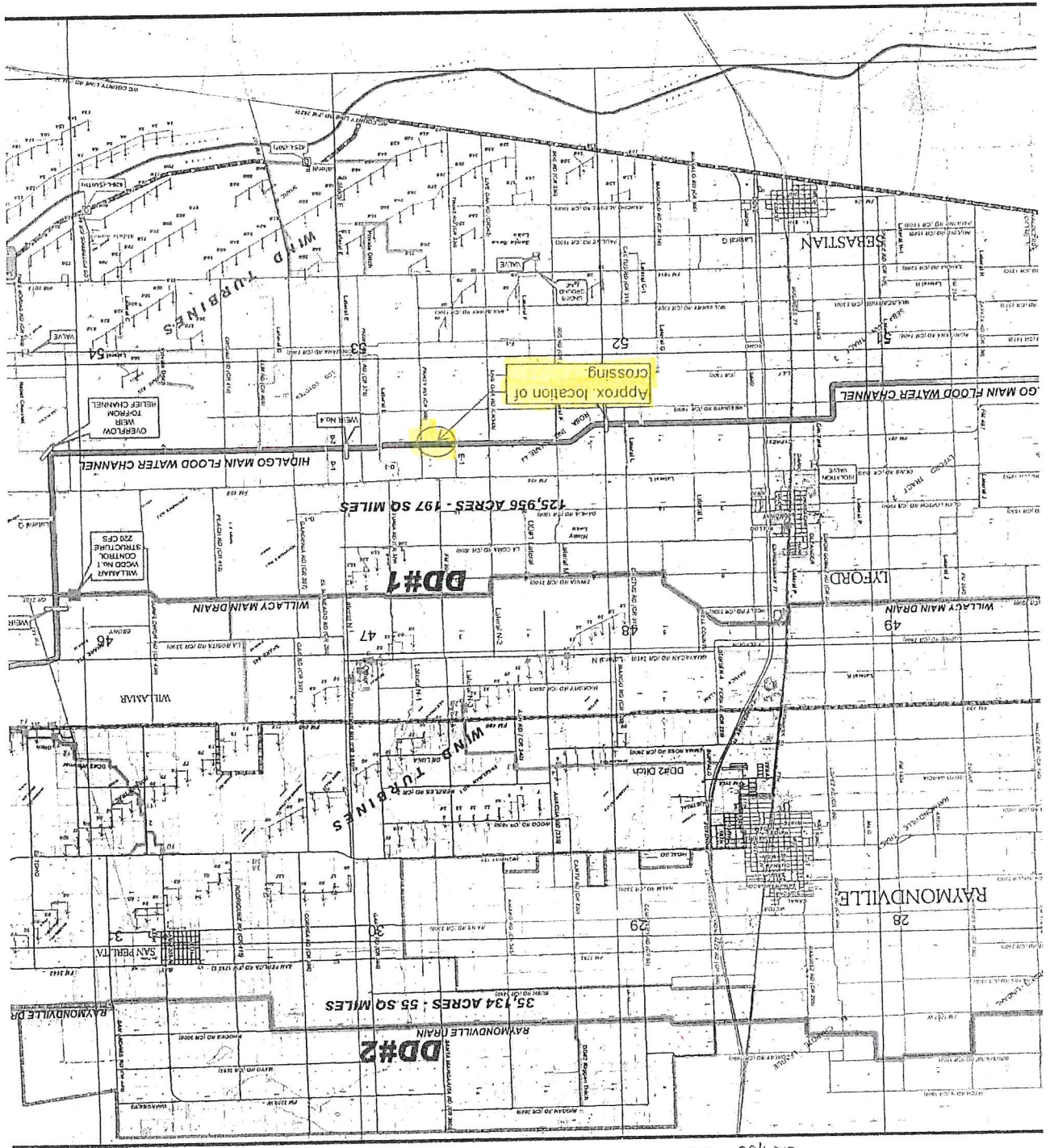
EXHIBIT A

The overhead transmission line shall be constructed and maintained in such a manner as to provide a minimum vertical clearance (at the temperature of 60 degrees Fahrenheit) of not less than 28 feet above the levee crown and at least 12 feet (3.7 meters) above the floodway design high water surface level in the area of the floodway channel.

No structure (poles or guy wires) shall be located closer than 35 feet from the toes of any levee. No structure (poles or otherwise) shall be located closer than 15 feet from the top of any channel bank.

