

## **ADDENDUM NO. 2**

### **CITY OF SAN ANTONIO CAPITAL IMPROVEMENTS MANAGEMENT SERVICES**

**PROJECT NAME:  
BLANCO ROAD – FROM HILDEBRAND TO JACKSON KELLER**

**DATE: February 8, 2012**

## **ADDENDUM NO.2**

This addendum should be included in and be considered part of the plans and specifications for the name of the project. The contractor shall be required to sign an acknowledgement of the receipt of this addendum and submit with their bid. Where provisions of the following supplementary data differ from those of the original Construction Documents, the Addendum shall govern and take precedence.

**CIMS PROJECT NO.: 40-00004**

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### **QUESTIONS AND RESPONSE:**

Attached along with the requested Contract Time Determination Schedule.

### **CHANGES TO BID DOCUMENTS:**

1. Substitute and utilize the revised “FORM 010 INVITATION FOR BIDS (IFB) AND CONTRACT SIGNATURE PAGE”
  - a. The Bids will be received in the Office of the Clerk, City Hall, 100 Military Plaza, 2<sup>nd</sup> floor San Antonio, TX 78205 until 2:00 p.m. CST on Tuesday, February 28, 2012.
2. Substitute and utilize the revised “FORM 020 BID FORM”
  - a. The Allowance Items are included in the Bid Totals.
3. Substitute and utilize the revised “025 UNIT PRICING FORM”
  - a. The Allowance Items are included in the Bid Totals.
  - b. Base Bid
    - i. Revised Quantities for Item 401.1 REINFORCED CONCRETE PIPE (24”) CLASS III
    - ii. Removed Item 401.1 REINFORCED CONCRETE PIPE (24”) CLASS IV
    - iii. Revised Quantities for Item 401.1 REINFORCED CONCRETE PIPE (30”) CLASS III
    - iv. Removed Item 401.1 REINFORCED CONCRETE PIPE (30”) CLASS IV

- v. Revised Quantities for Item 401.1 REINFORCED CONCRETE PIPE (36") CLASS III
  - vi. Revised Description for 401.1 REINFORCED CONCRETE PIPE (48") CLASS IV
  - vii. Revised Quantities for Item 410.2 GRAVEL SUBGRADE FILLER
  - viii. Revised Quantities for Item 413.1 FLOWABLE BACKFILL
  - ix. Revised Quantities for Item 550.1 TRENCH EXCAVATION SAFETY PROTECTION
  - x. Revised Description for SAWS Sanitary Sewer Item 866 PRE-CONSTRUCTION SANITARY SEWER MAIN TELEVISION INSPECTION (18"-24" MAIN)
  - xi. Revised Quantities for CPS Energy Item 4: 8" PLASTIC PIPE AND TRACER WIRE
  - xii. Revised Quantities for CPS Energy Item 8: ASPHALT – 6" H.M.A.C. TYPE B
- c. Additive Alternate Bid
- i. Revised Quantities for Item 401.1 REINFORCED CONCRETE PIPE (42") CLASS III
  - ii. Removed Item 401.1 REINFORCED CONCRETE PIPE (42") CLASS IV
  - iii. Revised Description for 401.1 REINFORCED CONCRETE PIPE (48") CLASS IV
  - iv. Revised Quantities for Item 410.2 GRAVEL SUBGRADE FILLER
  - v. Revised Quantities for Item 413.1 FLOWABLE BACKFILL
  - vi. Revised Quantities for Item 550.1 TRENCH EXCAVATION SAFETY PROTECTION
  - vii. Revised Description for SAWS Sanitary Sewer Item 866 PRE-CONSTRUCTION SANITARY SEWER MAIN TELEVISION INSPECTION (18"-24" MAIN)

**CHANGES TO PLANS:**

Base Bid:

1. Revised Plan Sheet 23
  - a. revised to reflect all Class III Reinforced Concrete Pipe
  - b. revised quantities for items 410.2, 413.1, 550.1
2. Revised Plan Sheets 202 and 203
  - a. revised quantities for items 401.1, 410.2, 413.1, 550.1
3. Revised Plan Sheet 220
  - a. revised to clarify bedding material for pipes and box culverts
4. Revised Plan Sheet 231
  - a. modified to delete the Pipe Bedding and Backfill Details and add a reference to Specification Item 106
5. Revised CPS Energy Plan Sheet 1 and 11

- a. revised to show the existing gas line locations and tie-ins near the proposed regulator station and associated quantity changes

Additive Alternate Bid:

6. Revised Plan Sheet 21
    - a. revised to reflect all Class III Reinforced Concrete Pipe
    - b. revised quantities for items 410.2, 413.1, 550.1
  7. Revised Plan Sheet 115
    - a. revised quantities for items 401.1, 410.2, 413.1, 550.1
  8. Revised Plan Sheet 121
    - a. revised to clarify bedding material for pipes and box culverts
  9. Revised CPS Energy Plan Sheet 1 and 11
    - a. revised to show the existing gas line locations and tie-ins near the proposed regulator station and associated quantity changes
- 



*Kyle Gass*  
2/8/12

## QUESTIONS / REQUESTS ON BLANCO ROAD - HILDEBRAND TO JACKSON-KELLER

### Information Requests

- Please provide an electronic copy of your Contract Time Schedule. **Answer – A pdf copy of the contract time determination schedule is provided in Addendum #2.**
- Can we have an electronic bid form? **Answer – The electronic 025 Unit Pricing Form is available on the City Website, and included on the CD that is issued with the plans.**

