



**AGENDA**  
**DRAINAGE DISTRICT**  
**BOARD OF DIRECTORS**  
**March 7, 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:**

1. **Roll Call**
2. **Prayer**
3. **Open Forum**
4. **Approval of Consent Agenda**
5. **AI -58803** Pursuant to Tx. Local Gov't. Code-116.021(b) and the current contract #C-13-016A-05-07 (under Article 1.2) for "Bank Depository Services" between HC Drainage District #1 and LSNB, requesting approval to exercise the second & final two (2) year extension along with the attached "Resolution" for Hidalgo County Drainage District #1 under the new negotiated interest rates, financial terms, and conditions with renewal/extension effective May 9, 2017 through May 09, 2019.
6. **AI -58748** Requesting approval of Inter-Local Agreement between Hidalgo County Drainage District No.1 and City of Edinburg as it relates to improvements to the Jackson Drain Ditch.
7. **AI -58750** Requesting approval of Inter-Local Agreement and Easement between Hidalgo County Drainage District No.1 and Hidalgo County Irrigation District No.2 as it relates to Cesar Chavez Drain Phase II.

8. **AI -58751** Action for Hidalgo County Drainage District No.1 to exercise the issuance of written Notice of Termination to Texas Cordia Construction, LLC related to Contract No.: HCDD1-14-008-03-19 -Pct 2 Alamo Expressway Drain as provided in the Agreement, more specifically under the General Conditions 15.03 A and thus agree that only services/materials provided and expenses incurred prior the date of termination will be due and payable.
9. **AI -58818** Requesting approval of "Pool" of pre-qualified firms submitting Statements of Qualifications for ranking on an "As Needed Basis" per project by the Hidalgo County Drainage District No.1 for projects that require said services as set forth in the requirements stated in RFQ No. HCDD1-17-008-03-01 "Professional Engineering Services - Pool".
10. **AI -58822** Requesting approval of "Pool" of pre-qualified firms submitting Statements of Qualifications for ranking on an "As Needed Basis" per project by the Hidalgo County Drainage District No.1 for projects that require said services as set forth in the requirements stated in RFQ No. HCDD1-17-010-03-01 "Professional Real Estate Appraisal Services - Pool".
11. **AI -58819** Requesting approval of "Pool" of pre-qualified firms submitting Statements of Qualifications for ranking on an "As Needed Basis" per project by the Hidalgo County Drainage District No.1 for projects that require said services as set forth in the requirements stated in RFQ No. HCDD1-17-009-03-01 "Professional Surveying Services - Pool".
12. **AI -58852** Authority to advertise and approval of plans and specifications developed by project engineer, Urban Infrastructure Group, for: Hidalgo County Drainage District No. 1 -"HIDALGO COUNTY PRECINCT NO. 1 MILE 13 1/2 N. RD & FM 1015 AREA DRAINAGE IMPROVEMENTS PROJECT PHASES 2 & 3" -RFB No. HCDD1-17-015-03-29, including the re-advertising of projects in the event no Bid responses are received and/or are rejected and project is still required.
13. **AI -58837** Request approval of the following items:  
2013 Bonds  
Budget: 300- J09 Drain  
A. Application for Payment No. 5 in the amount of \$28,965.60 from Texas Cordia Construction, LLC pertaining to Construction Contract No. HCDD1-16-006-04-26 J09 Drain Improvements Phase II Construction Rio Grande Care Rd to North Main Drain.  
Project Engineer: Jose Sanchez, P.E.- Tedsi Infrastructure Group  
PO#629475

Budget: 365-Rural Drainage Development Pct.1

B. Acceptance of Certificate of Construction Completion pertaining to Construction Contract No. HCDD1-16-031A-08-09 Mile 6 West & Mile 14 North Area Drainage Improvement Project.

C. Application for Retainage Release in the amount of \$52,991.30 from Jimenez Engineering Solutions, LLC dba International Consulting Engineers (ICE) pertaining to Construction Contract No. HCDD1-16-031A-08-09 Mile 6 West & Mile 14 North Area Drainage Improvement Project.

Project Engineer: George Gonzalez, P.E. -Hidalgo County Drainage District No. 1  
PO#630318

14. **AI -58855** Requesting approval to purchase the following from Caldwell Country Ford through the District's membership with TX-MAS Contracts (No. 072-A1). Total amount of \$339,963.00;
  - A.) (5) 2017 Ford F-150 4x4 - Regular Cab
  - B.) (2) 2017 Ford F-150 4x4 - Extended Cab
  - C.) (1) 2017 Ford F-150 4x4 - Crew Cab
  - D.) (2) 2017 Ford F-250 4x4 - Crew Cab
  - E.) (2) 2017 Ford F-250 4x4- Crew Cab LWB
  - F.) (1) 2017 Ford F-350 4x4- Crew Cab DRW
  
15. **AI -58838** In accordance with Water Code Section 49.057 and Subchapter A of Government Code, Section 2254, requesting approval to select and award the firm of \_\_\_\_\_ for the provision of professional legal services/representation in connection with litigation and authority to submit letter of engagement
  
16. **Closed Session:**  
Board of Directors may go into Closed Session pursuant to Chapter 551, Texas Government Code, Sections 551.071 & 551.072 to discuss the following:
  - A. **Real Estate Acquisition**
  
  - B. **Pending and/or Potential Litigation**
  
  - C. **AI -58828** Cause No. CCD-0388-E; Hidalgo County RMA v Hunt Valley Industrial I, LP and Hidalgo County Drainage District No. 1; Parcel No. 5P1

- D. **AI -58830** Cause No. CCD-0393-E; Hidalgo County RMA v. S. Foss Jones and Hidalgo County Drainage District No. 1; Parcel No. 80C
- E. **AI -58832** Cause No. CCD-0394-A; Hidalgo County RMA v Hidalgo County Irrigation District No. 19 and Hidalgo County Drainage District No. 1; Parcel No. 6P2
- F. **AI -58848** Pending litigation regarding matters related to the 2012 Bond Election.

**17. Open Session:**

**A. Real Estate Acquisition**

**B. Pending and/or Potential Litigation**

- C. **AI -58829** Cause No. CCD-0388-E; Hidalgo County RMA v Hunt Valley Industrial I, LP and Hidalgo County Drainage District No. 1; Parcel No. 5P1
- D. **AI -58831** Cause No. CCD-0393-E; Hidalgo County RMA v. S. Foss Jones and Hidalgo County Drainage District No. 1; Parcel No. 80C
- E. **AI -58833** Cause No. CCD-0394-A; Hidalgo County RMA v Hidalgo County Irrigation District No. 19 and Hidalgo County Drainage District No. 1; Parcel No. 6P2
- F. **AI -58857** Pending litigation regarding matters related to the 2012 Bond Election.

**18. Closed Session:**

Board of Directors may reconvene into Closed Session for the discussion regarding the agenda items listed

**19. Open Session:**

Board of Directors may reconvene into Open Session for the discussion regarding the agenda items listed

**20. Adjourn**

**AI -58803**

**5.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted For: Tanya Delira

Submitted By: Marty Salazar,  
PURCHASING DEPT.

Department: PURCHASING DEPT.

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Information

CAPTION

Pursuant to Tx. Local Gov't. Code-116.021(b) and the current contract #C-13-016A-05-07 (under Article 1.2) for "Bank Depository Services" between HC Drainage District #1 and LSNB, requesting approval to exercise the second & final two (2) year extension along with the attached "Resolution" for Hidalgo County Drainage District #1 under the new negotiated interest rates, financial terms, and conditions with renewal/extension effective May 9, 2017 through May 09, 2019.

BACKGROUND

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Fiscal Impact

Attachments

ext letter

1295

email

proposal

statute

drainage

Resolution

bank approval

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Marty Salazar		Started On: 03/02/2017 03:00 PM
Final Approval Date: 03/03/2017		



Hidalgo County Purchasing Department  
2812 S. Business Highway 281  
Edinburg, Texas 78539  
(956) 318-2626/ Fax: (956) 318-2629

February 17, 2017

Mr. David Penoli, EVP CFO  
**Lone Star National Bank**  
520 E. Nolana  
McAllen, TX 78504

via email: ochoav@lonestarnationalbank.com

Re: **HB Form 1295 Required/Renewal/Extension Notice**  
**Extension# E-17-001 & E-17-001A-Bank Depository Services for Hidalgo County**

Dear Mr. Penoli:

Be advised, that in order to proceed to request authority from Commissioners Court to extend/renew the final two years renewal of this current agreement under the new rates, terms and conditions with **Lone Star National Bank** for the referenced project, the County is required, as of January 1, 2016, to comply with the **Texas Government Code, §2252.908**, and the rules issued by the **Texas Ethics Commission** found in Title 1, Section 46.1, 46.3 and 46.5 of the Texas Administrative Code. In accordance with these requirements for the type of contract being considered, a business must submit a completed **Certificate of Interested Parties Form 1295**, to the County before the County may enter into a contract with the business entity.

Thus, in order for County staff to process the above referenced extension/renewal; you must complete Form 1295 and file Form 1295 with the Texas Ethics Commission. You can find the 1295 Form through the Texas Ethics Commission at the following website:

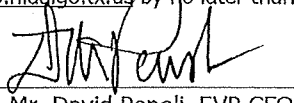
[https://www.ethics.state.tx.us/whatsnew/elf\\_info\\_form1295.htm](https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm)

In box 3 of **Form 1295**, provide **Renewal/Extension No. E-17-001 & E-17-001A**. Once completed and filed with the Texas Ethics Commission, Form 1295 must be printed and signed in the presence of a notary and submitted to our office by the deadline stated below.

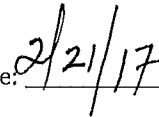
In order to proceed with approval of **Renewal/Extension** for referenced project by **Commissioners Court on Tuesday March 07, 2017**, the signed notarized "HB Form 1295" and "Extension Notice" must be received in our office completed via email to: [tanya.delira@co.hidalgo.tx.us](mailto:tanya.delira@co.hidalgo.tx.us) **by no later than Wednesday March 1<sup>st</sup>, 2017**. Hidalgo County cannot enter into a contract until Form 1295 is submitted, therefore, failure to timely submit Form 1295 signed, and notarized may result in delay of award.

Please acknowledge receipt to this notice by signing below and returning to the Hidalgo County Purchasing Department, via email: [tanya.delira@co.hidalgo.tx.us](mailto:tanya.delira@co.hidalgo.tx.us) by no later than date reflected above.

By:

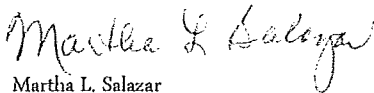
  
Mr. David Penoli, EVP CFO

Date:



Hidalgo County Purchasing Department welcomes and appreciates your participation in the contract process. If any further assistance is required, please do not hesitate to call the Purchasing Department (956)318-2626.

Sincerely,



Martha L. Salazar

Martha L. Salazar, CPPB  
Hidalgo County Purchasing Agent

MLS/tdl  
Enclosures

# CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.  
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

**OFFICE USE ONLY  
CERTIFICATION OF FILING**

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.  
Lone Star National Bank  
McAllen, TX United States

Certificate Number:  
2017-169751

Date Filed:  
02/21/2017

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.  
The County of Hidalgo Texas and Hidalgo County Drainage District No. 1

Date Acknowledged:

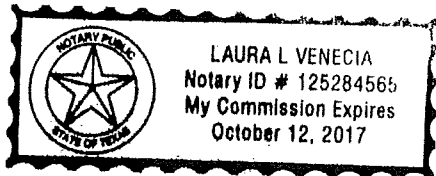
3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.  
E-17-001- & E-17-001A  
Depository Service Renewal/Extensions

4 Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
		Controlling	Intermediary
Penoli, David M.	McAllen, TX United States		X
Deanda, Jr., S. David	McAllen, TX United States		X
Lone Star National Bancshares-Texas, Inc.	McAllen, TX United States	X	

5 Check only if there is NO Interested Party.

6 AFFIDAVIT

I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.



*[Handwritten Signature]*

Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said individual, this the 21<sup>st</sup> day of February, 2017, to certify which, witness my hand and seal of office.

*[Handwritten Signature]*  
Signature of officer administering oath

Laura Venecia  
Printed name of officer administering oath

Banking Officer  
Title of officer administering oath

# CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.  
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

**OFFICE USE ONLY  
CERTIFICATION OF FILING**

Certificate Number:  
2017-169751

Date Filed:  
02/21/2017

Date Acknowledged:  
02/22/2017

**1 Name of business entity filing form, and the city, state and country of the business entity's place of business.**  
Lone Star National Bank  
McAllen, TX United States

**2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.**  
The County of Hidalgo Texas and Hidalgo County Drainage District No. 1

**3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.**  
E-17-001- & E-17-001A  
Depository Service Renewal/Extensions

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary
	Penoli, David M.	McAllen, TX United States		X
	Deanda, Jr., S. David	McAllen, TX United States		X
	Lone Star National Bancshares-Texas, Inc.	McAllen, TX United States	X	

**5 Check only if there is NO Interested Party.**

**6 AFFIDAVIT** I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.

\_\_\_\_\_  
Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said \_\_\_\_\_, this the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, to certify which, witness my hand and seal of office.

\_\_\_\_\_  
Signature of officer administering oath      Printed name of officer administering oath      Title of officer administering oath

**Zimbra****tanya.delira@co.hidalgo.tx.us**

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**Re: LSNB Extension**

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**From :** Tanya De Lira <tanya.delira@co.hidalgo.tx.us> Thu, Feb 16, 2017 04:35 PM  
**Subject :** Re: LSNB Extension 1 attachment  
**To :** Fred Zamarripa  
<alfredo.zamarripa@treasurer.co.hidalgo.tx.us>  
**Cc :** Martha Salazar <martha.salazar@co.hidalgo.tx.us>, Dina  
Trevino <dina.trevino@co.hidalgo.tx.us>

Mr. Zamarripa,  
I believe you were requesting for us to place the Bank Depository Extension thru C.C. for 02/21/2017. I sadly inform you that I am currently working on getting all pertaining documentation together like HB1295, legal approval and revised extension letter that I've requested in order to avoid any concerns. With this said I want to tell you that it will be ready for March 7th.

Any questions or concerns please contact me.

Thank you.

*Tanya De Lira, Buyer III*

Hidalgo County Purchasing Department  
2812 S. Business Hwy 281  
Edinburg, Texas 78539  
O 956 292 7000 x 4878  
F 956 292 7612

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**From:** "Dina Trevino" <dina.trevino@co.hidalgo.tx.us>  
**To:** "Tanya De Lira" <tanya.delira@co.hidalgo.tx.us>  
**Cc:** "Martha Salazar" <martha.salazar@co.hidalgo.tx.us>  
**Sent:** Thursday, February 16, 2017 3:22:21 PM  
**Subject:** Fwd: LSNB Extension

Tanya,

Please proceed to place the depository bank contract on the next Comm. Crt. meeting to exercise the our option to extend for the final two years with new terms and conditions. Also, send the attachment to Mr. Crain for review and approval.

Thank you,  
**Dina R. Trevino**  
**Assistant, Budget Officer**  
County of Hidalgo, Texas

Department of Budget & Management  
Office: (956) 292-7000 Ext. 5405  
Fax: (956) 292-7035  
[dina.trevino@co.hidalgo.tx.us](mailto:dina.trevino@co.hidalgo.tx.us)

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**From:** "Alfredo Zamarripa" <[alfredo.zamarripa@co.hidalgo.tx.us](mailto:alfredo.zamarripa@co.hidalgo.tx.us)>  
**To:** "Dina Trevino" <[dina.trevino@co.hidalgo.tx.us](mailto:dina.trevino@co.hidalgo.tx.us)>  
**Sent:** Monday, February 13, 2017 2:37:13 PM  
**Subject:** LSNB Extension

Dina,  
Norma provided me the attached proposal she received from Lone Star National Bank. She was scheduled to be out-of-town this past Monday through Wednesday (02/06/17 - 02/08/17) and wanted to be available when this proposal was presented to Commissioners Court. Would it be possible to have the Purchasing Department place this item on the upcoming meeting scheduled for February 21, 2017?

*Thank you,*

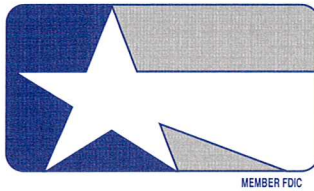
**Alfredo Zamarripa**  
**Chief Deputy**

Hidalgo County Treasurer's Office  
2810 South Business Highway 281  
Edinburg, Texas 78539-6243  
Phone: (956) 318-2506 Extension 4810  
Fax: (956) 318-2507



**LSNB - Extension Proposal.pdf**  
432 KB

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## Lone Star National Bank™

January 19, 2017

Ms. Norma Garcia  
County Treasurer  
County of Hidalgo  
2810 South Business Highway 281  
Edinburg, Texas 78539-6243

Re: Depository Contract Extension Proposal

Dear Ms. Garcia:

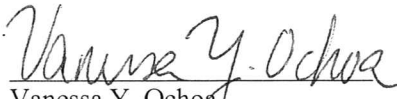
Lone Star National Bank accepts your request for an extension of the current depository contract. The original contract set to expire on May 9, 2017 will be extended to a new expiration date of May 9, 2019.

Under the new proposal all accounts will earn on its average collected balances kept at the bank an interest rate tied to an average of 75% of the U.S. Treasury 13 week bill rate which will be determined by taking the average of the "investment rate" from the weekly auctions from the previous month. The bank uses [www.treasurydirect.gov](http://www.treasurydirect.gov) to obtain the values. The rate will have a cap of 1.50% (rates will need to increase by more than 150 bps over the next two years for the cap to be triggered). The County of Hidalgo accounts will continue on account analysis. Due to the accounts earning interest, no earnings credit will be earned for analysis purposes. All the other terms of the current contract will be in effect through the extension period.

We believe the terms offered by the bank will be very beneficial to the County given the rate forecast by market participants for rates to increase over the next two years.

Should you have further inquiries regarding the abovementioned proposal, please do not hesitate to contact Vanessa Ochoa at 956-984-2913 or via e-mail at [ochoav@lonestarnationalbank.com](mailto:ochoav@lonestarnationalbank.com) for further discussion.

Sincerely

  
Vanessa Y. Ochoa  
AVP & Fixed Income Analyst II

Agreed and accepted on behalf of County of Hidalgo this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
County Judge

shall be considered in fixing, and is protected by, a county depository's bond.

(b) Orders for payment, checks, and vouchers evidencing the money deposited in the county depository under Subsection (a) are subject to audit and countersignature as provided by law.

Acts 1987, 70th Leg., ch. 149, Sec. 1, eff. Sept. 1, 1987.

Amended by:

Acts 2011, 82nd Leg., R.S., Ch. 606 (S.B. 373), Sec. 21, eff. September 1, 2011.

#### SUBCHAPTER B. ESTABLISHMENT OF DEPOSITORY

Sec. 116.021. DEPOSITORY AND SUBDEPOSITORY CONTRACTS. (a) The commissioners court of a county shall select by the process provided by this subchapter or by Subchapter C, Chapter 262, one or more banks in the county and enter a contract with each selected bank for the deposit of the county's public funds. The county shall contract with a bank under this section for a two-year or four-year contract term. On expiration of a contract under this section, **the contract may be renewed for two years under terms negotiated by the commissioners court.**

(b) If the contract is for a four-year term, the contract shall allow the county to establish, on the basis of negotiations with the bank, new interest rates and financial terms of the contract that will take effect during the final two years of the four-year contract.

(c) On the renewal of a contract, the county may negotiate new interest rates and terms with the bank for the next two years in the same way and subject to the same conditions as provided by Subsection (b).

(d) If for any reason a county depository is not selected under Subsection (a), the commissioners court, at any subsequent time after 20 days' notice, may select, by the process described by Section 116.024 or by negotiated bid, one or more depositories in the same manner as at the regular time.

(e) If the commissioners court selects a depository by the process provided by Subchapter C, Chapter 262, the depository may be selected by:

- (1) competitive bidding; or
- (2) another method under that subchapter that the county is qualified to use.

Acts 1987, 70th Leg., ch. 149, Sec. 1, eff. Sept. 1, 1987. Amended by Acts 1991, 72nd Leg., ch. 527, Sec. 2, eff. Sept. 1, 1991; Acts 1995, 74th



**1.2. Term.** Bank shall act as Depository until May, 2017, and for so long thereafter as necessary in order for District to change over to any successor Depository.

**1.3. Applicable Law.** The terms of this Agreement shall, at all times, be subject to the Constitution of the State of Texas, and the rules and regulations promulgated by the Office of the Comptroller of the Currency, the Federal Reserve System and the Federal Deposit Insurance Corporation.

## **II. DEMAND DEPOSITS AND RELATED SERVICES**

**2.1 Demand Deposit Accounts.** Subject to the terms of all attachments and exhibits to this Agreement, Bank shall provide any and all checking accounts, including Public Fund N.O.W. checking accounts as indicated in Bank's depository bid, requested by Drainage District No.1. Aggregate balances greater than those required by the District to meet its current obligations will be invested, with excess funds placed either in interest bearing transaction accounts, or time deposits, pursuant to instructions received from District. The instructions shall be in accordance with the procedures and provisions set forth in Section III of this Agreement. The District will pay for all checks and deposit slips, which may be ordered through the Bank.

**2.2 Pledge of Securities.** Except to the extent payment of demand deposit balances are guaranteed by the Federal Deposit Insurance Corporation, all District demand deposits will be secured and guaranteed by a pledge to District of marketable securities of the type, nature and quality (i) authorized and allowed by, and within the time period required by, V.T.C.A., Local Government Code, Chapters 116 and 117, as may be amended from time to time, as though District was a county (ii) approved in advance by the District (hereinafter referred to as "Securities"), (iii) allowed by District's Investment Policy, and (iv) as determined by all attachments and exhibits to this Agreement. The Securities shall be deposited with the correspondent bank of Bank

which is presently Frost National Bank. The correspondent bank shall be authorized to surrender to Bank from time to time all interest coupons becoming due on said Securities so deposited or interest earned and collected on any Securities deposited, or the correspondent bank may collect said coupons or interest and deliver the proceeds thereof to Bank, so long as Bank is not in default to District under the terms of this Agreement. At any given time, all Securities pledged shall have a total market value determined by the District to be at least equal to **105%** of the uninsured aggregate demand deposit balance. When the District determines that the total market value of Securities pledged by Bank is in excess of 105% of the amount required to fully insure District, the District shall authorize the correspondent bank to release Securities to Bank in an amount equal to the excess that the District determines to exist. In the event the District determines that the market value of the Securities pledged is less than 105% of the uninsured aggregate demand deposit balance, it shall notify Bank in writing and Bank shall, within one banking day, pledge Securities determined to be sufficient by the District to cover any such deficit and immediately deposit same with its correspondent bank.

Bank shall provide District daily, at or before 11:00 a.m. on each banking day, a list of the Securities pledged against the demand deposit accounts and the market value of the Securities based on the relevant market.

If Bank shall desire to sell or otherwise dispose of any one or more of said securities so kept in safe keeping, it may substitute for any one or more of such securities other securities of the same market value and of the character authorized herein.

**2.3 Overdrafts.** Bank agrees to provide overdraft coverage to the District for each account as provided in all attachments and exhibits to this Agreement. Overdraft

checks will be paid as long as the aggregate funds on deposit in all demand deposit accounts are sufficient to meet the amount of total overdrafts. All NSF items presented for payment and subsequent Overdrafts will be covered as long as the District has cumulative balances in all accounts to cover the NSF/overdraft balance and the total is not to exceed \$1,000,000. If the aggregate funds are insufficient, Bank will consider a loan to provide the monies necessary to cover the overdrafts, but loan will be subject to the then current bank underwriting criteria and subject to bank approval.

**2.4 Other Related Services.** Bank will provide the following additional services to District at a cost either set forth in all attachments and exhibits to this Agreement, or, if the service or item is to be performed or purchased through a source outside of the Bank, then at the cost assessed by the third party, which may include but not be limited to:

- (a) Service charges on any District account or on any account of any organization connected with the District, are set forth in all attachments and exhibits to this Agreement.
- (b) Preparation of monthly statement beginning with the first day of month and ending with the last date of the month, showing debits, credits, and balances of each separate account and sequential listing of cashed checks within seven (7) working days after calendar month-end. Provide insufficient fund items, deposit slips, charge backs, return items, checks paid and items deposited un-encoded.
- (c) Keep a full and separate itemized account of each different class of District funds coming into its hands and; making its records available for audit by the District and its independent auditors.
- (d) Preparation of such other reports, accounts, and records which may, from time to time, be required by District in order to properly discharge the duties as provided by the law of the Depository.
- (e) Arrange canceled checks in numerical sequence.
- (f) All checks deposited shall be honored in the demand checking account based upon Bank's funds availability schedule.

- (g) Provide a daily summary of the demand accounts, time deposits, and securities pledged.
- (h) Furnish a suitable safety deposit box or boxes if needed.
- (i) To provide suitable vault space for District.
- (j) Furnish cashier's checks and/or bank drafts to the District.
- (k) Furnish night depository services, including locking bags and keys. Such bags will be available to the District on bank holidays on which District offices are open.
- (l) To furnish checks and deposit slips of the quantity, quality and type necessary for District's use.
- (m) To provide Federal Obligations investment service when needed.
- (n) Furnish wire transfers for deposits and disbursements to the District.
- (o) Stop payment on checks to the District.
- (p) Coin counting and wrapping service, as well as money straps and coin envelopes.
- (q) Endorsement stamps.
- (r) Diskette for bank reconciliation purposes of paid items for accounts designated by District.
- (s) Direct Deposit service for payroll checks.
- (t) Research statement reproduction.
- (u) Monthly report of the market value of securities pledged.
- (v) Provide ledger credit on the same banking day as deposits occur (holidays and weekends excepted). Subject to the then current bank availability. This includes same credit on wire transfers of funds from the Federal and State government, subject to the Banks wire transfer times and agreement attached.
- (w) Intentionally deleted.
- (x) Daily ledger and average balance reporting delivered daily to the employees of the District designated to receive same by the Chairperson of the District's Board of Directors.

- (y) Bank personnel and bookkeeping time dedicated solely to District, as needed.
- (z) Bond and coupon service.
- (aa) Work up of night deposit bags.
- (bb) Cashing of nonbank customer's checks drawn on District accounts.
- (cc) Daily hand delivery of all charge back items to District.
- (dd) Cut-off statements provided weekly and monthly.
- (ee) Automated Clearing House services.
- (ff) Safekeeping services for all trust accounts of District.
- (gg) Checks and statement physically delivered to District's offices at statement cycle time.
- (hh) Provide any other services normally rendered banking customers that are exempt from service charges by any banking regulation.

### **III. TIME DEPOSITS**

**3.1 Investments in Government Securities.** District and Bank agree that all District funds not placed in demand deposit accounts in accordance with Section II of this Agreement, will be invested by District in accordance with V.T.C.A., Local Government Code, Chapters 116 and 117, in direct debt securities of the United States or in other authorized investments as set out in said statute and in conformity with District's Investment Policies, as may from time to time be amended, as though the District were a county. District shall only invest funds that are not, in District's sole discretion, required to pay District's immediate obligations. All such investments shall be in District's name. The District shall receive 100% of the yield on all investments. Investment decisions made by the District will be based solely on the decisions of the District and all risks appurtenant thereto shall be borne by the District.

**3.2 Purpose of Investments.** District will conduct a thorough analysis of its finances and will make projections and estimate funding needs over the term of this Agreement. Based on this analysis, and in accordance with District's Investment Policies, District will purchase using approved brokers of the District, with the funds transferred if needed by the Bank, debt securities of the United States of America and its agencies or other investments permitted by the applicable statute or will deposit funds in a federally insured time deposit at other financial institutions and will match the maturities of all of these investments with District's anticipated funding needs. Bank will provide assistance to District in developing its projections; however, it shall be District's duty, not Bank's, to make accurate projections of its cash flows and funding needs and to match its investment decisions to these estimates.

**3.3 Procedures for Security Purchases.** District will be solely responsible for its investments in accordance with District's Investment Policies. Bank agrees to provide limited assistance and counseling to District regarding investment portfolio management and analysis without charge, but the responsibility for all investment decisions shall remain solely with the District. Bank agrees to provide daily to the District market value valuation and collateralization reports of Securities and investments made pursuant to this Agreement. Bank shall remit all audit reports required by District within a reasonable length of time.

**3.4 Underestimates of Funding Requirements.** If at any time District finds that its funding needs are greater than those projected at the time the Securities were purchased, Bank will consider a loan if necessary to cover the shortage in funds to District in accordance with the provisions of Section IV, below.

## IV. LOAN SERVICES

**4.1 Loan Terms.** Bank agrees to consider loans to District throughout the term of this Agreement, but makes no commitments to make any loan. The interest rate charged on all loans will be at a rate equal to the prime rate set by the Wall Street Journal, which, for the purposes hereof, is defined as the base rate on corporate loans at large United States money center commercial banks, as published daily in the Money Rates section of the Wall Street Journal, (the "Prime Rate"). The interest rate shall be adjusted daily to the Prime Rate in effect.

**4.2 Unsecured Credit.** Bank shall grant to District an unsecured revolving line of credit up to \$1,000,000, subject to the then bank credit guidelines and approval, said line of credit to be used to cover any outstanding overdrafts. The line of credit shall be evidenced by loan documents other than this Agreement.

**4.3 Secured Credit.** Bank may make loans to District which are 100% secured by a pledge of Securities owned by District. Total amount of secured loans shall be limited to the total market value of District's Securities portfolio. All secured loans shall be subject to then bank credit guidelines and approval.

## V. GENERAL PROVISIONS

**5.1** All obligations of the parties created hereunder are to be performed in Hidalgo County, Texas.

**5.2** Should any provision of this Agreement be declared invalid, illegal or void it is the intent of the parties that all other provisions remain fully enforceable.

**5.3** All section and paragraph headings contained herein are for informational purposes only and are not intended to be binding upon the actual contents of the sections and paragraphs and, in the event of a conflict between headings and contents, the contents of each section and paragraph shall rule.

5.4 All notices or demands of any kind, which the parties may be required or may desire to serve upon each other under the terms of this Depository Agreement may be served upon the parties by leaving a copy of such demand or notice with the party or by mailing a copy thereof by registered or certified mail, postage prepaid, addressed to:

If to District: Hidalgo County Drainage District #1  
Attn:  
302 West University Drive  
Edinburg, Texas 78539

If to Bank: Lone Star National Bank  
David Penoli, EVP CFO  
520 E. Nolana  
McAllen Texas 78504

If to correspondent Frost Bank

or at such other address or addresses at which may be designated by the parties in writing to each other.

5.5 In the event of a conflict between the provisions of this agreement and those contained in Bank's County Depository Bid Form, the provisions of the Bid shall control.

5.6 The following are attached hereto and incorporated herein: Exhibit "A".

EXECUTED in multiple originals as of the date first above written.

Signatures follow on the next page.

HIDALGO COUNTY DRAINAGE DISTRICT No. 1

By: Ramon Garcia

APPROVED BY HIDALGO  
COUNTY DRAINAGE DISTRICT  
NO. 1 BOARD OF DIRECTORS  
ON: 5/21/13

ATTEST:

Arturo Guajardo Jr.  
Arturo Guajardo Jr., County Clerk

Lone Star National Bank

By: David Penoli  
David Penoli, EVP CFO

ATTEST:

\_\_\_\_\_  
Cashier

CORRESPONDENT BANK:

Frost National Bank

By: \_\_\_\_\_

Printed Name: David Lane  
Title: Correspondent Banker

ATTEST:

\_\_\_\_\_  
Cashier

Approved As To Form:  
Atlas, Hall & Rodriguez, LLP

By: Stephen L. Crain  
Stephen L. Crain

Date: \_\_\_\_\_

**RESOLUTION OF THE HIDALGO COUNTY DRAINAGE DISTRICT NO. 1  
EXTENDING DEPOSITORY CONTRACT**

**STATE OF TEXAS           §**

**COUNTY OF HIDALGO   §**

**WHEREAS**, the Board of Directors of the Hidalgo County Drainage District No. 1 negotiated an extension of the term of Hidalgo County Drainage District No. 1's Depository Contract in accordance with applicable statutes; and

**WHEREAS**, the Hidalgo County Drainage District No. 1's Depository Contract with Lone Star National Bank rather than expiring on May 9, 2017 shall be extended for two (2) years with an expiration date of May 9, 2019.

**NOW THEREFORE**, on motion duly made, seconded and adopted BE IT RESOVLED by the Board of Directors of the Hidalgo County Drainage District No. 1 that Lone Star National Bank, Depository, located in Hidalgo County, State of Texas, being a bank as that term is defined in Section 116.001 (1) of the Texas Local Government Code (the "Bank") and Hidalgo County Drainage District No. 1 agree to extend for an additional two-year term from May 10, 2017 to May 9, 2019, the existing terms and conditions for banking services and rates except for such extension time period all accounts of Hidalgo County Drainage District No. 1 will earn on the average collected balances kept at the Bank an interest rate of Seventy-Five percent (75%) of the U.S. Treasury 13 week bill rate which rate will be determined by taking the average of the "investment rate" from the weekly auctions for the immediately preceding month using [www.treasurydirect.gov](http://www.treasurydirect.gov) to obtain the values. Such interest rate will have a cap of 1.50% (rates will need to increase by more than 150 bps over the next two years for the cap to be triggered). All Hidalgo County Drainage District No. 1's accounts will continue on account analysis earning interest, no earnings credit will be earned for account analysis. All other terms and conditions of the existing Depository Contract in effect from May 9, 2015 through May 9, 2017 remain unchanged and in effect.

**PASSED, APPROVED, ADOPTED, SIGNED AND RESOLVED** this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
Ramon Garcia, Chair  
Hidalgo County Drainage District No. 1  
Board of Directors

AGREED AND ACCEPTED on behalf of Lone Star Bank this the \_\_\_\_ day of \_\_\_\_\_, 2017.

Lone Star National Bank

By: \_\_\_\_\_  
Signature of authorized Bank Officer

Its: \_\_\_\_\_  
Title of Authorized Bank Officer

ACKNOWLEDGMENT

Acknowledged before me in Hidalgo County Drainage District No. 1 on \_\_\_\_\_, 2017, by \_\_\_\_\_ bank officer of the Depository named in the preceding document, for the Depository.

(SEAL)

\_\_\_\_\_  
Notary

Notary Public in and for Hidalgo County,  
Texas

Zimbra

*BANKS approval of Resolution*

tanya.delira@co.hidalgo.tx.us

**RE: Depository Contract's****From :** David M. Penoli <penolid@lonestarnationalbank.com>

Thu, Mar 02, 2017 05:35 PM

**Subject :** RE: Depository Contract's

12 attachments

**To :** 'Martha Salazar' <martha.salazar@co.hidalgo.tx.us>, Steve Crain <scrain@atlashall.com>, Raul Sesin <raul.sesin@hcdd1.org>, Norma G. Garcia <norma.garcia@co.hidalgo.tx.us>, sergio cruz <sergio.cruz@co.hidalgo.tx.us>

**Cc :** Vanessa Ochoa <ochoav@lonestarnationalbank.com>, Marynel Trevino <mntrevino@atlashall.com>, lora briones <lora.briones@hcdd1.org>, Moises Salazar <moises.salazar@hcdd1.org>, Alfredo Zamarripa <alfredo.zamarripa@co.hidalgo.tx.us>, Dina Trevino <dina.trevino@co.hidalgo.tx.us>, Tanya De Lira <tanya.delira@co.hidalgo.tx.us>

Hello,

I think this covers the terms. Approved.

Thank you

**David M. Penoli | Chief Risk Officer | Executive Vice President**

520 E. Nolana Ave | McAllen, TX 78504


Phone (956) 984-2866 | Fax (956) 661-4877 | Mobile (956) 566-3439

**Lone Star National Bank**

Bringing the Bank to You in the Rio Grande Valley and San Antonio

[www.lonestarnationalbank.com](http://www.lonestarnationalbank.com)

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**From:** Martha Salazar [mailto:martha.salazar@co.hidalgo.tx.us]**Sent:** Thursday, March 02, 2017 2:22 PM**To:** David M. Penoli; Steve Crain; Raul Sesin; Norma G. Garcia; sergio cruz**Cc:** Vanessa Ochoa; Marynel Trevino; lora.briones@hcdd1.org; Moises Salazar; Alfredo Zamarripa; Dina Trevino; Tanya De Lira**Subject:** Fwd: Depository Contract's

Mr. Penoli:

Please review the two attached documents for both HC and HCDD#1 Depository Contract permitted extensions. As I stated earlier, we will place both contracts on their respective CC and BOD agendas this next Tuesday and need your concurrence and approval. DD#1 requires a "Resolution" and HC needs an "Order". We await your response.

Thanks,

Marty Salazar

---

**From:** "Steve Crain" <[scrain@atlashall.com](mailto:scrain@atlashall.com)>  
**To:** "Martha Salazar" <[martha.salazar@co.hidalgo.tx.us](mailto:martha.salazar@co.hidalgo.tx.us)>  
**Sent:** Thursday, March 2, 2017 2:17:37 PM  
**Subject:** Depository Contract's

Hi Marty:

As per Mr. Crain, please refer to the following:

1. Order of the Commissioners County of Hidalgo County Extending Depository Contract;
2. Resolution of the Hidalgo County Drainage District No. 1 Extending Depository Contract.

Should you have any questions, please call our office.

Thank you,

Marynel Trevino-Rodriguez, Secretary for  
Stephen L. Crain & J. Joseph Vale  
**ATLAS, HALL & RODRIGUEZ, LLP**  
818 Pecan Blvd. (78501)  
P. O. Box 3725  
McAllen, Texas 78502  
Direct Telephone Number (956) 632-8221  
Office Telephone Number (956) 682-5501  
Facsimile Number (956) 686-6109  
Website address: [www.atlashall.com](http://www.atlashall.com)



**Atlas Hall  
Rodriguez**

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**AI -58748**

**6.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted For: Jaime Salazar

Submitted By: Jaime Salazar, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Requesting approval of Inter-Local Agreement between Hidalgo County Drainage District No.1 and City of Edinburg as it relates to improvements to the Jackson Drain Ditch.

BACKGROUND

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Fiscal Impact

Attachments

ILA COE

---

**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Jaime Salazar		Started On: 02/28/2017 04:34 PM
Final Approval Date: 03/03/2017		

STATE OF TEXAS §

COUNTY OF HIDALGO §

**INTERLOCAL COOPERATION AGREEMENT  
BETWEEN HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 AND  
CITY OF EDINBURG, TEXAS**

**THIS** Agreement is made on this the \_\_\_\_ day of , \_\_\_\_ 2017, by and between **HIDALGO COUNTY DRAINAGE DISTRICT NO.1** (hereinafter referred to as "District") and **CITY OF EDINBURG, TEXAS** (hereinafter referred to as "City"), pursuant to the provisions of the Texas Interlocal Cooperation Act, as follows:

**WITNESSETH:**

**WHEREAS**, City is a home municipality located in Hidalgo County, Texas; and

**WHEREAS**, City currently owns a drainage ditch known as the Jackson Drain Ditch, which is located within the City east of South Jackson Road between Jackson Road and Pin Oak Road which enters a section of the District's Ditch (hereinafter referred to as the "Ditch") as marked in the aerial photo attached hereto as Exhibit "A" and made a part hereof; and

**WHEREAS**, the Ditch is only currently serving the residents within the City of Edinburg subdivisions with drainage; and

**WHEREAS**, City desires the District to fully construct improvements to the Ditch, including but not limited to surveys, engineering, and construction; and

**WHEREAS**, the District desires to transfer the section of the ditch that is owned by the District as shown on "Exhibit B" to the City; and

**WHEREAS**, City is requesting District's assistance in constructing the said improvements of the Ditch; and

**WHEREAS**, City will be providing the Project with funding for materials only in the amount of Twenty One Thousand Seven Hundred Fifty Eight Dollars and Forty Eight Cents (\$21,758.48) to place a large section underground to allow maintenance on the north side of the City's Ditch and along the fences of the properties that City maintain such ditch thereafter; and

**WHEREAS**, District desires to assist the City by constructing the said improvements to the ditch and transfer the triangular section of the ditch as shown in Exhibit "B"; and

**WHEREAS**, both parties have determined that the improvements will benefit the residents of City and District.

**NOW, THEREFORE,** District and City, in consideration of the mutual covenants expressed hereinafter, agree as follows:

1. The District agrees to construct all aspects of ditch improvements, including but not limited to surveys, engineering and construction of the ditch in accordance with the plans attached hereto as Exhibit "C" and made a part hereof (hereinafter referred to as "Ditch Improvements").
2. City agrees to contribute a fixed lump sum not to exceed the amount of Twenty One Thousand Seven Hundred Fifty Eight Dollars and Forty Eight Cents (\$21,758.48), as set out in the attached estimate attached hereto as Exhibit "D", to District once the project is completed for the materials for Ditch Improvements upon receipt of invoice from District.
3. Upon completion of Ditch Improvements, City shall retain the ditch and maintain Ditch Improvements at City's sole cost and expense, including but not limited the District's right of way on both sides of the Ditch.
4. 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.
5. The District agrees to transfer title to the triangular shaped tract as shown in Exhibit "B" after hereto & made a part hereof once Exhibit "D" is paid in full.
6. **Term.** The term of this Agreement shall commence upon the date of the last party to execute this Agreement and shall continue until such time as this Agreement is terminated by either party. Either party may terminate this Agreement at any time and with or without cause after thirty (30) days written notice.
7. **Indemnification.** City shall protect, defend and hold District and its elected officials, servants, agents, contractors, subcontractors, licensees, invitees and employees completely harmless from and against any and all liabilities, losses, suits, claims, judgments, fines or demands arising by reason of injury or death of any person or damage to any property, including all costs for investigation an defense thereof (including, but not limited to attorney's fees, court costs and expert fees), of any nature whatsoever arising out of the negligent acts or omission of the City under this Agreement. The provisions of this Section shall survive the expiration or termination of this Agreement and shall not be limited by reason of any insurance coverage.
8. **Indemnification.** District shall protect, defend and hold City and its elected officials, servants, agents, contractors, subcontractors, licensees, invitees and employees completely harmless from and against any and all liabilities, losses,

suits, claims, judgments, fines or demands arising by reason of injury or death of any person or damage to any property, including all costs for investigation and defense thereof (including, but not limited to attorney's fees, court costs and expert fees), of any nature whatsoever arising out of the negligent acts or omission of the District under this Agreement. The provisions of this Section shall survive the expiration or termination of this Agreement and shall not be limited by reason of any insurance coverage.

9. **City, pursuant to Tex. Trans. Code 251.012,** authorizes District to perform the work and services described herein within its corporate city limits.
10. **Conflict with 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 this Agreement shall be modified only to the extent necessary to bring them within the legal requirements and only during the times such conflict exists.
11. **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.
12. **Entire Agreement.** This Agreement contains the entire agreement between the parties hereto, and each party acknowledges that neither has made (either directly or through any agent or representative) any 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 District and not otherwise.
13. **Texas Law to Apply.** This Agreement shall be construed under and in accordance with the laws of the State of Texas, and all obligations of the parties created hereunder are performable in Hidalgo County, Texas. The parties hereby consent to personal jurisdiction in Hidalgo County, Texas.
14. **Notice.** Except as may be 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 Edinburg  
                                                 Richard H. Garcia, Mayor

415 W. University Drive  
Edinburg, TX. 78541

If to District: Hidalgo County Drainage District No.1  
Attention: Ramon Garcia, Chair, Board of Directors  
902 Doolittle Road  
Edinburg, TX 78539

15. **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.
16. **Successors.** This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective elected officials, officers, employees, legal representatives, successors, and assigns where permitted by this Agreement.
17. **Assignment.** This Agreement shall not be assignable.
18. **Headings.** The headings and captions contained in this Agreement are solely for convenience reference and shall not be deemed to affect the meaning or interpretation of any provision or paragraph hereof.
19. **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 so often as may be appropriate.
20. **Authority to Execute.** The execution and performance of this Agreement by the City and the District have been duly authorized by all necessary laws, resolutions or corporate action, and this Agreement constitutes the valid and enforceable obligations of City and District in accordance with its term.
21. **Governmental Purpose.** Each party hereto is entering into this 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.
22. **Immunities:** Nothing in this Agreement is intended to and District does not hereby waive, release or relinquish any right to assert any of the defenses District enjoys by virtue of the state or federal constitution, laws, rules or regulations, and any sovereign, official or qualified immunity available to District as to any claim or action of any person, entity, or individual against District.

