#### **ADDENDUM NO. 1**

TO:	ALL PLANHOLDERS						
DATE:	January 25, 2019						
RE:	Edinburg South Central Original Townsite Drainage Improvements RFP #2019-12						
BID OPENING: Edinburg City Hall	Monday, January 28, 2019 at 3:00 pm at City Secretary's Office at 415 W. University Drive, Edinburg, TX 78541						
Gentlemen:							
You are hereby notifithe above mentioned	ied of the following changes to the plans, proposal, and/or specifications for project.						
on several sec undisturbed a HP storm sew PLANS:	osal – revised proposal includes the addition of trench excavation protection ctions of the proposal; paving improvements will only be milled 1" of asphalt; and clarification on the ALTERNATE BID that all pipe will be ADS wer pipe.						
Please acknowledge REVISED PROPOSA	the receipt of this addendum in the place shown below and return with your AL.						
Thank you,							
MELDEN AND HUI	NT, INC.						
Mario A. Reyna, P.E.							
Project Engineer							
Contractor's Signatur	re Date						

#### REVISED PROPOSAL BID FOR UNIT PRICE CONTRACT

Place: Edinburg, Texas  Date: January 28, 2019
Proposal of (hereinafter called "Bidder) * a corporation,
organized and existing under the laws of the State of, * a partnership, or an
individual doing business as
To the City of Edinburg
(hereinafter called "Owner")
Gentlemen:
The Bidder, in compliance with your invitation for bids for the <u>South Central Original Townsite Drainage Improvements</u> , City of Edinburg, having examined the plans and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project including the availability of materials, and supplies, and to construct the project in accordance with the contract documents, of which this proposal is a part.
Bidder hereby agrees to commence work under this contract on or before a date to be specified in written "Notice to Proceed" of the Owner and to fully complete the project within calendar days thereafter as stipulated in the specifications. Bidder further agrees to pay as liquidated damages, the sum of _\$500.00 for each consecutive calendar day thereafter as hereinafter provided in Paragraph 41 of the General Conditions.
Bidder acknowledges receipt of the following addendum:
*Insert corporation, partnership or individual as applicable.

### ENGINEER'S ESTIMATE OF QUANTITIES – APPROXIMATE ONLY

<u>No.</u>	<u>Item</u>	Quantity	<u>Unit</u>	Unit <u>Price</u>	Total Price	
STORM SEWER IMPROVEMENTS: Sprague Street (19th Ave to 8th Ave						
1.	24" Storm sewer (6'-8' cut)	150	LF	=		
2.	24" Storm sewer (8'-10' cut)	100	LF			
3.	36" Storm sewer (10'-12' cu	t) 347	LF			
4.	42" Storm sewer (10'-12' cu	t) 474	LF		(4	
5.	42" Storm sewer (12'-14' cu	t) 566	LF			
6.	42" Dry bore Class V ASTM C-76 (12'-14' cut)	I 120	LF			
7.	48" Storm sewer (12'-14' cu	t) 480	LF	<u> </u>		
8.	48" Storm sewer (14'-16' cu	t) 607	LF			
9.	72" Storm sewer (10'-12' cu	t) 240	LF			
10.	72" Storm sewer (12'-14' cu	t) 1078	LF			
11.	72" Storm sewer (14'-16' cu	t) 125	LF		<u></u>	
12.	Trench excavation protection	4271	LF		¥	
13.	60" Manhole (10'-12' cut)	1	EA	7 <u></u>	<u>4</u>	
14.	72" Manhole (10'-12' cut)	2	EA	· — — — — — — — — — — — — — — — — — — —	<del></del> :	
15.	Type "A" curb inlet (6'-8' cu	it) 5	EA			