### Questions / Clarifications

#### BIDDING / CONTRACT

- We would like to request a postponement of this Bid for at least one week as the Bid date is the day after “Presidents’ Day”. We are concerned that due to the holiday we would not obtain sufficient coverage from many vendors and Subcontractors. **Answer – The Bid Opening has been postponed to February 28, 2012. A revised Invitation for Bid has been issued.**
- What is the deadline for submitting questions? **Answer – Questions will be received until February 20<sup>th</sup> at noon.**
- Will the contract be awarded based on the amount of the Base Bid, or the sum of the Base Bid and Additive Alternate Bid? **Answer - Replace Section 1.1.8 of the General Conditions For City of San Antonio Heavy/Highway Construction Contracts with the following:**

“ALTERNATE” means a variation in the Work in which the Owner requires a price separate from the Base Bid. If an Alternate is accepted by the Owner, the variation will become a part of the Contract through award of the Contract. If an alternate is selected to be a part of the contract, the basis for award will be the low bid determined as the combination of the base bid and selected alternatives.

- The “Sitework and Foundations for Public Art” and “Off-Duty Police Officers for Traffic Control” are handled as allowances. Will these items be shown on the Unit Pricing Form? **Answer – The 020 Bid Form and 025 Unit Pricing Forms have been revised to include these items.**

#### RIGHT OF WAY

- If there is enough area in the Right of Way, will the City provide that area for use by the Contractor as a temporary site for construction yard? **Answer – In general, it is acceptable to utilize City Right of Way for a construction yard. The specific site proposed by the contractor will need to be approved by the City.**

#### ROADWAY

- Will lime treated subgrade ( items 180.1 & 108.2) be required under the bus pads ( item 209.1)? **Answer – No. Refer to the Concrete Pavement Bus Stop Pad Details.**
- Will base reinforcement Tx-5 (item 234.1) be installed under bus pads ( item 209.1)? **Answer – No. Refer to the Concrete Pavement Bus Stop Pad Details.**

- Since the final asphalt course is Nova Chip (item 260) will the 2" of Ty-C then be considered a level up/binder course? **Answer – The 2" Ty-C can be considered a level up/binder course. The Type C HMAC will be used during construction phasing as the travel surface.**
- Will there be a bid item for concrete curb removal, concrete sidewalk removal, or miscellaneous concrete removal? **Answer – No. As shown on the Removal Summary and the Existing Utility and Removal Plan Sheets, Removal items will be paid for under Item 100 Preparing Right of Way. Quantities are shown for Contractor's information only.**
- Specify the purpose and locations of items 200.1, 230.1, and 230.2. **Answer – Refer to the Pavement Repair Details on the Typical Section sheets. The Full Depth Pavement Repair and Flex Base items are intended to be placed between the back of sidewalk and ROW to match existing parking areas. Similarly, Block Sod items and quantities are provided when adjoining unpaved areas.**

#### DRAINAGE

- The pipe bedding detail indicates a typical and then an optional trench option. What option is required since everything has a gravel sub grade? **Answer – A revised trench detail has been issued to clarify.**
- Why is the initial backfill paid as flowable when there are several options given CoSA specs 400.3? **Answer – A revised trench detail has been issued to clarify.**
- Do we need to install the filter fabric on the pipes? **Answer – Filter fabric is not be required where flowable fill is placed over the pipe bedding material. A revised trench detail has been issued to clarify.**
- If we have to install the filter fabric on the pipes is it required on the box culverts? **Answer – Filter fabric is required over the gravel subgrade filler adjacent to the box culverts. A revised trench detail has been issued to clarify. In addition, refer to specification Item 106.**
- Verify quantities of Class III and Class IV RCP shown in the plans and summaries. **Answer – All RCP shall be Class III. A revised drainage summary has been issued to clarify quantities.**

#### ENVIRONMENTAL SPECIFICATIONS (Health and Safety Plan, Waste Management Plan, and SWP3 plan)

- Is treatment of impacted groundwater solely the responsibility of the contractor? **Answer – The contractor's environmental consultant is required to determine the method of treatment. The method is subject to approval by the City. Quantities will be adjusted by the City as necessary to provide treatment of the impacted groundwater actually encountered during construction. Groundwater that it is not impacted will be handled according to the Contractor's discretion.**
- Does all groundwater need to be tested, or just what is encountered within the Areas of Concern? **Answer – Only groundwater encountered within the Areas of Concern will need to be tested.**
- Can impacted soil be reused outside the Area of Concern? **Answer – Impacted soils can only be reused within and adjacent to the Area of Concern from which it came. Impacted soils from two different Areas of Concern cannot be mixed. Impacted soils cannot be transported to be used in another location in the project. The impacted soils must be used first to fill the trench excavation, prior to using clean fill.**