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

**HIDALGO COUNTY DRAINAGE  
DISTRICT NO.1**

\_\_\_\_\_  
Ramon Garcia, Chair Board of Directors

**ATTEST:**

\_\_\_\_\_  
Arturo Guajardo, Jr., County Clerk

**CITY OF EDINBURG, TEXAS**

\_\_\_\_\_  
Richard Hinojosa, City Manager

**ATTEST:**

\_\_\_\_\_  
Myra L. Garza, City Secretary

**APPROVED AS TO FORM:**

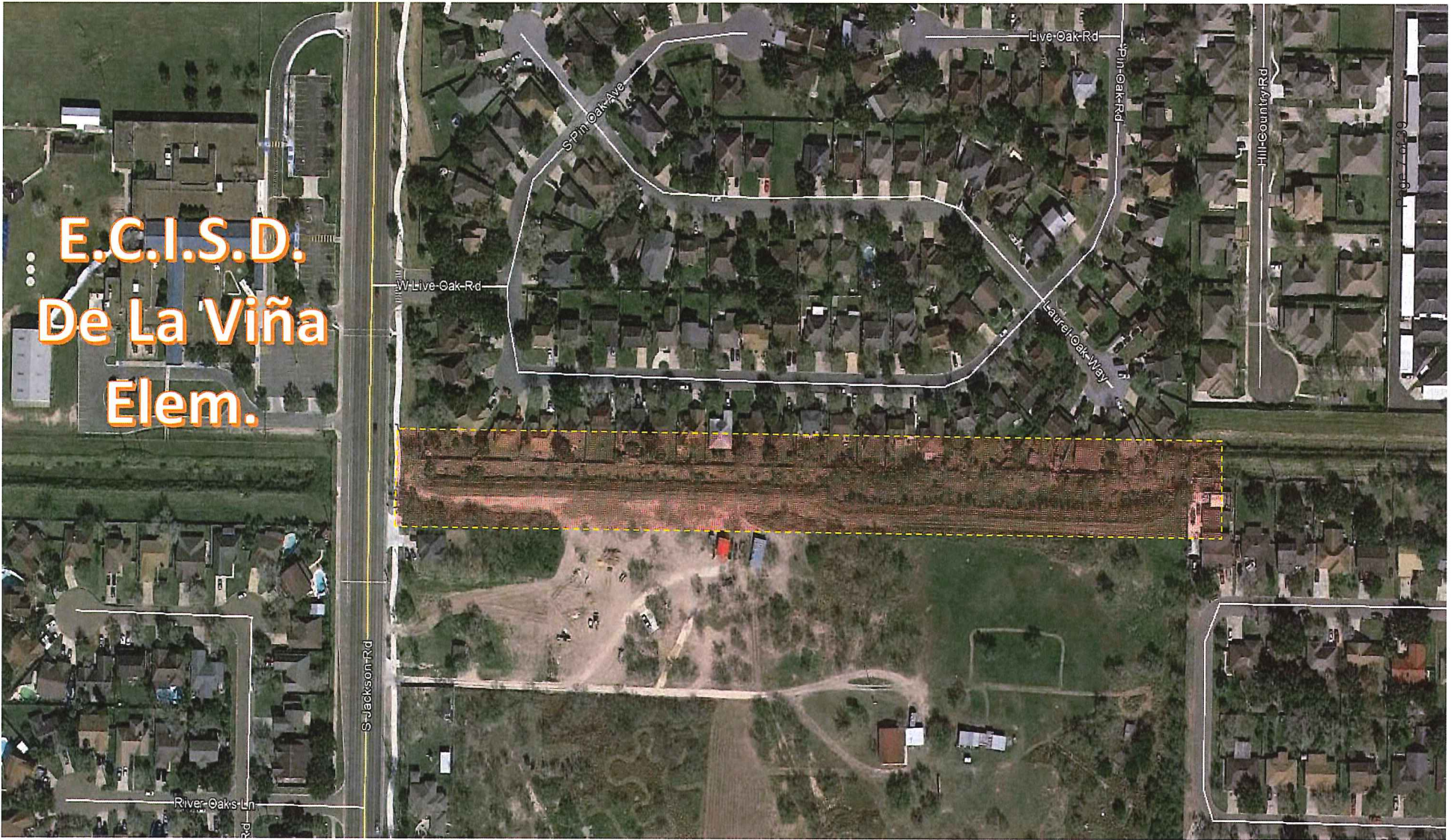
ATLAS, HALL & RODRIGUEZ, LLP

\_\_\_\_\_  
Stephen L. Crain

PALACIOS GARZA & THOMPSON P.C.

\_\_\_\_\_  
City Attorney

**EXHIBIT "A" OF THE INTERLOCAL COOPERATION AGREEMENT BETWEEN HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 AND CITY OF EDINBURG, TEXAS**



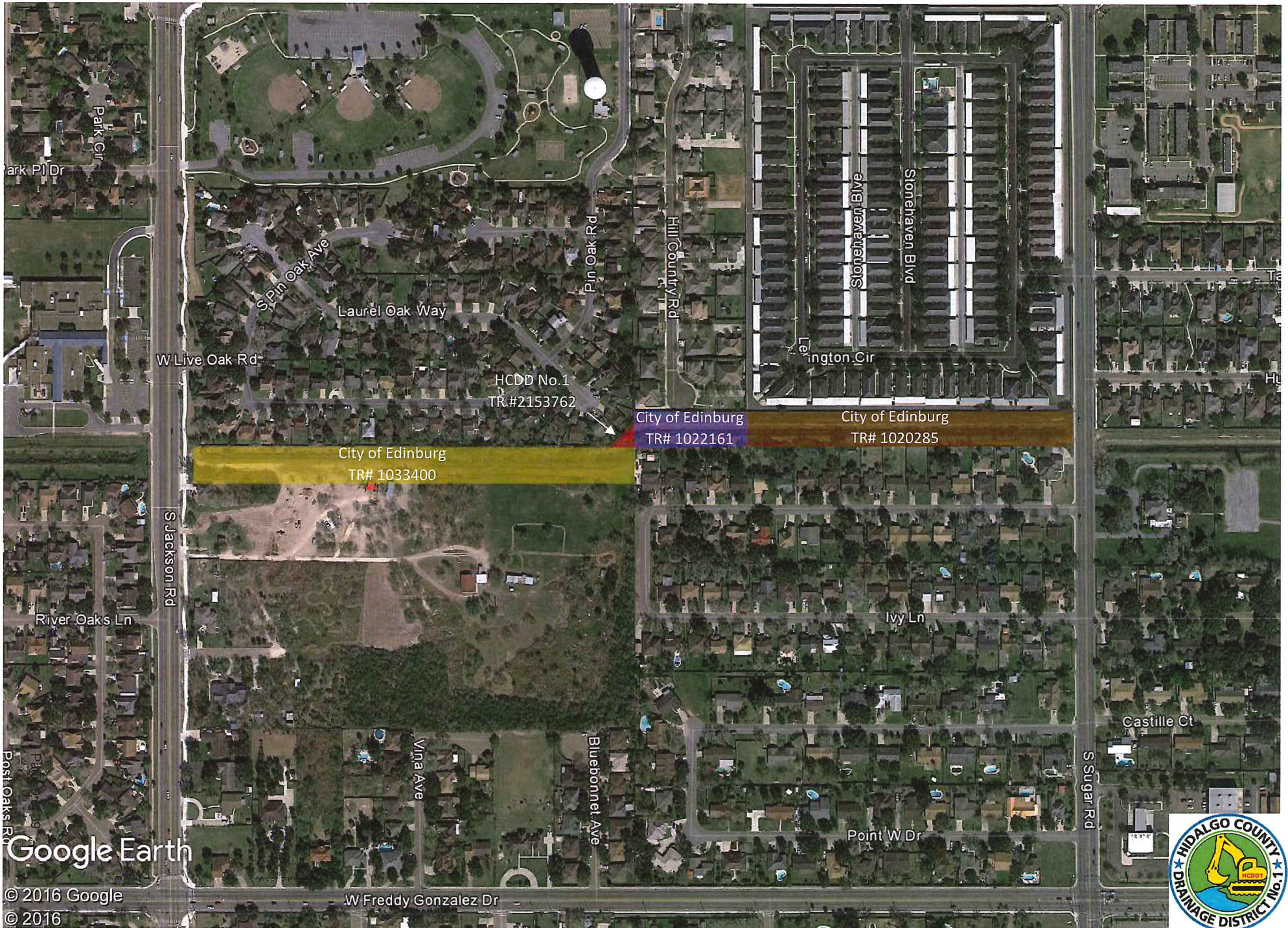
# EXHIBIT "A" JACKSON RD. DRAIN DITCH



January 4, 2017

**EXHIBIT "B" OF THE INTERLOCAL COOPERATION AGREEMENT BETWEEN HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 AND CITY OF EDINBURG, TEXAS**

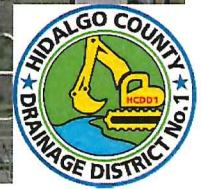
# JACKSON DRAIN Exhibit "B"



Google Earth

© 2016 Google  
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W Freddy Gonzalez Dr





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NO.            DESCRIPTION

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G1        COVER SHEET  
G2        INDEX OF SHEETS  
G3        GENERAL NOTES

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C2        PROP. JACKSON DRAIN ALIGNMENT STA. 6+50-12+78

PROPOSED CROSS SECTION

C3        PROP. CROSS SECTIONS

DETAIL SHEETS

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C5        TYPICAL DRAINAGE DETAILS

TXDOT STANDARD DETAILS

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BARRICADE AND CONSTRUCTION PROJECT LIMIT STANDARD (BC 2)-13  
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BARRICADE AND CONSTRUCTION PAVEMENT MARKING PATTERNS STANDARD (BC 12)-13  
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HIDALGO COUNTY  
DRAINAGE DISTRICT No. 1  
902 DOOLITTLE RD  
EDINBURG TX 78542  
TEL: (956) 281-1111  
www.co.hidalgo.tx.us



JACKSON DRAIN DITCH IMPROVEMENTS

INDEX SHEET



This seal represents the professional status of the holder and is subject to the provisions of the Public Accountancy Act of the State of Texas.  
*[Signature]*

PLAN VIEW SCALE:            NTS

DRAWN BY:            CP  
CHECKED BY:        N.S.E.Y.  
TOPOG SURVEY BY:    EV/SS  
SHEET:

G1

**GENERAL NOTES:**

1. ALL WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE HIDALGO COUNTY DRAINAGE DISTRICT No. 1, AND CITY OF EDINBURG.
2. THE DRAINAGE DISTRICT SHALL BE RESPONSIBLE TO CONTACT MR. RICHARD GARCIA WITH NORTH ALAMO WATER SUPPLY CORP. (N.A.W.S.C.) 48 HOURS PRIOR TO COMMENCEMENT OF WORK @ (956) 383-1618 TO COORDINATE AND MEET ANY ADDITIONAL REQUIREMENTS AND/OR SPECIFICATIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL DIG TESS 48 HOURS PRIOR TO COMMENCEMENT OF WORK FOR UTILITY SPOTTING @ (1-800-DIG-TESS).
4. THE CONTRACTOR TO NOTIFY ALL UTILITY COMPANIES FOR VERIFICATION OF LOCATION OF EXISTING FACILITIES PRIOR TO BEGINNING ANY EXCAVATION.
5. LOCATIONS OF UNDERGROUND FACILITIES ARE FROM BEST INFORMATION AVAILABLE. NEITHER THE OWNER OR ENGINEER, WARRANT THE ACCURACY OF THE INFORMATION PROVIDED. ANY DEVIATIONS SHALL BE CALLED TO THE ENGINEER'S ATTENTION IMMEDIATELY.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE CORRESPONDING UTILITY CORPORATION IN REGARDS TO THE RELOCATION/ADJUSTMENT OF ANY CONFLICTING UTILITIES. THE RELOCATION/ADJUSTMENT SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED IN THE PROPOSAL.
7. THE CONTRACTOR SHALL REMOVE ALL FENCES LOCATED WITHIN THE EASEMENTS AND RIGHT OF WAY, INTERFERING WITH CONSTRUCTION OPERATION AND PROVIDE TEMPORARY FENCING DURING CONSTRUCTION. REMOVED FENCES SHALL BE REPLACED WITH A NEW FENCE OR UNDAMAGED ORIGINAL FENCING. REMOVAL AND REPLACEMENT OF EXISTING AND TEMPORARY FENCES SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED IN THE PROPOSAL.
8. THE CONTRACTOR SHALL PROVIDE ACCESS TO EXISTING RESIDENCES AT ALL TIMES.
9. ANY DAMAGES TO FENCES, WALKS, OR PRIVATE PROPERTY SHALL BE REPAIRED BY THE CONTRACTOR AT HIS EXPENSE.
10. THE CONTRACTOR SHALL REMOVE ALL FENCES LOCATED WITHIN THE EASEMENTS, INTERFERING WITH CONSTRUCTION OPERATION AND PROVIDE TEMPORARY FENCING DURING CONSTRUCTION. REMOVED FENCES SHALL BE REPLACED WITH A NEW FENCE OR UNDAMAGED ORIGINAL FENCING. REMOVAL AND REPLACEMENT OF EXISTING AND TEMPORARY FENCES SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED IN THE PROPOSAL.
11. NO OPEN EXCAVATION SHALL BE LEFT OPEN OVERNIGHT. ALL EXCAVATIONS WHICH CANNOT BE BACKFILLED OVERNIGHT SHALL BE COVERED, AS A MINIMUM, WITH STEEL PLATING WHEN IN PAVED AND UNPAVED AREAS SUBJECT TO VEHICULAR LOADING, 3/4 PLYWOOD, WOOD PLANKING WITH O.S.H.A. GRANCE PLASTIC EXPANDED MESH BARRIER AROUND PERIMETER IN UNPAVED AREAS NOT SUBJECT TO VEHICULAR LOADING, OR AS APPROVED BY THE ENGINEER.
12. THE PREPARATION OF THESE PLANS REFLECTS INFORMATION, PROVIDED BY OTHERS, ON THE APPROXIMATE LOCATION AND EXISTENCE OF EXISTING UTILITY AND ADJACENT PHYSICAL FEATURES. HOWEVER, THEY DO NOT IMPLY OR AFFIRM THAT ALL UTILITIES OR PHYSICAL FEATURES ARE SHOWN. GENERALLY, UTILITY SERVICE CONNECTIONS ARE NOT INDICATED ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR NOTIFICATIONS OF THE OWNER IMMEDIATELY UPON ENCOUNTERING UNFORESEEN CONFLICTS.
13. THE APPROXIMATE LOCATIONS OF KNOWN EXISTING UTILITIES ARE SHOWN. CONTRACTOR SHALL DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATIONS IN THE FIELD PRIOR TO COMMENCING WORK. CONTRACTOR TO BE FULLY RESPONSIBLE FOR DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE EXISTING UTILITIES.
14. PUBLIC AND PRIVATE UTILITY LINES AND CUSTOMER SERVICE LINES MAY EXIST THAT ARE NOT SHOWN ON THE CONSTRUCTION DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE, MAINTAIN AND PROTECT THE INTEGRITY OF THESE LINES. HAND EXCAVATION MAY BE REQUIRED. THE CONTRACTOR SHALL RESTORE RELOCATED OR DIVERTED UTILITY TO ITS ORIGINAL CONDITION AND LOCATION WHEN APPLICABLE UPON COMPLETION OF CONSTRUCTION. SAID RESTORATION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED IN THE PROPOSAL.
15. THE CONTRACTOR TO MAINTAIN ALL EQUIPMENT AND TRANSPORTATION OF SAID EQUIPMENT WITHIN THE EXISTING RIGHTS-OF-WAY OF THE CITY, COUNTY, OR STATE.
16. DURING EXCAVATION OPERATIONS FOR DRAINAGE AND/OR UTILITIES, THE CONTRACTOR SHALL NOT PILE EXCAVATED MATERIAL OR EXCAVATE WITHIN THE DRIP LINE OF TREES THAT ARE TO BE PRESERVED.
17. WHERE NEW WATER LINES AND SEWER LINES ARE INSTALLED WITH A SEPARATION DISTANCE CLOSER THAN NINE FEET (I.E., WATER LINES CROSSING WASTEWATER LINES, WATER LINES PARALLELING WASTEWATER LINES, OR WATER LINES NEXT TO MANHOLES) THE INSTALLATION MUST MEET THE REQUIREMENTS OF 30 TAC 317 (DESIGN OF SEWAGE SYSTEMS) OR 30 TAC 290 (WATER HYGIENE).
18. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WATER AND SEWER CONNECTIONS TO ALL HOMES AND BUSINESSES IN WORKING ORDER AT ALL TIMES, EXCEPT FOR BRIEF INTERRUPTIONS IN SERVICE FOR CONNECTIONS TO BE REINSTALLED. IN NO CASE SHALL SERVICES BE ALLOWED TO REMAIN OUT OF SERVICE OVERNIGHT. CONTRACTOR IS RESPONSIBLE FOR DAMAGES TO SAID SERVICES.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE OF PROPOSED FACILITIES AT ALL TIMES DURING CONSTRUCTION.
20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING AREA BETWEEN THE BACK OF CURB/EDGE OF PAVEMENT, ROAD SIDE DITCH AND RIGHT-OF-WAY TO HAVE POSITIVE FLOW TO THE PROPOSED DRAINAGE SYSTEM.
21. THE CONTRACTOR SHALL PROVIDE/MAINTAIN ADEQUATE POSITIVE DRAINAGE AT ALL TIMES DURING THE INSTALLATION OF THE STRUCTURES, DRAINAGE, UTILITY, IRRIGATION AND ROAD IMPROVEMENTS. DEWATERING OF THE TRENCH MAY BE REQUIRED DURING THE INSTALLATION OF THE DRAINAGE, UTILITY AND IRRIGATION FACILITIES/STRUCTURES. SAID DEWATERING SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT COST AND REFLECTED IN THE UNIT BID PRICES FOR VARIOUS ITEMS LISTED IN THE PROPOSAL.
22. THE CONTRACTOR SHALL CLEANUP AND RESTORE THE AREA OF OPERATIONS TO A CONDITION AS GOOD AS OR BETTER THAN THAT WHICH EXISTED PRIOR TO INSTALLATION OF ALL ITEMS TO BE CONSTRUCTED.
23. ALL DEBRIS, VEGETATION AND SURPLUS MATERIAL, RESULTING FROM DEMOLITION AND/OR CLEARING OF THE RIGHT-OF-WAY IN PREPARATION OF PROPOSED IMPROVEMENTS SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE PROPERLY DISPOSED OF AT A SITE ACCEPTABLE TO HIDALGO COUNTY PRECINCT DRAINAGE DISTRICT No 1. THE CONTRACTOR SHALL PROVIDE A LETTER STATING SO. THIS SHALL BE INCIDENTAL AND NOT A SEPARATE PAY ITEM UNLESS STATED SO. NO EXCESS EXCAVATED MATERIAL SHALL BE DEPOSITED IN LOW AREAS OR ALONG NATURAL DRAINAGE WAYS WITHOUT WRITTEN PERMISSION FROM THE AFFECTED PROPERTY OWNER AND THE HIDALGO COUNTY DRAINAGE DISTRICT No 1. IF THE CONTRACTOR PLACES EXCESS MATERIAL IN THE AREAS WITHOUT WRITTEN PERMISSION, HE WILL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM SUCH FILL AND CONTRACTOR SHALL REMOVE THE MATERIAL AT OWN COST.
24. THE CONTRACTOR IS RESPONSIBLE FOR THE PREPARATION AND SUBMITTAL OF THE TRENCH EXCAVATION PROTECTION PLAN. CONTRACTOR SHALL SUBMIT CONSTRUCTION DETAILS AND DESIGN CALCULATIONS BEARING THE SEAL OF A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF TEXAS BEFORE CONSTRUCTING THE SHORING AND/OR UTILIZING A TRENCH PROTECTION SYSTEM (BOX). THE ENGINEER RESERVES THE RIGHT TO REJECT DESIGNS NOT MEETING THE REQUIREMENTS OF SECTION ITEM 402 AND 403.
25. THE CONTRACTOR SHALL BE RESPONSIBLE TO FOLLOW ALL T.C.E.Q. STORM WATER POLLUTION PREVENTION PLAN (SWP3) REQUIREMENTS AS PER SWP3 SHEETS AND AS STATED IN TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM CONSTRUCTION GENERAL PERMIT (TPDES 1XR150000, EFFECTIVE DATE MARCH 5, 2008), INCLUDING N.O.I. SUBMITTAL AND MS4 NOTIFICATION.

HIDALGO COUNTY  
DRAINAGE DISTRICT No. 1

902 DOOLITTLE RD  
EDINBURG TX 78842  
TEL: (956) 288-1111  
www.co.hidalgo.tx.us



**JACKSON DRAIN DITCH IMPROVEMENTS**

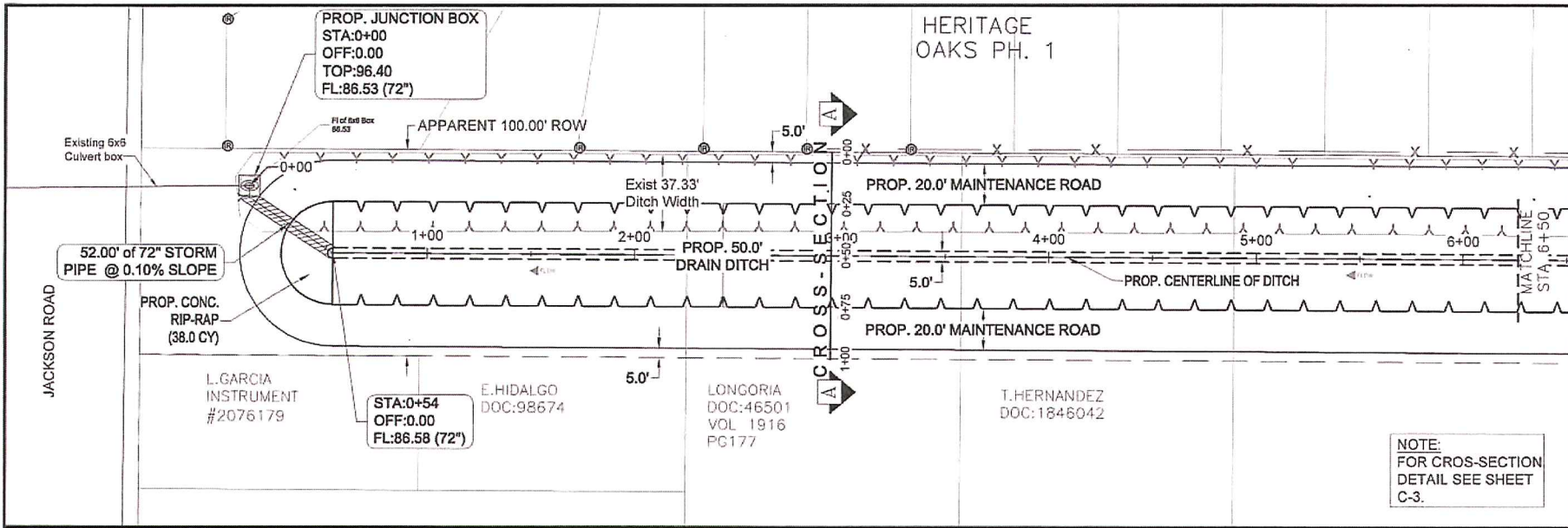
**GENERAL NOTES**



This seal certifies that this document was prepared by Joseph N. Sauer, P.E., No. 64676, in the State of Texas.

PLAN VIEW SCALE: NTS  
DRAWING BY: CP  
CHECKED BY: N.S.E.Y.  
TYPED/SWEEP BY: EVSS  
PROJECT:

G2



HIDALGO COUNTY  
DRAINAGE DISTRICT No. 1

602 BOODLELE RD.  
EDINBURG TX 78842  
TEL: (512) 249-2494  
www.co.hidalgo.tx.us



**JACKSON DRAIN DITCH IMPROVEMENTS**

PROP. JACKSON DRAIN ALIGNMENT  
STA 0+00- STA 6+50

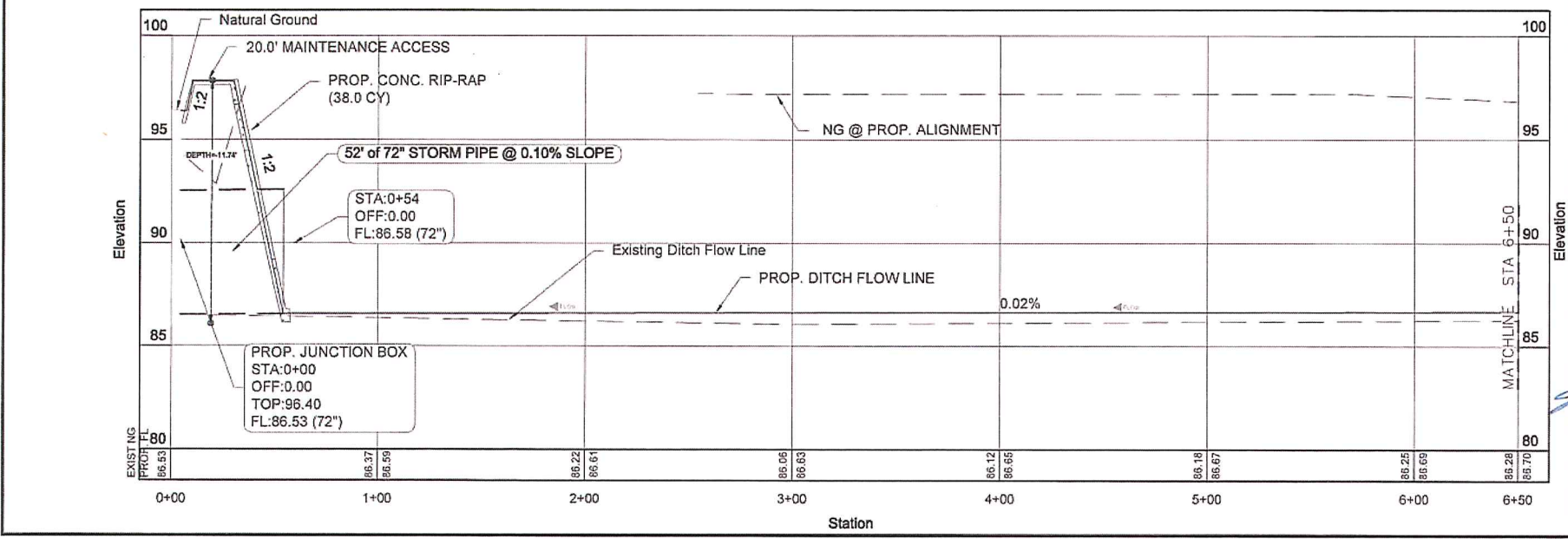
STATE OF TEXAS  
COUNTY OF HIDALGO  
JOSÉ A. SALAZAR  
REGISTERED PROFESSIONAL ENGINEER  
No. 10456  
EXPIRES 08/31/2024

PLANNING ENGINEER

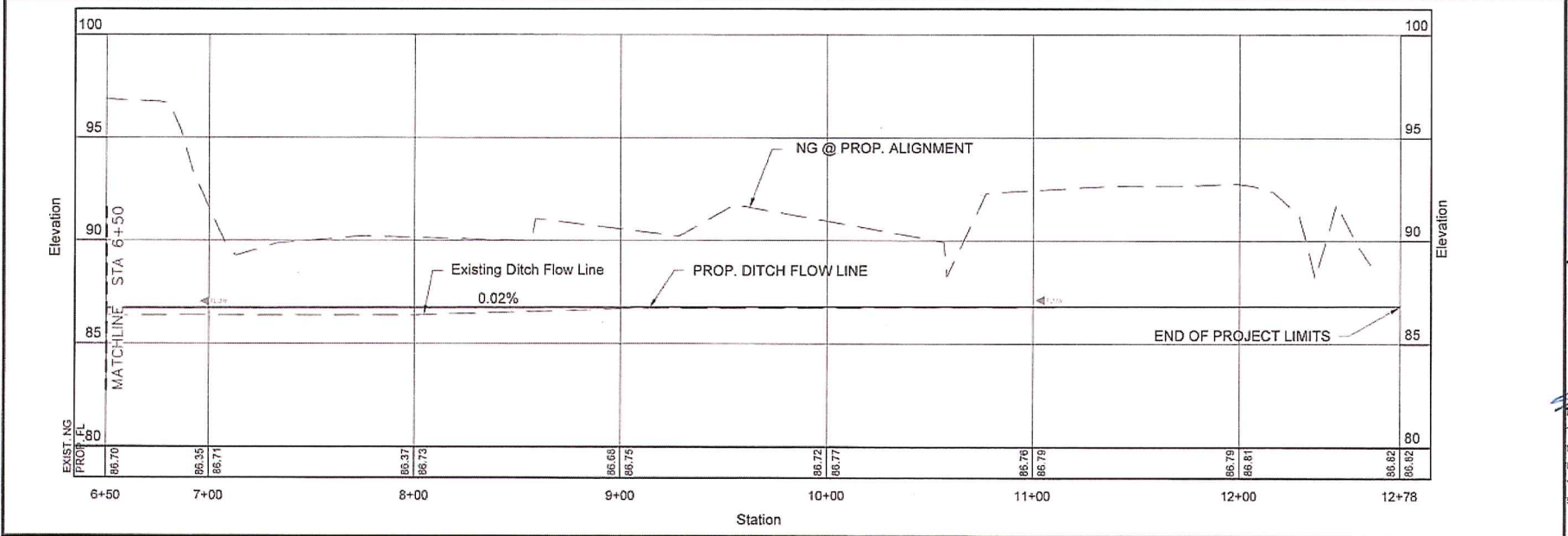
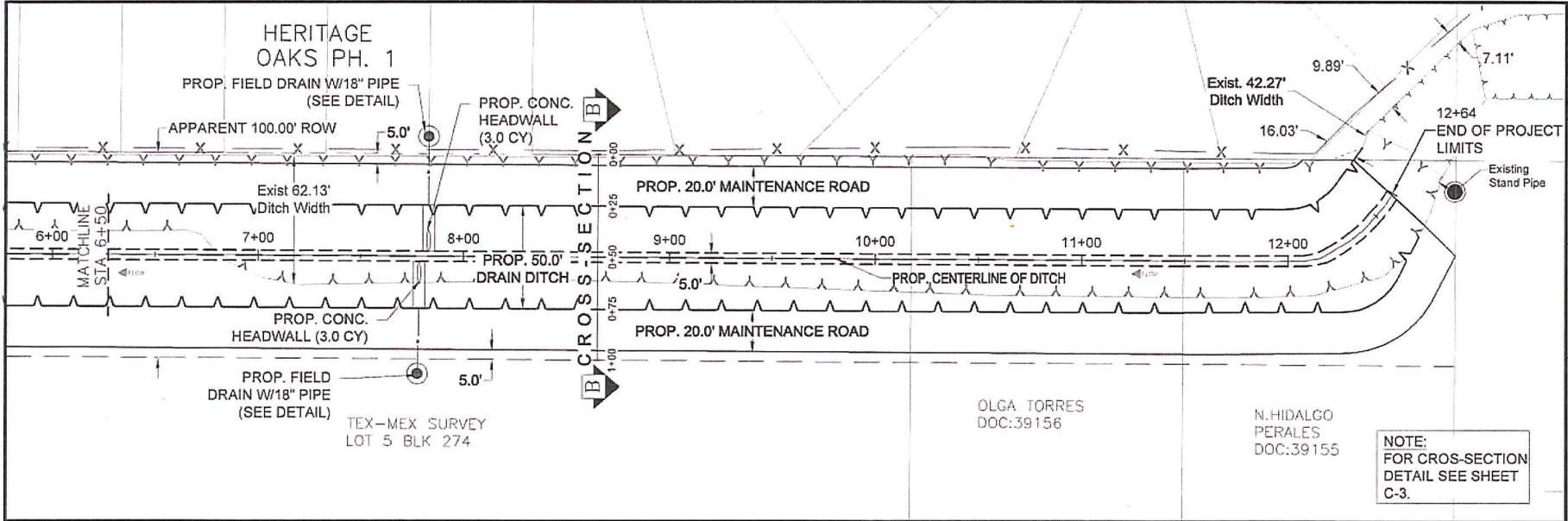
PLANNING ENGINEER

DRAWN BY: CP  
CHECKED BY: N.S./E.Y.  
FIELD SURVEY BY: E/ISS

**C1**



Source: AutoCAD, Edited by: AutoCAD, Plotted by: AutoCAD, Printed on: 11/15/2018, Time: 1:23:00 PM  
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HIDALGO COUNTY  
DRAINAGE DISTRICT No. 1  
802 DOOLITTLE RD  
EDINBURG TX 78842  
TEL (512) 261-2111  
www.co.hidalgo.tx.us



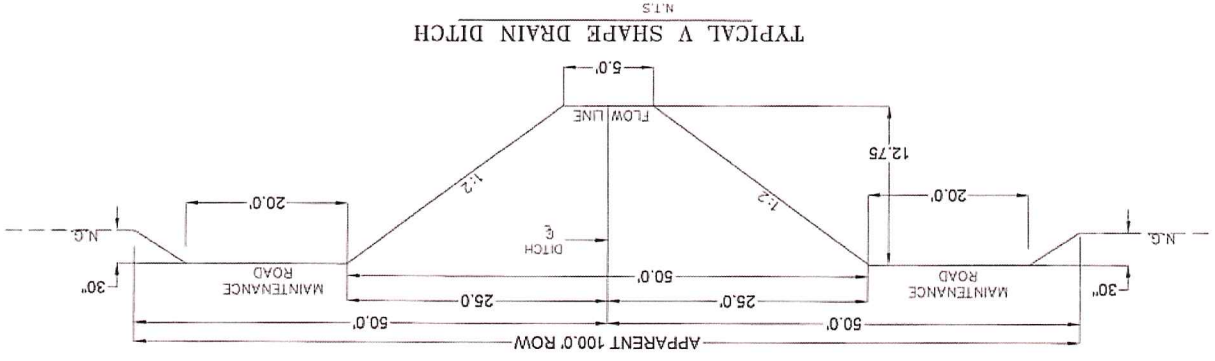
**JACKSON DRAIN DITCH IMPROVEMENTS**  
PROP. JACKSON DRAIN ALIGNMENT  
STA 6+50-STA 12+78

STATE OF TEXAS  
JAMES W. SALAZAR  
COMMISSIONER  
DEPARTMENT OF TRANSPORTATION  
Texas State Highway Department  
1000 North St. Louis Street  
Austin, Texas 78701  
12/18/16

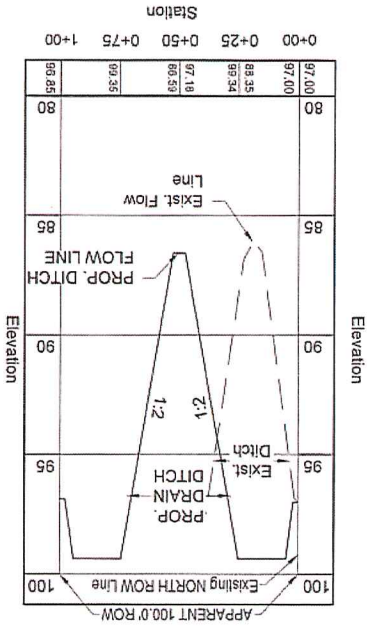
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DRAWN BY: CP  
CHECKED BY: N.S./E.Y.  
TOP SURVEY BY: EISS  
SHEET

C2

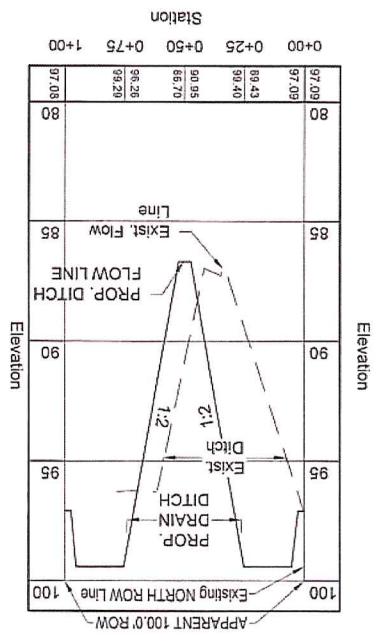
Project: Jackson Drain Ditch Improvements (Drawing) - Drawn by: cp/ncp  
 Drawn by: N.S./E.Y. Date: 12/08/2016 File: 002131.dwg



CROSS-SECTION A-A  
 @ APPROX. STA 3+00  
 SCALE: 1"=50'



CROSS-SECTION B-B  
 @ APPROX. STA 9+00  
 SCALE: 1"=50'



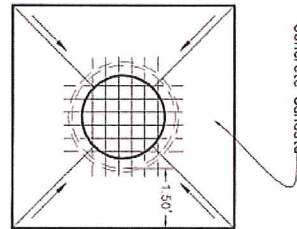
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SHEET NO. 15 OF 39  
 PROJECT NO. 15072701  
 DATE: 10/27/2014

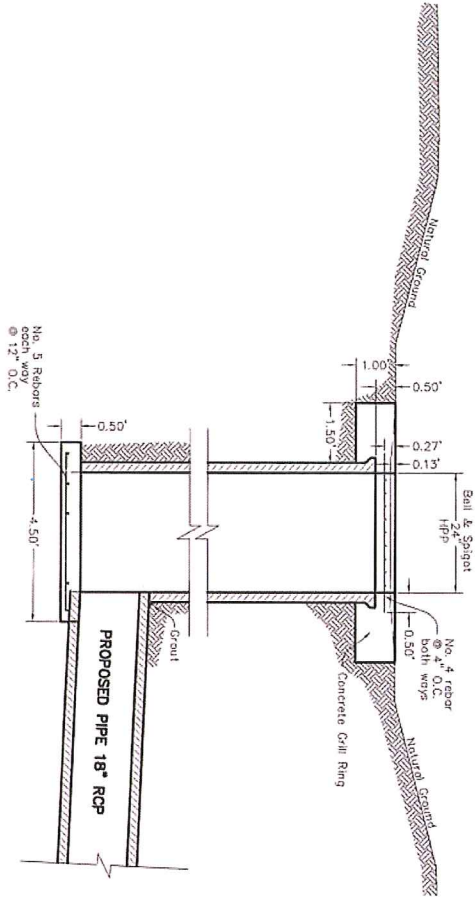
**JACKSON DRAIN DITCH IMPROVEMENTS**  
 DITCH CROSS-SECTIONS & TYPICAL DRAIN DITCH  
 CROSS SECTION DETAIL



HIDALGO COUNTY  
 DRAINAGE DISTRICT No. 1  
 902 DOUGLITTLE RD.  
 EDINBURG, TX 78842  
 TEL: (956) 247-4747  
 www.co.hidalgo.tx.us



**Concrete Grate Canasta Detail**



**Concrete Pipe Drop Inlet**

JACKSON DRAIN DITCH IMPROVEMENTS  
 FIELD DRAIN TYPICAL DETAIL

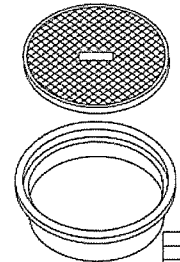
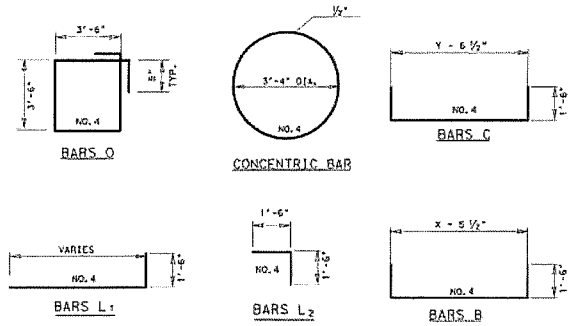
HIDALGO COUNTY  
 DRAINAGE DISTRICT No. 1

902 DOOLITTLE RD  
 EDINBURG TX 78542  
 TEL: (956) 233-3333  
 www.co.hidalgo.tx.us

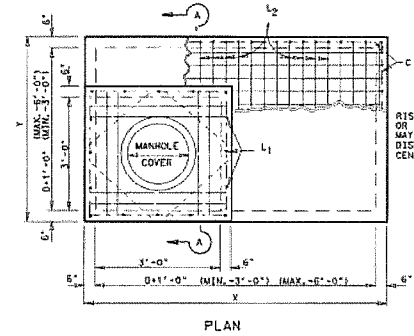
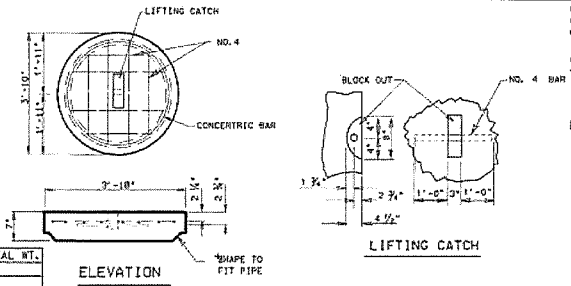
12/24/18  
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C4

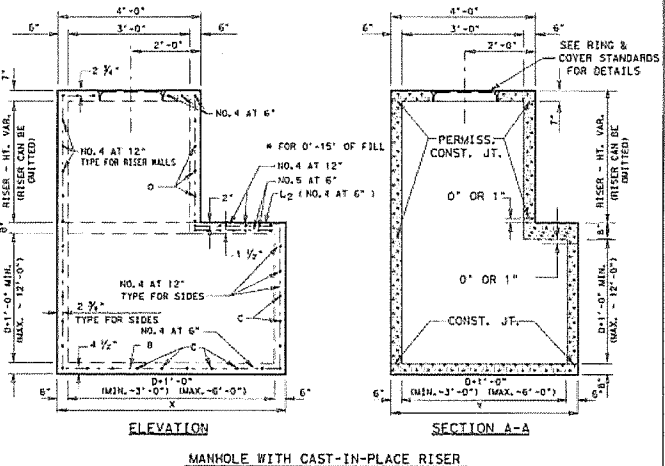




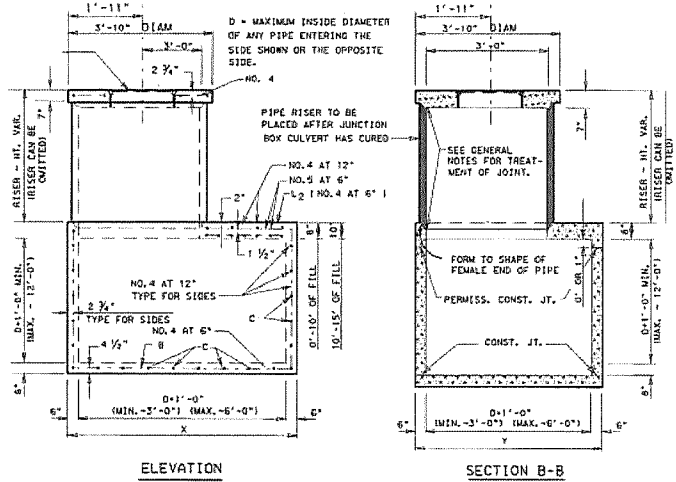
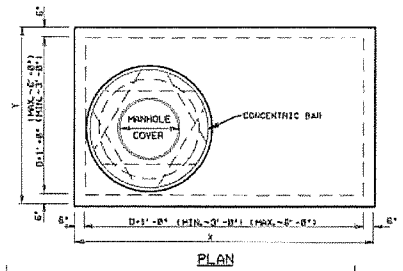
RING		COVER		TOTAL WT.	
"A"	"B"	"C"	"D"	"H"	WT.
25 3/4"	1"	125 lbs. (min)	24	32	185 lbs. 310 lbs.



NOTE:  
RISER, EITHER CAST-IN-PLACE OR CONCRETE PIPE, MAY BE LOCATED IN ANY CORNER, DISTANCE TO ROAD C IS FROM CENTER OF STRUCTURE.



MANHOLE WITH CAST-IN-PLACE RISER



OPTIONAL MANHOLE WITH PIPE RISER

GENERAL NOTES

UNLESS OTHERWISE SHOWN IN THE PLANS, PAYMENT WILL BE MADE FOR EACH MANHOLE OF THE TYPE M. EXPOSED EDGES SHALL BE CHAMFERED 3/4". ALTERNATE DESIGN DRAWINGS BEARING THE SEAL OF A REGISTERED PROFESSIONAL ENGINEER WILL BE ACCEPTABLE FOR PRECAST CONSTRUCTION OF MANHOLES. SHOP DRAWINGS WILL NOT BE REQUIRED.

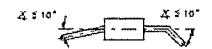
ALL MANHOLES LOCATED ON PAVED SURFACES WILL BE CONSTRUCTED WITH A COVER OF THE TYPE THAT WILL ENABLE IT TO BE BOLTED TO THE RING.