Revised	Proposal
Page 3	

16.	Type "A" curb inlet (8'-10' cut)	8	EA		
17.	Type "CC" grate inlet (6'-8' cut)	2	EA	13	
18.	Junction box #1 (Bid to be inclusive connections; excavation protection; concrete; foundation: base foundation preparation; subgrade preparation; traffic control; bypass pumping (if required); dewatering (if required) Pavement repair; complete in place.)	n );	p Sum		
19.	Junction box #2 (Bid to be inclusive connections; excavation protection; concrete; foundation: base foundation preparation; subgrade preparation; traffic control; bypass pumping (if required); dewatering (if required) pavement repair; complete in place).	1	Sum		
20.	Junction box #3 (Bid to be inclusive of connections; excavation protection; concrete; foundation: base foundation preparation; subgrade preparation; traffic control; bypass pumping (if required); dewatering (if required) pavement repair; complete in place.)	;	p Sum		
21.	Junction box #4 (Bid to be inclusive of connections; excavation protection; concrete; foundation: base foundation; preparation; subgrade preparation; traffic control; bypass pumping (if required); dewatering (if required) pavement repair; complete in place)	;	p Sum		
22.	Junction box #5 (Bid to be inclusive of connections; excavation protection; concrete; foundation: base foundation; preparation; subgrade preparation; traffic control; bypass pumping (if required); dewatering (if required) pavement repair; complete in place)	;	ıp Sum		21

23.	Junction box #6 (Bid to be inclusive of connections; excavation protection; concrete; foundation: base foundation preparation; subgrade preparation; traffic control; bypass pumping (if required); dewatering (if required); pavement repair; complete in place) Lump Sum	
24.	Junction box #7 (Bid to be inclusive of connections; excavation protection; concrete; foundation: base foundation preparation; subgrade preparation; traffic control; bypass pumping (if required); dewatering (if required); pavement repair; complete in place ) Lump Sum	
25.	Junction box #8 (Bid to be inclusive of connections; excavation protection; concrete; foundation: base foundation preparation; subgrade preparation; traffic control; bypass pumping (if required); dewatering (if required); pavement repair; complete in place) Lump Sum	
26.	Junction box #9 (Bid to be inclusive of connections; excavation protection; concrete; foundation: base foundation preparation; subgrade preparation; traffic control; bypass pumping (if required); dewatering (if required); pavement repair; complete in place) Lump Sum	
27.	Junction box #12 (Bid to be inclusive of connections; excavation protection; concrete; foundation: base foundation preparation; subgrade preparation; traffic control; bypass pumping (if required); dewatering (if required); pavement repair; complete in place) Lump Sum	

28.	Junction box #13 (Bid to be inclusive connections; excavation protection; concrete; foundation: base foundation; preparation; subgrade preparation; traffic control; bypass pumping (if required); dewatering (if required pavement repair; complete in place)	on l);	p Sum	
29.	Remove exist storm pipes, manholes Inlets, etc.	s, Lump	Sum	·
30.	Traffic control as per plan	Lump	Sum	
NOTE	: Manholes & inlets to include conne	ections	to existi	ng pipes as per plan.
Total S	Storm Sewer for Sprague Street: (19 <sup>th</sup>	h to 8 <sup>th</sup> .	Ave)	\$
PAVII	NG IMPROVEMENTS: Sprague Stro	eet (19 <sup>t</sup>	h Ave to	8 <sup>th</sup> Ave)
1.	Salvaged 8" compacted caliche Base w/prime coat	9072	SY	
2.	Mill 1" of undisturbed asphalt	9072	SY	
3.	2" Hot mix asphaltic concrete With tack coat (2 courses 1" each)	18145	SY	<del></del>
4.	Striping & markings (match existing	Lump	Sum	· · · · · · · · · · · · · · · · · · ·
Total I	Paving Improvements: Sprague Stree	t (19 <sup>th</sup> t	o 8 <sup>th</sup> )	\$
STOR	M SEWER IMPROVEMENTS: 8th A	AVE (S	prague t	o Champion)
1.	30" Storm sewer (8'-10' cut)	250	LF	
2.	30" Storm sewer (10'-12' cut)	500	LF	
3.	Trench excavation protection	750	LF	

