

Date: June 4, 2024
To: All Vendors

Subject: Addendum #1

REFERENCE: B046-24 Water Valve Replacement, Phase 4

This Addendum forms part of the contract and clarifies, corrects or modifies original bid document.

Attached is the REVISED BID SCHEDULE, along with the updated plans.

Use the attached Revised Bid Schedule when submitting a bid response.

DO NOT SUBMIT PRICING WHEN ACKNOWLEDING RECEIPT OF THE ADDENDUM.

The signature of the company agent, for the acknowledgement of this addendum, shall be required. Complete information below and return via e-mail to: dsolitaire@brownsville-pub.com.

I hereby acknowledge receipt of this addendum.						
Company:						
Agent Signature:						
Address:						
City:		Zip:				
Phone Number:	E-mail add	lress:				
If you have any further of	questions about the Bid, c	eall 956-983-6366.				

BY: Diane Solitaire

Purchasing

REVISED BID SCHEDULE

BID B046-24

Place: BPUB Purchasing Department 1155 FM 511, Olmito, TX 78575 Due Date: May 29, 2024 at 5:00 PM

Bid of				nereinafte:	r called "BII	DDER," a
	(insert ty	ype of legal ent	ity e.g. coi	rporation,	partnership,	individual
with d/b/a, etc.) or		• • • • • • • • • • • • • • • • • • • •			· · ·	
To: the "OWNER."	Public Utilities Bo	oard of the City	y of Brown	nsville, T	exas, hereina	fter called
Gentlemen:						
The unders VALVE REPLACE with related Document the federal, state including the available equipment and suppose within the time set additive/deductive	ments and visited t and local conditional lability of material oplies, and to const t forth herein, and	E 4, having reach the site of the properties surrounding ls and labor, her truct the project at the Total Base	d and exam roposed Wo the construction to the the the construction to the	ined the I ork, and be ruction or ses to furning with to out prior	Plans and Speeing familiar f the propose nish all labor, the contract of to OWNER	ecifications with all of ed project, materials, documents,
expenses incurred	in performing the	Work required 1			price(s) are to	
bid is a part. Thes accepted by OWN	se price(s) are firm	and shall not b	e subject to	adjustme	ent, provided	this Bid is
BIDDER h specified in a writt	ereby agrees to co				on or before a	date to be

BIDDER agrees to perform all Work for which he contracts as described in the Plans and Specifications for the unit prices and/or lump sums shown on the attached Bid Schedule.

REVISED BID SCHEDULE

BID SCHEDULE BASE BID – B046-24 BROWNSVILLE PUBLIC UTILITIES BOARD

The Bidder, in compliance with the Invitation for Bids for the <u>Water Valve Replacement</u>, <u>Phase 4</u>, having examined the scope of work and written Specifications, hereby proposes to furnish construction services for the following Unit prices and lump sums.

ITEM NO.	DESCRIPTION (Unit Price in Words)	EST. QTY.	UNIT	UNIT PRICE	TOTAL PRICE
1	Remove and Replace a 6" Gate Valve (including valve box and cover, adapter fitting, couplings, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for				
		6	EA	\$	\$
2	Remove and Replace an 8" Gate Valve (including valve box and cover, adapter fitting, couplings, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for Dollars				
	Dollars				
	AndCents	9	EA	\$	\$

3	Remove and Replace a 12" Gate Valve (including valve box and cover, adapter fitting, couplings, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for			
3	Dollars			
	AndCents	2	EA	\$ \$
4	Remove and Replace a 16" Butterfly Valve (including valve box and cover, adapter fitting, couplings, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for			
	Dollars			
	AndCents	3	EA	\$ \$
	Remove an 8" gate valve (including valve box and cover, adapter fitting, couplings, concrete encasement and all incidental labor, materials and			
5	equipment) Complete In-Place forDollars			
	AndCents			
		1	EA	\$ \$

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6	Remove and Replace a 6" x 6" Tee (including adapter fitting, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for Dollars			
	AndCents	2	EA	\$ \$
7	Remove and Replace an 8" x 8" Tee (including adapter fitting, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for			
	Dollars AndCents	2	EA	\$ \$
8	Remove and Replace a 12" x 12" Tee (including adapter fitting, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for			
	AndCents	2	EA	\$ \$

	Remove and Replace an 8" x 6" Tee			
	(including adapter fitting, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for			
9	Dollars			
	AndCents			
		4	EA	\$ \$
10	Remove and Replace a 16" x 8" Tee (including adapter fitting, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for			
	Dollars			
	AndCents	1	EA	\$ \$
11	Remove and Replace an 6" x 4" Cross (including adapter fitting, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for			
	Dollars			
	AndCents			
		1	EA	\$ \$

	1				
12	Furnish and Install Hot Mix Asphaltic Paving Complete In-Place forDollars And Cents				
	Cents	650	SY	\$	\$
	Furnish and Install Concrete Curb and Gutter Repair Complete In-Place for	030	51	Ψ	¥
13	Dollars				
	And				
	Cents	200			
		300	LF	\$	\$
	Furnish and Install Concrete Valley Gutter Repair (3- FT Width) Complete In-Place for				
14	Dollars				
	AndCents	100	LF	\$	\$
	Furnish and Install Concrete Valley Gutter Repair (5- FT Width) Complete In-Place for				
15	Dollars				
	AndCents				
		100	LF	\$	\$

	Furnish and Install Concrete Sidewalk Repair Complete In-Place for			
16	Dollars			
	AndCents	500	SF	\$ \$
17	Furnish, Install and Remove a Signed and Sealed Traffic control plan by Registered Professional Engineer for each Location Complete In-Place for			
	Dollars			
	AndCents	13	EA	\$ \$
18	Furnish, Install and Remove a Signed and Sealed Traffic Trench Protection Plan by a Registered Professional Engineer in Texas			
	Dollars			
	AndCents	1	LS	\$ \$
19	Mobilization Complete In-Place for			
	Dollars			
	AndCents			
		1	LS	\$ \$

TOTAL AMOUNT OF BID (ITEMS 1-19): \$						
(written in words)						

REVSED BID SCHEDULE ADDITIVE ALTERNATE BID SCHEDULE BID - B046-24

BROWNSVILLE PUBLIC UTILITIES BOARD

The Bidder, in compliance with the Invitation for Bids for the <u>WATER VALVE REPLACEMENT</u> <u>PROJECT, PHASE 4</u> having examined the scope of work and written Specifications, hereby proposes to furnish construction services for the following Unit prices and lump sums.

Unit Price in Words)	QTY.	UNIT	INUE DDICE	
1 D 1 4" C 4		UNII	UNIT PRICE	TOTAL PRICE
e and Replace a 4" Gate including valve box and adapter fitting, couplings, the encasement and all tal labor, materials and tent) Complete In-Place for				
Dollars				
Cents				
	2	EA	\$	\$
e and Replace a 6" Gate including valve box and adapter fitting, couplings, the encasement and all tal labor, materials and the including tall complete In-Place for				
Dollars				
Cents	7	ΕA	e.	\$
1 1 1		adapter fitting, couplings, e encasement and all tal labor, materials and ent) Complete In-Place for	adapter fitting, couplings, e encasement and all tal labor, materials and ent) Complete In-Place for	adapter fitting, couplings, e encasement and all tal labor, materials and ent) Complete In-Place for

	'		1	T	,
3	Remove and Replace an 8" Gate Valve (including valve box and cover, adapter fitting, couplings, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for			6	
		4	EA	\$	\$
	Remove and Replace a 10" Gate Valve (including valve box and cover, adapter fitting, couplings, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for				
4					
	Dollars				
	And				
	Cents				
		1	EA	\$	\$
5	Remove and Replace a 16" Butterfly Valve (including valve box and cover, adapter fitting, couplings, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for				
	And				
	Cents				
		1	EA	\$	\$
		1	111	Ψ	Ψ

6	Remove an 8" gate valve (including valve box and cover, adapter fitting, couplings, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for Dollars AndCents			
		1	EA	\$ \$
7	Remove and Replace a 6" x 6" Tee (including adapter fitting, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for			
,	Dollars AndCents			
		3	EA	\$ \$
8	Remove and Replace an 8" x 8" Tee (including adapter fitting, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for			
	AndCents			
		1	EA	\$ \$

9	Remove and Replace an 10" x 10" Tee (including adapter fitting, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for	1	EA	\$	\$
10	Remove and Replace an 8" x 4" Tee (including adapter fitting, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for Dollars AndCents	1		*	*
		1	EA	\$	\$
11	Remove and Replace an 8" x 6" Tee (including adapter fitting, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for Dollars AndCents				
		1	EA	\$	\$