THE CONTRACTOR MAY WITH THE APPROVAL OF THE ENGINEER FURNISH MANHOLES OF EQUIVALENT STRUCTURAL DESIGN.

IN AREAS OF CONFLICT BETWEEN REINFORCING STEEL, BLOCK-OUTS, PIPES, ANCHOR BOLTS OR OTHER REINFORCING STEEL, THE REINFORCEMENT SHALL BE BENT OR ADJUSTED TO CLEAR AS DIRECTED BY THE ENGINEER.

THE RISER MAY BE CONSTRUCTED OF REINFORCED CONCRETE AS SHOWN OR OF REINFORCED CONCRETE PIPE, CLASS III, IN ACCORDANCE WITH ASTM DESIGNATION C-76. IF PIPE IS USED, JOINTS SHALL CONFORM TO THE ITEM "REINFORCED CONCRETE PIPE CULVERTS". PRECAST CONCRETE LIFT OFF COVER MAY BE SUBSTITUTED FOR "RING AND COVER".

CONNECTING PIPES SHOULD WITHIN 10 DEG. OF NORMAL TO INLET GRATE IF NECESSARY, PIPE ELBOW OR CURBED APPROACH ALIGNMENT SHOULD BE USED TO START WITHIN THIS LIMIT.



PIPES MAY ENTER ALL WALLS. THE MAXIMUM LENGTH OF PIPE THAT CAN BE ACCOMMODATED IS 60". MORE THAN ONE PIPE MAY ENTER A SIDE SUBJECT TO THE MAXIMUM BOX DIMENSIONS SHOWN. THE CLEAR DISTANCE BETWEEN ADJACENT PIPES SHOULD BE 9" WITHIN WALL.

PHARR DISTRICT STANDARD

TEXAS DEPARTMENT OF TRANSPORTATION

**TYPE "M" MANHOLE (JUNCTION BOX WITH ACCESS)**

REV. 08/13	PROJECT NO.	FILE NO.	DATE
DESIGNED BY	PROJECT NO.	FILE NO.	DATE
DRAWN BY	COUNTY	CONV.	SECT.
CHECKED BY	COUNTY	CONV.	SECT.
DATE	COUNTY	CONV.	SECT.
DATE	COUNTY	CONV.	SECT.

N. T. S.

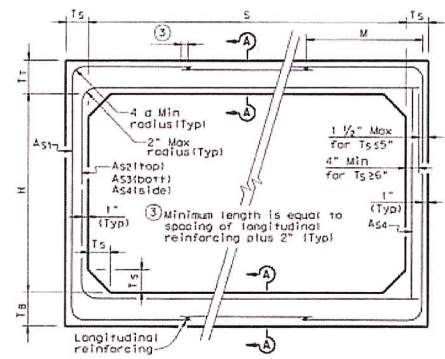
DISCLAIMER: This document is governed by the Texas Engineering Practice Act. No warranty of any kind is made by the State of Texas, its agencies, or its contractors for the use of this document. The user assumes all liability for any damages resulting from its use.

BOX DATA															
SECTION DIMENSIONS					Fill Height (ft)	M (ft)	REINFORCING (in <sup>2</sup> /ft) <sup>②</sup>								LIFT Weight (Tons)
S (ft)	H (ft)	T <sub>1</sub> (in)	T <sub>B</sub> (in)	T <sub>S</sub> (in)			A <sub>S1</sub>	A <sub>S2</sub>	A <sub>S3</sub>	A <sub>S4</sub>	A <sub>S5</sub>	A <sub>S6</sub>	A <sub>S7</sub>	A <sub>S8</sub>	
5	3	8	7	6	<2	-	0.19	0.31	0.21	0.14	0.19	0.19	0.19	0.17	6.6
5	3	6	6	6	2<3	45	0.18	0.24	0.19	0.14	-	-	-	-	5.7
5	3	6	6	6	3-5	36	0.14	0.17	0.16	0.14	-	-	-	-	5.7
5	3	6	6	6	10	36	0.14	0.16	0.17	0.14	-	-	-	-	5.7
5	3	6	6	6	15	35	0.16	0.21	0.22	0.14	-	-	-	-	5.7
5	3	6	6	6	20	35	0.21	0.27	0.28	0.14	-	-	-	-	5.7
5	3	6	6	6	25	35	0.26	0.34	0.34	0.14	-	-	-	-	5.7
5	3	6	6	6	30	35	0.31	0.41	0.41	0.14	-	-	-	-	5.7
5	4	8	7	6	<2	-	0.19	0.33	0.24	0.14	0.19	0.19	0.19	0.17	7.2
5	4	6	6	6	2<3	45	0.16	0.27	0.22	0.14	-	-	-	-	6.3
5	4	6	6	6	3-5	45	0.14	0.19	0.18	0.14	-	-	-	-	6.3
5	4	6	6	6	10	36	0.14	0.18	0.18	0.14	-	-	-	-	6.3
5	4	6	6	6	15	35	0.14	0.23	0.24	0.14	-	-	-	-	6.3
5	4	6	6	6	20	35	0.17	0.30	0.31	0.14	-	-	-	-	6.3
5	4	6	6	6	25	35	0.21	0.37	0.38	0.14	-	-	-	-	6.3
5	4	6	6	6	30	35	0.25	0.44	0.45	0.14	-	-	-	-	6.3
5	5	8	7	6	<2	-	0.19	0.35	0.26	0.14	0.19	0.19	0.19	0.17	7.8
5	5	6	6	6	2<3	45	0.14	0.29	0.24	0.14	-	-	-	-	6.9
5	5	6	6	6	3-5	45	0.14	0.21	0.20	0.14	-	-	-	-	6.9
5	5	6	6	6	10	45	0.14	0.19	0.20	0.14	-	-	-	-	6.9
5	5	6	6	6	15	36	0.14	0.24	0.25	0.14	-	-	-	-	6.9
5	5	6	6	6	20	35	0.15	0.31	0.32	0.14	-	-	-	-	6.9
5	5	6	6	6	25	35	0.18	0.39	0.39	0.14	-	-	-	-	6.9
5	5	6	6	6	30	35	0.21	0.46	0.47	0.14	-	-	-	-	6.9
5	2	8	7	6	<2	-	0.20	0.31	0.20	0.14	0.22	0.19	0.19	0.17	6.0
5	2	6	6	6	30	44	0.39	0.33	0.34	0.14	-	-	-	-	5.1

① For Box Length = 8'-0"

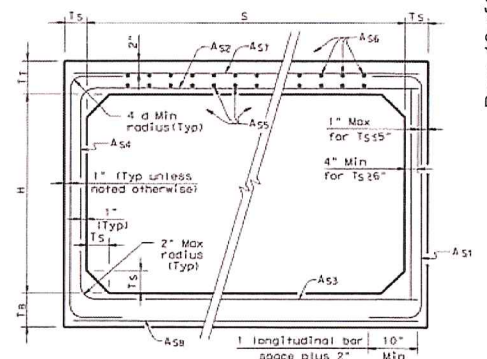
② A<sub>S1</sub> thru A<sub>S4</sub>, A<sub>S7</sub> and A<sub>S8</sub> are minimum required areas of reinforcement per linear foot of box length. A<sub>S6</sub> and A<sub>S5</sub> are minimum required areas of reinforcement per linear foot of box width.

⑤ These designs were created by TxDOT and are not shown in the ASTM Specifications.



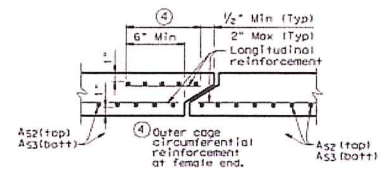
CORNER OPTION "A" CORNER OPTION "B"

**FILL HEIGHT 2 FT AND GREATER**



CORNER OPTION "A" CORNER OPTION "B"

**FILL HEIGHT LESS THAN 2 FT**



**SECTION A-A**  
(TOP AND BOTTOM SLAB JOINT REINFORCEMENT)

**GENERAL NOTES:**  
 Designs shown conform to ASTM C1577. Refer to ASTM C1577 for information or details not shown.  
 All concrete shall be Class "H" Concrete with a minimum compressive strength of 5,000 psi.  
 See SCP-5 standard sheet for miscellaneous details and notes not shown.  
 In lieu of furnishing the designs shown on this sheet, the contractor may furnish an alternate design that is equal to or exceeds the box design for the design fill height in the table. Shop plans for alternate designs shall be submitted in accordance with Item "Precast Concrete Structural Members (Fabrication)".

HL93 LOADING

**Texas Department of Transportation** Bridge Division Standard

**SINGLE BOX CULVERTS**  
**PRECAST**  
**5'-0" SPAN**

**SCP-5**

Plan	SCPD011.001	Rev	001	Ex-100	Rev	001	Rev	001	Rev	001
DATE	February 2010	PROJECT	STATE	AREA	SECTION	NO.	DATE	BY	CHECKED	DATE

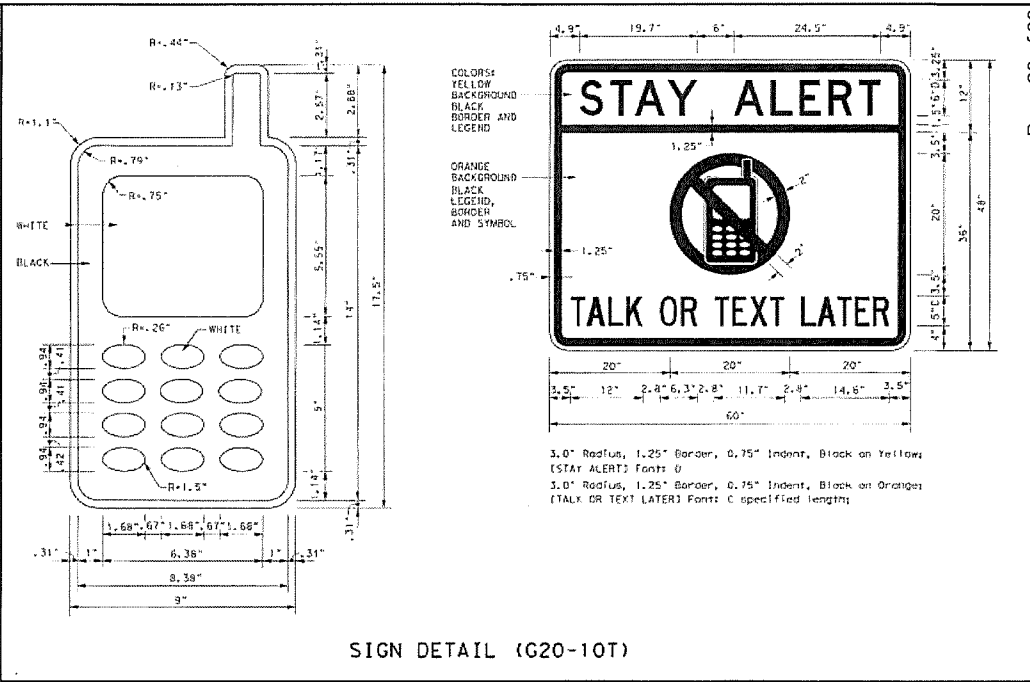
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**BARRICADE AND CONSTRUCTION (BC) STANDARD SHEETS GENERAL NOTES:**

- The Barricade and Construction Standard Sheets (BC sheets) are intended to show typical examples for placement of temporary traffic control devices, construction pavement markings, and typical work zone signs. The information contained in these sheets meet or exceed the requirements shown in the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD).
- The development and design of the Traffic Control Plan (TCP) is the responsibility of the Engineer.
- The Contractor may propose changes to the TCP that are signed and sealed by a licensed professional engineer for approval. The Engineer may develop, sign and seal Contractor proposed changes.
- The Contractor is responsible for installing and maintaining the traffic control devices as shown in the plans. The Contractor may not move or change the approximate location of any device without the approval of the Engineer.
- Geometric design of lane shifts and detours should, when possible, meet the applicable design criteria contained in manuals such as the American Association of State Highway and Transportation Officials (AASHTO), "A Policy on Geometric Design of Highways and Streets," the TxDOT "Roadway Design Manual" or engineering judgment.
- When projects abut, the Engineer(s) may omit the END ROAD WORK, TRAFFIC FINES DOUBLE, and other advance warning signs if the signing would be redundant and the work areas appear continuous to the motorists. If the adjacent project is completed first, the Contractor shall erect the necessary warning signs as shown on these sheets, the TCP sheets or as directed by the Engineer. The BEGIN ROAD WORK NEXT X MILES sign shall be revised to show appropriate work zone distance.
- The Engineer may require duplicate warning signs on the median side of divided highways where median width will permit and traffic volumes justify the signing.
- All signs shall be constructed in accordance with the details found in the "Standard Highway Sign Designs for Texas," latest edition. Sign details not shown in this manual shall be shown in the plans or the Engineer shall provide a detail to the Contractor before the sign is manufactured.
- The temporary traffic control devices shown in the illustrations of the BC sheets are examples. As necessary, the Engineer will determine the most appropriate traffic control devices to be used.
- As shown on BC(2), the OBEY WARNING SIGNS STATE LAW sign, STAY ALERT TALK OR TEXT LATER (see Sign Detail G20-10T) and the WORK ZONE TRAFFIC FINES DOUBLE sign with plaque shall be erected in advance of the CSJ limits. However, the TRAFFIC FINES DOUBLE sign will not be required on projects consisting solely of mobile operation work, such as striping or milling edge/line rumble strips. The BEGIN ROAD WORK NEXT X MILES, CONTRACTOR and END ROAD WORK signs shall be erected at or near the CSJ limits.
- Except for devices required by Note 10, traffic control devices should be in place only while work is actually in progress or a definite need exists.
- The Engineer has the final decision on the location of all traffic control devices.
- Inactive equipment and work vehicles, including workers' private vehicles must be parked away from travel lanes. They should be as close to the right-of-way line as possible, or located behind a barrier or guardrail, or as approved by the Engineer.

**WORKER SAFETY APPAREL NOTES:**

- Workers on foot who are exposed to traffic or to construction equipment within the right-of-way shall wear high-visibility safety apparel meeting the requirements of ISEA "American National Standard for High-Visibility Apparel," or equivalent revisions, and labeled as ANSI 107-2004 standard performance for Class 2 or 3 risk exposure. Class 3 garments should be considered for high traffic volume work areas or night time work.



Only pre-qualified products shall be used. The "Compliant Work Zone Traffic Control Devices List" (CWZTCD) describes pre-qualified products and their sources and may be found on-line at the web address given below or by contacting:

Texas Department of Transportation  
 Traffic Operations Division - TE  
 Phone (512) 416-3118

THE DOCUMENTS BELOW CAN BE FOUND ON-LINE AT <http://www.txdot.gov>

COMPLIANT WORK ZONE TRAFFIC CONTROL DEVICES LIST (CWZTCD)
DEPARTMENTAL MATERIAL SPECIFICATIONS (DMS)
MATERIAL PRODUCER LIST (MPL)
ROADWAY DESIGN MANUAL - SEE "MANUALS (ONLINE MANUALS)"
STANDARD HIGHWAY SIGN DESIGNS FOR TEXAS (SHSD)
TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD)
TRAFFIC ENGINEERING STANDARD SHEETS

SHEET 1 OF 12

Texas Department of Transportation  
 Traffic Operations Division Standards

**BARRICADE AND CONSTRUCTION GENERAL NOTES AND REQUIREMENTS**

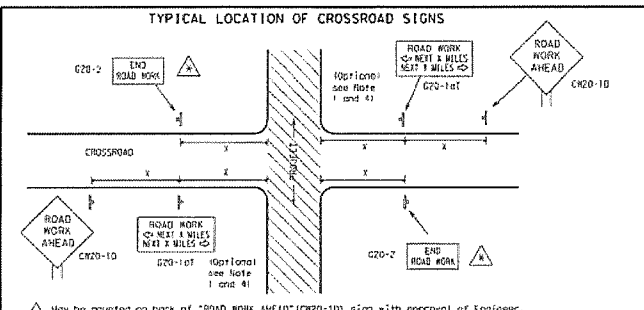
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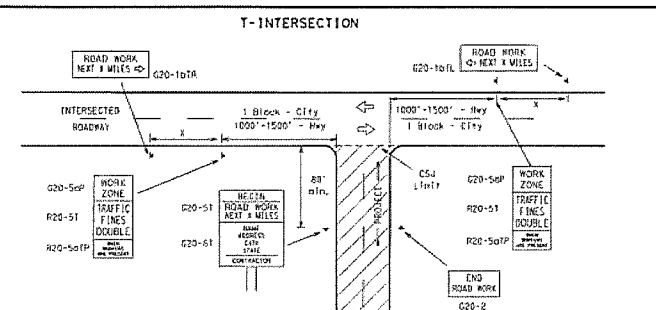
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DATE FILED:

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- ▲ May be mounted on back of "ROAD WORK AHEAD" (CW20-10) sign with approval of Engineer. (See note 2 below).
- The typical minimum signing on a crossroad approach should be a "ROAD WORK AHEAD" (CW20-10) sign and a G20-2 "END ROAD WORK" sign, unless noted otherwise in plans.
  - The Engineer may use the reduced size 36" x 36" ROAD WORK AHEAD (CW20-10) sign mounted back to back with the reduced size 36" x 18" "END ROAD WORK" (G20-2) sign on low volume crossroads (see Note 4 under "Typical Construction Warning Sign Size and Spacing"). See the "Standard Highway Sign Designs for Texas" manual for sign details. The Engineer may omit the advance warning signs on low volume crossroads. The Engineer will determine whether a road is low volume. This information shall be shown in the plans.
  - Based on existing field conditions, the Engineer/Inspector may require additional signs such as FLAGGER AHEAD, LOOSE DRIVEL, or other appropriate signs. When additional signs are required, these signs will be considered part of the minimum requirements. The Engineer/Inspector will determine the proper location and spacing of any sign not shown on the BC sheets, Traffic Control Plan sheets or the work Zone Standard Sheets.
  - The "ROAD WORK NEXT 1/2 MILE" (G20-10T) sign shall be required at high volume crossroads to advise motorists of the length of construction in either direction from the intersection. The Engineer will determine whether a roadway is considered high volume.
  - Additional traffic control devices may be shown elsewhere in the plans for higher volume crossroads.
  - When work occurs in the intersection area, appropriate traffic control devices, as shown elsewhere in the plans or as determined by the Engineer/Inspector, shall be in place.



- ### CSJ LIMITS AT T-INTERSECTION
- The Engineer will determine the types and location of any additional traffic control devices, such as a flagger and accompanying signs, or other signs, that should be used when work is being performed at or near an intersection.
  - If construction crosses the road at a T-intersection the Contractor shall place the "CONTRACTOR NAME" (G20-61) sign behind the Type 3 Barricades for the road closure (see BC(10) sheet). The "ROAD WORK NEXT 1/2 MILE" (G20-10T) and "ROAD WORK NEXT 1 MILE" (G20-10L) signs shall be replaced by the detour signing called for in the plans.

### TYPICAL CONSTRUCTION WARNING SIGN SIZE AND SPACING

Sign Number or Series	SIZE		SPACING	
	Converging Road	Expressway/Freeway	Posted Speed MPH	Sign Spacing "x"
CW20 <sup>1</sup>	48" x 48"	48" x 48"	30	120
CW21			35	160
CW22			40	240
CW25			45	320
CW1, CW2, CW7, CW8, CW9, CW11, CW14	36" x 36"	48" x 48"	50	400
			55	500 <sup>2</sup>
			60	600 <sup>2</sup>
CW3, CW4, CW5, CW6, CW8-3, CW10, CW12	48" x 48"	48" x 48"	65	700 <sup>2</sup>
			70	800 <sup>2</sup>
			75	900 <sup>2</sup>
			80	1000 <sup>2</sup>

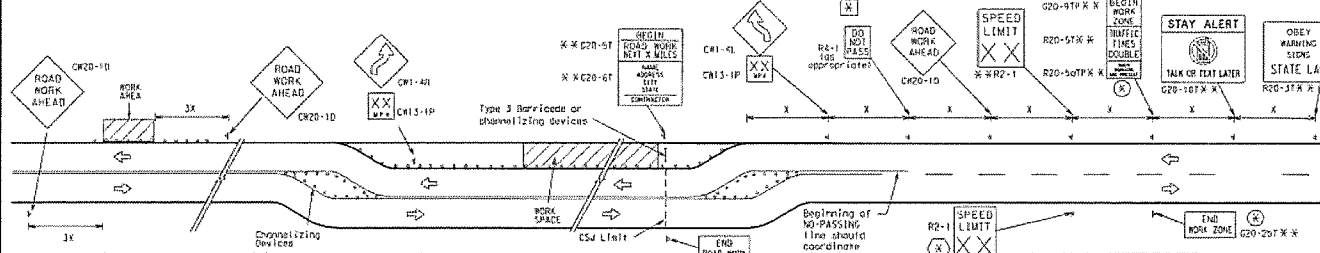
For typical sign spacings on divided highways, expressways and freeways, see Part 6 of the "Texas Manual on Uniform Traffic Control Devices" (TMUD) typical application diagrams or TCR Standard Sheets.

A minimum distance from work area to first advance warning sign nearest the work area and/or distance between each additional sign.

### GENERAL NOTES

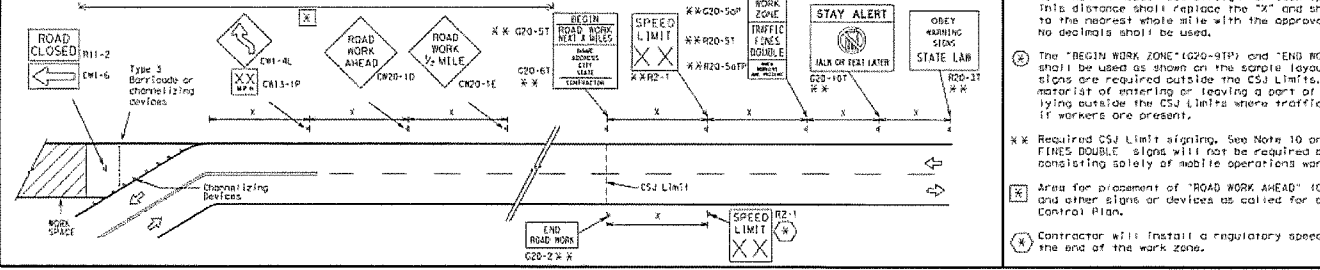
- Special or larger size signs may be used as necessary.
- Distance between signs should be increased as required to have 1500 feet advance warning.
- Distance between signs should be increased as required to have 1/2 mile or more advance warning.
- 36" x 36" "ROAD WORK AHEAD" (CW20-10) signs may be used on low volume crossroads at the discretion of the Engineer. See Note 2 under "Typical Location of Crossroad Signs".
- Only diamond shaped warning sign sizes are indicated.
- See sign size listing in "TMUD", Sign Appendix or the "Standard Highway Sign Designs for Texas" manual for complete list of available sign design sizes.

### WORK AREAS IN MULTIPLE LOCATIONS WITHIN CSJ LIMITS



When extended detours occur between multiple work spaces, the Engineer/Inspector should ensure additional "ROAD WORK AHEAD" (CW20-10) signs are placed in advance of these work areas to remind drivers they are still within the project limits. See the applicable TCR sheets for exact location and spacing of signs and channelizing devices.

### SAMPLE LAYOUT OF SIGNING FOR WORK BEGINNING DOWNSTREAM OF THE CSJ LIMITS

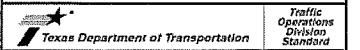


### NOTES

- The Contractor shall determine the appropriate distance to be placed on the G20-1 series signs and "BEGIN ROAD WORK NEXT 1/2 MILE" (G20-10T) sign for each specific project. This distance shall replace the "x" and shall be rounded to the nearest whole mile with the approval of the Engineer. No decimals shall be used.
- ② The "BEGIN WORK ZONE" (G20-91P) and "END WORK ZONE" (G20-201) shall be used as shown on the sample layout when advance signs are required outside the CSJ limits. They inform the motorist of entering or leaving a part of the work zone lying outside the CSJ limits where traffic fines may double if workers are present.
- \*\* Required CSJ Limit signing. See Note 10 on BC(1).
- TRAFFIC FINES DOUBLE signs will not be required on projects consisting solely of mobile operations work.
- ③ Area for placement of "ROAD WORK AHEAD" (CW20-10) sign and other signs or devices as called for on the Traffic Control Plan.
- ④ Contractor will install a regulatory speed limit sign at the end of the work zone.

### LEGEND

—	Type 3 Barricade
○ ○ ○	Channelizing Devices
▲	Sign
X	See Typical Construction Warning Sign Size and Spacing chart or the TMUD for sign spacing requirements.



## BARRICADE AND CONSTRUCTION PROJECT LIMIT

BC(2) - 14

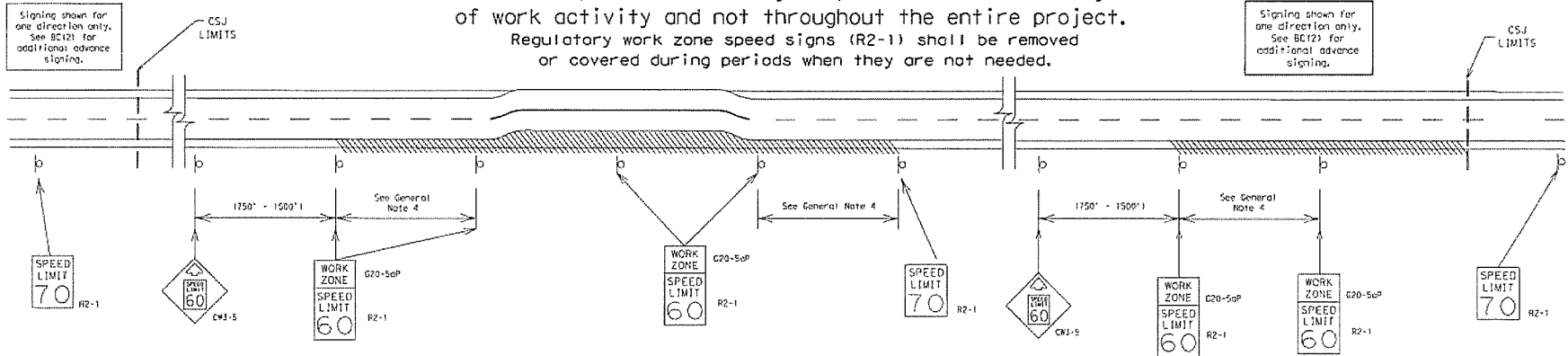
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08-14-99	November 2002	08-14-99	November 2002
9-07	2-14	7-13	

DATE: FILE:

## TYPICAL APPLICATION OF WORK ZONE SPEED LIMIT SIGNS

Work zone speed limits shall be regulatory, established in accordance with the "Procedures for Establishing Speed Zones," and approved by the Texas Transportation Commission, or by City Ordinance when within Incorporated City Limits.

Reduced speeds should only be posted in the vicinity of work activity and not throughout the entire project.  
Regulatory work zone speed signs (R2-1) shall be removed or covered during periods when they are not needed.



### GUIDANCE FOR USE:

#### LONG/INTERMEDIATE TERM WORK ZONE SPEED LIMITS

This type of work zone speed limit should be included on the design of the traffic control plans when restricted geometrics with a lower design speed are present in the work zone and modification of the geometrics to a higher design speed is not feasible.

Long/Intermediate Term Work Zone Speed Limit signs, when approved as described above, should be posted and visible to the motorist when work activity is present. Work activity may also be defined as a change in the roadway that requires

- a reduced speed for motorists to safely negotiate the work area, including:
  - a) rough road or damaged pavement surface
  - b) substantial alteration of roadway geometrics (diversions)
  - c) construction detours
  - d) grade
  - e) width

f) other conditions readily apparent to the driver

As long as any of these conditions exist, the work zone speed limit signs should remain in place.

#### SHORT TERM WORK ZONE SPEED LIMITS

This type of work zone speed limit may be included on the design of the traffic control plans when workers or equipment are not behind concrete barrier, when work activity is within 10 feet of the traveled way or actually in the traveled way.

Short Term Work Zone Speed Limit signs should be posted and visible to the motorists only when work activity is present. When work activity is not present, signs shall be removed or covered. (See Removing or Covering on BC(4)).

#### GENERAL NOTES

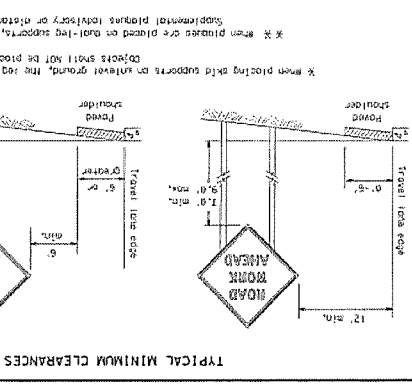
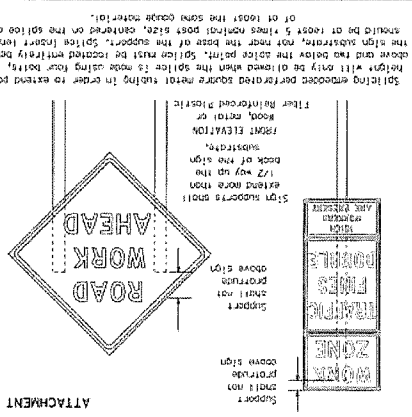
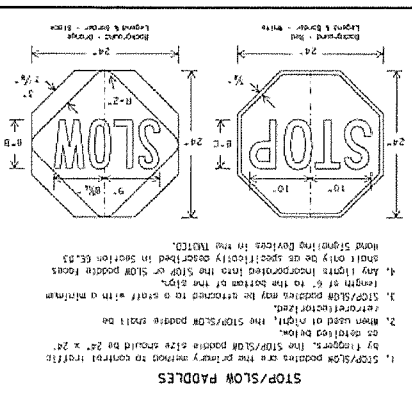
1. Regulatory work zone speed limits should be used only for sections of construction projects where speed control is of major importance.
2. Regulatory work zone speed limit signs shall be placed on supports at a 7 foot minimum mounting height.
3. Speed zone signs are illustrated for one direction of travel and are normally posted for each direction of travel.
4. Frequency of work zone speed limit signs should be:
  - 40 mph and greater 0.2 to 2 miles
  - 35 mph and less 0.2 to 1 mile
5. Regulatory speed limit signs shall have black legend and border on a white reflective background (See "Reflective Sheeting" on BC(4)).
6. Fabrication, erection and maintenance of the "ADVANCE SPEED LIMIT" (CW3-5) sign, "WORK ZONE" (G20-5aP) plaque and the "SPEED LIMIT" (R2-1) signs shall not be paid for directly, but shall be considered subsidiary to Item 502.
7. Turning signs from view, laying signs over or down will not be allowed, unless as otherwise noted under "REMOVING OR COVERING" on BC(4).
8. Techniques that may help reduce traffic speeds include but are not limited to:
  - A. Law enforcement.
  - B. Flagger stationed next to sign.
  - C. Portable changeable message sign (PCMS).
  - D. Low power (or one) radar transmitter.
  - E. Speed monitor trailers or signs.
9. Speeds shown on details above are for illustration only. Work Zone Speed Limits should only be posted as approved for each project.
10. For more specific guidance concerning the type of work, work zone conditions and factors impacting allowable regulatory construction speed zone reduction see TxDOT form #1204 in the TxDOT e-form system.

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RULES  
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SHEET 3 OF 12

<span style="font-size: small; vertical-align: middle;">Traffic Operations Division Standard</span>	
BARRICADE AND CONSTRUCTION WORK ZONE SPEED LIMIT	
BC (3) - 14	
FILED: bc 14.dgn TxDOT November 2007 9-07 8-14 T-13	REV: TxDOT DATE: 11/07 JOB: 07-00000000 DIST: COUNTY: SHEET NO.



**STOP/SLOW PADDOLES**

- STOP/SLOW paddles are the primary method to control traffic at temporary work zones.
- STOP/SLOW paddles should be used in a minimum length of 6' to the before of the sign.
- When used at night, the STOP/SLOW paddle shall be illuminated by a minimum length of 6' to the before of the sign.
- Any lights incorporated into the STOP or SLOW paddle shall be located on the back of the sign.
- When used at night, the STOP/SLOW paddle shall be illuminated by a minimum length of 6' to the before of the sign.

By Engineer, the STOP/SLOW paddle size should be 24" x 24".

1. STOP/SLOW paddles may be returned to a contractor at the discretion of the contractor.

**WITHIN THE PROJECT LIMITS**

**CONTRACTOR REQUIREMENTS FOR MAINTAINING PERMANENT SIGNS**

- Permanent signs are used to give notice of traffic laws or regulations, call attention to existing conditions, direct traffic, or provide information, directions, or advisory information.
- When a contractor is working on a roadway, the contractor shall be responsible for maintaining permanent signs within the project limits.
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- When a contractor is working on a roadway, the contractor shall be responsible for maintaining permanent signs within the project limits.

**GENERAL NOTES FOR LONG TERM AND INTERMEDIATE TERM SIGNS**

- Contractor shall install and maintain signs in a permanent and stable condition as directed by the Engineer.
- Roadway signs shall be painted white.
- All signs shall be installed in accordance with the signs or as directed by the Engineer. Signs shall be used to regulate, warn, and guide the traveling public safely through the work zone.
- The contractor may furnish either the contractor's own signs that are shown in the Manual for Uniform Traffic Control Devices for Texas (MUTCD) or signs that are shown in the Manual for Uniform Traffic Control Devices for Texas (MUTCD).
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DATE: _____	BY: _____
PROJECT: _____	LOCATION: _____
<b>BC (4) - 14</b>	
<b>TEMPORARY SIGN NOTES</b>	
<b>BARRICADE AND CONSTRUCTION</b>	
Texas Department of Transportation	
SHEET 4 OF 12	

**FLUO SIGN NOTES**

- Fluo signs shall be used to regulate, warn, and guide the traveling public safely through the work zone.
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**REMOVING OR CORRECTING**

- When signs are removed or corrected, the contractor shall be responsible for maintaining permanent signs within the project limits.
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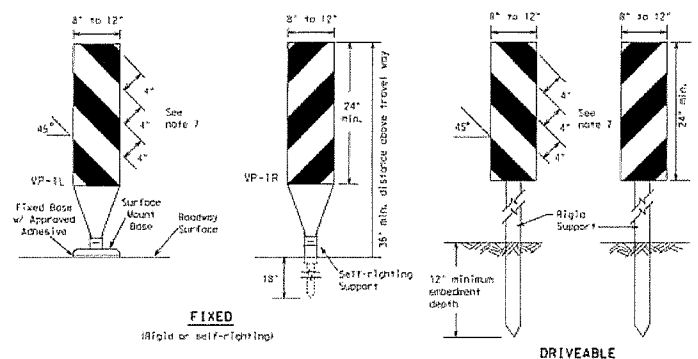






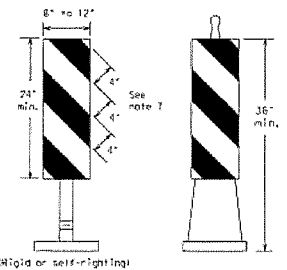


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(Rigid or self-lighting)

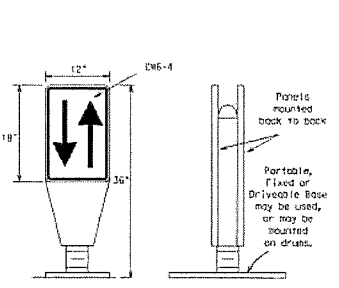
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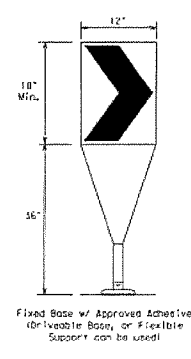
**VERTICAL PANELS (VPs)**

- Vertical Panels (VPs) are normally used to channelize traffic or divide opposing lanes of traffic.
- VPs may be used in daytime or nighttime situations. They may be used at the edge of shoulder drop-offs and other areas such as lane transitions where positive daytime and nighttime delineation is required. The Engineer/Inspector shall refer to the Roadway Design Manual Appendix B "Treatment of Pavement Drop-offs in Work Zones" for additional guidelines on the use of VPs for drop-offs.
- VPs should be mounted back to back if used at the edge of cuts adjacent to two-way two lane roadways. Stripes are to be reflective orange and reflective white and should always face downward toward the travel lanes.
- VPs used on expressways and freeways or other high speed roadways, may have more than 270 square inches of retroreflective area facing traffic.
- Self-lighting supports are available with portable bases. See "Compliant Work Zone Traffic Control Devices List" (CWTCD).
- Sheeting for the VP's shall be retroreflective Type A conforming to Departmental Material Specification DMS-8300, unless noted otherwise.
- Where the height of reflective material on the vertical panel is 36 inches or greater, a panel stripe of 6 inches shall be used.



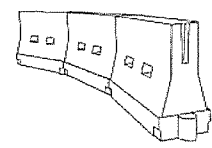
**OPPOSING TRAFFIC LANE DIVIDERS (OTLD)**

- Opposing Traffic Lane Dividers (OTLD) are delineation devices designed to convert a normal one-way roadway section to two-way operation. OTLD's are used on temporary centerlines. The upward and downward arrows on the sign's face indicate the direction of traffic on either side of the divider. The base is secured to the pavement with an adhesive or rubber weight to minimize movement caused by a vehicle impact or wind gust.
- The OTLD may be used in combination with 42" cones or VPs.
- Spacing between the OTLD shall not exceed 500 feet. 42" cones or VPs placed between the OTLD's should not exceed 100 foot spacing.
- The OTLD shall be orange with a black non-reflective legend. Sheeting for the OTLD shall be retroreflective Type B<sub>4</sub> or Type C<sub>4</sub> conforming to Departmental Material Specification DMS-8300, unless noted otherwise. The legend shall meet the requirements of DMS-8300.



- The chevron shall be a vertical rectangle with a minimum size of 12 by 18 inches.
- Chevrons are intended to give notice of a sharp change of alignment with the direction of travel and provide additional emphasis and guidance for vehicle operators with regard to changes in horizontal alignment of the roadway.
- Chevrons, when used, shall be erected on the outside of a sharp curve or turn, or on the far side of an intersection. They shall be in line with and at right angles to approaching traffic. Spacing should be such that the motorist always has three in view, until the change in alignment eliminates its need.
- To be effective, the chevron should be visible for at least 500 feet.
- Chevrons shall be orange with a black nonreflective legend. Sheeting for the chevron shall be retroreflective Type B<sub>4</sub> or Type C<sub>4</sub> conforming to Departmental Material Specification DMS-8300, unless noted otherwise. The legend shall meet the requirements of DMS-8300.
- For Long Term Stationary use on ramps or transitions on freeways and divided highways self-lighting chevrons may be used to supplement plastic drums but not to replace plastic drums.

**CHEVRONS**



**LONGITUDINAL CHANNELIZING DEVICES (LCD)**

- LCDs are crashworthy, lightweight, deformable devices that are highly visible, have good target value and can be connected together. They are not designed to contain or redirect a vehicle on impact.
- LCDs may be used instead of a line of cones or drums.
- LCDs shall be placed in accordance to application and installation requirements specific to the device, and used only when shown on the CWTCD list.
- LCDs should not be used to provide positive protection for obstacles, pedestrians or workers.
- LCDs shall be supplemented with retroreflective delineation as required for temporary barriers on BC(1) when placed roughly parallel to the travel lanes.
- LCDs used as barricades placed perpendicular to traffic should have at least one row of reflective sheeting meeting the requirements for barricade rails on BC(1) placed near the top of the LCD along the full length of the device.

**WATER BALLASTED SYSTEMS USED AS BARRIERS**

- Water ballasted systems used as barriers shall not be used solely to channelize road users, but also to protect the work space per the appropriate MCHRP 350 crashworthiness requirements based on roadway speed and barrier application.
- Water ballasted systems used to channelize vehicular traffic shall be supplemented with retroreflective delineation or channelizing devices to improve daytime/nighttime visibility. They may also be supplemented with pavement markings.
- Water ballasted systems used as barriers shall be placed in accordance to application and installation requirements specific to the device, and used only when shown on the CWTCD list.
- Water ballasted systems used as barriers should not be used for a marking taper except in low speed areas (less than 45 MPH) urban areas. When used on a taper in a low speed urban area, the taper shall be delineated and the taper length should be designed to optimize road user operations considering the available geometric conditions.
- When water ballasted systems used as barriers have blunt ends exposed to traffic, they should be attenuated as per manufacturer recommendations or flared to a point outside the clear zone.

If used to channelize pedestrians, longitudinal channelizing devices or water ballasted systems must have a continuous detectable bottom for users of long cones and the top of the unit shall not be less than 12 inches in height.

**HOLLOW OR WATER BALLASTED SYSTEMS USED AS LONGITUDINAL CHANNELIZING DEVICES OR BARRIERS**

Posted Speed X	Formula	Minimum Desirable Taper Lengths %			Suggested Maximum Spacing of Channelizing Devices	
		10' Offset	11' Offset	12' Offset	On Taper	On Target
30	L = WS / 60	150'	165'	180'	30'	50'
35		205'	225'	245'	35'	70'
40	L = WS / 60	265'	295'	320'	40'	80'
45		450'	495'	540'	45'	90'
50	L = WS / 60	500'	550'	600'	50'	100'
55		550'	605'	660'	55'	110'
60	L = WS / 60	600'	660'	720'	60'	120'
65		650'	715'	780'	65'	130'
70	L = WS / 60	700'	770'	840'	70'	140'
75		750'	825'	900'	75'	150'
80	L = WS / 60	800'	880'	960'	80'	160'
85		850'	935'	1020'	85'	170'

\* WS = Taper Lengths have been rounded off.  
L = Length of Taper (FT); W = Width of Offset (FT); X = Posted Speed (MPH)

**SUGGESTED MAXIMUM SPACING OF CHANNELIZING DEVICES AND MINIMUM DESIRABLE TAPER LENGTHS**

SHEET 9 OF 12



**BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES**

BC (9) - 14

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03	09/07/02	...	...	...	...
04	07/13/02	...	...	...	...

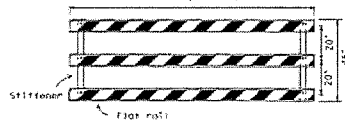
**TYPE 3 BARRICADES**

1. Refer to the Compliant Work Zone Traffic Control Devices List (CWZTD) for details of the Type 3 Barricades and a list of all materials used in the construction of Type 3 Barricades.
2. Type 3 Barricades shall be used on each end of construction projects closed to all traffic.
3. Barricades extending across a roadway should have stripes that slope downward in the direction toward which traffic must turn in detouring. When both right and left turns are provided, the chevron striping may slope downward in both directions from the center of the barricade. Where no turns are provided at a closed road striping should slope downward in both directions toward the center of roadway.
4. Striping of rails, for the right side of the roadway, should slope downward to the left. For the left side of the roadway, striping should slope downward to the right.
5. Identification markings may be shown only on the back of the barricade rails. The maximum height of letters and/or company logos used for identification shall be 1".
6. Barricades shall not be placed parallel to traffic unless an adequate clear zone is provided.
7. Warning lights shall NOT be installed on barricades.
8. Where barricades require the use of weights to keep from turning over, the use of sandbags with dry, cohesionless sand is recommended. The sandbags will be tied shut to keep the sand from spilling and to maintain a constant weight. Sand bags shall not be stacked in a manner that covers any portion of a barricade rail's reflective sheeting. Rock, concrete, iron, steel or other solid objects will NOT be permitted. Sandbags should weigh a minimum of 35 lbs and a maximum of 50 lbs. Sandbags shall be made of a durable material that resists vehicular impact. Rubber leeches or tire inner tubes shall not be used for sandbags. Sandbags shall only be placed along or upon the base supports of the device and shall not be suspended above ground level or hung with ropes, wires, cables or other fasteners.
9. Sheeting for barricades shall be retroreflective Type A conforming to Departmental Material Specification DMS-8300 unless otherwise noted.

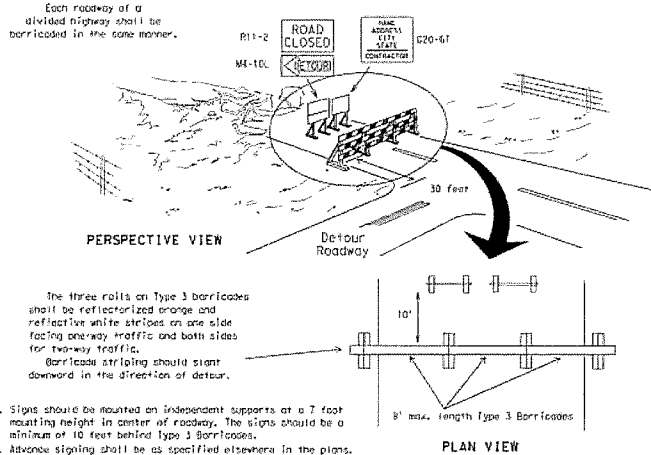
Barricades shall NOT be used as a sign support.