4.	72" Manhole (8'-10' cut) includes Pipe connections	1	EA		
5.	Type "A" curb inlet (8'-10' cut)	1	EA	· · · · · · · · · · · · · · · · · · ·	·
6.	Type "CC" grate inlet (8'-10' cut)	1	EA		
7.	Type "CC" grate inlet (10'-12' cut)	2	EA		
8.	Remove exist storm pipe, manholes, Inlets, etc.	Lump	Sum		
9.	Traffic Control as per plan	Lump	Sum		
NOTE.	: Manholes & inlets to include conne	ctions i	to existii	ng pipes as p	er plan.
Total S	Storm Sewer for 8th Street: (Sprague t	o Char	npion):	\$	
PAVIN	NG IMPROVEMENTS: 8th Ave. (Spr	ague to	o Champ	pion)	
1.	Salvaged 8" compacted caliche Base w/prime coat	968	SY	G	1
2.	2" Hot mix asphaltic concrete With tack coat (2 courses 1" each)	968	SY		
Total P	aving Improvements: 8th Ave. (Spra	gue to	Champi	on) \$	
STOR	M SEWER IMPROVEMENTS: 12 <sup>th</sup>	Ave (S	prague	to Champion	)
1.	24" Storm sewer (6'-8' cut)	240	LF		
2.	24" Storm sewer (12'-14' cut)	730	LF		\ <del></del>
3.	60" Manhole (12'-14' cut)	2	EA		
4.	72" Manhole (12'-14' cut)	1	EA		÷
5.	Type "CC" grate inlet (6'-8' cut)	8	EA	S	
6.	Traffic control as per plan	Lump	Sum		

NOTE	NOTE: Manholes & inlets to include connections to existing pipes as per plan.						
Total Storm Sewer Improvements: 12 <sup>th</sup> Ave (Sprague to Champion) \$							
PAVING IMPROVEMENTS: 12th Ave. (Sprague to Champion)							
1.	Salvaged 8" compacted caliche Base w/prime coat	1117	SY				
2.	Mill 1" of undisturbed asphalt	2235	SY				
3.	2" Hot mix asphaltic concrete With tack coat (2 courses 1" each)	3352	SY				
4.	Striping & markings (match existing	g) Lum <sub>]</sub>	p Sum				
Total 1	Paving Improvements: 12 <sup>th</sup> Ave. (Sp	rague t	o Chan	npion) \$			
STORM SEWER IMPROVEMENTS: 15 <sup>th</sup> Ave. (Sprague to Champion)							
1.	24" Storm sewer (0'-6' cut)	30	LF				
2.	24" Storm sewer (6'-8' cut)	120	LF				
3.	24" Storm sewer (10'-12' cut)	227	LF	· · · · · · · · · · · · · · · · · · ·			
4.	24" Storm sewer (12'-14' cut)	500	LF				
5.	60" Manhole (12'-14' cut)	1	EA	1			
6.	72" Manhole (10'-12' cut)	1	EA				
7.	Type "CC" grate inlet (0'-6' cut)	2	EA				
8.	Type "CC" grate inlet (6'-8' cut)	4	EA				
9.	Traffic Control as per plan	Lump	Sum				

10.	Trench excavation protection	877	LF	V	
NOTE	: Manholes & inlets to include conne	ctions t	o existi	ng pipes as pe	er plan.
Total S	Storm Sewer Improvements: 15 <sup>th</sup> Ave	(Sprag	gue to C	Champion) \$_	
PAVI	NG IMPROVEMENTS: 15 <sup>th</sup> Ave. (S	prague	to Cha	mpion)	
1.	Salvaged 8" compacted caliche Base w/prime coat	875 S	SY	-	
2.	Mill 1" of undisturbed asphalt	1750 S	SY		
3.	2" Hot mix asphaltic concrete With tack coat (2 courses 1" each)	2625	SY		
4.	Striping & markings (match existing)	) Lump	Sum		
	Paving Improvements: 15 <sup>th</sup> Ave. (Spr				10 <sup>th</sup> Ave)
1.	15" PVC SDR26 (0'-6' cut)	400	LF		(t
2.	15" PVC SDR26 (6'-8' cut)	500	LF		
3.	15" PVC SDR26 (8'-10' cut)	585	LF		
4.	Manhole (0'-6' cut)	1	EA		
5.	Manhole (6'-8' cut)	1	EA		
6.	Manhole (8'-10' cut)	1	EA	-	
7.	Bore 24" steel casing - dry bore	120	LF		
8.	Connect to existing manhole	2	EA		
9.	4" Sanitary Sewer services	40	EA	<u> </u>	

