



City of San Antonio
TRANSPORTATION AND CAPITAL IMPROVEMENTS

ADDENDUM No. 2

FORMAL INVITATION FOR BIDS (IFB)

PROJECT NAME: McCullough Avenue Area Drainage – ID NO.:40-00327

DATE: April 25, 2016

This addendum is separated into sections for convenience; however, all contractors, subcontractors, material men, and other parties shall be responsible for reading the entire addendum. The failure to list an item or items in all affected sections of this addendum does not relieve any party affected from performing as per instructions, providing that the information is set forth one time any place in this addendum. These documents shall be attached to and become part of the Contract Documents for this project. The contractor shall be required to sign an acknowledgement of the receipt of this addendum and submit with their proposal package.

GENERAL:

1. The following changes and/or additions to the Contract Documents, via this addendum, shall apply to proposals made for and to the execution of the various parts of the work affected thereby.
2. Careful note of the Addendum shall be taken by all interested parties and all trades affected shall be fully advised in their performance of the work involved.

GENERAL COMMENTS:

1. The Solicitation Due Date has been extended to May 3, 2016
2. The following form has been revised as part of this Addendum
 - Form 010 Invitation for Bids and Contract Signature Page
 - Form 025 Unit Pricing Form
 - Project Schedule
3. The following plan sheets have been revised or added and included as part of this Addendum:
 - Quantity Summary Sheets 21, 25
 - Drainage Plan Sheet 115
4. The following specification, special specifications and special provisions have been removed, added or revised as part of this Addendum
 - Special Provision No. 4

QUESTIONS FROM PROSPECTIVE BIDDERS:

1. Question: Under which bid item is N147 Type C-I Inlet measured and paid?
Response: "N147" is paid for under Item 403.15. This item (previously 403.8) has been added to the bid forms.
2. Question: Under which bid item is N146 Type B Inlet measured and paid?
Response: "N146" has been changed to TY C-I Inlet.
3. Question: Under which bid item is N123 Type C-I Inlet measured and paid?
Response: "N123" is paid for under Item 403.15. This item (previously 403.8) has been added to the bid forms.
4. Question: Under which bid item is N124 Type C-I Inlet measured and paid?
Response: "N124" is paid for under Item 403.15. This item (previously 403.8) has been added to the bid forms.

5. Question: Under which bid item is N108A Type C-I Inlet measured and paid?
Response: "N108A" is paid for under Item 403.15. This item (previously 403.8) has been added to the bid forms.
6. Question: Under which bid item is N99 Type C-I Inlet measured and paid?
Response: "N99" is paid for under Item 403.15. This item (previously 403.8) has been added to the bid forms.
7. Question: Under which bid item is N100 Type C-I Inlet measured and paid?
Response: "N100" is paid for under Item 403.15. This item (previously 403.8) has been added to the bid forms.
8. Question: Under which bid item is I1 Type C-I Inlet measured and paid?
Response: "I1" is paid for under Item 403.15. This item (previously 403.8) has been added to the bid forms.
9. Question: Under which bid item is I2 Type C-I Inlet measured and paid?
Response: "I2" is paid for under Item 403.15. This item (previously 403.8) has been added to the bid forms.
10. Question: Under which bid item is N97B Type C-I Inlet measured and paid?
Response: "N97B" is paid for under Item 403.15. This item (previously 403.8) has been added to the bid forms.
11. Question: Under which bid item is M63 Type C-I Inlet measured and paid?
Response: "M63" is paid for under Item 403.15. This item (previously 403.8) has been added to the bid forms.
12. Question: Under which bid item is M64 Type C-I Inlet measured and paid?
Response: "M64" is paid for under Item 403.15. This item (previously 403.8) has been added to the bid forms.
13. Question: Under which bid item is N133 72" Manhole measured and paid?
Response: "N133" is paid for under Item 465 6004. This item has been added to the bid forms.
14. Question: When will the project schedule be provided as requested at the pre bid conference?
Response: Project Schedule has been provided as part of this Addendum
15. Question: ...it does not appear that a Location Data Table with the gas elevations was provided. Can or will there be one provided?
Response: Location Data Table with gas elevations will be provided before construction begins. Please be sure to adjust your bid to accommodate this unknown.

END OF ADDENDUM No. 2

CITY OF SAN ANTONIO

Issued By: Transportation and Capital Improvements
ID NO.: 40-00327

Date Issued: April 25, 2016
Addendum #2

(010) FORMAL INVITATION FOR BIDS (IFB) to CONTRACT McCullough Avenue Area Drainage #40-00327

Sealed bids, subject to the Terms and Conditions of this Invitation for Bids and other contract provisions, will be received at the Office of the City Clerk, City Hall, 100 Military Plaza, 2nd floor San Antonio, Tx 78205 until **2:00 P.M. CST on Tuesday, May 3, 2016** and publicly read aloud in **City Council Chambers at 114 W. Commerce, Municipal Plaza Building**. This is the *solicitation deadline*. Bids must be submitted in a sealed envelope and clearly marked with the due date of bid, bidder name, Project Name and ID NO. The City is not responsible for submissions not clearly and appropriately marked. Late submissions will be rejected and returned to bidder. A Non-Mandatory Pre-bid meeting will be held at 114 W. Commerce, San Antonio, TX 78205 in the 9th fl. conference room on Wednesday, April 6, 2015 at 10:00 A.M. **Deadline for questions: 4:00 P.M., April 14, 2016.**

This invitation includes the following Contract Documents:

010	Invitation for Bids and Contract Signature Page	060	Supplemental Conditions
020	Bid Form	075	Performance Bond
025	Unit Pricing Form	076	Payment Bond
040	Standard Instructions to Respondent	081	General Conditions for Construction Contracts
041	Certificate of Interested Parties (TEC Form 1295)	095	SAWS Special Conditions
050.01	SBEDA Guidelines	■	Wage Decision
■	Subcontractor/Supplier Utilization Plan		

Plans, Specifications and Special Conditions may be purchased at a cost of **\$200.00** per set (tax included) from the office of **HNTB Corporation, 130 E. Travis, Suite 2001, San Antonio, TX 78205; Phone: (210) 349-2277**. No refund will be made for plan sets that are returned. Changes to Plans, Specifications and Special Conditions will be included in an addendum and will be posted on the web at www.sanantonio.gov/rfplistsings along with this solicitation. Bidder understands and agrees that bidder is responsible for obtaining addenda and adhering to all requirements in addenda. City is not responsible for incorrect information obtained through other sources.

The following documents (fully completed and with original signatures) constitute the required information to be submitted as a part of the bid proposal:

- | | | | |
|---------|---|-----|---|
| 1.) 010 | Invitation for Bids and Contract Signature Page | 4.) | Bid Bond |
| 2.) 020 | Bid Form | 5.) | Subcontractor/Supplier Utilization Plan |
| 3.) 025 | Unit Pricing Form | 6.) | Signed Addenda Acknowledgement Forms |
| | | 7.) | Proof of Form 1295 with Certification Number & Date Filed |

It is understood and agreed that the work is to be substantially completed on or before **455** calendar days. This project does not include hazardous environmental work. This project requires 2 project sign(s).

Small Business Economic Development Advocacy (SBEDA) Program Compliance – Respondents shall meet the subcontracting requirements as stated on Form 050.01 and on the Subcontractor/Supplier Utilization Plan posted with this solicitation on the City's website.

Wage Decision – Respondent shall meet the prevailing wage rate requirements established for this contract and shall reference the wage decision posted with this solicitation on the City's website.

The undersigned, by his/her signature, represents that he/she is authorized to bind the bidder to fully comply with Contract Documents for the amount(s) shown on the accompanying bid sheet(s). The work proposed to be done shall be accepted when fully completed and finished to the entire satisfaction of the City. The undersigned certifies all prices contained in this bid have been carefully checked and are submitted as correct and final. The bidder by submitting this bid and signing below, acknowledges that he/she has received & read the entire Bid and Contract document and agrees to be bound by the terms therein, has received all Addenda, and agrees to the terms, conditions, and requirements of the bidder's bid proposal and all documents listed in the tables above and the enabling Ordinance and associated documentation that form the entire Contract upon approval by the City Council.