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	Remove and Replace an 10" x 10" 45° Bend (including adapter fitting, concrete encasement and all incidental labor, materials and			
12	equipment) Complete In-Place forDollars			
	AndCents			
	Remove and Replace a 16" x 6" Tee (including adapter fitting, concrete encasement and all	1	EA	\$ \$
13	incidental labor, materials and equipment) Complete In-Place for			
	Dollars			
	Cents	1	EA	\$ \$
14	Remove and Replace an 8" x 4" Reducer (including adapter fitting, concrete encasement and all incidental labor, materials and equipment) Complete In-Place for			
	Dollars			
	Cents	1	EA	\$ \$

curnish and Install Hot Mix Asphaltic Paving Complete In-Place for Dollars AndCents	150	CV	•	\$
urnish and Install Concrete Curb nd Gutter Repair	130	SI.	, co	, w
Dollars				
Cents	300	LF	\$	\$
Surnish and Install Concrete Valley Sutter Repair (3- FT Wide) Complete In-Place for				
Dollars				
andCents				
	100	LF	\$	\$
curnish and Install Concrete Valley Gutter Repair (5- FT Wide) Complete In-Place for				
Dollars				
andCents	100	LF	s	\$
	phaltic Paving complete In-Place for	pomplete In-Place for	pomplete In-Place for	sphaltic Paving complete In-Place for Dollars and Cents 150 SY \$ surnish and Install Concrete Curb di Gutter Repair complete In-Place for Dollars and Cents 300 LF \$ surnish and Install Concrete Valley atter Repair (3- FT Wide) complete In-Place for Dollars and Cents Dollars and Cents Dollars and Cents Too LF \$ surnish and Install Concrete Valley atter Repair (5- FT Wide) complete In-Place for Dollars and Cents Dollars and Cents Dollars and Cents

	T			
	Furnish and Install Concrete Driveway Repair Complete In-Place for			
19	Dollars			
	AndCents	150	SF	\$ \$
	Furnish and Install Concrete Sidewalk Repair Complete In-Place for			
20	Dollars			
	AndCents			
		250	SF	\$ \$
21	Furnish, Install and Remove a Signed and Sealed Traffic control plan by Registered Professional Engineer for each Location Complete In-Place for			
	Dollars			
	AndCents			
		13	EA	\$ \$

TOTAL AMOUNT OF ADDITIVE ALTERNATE BID (ITEMS 1-21):

\$						
•	•	•	(written in wo	rds)	•	

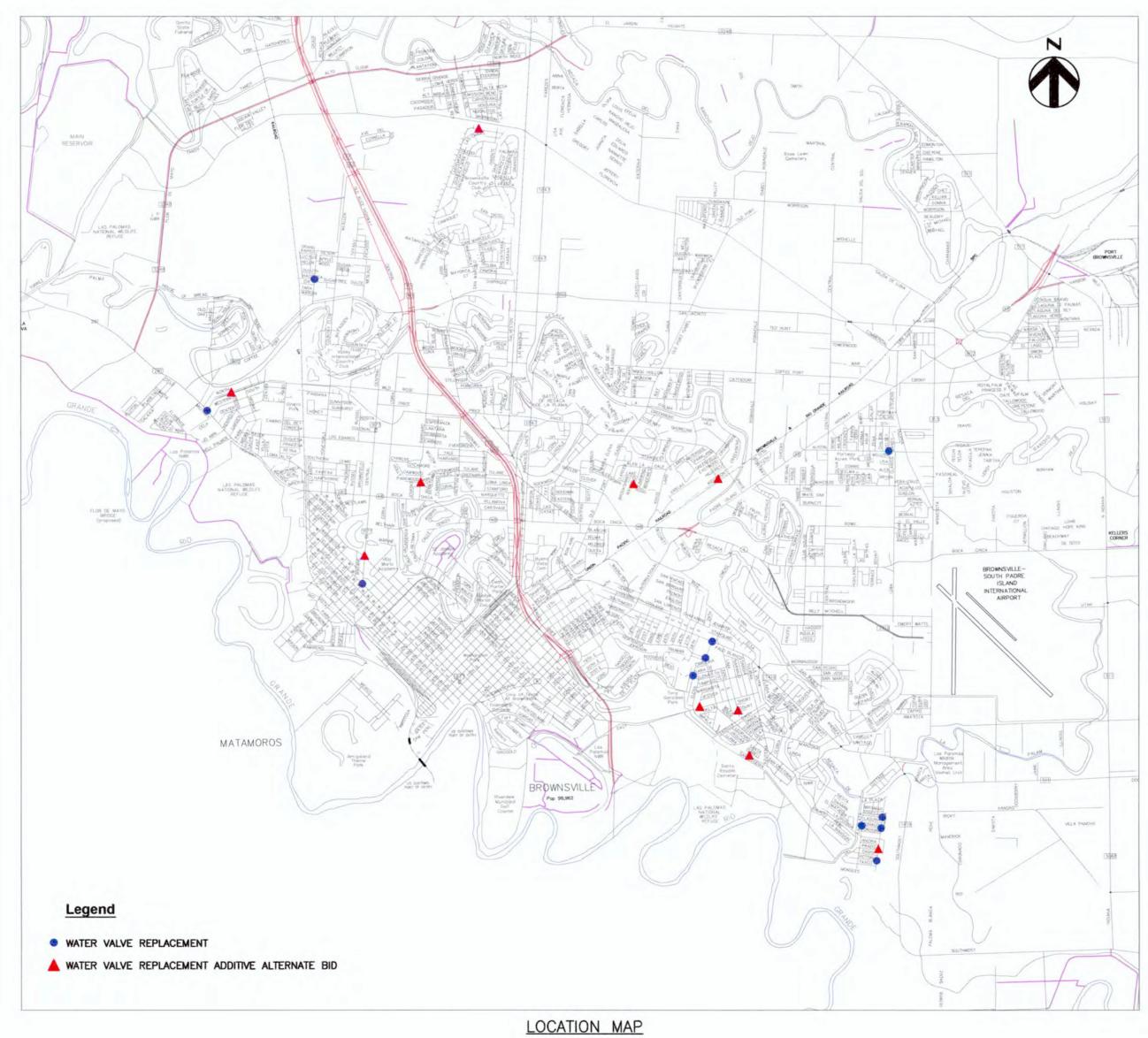
WATER VALVES REPLACEMENT PROJECT PHASE 4

BROWNSVILLE, TEXAS BID No. 046-24



Brownsville Public Utilities Board - Board of Directors

ARTHUR "ART" RENDON	CHAIR
JOSEPH L. HOLLMANN, Ph. D	VICE-CHAIR
DAISY ZAMORA, Ph. D	SECRETARY/TREASURER
ALEJANDRO "ALEX" NAJERA	MEMBER
PATRICIO SAMPAYO	MEMBER
GERARDO MARTINEZ	MEMBER
JOHN F. COWEN, JR	EX-OFFICIO MEMBER, ELECTED



SHEET INDEX

DRAWING NO. **GENERAL**

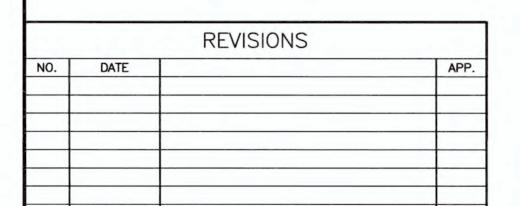
1	0000G-001	COVER SHEET & SHEET	INC
2	0000G-002	GENERAL NOTES	1110
3	0000C-001	WATER DETAILS	
4	0000C-002	CIVIL DETAILS	
5	00000-003	ADA DETAILS	

6	0000Q-001	PRODUCT INFORMATION / SUMMARY OF QUANTITIES
7	0100V-001	OVERALL LOCATION LAYOUT
0	01000 001	1 0 (1 05 0)

1-8 (1 OF 2) 9-11 (2 OF 2) 0100C-001 0100C-002

WATER VALVES REPLACEMENT PROJECT ADDITIVE ALTERNATE BID

10A	0000Q-001	PRODUCT INFORMATION / SUMMARY OF QUANTITIES
11A	0100V-001	OVERALL LOCATION LAYOUT
12A	0100C-001	12-19 (1 OF 2)
13A	0100C-001	20-21 (2 OF 2)







PROJECT NO: 046-24

DRAWING NO: 0000G-001

Addendum #1

SHEET NO:

1 OF 13A

GENERAL NOTES

- 1. THE FOLLOWING NOTES ARE GENERAL AND APPLY TO ALL SHEETS OF THESE CONTRACT DOCUMENTS AS IF THEY WERE WRITTEN IN THEIR ENTIRETY ON EACH SHEET.
- 2. CONTRACTOR SHALL CONTACT THE OWNER 48 HOURS PRIOR TO START OF ANY CONSTRUCTION WITHIN PROJECT SITE.
- 3. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS INCLUDING LOCATION AND DIMENSIONS OF ALL EXISTING CONSTRUCTION AND UTILITIES. CONTRACTOR SHALL NOTIFY ENGINEER IF THERE IS A CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND EXISTING CONSTRUCTION BEFORE PROCEEDING WITH WORK.
- 4. CONTRACTOR TO NOTIFY ALL UTILITY COMPANIES WITHIN THE CONSTRUCTION AREA 48 HOURS PRIOR TO EXCAVATION NEAR THEIR UTILITIES.
- 5. UNLESS DETAILED, SPECIFIED OR OTHERWISE INDICATED ON THE DRAWINGS CONSTRUCTION SHALL BE AS INDICATED IN THE APPLICABLE TYPICAL DETAILS AND GENERAL NOTES. TYPICAL DETAILS SHALL APPLY EVEN THOUGH NOT REFERENCED AT SPECIFIC LOCATIONS ON DRAWINGS.
- 6. WHERE NO CONSTRUCTION DETAILS ARE SHOWN OR NOTED FOR ANY PART OF WORK, DETAILS SHALL BE THE SAME AS FOR OTHER SIMILAR WORK.
- 7. PRIOR TO EXCAVATION FOR NEW STRUCTURES, ELECTRICAL CONDUIT, FABRICATION OF NEW PIPING AND/OR OTHER PROPOSED UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL EXISTING PIPING AND UTILITIES IN THE CONSTRUCTION AREA. THE CONTRACTOR SHALL TEMPORARILY RELOCATE CONFLICTING EXISTING UTILITIES AT TIE-IN/CONNECTION LOCATIONS AND REINSTALL THEM AS REQUIRED TO ELIMINATE THE CONFLICT AT NO ADDITIONAL COST TO THE OWNER.
- 8. EXISTING FACILITY AND UTILITY INFORMATION SHOWN ON THE DRAWING WAS OBTAINED FROM AVAILABLE RECORDS OR ELECTRONIC FILES. THE CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS, SIZES, MATERIAL TYPES, AND ELEVATIONS SHOWN AROUND OR NEAR AREAS OF CONSTRUCTION PRIOR TO START OF CONSTRUCTION.
- 9. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT FROM DAMAGE, ALL EXISTING FACILITIES AND UTILITIES SHOWN OR NOT SHOWN WHICH ARE TO REMAIN IN PLACE. ALL FACILITIES DAMAGED BY THE CONTRACTOR'S OPERATION SHALL BE EXPEDITIOUSLY REPAIRED OR RECONSTRUCTED TO THE ORIGINAL OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE WITHOUT ADDITIONAL COMPENSATION.
- 10. CONTRACTOR SHALL VERIFY LOCATION OF ALL, MECHANICAL AND ELECTRICAL ITEMS BEFORE PLACING ANY STRUCTURAL STEEL OR CONCRETE. ALSO, STRUCTURAL DIMENSIONS AND OPENINGS CONTROLLED BY MECHANICAL OR ELECTRICAL EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 11. MECHANICAL AND ELECTRICAL EQUIPMENT SUPPORTS, ANCHORAGES, OPENINGS, RECESSES AND REVEALS NOT SHOWN ON THE STRUCTURAL DRAWINGS, BUT REQUIRED BY OTHER CONTRACT DRAWINGS, SHALL BE PROVIDED PRIOR TO CASTING CONCRETE.
- 12. CONTRACTOR TO OBTAIN ALL CONSTRUCTION PERMITS NOT SUPPLIED BY OWNER AT HIS EXPENSE PRIOR TO COMMENCEMENT OF WORK.
- 13. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE DRAINAGE AT ALL TIMES DURING CONSTRUCTION OF PROPOSED FACILITIES. NATURAL GROUND ADJACENT TO UTILITY TRENCH EXCAVATION TO BE CLEARED AND GRUBBED PRIOR TO PLACEMENT OF EXCESS TRENCH MATERIAL (NO ADDITIONAL PAYMENT-INCLUDE IN UNIT PRICES OF UNDERGROUND UTILITIES CONSTRUCTION.)
- 14. CONTRACTOR IS RESPONSIBLE FOR CLEANING MUD AND/OR DIRT TRACKED ONTO EXISTING STREETS BY HIS WORKMEN'S, SUPPLIER'S, OR SUBCONTRACTOR'S VEHICLES. STREETS MUST BE CLEANED WITHIN 2 HOURS OF WHEN THE TRACKING OCCURS. NO SEPARATE PAY.
- 15. PROVIDE ALL SHEETING/SHORING REQUIRED TO PROTECT EXISTING STRUCTURES. PIPE. AND FACILITIES. CONTRACTOR IS HEREBY INFORMED THAT ALL TRENCHING AND SHORING WILL BE DONE IN STRICT ACCORDANCE WITH THE LATEST OSHA STANDARDS.
- 16. ANY ADDITIONAL SOIL BORINGS THE CONTRACTOR REQUIRES ARE TO BE DONE BY THE CONTRACTOR AT HIS EXPENSE.
- 17. CONSTRUCTION STAKING (ALIGNMENT AND GRADE) TO BE PROVIDED BY THE CONTRACTOR AT NO SEPÀRATE PAY.
- 18. SURPLUS EXCAVATED MATERIAL SHALL BE REMOVED AND DISPOSED OF OFF SITE AS DIRECTED BY THE ENGINEER. IF THE ENGINEER NOTIFIES THE CONTRACTOR THAT THE OWNER DOES NOT HAVE USE FOR THIS MATERIAL. THE SURPLUS MATERIAL BECOMES THE PROPERTY OF THE CONTRACTOR, AND IT IS HIS RESPONSIBILITY TO DISPOSE OF THE MATERIAL.
- 19. ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LOCAL REQUIREMENTS.
- 20. PAVED SURFACES SHALL BE PROTECTED FROM DAMAGE FROM ANY EQUIPMENT.
- 21. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY IRON RODS DISTURBED DURING CONSTRUCTION AND SHALL BE REPLACED BY REGISTERED PUBLIC LAND SURVEYOR TO ORIGINAL PROPERTY CORNER AT NO SEPARATE PAY.
- 22. WORK PERFORMED UNDER THIS CONTRACT IS GOVERNED BY REQUIREMENTS OF SEVERAL PUBLIC, GOVERNMENTAL, AND PRIVATE ENTITIES. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF SAID ENTITIES.
- 23. CONTRACTOR SHALL SECURE THE CONSTRUCTION SITE AT ALL TIMES INCLUDING EVENTS OF INCLEMENT WEATHER.
- 24. THE BPUB SHALL DICTATE THE VALVE REPLACEMENT SEQUENCE.
- 25. THE CONTRACTOR SHALL COMPLETE ALL ACTIVITIES ASSOCIATED WITH THE VALVE REPLACEMENT WITHIN THE VALVE PACKET PRIOR TO COMMENCING A NEW VALVE PACKET.