### Revised Proposal Page 9

10.	Trench excavation protection	1485	LF	·
NOTE	: Manholes & inlets to include conne	ctions i	to existi	ng pipes as per plan.
Total S	Sanitary Sewer Improvements: Sprag	ue		\$
WATE	ER IMPROVEMENTS:			
1.	12" waterline	400	LF	
2.	12" Coupling	10	EA	19
3.	12" Gate valves	10	EA	
4.	<sup>3</sup> / <sub>4</sub> " water services	40	EA	
5.	6" waterline	800	LF	<del></del>
6.	6" Coupling	10	EA	
7.	6" Gate valve	10	EA	
Total V	Water Improvements:			\$
CROS	SING AT CLOSNER:			
1.	. Grout and fill existing sanitary Lump Sum sewer line within TXDOT right-of-way			\$
Total Crossing at Closner:				\$
Calend	dar Days:			<b>\$</b>
Total 1	Improvements:			<b>\$</b>

(Total In Words)

#### **ALTERNATE BID:**

Storm	Sewer Improvements:				
1.	24" ADS HP storm sewer pipe (0'-6' cut)	30	LF		
2.	24" ADS HP storm sewer pipe (6'-8' cut)	510	LF		
3.	24" ADS HP storm sewer pipe (8'-10' cut)	100	LF		
4.	24" ADS HP storm sewer pipe (10'-12' cut)	227	LF		
5.	24" ADS HP storm sewer pipe (12'-14' cut)	1230	LF		
Total A	Alternate Bid:			\$	
	pove unit prices shall include all labo insurance, etc., to cover the finished wo	-	-	<u> </u>	
Bidder understands that the Owner reserves the right to reject any or all bids and to waive any informalities in the bidding.  The bidder agrees that this bid shall be good and may not be withdrawn for a period of 30 calendar days after the scheduled closing time for receiving bids.  Upon receipt of written notice of the acceptance of this bid, bidder will execute the formal contract attached within 10 days and deliver a Surety Bond or Bonds as required by Paragraph 46 of the General Conditions. The Bid security attached in the sum is to become the property of the Owner in the event the contract and bond are not executed within the time above set forth, as liquidated damages for the delay and additional expense to the Owner cause thereby.					
				Respectfully submitted:	
				By:	
(SEAL	-if bid us by a corporation).				
				(Business Address & Zin Code)	

### **GENERAL CONSTRUCTION NOTES**

. THE INFORMATION SHOWN ON THESE DRAWINGS INDICATING TYPE AND LOCATION OF UNDERGROUND UTILITIES AND ELECTRICAL UTILITIES IS NOT GUARANTEED TO BE EXACT OR COMPLETE. THE LOCATIONS AND SIZES HAVE BEEN TAKEN FROM FIELD WORK AND EXISTING RECORDS AND THE BEST AS-BUILT INFORMATION AVAILABLE; HOWEVER, IT IS EXPECTED THAT THERE MAY BE SOME DISCREPANCIES IN THE LOCATIONS, QUALITIES AND SIZES SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT TYPE, SIZE AND LOCATION OF ALL UTILITIES AFFECTED BY THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL ARRANGE FOR THE REPAIR AND RESTORATION OF CONTRACTOR DAMAGED UTILITIES. THE COST OF ANY REPAIR OR REPLACEMENT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE CURRENT LINE SPOTTING TOLL FREE NUMBER AND COORDINATE WITH ALL THE UTILITY COMPANIES FOR ACTUAL LOCATING AND UNCOVERING OF EXISTING LINES PRIOR TO EXCAVATION OPERATIONS.

2. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE PROJECT ENGINEER OF ANY UNREPORTED OBSTACLES THAT MAY IMPEDE OR PREVENT THE PROPER CONSTRUCTION OF THIS PROJECT.

3. ALL CONSTRUCTION OPERATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THE APPLICABLE STATE STATUES AND THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REGULATIONS COPIES OF THE O.S.H.A. STANDARDS MAY BE PURCHASED FROM THE U.S. GOVERNMENT PRINTING OFFICE. INFORMATION AND RELATED REFERENCE MATERIALS MAY BE OBTAINED FROM O.S.H.A. AT 611 EAST 6TH STREET, ROOM 303, AUSTIN, TEXAS.

4. THE CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A SAFE, NEAT AND WORKMAN LIKE MANNER AT ALL TIMES. JOB SAFETY SHALL NOT BE COMPROMISED. ANY UNSAFE OR UNATTRACTIVE NUISANCE SHALL BE REMOVED OR OTHERWISE TAKEN CARE OF BY THE CONTRACTOR WHEN DIRECTED BY THE OWNER OR PROJECT ENGINEER.