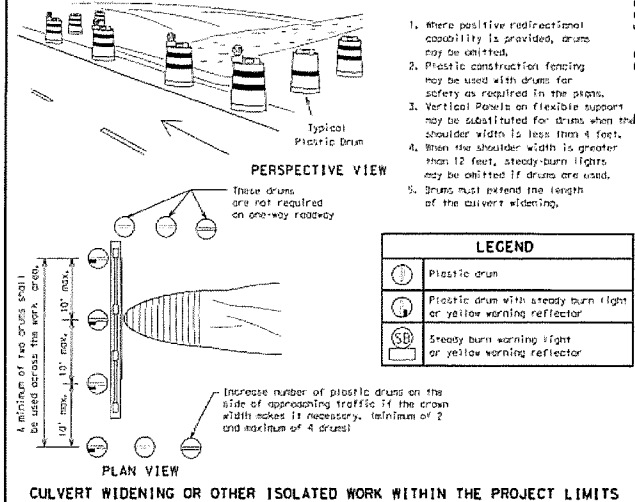
**TYPICAL STRIPING DETAIL FOR BARRICADE RAIL**



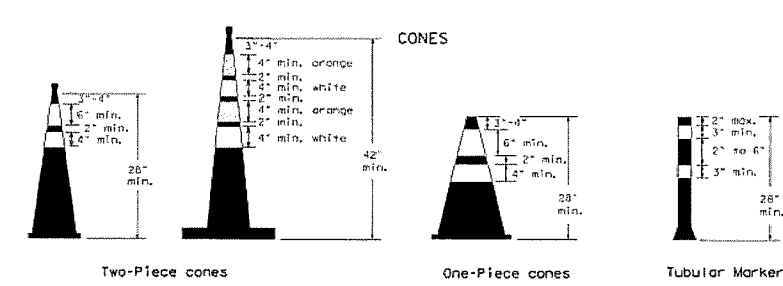
**TYPICAL PANEL DETAIL FOR SKID OR POST TYPE BARRICADES**



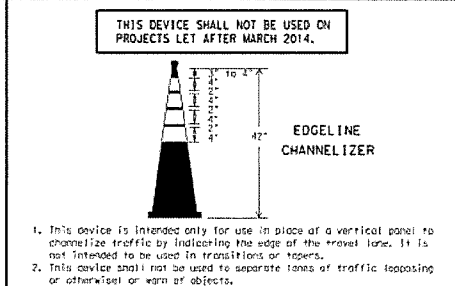
**TYPE 3 BARRICADE (POST AND SKID) TYPICAL APPLICATION**



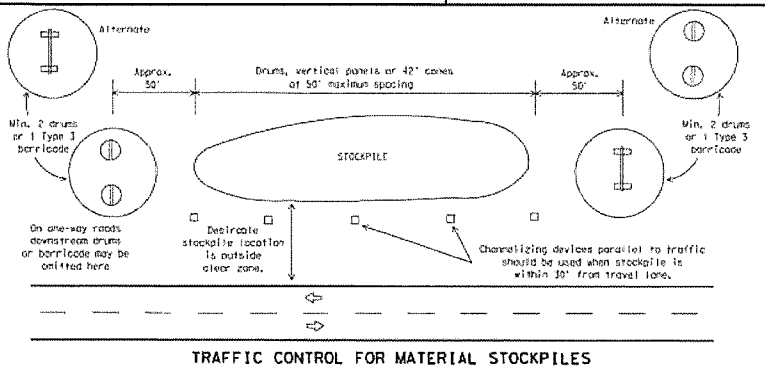
**CULVERT WIDENING OR OTHER ISOLATED WORK WITHIN THE PROJECT LIMITS**



28" Cones shall have a minimum weight of 9 1/2 lbs.  
42" 2-piece cones shall have a minimum weight of 30 lbs, including base.



1. This device is intended only for use in place of a vertical panel to channelize traffic by indicating the edge of the travel lane. It is not intended to be used in transitions or tapers.
2. This device shall not be used to separate lanes of traffic flowing in opposite or same directions.
3. This device is based on a 42 inch, two-piece cone with an alternate striping pattern: four 4 inch retroreflective bands, with an approximate 2 inch gap between bands. The color of the bands should correspond to the color of the edgeline yellow for left edgeline, white for right edgeline for which the device is substituted or for which it supplements. The retroreflective bands shall be retroreflective Type A conforming to Departmental Material Specification DMS-8300, unless otherwise noted.
4. The base must weigh a minimum of 30 lbs.



**TRAFFIC CONTROL FOR MATERIAL STOCKPILES**

1. Traffic cones and tubular markers shall be predominantly orange, and meet the height and weight requirements shown above.
  2. One-piece cones have the body and base of the cone molded in one consolidated unit. Two-piece cones have a cone shaped body and a separate rubber base, or ballast, that is added to keep the device upright and in place.
  3. Two-piece cones may have a handle or loop extending up to 8" above the minimum height shown, in order to aid in retrieving the device.
  4. Cones or tubular markers used at night shall have white or white and orange reflective bands as shown above. The reflective bands shall have a smooth, sealed outer surface and meet the requirements of Departmental Material Specification DMS-8300 type A.
  5. 28" cones and tubular markers are generally suitable for short duration and short-term stationary work as defined in BC04. These should not be used for intermediate-term or long-term stationary work unless personnel is on-site to maintain them in their proper upright position.
  6. 42" two-piece cones, vertical panels or drums are suitable for all work zone durations.
1. Cones or tubular markers used on each project should be of the same size and shape.

SHEET 10 OF 12

**BARRICADE AND CONSTRUCTION CHANNELIZING DEVICES**

**BC (10) - 14**

DATE: 08-14-2007	REV: 0001	DATE: 11-07-2007	REV: 0002
01/14/08	November 2007	01/14/08	November 2007
REVISIONS:		REVISIONS:	
9-07 8-14	7-13	01/14/08	01/14/08

DISCLAIMER: THIS SPECIFICATION IS GOVERNED BY THE TEXAS ENGINEERING PRACTICE ACT. NO LIABILITY FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE ASSUMED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION OF THIS PROJECT IN ACCORDANCE WITH THE TEXAS ENGINEERING PRACTICE ACT. NO LIABILITY FOR THE CONSTRUCTION OF THIS PROJECT SHALL BE ASSUMED BY THE CONTRACTOR.

DATE: FILE:

## WORK ZONE PAVEMENT MARKINGS

### GENERAL

- The Contractor shall be responsible for maintaining work zone and existing pavement markings, in accordance with the standard specifications and special provisions, on all roadways open to traffic within the CSC limits unless otherwise stated in the plans.
- Color, patterns and dimensions shall be in conformance with the "Texas Manual on Uniform Traffic Control Devices" (TMUTCD).
- Additional supplemental pavement marking details may be found in the plans or specifications.
- Pavement markings shall be installed in accordance with the TMUTCD and as shown on the plans.
- When short term markings are required on the plans, short term markings shall conform with the TMUTCD, the plans and details as shown on the Standard Plan Sheet #2151PM.
- When standard pavement markings are not in place and the roadway is opened to traffic, DO NOT PASS signs shall be erected to mark the beginning of the sections where passing is prohibited and PASS WITH CARE signs at the beginning of sections where passing is permitted.
- All work zone pavement markings shall be installed in accordance with Item 662, "Work Zone Pavement Markings."

### RAISED PAVEMENT MARKERS

- Raised pavement markers are to be placed according to the patterns on BC(11).
- All raised pavement markers used for work zone markings shall meet the requirements of Item 672, "RAISED PAVEMENT MARKERS" and Departmental Material Specification DMS-4200 or DMS-4300.

### PREFABRICATED PAVEMENT MARKINGS

- Removable prefabricated pavement markings shall meet the requirements of DMS-8241.
- Non-removable prefabricated pavement markings (foil back) shall meet the requirements of DMS-8242.

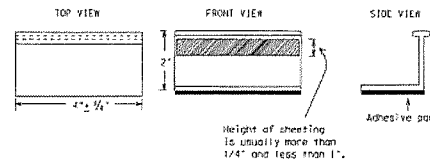
### MAINTAINING WORK ZONE PAVEMENT MARKINGS

- The Contractor will be responsible for maintaining work zone pavement markings within the work limits.
- Work zone pavement markings shall be inspected in accordance with the frequency and reporting requirements of work zone traffic control device inspections as required by Form 599.
- The markings should provide a visible reference for a minimum distance of 300 feet during normal daylight hours and 100 feet when illuminated by automobile low-beam headlights at night, unless sight distance is restricted by roadway geometrics.
- Markings failing to meet this criteria within the first 30 days after placement shall be replaced at the expense of the Contractor as per Specification Item 662.

### REMOVAL OF PAVEMENT MARKINGS

- Pavement markings that are no longer applicable, could create confusion or direct a motorist toward or into the closed portion of the roadway shall be removed or obliterated before the roadway is opened to traffic.
- The above shall not apply to detours in place for less than three days, where flaggers and/or sufficient channelizing devices are used in lieu of markings to outline the detour route.
- Pavement markings shall be removed to the fullest extent possible, so as not to leave a discernible marking. This shall be by any method approved by TxDOT Specification Item 677 for "Eliminating Existing Pavement Markings and Markers".
- The removal of pavement markings may require resurfacing or seal coating sections of the roadway as described in Item 671.
- Subject to the approval of the Engineer, any method that proves to be successful on a particular type pavement may be used.
- Blast cleaning may be used but will not be required unless specifically shown in the plans.
- Over-painting of the markings SHALL NOT BE permitted.
- Removal of raised pavement markers shall be as directed by the Engineer.
- Removal of existing pavement markings and markers will be paid for directly in accordance with Item 677, "ELIMINATING EXISTING PAVEMENT MARKINGS AND MARKERS," unless otherwise stated in the plans.
- Black-out marking tape may be used to cover conflicting existing markings for periods less than two weeks when approved by the Engineer.

## Temporary Flexible-Reflective Roadway Marker Tabs



**STAPLES OR NAILS SHALL NOT BE USED TO SECURE  
TEMPORARY FLEXIBLE-REFLECTIVE ROADWAY MARKER  
TABS TO THE PAVEMENT SURFACE**

- Temporary flexible-reflective roadway marker tabs used as guidemarks shall meet the requirements of DMS-8242.
- Tabs detailed on this sheet are to be inspected and accepted by the Engineer or designated representative. Sampling and testing is not normally required, however at the option of the Engineer, either "A" or "B" below may be required to assure quality before placement on the roadway.
  - Select five (5) or more tabs at random from each lot or shipment and submit to the Construction Division, Materials and Pavement Section to determine specification compliance.
  - Select five (5) tabs and perform the following test. Affix five (5) tabs at 24 inch intervals on an asphaltic pavement in a straight line. Using a medium size passenger vehicle or pickup, run over the markers with the front and rear tires at a speed of 35 to 40 miles per hour, four (4) times in each direction. No more than one (1) out of the five (5) reflective surfaces shall be lost or displaced as a result of this test.
- Small design variances may be noted between tab manufacturers.
- See Standard Sheet #2151PM for tab placement on new pavements. See Standard Sheet TEP17-11 for tab placement on seal coat work.

### RAISED PAVEMENT MARKERS USED AS GUIDEMARKS

- Raised pavement markers used as guidemarks shall be from the approved product list, and meet the requirements of DMS-4200.
- All temporary construction raised pavement markers provided on a project shall be of the same manufacturer.
- Adhesive for guidemarks shall be bituminous material not applied or busy! rubber pad for all surfaces, or thermoplastic for concrete surfaces.

Guidemarks shall be designated as:  
**YELLOW** - Two amber reflective surfaces with yellow body.  
**WHITE** - One silver reflective surface with white body.

DEPARTMENTAL MATERIAL SPECIFICATIONS	
PAVEMENT MARKERS (REFLECTORIZED)	DMS-4200
TRAFFIC BUTTONS	DMS-4300
EPOXY AND ADHESIVES	DMS-6100
BITUMINOUS ADHESIVE FOR PAVEMENT MARKERS	DMS-6130
PERMANENT PREFABRICATED PAVEMENT MARKINGS	DMS-8240
TEMPORARY REMOVABLE, PREFABRICATED PAVEMENT MARKINGS	DMS-8241
TEMPORARY FLEXIBLE, REFLECTIVE ROADWAY MARKER TABS	DMS-8242

A list of prequalified reflective raised pavement markers, non-reflective traffic buttons, roadway marker tabs and other pavement markings can be found at the Material Producer List web address shown on BC(1).

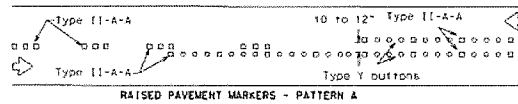
SHEET 11 OF 12

 Texas Department of Transportation		Traffic Operations Division Standard	
<h2 style="margin: 0;">BARRICADE AND CONSTRUCTION PAVEMENT MARKINGS</h2>			
<h3 style="margin: 0;">BC(11) - 14</h3>			
PLAN	BC(11)-14	NO. TABS	IN TABS
DATE	2-98	DATE	11-02
BY	1-02	BY	11-02
CHECKED	1-02	CHECKED	11-02
DESIGNED	1-02	DESIGNED	11-02
APPROVED	1-02	APPROVED	11-02

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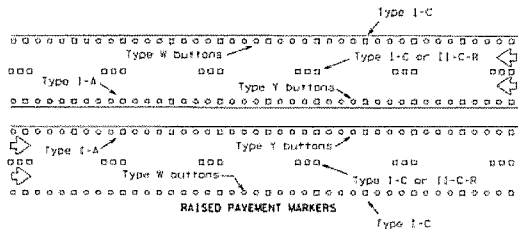
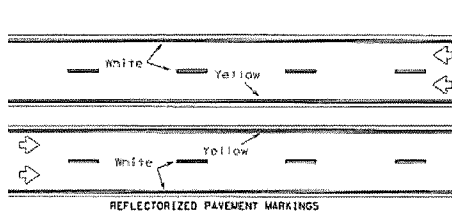
PAGE:  
FILE:

### PAVEMENT MARKING PATTERNS



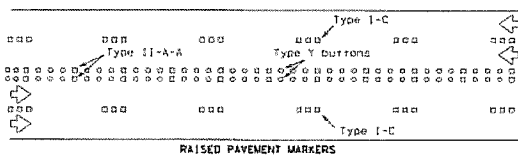
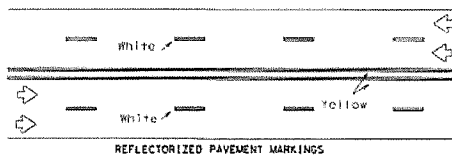
Pattern A is the 13001 Standard, however Pattern B may be used if approved by the Engineer. Prefabricated markings may be substituted for reflectORIZED pavement markings.

### CENTER LINE & NO-PASSING ZONE BARRIER LINES FOR TWO-LANE, TWO-WAY HIGHWAYS



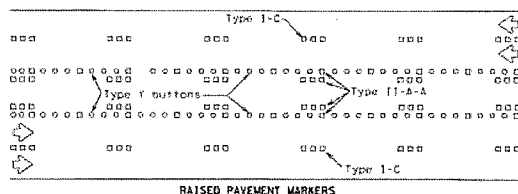
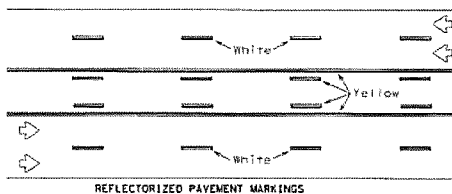
Prefabricated markings may be substituted for reflectORIZED pavement markings.

### EDGE & LANE LINES FOR DIVIDED HIGHWAY



Prefabricated markings may be substituted for reflectORIZED pavement markings.

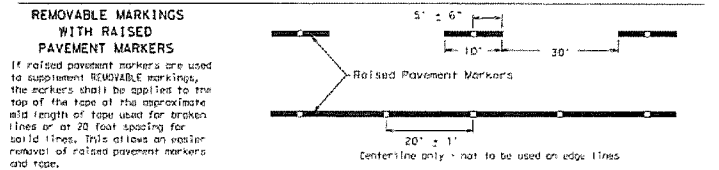
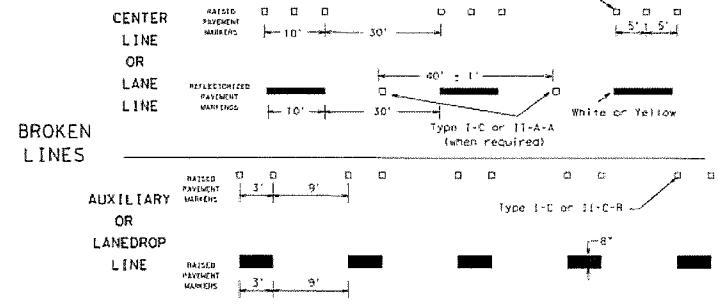
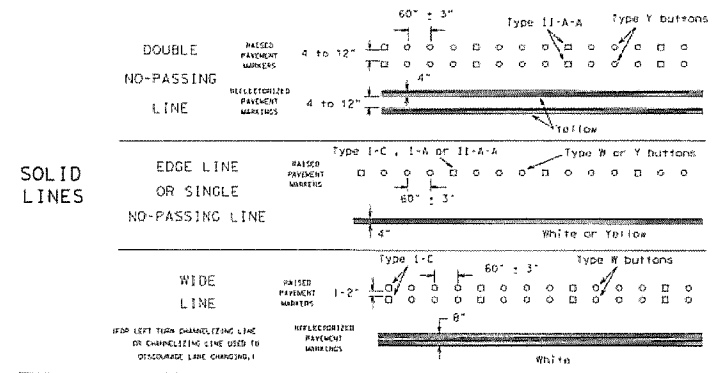
### LANE & CENTER LINES FOR MULTILANE UNDIVIDED HIGHWAYS



Prefabricated markings may be substituted for reflectORIZED pavement markings.

### TWO-WAY LEFT TURN LANE

### STANDARD WORK ZONE PAVEMENT MARKINGS DETAILS



SHEET 12 OF 12



### BARRICADE AND CONSTRUCTION PAVEMENT MARKING PATTERNS

BC (12) - 14

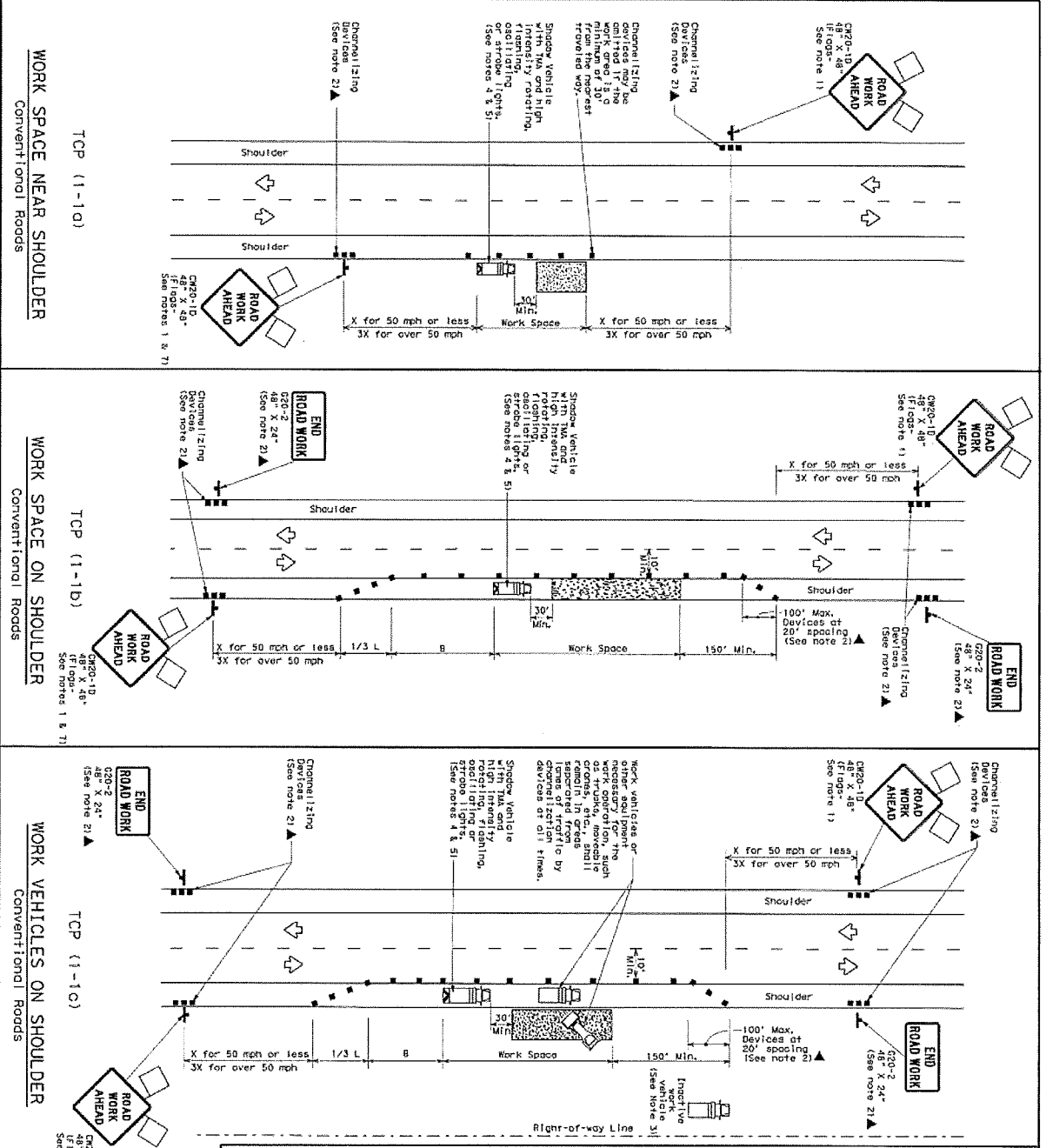
DATE	REVISED	BY	FOR	PROJECT	NO.	DATE
01-20-01	REVISION 1709					
1-97	9-07					
2-98	1-13					
11-02	8-14					

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DATE:  
FILE:



**TRAFFIC CONTROL PLAN**  
CONVENTIONAL ROAD SHOULDER WORK

TCP (1-1) -12

Texas Department of Transportation  
Traffic Control Division

For construction or maintenance contract work, specific project requirements for shoveler vehicles can be found in the project manual, Appendix B, "Traffic Control Plan" and "Traffic Handling".

**LEGEND**

	Type 3 Barricade		Channelizing Device
	Truck Mounted Attenuator (TMA)		Reversible Changeable Message Sign (RCMS)
	Flashing Arrow Board		Traffic Flow
	Sign		Flag
	Flag		Flag

**GENERAL NOTES**

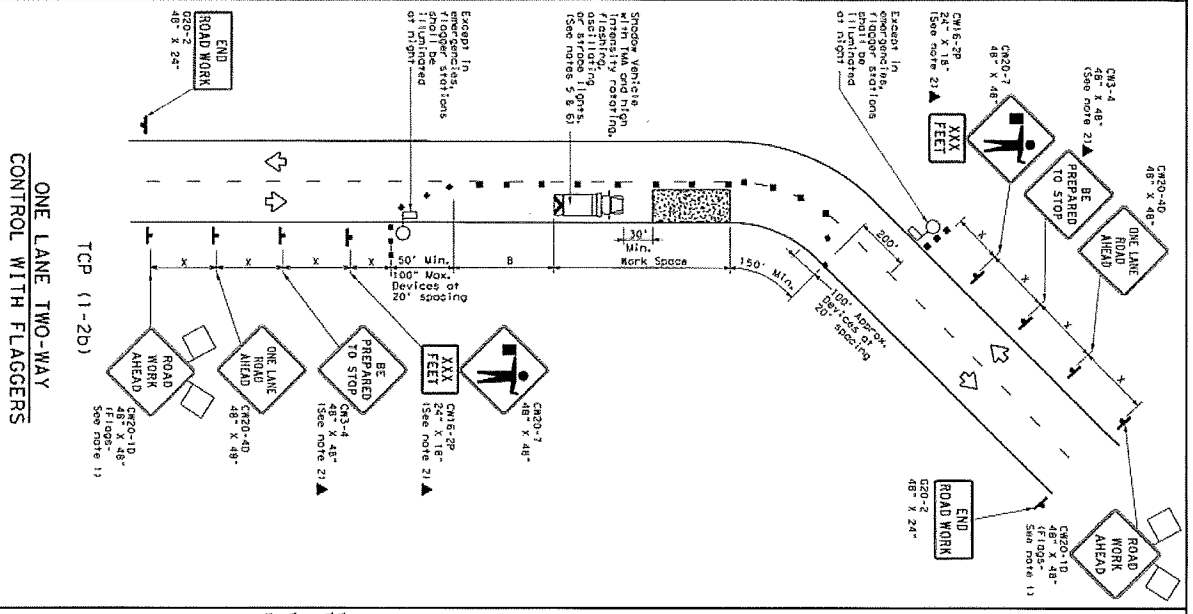
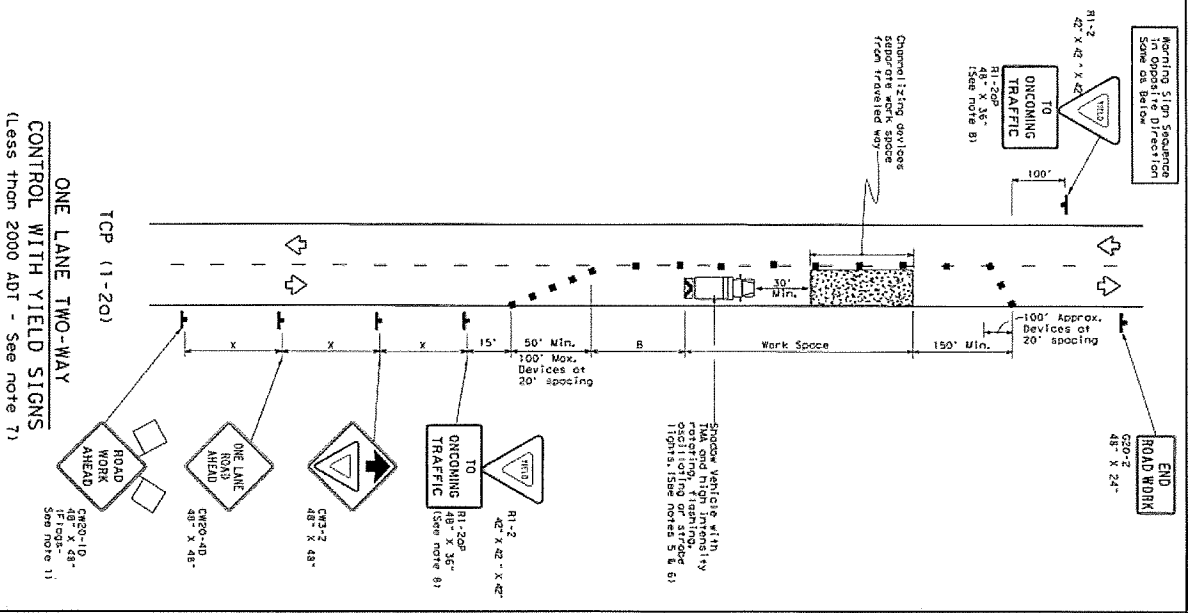
1. Flare attached to signs when shown are required.
2. All traffic control devices illustrated are required, except those denoted with the triangle symbol may be omitted when stated otherwise.
3. For routine maintenance work, when approved by the Engineer, the following may be used:
4. Shoveler vehicles or other equipment should be parked near the right-of-way line and not parked on the paved shoulder.
5. Shoveler vehicles with a flat should be used only if it can be positioned off the shoulder and not on the paved shoulder.
6. Additional shoveler vehicles may be used if the paved surface, next to those shown in order to protect wider work spaces.
7. See TDP(11) for shoveler work on divided highways, expressways and toll roads.
8. "Road Work Ahead" signs may be used in place of D20-10 roadway.

\* Conventional Road Only  
\* Truck lengths have been rounded off.  
\* Length of flag (FT) and sign of driver (FT). Stretched Speed (mph)

MOBILE	SHORT DURATION	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
30	35	40	45
40	45	50	55
50	55	60	65
60	65	70	75
70	75	80	85
80	85	90	95
90	95	100	105
100	105	110	115
110	115	120	125
120	125	130	135
130	135	140	145
140	145	150	155
150	155	160	165
160	165	170	175
170	175	180	185
180	185	190	195
190	195	200	205
200	205	210	215
210	215	220	225
220	225	230	235
230	235	240	245
240	245	250	255
250	255	260	265
260	265	270	275
270	275	280	285
280	285	290	295
290	295	300	305
300	305	310	315
310	315	320	325
320	325	330	335
330	335	340	345
340	345	350	355
350	355	360	365
360	365	370	375
370	375	380	385
380	385	390	395
390	395	400	405
400	405	410	415
410	415	420	425
420	425	430	435
430	435	440	445
440	445	450	455
450	455	460	465
460	465	470	475
470	475	480	485
480	485	490	495
490	495	500	505
500	505	510	515
510	515	520	525
520	525	530	535
530	535	540	545
540	545	550	555
550	555	560	565
560	565	570	575
570	575	580	585
580	585	590	595
590	595	600	605
600	605	610	615
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670	675	680	685
680	685	690	695
690	695	700	705
700	705	710	715
710	715	720	725
720	725	730	735
730	735	740	745
740	745	750	755
750	755	760	765
760	765	770	775
770	775	780	785
780	785	790	795
790	795	800	805
800	805	810	815
810	815	820	825
820	825	830	835
830	835	840	845
840	845	850	855
850	855	860	865
860	865	870	875
870	875	880	885
880	885	890	895
890	895	900	905
900	905	910	915
910	915	920	925
920	925	930	935
930	935	940	945
940	945	950	955
950	955	960	965
960	965	970	975
970	975	980	985
980	985	990	995
990	995	1000	1005

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**GENERAL NOTES**

1. Signs outlined to show where signs are required.
2. All traffic control devices illustrated are REQUIRED, except those denoted with the "X" symbol. The "X" symbol may be omitted when signs are in the plan, or for certain maintenance work, when approved by the engineer.
3. ROAD AHEAD signs should be placed 1/4 mile before the work zone.
4. Sign spacing may be increased or on additional CPO-10-HEAD ROAD AHEAD sign may be used if distance warning ahead of the flagger or RI-2-YIELD sign is less than 1500 feet.
5. Shadow vehicle with TMA should be used only when it can be positioned 30 to 100 feet ahead of the work. If workers are no longer present but road or work conditions require traffic control for the shadow vehicle and TMA, lined off of the paved surface, next to those signs in order to protect wider work spaces.

**TCP (1-20)**

1. RI-2-YIELD sign traffic control may be used on projects with approaches that have adequate sight distances. For projects in urban areas, sight spaces should be no longer than one half city block. In rural areas on roadways with less than 2000 ADT, work spaces should be no longer than 400 feet.
2. RI-2-YIELD sign with RI-4-STOP sign may be used on projects with approaches that are 1/4 mile or longer.
3. RI-2-YIELD sign with RI-4-STOP sign should be used on projects with approaches that are 1/4 mile or longer.

**TCP (1-20)**

1. Flagger should use hand signals or other methods of communication to control traffic.
2. Flagger should be positioned in the center of the work zone.
3. If the work lane is located near a horizontal or vertical curve, the buffer distances should be increased in order to maintain adequate stopping sight distance to the flagger and a queue of stopped vehicles (see table cover).
4. Flagger should be positioned in the center of the work zone.
5. Flagger should be positioned in the center of the work zone.
6. Flagger should be positioned in the center of the work zone.
7. Flagger should be positioned in the center of the work zone.
8. Flagger should be positioned in the center of the work zone.
9. Flagger should be positioned in the center of the work zone.
10. Flagger should be positioned in the center of the work zone.
11. Flagger should be positioned in the center of the work zone.
12. Flagger should be positioned in the center of the work zone.
13. Flagger should be positioned in the center of the work zone.

**TCP (1-20)**

For construction or maintenance contract work, sign specifications should be found in the project manual for Item 502, Berklecades, Signs and Traffic Signaling.

**LEGEND**

Symbol	Legend
□	Type 3 Buffer Icon
□	Heavy Work Vehicle
□	Truck Mounted Attenuator (TMA)
□	Trailer Mounted Attenuator (TMA)
□	Portable Changeable Message Sign (PCMS)
□	Flashing Arrow Board
□	Traffic Flow
□	Flagger

**TYPICAL USAGE**

Sign	Short Duration	Short Term Stationary	Intermediate Term Stationary	Long Term Stationary
YIELD	✓			
ROAD WORK AHEAD	✓	✓	✓	✓
ONE LANE ROAD AHEAD			✓	✓
XXX FEET TO STOP			✓	✓
BE PREPARED TO STOP			✓	✓
ONE LANE ROAD AHEAD			✓	✓
ROAD WORK AHEAD			✓	✓

**TABLE 1.1 - Suggested Maximum Sign Spacing (ft)**

Sign	Minimum Spacing (ft)	Maximum Spacing (ft)
YIELD	100	150
ROAD WORK AHEAD	100	150
ONE LANE ROAD AHEAD	100	150
XXX FEET TO STOP	100	150
BE PREPARED TO STOP	100	150
ONE LANE ROAD AHEAD	100	150
ROAD WORK AHEAD	100	150

**TCP (1-2) - 12**

Texas Department of Transportation  
Traffic Operations Division

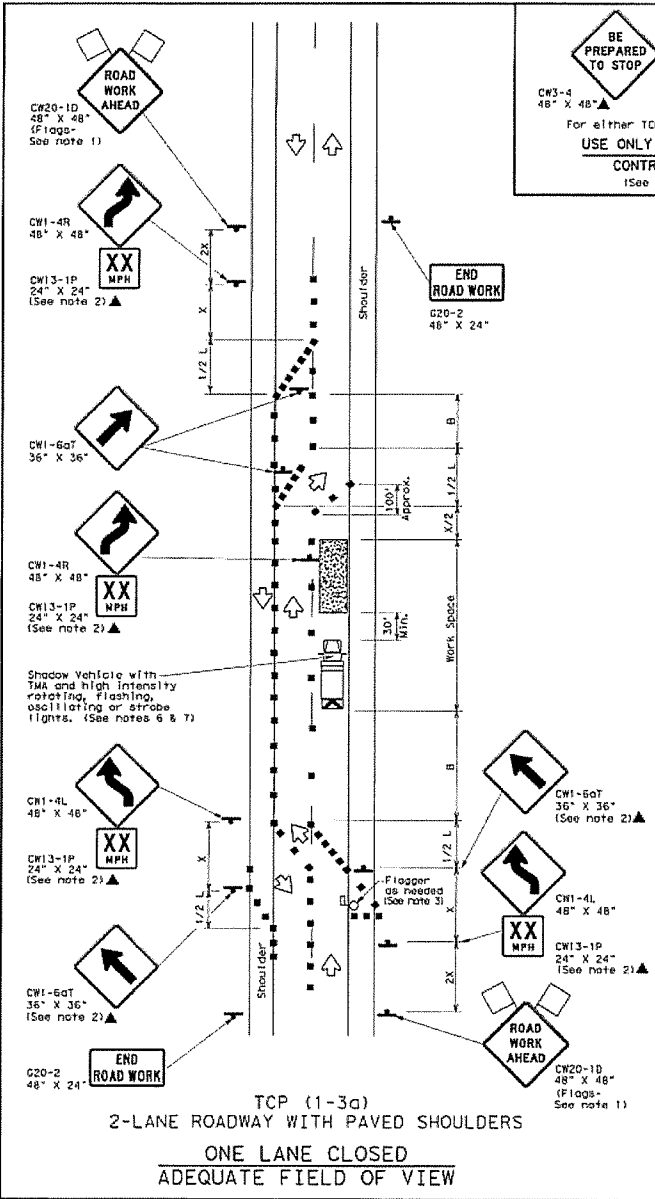
TRAFFIC CONTROL PLAN  
ONE-LANE TWO-WAY  
TRAFFIC CONTROL

DATE: 4/30/2012  
FILE: 1-21

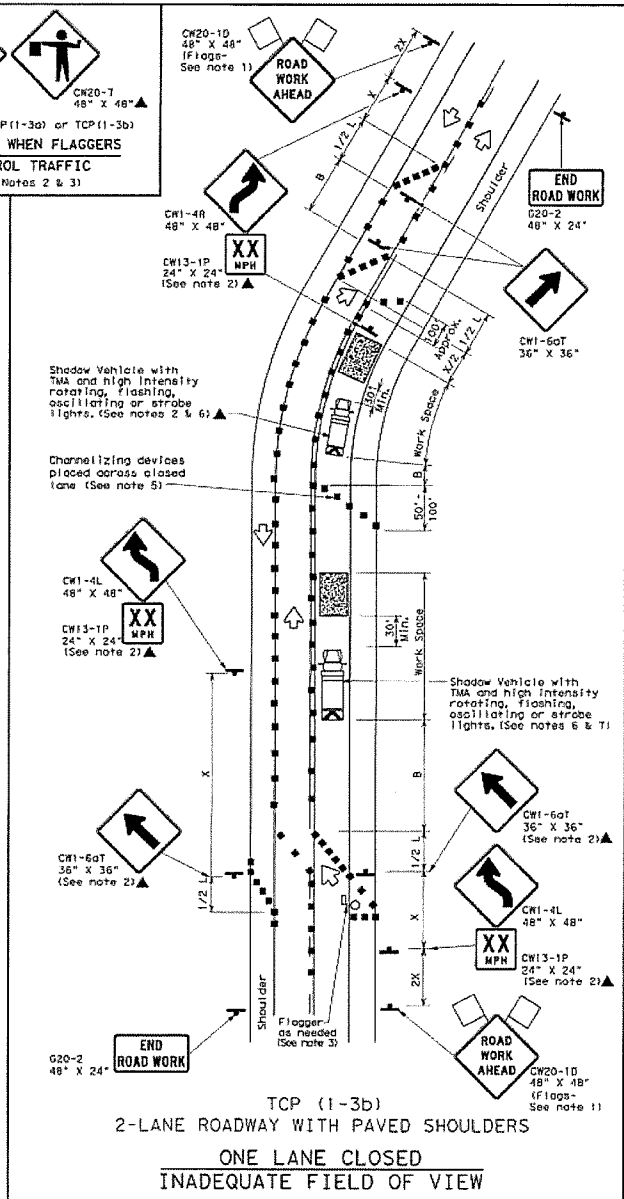
152

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**BE PREPARED TO STOP**  
CW3-4 48" X 48" ▲  
CW20-7 48" X 48" ▲  
For either TCP(1-3a) or TCP(1-3b)  
**USE ONLY WHEN FLAGGERS**  
**CONTROL TRAFFIC**  
(See Notes 2 & 3)



LEGEND			
	Type 3 Barricade		Channelizing Devices
	Heavy Work Vehicle		Truck Mounted Attenuator (TMA)
	Trailer Mounted Flashing Arrow Board		Portable Changeable Message Sign (PCMS)
	Sign		Traffic Flow
	Flag		Flagger

Posted Speed %	Formula	Minimum Desirable Taper Lengths	Suggested Maximum Spacing of Channelizing Devices	Minimum Sign Spacing "x"	Suggested Longitudinal Buffer Space "y"
30	$L = \frac{WS^2}{60}$	10' Offset	30'	60'	90'
35		11' Offset	30'	60'	120'
40	L = WS	12' Offset	40'	80'	155'
45		12' Offset	40'	80'	195'
50	L = WS	12' Offset	50'	100'	240'
55		12' Offset	50'	100'	295'
60	L = WS	12' Offset	60'	120'	350'
65		12' Offset	60'	120'	410'
70	L = WS	12' Offset	70'	140'	475'
75		12' Offset	75'	150'	540'

\* Conventional Roads Only  
\*\* Taper lengths have been rounded off.  
L=Length of Taper (ft) W=Width of Offset (ft) S=Posted Speed (MPH)

TYPICAL USAGE				
MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
	✓	✓		

- GENERAL NOTES**
- Flags attached to signs where shown are REQUIRED.
  - All traffic control devices illustrated are REQUIRED, except those denoted by the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
  - Flagger control should NOT be used unless roadway conditions or heavy traffic volume require additional emphasis to safely control traffic. Additional flaggers may be positioned in advance of traffic queues to alert traffic to reduce speed.
  - DO NOT PASS, PASS WITH CARE and construction regulatory speed zone signs may be installed downstream of the ROAD WORK AHEAD signs.
  - When the work zone is made up of several work spaces, channelizing devices should be placed laterally across the closed lane to re-emphasize closure. Laterally placed channelizing devices should be replaced every 500 to 1000 feet in urban areas and every 1/4 to 1/2 mile in rural areas.
  - A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
  - Additional Shadow Vehicles with TMAs may be positioned off the paved surface, next to those shown in order to protect wider work spaces.
  - Where traffic is directed over a yellow centerline, channelizing devices which separate two-way traffic should be spaced on tapers at 20', or 15' if posted speed are 35 mph or slower, and for tangent sections, at 1/2S where S is the speed in mph. This lighter device spacing is intended for the area of conflicting markings not the entire work zone.

**Texas Department of Transportation**  
Traffic Operations Division

**TRAFFIC CONTROL PLAN**  
**TRAFFIC SHIFTS ON**  
**TWO LANE ROADS**

**TCP (1-3)-12**

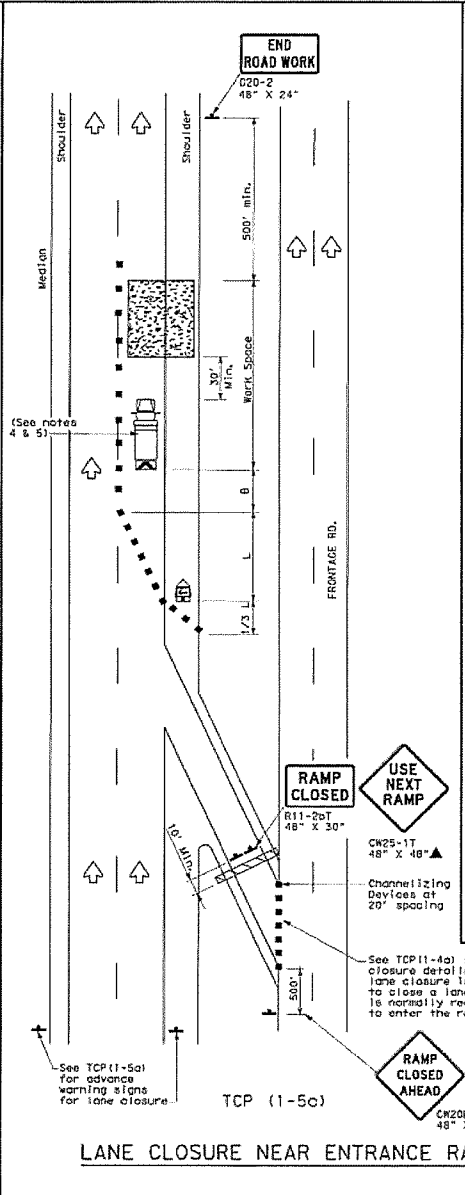
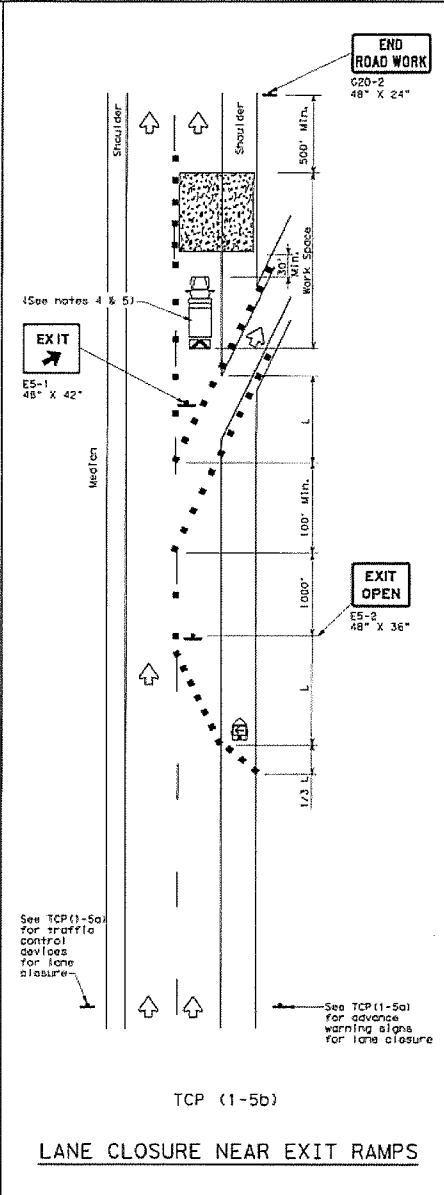
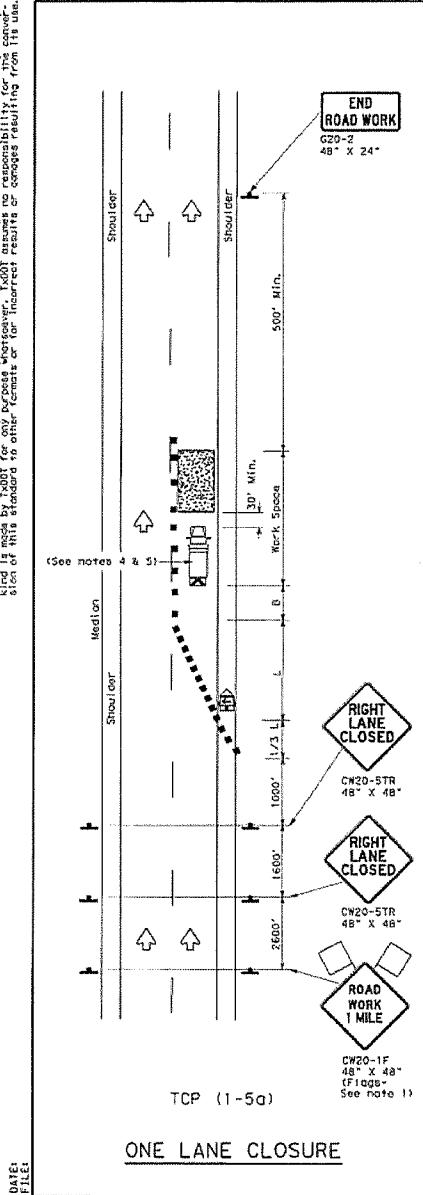
(C) 14001, December 1995	REV. DATE	REV. BY	REV. REASON	CHK. BY
2-84	2-12			
8-85				
1-97				
4-98				

153

For construction or maintenance contract work, specific project requirements for shadow vehicles can be found in the project GENERAL NOTES for Item 502. Barricades, Signs and Traffic Handling.