Official Name of Company (legal): _____

_____/_____
Original Signature of Person Authorized to Sign Bid/Contract Date Signer's Name: _____
(Please Print or Type)

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: McCullough Avenue Area Drainage
PROJECT NO.: 40-00327

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
				The City only will accept bid pricing to the hundredths. Any pricing extended out to three decimal points will be truncated to two decimal points in the City's favor.					
	100.1			MOBILIZATION	LS	1			
	100.2			INSURANCE AND BOND	LS	1			
	101.1			PREPARATION OF RIGHT-OF-WAY	LS	1			
	103.1			REMOVE CONCRETE CURB (> 10,000 L.F.)	LF	7380.00			
	103.3			REMOVE CONCRETE SIDEWALKS & DRIVEWAYS (> 10,000 S.F.)	SF	40914.00			
	104	6024		REMOVING CONC (RETAINING WALLS)	SY	84.00			
	104.1			STREET EXCAVATION (1,000 C.Y. < X < 10,000 C.Y.)	CY	10044.00			
	106.1			BOX CULVERT EXCAVATION & BACKFILL (> 10,000 C.Y.)	CY	27710.74			
	107.1			EMBANKMENT (FINAL)(DENS CONT)(TY B)	CY	490.00			
	107.1			EMBANKMENT (FINAL)(ORD COMP)(TY B)	CY	1135.53			
	108.1			LIME TREATED SUBGRADE (6" COMPACTED DEPTH)	SY	17228.00			
	108.2			LIME (> 100 TON.)	TON	285.00			
	168	6001		VEGETATIVE WATERING	MD	264			
	169	6002		SOIL RETENTION BLANKETS (CL 1) (TY B)	SY	83.00			
	192	6001		PLANT MATERIAL (4" CNTR)	EA	275.00			
	192	6002		PLANT MATERIAL (1 - GAL)	EA	172.00			
	192	6004		PLANT MATERIAL (5 - GAL)	EA	58.00			
	192	6012		MULCH	CY	11.00			
	192	6014		PLANT SOIL MIX	CY	33.00			
	192	6026		PLANT MATERIAL (65 GAL) (TREE)	EA	45.00			
	192	6027		PLANT MATERIAL (100 GAL) (TREE)	EA	24.00			
	192	6067		LANDSCAPE EDGE (TYPE 1)	LF	73.50			
	203.1			TACK COAT	GAL	1576.00			
	205.2			HOT MIX ASPHALTIC PAVEMENT, TYPE B (10" COMP. DEPTH)	SY	12911.00			
	205.2			HOT MIX ASPHALTIC PAVEMENT, TYPE B (12" COMP. DEPTH)	SY	4317.00			
	205.4			HOT MIX ASPHALTIC PAVEMENT, TYPE D (2" SURFACE)	SY	15759.00			
	247	6041		FL BS (CMP IN PLC) (TYA GR1 - 2) (FNAL POS)	CY	8453.57			
	308.1			DRILLED SHAFTS (24")	LF	35.00			
	308.1			DRILLED SHAFTS (30")	LF	23.00			
	308.1			DRILLED SHAFTS (36")	LF	14.00			
	309.1			PRECAST REINFORCED CONCRETE CULVERT (5' x 3')	LF	380.00			
	309.1			PRECAST REINFORCED CONCRETE BOX CULVERT (7'x4')	LF	55.00			
	309.1			PRECAST REINFORCED CONCRETE BOX CULVERT (8'x4')	LF	700.00			
	309.1			PRECAST REINFORCED CONCRETE BOX CULVERT (9'x5')	LF	1886.00			
	401.1		1	REINFORCED CONCRETE PIPE (CLASS III)(24" DIA)	LF	510.00			
	401.1		1	REINFORCED CONCRETE PIPE (CLASS III)(30" DIA)	LF	418.00			

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	401.1		1	REINFORCED CONCRETE PIPE (CLASS III)(36" DIA)	LF	254.00			
	401.1		1	REINFORCED CONCRETE PIPE (CLASS III)(48" DIA)	LF	83.00			
	402	6001		TRENCH EXCAVATION PROTECTION	LF	4000.00			
	403	6006		TEMPORARY SPL SHORING (COFFERDAM)	LS	1			
	403.1		1	JUNCTION BOX 4'x4'x4'	EA	1.00			
	403.13		4	INLET TYPE A (COMPLETE)	EA	13.00			
	403.2		1	JUNCTION BOX 5'x5'x5'	EA	3.00			
	403.3		1	JUNCTION BOX 6'x6'x6'	EA	1.00			
	403.4		1	JUNCTION BOX 7'x7'x7'	EA	1.00			
	403.6		1	SPECIAL JUNCTION BOX (10'X6')	EA	1.00			
	403.6		1	SPECIAL JUNCTION BOX (11'X6')	EA	1.00			
	403.15		4	INLET TYPE CI (COMPLETE)	EA	12.00			
	403.16		4	INLET TYPE CII (COMPLETE)	EA	1.00			
	403.9		1	INLET EXTENSIONS (10 FT)	EA	4.00			
	410.1			CONCRETE SUBGRADE FILLER	CY	572.08			
	413.1			FLOWABLE BACKFILL (LOW STRENGTH)	CY	2535.83			
	420	6074		CL C CONC (MISC)	CY	4.8			
	420	6143		CL S CONC (JUNCTION BOX)	CY	39.9			
	423	6005		RETAINING WALL (SPREAD FOOTING)	SF	1246			
	432	6022		RIPRAP (STONE COMMON) (DRY) (6 IN)	CY	3.80			
	462	6010		CONC BOX CULV (6 FT X 3 FT)	LF	59			
	465	6002		MANH (COMPL) (PRM) (48IN)	EA	14.00			
	465	6003		MANH (COMPL) (PRM) (60IN)	EA	2.00			
	465	6004		MANH (COMPL) (PRM) (72IN)	EA	1.00			
	496	6040		REMOVE STR (RET WALL)	LF	135			
	500.1			CONCRETE CURBING (>1,000 LF)	LF	7380.00			
	502.1		1	CONCRETE SIDEWALKS(1,000 S.Y.< X <10,000S.Y.)	SY	3408.00			
	502.1		1	CONCRETE SIDEWALKS (150 S.Y. < X < 1,000 S.Y.)	SY	540.00			
	503.1		1	PORTLAND CEMENT CONCRETE DRIVEWAYS (100S.Y.<X<1000S.Y.)	SY	557.00			
	503.2		1	PORTLAND CEMENT CONCRETE DRIVEWAYS - COMMERCIAL	SY	581.00			
	505.1		1	CONCRETE RIPRAP (4" THICK)	CY	1.02			
	506.1			CONCRETE RETAINING WALLS-COMB. TYPE (<20 C.Y.)	CY	17.00			
	507.2			CHAIN LINK FENCE	LF	802.00			
	507.5			GATES - VEHICULAR (PER OPENING)	EA	2.00			
	507.6			WROUGHT IRON FENCE (6' HIGH)	LF	190.00			
	0512	6009		PORT CTB (FUR & INST)(LOW PROF)(TY 1)	LF	600.00			
	0512	6010		PORT CTB (FUR & INST)(LOW PROF)(TY 2)	LF	220.00			
	0512	6033		PORT CTB (MOVE)(LOW PROF)(TY 1)	LF	500.00			
	0512	6034		PORT CTB (MOVE)(LOW PROF)(TY 2)	LF	120.00			
	0512	6057		PORT CTB (REMOVE)(LOW PROF)(TY 1)	LF	600.00			
	0512	6058		PORT CTB (REMOVE)(LOW PROF)(TY 2)	LF	220.00			