5. EXCAVATIONS, TRENCHES AND OTHER HAZARDOUS AREAS SHALL BE ADEQUATELY PROTECTED BY BARRICADES, FENCING, LIGHTS AND/OR OTHER PROTECTIVE DEVICES AT ALL TIMES.

6. CONSTRUCTION OF THIS PROJECT WILL BE SUBJECT TO INSPECTIONS AND TESTING AS DEEMED NECESSARY OR APPROPRIATE BY THE ENGINEER AND/OR THE CITY OF EDINBURG. THE CONTRACTOR SHALL FURNISH INCIDENTAL LABOR AND EQUIPMENT TO ALLOW THE TESTING PERSONAL ACCESS TO THE WORK AND WILL COOPERATE FULLY WITH THE PERSONS CONDUCTING THE TESTING AND

7. A PART OF THE WORK THAT IS NECESSARY OR REQUIRED TO MAKE EACH SYSTEM OR INSTALLATION SATISFACTORY AND OPERABLE FOR ITS INTENDED PURPOSE, EVEN THOUGH IT IS NOT SPECIFICALLY INCLUDED IN THE SPECIFICATIONS OR DRAWINGS, SHALL BE PERFORMED AS INCIDENTAL WORK AS IF IT WERE DESCRIBED IN THE SPECIFICATIONS AND SHOWN ON THE DRAWINGS.

8. THE DRAWINGS DO NOT ALWAYS INDICATE ALL VERTICAL BENDS AND TRANSITIONS. WHEN NECESSARY, MAKE VERTICAL TRANSITIONS BY A DEFLECTION AT THE JOINTS OR THE INSTALLATION OF FITTINGS. DO NOT DEFLECT PIPE JOINTS MORE THAN 100% OF THE MANUFACTURERS RECOMMENDATION.

9. ALL PIPING MUST BE INSTALLED WITH A MINIMUM OF 36-INCHES OF COVER UNLESS OTHERWISE NOTED ON THE PLANS.

10. ALL EXCAVATION FOR THIS PROJECT SHALL BE UNCLASSIFIED.

11. ALL UTILITIES WHICH ARE TO REMAIN AND WHICH ARE DAMAGED OR REMOVED WILL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

12. PIPE SHALL BE BACKFILLED WITH JOINTS EXPOSED FOR TESTING, BEFORE NEW JOINTS ARE COVERED. PRESSURE LINES ARE TO BE HYDROSTATICALLY TESTED AT NOT LESS THAN 150 PSIG FOR A PERIOD OF TWO HOURS. THE OWNER SHALL OBSERVE AND APPROVE OR REJECT THE TEST. REPAIRS, IF REQUIRED, SHALL BE MADE AND THE LINE SHALL BE RETESTED UNTIL APPROVED. TEST SHALL NOT BEGIN UNTIL THRUST BLOCKS HAVE AGED A MINIMUM OF 24 HOURS.

13. AS SOON AS PRACTICAL, ALL PORTIONS OF EXCAVATIONS NOT OCCUPIED BY THE PERMANENT STRUCTURE SHALL BE BACKFILLED.

14. WHERE WATER LINE INTERSECTS SANITARY SEWER SYSTEM MAINS AT LESS THAN 9.0 FEET SEPARATION, THE CONTRACTOR SHALL INSTALL A 20 FOOT SECTION OF C-900 PVC PRESSURE PIPE CENTERED ON THE POINT OF INTERSECTION.

15. CONTRACTOR SHALL REMOVE AND REINSTALL ALL SIGNS, MAILBOXES, FENCES, CULVERTS AND OTHER ITEMS IN WAY OF THE WORK.

16. CONTRACTOR SHALL REPAIR ALL OPEN CUTS OF PAVED AREAS BACK TO BETTER THAN "AS-IS" CONDITION WITH LIKE MATERIALS.

 PROVIDE INTERIM DRAINAGE DURING CONSTRUCTION AS REQUIRED. USE PUMPS, TEMPORARY DITCHES, ETC. TO MAINTAIN A WELL DRAINED SITE FREE OF STANDING WATER AND WATER SOFTENED

18. ANCHOR ALL UNDERGROUND PRESSURE PIPING AS NECESSARY TO PREVENT MOVEMENT UNDER PRESSURE TEST AND SERVICES.

19. ALL REINFORCING STEEL SHALL CONFORM TO ASTM SPECIFICATION A-165, GRADE 60 ALL BARS SHALL CONFORM TO ASTM SPECIFICATION A-305.