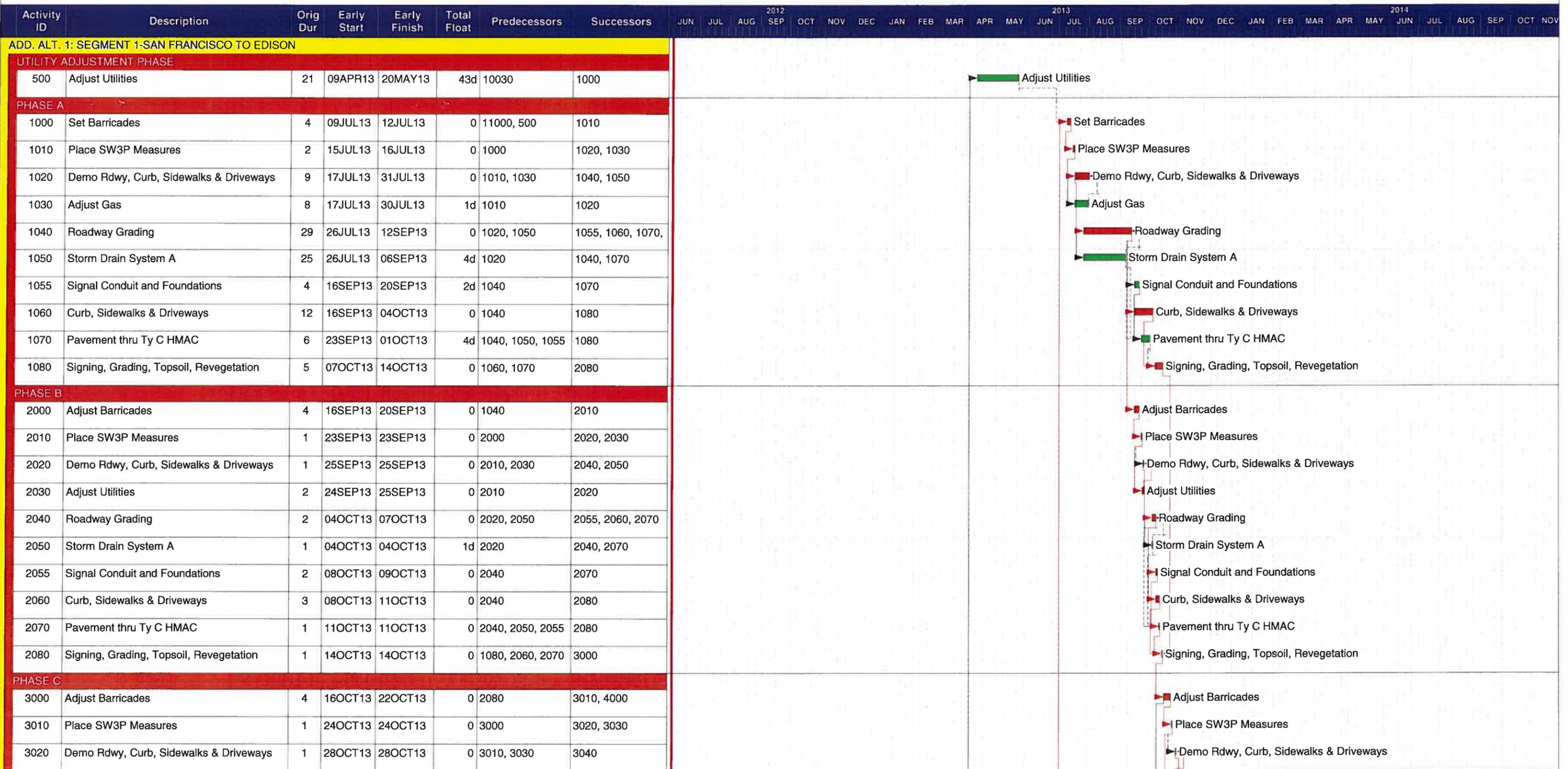
- How will embankment be paid for in Areas of Concern when soil is hauled off? **Answer – The intent is to reuse as much of the impacted soil within the Area of Concern as possible. Only excess soil will be hauled to a landfill for disposal. Therefore, there should not be a need for additional embankment.**
- Do all workers need HAZWOPER certification? **Answer – Only those employees who are working in or near the Areas of Concern are required to have HAZWOPER certification. The Health and Safety Plan must indicate who will be working in each Area of Concern, and provide copies of each employee's certificate.**
- The newly installed drainage inlets in the project early stages of work are to be plug during construction, if rain is encountered during the road bed work, will the standing water be considered contaminated and therefore have to be processed under environmental specifications for waste management plan. Or will dewatering of surface water work not fall under the waste management plan. The subgrade will not drain because of the numerous temporary driveways across the road bed. Therefore rain water will need to be removed by pumping. Will this water be considered contaminated and be processed and tested? **Answer – Water that accumulates on the road bed will not be considered impacted, and dewatering will not fall under the Environmental Specifications and Waste Management Plan. Only water encountered within trenches located in the limits of the identified Areas of Concern will be considered impacted.**