GENERAL UTILITY NOTES

- 1. ALL CONSTRUCTION SHALL CONFORM WITH BPUB STANDARDS
- 2. INFORMATION ON EXISTING BURIED PIPING, ELECTRICAL CONDUITS, HAS NOT BEEN VERIFIED AND THE ACCURACY OF SUCH INFORMATION IS NOT GUARANTEED. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO LOCATE UNDERGROUND FEATURES SUFFICIENTLY IN ADVANCE OF OPERATION TO AVOID DAMAGE OR CONFLICTS.
- 3. IN THE EVENT OF DAMAGE TO UNDERGROUND FACILITIES WHETHER OR NOT SHOWN IN THE DRAWINGS, THE CONTRACTOR SHALL MAKE THE NECESSARY REPAIRS TO PLACE THE FACILITIES BACK IN SERVICE AT NO INCREASE IN THE CONTRACT PRICE. SUCH REPAIRS SHALL CONFORM TO THE REQUIREMENTS OF THE COMPANY OR AGENCY SERVICING THE FACILITY.
- 4. TRENCHING FOR UTILITY INSTALLATION SHALL BE NO MORE THAN 200' AHEAD OF PIPE INSTALLATION AND BACKFILL. NO TRENCH SHALL BE LEFT OPEN AFTER NORMAL WORKING HOURS. TRENCH PLATES SHALL BE USED TO COVER OPEN TRENCHES AT ROAD CROSSINGS.
- 5. UNLESS SHOWN OTHERWISE ON PLANS OR SPECIFICATIONS, DEWATERING FOR UTILITY INSTALLATION, INCLUDING ALL MANHOLES & CULVERTS. WILL NOT BE PAID FOR DIRECTLY BUT CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS.
- 6. ALL PIPELINES HAVE A MINIMUM COVER OF 60" UNLESS THE COVER AND DEPTH IS SPECIFICALLY INDICATED N THE DRAWINGS. PIPES SHALL BE ROUTED AS SHOWN UNLESS MINOR REVISIONS ARE NECESSARY TO MISS EXISTING PIPES, STRUCTURES, ETC. CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING ALL FITTINGS AND ADAPTERS REQUIRED TO MAKE THE ROUTING CHANGES AT NO ADDITIONAL COST TO THE OWNER.
- 7. CONTRACTOR SHALL MAKE CONNECTIONS TO EXISTING PIPE, EQUIPMENT, ETC. AS REQUIRED AND SHALL PROVIDE ALL FITTINGS, ADAPTERS AND APPURTENANCES REQUIRED TO MAKE THE CONNECTIONS. PROVIDE ALL SUPPORTS REQUIRED FOR A RIGIDLY SUPPORTED, COMPLETE AND WORKING SYSTEM.
- 8. CONTRACTOR SHALL COORDINATE ANY AND ALL TIE-INS WHICH REQUIRE INTERRUPTION OF SERVICE TO EXISTING CUSTOMERS WITH FIELD TECHNICIAN AT MINIMUM OF 48HR NOTICE.
- 9. ALL EXISTING PIPES THAT ARE TO BE ABANDONED IN PLACE OR REMOVED MAY NOT BE SHOWN. WHERE PIPING IS TO BE ABANDONED AND MUST REMAIN IN SERVICE UNTIL COMPLETION OF OTHER PHASES OF WORK, AND IT CONFLICTS WITH NEW PIPING, TEMPORARILY RELOCATE PIPING (BY-PASS) AND PROVIDE ALL NECESSARY EQUIPMENT AND MATERIALS AS REQUIRED TO MAINTAIN SERVICE AT NO ADDITIONAL COST TO THE OWNER.
- 10. ABANDONED FITTINGS, VALVES, EQUIPMENT, ETC, SHALL BE RECOVERED AND STOCKPILED AT THE BPUB YARD STAGING AREA BETWEEN THE HOURS OF 8AM-3:30PM BY THE CONTRACTOR FOR SALVAGE BY THE OWNER. HOWEVER, ALL RELATED ITEMS THAT ARE UNWANTED BY THE OWNER SHALL BECOME PROPERTY OF THE CONTRACTOR AND DISPOSED OF IN AN APPROPRIATE MANNER.
- 11. OVERHEAD LINES MAY EXIST ON THE PROPERTY AND CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS IN THE VICINITY OF ANY OVERHEAD ELECTRIC LINES. LINES HAVE NOT BEEN MARKED SINCE THEY ARE CLEARLY VISIBLE, BUT CONTRACTOR SHOULD LOCATE THEM PRIOR TO CONSTRUCTION. CONTRACTOR SHALL ABIDE BY NATIONAL ELECTRIC CODE AND ANY REQUIREMENT BY OWNER OF ELECTRIC LINES. TEXAS LAW, SECTION 752, HEALTH & SAFETY CODE, FORBIDS ALL ACTIVITIES IN WHICH PERSONS OR THINGS MAY COME WITHIN SIX (6) FEET OF LIVE OVERHEAD HIGH VOLTAGE LINES. CONTRACTOR IS LEGALLY RESPONSIBLE FOR SAFETY OF CONSTRUCTION WORKERS UNDER THIS LAW. THIS LAW CARRIES BOTH CRIMINAL AND CIVIL LIABILITY. THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS IN THE VICINITY OF ANY OVERHEAD ELECTRIC LINES.
- 12. CONTRACTOR SHALL VERIFY LOCATION OF ALL. MECHANICAL AND ELECTRICAL ITEMS BEFORE PLACING ANY STRUCTURAL STEEL OR CONCRETE. ALSO, STRUCTURAL DIMENSIONS AND OPENINGS CONTROLLED BY MECHANICAL OR ELECTRICAL EQUIPMENT SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 13. MECHANICAL AND ELECTRICAL EQUIPMENT SUPPORTS. ANCHORAGES. OPENINGS, RECESSES AND REVEALS NOT SHOWN ON THE STRUCTURAL DRAWINGS, BUT REQUIRED BY OTHER CONTRACT DRAWINGS, SHALL BE PROVIDED PRIOR TO CASTING CONCRETE.
- 14. LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED FROM AVAILABLE RECORDS. NEITHER THE OWNER NOR ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN. THE CONTRACTOR SHALL VERIFY ALL LOCATIONS AND ELEVATIONS AND SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT UTILITY LINES WHETHER SHOWN OR NOT SHOWN.
- 15. CONTRACTOR TO MAKE ARRANGEMENTS WITH THE APPROPRIATE UTILITY COMPANY FOR SECURING POLES, IF NECESSARY, WHILE CONSTRUCTION PASSES BY POLES. COSTS OF SECURING POLES WILL BE PAID FOR BY THE CONTRACTOR, NO SEPARATE PAY.
- 16. CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH OSHA STANDARDS FOR CONFINED SPACE. CONTRACTOR SHALL PROVIDE ALL REQUIRED EQUIPMENT INCLUDING A MONITOR FOR AIR AND EQUIPMENT FOR BREATHING AIR AND RETRIEVING SYSTEMS.
- 17. CONTRACTORS SHALL NOTIFY ALL UTILITY COMPANIES AND CONTROLLING ENTITIES A MINIMUM OF 48 HRS PRIOR TO BEGINNING CONSTRUCTION.
- 18. CONTRACTOR SHALL COORDINATE THE FLUSHING OF THE LINE WITH THE FIELD TECHNICIAN. THE BPUB SHALL BE RESPONSIBLE TO FLUSH THE LINE.

STREET & EXCAVATION

- 1. ASPHALT LAYING MACHINE SHALL BE CAPABLE OF LAYING A 14' WIDTH.
- 2. DURING SUBGRADE PREPARATION, THE DEVELOPMENT OF ANY SOFT AREAS SHALL BE REMOVED AND REPLACED WITH ACCEPTABLE MATERIAL AND COMPACTED AS PER PROJECT SPECIFICATIONS. A SOFT AREA SHALL BE DEFINED AS AN AREA THAT EXHIBITS A DEPRESSION GREATER THAN 1" MEASURED VERTICALLY WHEN ROLLED AT 2' INTERVALS OR LESS BY A 14 YARD DUMP TRUCK FULLY LOADED. THIS WORK SHALL NOT BE PAID FOR DIRECTLY BUT CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS.
- 3. WHERE EXISTING PAVEMENT IS TO REMAIN, MAKE STRAIGHT SAW CUTS IN EXISTING PAVEMENT PRIOR TO REMOVAL.
- 4. WHERE EXISTING CONCRETE IS TO REMAIN, MAKE STRAIGHT SAW CUTS A MINIMUM OF 2 INCHED PRIOR TO REMOVAL.
- 5. FLEXIBLE BASE SHALL BE COMPACTED TO A MINIMUM OF 98% STANDARD PROCTER DENSITY.
- 6. PRIME COAT MATERIAL SHALL BE MC-30 APPLIED AT A RATE OF 0.20
- 7. CARE SHALL BE TAKEN TO PROTECT CURB AND GUTTER AND OTHER CONCRETE SURFACES FROM ASPHALT SPLATTER DURING PRIMING, SEALING, AND TACKING OPERATIONS.
- 8. REMOVE SIDEWALKS & CURBS TO NEAREST EXPANSION, DUMMY OR CONSTRUCTION JOINT. REMOVAL OF EXISTING CONCRETE OR OTHER PAVED AREAS SHALL INCLUDE ALL AGGREGATE BASE MATERIALS. AREAS TO BE REMOVED SHALL BE SAW CUT CLEAN AND TRUE TO LINE. REMOVE ALL NON ORGANIC MATTER THAT WOULD INTERFERE WITH THE GROWTH OF VEGETATION.
- 9. PRIMING AND HOT MIX OPERATIONS SHALL NOT BE CONDUCTED ON DAYS WHEN OZONE ADVISORY HAS BEEN ISSUED; EXCLUDING DIRECTED REPAIRS.
- 10. THE COMPLETED FLEXIBLE BASE SHALL RECEIVE A PRIME COAT CONSISTING OF MC-30 AND A TACK COAT CONSISTING OF SS-1 PRIOR TO THE PLACEMENT OF THE HOT MIX ASPHALTIC CONCRETE PAVEMENT.
- 11. PAVEMENT REPAIR CONDUCTED IN TXDOT R.O.W. SHALL BE REPAIRED TO THE NEAREST FULL TRAVEL LANE WIDE AND FIFTY LINEAR FEET FROM THE EXCAVATION EACH WAY.
- 12. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ANY AND ALL PAVEMENT MARKINGS ON THE ROADWAY DISTURBED BY CONSTRUCTION