Guy wires may be anchored within the HCDD right of way in such a manner that they do not interfere with the operation and/or maintenance of the ditch or related structures. A witness post, not less than five feet (5') above the ground, shall be installed by each anchor or the cable shall be wrapped up to a point at least five feet (5') above the ground with a bright colored material to make it obviously visible.

It shall be the Applicant's responsibility to maintain the areas clear of brush within a ten foot (10') radius of each pole, under the guy wires and around the anchors, on both side of the ditch and within the HCDD's right of way limits.



CR 4100 - 05

RAILROAD COMMISSION OF TEXAS
OVERSIGHT AND SAFETY DIVISION - PIPELINE SAFETY
PIPELINE PERMITTING AND MAPPING SECTION
PERMIT TO OPERATE A PIPELINE IN TEXAS

09/15/2016

Permit Number: 09611
Commodity transported: Natural Gas
Classification: Gas Utility

VALLEY CROSSING PIPELINE, LLC
Attn: THOMAS WOODEN
5400 WESTHEIMER COURT
HOUSTON, Texas 77056

This is to certify that VALLEY CROSSING PIPELINE, LLC has complied with Railroad Commission rule 16 Tex. Admin. Code §3.70 governing pipelines in accordance with Texas Natural Resources Code, §81.051, and is granted this permit by the Commission to operate the following pipeline or pipelines located in the following county or counties:

Nueces, Kleberg, Kenedy, Willacy, Cameron

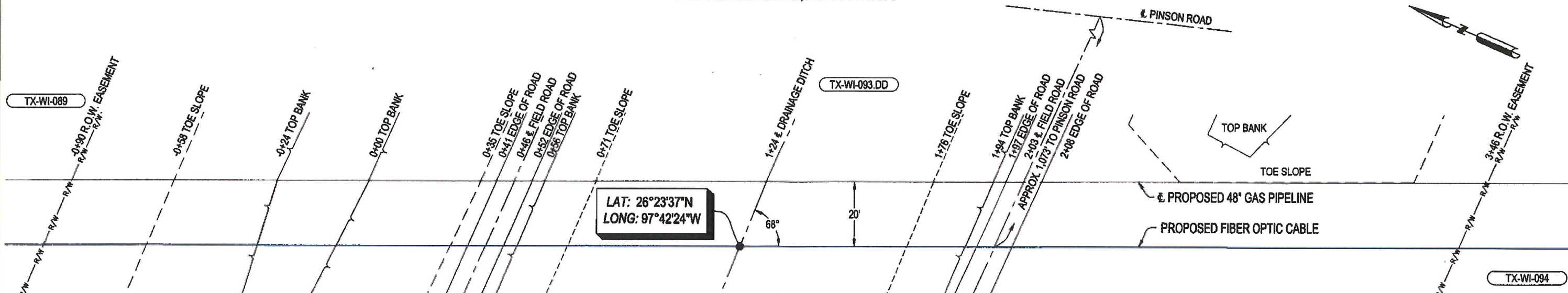
INITIAL PERMIT FOR 167.34 MILES OF 42" AND 48" PROPOSED 'VALLEY' PIPELINE SYSTEM.

This permit is valid until the earlier of either one year from the date issued OR until there is a material change in the identity of entity owning the pipeline or pipelines; the entity physically operating the pipeline or pipelines; the entity economically operating the pipeline or pipelines; the commodity being transported in the pipeline or pipelines.