DISCLAIMER: The use of this standard is governed by the "Texas Engineering Practices Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the correct size of this standard or other remarks or for incorrect results or damages resulting from its use.



**LEGEND**

	Type 3 Barricade		Channelizing Devices
	Truck Mounted Attenuator (TMA)		Portable Changeable Message Sign (PCMS)
	Trailer Mounted Flashing Arrow Board		Traffic Flow
	Sign		Flagger

Posted Speed * MPH	Formula	Minimum Desirable Taper Lengths ft		Suggested Maximum Spacing of Channelizing Devices ft		Minimum Spacing ft	Suggested Longitudinal Buffer Space ft
		10' Offset	12' Offset	On a Taper	On a Tangent		
30	L = WS <sup>2</sup> /60	150'	165'	180'	30'	60'	120'
35		205'	225'	245'	35'	70'	160'
40	L = WS	265'	295'	320'	40'	80'	240'
45		450'	495'	540'	45'	90'	320'
50	L = WS	500'	550'	600'	50'	100'	400'
55		550'	605'	660'	55'	110'	500'
60	L = WS	600'	660'	720'	60'	120'	600'
65		650'	715'	780'	65'	130'	700'
70	L = WS	700'	770'	840'	70'	140'	800'
75		750'	825'	900'	75'	150'	900'

\* Conventional Roads Only  
 \*\* Taper lengths have been rounded off.  
 L=Length of Taper (FT) W=Width of Offset (FT) S=Posted Speed (MPH)

**TYPICAL USAGE**

MOBILE	SHORT DURATION	SHORT TERM STATIONARY	INTERMEDIATE TERM STATIONARY	LONG TERM STATIONARY
		✓		

- GENERAL NOTES**
- Flags attached to signs where shown, are REQUIRED.
  - All traffic control devices illustrated are REQUIRED, except those denoted with the triangle symbol may be omitted when stated elsewhere in the plans, or for routine maintenance work, when approved by the Engineer.
  - Channelizing devices used to close lanes may be supplemented with the Chevron Alignment Sign placed on every channelizing device. Chevrons may be attached to plastic drums as per BC Standards.
  - Shadow Vehicle with TMA and high intensity rotating, flashing, oscillating or strobe lights. A Shadow Vehicle with a TMA should be used anytime it can be positioned 30 to 100 feet in advance of the area of crew exposure without adversely affecting the performance or quality of the work. If workers are no longer present but road or work conditions require the traffic control to remain in place, Type 3 Barricades or other channelizing devices may be substituted for the Shadow Vehicle and TMA.
  - Additional Shadow Vehicles with TMAs may be positioned in each closed lane, on the shoulder or off the paved surface, next to those shown in order to protect a wider work space.

For construction or maintenance contract work, specific project requirements for shadow vehicles can be found in the project GENERAL NOTES for Item 502, Barricades, Signs and Traffic Handling.

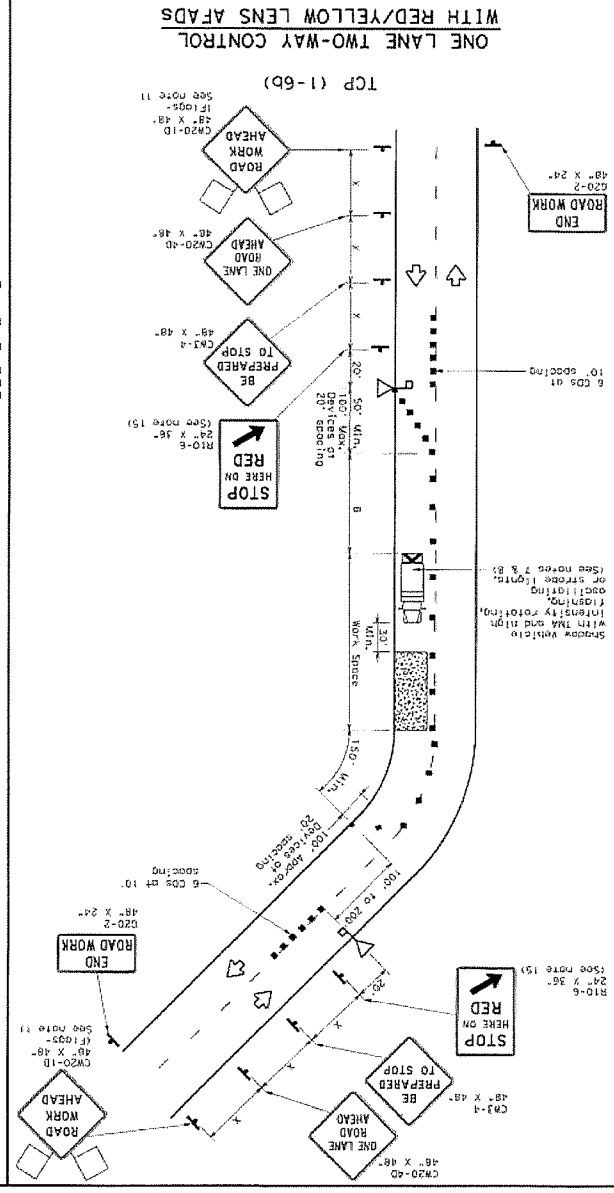
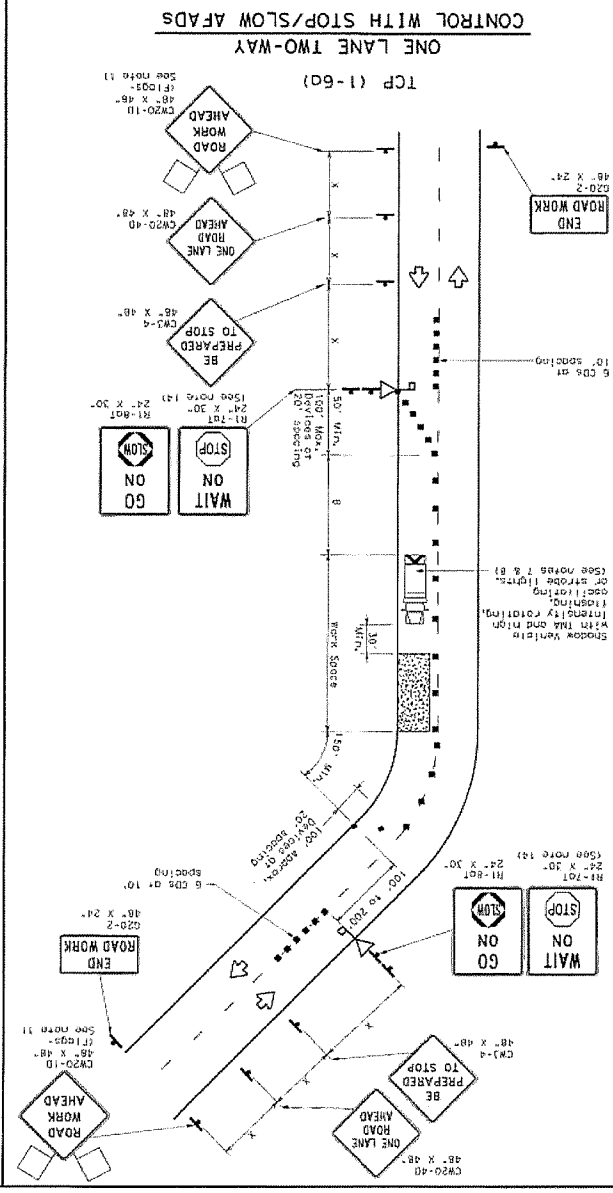
Texas Department of Transportation  
Traffic Operations Division

**TRAFFIC CONTROL PLAN  
LANE CLOSURES FOR  
DIVIDED HIGHWAYS**

TCP (1-5)-12

DATE: 11/15/12	BY: JPC	CHKD BY: JPC	APP'D BY: JPC
PROJECT: 155	LOCAL: 155	JOB: 155	ROUTE: 155
DIST: 155	COUNTY: 155	SHEET NO: 155	

DISCLAIMER: The use of this software is governed by the Texas Engineering Practice Act. No warranty of any kind is made by TCEQ for any specific use of the software. TCEQ shall not be held responsible for any damages or consequences resulting from the use of this software.



**TRAFFIC CONTROL PLAN**  
AUTOMATED FLAGGER ASSISTANCE DEVICES (AFADS)  
TCP (1-6) - 12

Texas Department of Transportation  
Traffic Operations Division

DATE	PROJECT
TIME	LOCATION
BY	SCALE

For construction or maintenance contract work, specific project materials should be found in the project GENERAL NOTES for details on the use of the AFADs. Signs and Barricades, Signs and Traffic Handling.

1. Signs provided to signs where shown or required.
2. In the direction to be controlled.
3. Adequate stopping sight distance must be provided for each AFAD location for approaching traffic. (See note 1 & 8).
4. Each AFAD shall be operated by a small/controlled flagger. Flaggers operating AFADs shall not be interrupted while they are in use.
5. One flagger may operate two AFADs only when the flagger has an unobstructed view of both AFADs and of the approaching traffic in both directions.
6. When AFADs are used, a flagger controlling traffic shall be located on each side of the road.
7. All AFADs must be equipped with an orange or fluorescent red-orange light source.
8. A shadow vehicle with a sign should be used if possible. It can be positioned 20 to 100 feet in advance of the AFADs. It is not to be used if the performance or quality of the work is affected. It is not to be used if the performance or quality of the work is affected. It is not to be used if the performance or quality of the work is affected.
9. Additional shadow vehicles may be positioned on the road surface next to other dimensioning devices may be substituted for the Shadow Vehicle and WA. (See note 15)
10. Flaggers should use two-way radios or other means of communication to control traffic. Length of work space should be based on the ability of flaggers to communicate. (See note 15)
11. Flaggers should use two-way radios or other means of communication to control traffic. Length of work space should be based on the ability of flaggers to communicate. (See note 15)
12. If the work space is located near a horizontal or vertical curve, the buffer distance should be increased in order to protect other users.
13. Changing devices on the center line may be omitted when a pilot car is leading traffic and approved by the Engineer.
14. The first sign shall be placed on the right side of the road on the side of the road. The sign shall be placed on the right side of the road on the side of the road. The sign shall be placed on the right side of the road on the side of the road.
15. The sign shall be placed on the right side of the road on the side of the road. The sign shall be placed on the right side of the road on the side of the road. The sign shall be placed on the right side of the road on the side of the road.

**GENERAL NOTES**

TYPICAL USAGE	
MOBILE	SHORT TERM
INTERMEDIATE	INTERMEDIATE
LONG TERM	LONG TERM

X Lengths of signs are rounded off.  
X Lengths of signs are rounded off.

Sign	Length	Width	Height	Weight
STOP	24"	30"	12"	150
BE PREPARED TO STOP	48"	48"	12"	150
ONE LANE ROAD AHEAD	48"	48"	12"	150
ROAD WORK AHEAD	48"	48"	12"	150
END ROAD WORK	48"	48"	12"	150
STOP HERE ON RED	24"	30"	12"	150
STOP	24"	30"	12"	150
WAIT	24"	30"	12"	150
GO	24"	30"	12"	150

**LEGEND**

Type 3 Barricade	Change/Setting Devices (CDs)
Truck Mounted Attenuator (TMA)	
Portable Message Board	
AFAD (AFAD)	
Sign	Flagger

**EXHIBIT "C" OF THE INTERLOCAL COOPERATION AGREEMENT BETWEEN HIDALGO COUNTY DRAINAGE DISTRICT NO. 1 AND CITY OF EDINBURG, TEXAS**

Exhibit "D"

PRELIMINARY MATERIAL COST ESTIMATE  
 HIDALGO COUNTY DRAINAGE DISTRICT No. 1  
 DRAINAGE DITCH REALIGNMENT - EAST OF JACKSON RD (BTWN SPRAGUE ST. & FREDDY GONZALEZ DR.)  
 ESTIMATOR: ELIZA YZAGUIRRE DATE 5/31/16

MATERIAL COST FOR DITCH TO BE RELOCATED					
ITEM No.	ESTIMATED QUANTITY	UNIT	ITEM DESCRIPTION	UNIT PRICE IN FIGURES	TOTAL EXTENSION IN FIGURES
1	1	EA	JUNCTION BOX	\$ 4,500.00	\$ 4,500.00
2	52	LF	72" RUBBER GASKET RCP (CL III)	\$ 187.50	\$ 9,750.00
3	38	CY	REINFORCED CONCRETE RIP-RAP	\$ 110.00	\$ 4,180.00
4	52	LF	BEDDING AND BACKFILL (57 CY)	\$ 25.97	\$ 1,350.44
				SUBTOTAL: \$	19,780.44
				CONTINGENCY (10%) \$	1,978.04
				<b>TOTAL: \$</b>	<b>21,758.48</b>

**AI -58750**

7.

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted For: Jaime Salazar

Submitted By: Jaime Salazar, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Requesting approval of Inter-Local Agreement and Easement between Hidalgo County Drainage District No.1 and Hidalgo County Irrigation District No.2 as it relates to Cesar Chavez Drain Phase II.

BACKGROUND

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Fiscal Impact

Attachments

ILA

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Jaime Salazar		Started On: 02/28/2017 04:52 PM
Final Approval Date: 03/03/2017		



to any such activity and furnish necessary plans, specifications, and sketches showing the location and type of construction. Any such alterations, modifications, or additions shall be at the sole expense of District 2. In the event it is necessary to relocate, alter, or modify improvements of District 1 situated within the Ditch, then District 2 shall pay for all reasonable costs necessarily incurred by District 1 in relocating or altering its improvements to accommodate the new alterations, modifications, or additions to the improvements situated within the Ditch. In the event such alterations, modifications, or additions relate to providing drainage to irrigated agricultural lands, then following completion of same, District 1 agrees to thereafter maintain same.

4. If in the opinion of District 2, any alteration, modification, or new construction will injure, impair, or adversely affect the use of the Ditch for drainage of irrigated agricultural land, then District 2 may prescribe such reasonable regulations as necessary for its protection provided however, that such regulations shall not extend to rerouting or relocation of any lines or improvements outside of the Ditch described in Exhibit "A". District 1 agrees in good faith, to honor such regulations unless such regulations unreasonably interfere with its providing of storm drainage.
5. In the event of any emergency, when immediate action is necessary for the protection of the public and to minimize property damage and loss of investment, either party hereto may make such necessary emergency repairs as required under the circumstances. Immediately following such repairs, the party making same shall notify the other party of its action in writing, as soon as practical. If such emergency repairs is done by District 2 and relates to facilities designed for the drainage of irrigated agricultural land, then District 1 shall reimburse District 2 for the reasonable cost of such emergency repairs within sixty (60) days following District 2's request for payment. Such request for payment shall contain reasonably specific detail as to the cost of such repairs as either party would expect from governmental entities under such circumstances.
6. If either District 1 or District 2 damages any asset or improvement of the other party relating to the Ditch, the party so damaging such asset or improvement of the other party, shall pay all costs of repair of the damage so caused to the other. If the damage impacts the operations of the damaged Party, then it is agreed that the damaged Party may make such necessary repairs, and the other Party agrees to pay the damaged Party the reasonable cost of labor, materials, and overhead to accomplish such repair.
7. District 2 shall not be liable or responsible for, and shall be saved and held harmless by District 1 from and against any and all claims and damages of every kind, for injury to or death of any person or persons and for damage to or loss of property, arising out of or attributed, directly or indirectly, to the operations of District 1 under this Agreement.

8. District 1 agrees to allow connections of any agricultural use field drain or agricultural sub-soil drain to the Ditch provided that such field drain or agricultural or sub-soil drain is draining agricultural lands and no significant part of any such land is used for any non-agricultural use. It shall not be necessary for the owner of any such field drain or sub-soil drain to pay any fee for connecting however, such owner shall file an application with District 1 in order for District 1 to account for location, sizing of pipe and amount of flow discharging into the Ditch. Upon any subdivision of any such agricultural use property, applicable subdivision regulations at the time of such subdivision with respect to the continued availability of the use of such drains or the requirement of new drains for any such subdivisions must be followed.
9. The parties agree that DISTRICT 1 IS ACCEPTING THE DITCH "AS IS," "WHERE IS" AND "WITH ALL FAULTS", AND WITHOUT ANY REPRESENTATIONS OR WARRANTIES WHATSOEVER BY DISTRICT 2, EXPRESS OR IMPLIED, WRITTEN OR ORAL, IT BEING THE INTENTION OF THE PARTIES TO EXPRESSLY NEGATE ANY REPRESENTATIONS AND WARRANTIES OF DISTRICT 2, INCLUDING, BUT NOT LIMITED TO (I) THE PHYSICAL CONDITION OF THE DITCH OR ANY ELEMENT THEREOF, INCLUDING, WITHOUT LIMITATION, WARRANTIES RELATED TO SUITABILITY FOR HABITATION, MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSES; (II) THE NATURE OR QUALITY OF CONSTRUCTION, STRUCTURAL DESIGN AND ENGINEERING OF ANY IMPROVEMENTS; (III) THE QUALITY OF THE LABOR AND MATERIALS INCLUDED IN ANY IMPROVEMENTS; (IV) THE SOIL CONDITIONS, (BOTH SURFACE AND SUBSURFACE); DRAINAGE OR OTHER CONDITIONS EXISTING AT THE DITCH WITH RESPECT TO ANY PARTICULAR PURPOSE, DEVELOPMENTAL, POTENTIAL OR OTHERWISE; (V) ALL WARRANTIES CREATED BY ANY AFFIRMATION OF FACT OR PROMISE OR BY ANY DESCRIPTION OF THE DITCH, AND (VI) ALL OTHER WARRANTIES, AND REPRESENTATIONS WHATSOEVER.
10. **Conflict with 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 this 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 provision of this Agreement shall be modified only to the extent necessary to bring this Agreement within any such legal requirements and only during the times such conflict exists.
11. **No Waiver.** No waiver by any party hereto of any breach of any provision of this Agreement shall be deemed to be a waiver of any preceding or succeeding breach of the same or any other provision hereof.

12. **Entire Agreement.** This Agreement contains the entire agreement between the parties hereto, reflecting the subject matter hereto and each party acknowledges that neither has made (either directly or through any agent or representative) any 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 District 1 and District 2, and not otherwise.
13. **Texas Law to Apply.** This Agreement shall be construed under and in accordance with the laws of the State of Texas, and all obligations of the parties created hereunder are performable in Hidalgo County, Texas. The parties hereby consent to personal jurisdiction in Hidalgo County, Texas.
14. **Notice.** Except as may be 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 District 2:           Hidalgo County Irrigation District No. 2  
                                  Attention: Manager  
                                  P. O. Box 6  
                                  San Juan, Texas 78589
- If to District 1:           Hidalgo County Drainage District No. 1  
                                  Attention: General Manager  
                                  902 N. Doolittle  
                                  Edinburg, Texas 78540-0758
- 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.
15. **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.
16. **Successors.** This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective administrators, legal representatives, successors and assigns where permitted by this Agreement.
17. **Assignment.** This Agreement shall not be assignable.

18. **Headings.** The headings and captions contained in this Agreement are solely for convenience reference and shall not be deemed to affect the meaning or interpretation of any provision of paragraph hereof.
19. **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 so often as may be appropriate.
20. **Authority to Execute.** The execution and performance of this Agreement by District 1 and District 2 have been duly authorized by all necessary laws, resolutions or governing body action of the parties and this Agreement constitutes the valid and enforceable obligations of District 1 and District 2 in accordance with its terms.
21. **Governmental Purpose.** Each party hereto is entering into this 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.
22. **Commitment of 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.

**HIDALGO COUNTY IRRIGATION DISTRICT  
NO. 2**

By: \_\_\_\_\_  
Karl Obst, President, Board of Directors

**HIDALGO COUNTY DRAINAGE DISTRICT  
NO. 1**

By: \_\_\_\_\_  
Ramon Garcia, Chairman, Board of Directors

**APPROVED AS TO FORM:**

**ATLAS, HALL & RODRIGUEZ, LLP**

By: \_\_\_\_\_  
Stephen L. Crain

STATE OF TEXAS  
COUNTY OF HIDALGO

This instrument was acknowledged before me on this the \_\_\_ day of \_\_\_\_\_, 2016, by Karl Obst, President of the Board of Directors of Hidalgo County Irrigation District No. 2, a political subdivision of the State of Texas, on behalf of such subdivision, to certify which witness my hand and seal of office.

\_\_\_\_\_  
Notary Public in and for the State of Texas

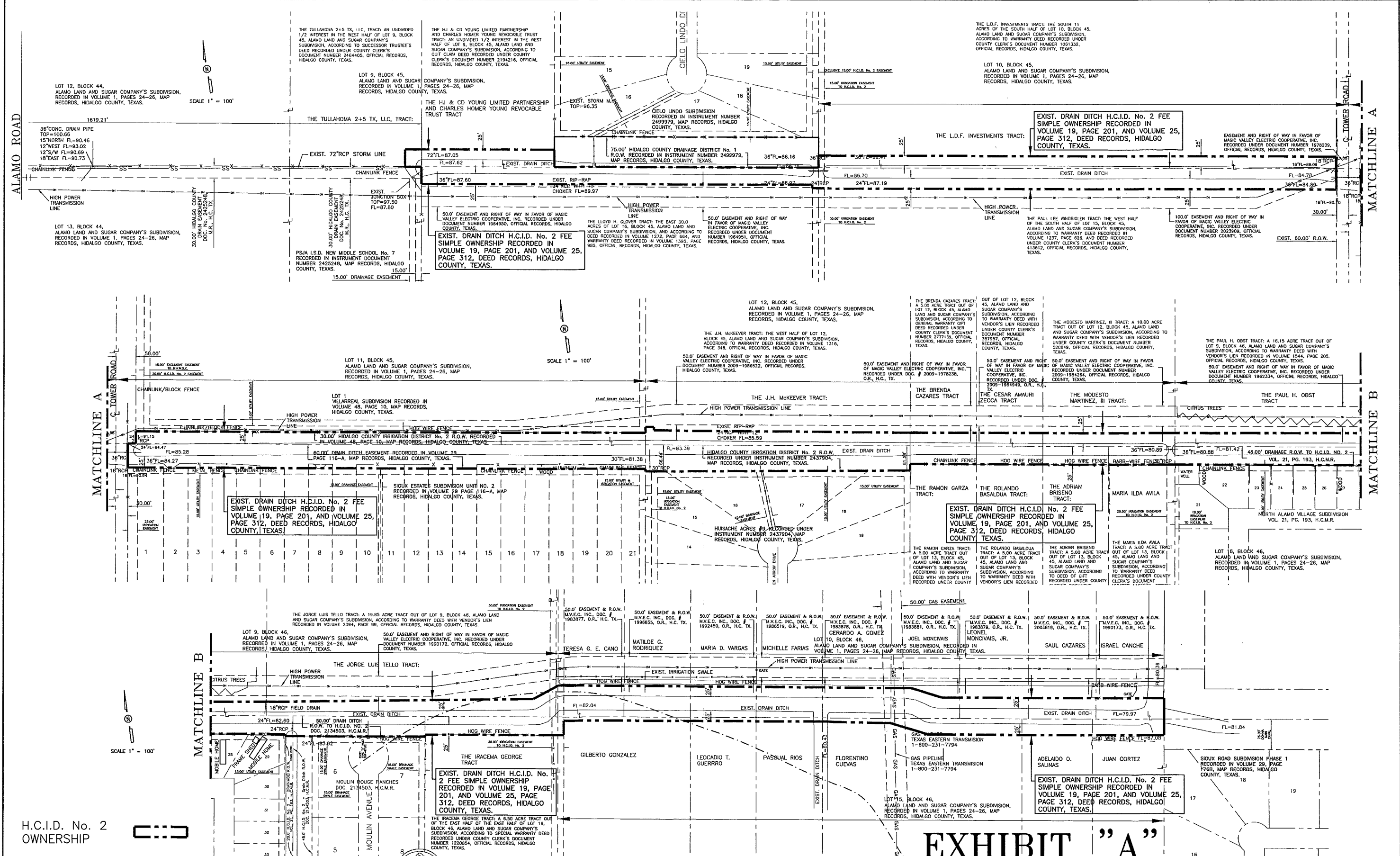
STATE OF TEXAS  
COUNTY OF HIDALGO

This instrument was acknowledged before me on this the \_\_\_ day of \_\_\_\_\_, 2016, by Ramon Garcia, Chairman of the Board of Directors of Hidalgo County Drainage District No. 1, a political subdivision of the State of Texas, on behalf of such subdivision, to certify which witness my hand and seal of office.

\_\_\_\_\_  
Notary Public in and for the State of Texas

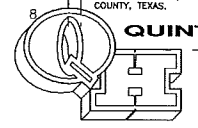
**EXHIBIT A**

**DRAINAGE DITCH**



H.C.I.D. No. 2  
OWNERSHIP

H.C.D.D. No. 1  
EASEMENT/R.O.W.



**QUINTANILLA, HEADLEY AND ASSOCIATES, INC.**  
 CONSULTING ENGINEERS • LAND SURVEYORS  
 124 E. STUBBS ST. PHONE 956-381-6480  
 EDINBURG, TEXAS 78539 FAX 956-381-0527  
 ENGINEERING REGISTRATION NUMBER F-1513 OFFICE@QHAENGINEERING.COM  
 SURVEYING REGISTRATION NUMBER 100411-00

# EXHIBIT "A"

PROJECT: F.M. 907 (ALAMO ROAD) FROM EXPRESSWAY 83 TO  
 NOLANA LOOP OUTFALL—H.C.D.D. No. 1  
 CESAR CHAVEZ DRAIN PHASE II INTERLOCAL WITH HCID No. 2

STRIP MAP  
 SCALE 1"=100'

JANUARY 20, 2017

**AI -58751**

**8.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted For: Jaime Salazar

Submitted By: Moises Salazar, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Action for Hidalgo County Drainage District No.1 to exercise the issuance of written Notice of Termination to Texas Cordia Construction, LLC related to Contract No.: HCDD1-14-008-03-19 -Pct 2 Alamo Expressway Drain as provided in the Agreement, more specifically under the General Conditions 15.03 A and thus agree that only services/materials provided and expenses incurred prior the date of termination will be due and payable.

BACKGROUND

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Fiscal Impact

Attachments

*No file(s) attached.*

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Moises Salazar		Started On: 02/28/2017 04:57 PM
Final Approval Date: 03/03/2017		

**AI -58818**

**9.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted For: Jaime Salazar

Submitted By: Moises Salazar, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Requesting approval of "Pool" of pre-qualified firms submitting Statements of Qualifications for ranking on an "As Needed Basis" per project by the Hidalgo County Drainage District No.1 for projects that require said services as set forth in the requirements stated in RFQ No. HCDD1-17-008-03-01 "Professional Engineering Services - Pool".

BACKGROUND

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Fiscal Impact

Attachments

2017 HCDD1 Pool of Engineers

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**Form Review**

**Inbox**

**Reviewed By**

**Date**

Final Approval

Monica Badillo

03/03/2017 05:18 PM

Form Started By: Moises Salazar

Started On: 03/03/2017 08:12 AM

Final Approval Date: 03/03/2017



# HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

## RFQ-2017 POOL OF ENGINEERING FIRMS

(with Areas of Specialization)

RFQ NO: HCDD1-17-008-03-01

DESCRIPTION: -

**“PROFESSIONAL ENGINEERING SERVICES POOL”**

POOL EFFECTIVE DATES:

START: March 8, 2017

END: March 7, 2018

No.	NAME OF FIRM / COMPANY	CIVIL ENGINEERING	STRUCTURAL ENGINEERING	GEOTECHNICAL ENGINEERING	CMT/CONSTRUCTION MATERIAL TESTING	MECHANICAL ENGINEERING	ENVIRONMENTAL ENGINEERING	ELECTRICAL ENGINEERING	HIGHWAY ENGINEERING	MEP ENGINEERING (Mech/Elec/Plumb)
#1	<b>B2Z Engineering, LLC</b> Stephanie Garza, Administrative Assistant 900 S. Stewart Rd., Suite 4 Mission, TX 78572 <a href="mailto:Stephanie@B2ZEng.com">Stephanie@B2ZEng.com</a> <a href="http://www.B2ZEng.com">www.B2ZEng.com</a> Mobile: (956) 378-1703 Office: (956) 585-3773	✓	✓	✓	✓				✓	
#2	<b>Raba Kistner, Inc.</b> Joanna Armstrong, Cpsm Marketing Resources Manager, Corporate Development 800 East Hackberry McAllen, TX 78501 956-682-5332 <a href="mailto:jarjona@rkci.com">jarjona@rkci.com</a>			✓	✓		✓			
#3	<b>Perez Consulting Engineers, LLC</b> J.David Perez, P.E., Owner 808 Dallas Ave. McAllen, Texas 78501 956.631.4482 <a href="mailto:mf@perezce.com">mf@perezce.com</a> <a href="mailto:dp@perezce.com">dp@perezce.com</a>	✓								
#4	<b>Javier Hinojosa Engineering</b> Javier Hinojosa, P.E. 416 E. Dove Avenue McAllen, Texas 78504 956-668-1588 <a href="mailto:javhin@rgv.rr.com">javhin@rgv.rr.com</a>	✓							✓	
#5	<b>CRUZ-HOGAN Consultants, Inc.</b> Ronnie Cruz, P.E., CFM 605 E. Violet Ave., Suite 1 McAllen, TX 78504 <a href="mailto:ronnie@cruzhogan.net">ronnie@cruzhogan.net</a> 956-682-5022	✓					✓			
#6	<b>L &amp; G Consulting Engineers, Inc. dba L&amp;G Engineering</b> Jacinto Garza, P.E., CEO/President 2100 W. Expressway 83 Mission, Texas 78570 <a href="mailto:Jacinto@lgengineers.com">Jacinto@lgengineers.com</a> 956-565-9813 <a href="http://www.LGEngineers.com">www.LGEngineers.com</a>	✓	✓	✓	✓		✓		✓	
#7	<b>TEDSI Infrastructure Group, Inc.</b> Jesus Salinas, CEO/President 1201 E. Expressway 83 Mission, Texas 78572 <a href="http://www.tedsicom.com">www.tedsicom.com</a> <a href="mailto:jsalinas@tedsi.com">jsalinas@tedsi.com</a> 956-424-7898	✓							✓	



# HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

## RFQ-2017 POOL OF ENGINEERING FIRMS

(with Areas of Specialization)

RFQ NO: HCDD1-17-008-03-01

DESCRIPTION: -

**“PROFESSIONAL ENGINEERING SERVICES POOL”**

POOL EFFECTIVE DATES:

START: March 8, 2017

END: March 7, 2018

No.	NAME OF FIRM / COMPANY	CIVIL ENGINEERING	STRUCTURAL ENGINEERING	GEOTECHNICAL ENGINEERING	CMT/CONSTRUCTION MATERIAL TESTING	MECHANICAL ENGINEERING	ENVIRONMENTAL ENGINEERING	ELECTRICAL ENGINEERING	HIGHWAY ENGINEERING	MEP ENGINEERING (Mech/Elect/Plumb)
#8	<b>Guzman &amp; Munoz Engineering and Surveying, Inc.</b> Jose L. Munoz, President 2020 E. Expressway 83 Mercedes, TX 78570 <a href="mailto:jmunoz@gmes.biz">jmunoz@gmes.biz</a> 956-565-4637	✓	✓						✓	
#9	<b>S&amp;B Infrastructure, LTD.</b> Daniel O. Rios, P. E. 5408 North 10th Street McAllen, TX 78504 <a href="mailto:dorios@sbinfra.com">dorios@sbinfra.com</a> 956-926-5000	✓	✓			✓	✓	✓	✓	✓
#10	<b>HALFF ASSOCIATES, INC.</b> Robert L. Saenz, PE, CFM, PMP, Vice-President. 5000 West Military, Suite 100 McAllen, TX 78501 <a href="mailto:rsaenz@halff.com">rsaenz@halff.com</a> 956-664-0282	✓	✓			✓	✓	✓	✓	✓
#11	<b>Quintanilla, Headley &amp; Associates, Inc.</b> Alfonso Quintanilla, President 124 E. Stubbs Edinburg, TX 78539 <a href="mailto:alfonsoq@qhaengineering.com">alfonsoq@qhaengineering.com</a> 956-381-6480	✓								
#12	<b>Rio Delta Engineering</b> Gilbert J. Guerra, P.E., President 921 S. 10th Ave. Edinburg, TX 78539 <a href="mailto:riodelta2004@yahoo.com">riodelta2004@yahoo.com</a> 956-380-5152	✓								
#13	<b>Millennium Engineers Group, Inc.</b> Andres Palma, P.E./Office Manager P.O. Box 4569 Edinburg, TX 78540 <a href="mailto:rpalma@megengineers.com">rpalma@megengineers.com</a> <a href="mailto:apalma@megengineers.com">apalma@megengineers.com</a> 956-702-8500			✓	✓					
#14	<b>Terracon Consultants, Inc.</b> Jorge A. Flores, P.G., Principal/Office Manager 1506 Mid Cities Drive Pharr, TX 78577 <a href="mailto:Jorge.flores@terracon.com">Jorge.flores@terracon.com</a> 956-283-8254	✓		✓	✓		✓			
#15	<b>Melden &amp; Hunt, Inc.</b> Fred L. Kurth, President 115 W. McIntyre Street Edinburg, Texas 78541 <a href="http://www.meldenandhunt.com">www.meldenandhunt.com</a> <a href="mailto:fkurth@meldenandhunt.com">fkurth@meldenandhunt.com</a> 956-381-0981	✓								



# HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

## RFQ-2017 POOL OF ENGINEERING FIRMS

(with Areas of Specialization)

RFQ NO: HCDD1-17-008-03-01

DESCRIPTION: -

**“PROFESSIONAL ENGINEERING SERVICES POOL”**

POOL EFFECTIVE DATES:

START: March 8, 2017

END: March 7, 2018

No.	NAME OF FIRM / COMPANY	CIVIL ENGINEERING	STRUCTURAL ENGINEERING	GEOTECHNICAL ENGINEERING	CMT/CONSTRUCTION MATERIAL TESTING	MECHANICAL ENGINEERING	ENVIRONMENTAL ENGINEERING	ELECTRICAL ENGINEERING	HIGHWAY ENGINEERING	MEP ENGINEERING (Mech/Elect/Plumb)
#16	<b>R. Gutierrez Engineering Corporation</b> Ramiro Gutierrez, President 130 East Park Avenue Pharr, Texas 78577 <a href="mailto:rgutierrez@rgec.net">rgutierrez@rgec.net</a> 956-782-2557	✓							✓	
#17	<b>PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI)</b> Maria O. Scurry, P.E., Branch Manager 2020 North Loop 499, Suite 302 Harlingen, Texas 78550 <a href="http://www.psiusa.com">www.psiusa.com</a> <a href="mailto:maria.scurry@psiusa.com">maria.scurry@psiusa.com</a> 956-423-6826			✓	✓					
#18	<b>Jimenez Engineering Solutions, LLC DBA International Consulting Engineers ... (ICE)</b> Hugo P. Gonzalez, Jr. & Jesus J. Jimenez, -Principals/Project Managers P.O. Box 627 Corpus Christi, TX 785401 <a href="mailto:hugo@icengineers.net">hugo@icengineers.net</a> ; <a href="mailto:jj@icengineers.net">jj@icengineers.net</a> 361-329-5404 <a href="http://www.icengineers.net">www.icengineers.net</a>	✓	✓	✓	✓	✓	✓	✓	✓	✓
#19	<b>Dannenbaum Engineering Company-McAllen, LLC</b> Louis H. Jones, Jr., P.E. 1109 West Nolana Loop, Suite 208 McAllen, Texas 78504 <a href="mailto:Louis.jones@dannenbaum.com">Louis.jones@dannenbaum.com</a> 956-682-3677	✓	✓				✓		✓	
#20	<b>Strada Engineering and Consulting LLC</b> Oscar Cancino, P.E., President 511 N. 10th St # 366 McAllen TX. 78504 <a href="mailto:ocancino@rgv.rr.com">ocancino@rgv.rr.com</a> 956-638-0433	✓	✓			✓	✓	✓	✓	✓
#21	<b>Urban Infrastructure Group, Inc.</b> Craig Gonzalez, P.E. 407 N. Salinas, Blvd. PO Box 729 Donna, Texas 78537 <a href="http://www.uigtexas.com">www.uigtexas.com</a> <a href="mailto:cgonzalez@uigtexas.com">cgonzalez@uigtexas.com</a> 956-464-4710	✓				✓	✓	✓		✓



# HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

## RFQ-2017 POOL OF ENGINEERING FIRMS

(with Areas of Specialization)

RFQ NO: HCDD1-17-008-03-01

DESCRIPTION: - **“PROFESSIONAL ENGINEERING SERVICES POOL”**

POOL EFFECTIVE DATES: START: **March 8, 2017** END: **March 7, 2018**

No.	NAME OF FIRM / COMPANY	CIVIL ENGINEERING	STRUCTURAL ENGINEERING	GEOTECHNICAL ENGINEERING	CMT/CONSTRUCTION MATERIAL TESTING	MECHANICAL ENGINEERING	ENVIRONMENTAL ENGINEERING	ELECTRICAL ENGINEERING	HIGHWAY ENGINEERING	MEP ENGINEERING (Mech/Elec/Plumb)
#22	<b>South Texas Infrastructure Group, L.L.C.</b> Julio C. Cerda, P.E./President 900 S. Stewart Road, Suite #13 Mission, Texas 78572 <a href="mailto:julio@southtexasig.com">julio@southtexasig.com</a> 956-424-3335	✓							✓	
#23	<b>Cortran Engineering, PLLC</b> Yara M. Corbitt, P.E., CEO 3149-A Center Pointe Dr., Edinburg, TX 78539 <a href="mailto:yara@cortranengineering.com">yara@cortranengineering.com</a> 956-971-0289	✓							✓	
#24	<b>SAMES, Inc.</b> Saul Maldonado, President, Samuel Maldonado, Vice-President 200 S. 10th Street, Ste.1607 McAllen, Texas 78501 <a href="http://www.samengineering-surveying.com">www.samengineering-surveying.com</a> <a href="mailto:saul@samengineering-surveying.com">saul@samengineering-surveying.com</a> <a href="mailto:sam@samengineering-surveying.com">sam@samengineering-surveying.com</a> 956-702-8880	✓								
#25	<b>CSJ GROUP</b> <b>P.O. Box 3666</b> <b>Edinburg, TX 78540</b> Jose E. Saenz, Managing Partner 956-239-2984 <a href="mailto:eddiesaenz95@gmail.com">eddiesaenz95@gmail.com</a>	✓							✓	
#26	<b>Tetra Consultants, LLC</b> Steve Cruz, Owner 2015 Saginaw Avenue Edinburg, TX 78541 <a href="mailto:Steve.tetraconsultants@gmail.com">Steve.tetraconsultants@gmail.com</a> ; <a href="mailto:Chris.tetraconsultants@gmail.com">Chris.tetraconsultants@gmail.com</a> ; 956-605-9966	✓	✓	✓		✓			✓	✓
#27										
#28										

**AI -58822**

**10.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted For: Jaime Salazar

Submitted By: Moises Salazar, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Requesting approval of "Pool" of pre-qualified firms submitting Statements of Qualifications for ranking on an "As Needed Basis" per project by the Hidalgo County Drainage District No.1 for projects that require said services as set forth in the requirements stated in RFQ No. HCDD1-17-010-03-01 "Professional Real Estate Appraisal Services - Pool".

BACKGROUND

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Fiscal Impact

Attachments

2017 HCDD1 REAL ESTATE APPRAISAL SERVICES- POOL

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Moises Salazar		Started On: 03/03/2017 09:01 AM
Final Approval Date: 03/03/2017		



# HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

## RFQ TABULATION SHEET

### 2017 POOL -REAL ESTATE APPRAISAL SERVICES

RFQ NO: HCDD1-17-010-03-01

DESCRIPTION: - “PROFESSIONAL REAL ESTATE APPRAISAL SERVICES POOL”

DUE DATE & TIME: Wednesday, March 1, 2017 at 9:30 a.m.

POOL EFFECTIVE DATES: START: March 8, 2017                      END: March 7, 2018

No.	NAME OF FIRM / COMPANY	RECEIPT CONFIRMATION	(1) Original	(3) Copies	(1) CD	
#1	<b>Professional Appraisal Services, Inc</b> John H. Malcom, Jr., MAI, AI-GRS, SR/WA, CCIM. President P.O. Box 3722 McAllen, Texas 78502 Phone 956 687-9535 Fax 956 687-9539 <a href="mailto:jmalcom@proappraisal.com">jmalcom@proappraisal.com</a>	✓	✓	✓	✓	
#2	<b>George J. Salazar II, dba Appraisal Haus</b> George J. Salazar II, Certified General Appraiser, Owner 502 West Kuhn Street Edinburg, Texas 78541 956-386-1500 Office 956-867-6398 Mobile <a href="mailto:jaimosalazar@appraisalhaus.org">jaimosalazar@appraisalhaus.org</a> ;	✓	✓	✓	✓	
#3	<b>Leonel Garza Jr. &amp; Associates, LLC</b> Leonel Garza, III/ Owner 1419 Dove, Suite 1 McAllen, Texas 78504 956-687-7295 <a href="mailto:almaq@garza-associates.com">almaq@garza-associates.com</a> ; <a href="mailto:leonel3@garza-associates.com">leonel3@garza-associates.com</a> ;	✓	✓	✓	✓	
#4						
#5						

**AI -58819**

**11.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted For: Jaime Salazar

Submitted By: Moises Salazar, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Requesting approval of "Pool" of pre-qualified firms submitting Statements of Qualifications for ranking on an "As Needed Basis" per project by the Hidalgo County Drainage District No.1 for projects that require said services as set forth in the requirements stated in RFQ No. HCDD1-17-009-03-01 "Professional Surveying Services - Pool".