MISCELLANEOUS

- 1. CONTRACTOR SHALL VISIT THE SITE OF THE WORK AND EXAMINE LOCAL CONDITIONS TO BE ENCOUNTERED. IMPROVEMENTS TO BE PROTECTED. PERMITS AND FEES REQUIRED, AND OTHER RESEARCH NECESSARY TO ASSURE THAT THE PROJECT IS THOROUGHLY UNDERSTOOD AND IS FULLY AWARE OF ALL CONDITIONS AND CONSTRAINTS WHICH MAY BE ENCOUNTERED DURING THE COURSE OF CONSTRUCTION.
- 2. WHERE CALLED FOR IN THE PLANS, CEMENT STABILIZED SAND SHALL CONSIST OF SAND PER PROJECT SPECIFICATIONS AND 1-1/2 SACKS OF PORTLAND CEMENT PER CUBIC YARD (141LBS/CY). THIS WORK SHALL NOT BE PAID FOR DIRECTLY BUT CONSIDERED SUBSIDIARY TO THE VARIOUS BID ITEMS.
- 3. IN GENERAL, AVOID THE REMOVAL OF EXISTING TREES. SHRUBS AND PLANTS. TREE. SHRUB AND PLANT REMOVAL MAY OCCUR, BUT ONLY WHEN NECESSARY FOR CONSTRUCTION. THEY SHALL BE REPLACED TO EQUAL OR BETTER CONDITION. (NO SEPARATE PAY)
- 4. CONTRACTOR TO REMOVE AND REPLACE AFFECTED TRAFFIC SIGNS AND MAILBOXES TO EQUAL OR BETTER CONDITIONS. (NO SEPARATE PAY)
- 5. ALL AREAS DISTURBED DURING EXCAVATION AND GRADING ACTIVITIES SHALL BE HYDRO-SEEDED.
- 6. ALL LANDSCAPE AREAS DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO EQUAL OF BETTER CONDITIONS.
- 7. CONTRACTOR SHALL MAINTAIN THE FUNCTION OF THE EXISTING STORM SEWER INFRASTRUCTURE DURING THE COURSE OF CONSTRUCTION.
- 8. IN THE EVENT AN ISOLATION VALVE IS INOPERABLE, THE BPUB WILL EXPEDITE THE LOCATION OF THE NEXT CLOSEST ISOLATION VALVE. THE BPUB RESERVES THE RIGHT TO RELOCATE CONTRACTOR TO NEW AREA.
- 9. EXISTING PIPE LEFT IN PLACE AFTER DEMOLITION/REMOVAL ACTIVITIES SHALL BE PLUGGED OR CAPPED USING RESTRAINED FITTING. IF RESTRAINED FITTINGS CAN NOT BE USED THEN THRUST BLOCKING SHALL BE INSTALLED.
- 10. VALVES AFFECTING 100+ CUSTOMERS WILL BE COORDINATED WITH BPUB OPERATIONS FOR NIGHT OPERATION.
- 11. ADEQUATE DEWATERING SYSTEM SHALL BE UTILIZED IN ORDER TO MINIMIZE WATER SERVICE INTERUPTION. NO SUMP WITH LESS THAN 150 GPM ALLOWED REFERENCE SPECIFICATION FOR DEWATERING FOR ALLOWED SIZING.

TRAFFIC CONTROL

- 1. CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION FOR ALL TRAFFIC AFFECTED BY THE WORK WITH WARNINGS SIGNS, FLAGS, LIGHT AND FLAG MEN WHERE NECESSARY AS REQUIRED BY TXDOT AND/OR THE CITY OF BROWNSVILLE TRAFFIC DEPARTMENT.
- 2. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST TEXAS MANUAL OF UNIFORM CONTROL DEVICES (MUTCD). LATEST EDITION.
- 3. THE CONTRACTOR SHALL PLAN AND SEQUENCE ALL CONSTRUCTION ACTIVITY IN SUCH A MANNER THAT WILL PERMIT SAFE PEDESTRIAN AND VEHICULAR MOVEMENT.
- 4. 48 HRS. PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL COORDINATE WITH THE CITY OF BROWNSVILLE TRAFFIC DEPARTMENT AND TXDOT FOR FIELD VERIFICATION. EXTREME CAUTION SHALL BE USED WHEN EXCAVATING AROUND THE ELECTRICAL CONDUIT AREAS.

TESTING NOTES

- 1. BROWNSVILLE PUBLIC UTILITIES BOARD TO BE GIVEN 48 HOURS NOTICE PRIOR TO ALL TESTING OF WATER LINE AND DESTINY TESTING. REFER TO SPECIFICATION AND TCEQ NOTES FOR TESTING REQUIREMENTS. ALL TESTING TO BE CONDUCTED IN PRESENCE OF BPUB FIELD TECHNICIAN.
- 2. SOIL DENSITY TEST AND RELATED SOIL ANALYSIS TESTS TO BE ACCOMPLISHED BY AN INDEPENDENT LABORATORY UNDER CONTRACT WITH THE OWNER. TESTS WHICH SHOW UNSATISFACTORY RESULTS ARE TO BE REPEATED AT THE EXPENSE OF THE CONTRACTOR SUBSEQUENT TO CONTRACTOR'S REMEDIAL ACTIVITIES.
- 3. DENSITY TESTING OF COMPACTED SUBGRADE MATERIAL FOR FIRST COURSE AND SECOND COURSE OF COMPACT BASE SHALL BE MADE AT ALL DRIVEWAYS AND INTERSECTING STREETS, TxDOT ROADWAYS.

PROJECT CONSTRUCTION SIGN

ONE OR MORE CONSTRUCTION SIGNS AT PROJECT SITE OR NEAR THE CONSTRUCTION SITE PER THE FOLLOWING GUIDANCE AND ATTACHED SPECIFICATIONS.

- 1. THE GENERAL CONTRACTOR AS DIRECTED BY THE OWNER SHALL FURNISH AND INSTALL A CONSTRUCTION SIGN(S) FOR IDENTIFICATION OF THE WATER VALVE REPLACEMENT PROJECT. THE SIGN SHALL BE CONSTRUCTED AS SHOWN ON DETAILS SHEET. NO SEPARATE PAY.
- 2. IF THE CONTRACTOR CHOOSES TO ERECT A SEPARATE SIGN, IT MAY BE ATTACHED TO OR ADJACENT TO THE PROJECT SIGN. BUT NO OTHER CONTRACTOR OR SUBCONTRACTOR OR MATERIAL SIGNS WILL BE PERMITTED ON THE CONSTRUCTION PROJECT SIGN.
- 3. THE CONSTRUCTION SIGN WILL BE INSTALLED PRIOR TO ANY CONSTRUCTION AT A LOCATION WHICH IS NEAR THE PROJECT SITE AND WITHIN PUBLIC VIEWING.
- 4. THE SIGN (PORTABLE MOUNT PERMISSIBLE) WILL BE CONSTRUCTED OF A 4.0 FEET BY 4.0 FEET EXTERIOR TYPE HIGH DENSITY OVERLAID PLYWOOD OR OTHER SIGN MATERIAL OF EQUIVALENT QUALITY WITH ROUNDED CORNERS AND PRE-PUNCHED HOLES TO INSURE A HASSLE-FREE INSTALLATION.
- 5. THE SIGN SHALL BE CONSTRUCTED WITH BLACK VINYL LETTERING ON A REFLECTIVE WHITE BACKGROUND AS SHOWN ON DETAIL SHEET.
- 6. LETTERING WILL BE OF PROFESSIONAL QUALITY AND ALL LETTERING WILL BE IN PROPORTION TO THE SIZES SHOWN AND ALIGNED ON THE
- 7. INFORMATION SPECIFIED ON THE ATTACHED DETAIL WILL BE DISPLAYED ON THE SIGN.
- 8. THE SIGN WILL BE MAINTAINED IN GOOD CONDITION BY THE CONTRACTOR UNTIL COMPLETION OF THE CONSTRUCTION PROJECT.
- 9. THE SIGN WILL BE REMOVED WHEN THE CONSTRUCTION IS COMPLETE.