## UTILITIES

- It appears there are several incidental items for the removal of sanitary sewer and manholes. Would it be possible to quantify this and create a pay item? **Answer - The removal of the existing sanitary sewer and sanitary sewer manholes are no separate pay item and shall be considered subsidiary to all applicable bid items.**
- On the pay item for adjusting existing sanitary manholes, are we also required to clean and coat the entire manhole or just the adjusted portion? **Answer - The structural coating needs to cover the entire manhole and is inclusive to the price of adjusting the manhole per the SAWS Specification.**
- There does not appear to be a bid item for connect proposed sanitary to existing sanitary. Is it possible to create a pay item for this? **Answer - The connection of the proposed sanitary sewer to the existing sanitary sewer or manhole is no separate pay item and shall be considered subsidiary to all applicable bid items.**
- Please correct line 190 of Form 025 Base Bid to read “Pre-Construction Sanitary Sewer Main Television Inspection (8” – 15” Main)” and not (18” – 24”) **Answer – the 025 Form has been corrected.**
- Please correct line 156 of Form 024 Additive Alternate Bid to read “Pre-Construction Sanitary Sewer Main Television Inspection (8” – 15” Main)” and not (18” – 24”) **Answer – the 025 Form has been corrected.**
- Under SAWS Sanitary Sewer base bid, we have bid item 852.3 (Extra depth Manholes). We also have bid item 860 (Vertical Stacks). Please clarify and indicate the location of bid item 860. **Answer - The Vertical Stacks are shown on sheets S13, S14, and S21. They are used on sanitary sewer laterals and are measured as outlined in Specification 860 “Vertical Stacks”. The Vertical Stacks are computed by taking the finished centerline grade elevation minus the invert elevation of the sewer at the location of the service minus eight feet. For further**

information regarding either Item 852.3 “Extra Depth Manholes” or Item 860 “Vertical Stacks”, please see the corresponding SAWS specification at [www.SAWS.org](http://www.SAWS.org).

**Project 40-00004**  
**Blanco Road - From Hildebrand to Jackson Keller**  
**Funding Segments 1 and 3**



Start date 04JUN12  
 Finish date 01MAY14  
 Data date 04JUN12  
 Run date 28OCT11  
 Page number 1A  
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**Civil Engineering Consultants**  
**Blanco Road**  
**Construction Timeline**

*Kyle Gass*  
 Kyle Gass, P.E. 10/28/11  
 Date

- Early bar
- Progress bar
- Critical bar
- Summary bar
- Start milestone point
- Finish milestone point











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# CITY OF SAN ANTONIO

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Project Name: Blanco Road (From Hildebrand to Jackson-Keller)  
ID NO.: 40-00004-05-01

Date Issued: December 21, 2011  
Page 1 of 2

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## 020 BID FORM

### I. BASE BID

Amount of Street/Roadway Construction Base Bid (Insert Amount in Words and Numbers):

\_\_\_\_\_ \$ \_\_\_\_\_

Amount of SAWS Water Base Bid (Insert Amount in Words and Numbers):

\_\_\_\_\_ \$ \_\_\_\_\_

Amount of SAWS Sewer Base Bid (Insert Amount in Words and Numbers):

\_\_\_\_\_ \$ \_\_\_\_\_

Amount of CPS Base Bid (Insert Amount in Words and Numbers):

\_\_\_\_\_ \$ \_\_\_\_\_

#### Allowances:

Off-Duty Police Officers for Traffic Control - \$100,000.00

Sitework and Foundation for Public Art - \$100,000.00

**Total Amount of Base Bid (Insert Amount in Words and Numbers):**

\_\_\_\_\_ \$ \_\_\_\_\_

### II. ALTERNATES

Amount of each Alternates (if applicable) insert in Numbers:

Additive Alternate #1 - (Street/Drainage Reconstruction and Joint Bid Utilities on Blanco from San Francisco to Edison Street)

Amount of Street/Roadway Construction Bid for Additive Alternate #1 (Insert Amount in Words and Numbers):

\_\_\_\_\_ \$ \_\_\_\_\_

Amount of SAWS Water Bid for Additive Alternate #1 (Insert Amount in Words and Numbers):

\_\_\_\_\_ \$ \_\_\_\_\_

Amount of SAWS Sewer Bid for Additive Alternate #1 (Insert Amount in words and Numbers):

\_\_\_\_\_ \$ \_\_\_\_\_

Amount of CPS Base Bid for Additive Alternate #1 (Insert Amount in Words and Numbers):

\_\_\_\_\_ \$ \_\_\_\_\_

**ID NO. 40-00004-05-01**

**Allowances:**

Off-Duty Police Officers for Traffic Control - \$100,000.00

**Total Amount of Bid for Additive Alternate #1 (Insert Amount in Words and Numbers):**

\_\_\_\_\_ \$ \_\_\_\_\_

**III. UNIT PRICES**

Bidders shall submit unit pricing on the 025 Unit Pricing form, and it shall be attached immediately following this sheet.

\_\_\_\_\_  
Official Name of Company (legal)

\_\_\_\_\_  
Telephone No.

\_\_\_\_\_  
Address

\_\_\_\_\_  
Fax No.

\_\_\_\_\_  
City, State and Zip Code

\_\_\_\_\_  
E-mail Address

Name of the proposed **Project Manager:** \_\_\_\_\_

Name of the proposed **Site Superintendent:** \_\_\_\_\_

CITY OF SAN ANTONIO  
025 UNIT PRICING FORM

PROJECT NAME: BLANCO ROAD (From Hildebrand to Jackson Keller)  
PROJECT NO.: 04-00004 (BASE BID)