BACKGROUND

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Fiscal Impact

Attachments

2017 Pool of Professional Surveying Services

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Moises Salazar		Started On: 03/03/2017 08:21 AM
Final Approval Date: 03/03/2017		



# HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

## RFQ-2017 POOL OF PROFESSIONAL SURVEYING SERVICES

RFQ NO: HCDD1-17-009-03-01

<b>DESCRIPTION: -</b>	<b><u>“PROFESSIONAL SURVEYING SERVICES POOL”</u></b>
<b>DUE DATE &amp; TIME:</b>	Wednesday, March 1, 2017 at 9:30 a.m.
<b>POOL EFFECTIVE DATES:</b>	START: <b><u>March 8, 2017</u></b> END: <b><u>March 7, 2018</u></b>

No.	NAME OF FIRM / COMPANY	RECEIPT CONFIRMATION	(1) Original	(3) Copies	(1) CD
#1	<b>TEDSI INFRASTRUCTURE GROUP</b> Mark W. Lupher, Executive Vice President 1201 E. Expressway 83 Mission, Texas 78572 <a href="mailto:mlupher@tedsi.com">mlupher@tedsi.com</a> Tel: 956.424.7898 Ext.: 103 Fax: 956.424.7022 <a href="http://www.teds.com">www.teds.com</a> ; <a href="mailto:cgarza@tedsi.com">cgarza@tedsi.com</a>	✓	✓	✓	✓
#2	<b>GUZMAN &amp; MUNOZ ENGEENIRING &amp; SURVEYING, INC.</b> Jose L. Muñoz, P.E., S.I.T., President 2020 E. Expressway 83 Mercedes, Texas 78570 (P) 956-565-4637 (F) 956-565-4636 <a href="mailto:jmunoz@gmes.biz">jmunoz@gmes.biz</a>	✓	✓	✓	✓
#3	<b>HALFF ASSOCIATES, INC.</b> Raul Garcia, Jr., PE, CFM, Senior Project Manager 5000 West Military, Suite 100 McAllen, TX 78503-7446 956-664-0286 Fax: 956-664-0282 O: (956) 445-5219 <a href="mailto:rgarcia@halff.com">rgarcia@halff.com</a> <a href="mailto:cVillarreal@Halff.com">cVillarreal@Halff.com</a>	✓	✓	✓	✓
#4	<b>Quintanilla, Headley &amp; Associates, Inc.</b> Alfonso Quintanilla, PE, RPLS, President 124 E. Stubbs Edinburg, TX 78539 Phone (956) 381-6480 Fax (956) 381-0527 <a href="mailto:alfonsoq@qhaengineering.com">alfonsoq@qhaengineering.com</a> ; <a href="mailto:lalor@qhaengineering.com">lalor@qhaengineering.com</a> <a href="http://blancam@qhaengineering.com">blancam@qhaengineering.com</a>	✓	✓	✓	✓
#5	<b>Rio Delta Engineering</b> Gilbert J. Guerra, P.E., President 921 S. 10th Ave. Edinburg, TX 78539 309 N. Corpus St. Phone: (956)380-5153 Fax: (956) 380-5083 <a href="mailto:riodelta2004@yahoo.com">riodelta2004@yahoo.com</a>	✓	✓	✓	✓



# HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

## RFQ-2017 POOL OF PROFESSIONAL SURVEYING SERVICES

RFQ NO: HCDD1-17-009-03-01

<b>DESCRIPTION: -</b>	<b><u>“PROFESSIONAL SURVEYING SERVICES POOL”</u></b>
<b>DUE DATE &amp; TIME:</b>	Wednesday, March 1, 2017 at 9:30 a.m.
<b>POOL EFFECTIVE DATES:</b>	START: <b><u>March 8, 2017</u></b> END: <b><u>March 7, 2018</u></b>

No.	NAME OF FIRM / COMPANY	RECEIPT CONFIRMATION	(1) Original	(3) Copies	(1) CD
#6	<b>CVQ Land Surveyors, LLC</b> Carlos Vasquez, R.P.L.S., President 517 Beaumont Ave. McAllen, TX 78501 (956) 618-1551 Fax: 956-618-1547 <a href="mailto:cvq@cvqls.com">cvq@cvqls.com</a>	✓	✓	✓	✓
#7	<b>Melden &amp; Hunt, Inc.</b> Fred L. Kurth, P.E., R.P.L.S., President 115 W. McIntyre Street Edinburg, Texas 78541  www.meldenandhunt.com P: 956.381.0981 M: 956.607.1448 F: 956.381.1839 <a href="mailto:fkurth@meldenandhunt.com">fkurth@meldenandhunt.com</a> ; <a href="mailto:mike@meldenandhunt.com">mike@meldenandhunt.com</a> ;	✓	✓	✓	✓
#8	<b>R. Gutierrez Engineering Corporation</b> Ramiro Gutierrez, President 130 East Park Avenue Pharr, Texas 78577 (956)782-2557 Fax: 956-782-2557 <a href="mailto:rgutierrez@rgec.net">rgutierrez@rgec.net</a> ; <a href="mailto:javier@rgec.net">javier@rgec.net</a>	✓	✓	✓	✓
#9	<b>Dannenbaum Engineering Company-McAllen, LLC</b> Louis H. Jones, Jr., P.E., Principal-in-Charge 1109 West Nolana Loop, Suite 208 McAllen, Texas 78504 Office (956) 682-3677 Fax: (956) 686-1822 Direct: (956) 429-0540 <a href="mailto:louis.jones@dannenbaum.com">louis.jones@dannenbaum.com</a> <a href="mailto:mirna.santana@dannenbaum.com">mirna.santana@dannenbaum.com</a>	✓	✓	✓	✓
#10	<b>Juan M Castillo dba JMC Surveying</b> Juan M. Castillo, R.P.L.S., Survey Manager 2621 Northgate Ln McAllen Tx. 78504 Cell 956-598-2424 <a href="mailto:juancastillo@jmcrgvsurveying.com">juancastillo@jmcrgvsurveying.com</a>	✓	✓	✓	✓



# HIDALGO COUNTY DRAINAGE DISTRICT NO. 1

## RFQ-2017 POOL OF PROFESSIONAL SURVEYING SERVICES

RFQ NO: HCDD1-17-009-03-01

DESCRIPTION: -	<b><u>“PROFESSIONAL SURVEYING SERVICES POOL”</u></b>
DUE DATE & TIME:	Wednesday, March 1, 2017 at 9:30 a.m.
POOL EFFECTIVE DATES:	START: <b><u>March 8, 2017</u></b> END: <b><u>March 7, 2018</u></b>

No.	NAME OF FIRM / COMPANY	RECEIPT CONFIRMATION	(1) Original	(3) Copies	(1) CD
#11	<b>R.O.W. Surveying Services, L.L.C.</b> Julio C. Cerda 900 S. Stewart Road, Suite #13 Mission, Texas 78572 Office No. (956) 424-3335 Fax No. (956) 424-3132 <a href="mailto:julio@southtexasig.com">julio@southtexasig.com</a> ; <a href="mailto:esther@rowsurveying.com">esther@rowsurveying.com</a>	✓	✓	✓	✓
#12	<b>SAMES, Inc.</b> Samuel Maldonado, PE, RPLS, Vice-President 200 S. 10th Street, Ste.1607 McAllen, Texas 78501 <a href="http://www.samengineering-surveying.com">www.samengineering-surveying.com</a> 956.702.8880 office 956.702.8883 fax <a href="mailto:sam@samengineering-surveying.com">sam@samengineering-surveying.com</a> <a href="mailto:aaron@samengineering-surveying.com">aaron@samengineering-surveying.com</a>	✓	✓	✓	✓

AI -58852

12.

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted For: Jaime Salazar

Submitted By: Moises Salazar, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

Information

CAPTION

Authority to advertise and approval of plans and specifications developed by project engineer, Urban Infrastructure Group, for: Hidalgo County Drainage District No. 1 -"HIDALGO COUNTY PRECINCT NO. 1 MILE 13 1/2 N. RD & FM 1015 AREA DRAINAGE IMPROVEMENTS PROJECT PHASES 2 & 3" -RFB No. HCDD1-17-015-03-29, including the re-advertising of projects in the event no Bid responses are received and/or are rejected and project is still required.

BACKGROUND

Proposed Schedule of Events:

No.	Event	Date
1	Bid Advertisements	03/11/17 & 03/18/17
2	Pre-Bid Conference	03/20/17 @ 3:00 PM
3	<b>Bid Openings</b>	03/29/17 @ 9:30 AM

Fiscal Impact

Attachments

*No file(s) attached.*

**Form Review**

**Inbox**

**Reviewed By**

**Date**

Final Approval

Monica Badillo

03/03/2017 05:18 PM

Form Started By: Moises Salazar

Started On: 03/03/2017 04:03 PM

Final Approval Date: 03/03/2017

**AI -58837**

**13.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted For: Claudette Guerrero

Submitted By: Claudette Guerrero,  
DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

---

Information

CAPTION

Request approval of the following items:

2013 Bonds

Budget: 300- J09 Drain

A. Application for Payment No. 5 in the amount of \$28,965.60 from Texas Cordia Construction, LLC pertaining to Construction Contract No. HCDD1-16-006-04-26 J09 Drain Improvements Phase II Construction Rio Grande Care Rd to North Main Drain.

Project Engineer: Jose Sanchez, P.E.- Tedsi Infrastructure Group  
PO#629475

Budget: 365-Rural Drainage Development Pct.1

B. Acceptance of Certificate of Construction Completion pertaining to Construction Contract No. HCDD1-16-031A-08-09 Mile 6 West & Mile 14 North Area Drainage Improvement Project.

C. Application for Retainage Release in the amount of \$52,991.30 from Jimenez Engineering Solutions, LLC dba International Consulting Engineers (ICE) pertaining to Construction Contract No. HCDD1-16-031A-08-09 Mile 6 West & Mile 14 North Area Drainage Improvement Project.

Project Engineer: George Gonzalez, P.E. -Hidalgo County Drainage District No. 1  
PO#630318

BACKGROUND

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Fiscal Impact

Attachments

TXCORDIA PMT#5-J09

ICE-Retainage Release-Mile 6 & Mile 14N

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## Form Review

**Inbox****Reviewed By****Date**

Final Approval

Monica Badillo

03/03/2017 05:18 PM

Form Started By: Claudette Guerrero

Started On: 03/03/2017 10:40 AM

Final Approval Date: 03/03/2017



# Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

## Invoice Processing Routing Slip Invoice/ Backup

Date Received: 1/27/2017

Engineer/Firm Name: Texas Cordia Construction, LLC

Project Name/Number: J-09 Drain Phase II -Rio Grande Care to N. Main Drain

Invoice No.: Pay Application No. 5

Invoice Date: 1/19/2017

Due Date: 2/26/2017

Purchase Order No.: N/A

Amount: \$28,965.60

Total # of Pages Submitted: 33

Attachments:  CD  USB  Plans Other: \_\_\_\_\_

Engineering:

Construction:

Received By: Maria Perez

### Forwarded to:

Nora D. Cavazos \_\_\_\_\_ Date: \_\_\_\_\_

Esther Layton \_\_\_\_\_ Date: \_\_\_\_\_

Claudette Guerrero \_\_\_\_\_ Date: \_\_\_\_\_

Jose N. Saldivar \_\_\_\_\_ Date: \_\_\_\_\_

Lora Briones \_\_\_\_\_ Date: \_\_\_\_\_

Additional Comments: Contract No. HCDD1-16-006-04-16

JAN 27 2017

4:08 AM PM

BY: [Signature]



**APPLICATION FOR PAYMENT NO. 5**

To: Hidalgo County Drainage District No. 1 (OWNER)  
From: Texas Cordia Construction, LLC (CONTRACTOR)  
Contract: HCDD1-16-006-04-26  
Project: J-09 Drain Improvements Phase II Construction Rio Grande Care Rd to North Main Drain  
Owner's Contract No. HCDD1-16-006-04-26 Engineer's Project No. \_\_\_\_\_  
For Work accomplished through the date of: December 28, 2016

1. Original Contract Price:	\$	615,970.00
2. Net change by Change Order and Written Agreements(+or-):	\$	143,313.40
3. Current Contract Price (1 plus 2):	\$	759,283.40
4. Total completed and stored to date:	\$	663,102.00
5. Retainage (per Agreement):		
10% of completed Work:	\$	66,310.20
10% of stored material	\$	-
Total Retainage:	\$	66,310.20
6. Total completed and stored to date less retainage (4 minus 5)	\$	596,791.80
7. Less previous Application for Payments:	\$	567,826.20
8. AMOUNT DUE THIS APPLICATION (6 MINUS 7)	\$	28,965.60

**Accompanying Documentation:**

**CONTRACTOR'S Certification:**

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certification for Payment were issued and payments received from the Owner, and that current payment shown therein is now due.

**CONTRACTOR:**

BY: Texas Cordia Construction, LLC

[Signature], PE

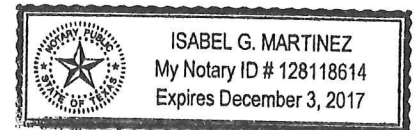
State of Texas  
County of Hidalgo

Subscribed and sworn to before me this 18<sup>th</sup> day of January, 2017

Notary Public

[Signature]

My Commission expires: 12/3/17



**CERTIFICATE FOR PAYMENT:**

In accordance with Contract Documents, base on on-site observations and the data comprising application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ 28,965.60

(Attached explanation if amount certified differs from the amount applied for. Initial all figures on this application and on the Continuation sheet are changed to conform to the amount certified)

**ENGINEER:**

By: [Signature]  
Project Engineer

Date: 01/19/2017

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner of Contractor under this Contract.

**BOARD:**

Board of Director's Meeting: \_\_\_\_\_

Ramon Garcia, Chairman of the Board



**Contract Time Statement**

Pay Request 5 Contractor: Texas Cordia Construction, LCC  
 Project No. HCDD1-16-006-04 City: Edinburg, TX Date: 12/29/16  
 Time Computed From: 07/06/16 Date Work Completed: \_\_\_\_\_

Month	Date or Days	Working Days	Days Credited	Description
				NTP ISSUED 06/27/16
AP1				First work day 10 days later = 07-06-2016
July	6-28	23		
AP2				
July	29-31	3		
Aug	1-26	26	1	Rain Day Too Wet to Work (Aug 16)
AP3				
Aug	27-31	5	1	Rain Day Too Wet to Work (Aug 31)
Sept	1-30	30	5	Rain Day Too Wet to Work (Sept 3, 4, 5, 22, 26)
AP4				
Oct	1-28	28	1	Rain Day Too Wet to Work (Oct 21)
AP5				
Oct	29-31	3		
Nov	1-8	8	1	Rain Day Too Wet to Work (Nov 8)
Nov	9-30	22		
Dec	1-22	22		
Dec	23-28	6		
Totals				

No. of Contract Calendar Days: 185 No. of Calendar Days Charged To Date: 167  
 Assessed Liquidated Damages: No. Days 0 Per Day \$ \$150.00 Total \$ \_\_\_\_\_  
 Certified As Correct (One Copy Has Been Given To The Contractor) \_\_\_\_\_  
 \_\_\_\_\_ Engineer

Instructions: Project Identification should cover contract. Time credited and reasons therefore must conform to provisions of contract. No Holiday credit allowed for days preceding or following legal holidays. Time Suspended and resumed must be supported by copy each of letters to contractor dated on or before effective dates. Time extension must be indicated and referenced to related provision of contract.

Texas Cordia Construction, LLC  
 7/7/2016  
 12/18/2016  
 J-09 Drain Improvements Phase II Construction Rio Grande Care Rd to North Main Drain

Contractor Name  
 Starting Date  
 Project Ending Date  
 Engineer's / County Project Description

Application No.: 5  
 Application Date: 12/28/2016  
 Period To: 12/28/2016  
 Engineer's / County Project No.: HCDD1-16-006-04-26

Item No.	Description	Unit	Original Schedule Value			Revised Schedule Value			Material		RFP 1		RFP 2		RFP 3		RFP 4		RFP 5		Total to Date	Balance To Finish						
			Rates	Quan	Dollars	Rates	Quan	Dollars	QTY to Date	Item Cost	Item Cost (Total)	MON 1 Quan	QTY to Date	Item Cost (Monthly)	MON 2 Quan	QTY to Date	Item Cost (Monthly)	MON 3 Quan	QTY to Date	Item Cost (Monthly)		MON 4 Quan	QTY to Date	Item Cost (Monthly)	MON 5 Quan	QTY to Date	Item Cost (Monthly)	Quan
<b>BASE BID</b>																												
311000	PREPARING ROW	STA	\$ 990.00	8.00	\$ 7,920.00			\$ -			8.00	8.00	\$ 7,920.00			8.00	\$ -			8.00	\$ -			8.00	\$ -	\$ 7,920.00	-	\$ -
351000	EXCAVATION (CHANNEL)	CY	\$ 3.50	16232.00	\$ 56,812.00			\$ -			7546.00	7546.00	\$ 26,411.00			7,546.00	\$ -			7,546.00	\$ -			7,546.00	\$ -	\$ 26,411.00	8,686.00	\$ 30,401.00
313200	EMBANKMENT (FINAL)(ORD COMP)(TY D)	CY	\$ 4.50	226.00	\$ 1,017.00			\$ -				0.00	\$ -			0.00	\$ -			226.00	226.00	\$ 1,017.00		226.00	\$ -	\$ 1,017.00	-	\$ -
316400	CELL FBR MLCH SEED (PERM)(RURAL)(CLAY)	STA	\$ 3,500.00	8.00	\$ 28,000.00			\$ -				0.00	\$ -			0.00	\$ -				0.00	\$ -		0.00	\$ -	\$ -	8.00	\$ 28,000.00
502000	FL BS (CMP IN PLC)(TY E GR 4)(FINAL POS)	CY	\$ 40.00	93.00	\$ 3,720.00			\$ -				0.00	\$ -			93.00	\$ -			93.00	\$ -			93.00	\$ -	\$ 3,720.00	-	\$ -
502500	CUT & RESTORING PAV	SY	\$ 40.00	318.00	\$ 12,720.00			\$ -				0.00	\$ -			318.00	\$ -			318.00	\$ -			318.00	\$ -	\$ 12,720.00	-	\$ -
0423-6005	RETAINING WALL (SPREAD FOOTING)	EA	\$ 30,000.00	1.00	\$ 30,000.00			\$ -				0.00	\$ -	0.45	0.45	\$ 13,500.00		0.55	1.00	\$ 16,500.00				1.00	\$ -	\$ 30,000.00	-	\$ -
0432-6007	RIP RAP (CONC)(CL C)	CY	\$ 315.00	193.00	\$ 60,795.00			\$ -				193.00	193.00	\$ 60,795.00			193.00	\$ -		193.00	\$ -			193.00	\$ -	\$ 60,795.00	-	\$ -
0464-6038	RC PIPE (CL III)(18 IN)(SPL)	LF	\$ 42.00	96.00	\$ 4,032.00			\$ -				0.00	\$ -	96.00	\$ -	96.00	\$ 4,032.00			96.00	\$ -			96.00	\$ -	\$ 4,032.00	-	\$ -
0464-6039	RC PIPE (CL III)(24 IN)(SPL)	LF	\$ 54.00	172.00	\$ 9,288.00			\$ -				172.00	172.00	\$ 9,288.00			172.00	\$ -		172.00	\$ -			172.00	\$ -	\$ 9,288.00	-	\$ -
609600	REMOV STR (PIPE)	LF	\$ 11.00	220.00	\$ 2,420.00			\$ -				220.00	220.00	\$ 2,420.00			220.00	\$ -		220.00	\$ -			220.00	\$ -	\$ 2,420.00	-	\$ -
15700	ROCK FILTER DAMS (INSTALL)(TY 2)	LF	\$ 9.00	300.00	\$ 2,700.00			\$ -				30.00	30.00	\$ 270.00			30.00	\$ -		30.00	\$ -			30.00	\$ -	\$ 270.00	270.00	\$ 2,430.00
15700	ROCK FILTER DAMS (REMOVE)	LF	\$ 2.00	300.00	\$ 600.00			\$ -				0.00	\$ -			0.00	\$ -			0.00	\$ -			0.00	\$ -	\$ -	300.00	\$ 600.00
5030-6005	DRIVEWAYS (ACP)	SY	\$ 50.00	96.00	\$ 4,800.00			\$ -				0.00	\$ -			96.00	\$ -			96.00	\$ 4,800.00			96.00	\$ -	\$ 4,800.00	-	\$ -
0556-6007	PIPE UNDERDRIANS (TY 7)(6")	LF	\$ 80.00	26.00	\$ 2,080.00			\$ -				0.00	\$ -			0.00	\$ -		26.00	26.00	\$ 2,080.00			26.00	\$ -	\$ 2,080.00	-	\$ -
0556-6008	PIPE UNDERDRIANS (TY 8)(6")	LF	\$ 84.00	100.00	\$ 8,400.00			\$ -				0.00	\$ -	100.00	100.00	\$ 8,400.00			100.00	\$ -			100.00	\$ -	\$ 8,400.00	-	\$ -	
0760-6001	DITCH CLEANING AND RESHAPING (FOOT)	LF	\$ 18.00	220.00	\$ 3,960.00			\$ -				0.00	\$ -			0.00	\$ -		220.00	220.00	\$ 3,960.00			220.00	\$ -	\$ 3,960.00	-	\$ -
602000	CONCRETE WALL	CY	\$ 660.00	4.00	\$ 2,640.00			\$ -				0.00	\$ -			0.00	\$ -			0.00	\$ -			0.00	\$ -	\$ -	4.00	\$ 2,640.00
606500	DROP INLET - 18" RCP	EA	\$ 2,000.00	6.00	\$ 12,000.00			\$ -				0.00	\$ -			6.00	\$ -		6.00	\$ 12,000.00				6.00	\$ -	\$ 12,000.00	-	\$ -
606500	DROP INLET - 24" RCP	EA	\$ 2,100.00	2.00	\$ 4,200.00			\$ -				0.00	\$ -	2.00	2.00	\$ 4,200.00			2.00	\$ -				2.00	\$ -	\$ 4,200.00	-	\$ -
606800	SLUICE GATE - 60" PIPE	EA	\$ 2,000.00	1.00	\$ 2,000.00			\$ -				0.00	\$ -			0.00	\$ -		0.50	0.50	\$ 1,000.00			0.50	\$ -	\$ 1,000.00	0.50	\$ 1,000.00
<b>SUBTOTAL BASE BID</b>					\$ 260,104.00			\$ -				\$ 107,104.00			\$ 30,132.00			\$ 49,740.00			\$ 8,057.00			\$ -	\$ 195,033.00		\$ 65,071.00	
<b>ALTERNATE BID NO. 1</b>																												
311000	PREPARING ROW	STA	\$ 1,350.00	6.00	\$ 8,100.00			\$ -			3.00	3.00	\$ 4,050.00			3.00	\$ -			6.00	\$ -			6.00	\$ -	\$ 8,100.00	-	\$ -
351000	EXCAVATION (CHANNEL)	CY	\$ 4.00	5619.00	\$ 22,476.00			\$ -			1623.00	1623.00	\$ 6,492.00			1,623.00	\$ -			1,623.00	\$ -			1,623.00	\$ -	\$ 6,492.00	3,996.00	\$ 22,476.00
313200	EMBANKMENT (FINAL)(ORD COMP)(TY D)	CY	\$ 5.00	234.00	\$ 1,170.00			\$ -				0.00	\$ -			0.00	\$ -		234.00	234.00	\$ 1,170.00			234.00	\$ -	\$ 1,170.00	-	\$ -
316400	CELL FBR MLCH SEED (PERM)(RURAL)(CLAY)	STA	\$ 3,000.00	6.00	\$ 18,000.00			\$ -				0.00	\$ -			0.00	\$ -			0.00	\$ -			0.00	\$ -	\$ -	6.00	\$ 18,000.00
502500	CUT & RESTORING PAV	SY	\$ 55.00	168.00	\$ 9,240.00			\$ -				0.00	\$ -	84.00	84.00	\$ 4,620.00			84.00	\$ -			84.00	\$ -	\$ 4,620.00	84.00	\$ 4,620.00	
0432-6007	RIPRAP (CONC)(CL C)	CY	\$ 300.00	127.00	\$ 38,100.00			\$ -				0.00	\$ -			127.00	\$ 38,100.00			127.00	\$ -			127.00	\$ -	\$ 38,100.00	-	\$ -
0462-6007	CONC BOX CULV (5 FT X 3 FT)	LF	\$ 430.00	312.00	\$ 134,160.00			\$ -				0.00	\$ -	312.00	312.00	\$ 134,160.00			312.00	\$ -				312.00	\$ -	\$ 134,160.00	-	\$ -
606400	RC PIPE (CL III)(18 IN)(SPL)	LF	\$ 40.00	96.00	\$ 3,840.00			\$ -				0.00	\$ -	96.00	96.00	\$ 3,840.00			96.00	\$ -			96.00	\$ -	\$ 3,840.00	-	\$ -	
606400	RC PIPE (CL III)(24 IN)(SPL)	LF	\$ 52.00	120.00	\$ 6,240.00			\$ -				120.00	120.00	\$ 6,240.00			120.00	\$ -		120.00	\$ -			120.00	\$ -	\$ 6,240.00	-	\$ -
015700	ROCK FILTER DAMS (INSTALL)(TY 2)	LF	\$ 10.00	150.00	\$ 1,500.00			\$ -				30.00	30.00	\$ 300.00			30.00	\$ -		30.00	\$ -			30.00	\$ -	\$ 300.00	120.00	\$ 1,200.00
015700	ROCK FILTER DAMS (REMOVE)	LF	\$ 4.00	150.00	\$ 600.00			\$ -				0.00	\$ -			0.00	\$ -			0.00	\$ -			0.00	\$ -	\$ -	150.00	\$ 600.00
0530-6005	DRIVEWAYS (ACP)	SY	\$ 50.00	96.00	\$ 4,800.00			\$ -				0.00	\$ -			0.00	\$ -		96.00	96.00	\$ 4,800.00			96.00	\$ -	\$ 4,800.00	-	\$ -
0760-6001	DITCH CLEANING AND RESHAPING (FOOT)	LF	\$ 20.00	220.00	\$ 4,400.00			\$ -				0.00	\$ -			0.00	\$ -		220.00	220.00	\$ 4,400.00			220.00	\$ -	\$ 4,400.00	-	\$ -
606500	DROP INLET - 18" RCP	EA	\$ 2,000.00	4.00	\$ 8,000.00			\$ -				0.00	\$ -			4.00	\$ 8,000.00			4.00	\$ -			4.00	\$ -	\$ 8,000.00	-	\$ -
606500	DROP INLET - 24" RCP	EA	\$ 2,200.00	2.00	\$ 4,400.00			\$ -				0.00	\$ -	2.00	2.00	\$ 4,400.00			2.00	\$ -				2.00	\$ -	\$ 4,400.00	-	\$ -
	IRRIGATION SIPHON - 18" TO 36" DIAMETER	EA	\$ 5,000.00	1.00	\$ 5,000.00			\$ -				0.00	\$ -			0.00	\$ -			0.00	\$ -			0.00	\$ -	\$ -	1.00	\$ 5,000.00
<b>SUBTOTAL ALTERNATE BID NO. 1</b>					\$ 270,026.00			\$ -				\$ 17,082.00			\$ 146,670.00			\$ 50,500.00			\$ 5,570.00			\$ -	\$ 20,784.00	\$ 240,606.00		\$ 29,420.00
<b>ALTERNATE BID NO. 2</b>																												
606400	RC PIPE (CL III)(48 IN)(SPL)	LF	\$ 260.00	168.00	\$ 43,680.00			\$ -				168.00	168.00	\$ 43,680.00			168.00	\$ -		168.00	\$ -			168.00	\$ -	\$ 43,680.00	-	\$ -
606400	RC PIPE (CL III)(60 IN)(SPL)	LF	\$ 310.00	136.00	\$ 42,160.00			\$ -				136.00	136.00	\$ 42,160.00			136.00	\$ -		136.00	\$ -			136.00	\$ -	\$ 42,160.00	-	\$ -
<b>SUBTOTAL ALTERNATE BID NO. 2</b>					\$ 85,840.00			\$ -				\$ 85,840.00			\$ -			\$ -		\$ -				\$ -	\$ -	\$ 85,840.00		\$ -

Texas Cordia Construction, LLC

7/7/2016

12/18/2016

J-09 Drain Improvements Phase II Construction Rio Grande Care Rd to North Main Drain

Contractor Name

Starting Date

Project Ending Date

Engineer's / County Project Description

Application No.: 5

Application Date: 12/28/2016

Period To: 12/28/2016

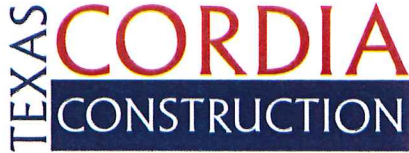
Engineer's / County Project No.: HCDD1-16-006-04-26

Item No.	Description	Unit	Original Schedule Value			Revised Schedule Value			Material		RFP 1		RFP 2		RFP 3		RFP 4		RFP 5		Total to Date	Balance To Finish						
			Rates	Quan	Dollars	Rates	Quan	Dollars	QTY to Date	Item Cost	Item Cost (Total)	MON 1 Quan	QTY to Date	Item Cost (Monthly)	MON 2 Quan	QTY to Date	Item Cost (Monthly)	MON 3 Quan	QTY to Date	Item Cost (Monthly)		MON 4 Quan	QTY to Date	Item Cost (Monthly)	MON 5 Quan	QTY to Date	Item Cost (Monthly)	Quan
<b>CHANGE ORDRE NO. 1</b>																												
1	30" RUBBER GASKET RCP CLASS III	LF			\$ -	\$ 86.00	680.00	\$ 58,480.00				0.00	\$ -		0.00	\$ -		0.00	\$ -	680.00	680.00	\$ 58,480.00		680.00	\$ -	\$ 58,480.00	-	\$ -
2	24" RUBBER GASKET RCP CLASS III	LF			\$ -	\$ 51.30	195.00	\$ 10,003.50				0.00	\$ -		0.00	\$ -		0.00	\$ -	195.00	195.00	\$ 10,003.50		195.00	\$ -	\$ 10,003.50	-	\$ -
3	18" RUBBER GASKET RCP CLASS III	LF			\$ -	\$ 48.00	70.00	\$ 3,360.00				0.00	\$ -		0.00	\$ -		0.00	\$ -	70.00	70.00	\$ 3,360.00		70.00	\$ -	\$ 3,360.00	-	\$ -
4	TYPE "C-C" INLET W/30" GATE	EA			\$ -	\$ 6,000.00	1.00	\$ 6,000.00				0.00	\$ -		0.00	\$ -		0.00	\$ -	1.00	1.00	\$ 6,000.00		1.00	\$ -	\$ 6,000.00	-	\$ -
5	TYPE "C" INLET	EA			\$ -	\$ 4,600.00	2.00	\$ 9,200.00				0.00	\$ -		0.00	\$ -		0.00	\$ -	1.00	1.00	\$ 4,600.00		1.00	\$ -	\$ 4,600.00	1.00	\$ 4,600.00
6	CONCRETE COLLAR	EA			\$ -	\$ 5,800.00	1.00	\$ 5,800.00				0.00	\$ -		0.00	\$ -		0.00	\$ -	1.00	1.00	\$ 5,800.00		1.00	\$ -	\$ 5,800.00	-	\$ -
7	CUT & RESTORE PAVEMENT (BASE BID ITEM 50 25 00)	SY			\$ -	\$ 126.00	22.00	\$ 2,772.00				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	22.00	\$ 2,772.00
8	DRIVEWAYS (ACP) (BASE BID ITEM 0530-6005)	SY			\$ -	\$ 36.00	23.00	\$ 828.00				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	23.00	\$ 828.00
9	DRIVEWAYS (CONCRETE)	SY			\$ -	\$ 202.00	12.00	\$ 2,424.00				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	12.00	\$ 2,424.00
10	CONCRETE BOLLARDS	EA			\$ -	\$ 1,400.00	4.00	\$ 5,600.00				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	4.00	\$ 5,600.00
11	EROSION AND SEDIMENT CONTROL STRUCTUREAL PRACTICES TO COMPLY WITH COUNTY AND TCEQ REQUIREMENTS FOR STROM WATER POLLUTION PREVENTON	LS			\$ -	\$ 3,400.00	1.00	\$ 3,400.00				0.00	\$ -		0.00	\$ -		0.00	\$ -	1.00	1.00	\$ 3,400.00		1.00	\$ -	\$ 3,400.00	-	\$ -
SUBTOTAL CHANGE ORDER NO. 1					\$ -		\$ 107,867.50			\$ -		\$ -		\$ -		\$ -		\$ -			\$ 91,643.50		\$ -		\$ 91,643.50		\$ 16,224.00	
<b>CHANGE ORDRE NO. 2</b>																												
1	30" RUBBER GASKET RCP CLASS III	LF			\$ -	\$ 86.00	36.00	\$ 3,096.00				0.00	\$ -		0.00	\$ -		0.00	\$ -	36.00	36.00	\$ 3,096.00		36.00	\$ -	\$ 3,096.00	-	\$ -
2	RC PIPE (CL III)(24 IN)(SPL)	LF			\$ -	\$ 51.30	-5.00	\$ (256.50)				0.00	\$ -		0.00	\$ -		0.00	\$ -	-5.00	-5.00	\$ (256.50)		-5.00	\$ -	\$ (256.50)	-	\$ -
3	RC PIPE (CL III)(18 IN)(SPL)	LF			\$ -	\$ 48.00	-70.00	\$ (3,360.00)				0.00	\$ -		0.00	\$ -		0.00	\$ -	-70.00	-70.00	\$ (3,360.00)		-70.00	\$ -	\$ (3,360.00)	-	\$ -
4	TYPE "C" INLET	EA			\$ -	\$ 4,600.00	-1.00	\$ (4,600.00)				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	(1.00)	\$ (4,600.00)
5	CUT & RESTORE PAVEMENT (BASE BID ITEM 50 25 00)	SY			\$ -	\$ 126.00	-22.00	\$ (2,772.00)				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	(22.00)	\$ (2,772.00)
6	DRIVEWAYS (ACP)	SY			\$ -	\$ 36.00	-23.00	\$ (828.00)				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	(23.00)	\$ (828.00)
7	DRIVEWAYS (CONCRETE)	SY			\$ -	\$ 202.00	-12.00	\$ (2,424.00)				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	(12.00)	\$ (2,424.00)
8	MANHOLE 60"	EA			\$ -	\$ 10,000.00	2.00	\$ 20,000.00				0.00	\$ -		0.00	\$ -		0.00	\$ -	2.00	2.00	\$ 20,000.00		2.00	\$ -	\$ 20,000.00	-	\$ -
9	MANHOLE 48"	EA			\$ -	\$ 9,600.00	1.00	\$ 9,600.00				0.00	\$ -		0.00	\$ -		0.00	\$ -	1.00	1.00	\$ 9,600.00		1.00	\$ -	\$ 9,600.00	-	\$ -
10	CONCRETE COLLAR 30" RCP	EA			\$ -	\$ 9,500.00	1.00	\$ 9,500.00				0.00	\$ -		0.00	\$ -		0.00	\$ -	1.00	1.00	\$ 9,500.00		1.00	\$ -	\$ 9,500.00	-	\$ -
SUBTOTAL CHANGE ORDER NO. 2					\$ -		\$ 27,955.50			\$ -		\$ -		\$ -		\$ -		\$ -			\$ 38,579.50		\$ -		\$ 38,579.50		\$ (10,624.00)	
<b>CHANGE ORDRE NO. 3</b>																												
1	30" RUBBER GASKET RCP CLASS III	LF			\$ -	\$ 86.00	8.00	\$ 688.00				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	8.00	\$ 688.00
2	8" CONCRETE WING WALL	LS			\$ -	\$ 28,500.00	1.00	\$ 28,500.00				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -	0.40	0.40	\$ 11,400.00	\$ 11,400.00	0.60	\$ 17,100.00
3	CUT & RESTORE PAV	SY			\$ -	\$ 55.00	-168.00	\$ (9,240.00)				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	(168.00)	\$ (9,240.00)
4	RC PIPE (CL III)(24 IN)(SPL)	LF			\$ -	\$ 51.30	-8.00	\$ (410.40)				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	(8.00)	\$ (410.40)
5	CONCRETE WALL	CY			\$ -	\$ 660.00	-4.00	\$ (2,640.00)				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	(4.00)	\$ (2,640.00)
6	IRRIGATION SIPHON - 18" TO 36" DIAMETER	EA			\$ -	\$ 5,000.00	-1.00	\$ (5,000.00)				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	(1.00)	\$ (5,000.00)
7	CONCRETE BOLLARDS	EA			\$ -	\$ 1,400.00	-3.1480	\$ (4,407.20)				0.00	\$ -		0.00	\$ -		0.00	\$ -			\$ -		0.00	\$ -	\$ -	(3.15)	\$ (4,407.20)
SUBTOTAL CHANGE ORDER NO. 3					\$ -		\$ 7,490.40			\$ -		\$ -		\$ -		\$ -		\$ -			\$ -		\$ 11,400.00	\$ 11,400.00	\$ -	\$ (3,909.60)		
TOTAL AMOUNTS:					\$ 615,970.00		\$ 143,313.40			\$ -		\$ 210,026.00		\$ 176,802.00		\$ 100,240.00		\$ 143,850.00		\$ 32,184.00	\$ 663,102.00		\$ 32,184.00	\$ 663,102.00		\$ 96,181.40		

ORIGINAL CONTRACT	\$ 615,970.00
CHANGE TO DATE	\$ 143,313.40
CURRENT CONTRACT VALUE	\$ 759,283.40

TOTAL TO DATE	\$ 663,102.00
TOTAL MATERIAL TO DATE	\$ -
TOTAL COMPLETE AND STORE TO DATE	\$ 663,102.00
LESS RETAINAGE	\$ 66,310.20
NET AMOUNT EARNED TO DATE	\$ 596,791.80
PREVIOUS PAYMENTS	\$ 567,826.20
NET AMOUNT EARNED THIS PERIOD	\$ 28,965.60

		Summary																														
Contract No	Project Name	Original Schedule Value	Change Orders	Revised Schedule Value	Application #1	Retainage for App #1	Payment for Application #1	Material on Hand (MOH)	Retainage for MOH	Payment for MOH	Payment for Application #1 Plus MOH	Application #2	Retainage for App #2	Payment for Application #2	Material on Hand (MOH)	Retainage for MOH	Payment for Application #2 Plus MOH	Application #3	Retainage for App #3	Payment for Application #3	Application #4	Retainage for App #4	Payment for Application #4	Application #5	Retainage for App #5	Payment for Application #5	Total Complete to Date	Retainage to Date	Total Complete Less Retainage	Previous Payment	Balance to Finish	
HCCD-1-16-006-04-28	J-06 Drain Improvements Phase II Construction Rio Grande Cafe Rd to North Main Drain	\$ 015,970.00	\$ 143,313.40	\$ 759,283.40	\$ 210,028.00	\$ 21,002.80	\$ 189,025.40	\$ 4,069.80	\$ 406.08	\$ 3,664.72	\$ 192,678.12	\$ 17,274.20	\$ 17,274.12	\$ 155,407.08	\$ 36,153.20	\$ 3,016.32	\$ 32,537.88	\$ 188,004.99	\$ 100,240.00	\$ 10,024.00	\$ 80,218.00	\$ 107,696.80	\$ 10,799.68	\$ 69,927.12	\$ 32,184.00	\$ 3,218.40	\$ 26,905.60	\$ 683,102.00	\$ 68,310.20	\$ 606,791.80	\$ 567,828.20	\$ 90,181.40



3149-A Center Pointe Drive  
Edinburg, TX 78539  
O: 956-627-6181  
F: 956-386-0289

December 28, 2016

TEDSI Infrastructure Group Inc.  
Jose A. Sanchez, P.E.  
Project Manager  
1201 E. Expressway 83  
Mission TX 78572

RE: Contract No. HCDD1-16-006-04-26  
J-09 Drain Improvements Phase II Construction Rio Grande Care Rd

Dear Mr. Sanchez:

The following is a list of suppliers and/or subcontractors used in the above mentioned project as per the County's request:

- Supplier (None)
- Subcontractor (none)

If you have any questions, please contact me at (956) 627-6181.

Thank you,

A handwritten signature in blue ink, appearing to be "G. [unclear]".