PROJECT TYPE:

WATER VALVE REPLACEMENT

UTILITY OWNER CONTACT:

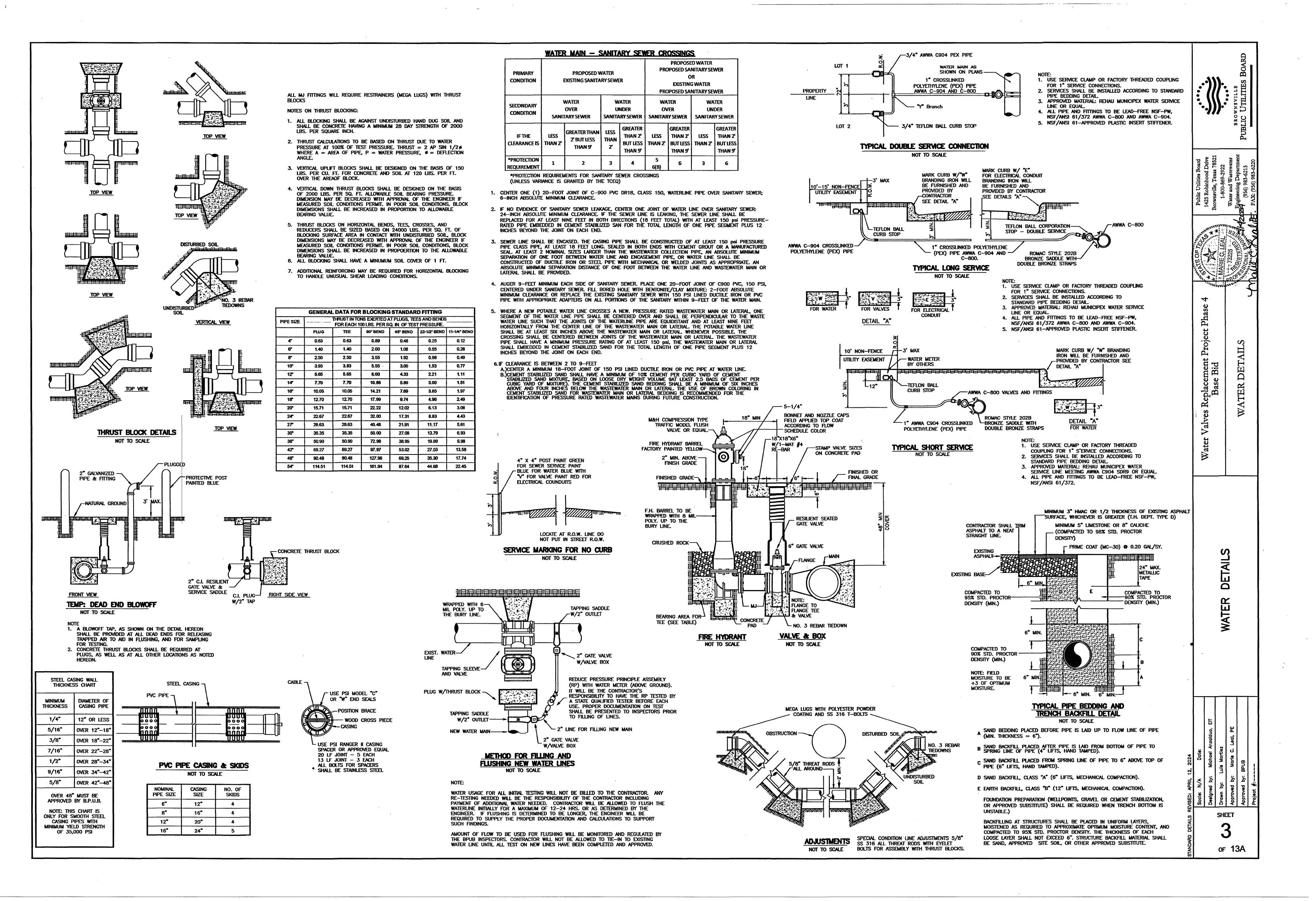
BROWNSVILLE PUBLIC UTILITIES BOARD (956) 983-6100

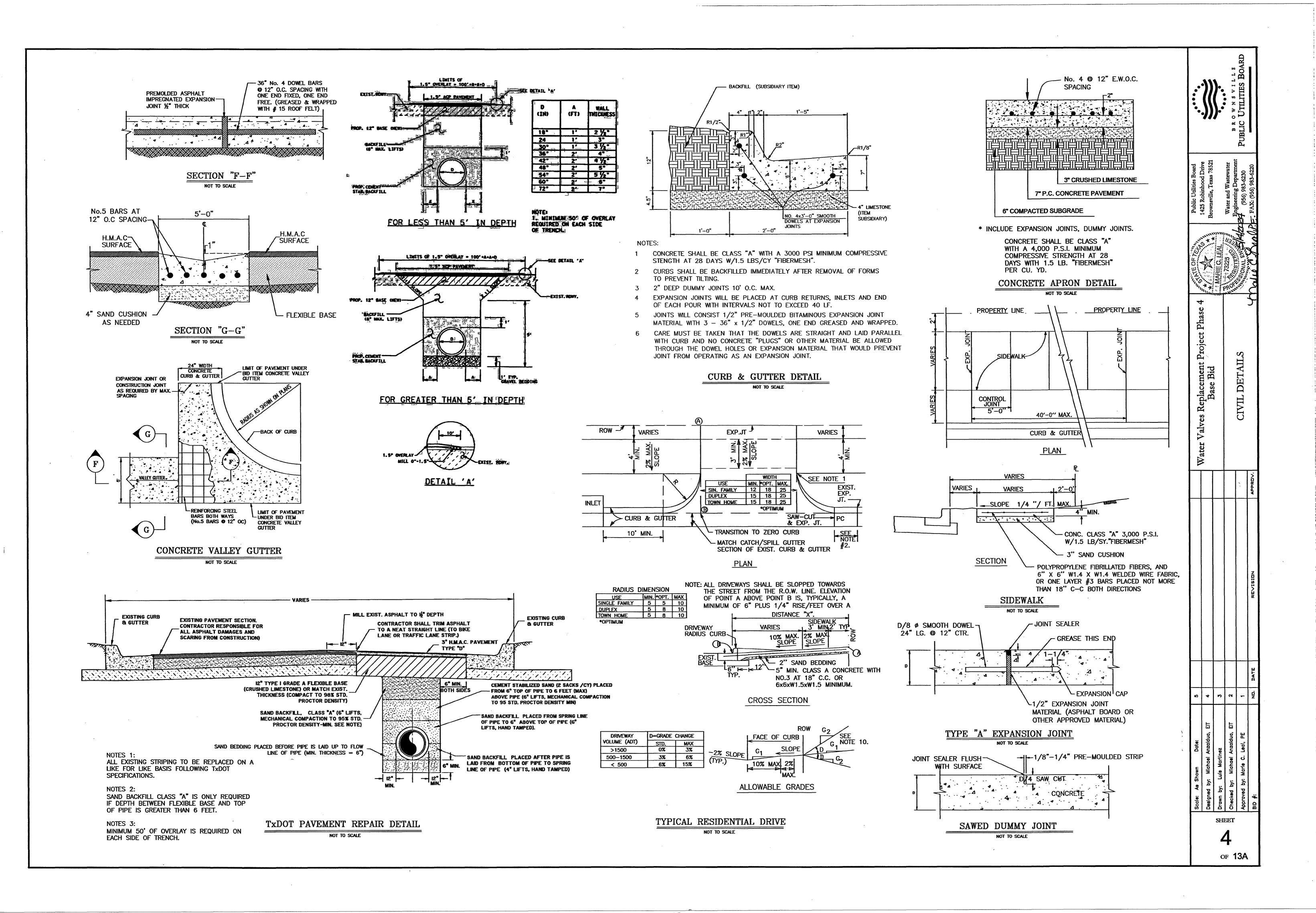
CONTRACTOR CONTACT:

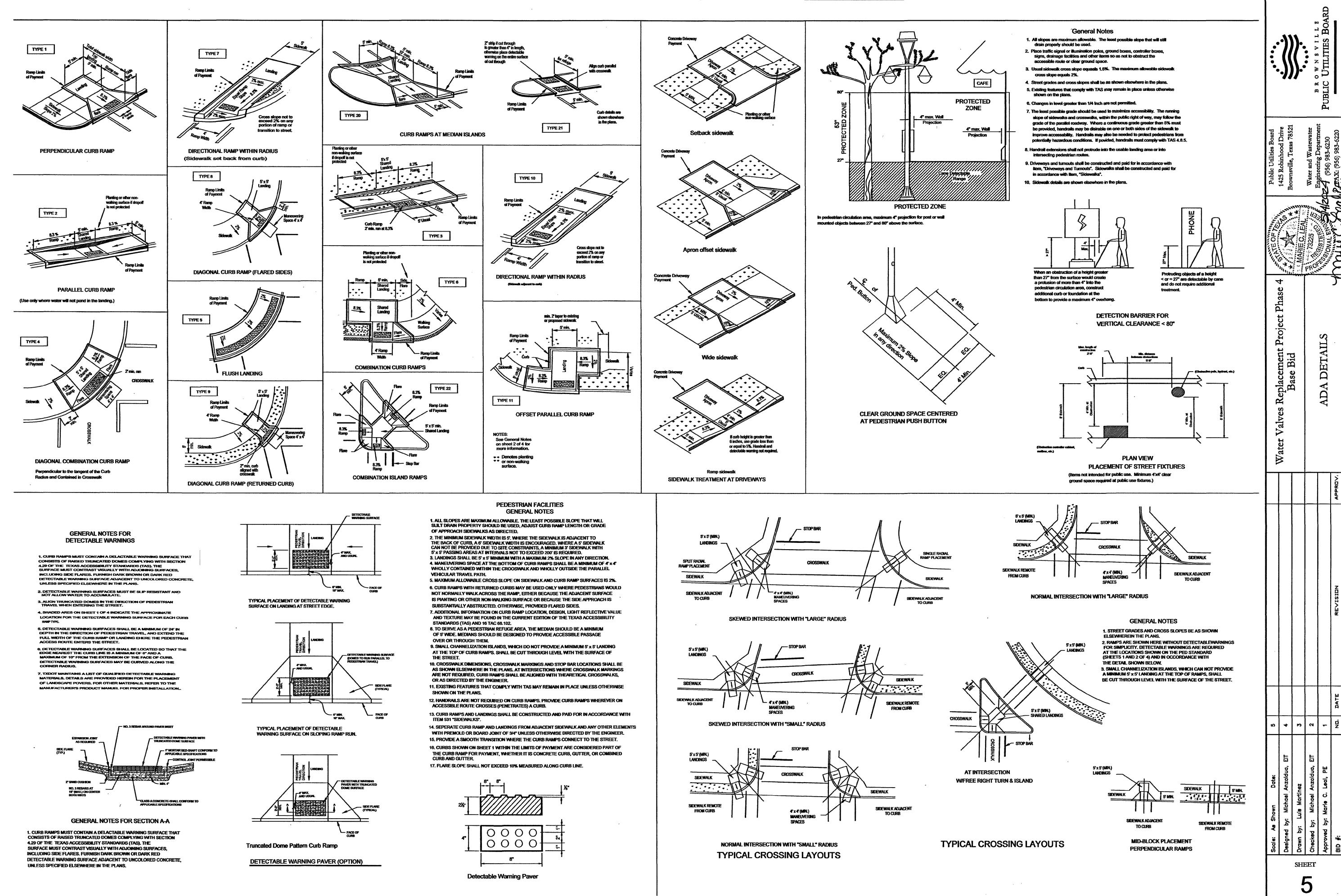
CONTRACTOR COMPANY NAME CONTRACTOR COMPANY PHONE NUMBER

SHEET

OF 13A







of 13A

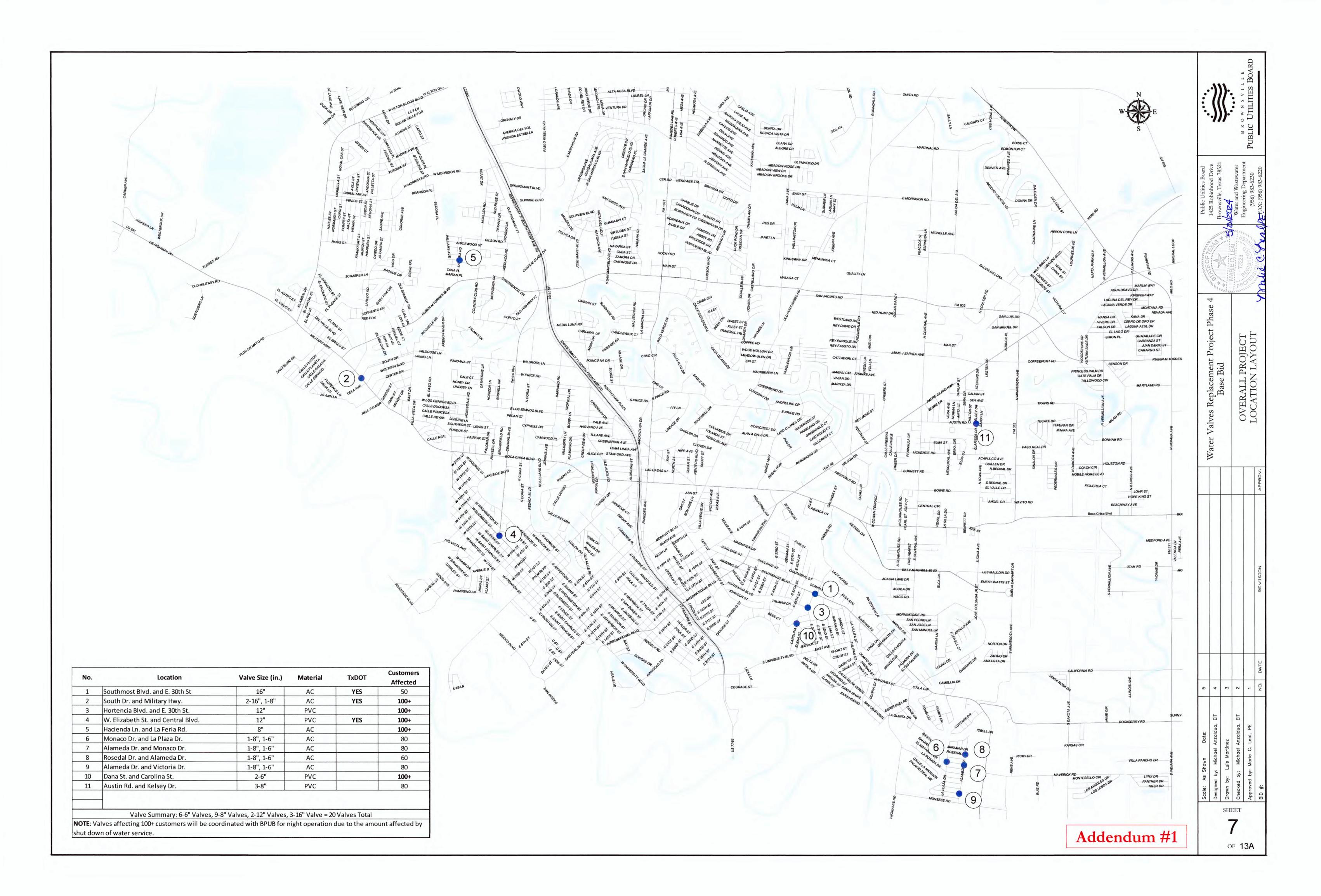
No.	Location	Valve Size (in.)	Material	TxDOT	Customers Affected
1	Southmost Blvd. and E. 30th St	16"	AC	YES	50
2	South Dr. and Military Hwy.	2-16", 1-8"	AC	YES	100+
3	Hortencia Blvd. and E. 30th St.	12"	PVC		100+
4	W. Elizabeth St. and Central Blvd.	12"	PVC	YES	100+
5	Hacienda Ln. and La Feria Rd.	8"	AC		100+
6	Monaco Dr. and La Plaza Dr.	1-8", 1-6"	AC		80
7	Alameda Dr. and Monaco Dr.	1-8", 1-6"	AC		80
8	Rosedal Dr. and Alameda Dr.	1-8", 1-6"	AC		60
9	Alameda Dr. and Victoria Dr.	1-8", 1-6"	AC		80
10	Dana St. and Carolina St.	2-6"	PVC		100+
11	Austin Rd. and Kelsey Dr.	3-8"	PVC		80