20. ALL CONCRETE AND FORM WORK SHALL CONFORM TO CURRENT ACI CODE REQUIREMENTS.

21. THE CONTRACTOR SHALL EXERCISE EXTRA CARE TO PREVENT DAMAGE TO ALL OTHER STRUCTURES IN THE AREA INCLUDING BUILDINGS, FENCES, ROADS, PIPELINES, UTILITIES, ETC., WHETHER PUBLICLY OR PRIVATELY OWNED.

22. UNTIL ACCEPTANCE BY THE ENGINEER OF ANY OR ALL OF THE CONSTRUCTION, AS PROVIDED FOR IN THE PLANS AND SPECIFICATIONS, AND ACCEPTANCE BY THE PROPER UTILITY PROVIDER, IT SHALL BE UNDER THE CHARGE AND CARE OF THE CONTRACTOR. THE CONTRACTOR SHALL TAKE EVERY NECESSARY PRECAUTION AGAINST TO ANY PART OF THE WORK. THE CONTRACTOR SHALL REBUILD REPAIR, RESTORE AND MAKE GOOD, AT HIS OWN EXPENSE, OF ALL THE DAMAGE TO ANY PORTION OF THE WORK BEFORE ITS ACCEPTANCE.

23. NO OPEN TRENCHES OR EXCAVATION SHALL BE LEFT OPEN OVERNIGHT.

24. ALL WATERLINE TAPS AND WATER METERS SHALL BE INSTALLED BY CONTRACTOR. COORDINATE WITH THE CITY OF EDINBURG BEFORE COMMENCING ANY UTILITY WORK.

25. COORDINATE ALL UTILITY WORK WITH THE PLUMBING PLANS BEFORE COMMENCING ANY UTILITY WORK. REFER TO PLUMBING PLANS FOR CONTINUATION.

26. COORDINATE WITH GRADING PLANS FOR WATER LINE, STORM AND SANITARY SEWER LINES INSTALLATION.

27. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, INCLUDING THOSE FROM THE CITY OF EDINBURG, PRIOR TO START OF CONSTRUCTION.

28. THE TOP ELEVATIONS OF MANHOLES AND CLEANOUTS CONSTRUCTED IN PAVED AREAS SHALL MATCH FINISHED PAVEMENT GRADE. THE TOP ELEVATIONS OF MANHOLES AND CLEANOUTS CONSTRUCTED IN GRASSED AREAS SHALL BE SIX INCHES ABOVE FINISHED GRADE (UNLESS OTHERWISE NOTED ON PLANS).

29. CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING TO VERIFY EXISTING CONDITIONS.

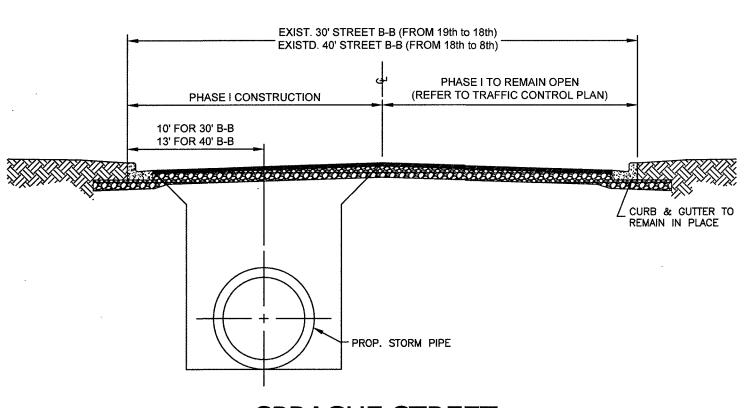
30. REFER TO GEOTECH REPORT BEFORE INSTALLATION OF DRIVES AND PARKING AREAS.

31. BOTH SITE AND BUILDING CONTRACTORS TO VERIFY EXISTING SITE ELEVATIONS PRIOR TO POURING CONCRETE TO VERIFY ACCESIBILITY.