Texas Cordia Construction

**CHANGE ORDER #3**

**PROJECT:** J-09 Drain Improvements Phase ii Construction Rio Grande Care Rd to North Main Drain

**DATE OF ISSUANCE:** December 21, 2016 **EFFECTIVE DATE:** \_\_\_\_\_

**OWNER:** Hidalgo County Drainage District No. 1  
**OWNER's Contract No.** HCDD1-16-006-04-26

**CONTRACTOR:** Texas Cordia Construction, LLC **ENGINEER:** TEDSI INFRASTRUCTURE GROUP  
3149-A Center Point Dr 1201 E. Expressway 83  
Edinburg TX 78539 Mission TX 78572

**You are directed to make the following changes in the Contract Documents.**

- Description:**
1. 30" RUBBER GASKET RCP CLASS III
  2. 8" CONCRETE WING WALL
  3. CUT & RESTORING PAV
  4. RC PIPE (CL III)(24 IN)(SPL)
  5. CONCRETE WALL
  6. IRRIGATION SIPHON - 18" TO 36" DIAMETER
  7. CONCRETE BOLLARDS
- Reason for Change Order:**
1. Additional RCP pipe joint
  2. Additional services
  3. Not needed anymore
  4. Removal of RCP pipe joint
  5. Not needed anymore, due to wingwall
  6. Siphon not needed, cleared utility
  7. Owner request-removal

**RECEIVED**  
 HIDALGO COUNTY  
 DRAINAGE DISTRICT #1  
  
 DEC 22 2016  
 2:30 AM (PM)  
 BY: [Signature]

**Attachments:** Change Order 3 tabulations

Change in Contract Price:		CHANGE IN CONTRACT TIME:	
Original Contract Price		Original Contract Time for	
\$ 615,970.00		Substantial Completion:	165 calendar days or dates
Net Changes from previous Change Order		Net change from previous Change Orders	10 calendar days
\$ 135,823.00		Contract Time prior to this Change Order	
Contract Price prior to this Change Order		Substantial Completion:	175 calendar days or dates
\$ 751,793.00		Net Increase (decrease) of this Change Order	10 calendar days
Net Increase (decrease) of this Change Order		Contract Time with all approved Change Orders	
\$ 7,490.40		Substantial Completion:	185 calendar days or dates
Contract Price with all approved Change Orders	Net % increase (decrease) from original contract price.		
\$ 759,283.40	23.27 %		

**RECOMMENDED:**  
 By: [Signature]  
 Engineer (Authorized Signature)

**APPROVED:**  
 By: [Signature]  
 Owner (Authorized Signature)

**ACCEPTED:**  
 By: [Signature]  
 Contractor (Authorized Signature)

Date: 12/21/2016

Date: 12/22/16

Date: 12/21/2016

## CHANGE ORDER NO. 3 TABULATION

## J-09 DRAIN IMPROVEMENTS PHASE II CONSTRUCTION RIO GRANDE CARE RD TO NORTH MAIN DRAIN

SPEC NO.	Item Description	Unit	Original Unit Price	Original Plan QTY	Original Contract Amount	Revised Unit Price	Revised Plan QTY	Revised Contract Amount
<b>BASE BID</b>								
31 10 00	PREPARING ROW	STA	\$990.00	8	\$7,920.00			
35 10 00	EXCAVATION (CHANNEL)	CY	\$3.50	16,232	\$56,812.00			
31 32 00	EMBANKMENT (FINAL)(ORD COMP)(TY D)	CY	\$4.50	226	\$1,017.00			
31 64 00	CELL FBR MLCH SEED(PERM)(RURAL)(CLAY)	STA	\$3,500.00	8	\$28,000.00			
50 20 00	FL BS (CMP IN PLC)(TY E GR 4)(FNAL POS)	CY	\$40.00	93	\$3,720.00			
50 25 00	CUT & RESTORING PAV	SY	\$40.00	318	\$12,720.00			
0423-6005	RETAINING WALL (SPREAD FOOTING)	EA	\$30,000.00	1	\$30,000.00			
0432-6007	RIPRAP (CONC)(CL C)	CY	\$315.00	193	\$60,795.00			
0464-6038	RC PIPE (CL III)(18 IN)(SPL)	LF	\$42.00	96	\$4,032.00			
0464-6039	RC PIPE (CL III)(24 IN)(SPL)	LF	\$54.00	172	\$9,288.00			
60 96 00	REMOV STR (PIPE)	LF	\$11.00	220	\$2,420.00			
01 57 00	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	\$9.00	300	\$2,700.00			
01 57 00	ROCK FILTER DAMS (REMOVE)	LF	\$2.00	300	\$600.00			
0530-6005	DRIVEWAYS (ACP)	SY	\$50.00	96	\$4,800.00			
0556-6007	PIPE UNDERDRAINS (TY 7) (6")	LF	\$80.00	26	\$2,080.00			
0556-6008	PIPE UNDERDRAINS (TY 8) (6")	LF	\$84.00	100	\$8,400.00			
0760-6001	DITCH CLEANING AND RESHAPING (FOOT)	LF	\$18.00	220	\$3,960.00			
60 20 00	CONCRETE WALL	CY	\$660.00	4	\$2,640.00			
60 65 00	DROP INLET - 18" RCP	EA	\$2,000.00	6	\$12,000.00			
60 65 00	DROP INLET - 24" RCP	EA	\$2,100.00	2	\$4,200.00			
60 68 00	SLUICE GATE - 60" PIPE	EA	\$2,000.00	1	\$2,000.00			
<b>TOTAL BASE BID</b>					<b>\$260,104.00</b>			<b>\$0.00</b>
<b>ALTERNATE 1</b>								
31 10 00	PREPARING ROW	STA	\$1,350.00	6	\$8,100.00			
35 10 00	EXCAVATION (CHANNEL)	CY	\$4.00	5,619	\$22,476.00			
31 32 00	EMBANKMENT (FINAL)(ORD COMP)(TY D)	CY	\$5.00	234	\$1,170.00			
31 64 00	CELL FBR MLCH SEED(PERM)(RURAL)(CLAY)	STA	\$3,000.00	6	\$18,000.00			
50 25 00	CUT & RESTORING PAV	SY	\$55.00	168	\$9,240.00			
0432-6007	RIPRAP (CONC)(CL C)	CY	\$300.00	127	\$38,100.00			
0462-6007	CONC BOX CULV (5 FT X 3 FT)	LF	\$430.00	312	\$134,160.00			
60 64 00	RC PIPE (CL III)(18 IN)(SPL)	LF	\$40.00	96	\$3,840.00			
60 64 00	RC PIPE (CL III)(24 IN)(SPL)	LF	\$52.00	120	\$6,240.00			
01 57 00	ROCK FILTER DAMS (INSTALL) (TY 2)	LF	\$10.00	150	\$1,500.00			
01 57 00	ROCK FILTER DAMS (REMOVE)	LF	\$4.00	150	\$600.00			
0530-6005	DRIVEWAYS (ACP)	SY	\$50.00	96	\$4,800.00			
0760-6001	DITCH CLEANING AND RESHAPING (FOOT)	LF	\$20.00	220	\$4,400.00			
60 65 00	DROP INLET - 18" RCP	EA	\$2,000.00	4	\$8,000.00			
60 65 00	DROP INLET - 24" RCP	EA	\$2,200.00	2	\$4,400.00			
	IRRIGATION SIPHON - 18" TO 36" DIAMETER	EA	\$5,000.00	1	\$5,000.00			
<b>TOTAL ALTERNATE 1</b>					<b>\$270,026.00</b>			<b>\$0.00</b>
<b>ALTERNATE 2</b>								
60 64 00	RC PIPE (CL III)(48 IN)(SPL)	LF	\$260.00	168	\$43,680.00			
60 64 00	RC PIPE (CL III)(60 IN)(SPL)	LF	\$310.00	136	\$42,160.00			
<b>TOTAL ALTERNATE 2</b>					<b>\$85,840.00</b>			<b>\$0.00</b>

CHANGE ORDER NO. 3 TABULATION								
J-09 DRAIN IMPROVEMENTS PHASE II CONSTRUCTION RIO GRANDECARE RD TO NORTH MAIN DRAIN								
SPEC NO.	Item Description	Unit	Original Unit Price	Original Plan QTY	Original Contract Amount	Revised Unit Price	Revised Plan QTY	Revised Contract Amount
<b>CHANGE ORDER 1</b>								
	30" RUBBER GASKET RCP CLASS III	LF				\$86.00	680	\$58,480.00
	RC PIPE (CL III)(24 IN)(SPL)	LF				\$51.30	195	\$10,003.50
	RC PIPE (CL III)(18 IN)(SPL)	LF				\$48.00	70	\$3,360.00
	TYPE "C-C" INLET W/30" GATE	EA				\$6,000.00	1	\$6,000.00
	TYPE "C" INLET	SY				\$4,600.00	2	\$9,200.00
	CONCRETE COLLAR	EA				\$5,800.00	1	\$5,800.00
	CUT AND RESTORE PAVEMENT	SY				\$126.00	22	\$2,772.00
	DRIVEWAYS (ACP)	SY				\$36.00	23	\$828.00
	DRIVEWAYS (CONCRETE)	SY				\$202.00	12	\$2,424.00
	CONCRETE BOLLARDS	EA				\$1,400.00	4	\$5,600.00
	EROSION AND SEDIMENT CONTROL	LS				\$3,400.00	1	\$3,400.00
<b>TOTAL CHANGE ORDER 1</b>								<b>\$107,867.50</b>
<b>CHANGE ORDER 2</b>								
	30" RUBBER GASKET RCP CLASS III	LF				\$86.00	36	\$3,096.00
	RC PIPE (CL III)(24 IN)(SPL)	LF				\$51.30	-5	-\$256.50
	RC PIPE (CL III)(18 IN)(SPL)	LF				\$48.00	-70	-\$3,360.00
	TYPE C INLET	EA				\$4,600.00	-1	-\$4,600.00
	CUT AND RESTORE PAVEMENT	SY				\$126.00	-22	-\$2,772.00
	DRIVEWAYS (ACP)	SY				\$36.00	-23	-\$828.00
	DRIVEWAYS (CONCRETE)	SY				\$202.00	-12	-\$2,424.00
	MANHOLE 60"	EA				\$10,000.00	2	\$20,000.00
	MANHOLE 48"	EA				\$9,600.00	1	\$9,600.00
	CONCRETE COLLAR 30" RCP	EA				\$9,500.00	1	\$9,500.00
<b>TOTAL CHANGE ORDER 2</b>								<b>\$27,955.50</b>
<b>CHANGE ORDER 3</b>								
	30" RUBBER GASKET RCP CLASS III	LF				\$86.00	8	\$688.00
	8" CONCRETE WING WALL	LS				\$28,500.00	1	\$28,500.00
	CUT & RESTORE PAV	SY				\$55.00	-168	-\$9,240.00
	RC PIPE (CL III)(24 IN)(SPL)	LF				\$51.30	-8	-\$410.40
	CONCRETE WALL	CY				\$660.00	-4	-\$2,640.00
	IRRIGATION SIPHON - 18" TO 36" DIAMETER	EA				\$5,000.00	-1	-\$5,000.00
	CONCRETE BOLLARDS	EA				\$1,400.00	-3.15	-\$4,407.20
<b>TOTAL CHANGE ORDER 3</b>								<b>\$7,490.40</b>
<b>SUB-TOTAL</b>						<b>\$615,970.00</b>		<b>\$143,313.40</b>

ORIGINAL CONTRACT	615,970.00
CHANGE ORDER 1	107,867.50
CHANGE ORDER 2	27,955.50
CHANGE ORDER 3	7,490.40
<b>TOTAL CONTRACT AMOUNT TO DATE</b>	<b>759,283.40</b>

CUSTOMER COPY

# Alamo Concrete Products Company

Valley Division

88 60319

EXPRESSWAY 77 & INDUSTRIAL CROSSWAY  
P.O. BOX 631808 • HARLINGEN, TX 78558  
Office (956) 423-6380 • Concrete (956) 428-0211

**CO# 3**

ORDER # 750220

**SOLD TO:** TEXAS CORDIA CONSTRUCTION LLC

**SHIP TO:** RIO GRANDE CARE TD TO NORTH MAIN DRAIN-E

TIME	DRIVER	LOAD SIZE	YARDS ORDERED	SLUMP	TRUCK #	TICKET #	PD #
09:09	BELLAND, J	6.00	5.00	3	7245	546101	001906
DATE	PLANT	BATCH REF	TOTAL YARDS DEL.	PROJECT CODE #	000020		
01/13/2017	88		5.00	HAZARDOUS MATERIAL WARNING			

**WARNING! THIS PRODUCT MAY CAUSE IRRITATION OF THE SKIN, EYES, OR NASAL PASSAGES. KEEP OUT OF THE REACH OF CHILDREN.**

Wash all contacted surfaces thoroughly after handling. May irritate or burn skin or eyes. Hypersensitive individuals may develop an allergic dermatitis. If any cement, mortar, concrete, grout, other concrete product, cement stabilized product, concrete stabilizing product, or by-product produced during the manufacture of cement products gets into the eye or a wound or sore, obtain prompt medical attention. It is recommended that when handling the aforementioned products the skin be protected with appropriate devices such as gloves, boots, kneeboards and clothing.

NOT RESPONSIBLE FOR QUALITY OF CONCRETE IF WATER IS ADDED AT JOB SITE PURCHASER OR HIS AUTHORIZED REPRESENTATIVE RECEIPTS FOR THIS LOAD OF CONCRETE. CONFIRMS TIME ARRIVAL, BEGIN UNLOAD AND FINISH UNLOAD TIMES, AND HAS INSTRUCTED THE DRIVER TO ADD WATER AS FOLLOWS: GALS. GALS. ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH.

LOAD RECEIVED BY: *[Signature]*  
 CHECK BOX IF TAKEN  
 CYLINDERS  
 SLUMP  
 AIR TEST

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
E. 00	21364533B	3600 PSI IRR RET		
RETURNED TO PLANT	LEFT JOB	FINISH UNLOADING	DELAY EXPLANATION/CYLINDER TEST TAKEN	TIME ALLOWED
LEFT PLANT	ARRIVED JOB	START UNLOADING	<ol style="list-style-type: none"> <li>JOB NOT READY</li> <li>TRUCK BROKE DOWN</li> <li>ACCIDENT</li> <li>CITATION</li> <li>CONTRACTOR BROKE DOWN</li> <li>OTHER</li> </ol>	DELAY TIME
9:35	9:57			
TOTAL ROUND TRIP	TOTAL AT JOB	UNLOADING TIME	ADDITIONAL CHARGE	
			ADDITIONAL CHARGE 1	
			ADDITIONAL CHARGE 2	
			GRAND TOTAL	

*Time locked: 9:17 AM*

BATCH DATA

WEIGHMASTER SIGNATURE X

OFFICE COPY

**Alamo Concrete Products Company**  
Valley Division

88 60216

EXPRESSWAY 77 & INDUSTRIAL CROSSWAY  
P.O. BOX 531808 • HARLINGEN, TX 78553  
Office (956) 423-6380 • Concrete (956) 428-0211

ORDER # 75010

**SOLD TO:** 71636 TEXAS CORDIA CONSTRUCTION LLC  
**SHIP TO:** RIO GRANDE CARE TD TO NORTH MAIN DRAIN-

TIME	DRIVER	LOAD SIZE	YARDS ORDERED	SLUMP	TRUCK #	TICKET #	PO #
10:40	GARCIA, JO	5.00	15.00	S 4.00	7254	542569	001906
DATE	PLANT	BATCH REF.	TOTAL YARDS DEL.	PROJECT CODE # 000028			
01/10/2017	88		15.00				

**HAZARDOUS MATERIAL WARNING**

**WARNING! THIS PRODUCT MAY CAUSE IRRITATION OF THE SKIN, EYES, OR NASAL PASSAGES. KEEP OUT OF THE REACH OF CHILDREN.**

Wash all contacted surfaces thoroughly after handling. May irritate or burn skin or eyes. Hypersensitive individuals may develop an allergic dermatitis. If any cement, mortar, concrete, grout, other concrete product, cement stabilizing product, concrete stabilizing product, or by-product produced during the manufacture of cement products gets into the eye or a wound or sore, obtain prompt medical attention.

It is recommended that when handling the aforementioned products the skin be protected with appropriate devices such as gloves, boots, kneeboards and clothing.

**AVOID BREATHING DUST FROM THIS MATERIAL.** Concrete may contain crystalline silica in concentrations greater than 0.1%, principally contributed by the aggregates. Respirable crystalline silica classified by IARC (International Agency for research on Cancer) as a known human carcinogen and by NTP (National Toxicology Program) as "reasonably anticipated to be a carcinogen." Crystalline silica in wet concrete is not respirable and does not pose a hazard when the concrete is in its plastic or unhardened state. Once concrete has hardened, airborne dust generated by grinding, sawing, drilling, breaking, etc. can lead to potentially hazardous exposures to workers and appropriate respiratory protection precautions should be taken.

NOT RESPONSIBLE FOR QUALITY OF CONCRETE IF WATER IS ADDED AT JOB SITE. PURCHASER OR HIS AUTHORIZED REPRESENTATIVE RECEIPTS FOR THIS LOAD OF CONCRETE, CONFIRMS TIME ARRIVAL, BEGIN UNLOAD AND FINISH UNLOAD TIMES, AND HAS INSTRUCTED THE DRIVER TO ADD WATER AS FOLLOWS: GALS. 0 GALS.

ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH.

LOAD RECEIVED BY: X Chain Rodriguez

CHECK BOX IF TAKEN  
 CYLINDERS  
 SLUMP  
 AIR TEST

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
5.00	213645338	3600 PSI 1RR RET		

Time loaded: 10:45 AM

RETURNED TO PLANT	LEFT JOB	FINISH UNLOADING	DELAY EXPLANATION/CYLINDER TEST TAKEN	TIME ALLOWED
			1. JOB NOT READY 2. SLOW POUR OR PUMP 3. TRUCK AHEAD ON JOB 4. CONTRACTOR BROKE DOWN 5. ADDED WATER 6. TRUCK BROKE DOWN 7. ACCIDENT 8. CITATION 9. OTHER	
LEFT PLANT	ARRIVED JOB	START UNLOADING		DELAY TIME
11:10	11:30			
TOTAL ROUND TRIP	TOTAL AT JOB	UNLOADING TIME		ADDITIONAL CHARGE
				ADDITIONAL CHARGE 1 ADDITIONAL CHARGE 2
				<b>GRAND TOTAL</b> ▶

BATCH DATA

WEIGHMASTER SIGNATURE X

CUSTOMER COPY

# Alamo Concrete Products Company

Valley Division

88 60203

EXPRESSWAY 77 & INDUSTRIAL CROSSWAY  
P.O. BOX 531 808 • HARLINGEN, TX 78553  
Office (956) 423-6980 • Concrete (956) 428-0211

ORDER # 75010

71636  
SOUTH'S CORDIA CONSTRUCTION LLC

SHIP TO: GRANDE GARE TD TO NORTH MAIN DRAIN-  
MONTE CRISTO AND JACKSON SOUTH

TIME	DRIVER	LOAD SIZE	YARDS ORDERED	SLUMP	TRUCK #	TICKET #	PO #
07:05	<del>DEE</del> RINCE	10.00	10.00	4.00	7248	542091	001906
DATE	PLANT	BATCH REF.	TOTAL YARDS DEL.	PROJECT CODE	#		
01/10/2017	BB		10.00	000028			

### HAZARDOUS MATERIAL WARNING

**WARNING! THIS PRODUCT MAY CAUSE IRRITATION OF THE SKIN, EYES, OR NASAL PASSAGES. KEEP OUT OF THE REACH OF CHILDREN.**

Wash all contacted surfaces thoroughly after handling. May irritate or burn skin or eyes. Hypersensitive individuals may develop an allergic dermatitis. If any cement, mortar, concrete, grout, other concrete product, cement stabilized product, concrete stabilizing product, or byproduct produced during the manufacture of cement products gets into the eye or on a wound or sore, obtain prompt medical attention.

It is recommended that when handling the aforementioned products, the skin be protected with appropriate devices such as gloves, boots, knee pads and clothing.

**AVOID BREATHING DUST FROM THIS MATERIAL.** Concrete may contain crystalline silica in concentrations greater than 0.1%, principally contributed by the aggregates. Respirable crystalline silica classified by IARC (International Agency for Research on Cancer) as a known human carcinogen and by NTP (National Toxicology Program) as "reasonably anticipated to be a carcinogen." Crystalline silica in wet concrete is not respirable and does not pose a hazard when the concrete is in its plastic or unhardened state. Once concrete has hardened, airborne dust generated by grinding, sawing, drilling, breaking, etc. can lead to potentially hazardous exposures to workers and appropriate respiratory protection precautions should be taken.

NOT RESPONSIBLE FOR QUALITY OF CONCRETE IF WATER IS ADDED AT JOB SITE PURCHASER OR HIS AUTHORIZED REPRESENTATIVE RECEIPTS FOR THIS LOAD OF CONCRETE. CONFIRMS TIME ARRIVAL, BEGIN UNLOAD AND FINISH UNLOAD TIMES, AND HAS INSTRUCTED THE DRIVER TO ADD WATER AS FOLLOWS: GALS 1

ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH.

LOAD RECEIVED BY: *Chain Rodriguez*  
CHECK BOX IF TAKEN BY:  SLUMP  CYLINDERS  AIR TEST

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
10.00	21364533A	3600 PSI 1 RR RET		
<p>RETURNED TO PLANT</p> <p>LEFT JOB</p> <p>FINISH UNLOADING</p> <p>DELAY EXPLANATION/NUMBER TEST TAKEN</p> <p>TIME ALLOWED</p>				
LEFT PLANT	ARRIVED JOB	START UNLOADING	<ol style="list-style-type: none"> <li>JOB NOT READY</li> <li>SLOW POUR OR RUSH</li> <li>TRUCK AHEAD ON JOB</li> <li>CONTRACTOR BROKE DOWN</li> <li>OTHER</li> <li>TRUCK BROKE DOWN</li> <li>ACCIDENT</li> <li>CITIZEN</li> <li>OTHER</li> </ol>	
7:40	8:00		DELAY TIME	ADDITIONAL CHARGE 1
TOTAL ROUND TRIP	TOTAL AT JOB	UNLOADING TIME	ADDITIONAL CHARGE 2	GRAND TOTAL

Time loaded: 7:10 AM

BATCH DATA

WEIGHMASTER SIGNATURE X

# Alamo Concrete Products Company



**RECEIVED**

Remit Payment to:  
Alamo Concrete Products Company  
P.O. Box 531808  
Harlingen, TX 78553-1808

956-423-6380

## INVOICE

*CO#4*

INVOICE	889581
DATE	10/12/16
CUSTOMER P.O.	001906
CUSTOMER NO.	71636

OCT 22 2016

12/1/16

CK# 14040



SCANNED

**SOLD TO:**

TEXAS CORDIA CONSTRUCTION L  
3149-A CENTER POINTE DR  
EDINBURG, TX 78539

**DELIVERY LOCATION**

RIO GRANDE CARE TD TO NORTH MA

1047

Product Number	Product Description	Delivery Ticket#	Ticket Date	U/M	Units	Price	Extension	Product Number	Product Description	Delivery Ticket#	Ticket Date	U/M	Units	Price	Extension
213661030	3600 PSI 1RR NO A	479591	10/12/16	YD	3.00	100.00	300.00								
<b>TOTAL EXTENSION</b>		<b>300.00</b>	<b>SALES TAX</b>		<b>.00</b>	<b>INVOICE TOTAL</b>		<b>300.00</b>							

ENTERED NOV 02 2016

RETURN THIS PORTION WITH REMITTANCE



Remit Payment to:  
Alamo Concrete Products Company  
P.O. Box 531808  
Harlingen, TX 78553-1808

**CUSTOMER** TEXAS CORDIA CONSTRUCTION L  
71636 3149-A CENTER POINTE DR  
EDINBURG, TX 78539

Invoice Number	889581
Invoice Date	10/12/16

Total Extension	300.00
Sales Tax	.00
<b>Invoice Total</b>	<b>300.00</b>

TERMS: BUYER AGREES TO PAY ALL SALES ON ACCOUNT ON OR BEFORE THE 10th DAY OF THE MONTH FOLLOWING THE DATE OF THIS INVOICE BY REMITTING TO: P.O. Box 531808, Harlingen, TX 78553-1808

EXPRESSWAY 77 & INDUSTRIAL CROSSWAY  
P.O. BOX 531808 • HARLINGEN, TX 78653  
Office (956) 423-6390 • Concrete (956) 428-0211

ORDER # 75027

71636  
SOLD TO: CORDIA CONSTRUCTION LLC

SHIP TO: GRANDE CARE RD TO NORTH MAIN DRAIN-

TIME	DRIVER	LOAD SIZE	YARDS ORDERED	SUMP	TRUCK #	TICKET #	PO #
11:58	GARCIA, JO	3.00	3.00	4.00	7254	479591	001906
DATE	PLANT	BATCH REF	TOTAL YARDS DEL.	PROJECT CODE #			
10/13/2016	BB		3.00	000000			

**HAZARDOUS MATERIAL WARNING**

**WARNING! THIS PRODUCT MAY CAUSE IRRITATION OF THE SKIN, EYES, OR NASAL PASSAGES. KEEP OUT OF THE REACH OF CHILDREN**

Wash all contacted surfaces thoroughly after handling. May irritate or burn skin or eyes. Hypersensitive individuals may develop an allergic dermatitis. If any cement, mortar, concrete, grout, slurr, concrete product, cement stabilized product, concrete stabilizing product, or by-product produced during the manufacture of certain products gets into the eye or a wound or sore, obtain prompt medical attention.

It is recommended that when handling the aforementioned products the skin be protected with appropriate devices such as gloves, boots, kneeboards and clothing.

**AVOID BREATHING DUST FROM THIS MATERIAL.** Concrete may contain crystalline silica in concentrations greater than 0.1% (primarily) contributed by the aggregates. Respirable crystalline silica, classified by ACGIH (International Agency for Research on Cancer) as a known human carcinogen and by NTP (National Toxicology Program) as "reasonably anticipated to be a carcinogen." Crystalline silica wet concrete is not respirable and does not pose a hazard when the concrete is in its plastic or unhardened state. Once concrete has hardened, airborne dust generated by grinding, sawing, drilling, breaking, etc. can lead to potentially hazardous exposures to workers and appropriate respiratory protection evaluations should be taken.

**NOT RESPONSIBLE FOR QUALITY OF CONCRETE IF WATER IS ADDED AT JOB SITE. PURCHASER OR HIS AUTHORIZED REPRESENTATIVE RECEIPTS FOR THIS LOAD OF CONCRETE, CONFIRMS TIME ARRIVAL, BEGIN UNLOAD AND FINISH UNLOAD TIMES, AND HAS INSTALLED DRIVER TO ADD WATER AS FOLLOWS: GALS. GALS. CHECK BOX IF TAKEN**

ADDITIONAL WATER ADDED TO THIS CONCRETE WILL REDUCE ITS STRENGTH.

LOAD RECEIVED BY:  GYLANDERS  SLUMP  AIR TEST

QUANTITY	CODE	DESCRIPTION	UNIT PRICE	EXTENDED PRICE
3.00	21661030	3000 PSI HRP NO ASH RET		
		RETURNED TO PLANT		
		LEFT JOB		
		FINISH UNLOADING		
		DELAY EXPLANATION/CYLINDER TEST TAKEN		
		TIME ALLOWED		
		LEFT PLANT		
		ARRIVED JOB		
		START UNLOADING		
		DELAY TIME		
12.25	12.43	1.15		
		TOTAL ROUND TRIP		
		TOTAL AT JOB		
		UNLOADING TIME		
		ADDITIONAL CHARGE		
		ADDITIONAL CHARGE 1		
		ADDITIONAL CHARGE 2		
		GRAND TOTAL		

**BATCH DATA**

WEGHMASTER SIGNATURE *X Fw Sanchez*



3609 W PALMA VISTA DR.  
PALMVIEW, TX 78572  
PHONE: 956-580-2502  
FAX: 956-585-8675

**CO#1 + CO#3**

**INVOICE**

**RECEIVED**

AUG 29 2016

**CO#2**

#23

INVOICE NUMBER	13660
INVOICE DATE	8/25/2016
PAGE #	

TEXAS CORDIA CONSTRUCTION  
3149A CENTER POINT DR.  
EDINBURG, TEXAS 78539

J-09 DRAIN IMPROVEMENTS  
PHASE II  
EDINBURG, TX

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ENTERED SEP 08 2016

CUSTOMER ID #	CUSTOMER PO #	PAYMENT TERMS	
		10 OF NEXT MONTH	
SALES REP ID #	SHIPPING METHOD	SHIP DATE	DUEDATE
		8/25/2016	9/10/2016

QUANTITY	ITEM	DESCRIPTION	BACKORDER QTY	UNIT PRICE	EXTENSION
30'	Gasket Pipe CL III (LF)	108732 80	0	80 ft	3,400.00
	GASKET 30" O-RINGS	108732 10	0	10 ea	0.00
	SOAP LUB 3.5 GAL. BUCKET	108732 1	0	1 ea	0.00
30'	Gasket Pipe CL III (LF)	108733 80	0	80 ft	3,400.00
	GASKET 30" O-RINGS	108733 10	0	10 ea	0.00
	SOAP LUB 3.5 GAL. BUCKET	108733 1	0	1 ea	0.00
30'	Gasket Pipe CL III (LF)	108742 40	0	40 ft	1,700.00
	GASKET 30" O-RINGS	108742 5	0	5 ea	0.00
	SOAP LUB 3.5 GAL. BUCKET	108742 1	0	1 ea	0.00
30'	Gasket Pipe CL III (LF)	108744 80	0	80 ft	3,400.00
	GASKET 30" O-RINGS	108744 10	0	10 ea	0.00
	SOAP LUB 3.5 GAL. BUCKET	108744 1	0	1 ea	0.00
30'	TONGUE & GROOVE CL III (LF)	108745 80	0	80 ft	3,400.00
	GASKET 30" O-RINGS	108745 10	0	10 ea	0.00
	SOAP LUB 3.5 GAL. BUCKET	108745 1	0	1 ea	0.00

There will be a 1 1/2% finance charge on all invoices over 30 days.

SUBTOTAL	\$15,300.00
SALES TAX	\$0.00
FREIGHT	
TOTAL INVOICE AMOUNT	\$15,300.00
PAYMENT RECEIVED	\$0.00
<b>TOTAL</b>	<b>\$15,300.00</b>

Remittances Made by Mail:  
Wells Fargo Bank, N.A.  
c/o Wells Fargo Business Credit  
P.O. Box 202056  
Dallas, TX 75320-2056

108732



3 1/2 Miles North Tom Gill Road  
Penitas, TX 78573  
PHONE: 956-519-6126 > 956-519-4060  
FAX: 956-519-6889

# DELIVERY TICKET

DATE: 7601  
INVOICE #: 8/24/201  
CUST. #: 4:44 PM  
CUST. PO #: 21992  
TERMS:  
STATUS:

**B I L L T O**  
TEXAS CORDIA CONSTRUCTION  
J-09 DRAIN IMPROVEMENTS PHASE II  
EDINBURG, TX

**S H I P T O**  
J-09 DRAIN IMPROVEMENTS PHASE I  
RIO GRANDE CARE RD TO NORTH A  
DRAIN JOB#1047

ITEM	DESCRIPTION	FEET/METER/EACH
4129	Liner	80.00
4380	Ton	10.00
4403	Ton	1.00
	30" GASKET PIPE CL 3	
	30" O RING GASKET	
	POLYLUBE PIPE JOINT LUBRICANT 25# CAN	

### SHIPPING VIA ALL VALLEY TRUCKING

Truck Number: AVT - 789

OUT: \_\_\_\_\_

Driver:  Marco

IN: \_\_\_\_\_

**RECEIPT & RELEASE:** The undersigned authorized representative of customer acknowledges receipt of the above material/ product has carefully inspected same and by acceptance acknowledges same to be free of defect or damage and releases seller from any and all liability on account thereof, provided same was manufactured in accordance with specifications.

416023

  
SIGNATURE

# HDSUPPLY<sup>®</sup> WATERWORKS

## INVOICE

1830 Craig Park Court  
St. Louis, MO 63146

RECEIVED

Invoice # G370926  
 Invoice Date 12/30/16  
 Account # 212687  
 Sales Rep MARCO CARDOZA  
 Phone # 956-631-3341  
 Branch # 001 McAllen, TX  
 Total Amount Due \$5,304.17

Remit To:  
 HD SUPPLY WATERWORKS, LTD.  
 PO BOX 28330  
 ST LOUIS, MO 63146

JAN 06 2017

*CO#1*

308 1 SP 0.465 E0308X I0426 D2127554667 S2 P3818409 0001:0001



TEXAS CORDIA CONSTRUCTION LLC  
 3149 CENTER POINT DR STE A  
 EDINBURG TX 78539-7102

Shipped to:  
 RIO GRANDE CARE RD TO  
 NORTH MAIN DRAIN  
 EDINBURG, TX

*1047*

**CUSTOMER JOB- HCDD116 J-09 DRAINAGE I**

Thank you for the opportunity to serve you! We appreciate your prompt payment.

Date Ordered	Date Shipped	Customer PO #	Job Name	Job #	Bill of Lading	Shipped Via	Invoice #
11/01/16	11/01/16	P	J-09 DRAINAGE I	HCDD116		OUR TRUCK	G370926

Product Code	Description	Quantity		B/O	Price	UM	Extended Price
		Ordered	Shipped				
/32014668433	30"X30" SS SLIDE GATE BID SEQ# 10	1	1		5304.17000	EA	5,304.17

ENTERED JAN 10 2016



**Paperless Billing**  
 - Expedites delivery.  
 - Save trees.  
 - Go GREEN.

Register Now for Our New Customer Portal.

*Online* **ADVANTAGE**

[www.hdsupplywaterworks.com](http://www.hdsupplywaterworks.com)

**HDSUPPLY<sup>®</sup>  
WATERWORKS**

Local Knowledge  
 Local Experience  
 Local Service, Nationwide<sup>®</sup>

Freight	Delivery	Handling	Restock	Misc.

Terms: NET 30      Ordered By: \_\_\_\_\_

Subtotal:	5,304.17
Other:	0.00
Tax:	0.00
<b>Invoice Total:</b>	<b>\$5,304.17</b>

This transaction is governed by and subject to HD Supply Waterworks' standard terms and conditions, which are incorporated by reference and accepted. To review these terms and conditions, please visit: [www.waterworks.hdsupply.com/TandC](http://www.waterworks.hdsupply.com/TandC).

MCALLEN TX  
 Branch - 001  
 100 N 1st St  
 McAllen  
 PHONE # 956 631 3341

TX 78501 0000

**HDSUPPLY**  
**WATERWORKS**  
*Local Service, Nationwide<sup>SM</sup>*

FILLED BY: *SP*  
 CHECKED BY: *SP*  
 REVIEWED BY:  
 RECEIVED BY: *[Signature]*  
 SIGNATURE  
 PRINT NAME  
 HERE:  
 ENTERED BY: MARCO CARDOZA - 001

PRINT 12/28/2016 03:27 PM PAGE 1  
 2687

PICK TICKET G370926

TEXAS CORDIA CONSTRUCTION LLC  
 STOCK-MCALLEN #01  
 3149 CENTER POINT DR STE A  
 EDINBURG TX 78539  
 Cus Ph# 956 971 0289

SHIP TO  
 TEXAS CORDIA CONSTRUCTION LLC  
 RIO GRANDE CARE RD TO  
 NORTH MAIN DRAIN  
 EDINBURG TX 78536

SPECIAL INSTRUCTIONS / COMMENTS  
 BID # 180986  
*Ruka - 971-0289*

ANCH NO.	DATE ORDERED	DATE SHIPPED	PURCHASE ORDER NO.	JOB NAME	JOB NUMBER	DELIVERY METHOD				BILL OF LADING NO.	SHIPPED VIA	SALESM
						OUR TRUCK	CUSTOMER PICK UP	DIRECT	SHIPPED			
	11/01/16	11/01/16	P	1 00 DRAINAGE T	HCD0116						OUR TRUCK	304

BIN LOCATION	PRODUCT CODE	DESCRIPTION	QTY. ORDERED	QTY. SHIPPED	BACK ORDERED	UNIT PRICE	PER	AMOUNT
	/32014668433	30"X30" SS SLIDE GATE	1	1			EA	
	TOTAL WEIGHT:	.00						
		BID SEQ# 00010						

MERCHANDISE SUBTOTAL	TAX	TAX AMOUNT	FREIGHT	DELIVERY	HANDLING	RESTOCKING	MISCELLANEOUS	END OF ORDER	TOTAL SALE

NOTICE: THE TERMS AND CONDITIONS ON THE REVERSE SIDE OF THIS FORM ARE AGREED TO:





3807 N. Bentsen Palm Dr.  
Mission, Texas 78574  
Phone: (956) 583-6293  
Fax: (956) 424-1099  
Email: lrprecast1@aol.com

RECEIVED

OCT 23 2016

5

CO#1

# INVOICE

Bill To	Ship To & Project	Invoice	11892
TEXAS CORDIA CONSTRUCTION 3149-A CENTER POINTE DRIVE EDINBURG, TEXAS 78539	RIO GRANDE CARE ROAD J-09-00IMPROVEMENTS	Date	10/25/2016
		Terms	10th day of the nex...
		P.O.	

Qty.	Description	Size	Cust ID	D.Ticket	Item/Class	Price Each	Amount
1	Bottom Type M W/F	6'X6'X8'	STA: 2+99	7603	2+99 STA ...	2,573.00	2,573.00T
1	Lid Type M	4'x4'x7"	STA: 2+99	7632	2+99 STA ...	0.00	0.00T
1	Ring and Cover Regular	Regular	STA: 2+99	7632	3+39 STA ...	0.00	0.00T
1	Riser Type C	3'X3'X2'6"	STA: 2+99	7632	2+99 STA ...	0.00	0.00T
1	Lid Type M	4'x4'x7"	STA: 2+99	7632	2+99 STA ...	0.00	0.00T
	Item Total						2,573.00
1	Bottom Type M W/F	6'X6'X8'	STA: 3+39	7603	3+39 STA ...	2,573.00	2,573.00T
1	Lid Type M	4'x4'x7"	STA: 3+39	7632	3+39 STA ...	0.00	0.00T
1	Ring and Cover Regular	Regular	STA: 3+39	7632	3+39 STA ...	0.00	0.00T
1	Riser Type C	3'X3'X2'6"	STA: 3+39	7632	3+39 STA ...	0.00	0.00T
1	Lid Type M	7'x7'x9"	STA: 3+39	7632	3+39 STA ...	0.00	0.00T
	Item Total						2,573.00
1	Lid Type M	5'x5'x7"	STA: 6+82	7632	6+82 STA ...	1,470.00	1,470.00T
1	Ring and Cover Regular	Regular	STA: 6+82	7632	6+82 STA ...	1,470.00	1,470.00T
-1	Lid Type M	6'x6'x7"	STA: 6+82	001407	6+82 STA ...	1,470.00	-1,470.00T
-1	Ring and Cover Regular	Regular	STA: 6+82	001407	6+82 STA ...	1,470.00	-1,470.00T
	Item Total						0.00
1	Inlet Type CC No Bottom	5'x3'x5'	STA: 7+05	7603	7+05 STA ...	1,565.00	1,565.00T
1	Riser Type CC	5'x3'x1'6"	STA: 7+05	7603	7+05 STA ...	0.00	0.00T
	Item Total						1,565.00
1	Inlet Type C with Bottom	3'x3'x3'6"	STA: 8+95	7632	8+95 STA ...	847.50	847.50T
1	Grates TY CC Bicycle Proof	3'x3'	STA: 8+95	7632	8+95 STA ...	0.00	0.00T
-1	Inlet Type C with Bottom	3'x3'x3'6"	STA: 8+95	001407	8+95 STA ...	847.50	-847.50T
-1	Grates TY CC Bicycle Proof	3'x3'	STA: 8+95	001407	8+95 STA ...	0.00	0.00T
	Item Total						0.00
	Sales Tax					6.25%	419.44

**Total**

**\$7,130.44**

Please make checks payable to: L & R Precast Concrete Works, Inc.  
3807 N. Bentsen Palm Dr.  
Mission, TX 78574

2.5% convenience fee will be added if you pay by credit card

7632



3807 N. Bentsen Palm Dr.  
Mission, Texas 78574  
Phone: (956) 583-6293  
Fax: (956) 424-1099

Date 10/12/2016  
P.O. #  
Via  
Driver JERRY

Bill To

Texas Cordia Construction  
3149-A Center Point Drive  
Edinburg Tx 78539  
956-627-6181

Ship To

RIO GRANDE CARE ROAD J-09  
107 EAST HASTA LA MCCOLL RD  
PARA EL NORTE PASAS LA  
MONTECRISTO ADELANTE  
RUBEN 624-8453

Quantity	Description	Class	Station	LR-Item	Customer I
1	Lid 4'x4'x7" W/RING & COVER REG	TY M 5/5/14'6"...			
1	Riser Type C 3'x3'x2'6"	TY M 5/5/14'6"...			
1	LID TY M 7x7x9"	TY M 5/5/14'6"...			
1	Lid 4'x4'x7" W/RING & COVER REG	TY M 5/5/14'6"...			
1	Riser Type C 3'x3'x2'6"	TY M 5/5/14'6"...			
1	LID TY M 7x7x9"	TY M 5/5/14'6"...			
-1	Lid 5'x5'x7" W/RING & COVER REG	TY M 4/4/8' ...			
-1	Inlet Type C 3'x3'x3'6" With Bottom	TY C 3/3'3'6" ...	LR	IC	
-1	Grate Type C 3'x3' Bicycle Proof	TY C 3/3'3'6" ...			

going  
back  
rejected

RECEIPT & RELEASE: The undersigned authorized representative of customer acknowledges receipt of the above material/product has carefully inspected same and by acceptance acknowledges same to be free of defect or damage and releases seller from any and all liability on account thereof, provided same was manufactured in accordance with specifications.

REC'D BY: Joan M. TELLO















Date: Jan 17, 2017

I, **Roel Chapa, Project Manager**, do hereby state:

(1) That I pay or supervise the payment of the persons employed by TEXAS CORDIA CONSTRUCTION, LLC on the project 1047 - J-09 Drainage; that during the payroll period commencing on Dec-04, 2016 and ending on Dec-10, 2016 all persons employed on the said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said TEXAS CORDIA CONSTRUCTION, LLC from the full weekly wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat 357; 40 U.S.C. 276c), and described below:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(2) That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers and mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

(3) That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

(4) That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

in addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4(c) below.

(b) WHERE FRINGE BENEFITS ARE PAID IN CASH

Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in Section 4(c) below.

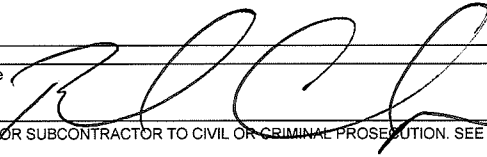
(c) EXCEPTIONS

Exception (Craft)	Explanation

Remarks: NO WORK DONE

Name and Title  
Roel Chapa, Project Manager

Signature



THE WILLFUL FALSIFICATION OF ANY OF THE ABOVE STATEMENTS MAY SUBJECT THE CONTRACTOR OR SUBCONTRACTOR TO CIVIL OR CRIMINAL PROSECUTION. SEE SECTION 1001 OF TITLE 18 AND SECTION 231 OF TITLE 31 OF THE UNITED STATES CODE.









# Letter of Transmittal

RECEIVED  
HIDALGO COUNTY  
DRAINAGE DISTRICT #1

Hidalgo County Drainage District No. 1  
Raul E. Sesein, PE, CFM  
General Manager  
902 N. Doolittle Road  
Edinburg, Texas 78542

JAN 27 2017  
4:08 AM PM  
BY: *MAP*

Date: 01/27/2017

**REF:** Contract No. CDD1-16-006-04-26  
J-09 Drain Improvements Phase II Construction Rio Grande Care Rd to North Main Drain

**TRANSMITTED:**

<input checked="" type="checkbox"/> For Your Use	<input type="checkbox"/> Please comment	<input type="checkbox"/> Approved as Noted
<input checked="" type="checkbox"/> As Requested	<input type="checkbox"/> Reply ASAP	<input type="checkbox"/> As Noted Below

**VIA:**

<input type="checkbox"/> USPS Mail	<input type="checkbox"/> Courier	<input checked="" type="checkbox"/> Hand Delivered
<input type="checkbox"/> E-Mail	<input type="checkbox"/> Overnight Delivery	<input type="checkbox"/> Pick up

COPIES	DESCRIPTION
--------	-------------

1	Application for Payment #5

**REMARKS:**

Mr. Sesein,

Attached please find the Application for Payment #5 for the J-09 Drain Improvements Phase II Construction Rio Grande Care Rd to North Main Drain Project.

Should you have any questions or comments feel free to contact me at (956) 627-6181.

Thank you,

Isabel Martinez  
Texas Cordia Construction, LLC

Received by: \_\_\_\_\_ Date: \_\_\_\_\_



# TEDSI INFRASTRUCTURE GROUP



**Consulting Engineers**  
1201 East Expressway 83 ♦ Mission, Texas 78572  
Tel: (956) 424-7898  
Fax: (956) 424-7022

## Letter of Transmittal

**TO:**  
Mr. Raul E. Segin, P.E, CFM  
HCDD 1 General Manager  
902 N. Doolittle Rd  
Edinburg TX 78542

**DATE:**  
01-26-2017

**REF.:**  
J-09 Drain Improvements Phase 2 Construction RGC to NMD - RFP 05

**TEDSI PROJECT NO.:**  
2016-1194-04

**TRANSMITTED:**

<input checked="" type="checkbox"/> For Your Use	<input type="checkbox"/> Please comment	<input type="checkbox"/> Approved as Noted
<input type="checkbox"/> As Requested	<input type="checkbox"/> Reply ASAP	<input type="checkbox"/> As Noted Below

**VIA:**

<input type="checkbox"/> US Mail	<input type="checkbox"/> Courier	<input checked="" type="checkbox"/> Hand Carry
<input type="checkbox"/> E-Mail	<input type="checkbox"/>	

SHEETS	DESCRIPTION
1	LOT
1	Application for Payment No. 5
1	Contract Time Statement
1	Schedule of Values (Summary)
2	Estimate and Quantity
1	List of Vendors and Subcontractors
3	Change Order #3
12	Invoices - Tickets
10	Certified Payroll

**REMARKS:**

Signed : *Raul E. Segin*

If enclosures are not as stated, please notify us.



# Hidalgo County Drainage District No. 1

902 North Doolittle Road, Edinburg, TX 78542 Office: 956-292-7080

## Invoice Processing Routing Slip

Invoice/ Backup

Date Received: 2/13/2017

Engineer/Firm Name: Jimenez Eng. Solutions, LLC dba ICE

Project Name/Number: Mile 6 W and Mile 14 N Area DIP

Invoice No.: App. for Retainage Release

Invoice Date: 2/13/2017

Due Date: 3/8/2017

Purchase Order No.: \_\_\_\_\_

Amount: \$52,991.30

Total # of Pages Submitted: 12

Attachments:  CD  USB  Plans Other: \_\_\_\_\_

Engineering:  Construction:

Received By: Maria Perez

### Forwarded to:

Nora D. Cavazos	_____	Date:	_____
Esther Layton	_____	Date:	_____
Claudette Guerrero	_____	Date:	_____
Jose N. Saldivar	_____	Date:	_____
Lora Briones	_____	Date:	_____

Additional Comments: Contract No. C-HCDD1-16-031A-08-09

FEB 13 2017

4:33 AM / PM

BY: Rosa One



APPLICATION FOR PAYMENT NO. Retainage Release

To: Hidalgo County Drainage District No. 1 (OWNER)  
From: Jimenez Engineering Solutions LLC dba ICE (CONTRACTOR)  
Contract: C-HCDD1-16-031A-08-09  
Project: Mile 6 West & Mile 14 North Area Drainage Improvements  
Owner's Contract No. C-HCDD1-16-031A-08-09 Engineer's Project No. \_\_\_\_\_  
For Work accomplished through the date of: 1/15/2017

1. Original Contract Price:	\$	433,027.00
2. Net change by Change Order and Written Agreements(+or-):	\$	96,886.00
3. Current Contract Price (1 plus 2):	\$	529,913.00
4. Total completed and stored to date:	\$	529,913.00
5. Retainage (per Agreement):		
<u>10 %</u> of completed Work:		
<u>10 %</u> of stored material:		
Total Retainage:		
6. Total completed and stored to date:	\$	529,913.00
7. Less previous Application for Payments:	\$	476,921.70
8. AMOUNT DUE THIS APPLICATION (6 MINUS 7)	\$	52,991.30

Accompanying Documentation:

CONTRACTOR'S CERTIFICATION:

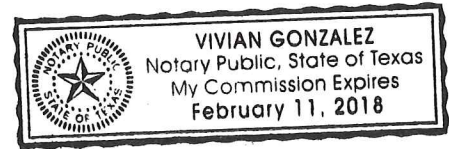
The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown therein is now due.

CONTRACTOR:

BY: [Signature]

State of Texas  
County of Hidalgo

Subscribed and sworn to before me this 13th day of February, 2017



Notary Public

My Commission expires: February 11, 2018 Vivian Gonzalez

CERTIFICATE FOR PAYMENT:

In accordance with Contract Documents, based on on-site observations and the data comprising application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ \_\_\_\_\_

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this application and on the Continuation sheet that are changed to conform to the amount certified)

ENGINEER:

By: \_\_\_\_\_ Date: \_\_\_\_\_  
Project Engineer

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner of Contractor under this Contract.