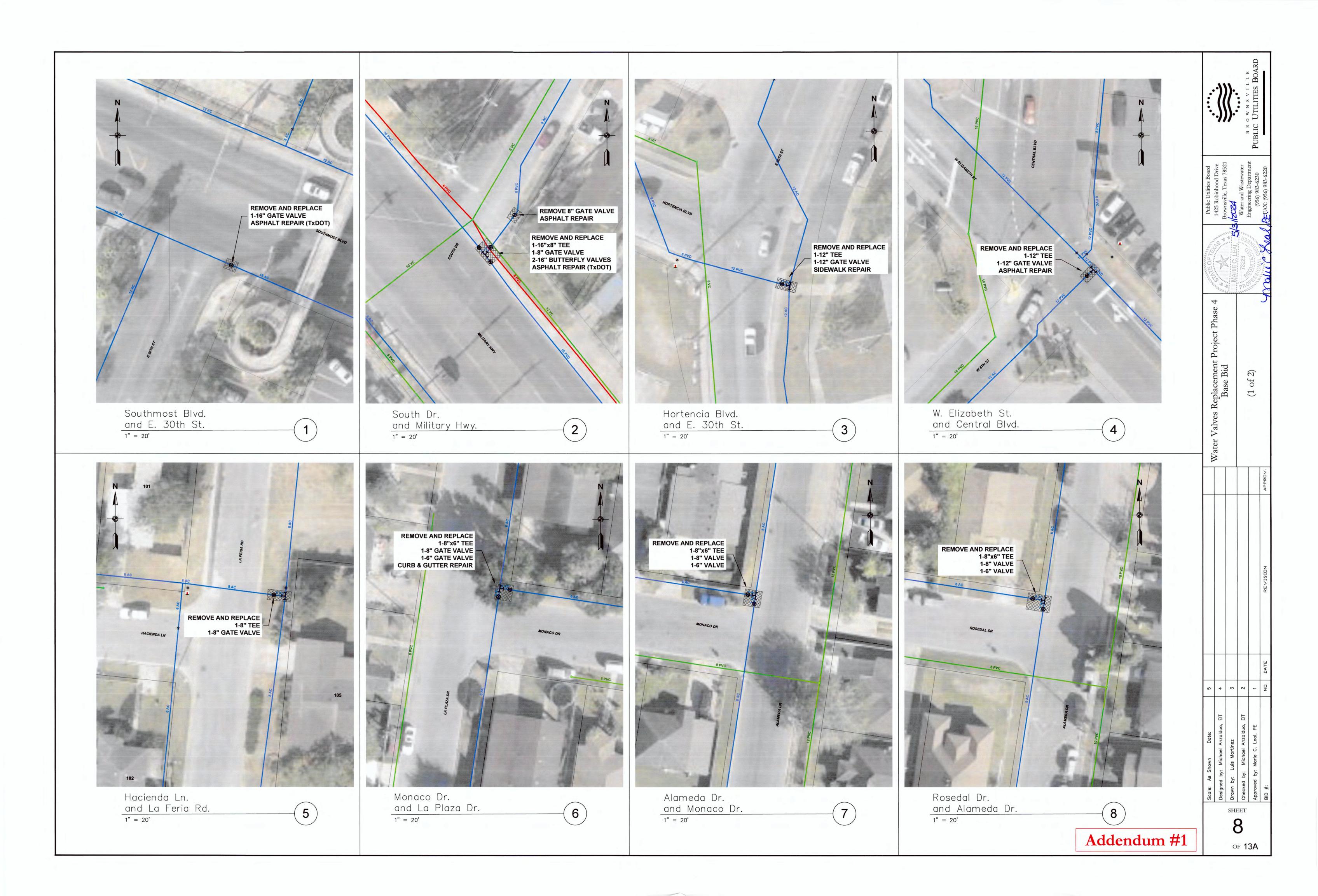
Valve Summary: 6-6" Valves, 9-8" Valves, 2-12" Valves, 3-16" Valve = 20 Valves Total

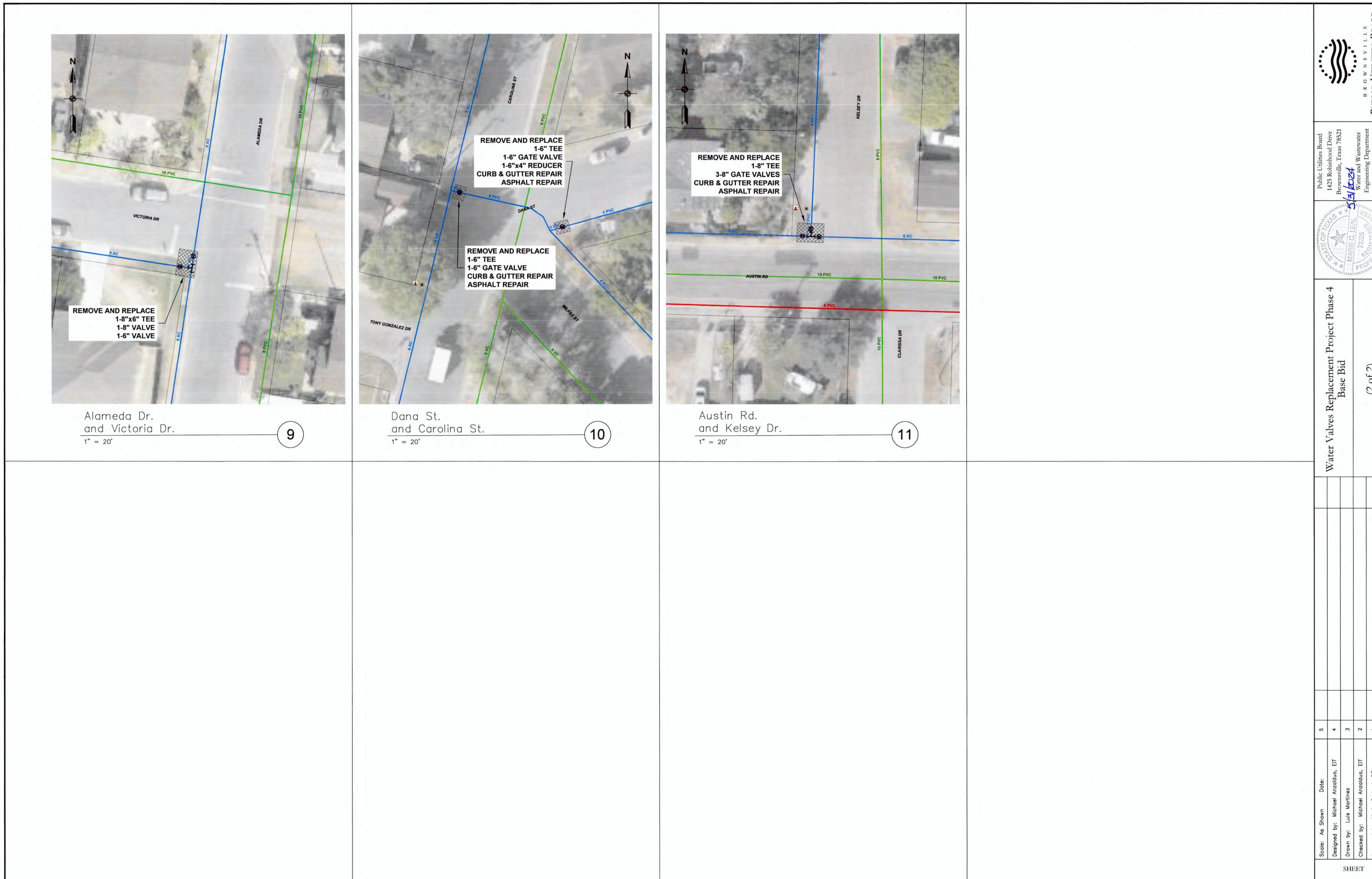
NOTE: Valves affecting 100+ customers will be coordinated with BPUB for night operation due to the amount affected by shut down of water service.

B R O W N S V 1 L L E PUBLIC UTILITIES BOARI	HARIE C. LEAI. 5/4/2024 Water and Wastewater Engineering Department (956) 983-6230
BROWNSVILLE PUBLIC UTILITIES BOAR	STATE BASK
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	Scale: As Shown Date:	5			T. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	,
	Designed by: Michael Anzaldua, EIT	4			Water Valves Kej	Se
SHI	Drawn by: Luis Martinez	ъ				
EET	Checked by: Michael Anzaldua, EIT	2			DROIECT	-
	Approved by: Marie C. Leal, PE	1			SITMMARY	1 >
	BID #:	, D	DATE	REVISION	APPROV.	4







OF **13A**

Addendum #1

No.	Location	Valve Size (in.)	Material	TxDOT	Customers Affected
12	633 Ridgemott Ct.	1-16", 1-6"	AC		40
13	Kennedy Ave. and South Dr.	6"	AC		50
14	3180 Del Prado Dr.	1-8", 1-6"	AC		50
15	East Ave. and Margarita St.	1-8", 1-4"	AC		100+
16	Chetumal Ct. and Artemisa Ave.	6"	AC		60
17	802 Central Blvd.	8"	PVC	YES	Hospital
18	Poplar Dr. and Barnard Rd.	6"	AC		80
19	San Eugenio St. and San Joaquin St.	6"	AC		80
20	Lima St. and Court St.	1-8", 1-4"	AC		80
21	Robinhood Dr. and Mayfield Ln.	6"	AC		70
		7 4 6 711 \$			

Valve Summary: 2-4" Valves, 7-6" Valves, 4-8" Valves, 1-16" Valve = 14 Valves Total

NOTE: Valves affecting 100+ customers will be coordinated with BPUB for night operation due to the amount affected by

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1425 Robinhood Drive
Brownsville, Texas 78521

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MARIE C. LEAL SAID

Water Valves Replacement Project
Additive Alternate Bid
PROJECT INFORMATION
SUMMARY OF OUANTITIES

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Shown Date:	oy: Michael Anzaldua, EIT	Luis Martinez	y: Michael Anzaldua, EIT	oy: Marie C. Leal, PE	