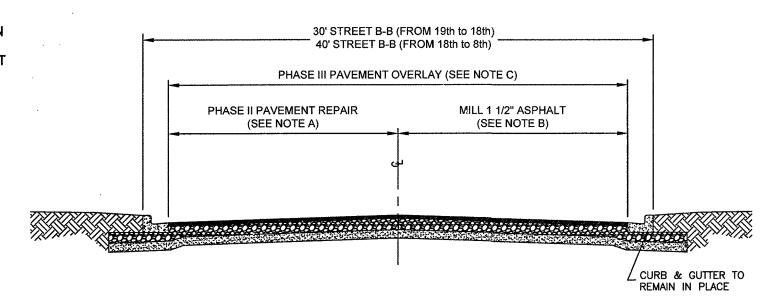
32. PERMIT NEEDED FROM CITY OF EDINBURG BUILDING DEPARTMENT AND PRE-CONSTRUCTION CONFERENCE NEEDED WITH CITY OF EDINBURG.

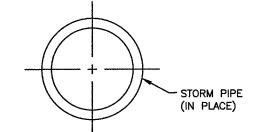
33. CONTRACTOR TO LEAVE OPENINGS IN CURB AT SIDEWALK RAMP LOCATIONS.

34. CONSULT WITH PROPERTY OWNER BEFORE RELOCATING EXISTING FENCES THAT MIGHT BE IN THE WAY OF THE CONSTRUCTION AREA AND/OR CONSTRUCTION PLANS.

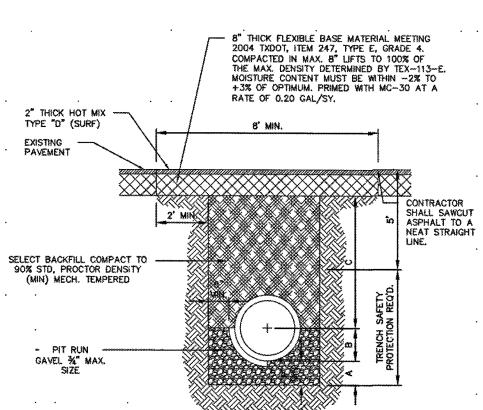


# SPRAGUE STREET PHASE I CONSTRUCTION





# SPRAGUE STREET PHASE II & III CONSTRUCTION



## STANDARD PIPE BEDDING

A. GRAVEL (3/4" MAX. SIZE) BEDDING PLACED BEFORE PIPE IS LAID UP TO FLOW LINE OF PIPE. (MIN. THICKNESS = 6")

UNDER EXISTING PAVEMENT OR PROP. PAVEMENT

- B. GRAVEL BACK FILL PLACED AFTER PIPE IS LAID FROM BOTTOM OF PIPE TO SPRING LINE OF PIPE. (4" LIFTS, MECH. TAMPED).
- C. FILL TRENCH W/SELECT BACKFILL ( PI<20 ), W/12" LIFTS COMPACT TO 95% STD. PROCTOR
- FOUNDATION PREPARATION (WELLPOINTS, GRAVEL AND/OR CEMENT STABILIZATION, OR APPROVED SUBSTITUTE) SHALL BE REQUIRED WHEN TRENCH BOTTOM IS UNSTABLE.

BACK FILLING AT STRUCTURES SHALL BE PLACED IN UNIFORM LAYERS, MOISTENED AS REQUIRED TO APPROXIMATE OPTIMUM MOISTURE CONTENTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY. THE THICKNESS OF EACH LOOSE LAYER SHALL BE SAND, APPROVED SITE SOIL OR OTHER

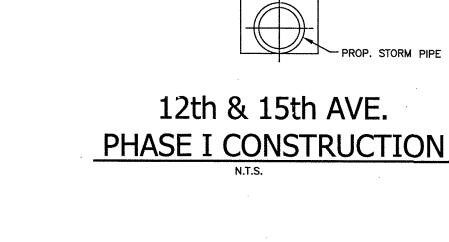
### PAVING NOTES

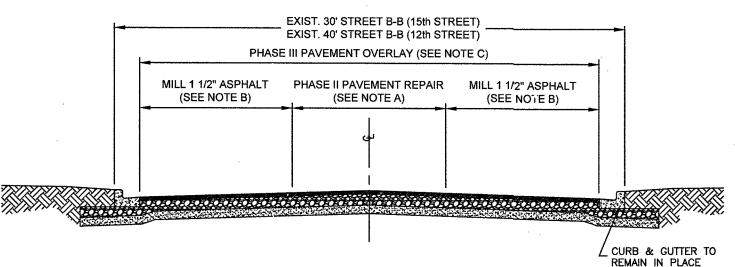
A. 8" THICK LIME TREATED (3% BY WEIGHT) FLEXIBLE BASE MATERIAL MEETING 2004 TXDOT ITEM 247, TYPE E GRADE 4, COMPACTED IN MAX 8" LIFTS TO 100% OF THE MAX. DENSITY **DETERMINED BY TEX-113-E. MOISTURE CONTENT** MUST BE WITHIN -2% TO +3% OF OPTIMUM, PRIMED WITH MC-30 AT A RATE OF 0.20 GAL/SY