RAILROAD COMMISSION OF TEXAS
PROCESSED BY: Bruce Waterman

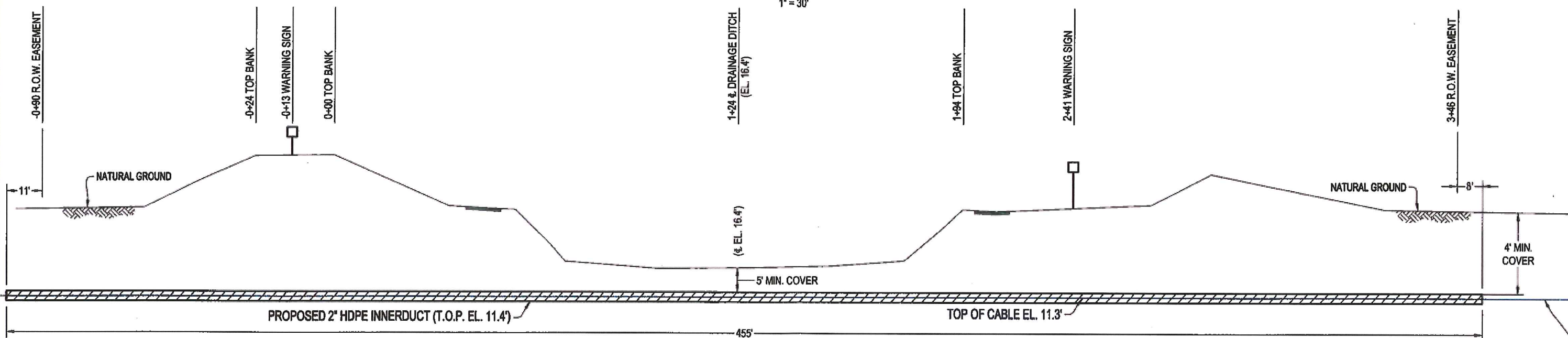
WILLACY COUNTY, TEXAS

J. N. CABAZOS SURVEY, ABSTRACT NO. 8



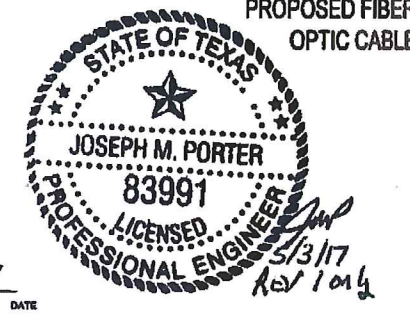
LAT: 26°23'37\"/>

PLAN
1" = 30'



PROFILE
HORIZ: 1" = 30'
VERT: 1" = 20'

FIBER OPTIC CABLE TO BE INSTALLED W / HDPE INNERDUCT
 INNERDUCT: HDPE, SCH 40, 2.375" O.D., 0.154"-0.174" W.T.
 108 FIBER DOUBLE ARMORED WITH OVERALL JACKET, 12 FIBERS/TUBE
 FIBER OPTIC DESIGN BY VALLEY CROSSING PIPELINE.
 THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF PERMITTING
 ONLY AND IS NOT TO BE USED FOR CONSTRUCTION.



Joseph M. Porter 5/3/17
 JOSEPH M. PORTER
 TEXAS P.E. NO. 83991
 DATE

FILE INFO: P:\23413\21602\400_P\PRMT\415_RGL\TRY_PRMT\PMW-PRMT_DWG\IPPLAQUA-P-81153.DWG; LAST SAVED BY: TED STALDER ON 2017-05-02

DRAWN	TDB	DATE	04/05/2017
CHECKED	AG	DATE	04/05/2017
APP'D	JMB	DATE	04/05/2017
SCALE	AS SHOWN	SHEET	1 OF 1
JOB NO. 23413-21602			
STATE CODE			
1	05/02/17	ISSUE FOR PERMIT	
0	04/06/17	ISSUE FOR PERMIT	



VALLEY CROSSING PIPELINE PROJECT

PERMIT
 PROPOSED FIBER OPTIC CABLE
 M.P 96.57 - DRAINAGE DITCH
 TX-WI-093.DD

WILLACY COUNTY	TEXAS
DRAWING NO. AGUA-P-81153	REV. 1

UPI DRAWING NO. 23413-21602-415-PMW-11143 UNIVERSAL ENSCO, INC. TEXAS ENGINEERING FIRM LIC.# F-1942

AI -60002

4.

DRAINAGE - CONSENT

Meeting Date: 05/30/2017

Submitted For: Lora Briones

Submitted By: Alvaro Chuc, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

2013 Bond Series - Raymondville Drain,

A. Request approval of invoice number U9444.103/812-20A in the amount of \$8,052 to S & B Infrastructure, LTD for Engineering services thru January 28, 2017 related to Planning Schematic Willacy County, Work Authorization No. 17, Purchase Order No. 626525.

B. Request approval of invoice number U9444.103/812-20B in the amount of \$15,682 to S & B Infrastructure LTD for Engineering services thru January 28, 2017 related to Geotechnical and Preliminary ROW and Utilities - Hidalgo County, Work Authorization No. 16, Purchase Order No. 623918.

2013 Bond Series - Mission Inlet recertification Project

C. Request approval of invoice number 11326282 in the amount of \$10,031.44 to L & G Consulting Engineers, Inc. for engineering services for the month of April, related to PS&E Development, Utility coordination, Scour-Erosion report, and meetings and coordination with HCDD#1 and TxDOT, Work Authorization No. 6, P.O. Number 629786.