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	529	6066		CONCRETE CURB (RIBBON) (MOD)	LF	4.00			
	530.1			BARRICADES, SIGNS & TRAFFIC HANDLING	LS	1			
	531.13		4	R3-7 LEFT LANE MUST TURN LEFT OR RIGHT LANE MUST TURN RIGHT (30"x30")(HIGH INTENSITY)	EA	3.00			
	531.14		4	R3-8 LANE-USE CONTROL (30"x30")(HIGH INTENSITY)	EA	1.00			
	531.18		4	R5-1 DO NOT ENTER (30"x30")(HIGH INTENSITY)	EA	4.00			
	531.19		4	R6-1 ONE WAY (36"x12")(HIGH INTENSITY)	EA	5.00			
	531.21		4	R7-1 NO PARKING ANYTIME (18"x24")(HIGH INTENSITY)	EA	14.00			
	531.22		4	R7-18 NO PARKING THIS SIDE THIS BLOCK (18"x24")(HIGH INTENSITY)	EA	3.00			
	531.24		4	R9-3A PEDESTRIAN CROSSING PROHIBITED (18"x18")(HIGH INTENSITY)	EA	1.00			
	531.3		4	R1-1 STOP (30")(HIGH INTENSITY)	EA	13.00			
	531.51		4	W11A-2 PED CROSSING (30"X30")(HIGH INENSITY)	EA	1.00			
	531.57		4	9 INCH [229mm] STREET NAME, BLOCK NUMBER (VARIES x9")(HIGH INTENSITY)	EA	24.00			
	531.59		4	SPECIAL SIGN (HIGH INTENSITY)	EA	2.00			
	531.6		4	R2-1 SPEED LIMIT (24"x30")(HIGH INTENSITY)	EA	2.00			
	531.62		4	W16-9P AHEAD (36"x20")(HIGH INTENSITY)	EA	1.00			
	531.7		4	R3-1 NO RIGHT TURN (24"x24")(HIGH INTENSITY)	EA	1.00			
	531.8		4	R3-2 NO LEFT TURN (24"x24")(HIGH INTENSITY)	EA	2.00			
	531.86		4	R3-5hTP DISTANCE (30"X8")(HIGH DENSITY)	EA	1.00			
	531.87		4	M1-1 INTERSTATE ROUTE (24"X24")(HIGH DENSITY)	EA	1.00			
	531.88		4	M1-4 INTERSTATE ROUTE (30"X24")(HIGH DENSITY)	EA	1.00			
	531.89		4	M1-6 LOOP (24"X24")(HIGH DENSITY)	EA	1.00			
	531.90		4	M3-1 CARDINAL DIRECTION (24"X12")(HIGH DENSITY)	EA	3.00			
	531.91		4	M4-5 TO (24"X12")(HIGH DENSITY)	EA	2.00			
	531.92		4	M6-1 DIRECTIONAL ARROW (21"X15")(HIGH DENSITY)	EA	1.00			
	531.93		4	M6-3 DIRECTIONAL ARROW (21"X15")(HIGH DENSITY)	EA	2.00			
	531.94		4	W2-1 INTERSECTION WARNING (30"X30")(HIGH DENSITY)	EA	2.00			
	531.95		4	W4-1 MERGING TRAFFIC (30"X30")(HIGH DENSITY)	EA	1.00			
	535.1		4	4 INCH WIDE YELLOW LINE	LF	724.00			
	535.11		4	COMBINATION THRU/LEFT WHITE ARROW	EA	3.00			
	535.12		4	WORD "ONLY"	WORD	3.00			
	535.13		4	STRAIGHT WHITE ARROW	EA	1.00			
	535.2		4	4 INCH WIDE WHITE LINE	LF	1315.00			
	535.22		4	6 INCH WIDE WHITE LINE	LF	52.00			
	535.23		4	24 INCH WIDE YELLOW LINE	LF	415.00			
	535.3		4	8 INCH WIDE YELLOW LINE	LF	407.00			
	535.4		4	8 INCH WIDE WHITE LINE	LF	692.00			
	535.7		4	24 INCH WIDE WHITE LINE	LF	313.00			
	535.9		4	LEFT WHITE ARROW	EA	4.00			

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	537.6			PAVEMENT MARKER (TYPE I-C)	EA	35.00			
	537.8			PAVEMENT MARKER (TYPE II A-A)	EA	64.00			
	537.9			PAVEMENT MARKER (TYPE II C-R)	EA	27.00			
	540.1		4	ROCK FILTER DAMS(INSTALL)(TYPE 1)	LF	100.00			
	540.1		4	ROCK FILTER DAMS(REMOVE)(TYPE 1)	LF	100.00			
	540.1		4	CURB INLET GRAVEL FILTERS	LF	1122.00			
	540.11		4	LOW IMPACT DEVELOPMENT (LID) BEST MANAGEMENT PRACTICES (BMP) STRUCTURE - FILTERRA	EA	11.00			
	540.6		4	CONSTRUCTION EXITS (INSTALL)	SY	80.00			
	540.6		4	CONSTRUCTION EXITS (REMOVE)	SY	80.00			
	540.9		4	TEMPORARY SEDIMENT CONTROL FENCE	LF	1886.00			
	551.1			TEMPORARY SPECIAL SHORING	SF	29375.00			
	552.1			REMOVING AND RELOCATING IRRIGATION SYSTEM	LF	400.00			
	615.1			TRAFFIC SIGNAL CONTROLLER ASSEMBLY (TYPE 332 CABINET)	EA	1.00			
	618.1			CONDUIT (2 INCH/PVC SCHEDULE 40)	L.F.	187.00			
	618.2			CONDUIT (3 INCH/PVC SCHEDULE 40)	L.F.	6.00			
	618.5			CONDUIT (3 INCH/PVC SCHEDULE 40)(BORE)	L.F.	438.00			
	620.1			ELECTRICAL CONDUCTORS (NO. 6)(BARE)	L.F.	18.00			
	620.2			ELECTRICAL CONDUCTORS (NO. 8)(BARE)	L.F.	375.00			
	620.3			ELECTRICAL CONDUCTORS (NO. 6)(INSULATED)	L.F.	26.00			
	624.5			GROUND BOXES TYPE A (122311) W/ APRON	EA	4.00			
	624.8			GROUND BOXES TYPE D (162922) W/ APRON	EA	1.00			
	628.1			ELECTRICAL SERVICES (PER INSTALLATION)	EA	1.00			
	628.2			REMOVE ELECTRICAL SERVICES (PER REMOVAL)	EA	1.00			
	633.1			BATTERY BACKUP SYSTEM	EA	1.00			
	655.1			TYPE 332 CONTROLLER FOUNDATION	EA	1.00			
	0662	6001		WK ZN PAV MRK NON-REMOV (W)4"(BRK)	LF	380.00			
	0662	6004		WK ZN PAV MRK NON-REMOV (W)4"(SLD)	LF	935.00			
	0662	6006		WK ZN PAV MRK NON-REMOV (W)6"(DOT)	LF	52.00			
	0662	6012		WK ZN PAV MRK NON-REMOV (W)8"(SLD)	LF	692.00			
	0662	6016		WK ZN PAV MRK NON-REMOV (W)24"(SLD)	LF	304.00			
	0662	6017		WK ZN PAV MRK NON-REMOV (W)(ARROW)	EA	5.00			
	0662	6018		WK ZN PAV MRK NON-REMOV (W)(DBL ARW)	EA	3.00			
	0662	6029		WK ZN PAV MRK NON-REMOV(W)(WORD)	EA	3.00			
	0662	6034		WK ZN PAV MRK NON-REMOV (Y)4"(SLD)	LF	724.00			
	0662	6038		WK ZN PAV MRK NON-REMOV (Y)8"(SLD)	LF	407.00			
	0662	6041		WK ZN PAV MRK NON-REMOV (Y)24"(SLD)	LF	415.00			
	0662	6048		WK ZN PAV MRK REMOV (REFL) TY I-C	EA	35.00			
	0662	6050		WK ZN PAV MRK REMOV (REFL) TY II-A-A	EA	64.00			