BOARD:

Board Of Director's Meeting: \_\_\_\_\_  
Ramon Garcia, Chairman of the Board



Schedule of Values 2.5

Contractor Name: Jimenez Engineering Solutions LLC dba ICE  
 Starting Date: 12-Sep-2016  
 Project Ending Date: 18-Feb-2017  
 Retainage Percent: 10%

Application: Retainage Release  
 Application Date: 20-Jan-2017  
 Estimate Period: 1/02/17 - 1/15/17  
 Engineer Firm: HCDD No.1

		Summary																							Total Completed to Date	Retainage to Date	Total Completed Less Retainage	Previous Payments	Balance To Finish				
Contract Number	Description	Original Schedule Value	C.O. #1 Schedule Value	C.O. #2 Schedule Value	C.O. #3 Schedule Value	C.O. #4 Schedule Value	C.O. #5 Schedule Value	C.O. #6 Schedule Value	Application #1	Retainage for App #1	Payment for Application #1	Application #2	Retainage for App #2	Payment for Application #2	Application #3	Retainage for App #3	Payment for Application #3	Application #4	Retainage for App #4	Payment for Application #4	Application #5	Retainage for App #5	Payment for Application #5	Application #6	Retainage for App #6	Final Application	Retainage for Final App	Payment for Final Application	Total Completed to Date	Retainage to Date	Total Completed Less Retainage	Previous Payments	Balance To Finish
C-HCDD1-16-031A-08-09	Mile 6 West & Mile 14 North Area Drainage Improve	\$ 433,027.00	\$ 451,593.50	\$ 471,599.50	\$ 471,599.50	\$ 473,269.50	\$ 498,647.00	\$ 536,263.00	\$ 529,913.00	\$ 180,798.50	\$ 18,079.85	\$ 162,718.65	\$ 130,931.00	\$ 13,093.10	\$ 117,837.90	\$ 60,035.00	\$ 6,003.50	\$ 54,031.50	\$ 96,532.50	\$ 9,653.25	\$ 86,879.25	\$ 61,616.00	\$ 6,161.60	\$ 55,454.40	\$ 52,991.30	\$ -	\$ 52,991.30	\$ 529,913.00	\$ 52,991.30	\$ 476,921.70	\$ 476,921.70	\$ -	
TOTALS:		\$ 433,027.00	\$ 451,593.50	\$ 471,599.50	\$ 471,599.50	\$ 473,269.50	\$ 498,647.00	\$ 536,263.00	\$ 529,913.00	\$ 180,798.50	\$ 18,079.85	\$ 162,718.65	\$ 130,931.00	\$ 13,093.10	\$ 117,837.90	\$ 60,035.00	\$ 6,003.50	\$ 54,031.50	\$ 96,532.50	\$ 9,653.25	\$ 86,879.25	\$ 61,616.00	\$ 6,161.60	\$ 55,454.40	\$ 52,991.30	\$ -	\$ 52,991.30	\$ 529,913.00	\$ 52,991.30	\$ 476,921.70	\$ 476,921.70	\$ -	

**FINAL WAIVER AND RELEASE OF LIEN**

THE STATE OF TEXAS

COUNTY OF HIDALGO

The undersigned contracted with International Consulting Engineers, to furnish Concrete in connection with certain improvements to real property located in Hidalgo-County, Texas and owned by Hidalgo County Drainage District 1


Which improvements are described as followed:

Mile 6 W & Mile 14 N Weslaco, Texas 78599

In consideration of Pay Estimate No. FINAL in the amount of One Hundred Seventy and 00/100 Dollars (\$170.00) and other good and undersigned does hereby waive and release any mechanic's lien or material men's lien or claims of lien that the undersigned has or hereafter has of the above mentioned real property on account of any labor performed or materials furnished or to be furnished or labor performed and materials furnished by the undersigned pursuant to the above-mentioned contract or any constitutional lien that the undersigned may have.

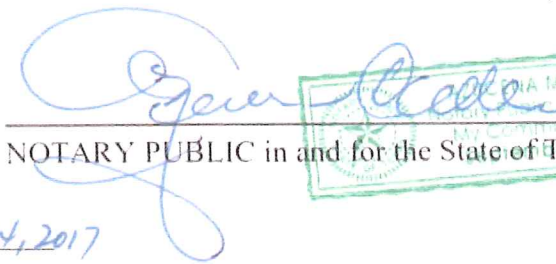
Undersigned hereby guarantees that all bids for labor performed and or materials furnished in the erection and construction of such improvements on the Property have been fully paid and satisfied and undersigned does further guarantee that if for any reason a lien or liens are filed for material or labor against said Property arising out of any bills for materials or labor in connection with the reaction or construction of said improvements thereon. Undersigned will obtain a settlement of such lien or liens and a proper release thereof shall be obtained.

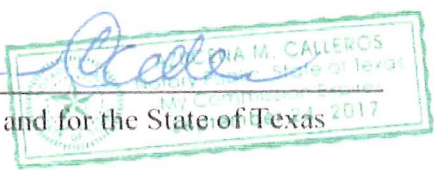
L & R Precast Concrete Works

  
\_\_\_\_\_  
SUPPLIER'S SIGNATURE

BY: Rufino Barca Jr. President  
NAME & TITLE

SWORN TO AND SUBSCRIBED BEFORE ME, on this the 9 day of February, 2016  
a Notary Public in and for the State of Texas, personally appeared as Rufino Barca Jr. known to me as President is subscribed to the within instrument and she/he acknowledged that she/he executed the same in the capacity stated above.

  
\_\_\_\_\_  
NOTARY PUBLIC in and for the State of Texas



My Commission Expires: Sept 24, 2017

**FINAL WAIVER AND RELEASE OF LIEN**

THE STATE OF TEXAS

COUNTY OF HIDALGO

The undersigned contracted with International Consulting Engineers, to furnish Concrete in connection with certain improvements to real property located in Hidalgo-County, Texas and owned by Hidalgo County Drainage District 1

Which improvements are described as followed:

Mile 6 W & Mile 14 N

In consideration of Pay Estimate No. FINAL in the amount of Five Thousand Thirty Five and 00/100 Dollars (\$5,035.00) and other good and undersigned does hereby waive and release any mechanic's lien or material men's lien or claims of lien that the undersigned has or hereafter has of the above mentioned real property on account of any labor performed or materials furnished or to be furnished or labor performed and materials furnished by the undersigned pursuant to the above-mentioned contract or any constitutional lien that the undersigned may have.

Undersigned hereby guarantees that all bids for labor performed and or materials furnished in the erection and construction of such improvements on the Property have been fully paid and satisfied and undersigned does further guarantee that if for any reason a lien or liens are filed for material or labor against said Property arising out of any bills for materials or labor in connection with the reaction or construction of said improvements thereon. Undersigned will obtain a settlement of such lien or liens and a proper release thereof shall be obtained.

L & R Ready Mix, LLC

[Signature]  
SUPPLIER'S SIGNATURE

BY: Rufino Garcia Sr. / President  
NAME & TITLE

SWORN TO AND SUBSCRIBED BEFORE ME, on this the 9 day of February, 2016  
a Notary Public in and for the State of Texas, personally appeared as Rufino Garcia Sr known to me as President is subscribed to the within instrument and she/he acknowledged that she/he executed the same in the capacity stated above.

[Signature]  
NOTARY PUBLIC in and for the State of Texas  
AZUCENA M. CALLEROS  
My Commission Expires  
September 24, 2017

My Commission Expires: Sept 24, 2017



**NOTICE:** This document waives rights unconditionally and states that you have been paid for giving up those rights. It is prohibited for a person to require you to sign this document if you have not been paid the payment amount set forth below. If you have not been paid, use a conditional release form.

**UNCONDITIONAL WAIVER AND RELEASE ON FINAL PAYMENT**

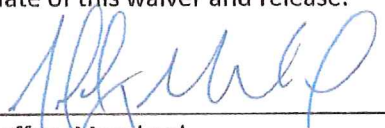
Project MILE 6 W & MILE 14 N DRAINAGE

Job No. 32290

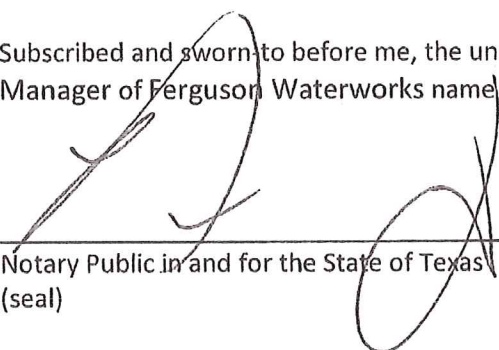
The signer of this document has been paid in full for all labor, services, equipment, or materials furnished to the property or to INTERNATIONAL CONSULTING ENGIN (person with whom signer contracted) on the property of HIDALGO COUNTY DRAINAGE DIST 1 (owner) located at MILE 6 WEST & MILE 14 NORTH WESLACO, TX 78596 (location) to the following extent: Waterworks ect (job description).

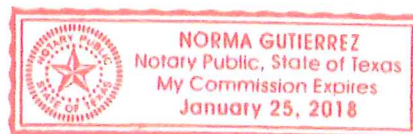
The signer therefore waives and releases any mechanic's lien right, any right arising from a payment bond that complies with a state or federal statute, any common law payment bond right, any claim for payment, and any rights under any similar ordinance, rule, or statute related to claim or payment rights for persons in the signer's position.

The signer warrants that the signer has already paid or will use the funds received from this final payment to promptly pay in full all of the signer's laborers, subcontractors, materialmen, and suppliers for all work, materials, equipment, or services provided for or to the above referenced project up to the date of this waiver and release.

  
\_\_\_\_\_  
Jeffrey Moreland  
Credit Manager

Subscribed and sworn to before me, the undersigned Notary Public, by Jeffrey Moreland, Credit Manager of Ferguson Waterworks name title supplier on this 13th day of February, 2017.

  
\_\_\_\_\_  
Notary Public in and for the State of Texas  
(seal)



February 13, 2017

Jorge A. Gonzalez PE  
Project Engineer  
Hidalgo County Drainage District No.1  
902 N. Doolittle Rd.  
Edinburg, Tx 78542

Re: Hidalgo County Precinct No.1-Mile 6 West & Mile 14  
North Area Drainage Improvements Project  
HCDD1-16-031A-08-09


Mr. Gonzalez,

The following is a list of suppliers used in the above mentioned project as per the County's request:

- Ferguson Waterworks (Supplier)
- L&R Precast (Supplier)

If you have any questions, please feel free to call me at (956) 252-7120 or email me at [luis@icengineers.net](mailto:luis@icengineers.net).

Thank You,

  
Luis J. Nava, P.E. 2/13/17  
Jimenez Solutions LLC

February 13, 2017

Jorge A. Gonzalez PE  
Project Engineer  
Hidalgo County Drainage District No.1  
902 N. Doolittle Rd.  
Edinburg, Tx 78542

Re: Hidalgo County Precinct No.1-Mile 6 West & Mile 14  
North Area Drainage Improvements Project  
HCDD1-16-031A-08-09


Mr. Gonzalez,

The following is a list of sub-contractors used in the above mentioned project as per the County's request:

- None

If you have any questions, please feel free to call me at (956) 252-7120 or email me at [luis@icengineers.net](mailto:luis@icengineers.net).

Thank You,

  
Luis J. Nava, P.E  
Jimenez Solutions LLC

**BUILDING INSPECTIONS DIVISION  
COMMERCIAL PERMIT APPLICATION AND SUBMITTAL CHECKLIST  
(Multifamily (3 or more units) construction & commercial buildings Only)**

**PROPERTY INFORMATION:** (Please PRINT or TYPE)

Project Address 1901 Sweezy Lane, San Benito, TX \_\_\_\_\_ Zoning Designation Multifamily \_\_\_\_\_

Subdivision Name \_\_\_\_\_ Block \_\_\_\_\_ Lot \_\_\_\_\_

Description of Project Temporary Construction/ Pipe Storage Yard  
(i.e. New office, new business, new restaurant, etc.)

Purposed use of Project Facilitate VCP Project

Building Square Footage Area N/A \_\_\_\_\_ Type of Const. Temporary Storage Occ. Class \_\_\_\_\_

Is the project within the Downtown Overlay District?  Yes  No

Is the project within the Fire District?  Yes  No

**OWNER/CONTRACTOR INFORMATION:** (Please PRINT or TYPE)

General Contractor Strike, LLC Phone ( 388 ) 353 - 1444 FAX ( 281 ) 353 - 9091

Email Address (for project correspondence only): johnny.boykin@strikeusa.com

Contact Name Johnny Boykin

Property Owner \_\_\_\_\_ Phone ( ) - \_\_\_\_\_

Estimated Project Cost: \$ 250,000.00

**SUBMITTAL CHECKLIST**

*All applicable items below must be submitted on FOUR (4) sets of construction plans to make 10 business day permitting time possible. (This allows all departments to begin plan review immediately upon receipt. A minimum of TWO (2) sets will be required, but may not allow the TEN (10) day permit time window.)*

*TEN (10) day permit is not guaranteed, but should be accomplished if all submittals as laid out below are submitted and the project is not extraordinarily large.*

**Complete**

- Application for a commercial building permit (see above)
- Four (4) sets of construction drawings/plans, one (1) of which shall be no larger than 11" by 17", in compliance with the following City/State laws:

**DESIGN MUST COMPLY WITH ALL APPLICABLE ADOPTED CODES:**

- 2012 International Building Code
- 2012 International Plumbing Code
- 2012 International Mechanical Code
- 2012 International Gas Code
- 2012 International Fire Prevention Code
- 2014 NEC
- 2012 Life Safety 101 Code
- 2006 Texas Food Establishment Regulations
- Current City Zoning Ordinance. Zoning Ordinance is available online at [www.myharlingen.us](http://www.myharlingen.us)
- Current City Subdivision Ordinance. Subdivision Ordinance is available online at [www.myharlingen.us](http://www.myharlingen.us)
- Current City Flood Plain and Drainage laws

## SITE PLAN:

- Is property zoned for intended use? City's Zoning Map is available online at [www.myharlingen.us](http://www.myharlingen.us)
- Is property subdivided or has a letter of exemption been processed?
- Title Block with the following information:
  - Name of Project
  - Physical Address and Property Legal Description (Lot # Block #, Subdivision Name)
  - Sheet Title and Sheet Number
  - Date, and revision date (when applicable)
  - Scale
- North Arrow
- Site Data Table showing the following information:
  - Lot Area
  - Building(s) square footage, per use and total
  - Impervious/Pervious Area
  - Landscape Area
  - Lot coverage percentage
- Building layout
- Setback requirements (by plat, zoning ordinance and site triangle)
- Location of solid fence on the rear and dividing Zoning districts
- Parking Data Table showing the following information:
  - Number of parking spaces required and provided, per use and total
  - Number of handicap parking spaces required and provided, to include van accessible handicap parking spaces
- Parking lot layout with angle, and width and length dimensions
- Loading area for all retail, commercial and industrial structures in excess of 3,000 square feet, and kindergartens, day schools and child training and care establishments
- Trash receptacle location
- Freestanding signs (location/height – if applicable). New signs require a Sign Permit
- Clear zones for driveways/site triangle
- 5-foot sidewalk required along each street frontage
- Drainage plan with:
  - Gradient elevations
  - Flow rates
  - Retention / detention areas
  - Guttering or sloping details
- Storm water pollution prevention plan (SWP3) a.k.a. Erosion Control Plan

## LANDSCAPE PLAN:

- Title Block with the following information:
  - Name of Project
  - Physical Address and Property Legal Description (Lot # Block #, Subdivision Name)
  - Sheet Title and Sheet Number
  - Date, and revision date (if applicable)
  - Scale
- North Arrow
- Landscape data table showing the following information:
  - Landscape area required and provided
  - Total number of trees required and provided
  - Name, species and size (height and caliper) of trees and other landscape materials
- Required landscaping (10% commercial/industrial; 15% multifamily, landscape islands on parking lots with 20 or more parking spaces)
- Proposed trees to be planted. Trees shall not be in utility easements or near power lines
- Existing trees to remain indicating caliper and any protected trees
- Water sources
- Protected trees (trees measuring +24 inches in circumference or with a +8-inch caliper) to be removed require a Tree Removal Permit

## FLOOR PLAN AND ELEVATIONS:

- Engineering required on buildings 5,000 sq. ft. or over
- On all A, I, or E occupancies, engineers' or architect's seal required- (**Assembly** (ex: church/restaurant) **Institutional** (ex: hospital/jails) **Educational** (ex: schools/day care center)
- All areas / rooms denoted or labeled
- All pertinent dimensions shown
- All door & window sizes shown or referenced to schedules

- All accessory details and drawings
  - o Wall section details
  - o Framing details (roof & wall)
  - o Engineered metal building drawing (if applicable)
- Elevations shall be labeled as north, south, east and west elevations
- Roof overhang dimensions on allelevations

**ACCESSORY DOCUMENTS:**

- Energy Conservation Report (Com. Check)
- Registration letter from T.D.L.R. for A.D.A. project registration
- Asbestos survey and TDOH clearance letter (if work is to be done in existing commercial buildings)
- Flood elevation certificate if project is located in flood plain, except if in flood zone "C". Completed flood elevation certificates are required before construction noting proposal finished, flood elevation, and once construction is completed noting the actual finished floor elevations.

**IF RETAIL FOOD ESTABLISHMENT ALSO NEED:**

- Type of finish floor surface
- Type of wall surface
- Type of food contact surface
- Kitchen equipment layout including storage areas
- Location of 3-compartment sink
- Location of mop sink
- Location of employee hand lavatories
- Paper towel and soap dispenser(s) above all employee hand sinks
- Self-closing device on all bathroom doors
- In-direct drain connections for 3-compartment and ice machine
- Hot and cold water supply to ALL sinks
- Location of outside trash dumpster
- Sneeze guard protection (if applicable)
- Food protection during display
- Location of storage area

**FOUNDATION PLAN:**

- Dimensions & detail for construction
- Engineer's seal required

**ELECTRICAL PLAN:**

- Provide electrical fixture plan
- Provide electrical panel schedule
- Engineers seal required if building is > 5,000 sq. ft.
- Energy conservation report on air-conditioned areas

**MECHANICAL PLAN:**

- A/C duct layout
- A/C equipment schedule size designation
- Details on dampers if required
- Engineers seal required if building is > 5,000 sq. ft.

**PLUMBING PLAN:**

- Layout of all fixtures
- Schematic of drain / waste system layout
- Engineers seal required if building is > 5,000 sq. ft.

**FIRE PROTECTION:**

- Designation of all firewalls or partitions
- Fire rating designation on doors & windows assemblies in fir rated walls or partitions
- Fire alarm layout (if required)
- Fire suppressions system layout (if applicable – sprinklers, stand pipes, aerosol systems, CO2 systems, etc.)
- Fire department accessibility

- A \$30 re-inspection fee is due prior to any re-inspection being conducted.
- Alterations, changes, and/or deviations from any plans submitted to and approved by the City shall be re-submitted to and approved by the City prior to the commencement of any such work.
- Construction work (including sub-trades) requiring City permits that is initiated without such permits shall be subject to a permit fee twice the normal permit fee and the possibility of citations to the municipal court and/or the revocation of his/her City registration.

I attest the foregoing is a true and correct description of the improvement proposed and that I will have full authority over the construction of the same. I also hereby warrant that I am the legal owner of the property or that I am acting as a legal agent of the property owner.

**Authorized Agent/Owner** \_\_\_\_\_ **Date** \_\_\_\_\_

**AI -58855**

**14.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted For: Jaime Salazar

Submitted By: Moises Salazar, DRAINAGE DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Requesting approval to purchase the following from Caldwell Country Ford through the District's membership with TX-MAS Contracts (No. 072-A1). Total amount of \$339,963.00;

- A.) (5) 2017 Ford F-150 4x4 - Regular Cab
- B.) (2) 2017 Ford F-150 4x4 - Extended Cab
- C.) (1) 2017 Ford F-150 4x4 - Crew Cab
- D.) (2) 2017 Ford F-250 4x4 - Crew Cab
- E.) (2) 2017 Ford F-250 4x4- Crew Cab LWB
- F.) (1) 2017 Ford F-350 4x4- Crew Cab DRW

BACKGROUND

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Fiscal Impact

Attachments

TXSMARTBUY CONTRACT DETAILS FOR: #072-A1 -CALDWELL COUNTRY FORD

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Moises Salazar		Started On: 03/03/2017 04:12 PM
Final Approval Date: 03/03/2017		



Sign In

0 items

Contracts ▾

Reports ▾

Help

## Contract Details: # 072-A1

<b>Number</b>	072-A1
<b>Description</b>	Fleet Trucks
<b>Category</b>	TxSmartBuy
<b>Type</b>	Term
<b>Start Date</b>	6/17/2013
<b>End Date</b>	8/31/2017
<b>Purchase Category Code(Agencies Only)</b>	PCC A
<b>Optional Renewal Terms</b>	September 1, 2017 through August 31, 2018
<b>Purchase Orders</b>	<p>Only purchase orders issued through TxSmartBuy are eligible for contract pricing. The Contractor will not ship any products or provide related services until receipt of a Purchase Order generated by the TxSmartBuy system.</p> <p><b>TRADE-IN VEHICLES:</b> Customers are NOT authorized to trade in vehicles under this contract.</p> <p><b>AWARD LEVELS:</b> This contract consists of tiered awards for each vehicle series:</p> <ul style="list-style-type: none"> <li>• Primary</li> <li>• Secondary</li> <li>• Tertiary</li> <li>• 4th level</li> <li>• 5th Level</li> <li>• 6th Level</li> <li>• 7th Level</li> <li>• 8th Level</li> </ul> <p><b>STATE AGENCY ORDERS HOLD PROCESS:</b> State Agency purchasers should order</p>

through the primary contractor.

Orders entered into TxSmartBuy for non-primary awards will be placed on automatic hold by the TxSmartBuy system. The state agency purchaser will receive an email from the system requiring the purchaser to submit a justification via email to Sara Kassem at [sara.kassem@cpa.texas.gov](mailto:sara.kassem@cpa.texas.gov) The explanation should identify in detail why the primary contractor does not meet the state agency's operational requirements.

The request will be reviewed and processed within two (2) business days from date of receipt. Purchaser's order(s) shall remain on hold, until the justification submitted is reviewed and approved or rejected. The Customer will notify the Strategic Sourcing contact immediately if a primary contractor is unable to provide any vehicle or option under this contract.

See **Contract Specifics/Notes** section for additional ordering information.

<b>NIGP Code(s)</b>	072-01	072-02	072-03	072-04
	072-05	072-06	072-07	072-08

**CPA Contract Management**

Questions regarding contract management issues, price changes, amendments or other post-award concerns should be directed to:  
 SPD Contract Management Office (SCMO)  
 Texas Comptroller of Public Accounts (CPA)  
 Fax: (512) 936-0040  
 Email:[tpass\\_cmo@cpa.state.tx.us](mailto:tpass_cmo@cpa.state.tx.us)

Questions concerning technical specifications should be directed to:  
 Sara Kassem  
 Phone: 512-475-5673  
 Email:[sara.kassem@cpa.texas.gov](mailto:sara.kassem@cpa.texas.gov)

**Contract Specifics/Notes**

**VEHICLE SPECIFICATIONS:** This contract is established by a Vehicle Series number outlined in the Texas Fleet Specification(s) Please note the effective dates on each. Each vehicle series lists the make and model and all minimum equipment required by the State. The Texas Fleet Specification is referenced throughout these instructions and can be accessed online at:

[TEXAS FLEET SPECIFICATION NO. 071-072-AT-2017 \(pdf\)](#)

**COLORS:** Base prices include the manufacturer's standard solid colors. Customers should contact the Contractor for available colors and shades. The color must be specified by the Customer at the ordering time and can be entered in the Line Item note.

**OPTIONS:** Options will be available in the *Add to Cart* view for each vehicle. Quotes or Charges can also be added in the *Add to Cart - Charges* section.

Any option which is not part of the Texas Standard Equipment including the ones offered by the Contractor at "no cost" must be entered into the system.

This contract is intended to cover the State's normal requirements for fleet vehicles with options that have historical usage and to offer best value for vehicles with options. Items/options that are not specifically listed in this contract may be purchased from the manufacturer's catalog provided by the Contractor. The Contract price for the catalog items offered by each awarded contractor can be found by going to the Contractor's link shown below:

**CONTRACTOR CATALOG ITEMS:**

- [Caldwell Country Chevrolet \(xls\)](#)
- [Caldwell Country Ford \(xls\)](#)
- [Johnson Whitesboro Ford \(xls\)](#)
- [Reliable Chev \(2\) \(xls\)](#)

[CBS 2 \(xls\)](#)  
[Cowboy Dodge Jeep \(xls\)](#)  
[DOGETT Freightliner of South Texas, LLC \(xls\)](#)  
[Grande \(xls\)](#)  
[Gunn v2 \(xls\)](#)  
[Johnson-Grayson Automotive \(xls\)](#)  
[McKinney Dodge \(xls\)](#)  
[Meador \(xls\)](#)  
[National Bus Sales \(xls\)](#)  
[Reliable \(xls\)](#)  
[RoundRockNissan\(xls\)](#)  
[Sam Pack \(xls\)](#)  
[Silsbee Ford \(xls\)](#)  
[Silsbee Toyota \(xls\)](#)  
[VED Heritage \(xls\)](#)  
[CBS \(xls\)](#)

**NOTE:** Discount-from-Catalog is a percentage (%) discount deducted from the manufacturer's suggested or list price (MSRP). The discount must be for all items available for purchase in the manufacturer's catalog.

**MANUFACTURER'S BUILD OUT SCHEDULE:** The vehicle manufacturers publish build out schedules for the vehicles listed under this Contract. The order cut-off dates for the current model year and the order start dates for the upcoming model year are listed in this schedule. Please note that if a model is being discontinued by the manufacturer, the build out schedule will show no order start date for the upcoming model year. CPA will remove all line items related to the discontinued model soon after the build out date has passed. The build out schedule submitted by the manufacturers can be found by going to each manufacturer's link shown below.

[American Honda \(pdf\)](#)  
[Chrysler Corp \(pdf\)](#)  
[Ford Motor Company \(pdf\)](#)  
[Nissan Build-Out Schedule \(pdf\)](#)  
[GM Cutoff / Buildout Date \(pdf\)](#)

**STATE AGENCY EMISSIONS REQUIREMENTS:** Effective September 1, 2007, Texas Govt. Code 2158.009 requires that state agencies shall purchase a certain percentage of low-emissions passenger vehicles based on its total vehicle purchases during any state fiscal biennium.

**Govt Code 2158.009, LOW-EMISSIONS VEHICLES PURCHASING REQUIREMENT**

**(a) Repealed by Acts 2009, 81st Leg., R.S., Ch. 900, Sec. 7, eff. September 1, 2009.**

**(b) A state agency authorized to purchase passenger vehicles or other ground transportation vehicles for general use shall ensure that not less than 25 percent of the vehicles the agency purchases during any state fiscal biennium, other than vehicles the purchase of which is exempted from this subsection by Subsection (c) or (d), are vehicles that meet or exceed the emissions standards necessary to be rated by the United States Environmental Protection Agency as a Tier II, Bin 3, emissions standard vehicle that has a greenhouse gas score of eight under regulations of that agency as they existed September 1, 2007.**

**(c) A state agency is exempt from Subsection (b) to the extent that a vehicle described by that subsection that meets the agency's operational needs is not commercially available.**

**(d) Subsection (b) does not apply to a state agency's purchase of a vehicle to be**

used by a peace officer, as defined by Article 2.12, Code of Criminal Procedure, whose duties include the apprehension of persons for violation of a criminal law of this state.

**STATE AGENCY DOCUMENTATION:** Texas Fleet Management program requires that the State Agency's procurement file must be documented with one of the following clauses:

- This agency operates 15 or less motor vehicles, excluding law enforcement or emergency vehicles, and is not subject to alternative fuel requirements.
- This agency operates more than 15 vehicles, excluding law enforcement or emergency vehicles. This purchase is for an alternative fuel vehicle.
- This agency operates more than 15 vehicles, excluding law enforcement or emergency vehicles. This purchase is for a vehicle that will be converted to alternative fuel prior to being placed in service.
- This agency operates more than 15 vehicles, excluding law enforcement or emergency vehicles. This purchase is for a law enforcement or emergency vehicle.
- A valid, current waiver number is on file with the Comptroller of Public Accounts (CPA) for this vehicle.
- This agency is exempt from Texas Government Code, Chapter 2158, and Section 2158.009, Subsection (b) to the extent that a vehicle described by that subsection is either not commercially available or the primary vendor does not meet the agency's operating requirements. A detailed written justification must be included in the procurement file which is subject to audit.

**DELIVERY:** The delivery schedule shown below is based upon the type of the vehicle being ordered and can be referenced in Texas Fleet Specification, Section A.5

**CALENDAR DAYS DELIVERY AFTER RECEIPT OF ORDER:**

**120 days**

- General Purpose Automobiles
- Carryalls, Utility Vehicles , Cargo Vans
- Passenger Vans, Lightduty
- Light Duty and Crew Cab Trucks
- Light and Medium Duty Chassis with No Bodies

**150 days**

- Special Purpose Automobiles (LE)
- OEM Alternative Fuel Vehicles

**180 days**

- Light and Medium Duty Chassis with Optional Bodies

All shipping shall be F.O.B. destination freight prepaid and allowed. Normal delivery time for most customers is Monday through Friday, 8:00 a.m. through 4:00 p.m. (CT) except for State and/or Federal Holidays. Delivery destinations will be indicated on each purchase order.

**PRE-DELIVERY SERVICE** (Reference Specification 071-072-AT-2013/2014):

- All fluid levels checked and maintained with the proper grade and type of fluids

	<p><b>Pre-delivery inspection and service on chassis</b></p> <ul style="list-style-type: none"> <li>• The interior and exterior shall be cleaned and freshly washed at time of delivery. A minimum of ¼ tank must show on the fuel gauge when delivered.</li> </ul> <p><b>VEHICLE INSPECTION (Reference Specification 071-072-AT-2015):</b> The contractor shall have each vehicle (except cab and chassis units delivered without bodies) properly inspected in compliance with Texas motor vehicle laws. Texas Inspection Sticker shall be attached prior to delivery to the receiving entity (2 year Inspection Sticker for vehicles through ¾ ton pickups and 1 year Inspection Sticker for 1 ton trucks and up, excluding cab and chassis units delivered without bodies).</p>
<b>Warranty Details</b>	Unless the Customer has purchased an extended warranty, the warranty shall be in accordance with the Texas Fleet Specification, Section A.12.
<b>Adding New Products to the Contract</b>	Following the contract award, additional products or services of the same general category that could have been encompassed in the award of this contract, and that are not already on the contract, may be added. SPD customers are encouraged to request additional items by contacting the SPD Contract Management Office.
<b>Delivery Delays by Contractor</b>	<p>Default in promised Delivery Days After Receipt of Order (ARO) without accepted reasons or failure to meet specifications authorizes the Customer to purchase goods and services of this contract elsewhere and charge any increased costs for the goods and services, including the cost of re-soliciting, to the Contractor.</p> <p><b>LATE DELIVERY FEE:</b> The ordering entity will have the option to charge the vendor a fee of \$50 per vehicle per day for late delivery. Late fee applies ONLY when vendor has not requested and received PRIOR WRITTEN approval from the ordering entity, to make delivery after the number of days established by the contract or the purchase.</p> <p>Providing vehicle(s) which do not meet all specification requirements does not constitute delivery, and the late fee will continue to accrue until the vendor delivers vehicles in full compliance with the specifications to the ordering entity's FOB point. The ordering entity will have the option to deduct any accumulated late delivery fees prior to payment of the invoice. All late deliveries shall be recorded in Vendor Performance Tracking System (VPTS) by the Customer and the Contractor shall be required to submit a corrective action plan to CPA.</p>
<b>Compliant Products by Contractor</b>	Failure to pay a damage assessment is cause for contract cancellation and/or debarment or removal of the contractor, as applicable, from the State Centralized Master Bidders List (CMBL Compliant Products by Contractor Delivery does not occur until the Contractor delivers products, materials or services in full compliance with the specifications to Customer F.O.B. destination, unless delivery is specifically accepted, in whole or in part, by the Customer. Providing products, materials or services which do not meet all specification requirements does not constitute delivery.
<b>Purchase Order Cancellation</b>	The Customer may request that a Contractor cancel a specific line item or an entire purchase order. There shall be no fees charged for cancellation of an item and/or order prior to shipment by the Contractor. The cancellation must be processed through the TxSmartBuy system.
<b>Restocking Fee for Returned Products</b>	The Customer may request that a Contractor accept return of products already delivered. If the return is required through no fault of the Contractor, the Contractor may request a reasonable restocking charge. The Customer may pay a restocking charge if the CPA or Customer determines that the charge is justifiable. As a guideline, such charges shall not exceed 10%.
<b>Substitutions</b>	During the Contract term, the Contractor shall not substitute a product or brand unless the Contractor has obtained prior written approval from the TCMO in coordination with the Customer. The Contractor must have written confirmation from the TCMO of the substitution before making delivery.

**Contractor Performance**

Statewide Procurement Division (SPD), administers a vendor performance program for use by all customers per Texas Government Code (TGC), §2262.055, and 34 Texas Administrative Code (TAC), §20.108. The Vendor Performance relies on the customer's participation in gathering information on vendor performance. State agency customers shall report vendor performance on purchases of \$25,000 or more from contracts administered by CPA, or any other purchase of \$25,000 or more made through delegated authority granted by CPA (TAC 20.108), or purchases exempt from CPA procurement rules and procedures. State agencies are additionally encouraged to report vendor performance on purchases under \$25,000.

Vendor Performance shall be reported through the CPA [VENDOR PERFORMANCE TRACKING SYSTEM](#).

The purpose of the Vendor Performance Tracking System is to:

- Identify vendors that have exceptional performance
- Aid purchasers in making a best value determination based on vendor past performance
- Protect the state from vendors with unethical business practices
- Provide performance scores in four measurable categories for the CMBL vendors
- Track vendor performance for delegated and exempt purchases

## Contractors Information

**VID:** 17311995751

**Contractor:** Fort Worth Freightliner

**Contact Name:** Andrew Johnson

**Email:** ajohnson@premiertruck.com

**Phone:** (817) 626-7090

**Address:** Fort Worth Freightliner 1804 Ne Loop 820 Fort Worth TX 76106

**VID:** 11418568728

**Contractor:** Caldwell Country Chevrolet

**Contact Name:** Averyt Knapp

**Email:** Aknapp@Caldwellcountry.Com

**Phone:** (979) 567-6117

**Address:** Caldwell Country Chevrolet P.O.Box 28 P. O Box 27 Caldwell TX 77836

**VID:** 12730378564

**Contractor:** Caldwell Country Ford

**Contact Name:** Adrienne Gattis

**Email:** agattis@caldwellcountry.com

**Phone:** (979) 567-6116

**Address:** Caldwell Country Ford P.O.Box 27 Caldwell TX 77836

**VID:** 1450545265

**Contractor:** Cowboy Motor Company, LLC

**Contact Name:** Jarrod Runnels

**Email:** fleetsales@outlook.com

**Phone:** (409) 895-3858

**Address:** Cowboy Motor Company, LLC PO Box 1025 Silsbee TX 77656

**VID:** 13303887072

**Contractor:** Creative Bus Sales Inc.

**Contact Name:** Ryan Frost

**Email:** ryanf@creativebussales.com

**Phone:** 800/326-2877

**Address:** Creative Bus Sales 13501 Benson Ave. Chino CA 91710-5232

**VID:** 14637326696

**Contractor:** Doggett Freightliner of South Texas, LLC

**Contact Name:** Mike Crockett

**Email:** Mike.Crockett@doggett.com

**Phone:** (210) 392-4079

**Address:** Mike Crockett Doggett Freightliner of South Texas, LLC 8700 Interstate 10 E Converse TX 78109-9722

**VID:** 16116747201

**Contractor:** Five Star Chevrolet

**Contact Name:** Alan Rosner

**Email:** alanr@spford.com

**Address:** Five Star Chevrolet PO Box 111846 Carrollton TX 78711

**VID:** 17415864226

**Contractor:** Grande Truck Center

**Contact Name:** Mike King

**Email:** mking@grandetruck.com

**Phone:** (210) 666-7133

**Address:** 4562 IH 10 East San Antonio TX 78219

**VID:** 17415863202

**Contractor:** Gunn Chevrolet

**Contact Name:** Danny Mireles

**Email:** Dmireles@Gunnauto.Com

**Phone:** (210) 599-5000

**Address:** Gunn Chevrolet 12602 Ih 35 North San Antonio TX 78233

**VID:** 17418678375

**Contractor:** Longhorn International Trucks LTD

**Contact Name:** Richard Woerndell

**Email:** Rwoerndell@Kyrishtrucks.Com

**Phone:** (512) 389-1111

**Address:** Longhorn International Trucks LTD P. O. Box 6260 Austin TX 78702

**VID:** 17529355327

**Contractor:** McKinney Dodge

**Contact Name:** Jeff Yarbrough

**Email:** Yarbroughjeff@Hotmail.Com

**Phone:** (972) 569-9650

**Address:** McKinney Dodge 700 S. Central Expy. P O Box 2590 Mckinney TX 75070

**VID:** 17415920168

**Contractor:** Morris Moore Chev-Buick Inc

**Contact Name:** Rick Brown

**Email:** rbrown.silsbeefleet@gmail.com

**Phone:** (409) 895-3860

**VID:** 17528272705

**Contractor:** Reliable Chevrolet

**Contact Name:** Douglas Adams

**Email:** Dadams@Reliablechevrolet.Com

**Phone:** (972) 952-1561

**Address:** Reliable Chevrolet 800 N. Central Expwy Richardson TX 75080

**VID:** 17510073228

**Contractor:** Sam Pack's Five Star Ford

**Contact Name:** Alan Rosner

**Email:** Bidtx@Spford.Com

**Phone:** (888) 835-3389

**Address:** Sam Pack's Five Star Ford 1635 Ih 35 E Carrollton TX 75006

**VID:** 17605331440

**Contractor:** Silsbee Ford

**Contact Name:** Jarrod Runnels

**Email:** fleetsales@outlook.com

**Phone:** (409) 895-3800

**Address:** Silsbee Ford Po Box 815 Silsbee TX 77656

**VID:** 12034629241

**Contractor:** Silsbee Toyota

**Contact Name:** Jarrod Runnels

**Email:** Robbie@Gitcha1.Com

**Phone:** (409) 895-3700

**Address:** Silsbee Toyota Po Box 815 Silsbee TX 77656

**VID:** 17603598370

**Contractor:** Texas Bus Sales Inc

**Contact Name:** Diane Ledet

**Email:** DIANNE@TEXASBUSSALES.COM

**Address:** Texas Bus Sales Inc 1605 W 34th Street Houston TX 77018

**VID:** 12020689506

**Contractor:** VED Heritage Properties Ltd.

**Contact Name:** Justin Clark

**Email:** Jclark@Volvomackwaco.Com

**Phone:** (254) 662-0911

**Address:** VED Heritage Properties Ltd. 1247 Sun Valley Rd Robinson TX 76706

**HUB Eligibility:** WO

**HUB Gender:** F



Texas Comptroller of Public  
Accounts

**Glenn Hegar**

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#### POLICIES

- Privacy and Security Policy
- Accessibility Policy
- Link Policy
- Public Information Act
- Compact with Texans
- Commonly Used Web Browsers

#### OTHER STATE SITES

- [texas.gov](http://texas.gov)
- Texas Records and Information Locator (TRAIL)
- State Link Policy
- Texas Veterans Portal

**AI -58838**

**15.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted By: Monica Badillo,  
EXECUTIVE OFFICE

Department: EXECUTIVE OFFICE

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Information

CAPTION

In accordance with Water Code Section 49.057 and Subchapter A of Government Code, Section 2254, requesting approval to select and award the firm of \_\_\_\_\_ for the provision of professional legal services/representation in connection with litigation and authority to submit letter of engagement

BACKGROUND

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Fiscal Impact

Attachments

*No file(s) attached.*

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Monica Badillo		Started On: 03/03/2017 10:42 AM
Final Approval Date: 03/03/2017		

**AI -58828**

**16. C.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted By: Monica Badillo,  
EXECUTIVE OFFICE

Department: EXECUTIVE OFFICE

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Information

CAPTION

Cause No. CCD-0388-E; Hidalgo County RMA v Hunt Valley Industrial I, LP and Hidalgo County Drainage District No. 1; Parcel No. 5P1

BACKGROUND

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Fiscal Impact

Attachments

*No file(s) attached.*

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Monica Badillo		Started On: 03/03/2017 09:38 AM
Final Approval Date: 03/03/2017		

**AI -58830**

**16. D.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted By: Monica Badillo,  
EXECUTIVE OFFICE

Department: EXECUTIVE OFFICE

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Information

CAPTION

Cause No. CCD-0393-E; Hidalgo County RMA v. S. Foss Jones and Hidalgo County Drainage District No. 1; Parcel No. 80C

BACKGROUND

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Fiscal Impact

Attachments

*No file(s) attached.*

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Monica Badillo		Started On: 03/03/2017 09:42 AM
Final Approval Date: 03/03/2017		

**AI -58832**

**16. E.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted By: Monica Badillo,  
EXECUTIVE OFFICE

Department: EXECUTIVE OFFICE

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Information

CAPTION

Cause No. CCD-0394-A; Hidalgo County RMA v Hidalgo County Irrigation  
District No. 19 and Hidalgo County Drainage District No. 1; Parcel No. 6P2

BACKGROUND

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Fiscal Impact

Attachments

*No file(s) attached.*

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Monica Badillo		Started On: 03/03/2017 09:52 AM
Final Approval Date: 03/03/2017		

**AI -58848**

**16. F.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted For: Lora Briones

Submitted By: Lora Briones, DRAINAGE  
DISTRICT

Department: DRAINAGE DISTRICT

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Information

CAPTION

Pending litigation regarding matters related to the 2012 Bond Election.

BACKGROUND

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Fiscal Impact

Attachments

*No file(s) attached.*

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**Form Review**

**Inbox**

**Reviewed By**

**Date**

Final Approval

Monica Badillo

03/03/2017 05:18 PM

Form Started By: Lora Briones

Started On: 03/03/2017 02:46 PM

Final Approval Date: 03/03/2017

**AI -58829**

**17. C.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted By: Monica Badillo,  
EXECUTIVE OFFICE

Department: EXECUTIVE OFFICE

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Information

CAPTION

Cause No. CCD-0388-E; Hidalgo County RMA v Hunt Valley Industrial I, LP and Hidalgo County Drainage District No. 1; Parcel No. 5P1

BACKGROUND

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Fiscal Impact

Attachments

*No file(s) attached.*

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Monica Badillo		Started On: 03/03/2017 09:39 AM
Final Approval Date: 03/03/2017		

**AI -58831**

**17. D.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted By: Monica Badillo,  
EXECUTIVE OFFICE

Department: EXECUTIVE OFFICE

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Information

CAPTION

Cause No. CCD-0393-E; Hidalgo County RMA v. S. Foss Jones and Hidalgo County Drainage District No. 1; Parcel No. 80C

BACKGROUND

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Fiscal Impact

Attachments

*No file(s) attached.*

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Monica Badillo		Started On: 03/03/2017 09:45 AM
Final Approval Date: 03/03/2017		

**AI -58833**

**17. E.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted By: Monica Badillo,  
EXECUTIVE OFFICE

Department: EXECUTIVE OFFICE

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Information

CAPTION

Cause No. CCD-0394-A; Hidalgo County RMA v Hidalgo County Irrigation  
District No. 19 and Hidalgo County Drainage District No. 1; Parcel No. 6P2

BACKGROUND

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Fiscal Impact

Attachments

*No file(s) attached.*

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Monica Badillo		Started On: 03/03/2017 09:53 AM
Final Approval Date: 03/03/2017		

**AI -58857**

**17. F.**

**DRAINAGE DISTRICT**

Meeting Date: 03/07/2017

Submitted By: Monica Badillo,  
EXECUTIVE OFFICE

Department: EXECUTIVE OFFICE

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Information

CAPTION

Pending litigation regarding matters related to the 2012 Bond Election.

BACKGROUND

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Fiscal Impact

Attachments

*No file(s) attached.*

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**Form Review**

<b>Inbox</b>	<b>Reviewed By</b>	<b>Date</b>
Final Approval	Monica Badillo	03/03/2017 05:18 PM
Form Started By: Monica Badillo		Started On: 03/03/2017 04:19 PM
Final Approval Date: 03/03/2017		