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	100.1			MOBILIZATION	LS	1			1
	100.2			INSURANCE AND BOND	LS	1			2
	101.1			PREPARING RIGHT OF WAY	LS	1			3
	104.1			STREET EXCAVATION	CY	15674			4
	106.1			BOX CULVERT EXCAVATION & BACKFILL	CY	6783			5
	107.1			EMBANKMENT (FINAL)(DENS CONT)(TY B)	CY	98			6
	108.1			LIME TREAT. SUBGRADE (6" COMPACTED DEPTH)	SY	26698			7
	108.2			LIME	TON	481			8
	200.1			FLEXIBLE BASE (6" COMPACTED DEPTH)(TY C)	SY	75			9
	203.1			TACK COAT	GAL	19			10
	205.2			HOT MIX ASPHALTIC PAVEMENT, TYPE B (6" COMP. DEPTH)	SY	657			11
	205.2			HOT MIX ASPHALTIC PAVEMENT, TYPE B (8.5" COMP. DEPTH)	SY	26698			12
	205.2			HOT MIX ASPHALTIC PAVEMENT, TYPE B (12" COMP. DEPTH)	SY	501			13
	205.2			HOT MIX ASPHALTIC PAVEMENT, TY B (7.5" COMPACTED DEPTH)	SY	175			14
	205.3			HOT MIX ASPHALTIC PAVEMENT, TYPE C (2" COMP. DEPTH)	SY	24887			15
	205.4			HOT MIX ASPHALTIC PAVEMENT, TY D (2.5" COMPACTED DEPTH)	SY	191			16
	209.1			CONCRETE PAVEMENT (10" DEPTH)(BUS PAD)	SY	1665			17
	230.1			FLEXIBLE PAVEMENT FULL-DEPTH REPAIR (6" COMP. DEPTH)	SY	687			18
	230.2			CONCRETE PAVEMENT FULL-DEPTH REPAIR (6" COMP. DEPTH)	SY	144			19
	234.1			BASE REINFORCEMENT TX-5	SY	26698			20
	260			ULTRA-THIN BONDED HOT MIX WEARING COURSE (NOVACHIP SURFACE TREATMENT)	SY	24887			21
	308.1			DRILLED SHAFTS (24")	LF	68.4			22
	308.1			DRILLED SHAFTS (30")	LF	11.3			23
	308.1			DRILLED SHAFTS (36")	LF	66			24
	309.1			PRECAST CONCRETE CULVERT (3'X3')	LF	61.29			25
	309.1			PRECAST CONCRETE CULVERT (4'X3')	LF	171.1			26
	309.1			PRECAST CONCRETE CULVERT (6'X5')	LF	1076.86			27
	401.1		401	REINFORCED CONCRETE PIPE (24") CLASS III	LF	1004.75			28
	401.1		401	REINFORCED CONCRETE PIPE (30") CLASS III	LF	539.7			29
	401.1		401	REINFORCED CONCRETE PIPE (36") CLASS III	LF	281.16			30
	401.1		401	REINFORCED CONCRETE PIPE (42") CLASS III	LF	234.47			31
	401.1		401	REINFORCED CONCRETE PIPE (48") CLASS III	LF	249.1			32
	401.1		401	REINFORCED CONCRETE PIPE (60") CLASS III	LF	521.65			33
	403.1		403	JUNCTION BOX 4'X4'X4'	EA	9			34
	403.3		403	JUNCTION BOX 6'X6'X6'	EA	6			35
	403.4		403	JUNCTION BOX 7'X7'X7'	EA	3			36
	403.5		403	JUNCTION BOX 8'X8'X8'	EA	1			37
	403.7		403	INLET (TY I)	EA	8			38
	403.09		403	INLET (TY III)	EA	7			39
	403.11		403	INLET (TY V)	EA	6			40
	403.15		403	TY W-5	EA	1			41
	403.21		403	TY X-1	EA	2			42
	403.22		403	TY X-2	EA	2			43
	403.23		403	TY X-3	EA	1			44

CITY OF SAN ANTONIO  
025 UNIT PRICING FORM

PROJECT NAME: BLANCO ROAD (From Hildebrand to Jackson Keller)  
PROJECT NO.: 04-00004 (BASE BID)