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				The City only will accept bid pricing to the hundredths. Any pricing extended out to three decimal points will be truncated to two decimal points in the City's favor.					
	100.1	SAWS-WT		MOBILIZATION	L.S.	1			
	100.2	SAWS-WT		INSURANCE & BOND	L.S.	1			
	550	SAWS-WT		TRENCH EXCAVATION SAFETY PROTECTION	L.F.	3635			
	818	SAWS-WT		6" PVC WATERLINE	L.F.	136			
	818	SAWS-WT		8" PVC WATERLINE	L.F.	2848			
	818	SAWS-WT		10" PVC WATERLINE	L.F.	56			
	818	SAWS-WT		12" PVC WATERLINE	L.F.	595			
	824	SAWS-WT		RELAY 3/4" SHORT SERVICE	EA.	12			
	824	SAWS-WT		RELAY 3/4" LONG SERVICE	EA.	20			
	824	SAWS-WT		RELAY 1" SHORT SERVICE	EA.	3			
	824	SAWS-WT		RELAY 1" LONG SERVICE	EA.	8			
	824	SAWS-WT		RELAY 1 1/2" LONG SERVICE	EA.	1			
	824	SAWS-WT		RELAY 1 1/2" SHORT SERVICE	EA.	2			
	824	SAWS-WT		RELAY 2" LONG SERVICE	EA.	1			
	824	SAWS-WT		RELAY 4" LONG SERVICE	EA.	1			
	826	SAWS-WT		VALVE BOX ADJUSTMENT (NON-COSA STEET MAINTENCE PACKAGES)	EA.	7			
	828	SAWS-WT		8" GATE VALVES	EA.	10			
	828	SAWS-WT		12" GATE VALVES	EA.	8			
	833	SAWS-WT		METER BOX (NON-STANDARD METER BOX, SUCH AS TYPE 1 OR TYPE	EA.	48			
	834.1	SAWS-WT		FIRE HYDRANT	EA.	5			
	836	SAWS-WT		PIPE FITTINGS, ALL SIZES AND TYPES	TON	10			
	840	SAWS-WT		6" WATER TIE-INS	EA.	10			
	840	SAWS-WT		8" WATER TIE-INS	EA.	1			
	840	SAWS-WT		10" WATER TIE-INS	EA.	2			
	840	SAWS-WT		12" WATER TIE-INS	EA.	4			
	841	SAWS-WT		HYDROSTATIC TESTING	EA.	8			
	844	SAWS-WT		2" BLOWOFF, TEMPORARY	EA.	15			
	COSA 413	SAWS-WT		FLOWABLE FILL	C.Y.	222			
							Subtotal Base Bid Amount:		

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: McCullough Avenue Area Drainage
PROJECT NO.: 40-00327

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
				The City only will accept bid pricing to the hundredths. Any pricing extended out to three decimal points will be truncated to two decimal points in the City's favor.					
	1			Install Gas Main or Casing (Distance as measured along top of trench)					
				2" Plastic Pipe and Tracer Wire	LF	2231			
				4" Plastic Pipe and Tracer Wire	LF	1340			
				8" Plastic Pipe and Tracer Wire	LF	290			
	2			Rerun and Lower Gas Service off New Main (Main to 1ft inside Property Line)					
				Short Side	EA	22			
				Long Side	EA	18			
							Subtotal Base Bid Amount:		
							Total Bid Amount:		

_____ certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

_____ Acknowledged and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total bid amount will be determined by multiplying the unit bid prices shown in this print-out by the respective estimated quantities shown in the proposal and then totaling all of the extended amounts. _____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: _____ Date: _____

Title: _____

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: McCullough Avenue Area Drainage
PROJECT NO.: 40-00327

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
2	100.1			MOBILIZATION	LS	1			
2	100.2			INSURANCE AND BOND	LS	1			
2	101.1			PREPARATION OF RIGHT-OF-WAY	LS	1			
2	103.1			REMOVE CONCRETE CURB (< 700 L.F.)	L.F.	315.00			
2	103.3			REMOVE CONCRETE SIDEWALKS & DRIVEWAYS (< 1,000 S.F.)	SF	282.00			
2	104.1			STREET EXCAVATION (< 1,000 C.Y.)	CY	275.75			
2	107.1			EMBANKMENT (FINAL)(DENS CONT)(TY B)	CY	35.91			
2	108.1			LIME TREATED SUBGRADE (6" COMPACTED DEPTH)	SY	590.00			
2	108.2			LIME (< 100 TON.)	TON	10.00			
2	203.1			TACK COAT	GAL	53.00			
2	205.2			HOT MIX ASPHALTIC PAVEMENT, TYPE B (10" COMP. DEPTH)	SY	590.00			
2	205.4			HOT MIX ASPHALTIC PAVEMENT, TYPE D (2" SURFACE)	SY	527.00			
2	401.1		1	REINFORCED CONCRETE PIPE (CLASS III)(24" DIA)	LF	22.00			
2	401.1		1	REINFORCED CONCRETE PIPE (CLASS III)(30" DIA)	LF	191.00			
2	401.1		1	REINFORCED CONCRETE PIPE (CLASS III)(36" DIA)	LF	75.00			
2	403.2		1	JUNCTION BOX 5'x5'x5'	EA	1.00			
2	403.16		4	INLET TYPE C-II (COMPETE)	EA	2.00			
2	465	6002		MANH (COMPL) (PRM) (48IN)	EA	1.00			
2	500.1			CONCRETE CURBING (< 1,000 L.F.)	LF	315.00			
2	502.1			CONCRETE SIDEWALKS (150 S.Y. < X < 1,000 S.Y)	SY	203.00			
2	503.1			PORTLAND CEMENT CONCRETE DRIVEWAYS (< 100 S.Y.)	SY	79.00			
2	530.1			BARRICADES, SIGNS & TRAFFIC HANDLING	LS	1			
2	540.1		4	CURB INLET GRAVEL FILTERS	LF	40.00			
2	540.6		4	CONSTRUCTION EXITS (INSTALL)	SY	80.00			
2	540.6		4	CONSTRUCTION EXITS (REMOVE)	SY	80.00			
2	402	6001		TRENCH EXCAVATION PROTECTION	LF	288.00			
Subtotal Bid Alternate 2 Amount:									

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: McCullough Avenue Area Drainage
PROJECT NO.: 40-00327

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
2	100.1	SAWS-WT		MOBILIZATION	L.S.	1			
2	101.1	SAWS-WT		PREPARING RIGHT OF WAY	L.S.	1			
2	550	SAWS-WT		TRENCH EXCAVATION SAFETY PROTECTION	L.F.	199			
2	818	SAWS-WT		12" PVC WATERLINE	L.F.	199			
2	824	SAWS-WT		RELAY 3/4" SHORT SERVICE	EA.	2			
2	824	SAWS-WT		RELAY 1" SHORT SERVICE	EA.	1			
2	833	SAWS-WT		METER BOX (NON-STANDARD METER BOX, SUCH AS TYPE 1 OR TYPE	EA.	3			
2	836	SAWS-WT		PIPE FITTINGS, ALL SIZES AND TYPES	TON	1			
2	840	SAWS-WT		12" WATER TIE-INS	EA.	2			
2	841	SAWS-WT		HYDROSTATIC TESTING	EA.	1			
2	844	SAWS-WT		2" BLOWOFF, TEMPORARY	EA.	1			
2	COSA 413	SAWS-WT		FLOWABLE FILL	C.Y.	5			
							Subtotal Bid Alternate 2 Amount:		
ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
2	100.1	SAWS-SS		MOBILIZATION	L.S.	1			
2	101.1	SAWS-SS		PREPARING RIGHT OF WAY	L.S.	1			
2	550	SAWS-SS		TRENCH EXCAVATION SAFETY PROTECTION	L.F.	182			
2	848	SAWS-SS		8" PVC SANITARY SEWER LINE. (0'-6')	L.F.	182			
2	852.1	SAWS-SS		SANITARY SEWER MANHOLE (0' - 6')	EA.	1			
2	854	SAWS-SS		SANITARY SEWER LATERALS (SDR 26, ASTM 2241, 160 PSI)	L.F.	195			
2	854.1	SAWS-SS		ONE-WAY SANITARY SEWER CLEAN-OUT	EA.	6			
2	864	SAWS-SS		BYPASS PUMPING	L.S.	1			
2	866	SAWS-SS		SEWER MAIN PRE-TELEVISION (8"-15")	L.F.	182			
2	866	SAWS-SS		SEWER MAIN POST-TELEVISION INSPECTION (8" - 15")	L.F.	182			
							Subtotal Bid Alternate 2 Amount:		

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: McCullough Avenue Area Drainage
PROJECT NO.: 40-00327

Total Bid Amount:

_____ certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

_____ Acknowledged and agrees that the total bid amount shown will be read as its total bid and further agrees that the official total bid amount will be determined by multiplying the unit bid prices shown in this print-out by the respective estimated quantities shown in the proposal and then totaling all of the extended amounts. _____ agrees to the terms, conditions, and requirements of the bidder's bid proposal.