BACKGROUND

Fiscal Impact

Attachments

[invoice](#)

[invoice](#)

[invoice](#)

Form Review

Inbox

Reviewed By

Date

Final Approval

Monica Salinas

05/26/2017 02:43 PM

Form Started By: Alvaro Chuc

Started On: 05/25/2017 09:53 AM

Final Approval Date: 05/26/2017



RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 12 2017

12:26 AM PM

BY: *[Signature]*

INVOICE

January 26, 2017

Hidalgo County Drainage District No. 1
Attention: Lora Briones, Financial Officer
902 N. Doolittle
Edinburg, Texas 78542

Project Description:
Raymondville Drain
Work Authorization No. 16 "Hidalgo County - Planning, Design, Preliminary Engineering, PS&E"

S&B Invoice No.: U9444.103/812-20B
Invoice Period: January 1, 2017 through January 28, 2017

	QTY	UNIT	UNIT PRICE	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT THIS INVOICE
Hidalgo County -Planning, Design and PS&E	1	LS	\$3,007,286	60%	\$ 1,802,493.00	\$ 1,786,811.00	\$ 15,682.00
PAYMENT IS REQUESTED IN THE AMOUNT OF:							\$ 15,682.00

I hereby certify that this invoice is true and correct, and that all services indicated have been provided.

S & B INFRASTRUCTURE, LTD.

[Signature]
Sharlotte L. Teague, PE
Senior Project Manager

IN ACCORDANCE WITH OUR CONTRACT,
PLEASE REMIT **BY FED EX:** \$ 15,682.00

FED EX ACCOUNT NO. 2887-7404-8
S&B INFRASTRUCTURE, LTD.
ATTN: MIKE MANTHOS PHONE: 713.845.5401
3535 Sage Road
Houston, Texas 77056

Attachments:
PROGRESS REPORT NO. 20B

Raymondville Drain, Project for Flood Control
Hidalgo County Drainage District No. 1 / S&B Infrastructure, Ltd.
Work Authorization No. 16

Expanded Description	Estimated Line Item Budget	% Complete	Expanded Progress Report U9444.103&812-20B Thru January 28, 2017		
			Invoice To-Date Amount	Previously Invoiced	Amount Due This Invoice
Work Authorization No. 16:					
1 GCM	\$265,616	98%	\$ 260,304	\$ 260,304	\$ -
Sub-total (GCM)	\$265,616		\$ 260,304	\$ 260,304	\$ -
2 Engineering / Design (HC)	\$834,861	93%	\$ 776,421	\$ 776,421	\$ 0
3 Geotechnical (HC)	\$423,909	60%	\$ 254,345	\$ 245,841	\$ 8,504
4 Design Survey (HC)	\$241,451	85%	\$ 205,234	\$ 205,234	\$ -
5 ROW Survey (HC)	\$309,349	47%	\$ 146,843	\$ 146,843	\$ -
6 ROW Acquis Administration (HC)	\$782,100	0%	\$ 3,420	\$ 3,420	\$ -
7 Prelim ROW / Utilities (HC)	\$150,000	90%	\$ 134,678	\$ 127,500	\$ 7,178
Sub-total (Technical)	\$2,741,670		\$ 1,520,941	\$ 1,505,259	\$ 15,683
SUB-TOTAL (WA 16):	\$3,272,902	62%	\$ 2,041,549	\$ 2,025,866	\$ 15,683

L &G Consulting Engineers Inc
2100 W. Expressway 83
Mercedes, TX 78570
(956)565-9813 Fax (956)565-9018

INVOICE#: 11326282
INVOICE DATE: 4/30/2017

RECEIVED
 HIDALGO COUNTY
 DRAINAGE DISTRICT #1

MAY 02 2017

11:30 AM/PM

BY: 

JOB:130206
Mission Inlet Recertification Project
WA#6 P.O.#629786

BILL TO: 87
 Hidalgo County Drainage District#1
 902 N. Doolittle
 Edinburg, TX 78542