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	403.24		403	TY X-4	EA	5			45
	403.25		403	TY X-5	EA	2			46
	403.26		403	TY X-6	EA	4			47
	403.27			MANHOLE VERTICAL STACK	EA	9			48
	410.2			GRAVEL SUBGRADE FILLER	CY	607.2			49
	413.1			FLOWABLE BACKFILL	CY	898.4			50
	500.1			CONCRETE CURBING	LF	7852			51
	502.1		502	CONCRETE SIDEWALKS	SY	3711			52
	503.1		503	PORTLAND CEMENT CONCRETE DRIVEWAYS	SY	65			53
	503.2		503	PORTLAND CEMENT CONCRETE DRIVEWAYS - COMMERCIAL	SY	3080			54
	503.4		503	ASPHALTIC CONCRETE DRIVEWAY	SY	1039			55
	503.5		503	GRAVEL DRIVEWAY	SY	9			56
	504.1			CONCRETE MEDIAN	SY	269			57
	504.2			CONCRETE DIRECTIONAL ISLAND	SY	121			58
	505.1		505	CONCRETE RIPRAP (4")	SY	10			59
	505.1		505	CONCRETE RIPRAP (5" THICK)	SY	63.3			60
	506.1			CONCRETE RETAINING WALLS-COMB. TYPE	CY	41			61
	507.1			CHAIN LINK WIRE FENCE (4' HIGH)	LF	92			62
	507.2			CHAIN LINK WIRE FENCE (6' HIGH)	LF	152			63
	507.3			CHAIN LINK WIRE FENCE (8' HIGH)	LF	50			64
	507.4			GATES-PEDESTRIAN	EA	2			65
	508.1			RELOCATING WIRE FENCE	LF	50			66
	516.1			BURMUDA SODDING	SY	692			67
	516.2			ST. AUGUSTINE SODDING	SY	692			68
	522.1			SIDEWALK PIPE RAILING	LF	10			69
	523.1		523	ADJUSTING VEHICULAR GATES	OPENING	2			70
	523.3		523	ADJUSTING PEDESTRIAN GATES	EA	2			71
	525.1			CONCRETE TRAFFIC BARRIER (PORTABLE)	LF	3060			72
	530.1			BARRICADES, SIGNS AND TRAFFIC HANDLING	LS	1			73
	531.03			R1-1 STOP (30")(HIGH DENSITY)	EA	14			74
	531.04			R1-2 YIELD (36")(HIGH DENSITY)	EA	2			75
	531.06			R2-1 SPEED LIMIT (24"x30")	EA	6			76
	531.21			R7-1 NO PARKING ANYTIME (18"x24")(HIGH DENSITY)	EA	2			77
	531.22			R7-18 NO PARKING THIS SIDE THIS BLOCK (18"x24")(HIGH DENSITY)	EA	1			78
	531.24			R9-3A PEDESTRIAN CROSSING PROHIBITED (18"x18")(HIGH DENSITY)	EA	1			79
	531.57			9 INCH STREET NAME BLOCK NUMBERS (VARIES X 9")	EA	54			80
	531.59			SPECIAL SIGN (HIGH DENSITY)	EA	7			81
	531.86			R9-3B USE CROSSWALK (18"x12")(HIGH INTENSITY)	EA	1			82
	531.87			R10-1 CROSS ONLY ON PED SIGNAL (9"x12")(HIGH INTENSITY)	EA	12			83
	535.01			4 INCH WIDE YELLOW LINE	LF	5625			84
	535.02			4 INCH WIDE WHITE LINE	LF	1800			85
	535.04			8 INCH WIDE WHITE LINE	LF	745			86
	535.07			24 INCH WIDE WHITE LINE	LF	940			87
	535.09			LEFT WHITE ARROW	EA	8			88
	535.12			WORD "ONLY"	EA	3			89

CITY OF SAN ANTONIO  
025 UNIT PRICING FORM

PROJECT NAME: BLANCO ROAD (From Hildebrand to Jackson Keller)  
PROJECT NO.: 04-00004 (BASE BID)

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	535.22			6 INCH BROKEN WHITE LINE	LF	60			90
	535.30			24 INCH WIDE YELLOW LINE	LF	193			91
	535.31			18 INCH WHITE YIELD TRIANGLE	EA	20			92
	535.32			YELLOW MEDIAN NOSE	EA	1			93
	537.1			TRAFFIC BUTTON (TYPE W)	EA	2434			94
	537.2			TRAFFIC BUTTON (TYPE Y)	EA	3262			95
	537.6			PAVEMENT MARKER (TYPE I-C)	EA	204			96
	537.8			PAVEMENT MARKER (TYPE II A-A)	EA	1326			97
	537.9			PAVEMENT MARKER (TYPE II C-R)	EA	809			98
	540.06			CONSTRUCTION EXITS (INSTALL/REMOVE)	SY	390			99
	540.07			CONSTRUCTION PERIMETER FENCE	LF	11630			100
	540.10			CURB INLET GRAVEL FILTERS	LF	980			101
	550.1			TRENCH EXCAVATION SAFETY PROTECTION	LF	4140.08			102
	552.1			REMOVING AND RELOCATING IRRIGATION SYSTEMS	LF	300			103
	615.1			TRAFFIC SIGNAL CONTROLLER ASSEMBLY (TYPE 332 CABINET)	EA	2			104
	618.1			CONDUIT (2 INCH/PVC SCHEDULE 40)	LF	3404			105
	618.2			CONDUIT (3 INCH / PVC SCHEDULE 40)	LF	1054			106
	620.1			ELECTRICAL CONDUCTORS (NO. 6) (BARE)	LF	46			107
	620.2			ELECTRICAL CONDUCTORS (NO. 8) (BARE)	LF	708			108
	620.3			ELECTRICAL CONDUCTORS (NO. 6) (INSULATED)	LF	152			109
	624.8			GROUND BOXES TYPE D (162922) W/ APRON	EA	26			110
	628.1			ELECTRICAL SERVICES	EA	2			111
	655.1			TYPE 332 CONTROLLER FOUNDATION	EA	2			112
	680.2			INSTALLATION OF HIGHWAY TRAFFIC SIGNALS (SYSTEM)	EA	2			113
	681.1			TEMP TRAFFIC SIGNAL (PER INTERSECTION)	EA	2			114
	682.1			INS VEH SIG SECTION W/BACK PLATE (12 INCH)(3 SECONDS)	EA	14			115
	682.2			INS VEH SIG SECTION W/BACK PLATE (12 INCH)(4 SECONDS)	EA	4			116
	686.282B			INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL) (2 ARM 28-28")(ILSN)	EA	1			117
	682.4			INSTALL PEDESTRIAN SIGNAL SECTION (12 IN) LED (2 IND)	EA	12			118
	684.1			TRAFFIC SIGNALCABLES (TYPE A)(14AWG)(CONDUCTOR NO.4)	LF	906			119
	684.1			TRAFFIC SIGNALCABLES (TYPE A)(14AWG)(CONDUCTOR NO.9)	LF	2478			120
	686.51			INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL) (1 ARM 36")(ILSN)	EA	1			121
	686.61			INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL) (1 ARM 40")(ILSN)	EA	4			122
	687.1			PEDESTAL POLE ASSEMBLY	EA	5			123
	688.2			PEDESTRIAN DETECTORS (2 INCH PUSH BUTTON)	EA	12			124
	693.1			INTERNALLY LIGHTED STREET NAME SIGN (LED) (6 FT) (DOUBLE SIDED)	EA	4			125
	693.2			INTERNALLY LIGHTED STREET NAME SIGN (LED) (8 FT) (DOUBLE SIDED)	EA	2			126
	693.3			INTERNALLY LIGHTED STREET NAME SIGN (LED) (6 FT) (SINGLE SIDED)	EA	1			127
	694.1			VIVDS PROCESSOR UNIT	EA	15			128
	694.2			VIVDS CAMERA ASSEMBLY	EA	15			129
	694.4			VIVDS SET-UP SYSTEM	EA	2			130
	694.6			VIVDS COMMUNICATION CABLE (COAXIAL)	LF	2022			131
	695.3			EMERGENCY PREEMPTION DETECTOR	EA	3			132
	695.4			EMERGENCY PREEMPTION DETECTOR CABLE	LF	1118			133
	801.2			LEVEL IIA PROTECTIVE FENCING	LF	100			134
	801.3			LEVEL IIB PROTECTIVE FENCING	LF	23			135
	802.2			LEVEL II PRUNING	LS	1			136
	9506			REMOVAL AND REPLACEMENT OF WROUGHT IRON FENCE	LF	50			137
	9507			REMOVING AND REPLACING PIPE RAIL FENCE	LF	50			138
	9508.1			REMOVAL AND REPLACEMENT OF WOOD FENCE	LF	50			139