Signed: _____ Date: _____

Title: _____

Update: April 2016

THE FOLLOWING ITEMS ARE SPECIAL PROVISIONS TO THE
CITY OF SAN ANTONIO
STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED
JUNE 2008

- | | |
|--|--------|
| 1. Item 531 Signs | Page 2 |
| 2. Item 535 Hot Applied Thermoplastic Pavement Markings | Page 2 |
| 3. Item 403 Storm Sewer Junction Boxes and Inlets | Page 2 |
| 4. Bid Item Summary Revisions | Page 3 |
| 5. Item 540 Temporary Erosion, Sedimentation & WPP Control | Page 4 |

Item 531 Signs

Section 531.7 Bid Item

Add:

- Item 531.86 – R3-5hTP DISTANCE (30"X8")(HIGH INTENSITY)
- Item 531.87 – M1-1 INTERSTATE ROUTE (24"X24")(HIGH INTENSITY)
- Item 531.88 – M1-4 INTERSTATE ROUTE (30"X24")(HIGH INTENSITY)
- Item 531.89 - M1-6 LOOP (24"X24")(HIGH INTENSITY)
- Item 531.90 – M3-1 CARDINAL DIRECTION (24"X12")(HIGH INTENSITY)
- Item 531.91 - M4-5 TO (24"X12")(HIGH INTENSITY)
- Item 531.92 - M6-1 DIRECTIONAL ARROW (21"X15")(HIGH INTENSITY)
- Item 531.93 - M6-3 DIRECTIONAL ARROW (21"X15")(HIGH INTENSITY)
- Item 531.94 - W2-1 INTERSECTION WARNING (30"X30")(HIGH INTENSITY)
- Item 531.95 - W4-1 MERGING TRAFFIC (30"X30")(HIGH INTENSITY)

Item 535 Hot Applied Thermoplastic Pavement Markings

Section 535.7 Bid Item

Add:

- Item 535.22 – 6 INCH WIDE WHITE LINE
- Item 535.23 – 24 INCH WIDE YELLOW LINE

Item 403 Storm Sewer Junction Boxes and Inlets

Section 403.6 Bid Item

Add:

- Item 403.13 – INLET TYPE A (COMPLETE)
- Item 403.15 – INLET TYPE C-1 (COMPLETE)
- Item 403.16 – INLET TYPE C-II (COMPLETE)

Note: See Bid Item Summary revisions.

Bid Item Summary Revisions

- Add Item 531.86 – R3-5hTP DISTANCE (30"X8")(HIGH INTENSITY)
- Add Item 531.87 – M1-1 INTERSTATE ROUTE (24"X24")(HIGH INTENSITY)
- Add Item 531.88 – M1-4 INTERSTATE ROUTE (30"X24")(HIGH INTENSITY)
- Add Item 531.89 – M1-6 LOOP (24"X24")(HIGH INTENSITY)
- Add Item 531.90 – M3-1 CARDINAL DIRECTION (24"X12")(HIGH INTENSITY)
- Add Item 531.91 – M4-5 TO (24"X12")(HIGH INTENSITY)
- Add Item 531.92 – M6-1 DIRECTIONAL ARROW (21"X15")(HIGH INTENSITY)
- Add Item 531.93 – M6-3 DIRECTIONAL ARROW (21"X15")(HIGH INTENSITY)
- Add Item 531.94 – W2-1 INTERSECTION WARNING (30"X30")(HIGH INTENSITY)
- Add Item 531.95 – W4-1 MERGING TRAFFIC (30"X30")(HIGH INTENSITY)
- Add Item 535.22 – 6 INCH WIDE WHITE LINE
- Add Item 535.23 – 24 INCH WIDE YELLOW LINE
- Add Item 403.13 - INLET TYPE A (COMPLETE)
- Add Item 403.15 - INLET TYPE C-I (COMPLETE)
- Add Item 403.16 - INLET TYPE C-II (COMPLETE)

Item 531 Temporary Erosion, Sedimentation and Water Pollution Prevention and Control

Section 540.4 Construction

A. Contractor Responsibilities

- 1.** SW3P. Implement the City's Storm Water Pollution Prevention Plan (SWP3) for the project site in accordance with the specific or general storm water permit requirements. Prevent water pollution from storm water associated with construction activity from entering any surface water or private property on or adjacent to the project site. The Contractor shall effectively prevent and control erosion and sedimentation on the site at the earliest practicable time as outlined in the approved schedule. Control measures, where applicable, will be implemented prior to the commencement of each construction operation or immediately after the area has been disturbed. Other responsibilities of Section 540.4.A.1 are as follows:
 - a. Storm Water Inspector(s) must be certified and attend the SAWS TPDES Stormwater Compliance Workshop per City Ordinance 2014-06-19-0472.
 - b. Contractor will notify SAWS before a Notice of Termination (NOT) is filed to conduct a final inspection in order to verify both compliance with final stabilization and removal of temporary BMPs from the project site per City Ordinance 2014-06-19-0472.
 - c. Contractor will adhere to the "EPA & TCEQ General Permit – Checklist of Record Keeping Responsibilities City of San Antonio (COSA) – January 2015" attached herein as part of this Special Provision.

ROADWAY (COSA)

103.1	REMOVE CONCRETE CURB (> 10,000 L.F.)	L.F.	7380.00
103.3	REMOVE CONCRETE SIDEWALKS & DRIVEWAYS (> 10,000 S.F.)	SF	40914.00
104.1	STREET EXCAVATION (1,000 C.Y. < X < 10,000 C.Y.)	CY	10044.00
107.1	EMBANKMENT (FINAL) (DENS CONT) (TY B)	CY	490.00
108.1	LIME TREATED SUBGRADE (6" COMPACTED DEPTH)	SY	17228.00
108.2	LIME (> 100 TON.)	TON	285.00
203.1	TACK COAT	GAL	1576.00
205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (10" COMP. DEPTH) - PG-64-22	SY	12911.00
205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (12" COMP. DEPTH) - PG-64-22	SY	4317.00
*205.4	HOT MIX ASPHALTIC PAVEMENT, TYPE D (2" SURFACE)	SY	15759.00
500.1	CONCRETE CURBING (>1,000 LF)	LF	7380.00
502.1	CONCRETE SIDEWALKS (1,000 S.Y. < X < 10,000S.Y.)	SY	3408.00
503.1	PORTLAND CEMENT CONCRETE DRIVEWAYS (100S.Y. < X < 1000S.Y.)	SY	557.00
503.2	PORTLAND CEMENT CONCRETE DRIVEWAYS - COMMERCIAL	SY	581.00
506.1	CONCRETE RETAINING WALLS-COMB. TYPE (<20 C.Y.)	CY	17.00
507.2	CHAIN LINK FENCE	L.F.	802.00
507.5	GATES - VEHICULAR (PER OPENING)	EA	2.00
507.6	WROUGHT IRON FENCE (6' HIGH)	L.F.	190.00

ROADWAY (TXDOT)

104 6024	REMOVING CONC (RETAINING WALLS)	SY	84.00
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DRAINAGE (COSA)