DESCRIPTION	CONTRACT	PREVIOUS APPLICATIONS	CURRENT COMPLETED	TOTAL COMPLETED	% COMPL	BALANCE TO FINISH
Engineering services for the month of April 2017.						
FC 11003 - PS&E Development	88,581.89	70,865.50	4,429.10	75,294.60	85.0	13,287.29
FC 60001- Right of Way Acquisition Services	41,000.00			0.00	0.0	41,000.00
FC 33001 - Geotechnical Engineering / SUB	7,513.68	7,513.68		7,513.68	100.0	-
FC 16306 - Scour/Erosion Report	10,429.36	5,214.68	3,876.62	9,091.30	87.2	1,338.06
FC 16307 - Utility Coordination	5,477.28		1,338.06	1,338.06	24.4	4,139.22
FC 16309 - Meetings & Coordination with HCDD#1 and TxDOT	7,853.22	6,327.59	387.66	6,715.25	85.5	1,137.97
	160,855.43	89,921.45	10,031.44	99,952.89	62.1	60,902.54

ORIGINAL CONTRACT SUM \$ 160,855.43
 CHANGE BY CHANGE ORDER \$ 0.00
 CONTRACT SUM TO DATE \$ 160,855.43
 TOTAL COMPLETED TO DATE \$ 99,952.89
 LESS PREVIOUS INVOICES \$ 89,921.45
 CURRENT PAYMENT DUE \$ 10,031.44


 PROJECT MANAGER'S SIGNATURE


 05/18/17



RECEIVED
HIDALGO COUNTY
DRAINAGE DISTRICT #1

MAY 12 2017

12:26 AM PM

BY: *NET*



INVOICE

January 26, 2017

Hidalgo County Drainage District No. 1
Attention: Lora Briones, Financial Officer
902 N. Doolittle
Edinburg, Texas 78542

Project Description:
Raymondville Drain
Work Authorization No. 17 "Hidalgo and Willacy Counties - Planning, Design, Preliminary Engineering"

S&B Invoice No.: U9444.103/812-20A
Invoice Period: January 1, 2017 through January 28, 2017

	QTY	UNIT	UNIT PRICE	PERCENT COMPLETE	INVOICED TO DATE	PREVIOUSLY INVOICED	AMOUNT THIS INVOICE
Hidalgo & Willacy Counties -Planning, Design, Preliminary Engineering, and PS&E	1	LS	\$5,599,008	72%	\$ 4,018,549.00	\$ 4,010,497.00	\$ 8,052.00
PAYMENT IS REQUESTED IN THE AMOUNT OF:							\$ 8,052.00

I hereby certify that this invoice is true and correct, and that all services indicated have been provided.

*418
05/15/17*

S & B INFRASTRUCTURE, LTD.

[Signature]
Sharlotte L. Teague, PE
Senior Project Manager

IN ACCORDANCE WITH OUR CONTRACT,
PLEASE REMIT **BY FED EX:** \$ 8,052.00

FED EX ACCOUNT NO. 2887-7404-8
S&B INFRASTRUCTURE, LTD.
ATTN: MIKE MANTHOS PHONE: 713.845.5401
3535 Sage Road
Houston, Texas 77056

Attachments:
PROGRESS REPORT NO. 20A

Raymondville Drain, Project for Flood Control
Hidalgo County Drainage District No. 1 / S&B Infrastructure, Ltd.
Work Authorization No. 17

Expanded Description	Estimated Line Item Budget	% Complete	Expanded Progress Report U9444.103&812-20A Thru January 28, 2017		
			Invoice To-Date Amount	Previously Invoiced	Amount Due This Invoice
Work Authorization No. 17:					
1 GCM	\$703,663	98%	\$ 689,590	\$ 689,590	\$ -
Sub-total (GCM)	\$703,663		\$ 689,590	\$ 689,590	\$ -
2 Engineering / Design (HC)	\$653,667	93%	\$ 607,910	\$ 607,910	\$ -
3 Prelim Compensable Utilities (HC)	\$227,008	65%	\$ 147,555	\$ 147,555	\$ -
4 H&H Design (WC)	\$930,776	90%	\$ 837,698	\$ 837,698	\$ -
5 Engineering - Planning Schematic (WC)	\$893,524	66%	\$ 588,843	\$ 580,791	\$ 8,052
6 Prelim ROW / Design Survey (WC)	\$354,932	25%	\$ 88,733	\$ 88,733	\$ -
7 Prelim ROW Acquis Admin (WC)	\$270,500	0%	\$ -	\$ -	\$ -
8 Geotechnical (WC)	\$1,564,938	68%	\$ 1,058,217	\$ 1,058,217	\$ -
Sub-total (Technical)	\$4,895,345		\$ 3,328,957	\$ 3,320,905	\$ 8,052
SUB-TOTAL (WA 17):	\$5,599,008	72%	\$ 4,018,547	\$ 4,010,494	\$ 8,052