(EXISTING ASPHALT & FLEXIBLE BASE WILL BE SALVAGED AND USED IN LIEU OF NEW BASE MATERIAL. REFER TO SPECIFICATIONS)

 $\sim\sim\sim\sim\sim$ B. MILL 1" UNDISTURBED ASPHALT AND DISPOSE OF AS PER ENGINEER AND/OR CITY. 

C. 2" THICK HOT MIX TY D (SURF) TO BE PLACED IN 2-COURSES (1" EACH)





EXIST. 30' STREET B-B (15th STREET)

PHASE I CONSTRUCTION

EXIST. 40' STREET B-B (12th STREET)

(IN PLACE)

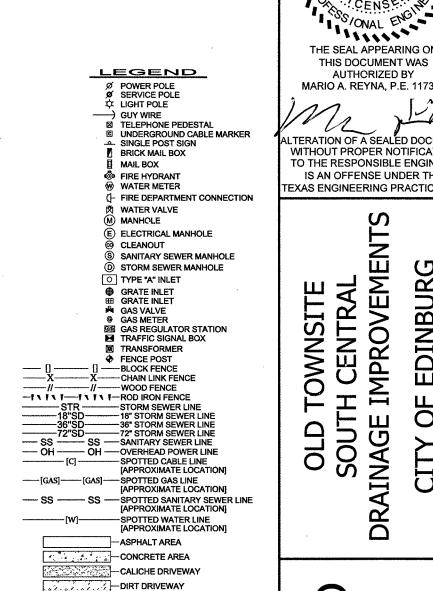
## 12th & 15th AVE. PHASE II & III CONSTRUCTION

TEXAS GAS SERVICE RENE C. CASARES, P.E. **ENGINEERING MANAGER** WORK PHONE: (956) 444-3967 CELL PHONE: (956) 357-2331 EMAIL:

RENE.CASARES@ONEGAS.COM

FRANCISCO GONZALEZ WORK PHONE: (956) 283-2306 CELL PHONE: (956) 223-9748

WATER & SEWER CITY OF EDINBURG



B-B - BACK OF CURB TO BACK OF CURB

CURB & GUTTER TO REMAIN IN PLACE

OLD TOWNSITE SOUTH CENTRAL DRAINAGE IMPROVEME 

JOB No.

18115.01

MELDEN

MELDEN & HUNT, INC **TEXAS REGISTRATION F-1435** 

MARIO A. REYNA

117368

CENSE

THE SEAL APPEARING ON

THIS DOCUMENT WAS

AUTHORIZED BY

MARIO A. REYNA, P.E. 117368

TERATION OF A SEALED DOCUMEN

WITHOUT PROPER NOTIFICATION

TO THE RESPONSIBLE ENGINEER

IS AN OFFENSE UNDER THE

EXAS ENGINEERING PRACTICE L

DINBURG

STATE OF TE

EGEN Z Z V

NER B B

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Y:\Municipa\\Edinburg,City of\18115.01 Old Townsite South Drainage\DWG\18115.01 REVISED.dwg, 1/25/2019 2:07:49 PM, Reyes

SCALE: 1" = 200' BEGIN 15TH AVE. BUS. 281 (TXDOT) STORM LINE DRY BORE STA. 0+00 **BEGIN SPRAGUE** STORM LINE STA. 0+00 **BEGIN 12TH AVE. BEGIN 15TH AVE** 19TH STREET STORM LINE STORM LINE STA. 0+00 STA. 0+00 22+00 23+00 24+00 34+00 35+00 , 36+00 **BEGIN 8TH AVE** STORM LINE STA.0+00 32202 -T2 END 15TH AVE END 12TH AVE. **END 8TH AVE** STORM LINE STORM LINE STORM LINE