106.1	BOX CULVERT EXCAVATION & BACKFILL (> 10,000 C.Y.)	CY	27710.74
107.1	EMBANKMENT (FINAL) (ORD COMP) (TY B)	CY	1135.53
309.1	PRECAST REINFORCED CONCRETE CULVERT (5' x 3')	LF	380.00
309.1	PRECAST REINFORCED CONCRETE BOX CULVERT (7' x 4')	LF	55.00
309.1	PRECAST REINFORCED CONCRETE BOX CULVERT (8' x 4')	LF	700.00
309.1	PRECAST REINFORCED CONCRETE BOX CULVERT (9' x 5')	LF	1886.00
401.1	REINFORCED CONCRETE PIPE (CLASS III) (24" DIA)	LF	510.00
401.1	REINFORCED CONCRETE PIPE (CLASS III) (30" DIA)	LF	418.00
401.1	REINFORCED CONCRETE PIPE (CLASS III) (36" DIA)	LF	254.00
401.1	REINFORCED CONCRETE PIPE (CLASS III) (48" DIA)	LF	83.00
403.1	JUNCTION BOX 4' x 4' x 4'	EA	1.00
403.2	JUNCTION BOX 5' x 5' x 5'	EA	3.00
403.3	JUNCTION BOX 6' x 6' x 6'	EA	1.00
403.4	JUNCTION BOX 7' x 7' x 7'	EA	1.00
403.6	SPECIAL JUNCTION BOX (10' x 6')	EA	1.00
403.6	SPECIAL JUNCTION BOX (11' x 6')	EA	1.00
403.15	INLET TYPE CI (COMPLETE)	EA	12.00
403.16	INLET TYPE CII (COMPLETE)	EA	1.00
403.9	INLET EXTENSIONS (10 FT)	EA	4.00
403.13	INLET TYPE A (COMPLETE)	EA	13.00
410.1	CONCRETE SUBGRADE FILLER	CY	572.08
413.1	FLOWABLE BACKFILL (LOW STRENGTH)	CY	2535.83
505.1	CONCRETE RIPRAP (4" THICK)	CY	1.02
540.11	LOW IMPACT DEVELOPMENT (LID) BEST MANAGEMENT PRACTICES (BMP) STRUCTURE - FILTERRA	EA	1.00
551.1	TEMPORARY SPECIAL SHORING	SF	29375.00

DRAINAGE (TXDOT)

247 6041	FL BS (CMP IN PLC) (TYA GR1 - 2) (FNAL POS)	CY	8453.57
402 6001	TRENCH EXCAVATION SAFETY PROTECTION	LF	4000
432 6022	RIPRAP (STONE COMMON) (DRY) (6 IN)	CY	3.80
465 6002	MANH (COMPL) (PRM) (48IN)	EA	14.00
465 6003	MANH (COMPL) (PRM) (60IN)	EA	2.00
465 6004	MANH (COMPL) (PRM) (72IN)	EA	1.00

* PG-76-22 - ST. MARY'S, ELMIRA - SECONDARY ARTERIALS
 * PG-70-22 - EUCLID, BROOKLYN, ERIE, ATLANTA, WILMINGTON, NEWELL

Scale: 1:1
Plotted on: 4/25/2016

Pen Table: TexasTwoStep.pentable.co.tb1
Design File name: 63195*QTY*SUMMARY

2	4/2016	ITEM NUMBER/QTY REVISIONS	
1	4/2016	QUANTITY/ITEM REVISIONS	
NO.	DATE	REVISION	APP.

HNTB 130 East Travis Street, Suite 200
San Antonio, TX 78205
(210)349-2277
TBPE FIRM REGISTRATION NO.: 420 WWW.HNTB.COM

CITY OF SAN ANTONIO
TRANSPORTATION AND CAPITAL IMPROVEMENTS

**MCCULLOUGH AVENUE AREA
DRAINAGE PROJECT**

QUANTITY SUMMARY

100% SUBMITTAL	PROJECT NO. 40-00327	DATE: MAR 2016
DRAWN: DAG	DESIGN: EG	CHECK: AR SHEET NO. 21

BID ALT NO. 2 (COSA)

103.1	REMOVE CONCRETE CURB (< 700 L.F.)	L.F.	315.00
103.3	REMOVE CONCRETE SIDEWALKS & DRIVEWAYS (< 1,000 S.F.)	SF	282.00
104.1	STREET EXCAVATION (< 1,000 C.Y.)	CY	275.75
107.1	EMBANKMENT (FINAL) (DENS CONT) (TY B)	CY	35.91
108.1	LIME TREATED SUBGRADE (6" COMPACTED DEPTH)	SY	590.00
108.2	LIME (< 100 TON.)	TON	10.00
203.1	TACK COAT	GAL	53.00
205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (10" COMP. DEPTH)	SY	590.00
205.4	HOT MIX ASPHALTIC PAVEMENT, TYPE D (2" SURFACE)	SY	527.00
500.1	CONCRETE CURBING (< 1,000 L.F.)	LF	315.00
502.1	CONCRETE SIDEWALKS (150 S.Y. < X < 1,000 S.Y.)	SY	203.00
503.1	PORTLAND CEMENT CONCRETE DRIVEWAYS (< 100 S.Y.)	SY	79.00
401.1	REINFORCED CONCRETE PIPE (CLASS III) (24" DIA)	LF	22.00
401.1	REINFORCED CONCRETE PIPE (CLASS III) (30" DIA)	LF	191.00
401.1	REINFORCED CONCRETE PIPE (CLASS III) (36" DIA)	LF	75.00
403.2	JUNCTION BOX 5' x5' x5'	EA	1.00
2	403.16 INLET TYPE CII (COMPLETE)	EA	2.00

1
1

BID ALT NO. 2 (TXDOT)

465 6002	MANH (COMPL) (PRM) (48IN)	EA	1.00
2	402 6001 TRENCH EXCAVATION SAFETY PROTECTION	LF	288.00

2

Scale: 1:1
Plotted on: 4/25/2016

Pen Tab: TexasTwoStep.pentable.co.tb1
Design Filename: 63195*QTY*SUMMARY

NO.	DATE	REVISION	APP.
2	4/2016	ITEM NUMBER REV	
1	4/2016	QUANTITY/ITEM REVISIONS	

HNTB 130 East Travis Street, Suite 200
San Antonio, TX 78205
(210)349-2277
TBPE FIRM REGISTRATION NO.: 420 WWW.HNTB.COM

CITY OF SAN ANTONIO
TRANSPORTATION AND CAPITAL IMPROVEMENTS

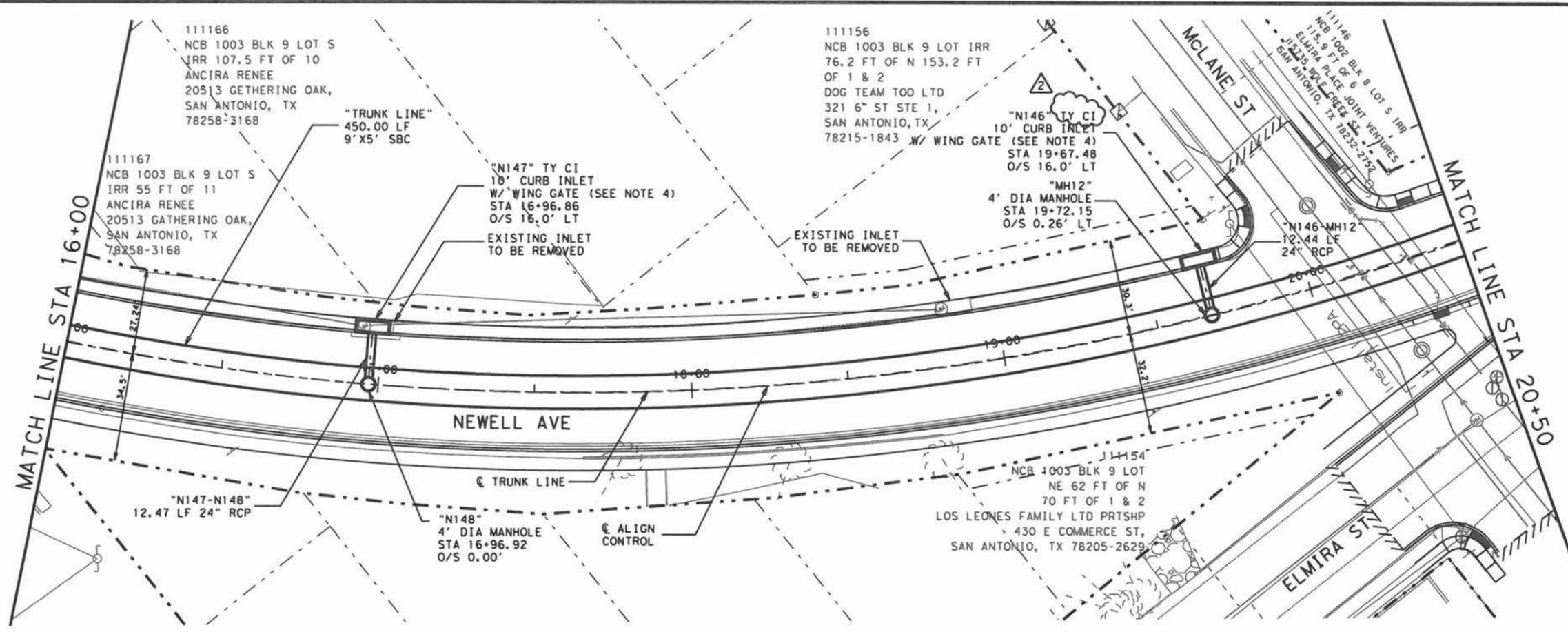
**MCCULLOUGH AVENUE AREA
DRAINAGE PROJECT**