CITY OF SAN ANTONIO  
025 UNIT PRICING FORM

PROJECT NAME: BLANCO ROAD (From Hildebrand to Jackson Keller)  
PROJECT NO.: 04-00004 (BASE BID)

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	9508.2			REMOVAL AND REPLACEMENT OF WOOD GATES	EA	2			140
	110.2.1			TRANSPORTATION TO DISPOSAL FACILITY (COSA)	CY	3000			141
	110.2.4			TRANSPORTATION TO DISPOSAL FACILITY (CPS))	CY	240			142
	110.2.9			LANDFILL DISPOSAL (COSA)	CY	3000			143
	110.2.12			LANDFILL DISPOSAL (CPS)	CY	240			144
	110.4.1			REMOVAL, STORAGE AND TREATMENT OF IMPACTED GROUNDWATER	GAL	25000			145
	110.4.2			DISPOSAL OF IMPACTED GROUNDWATER	GAL	25000			146
	110.5.1			DEVELOPMENT OF A SITE SPECIFIC HEALTH AND SAFETY PLAN	LS	1			147
	110.6.1			DEVELOPMENT OF THE WASTE MANAGEMENT PLAN	LS	1			148
	110.6.2			ENVIRONMENTAL OVERSIGHT IMPLEMENTATION	LS	1			149
	0662 2001			WK ZN PAV MRK NON-REMOV (W) 4" (BRK)	LF	1780			150
	0662 2012			WK ZN PAV MRK NON-REMOV (W) 8" (SLD)	LF	745			151
	0662 2032			WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	5587			152
	0662 2079			WK ZN PAV MRK REMOV (W) 24" (SLD)	LF	492			153
	0662 2113			WORK ZN PAV MRK SHT TERM (TAB) TY W	EA	450			154
	0662 2114			WORK ZN PAV MRK SHT TERM (TAB) TY Y	EA	1050			155
				OFF DUTY POLICE OFFICERS FOR TRAFFIC CONTROL	LS	1	\$100,000.00	\$100,000.00	156
				SITework AND FOUNDATION FOR PUBLIC ART	LS	1	\$100,000.00	\$100,000.00	157
Total CoSA Base Bid Amount:									