QUANTITY SUMMARY

100% SUBMITTAL PROJECT NO. 40-00327 DATE: MAR 2016
DRAWN: DAG DESIGN: EG CHECK: AR SHEET NO. 25

Scale: 1"=40'
Plotted on: 4/25/2016

Pen Table: TexasTwoStep.pentable.co.tbl
Design Filename: 63195*STRM*PLAN*PROF.dgn

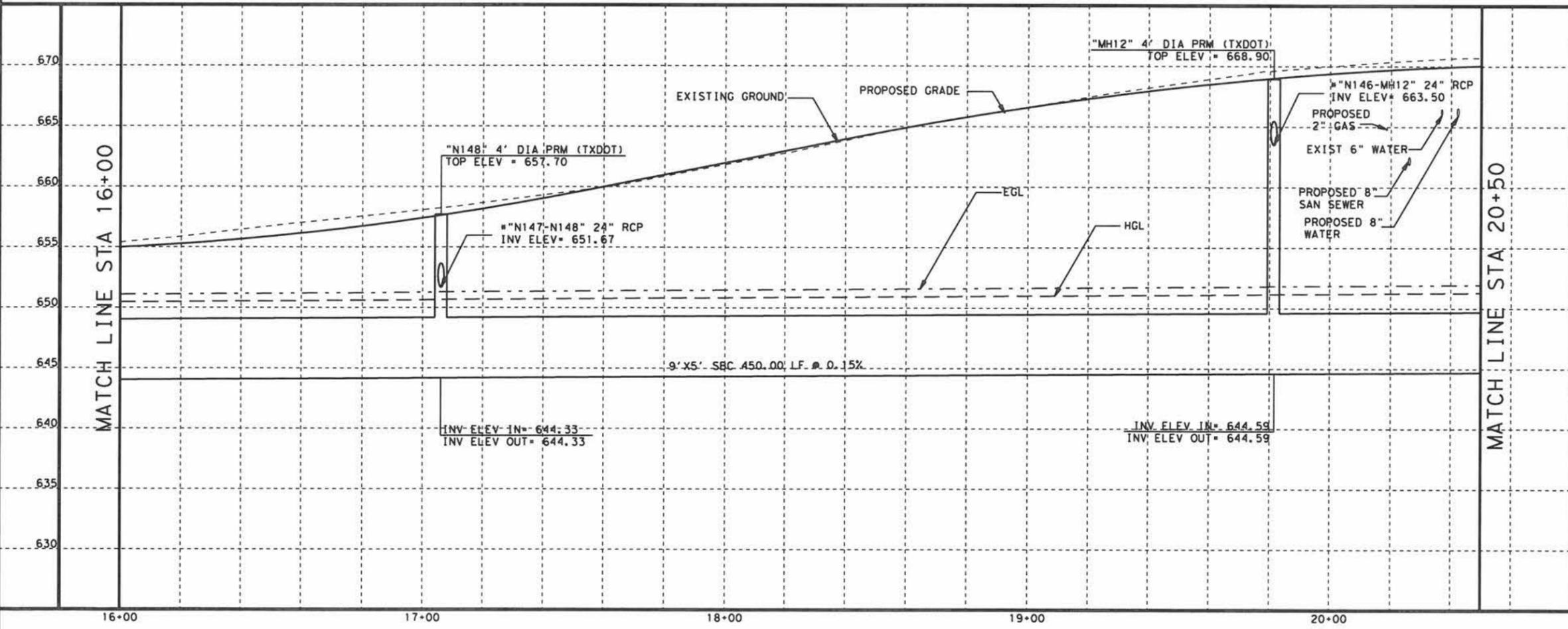


LEGEND

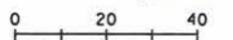
- - - 25-YR ENERGY GRADE LINE
- - - 25-YR HYDRAULIC GRADE LINE

NOTES:

1. CONTROL POINT OF MANHOLES AND JUNCTION BOXES IS AT CENTER OF BOX AND TOP OF RISER AT FINISHED GRADE.
2. ALL EXISTING AND PROPOSED UTILITIES SHOWN ARE FOR DISPLAY PURPOSES ONLY, CONTRACTOR TO VERIFY EXACT DEPTH AND LOCATION.
3. REFER TO MISCELLANEOUS DRAINAGE DETAILS FOR THIS COLLAR CONNECTION. ALTERNATIVELY, CONTRACTOR CAN PROVIDE THEIR OWN DETAIL FOR CONNECTION, PROVIDED THAT A LICENSED ENGINEER SIGNS & SEALS SAID DETAIL.
4. COST OF INLET WING GATE IS SUBSIDIARY TO ITEM 403.8.



Daniel De Leon
4/25/16



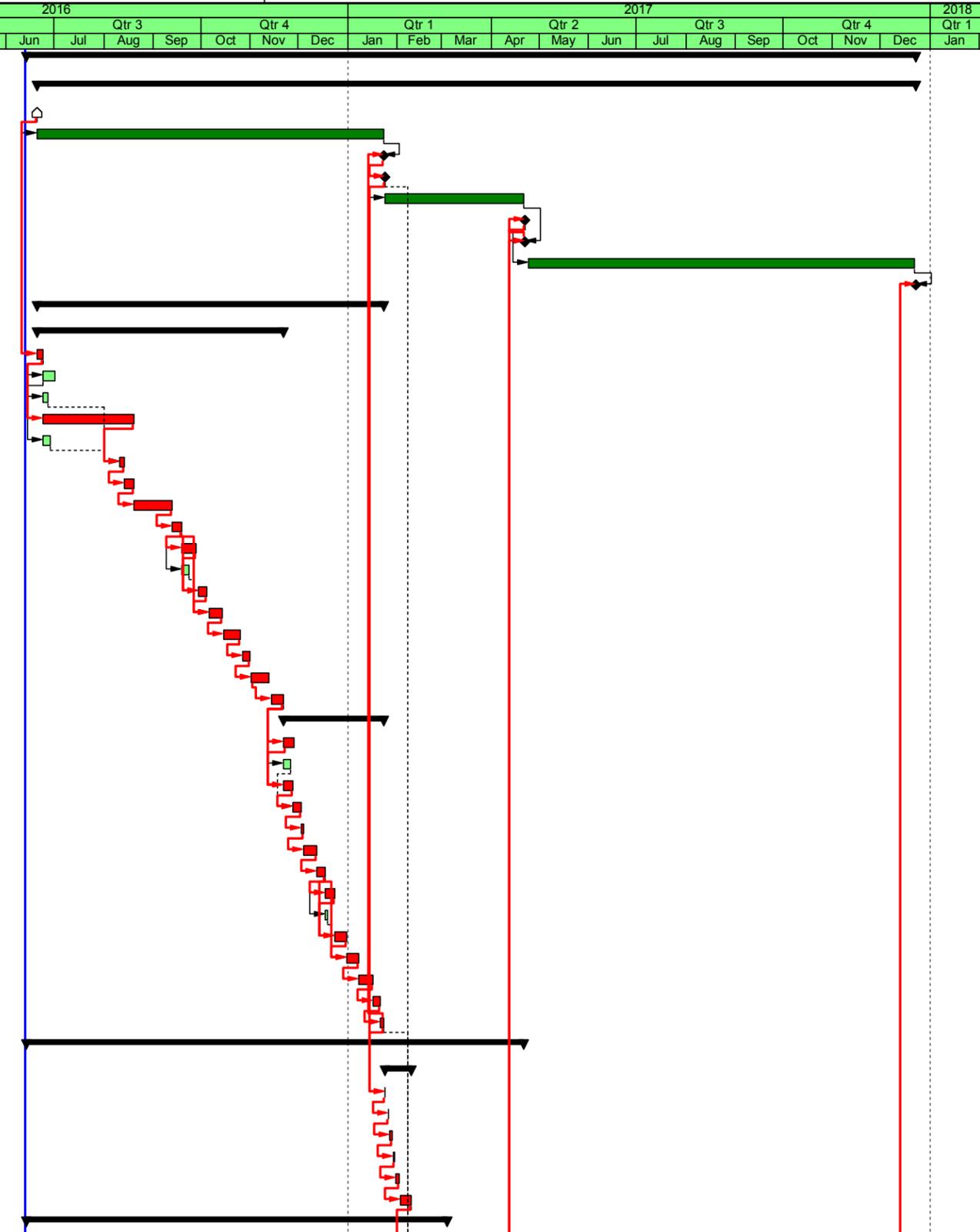
SCALE : 1"=40' -H
SCALE : 1"=10' -V

NO.	DATE	REVISION	APP.
2	4/2016	N146 INLET TYPE	

HNTB
130 East Travis Street, Suite 200
San Antonio, TX 78205
(210)349-2277
www.hntb.com

CITY OF SAN ANTONIO
TRANSPORTATION AND CAPITAL IMPROVEMENTS
MCCULLOUGH AVENUE AREA
DRAINAGE PROJECT
DRAINAGE LAYOUT
PLAN & PROFILE
STA 16+00 TO STA 20+50

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float	2016												2017												2018			
						Qtr 2		Qtr 3			Qtr 4			Qtr 1			Qtr 2			Qtr 3			Qtr 4			Qtr 1							
						May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan							
McCullough Ave. Area Drainage						389	13-Jun-16	23-Dec-17	0																								
Project Milestones & LOE						384	20-Jun-16	23-Dec-17	0																								
M.1000	Project Start (NTP) Phase 1 Start	0	20-Jun-16*		0																												
M.1060	Phase 1 LOE	150	20-Jun-16	23-Jan-17	0																												
M.1010	Phase 1 Completion	0		23-Jan-17	0																												
M.1020	Phase 2 Start	0	24-Jan-17		0																												
M.1070	Phase 2 LOE	64	24-Jan-17	21-Apr-17	0																												
M.1030	Phase 3 Start	0	22-Apr-17		0																												
M.1040	Phase 2 Completion	0		22-Apr-17	0																												
M.1080	Phase 3 LOE	170	24-Apr-17	22-Dec-17	0																												
M.1050	Phase 3 Completion	0		23-Dec-17	0																												
Phase 1 - Newell and Elmira St. from Cofferdam to Elmira and St. Mary's St. Intersection						150	20-Jun-16	23-Jan-17	0																								
Stage 1 - From Cofferdam to Elmira St. East of N. St. Mary's St.						131	20-Jun-16	21-Nov-16	0																								
Ph1.S1.100	Mobilize and Shut Down Intersection	3	20-Jun-16	23-Jun-16	0																												
Ph1.S1.110	Sanitary Sewer Shutdown	7	24-Jun-16	01-Jul-16	35																												
Ph1.S1.120	Gas Line Shutdown	3	24-Jun-16	26-Jun-16	37																												
Ph1.S1.130	Cofferdam / Connection at River Outfall / Retaining Wall / Bulkhead Work	48	24-Jun-16	19-Aug-16	0																												
Ph1.S1.140	Water Line Shutdown	5	24-Jun-16	28-Jun-16	35																												
Ph1.S1.150	Street Cut and Demolition	3	11-Aug-16	13-Aug-16	0																												
Ph1.S1.160	Street Excavation - Benching	5	14-Aug-16	19-Aug-16	0																												
Ph1.S1.170	Box Culvert Install	20	20-Aug-16	12-Sep-16	0																												
Ph1.S1.180	Install Storm Drain Laterals / Inlets	5	13-Sep-16	18-Sep-16	0																												
Ph1.S1.190	Sanitary Sewer Install	8	19-Sep-16	27-Sep-16	0																												
Ph1.S1.200	Gas Line Install	4	19-Sep-16	23-Sep-16	10																												
Ph1.S1.210	Water Line Install	6	29-Sep-16	04-Oct-16	0																												
Ph1.S1.220	Street Embankment After Benching	8	06-Oct-16	14-Oct-16	0																												
Ph1.S1.230	Street Paving	10	15-Oct-16	25-Oct-16	0																												
Ph1.S1.240	Install Sidewalks / Signage	5	27-Oct-16	31-Oct-16	0																												
Ph1.S1.250	Hardscape at River	10	01-Nov-16	12-Nov-16	0																												
Ph1.S1.260	Landscape at River	7	14-Nov-16	21-Nov-16	0																												
Stage 2 - N. St. Mary's and Elmira St. Intersection						35	21-Nov-16	23-Jan-17	0																								
Ph1.S2.100	Sanitary Sewer Shutdown	4	21-Nov-16	28-Nov-16	0																												
Ph1.S2.110	Gas Line Shutdown	2	21-Nov-16	26-Nov-16	1																												
Ph1.S2.120	Water Line Shutdown	3	21-Nov-16	27-Nov-16	0																												
Ph1.S2.130	Street Cut and Demolition	2	27-Nov-16	02-Dec-16	0																												
Ph1.S2.140	Street Excavation - Benching	2	02-Dec-16	04-Dec-16	0																												
Ph1.S2.150	Box Culvert Install	5	04-Dec-16	12-Dec-16	0																												
Ph1.S2.160	Install Storm Drain Laterals / Inlets	2	12-Dec-16	17-Dec-16	0																												
Ph1.S2.170	Sanitary Sewer Install	3	17-Dec-16	23-Dec-16	0																												
Ph1.S2.180	Gas Line Install	2	17-Dec-16	19-Dec-16	5																												
Ph1.S2.190	Water Line Install	4	23-Dec-16	31-Dec-16	0																												
Ph1.S2.200	Street Embankment After Benching	4	31-Dec-16	07-Jan-17	0																												
Ph1.S2.210	Street Paving	6	07-Jan-17	16-Jan-17	0																												
Ph1.S2.220	Install Sidewalks / Signage	2	16-Jan-17	21-Jan-17	0																												
Ph1.S2.230	Install Traffic Signal	2	21-Jan-17	23-Jan-17	0																												
Phase 2 - Elmira and Wilmington St. from St. Mary's to the Wilmington and Euclid St. Intersection						264	13-Jun-16	21-Apr-17	209																								
Stage 1a - Elmira St. From St. Mary's to Wilmington St. - South Side						14	24-Jan-17	09-Feb-17	0																								
Ph2.S1a.100	Street Cut and Demolition	1	24-Jan-17	24-Jan-17	0																												
Ph2.S1a.110	Street Excavation - Benching	1	26-Jan-17	26-Jan-17	0																												
Ph2.S1a.120	Sanitary Sewer Install	2	27-Jan-17	28-Jan-17	0																												
Ph2.S1a.130	Water Line Install	2	29-Jan-17	30-Jan-17	0																												
Ph2.S1a.140	Street Embankment After Benching	2	31-Jan-17	02-Feb-17	0																												
Ph2.S1a.150	Street Paving	6	03-Feb-17	09-Feb-17	0																												
Stage 1b - Elmira St. From St. Mary's to Wilmington St. - North Side						223	13-Jun-16	04-Mar-17	250																								



█ Remaining Work
 █ Actual Work
 █ Remaining Level of Effort
 ◊ Start Constraint
 ◊ Summary
█ Critical Remaining Work
 ◊ Milestone
█ Actual Level of Effort
 ◊ Finish Constraint





City of San Antonio
TRANSPORTATION AND CAPITAL IMPROVEMENTS

RECEIPT OF ADDENDUM NUMBER(S) 2 IS HEREBY ACKNOWLEDGED FOR PLANS AND
SPECIFICATIONS FOR CONSTRUCTION OF THE McCullough Avenue Area Drainage #40-00327

FOR WHICH BIDS WILL BE OPENED ON May 3, 2016 at 2:00pm

THIS ACKNOWLEDGEMENT MUST BE SIGNED AND RETURNED WITH THE BID
PACKAGE.

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title