SAWS Sanitary Sewer Base Bid

	100			Mobilization	LS	1			1
	101			Preparation of Right-of-Way	LS	1			2
	550			Trench Excavation Safety Protection	LF	1,967.70			3
	848			8" PVC Gravity Sanitary Sewer Line (0'-6' Cut) (SRD 26)	LF	223.20			4
	848			8" PVC Gravity Sanitary Sewer Line (6'-10' Cut) (SRD 26)	LF	590.36			5
	848			8" PVC Gravity Sanitary Sewer Line (10'-14' Cut) (SRD 26)	LF	184.81			6
	848			8" PVC Gravity Sanitary Sewer Line (14'-18' Cut) (SRD 26)	LF	46.00			7
	848			10" PVC Gravity Sanitary Sewer Line (6'-10' Cut) (SRD 26)	LF	134.25			8
	848			10" PVC Gravity Sanitary Sewer Line (10'-14' Cut) (SRD 26)	LF	384.41			9
	848			10" PVC Gravity Sanitary Sewer Line (14'-18' Cut) (SRD 26)	LF	14.62			10
	848			15" PVC Gravity Sanitary Sewer Line (10'-14' Cut) (SRD 26)	LF	95.75			11
	848			15" PVC Gravity Sanitary Sewer Line (14'-18' Cut) (SRD 26)	LF	254.30			12
	851			Adjusting Existing Manholes (Watertight Ring and Cover)	EA	3			13
	852.1			Sanitary Sewer Manhole (0'-6')	EA	14			14
	852.2			Sanitary Sewer Drop Manhole (0'-6')	EA	2			15
	852.3			Extra Depth Manhole (>6')	VF	46.3			16
	854			Sanitary Sewer Laterals	LF	529			17
	854A			One-Way Sanitary Sewer Clean-out	EA	17			18
	858			Concrete Encasement, Cradles, Saddles & Collars	CY	13.0			19
	860			Vertical Stacks	VF	12.0			20
	864			Bypass Pumping	LS	1			21
	866			Post-Construction Sanitary Sewer Main Television Inspection (8"-15" Main)	LF	1,927.70			22
	866			Pre-Construction Sanitary Sewer Main Television Inspection (8"-15" Main)	LF	2,533.92			23
	110.2.3			TRANSPORTATION TO DISPOSAL FACILITY (SAWS SEWER)	CY	280			24
	110.2.11			LANDFILL DISPOSAL (SAWS SEWER)	CY	280			25
Total SAWS Sanitary Sewer Base Bid Amount:									

CITY OF SAN ANTONIO  
025 UNIT PRICING FORM

PROJECT NAME: BLANCO ROAD (From Hildebrand to Jackson Keller)  
PROJECT NO.: 04-00004 (BASE BID)

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
SAWS Water Base Bid									
	100			Mobilization	LS	1			1
	101			Preparation of Right-of-Way	LS	1			2
	550			Trench Excavation Safety Protection	LF	4,612			3
	818			6" PVC Waterline (Restrained)	LF	44			4
	818			8" PVC Waterline (Restrained)	LF	3,788			5
	818			12" PVC Waterline (Restrained)	LF	723			6
	818			16" PVC Waterline (Restrained)	LF	57			7
	824			Relay 3/4" Short Service	EA	10			8
	824			Relay 3/4" Long Service	EA	8			9
	824			Relay 1" Long Service	EA	4			10
	824			Relay 1 1/2" Short Service	EA	1			11
	824			Relay 1 1/2" Long Service	EA	3			12
	824			Relay 2" Short Service	EA	2			13
	824			Relay 4" Short Service	EA	1			14
	824.5			Customer Shut-Off Valve	EA	13			15
	826			Valve Box Adjustment	EA	2			16
	828			4" Gate Valve	EA	1			17
	828			8" Gate Valve	EA	24			18
	828			12" Gate Valve	EA	4			19
	828			16" Gate Valve	EA	1			20
	832			24"x8" Tapping Sleeves & Valves	EA	1			21
	833			Existing Meter and New Meter Box Relocation	EA	28			22
	833			Meter Box	EA	28			23
	834			Fire Hydrant	EA	8			24
	836			Pipe Fittings, All Sizes and Types	TON	15.20			25
	840			6" Water Tie-ins	EA	9			26
	840			8" Water Tie-ins	EA	8			27
	840			12" Water Tie-ins	EA	5			28
	840			16" Water Tie-ins	EA	2			29
	840			24" Water Tie-ins	EA	1			30
	841			Hydrostatic Testing	EA	7			31
	844			2" Blowoff, Temporary	EA	19			32
	846			1" Air Release Assemblies	EA	1			33
	856.2			8" Carrier Pipe	LF	68			34
	856.3			Casing or Liner 24"	LF	68			35
	3000.14			Removal, Transp and Disposal of AC Pipe	LS	1			36
	3000.15			Asbestos Abatement Work Plan	LS	1			37
	110.2.2			TRANSPORTATION TO DISPOSAL FACILITY (SAWS WATER)	CY	250			38
	110.2.10			LANDFILL DISPOSAL (SAWS WATER)	CY	250			39
							Total SAWS Water Base Bid Amount:		

CITY OF SAN ANTONIO  
025 UNIT PRICING FORM

PROJECT NAME: BLANCO ROAD (From Hildebrand to Jackson Keller)  
PROJECT NO.: 04-00004 (BASE BID)

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
CPS Energy Gas Base Bid									
NOTE A:	For each of the items below, the Contractor's work is to include: trenching, joining, testing, coating steel, connecting new pipe to existing pipe and all necessary fittings for tie-ins such as, stopper fittings and 3-way stopper tees, sand padding, backfilling and compacting to consistency of original soil, installing all necessary cathodic protection devices such as CPTLB's and anodes, replacing paving, curbs, and sidewalks removed or damaged during construction, and cleanup as may be necessary in each instance.								
NOTE B:	Trenching is considered to be the normal method of service installation and is required on all service adjustments. A gas service can be rerun by INSERTION, when the old service is PULLED from the riser to one foot inside the property line, ONLY at the discretion of the CPS Inspector.								
NOTE C:	Bid quantities shown are estimates by CPS. Per foot prices shall be applied to the actual distance measured along the top of the trench or the actual length of the bore, as applicable.								
NOTE D:	Unit prices shall include insurance costs. CPS' insurance requirements are specified in Exhibit GAS-1.								
	1			Rerun and Lower Gas Service Off New Main (Main to 1 Ft. Inside Property Line), Sizes 1/2" thru 4" (including replacing riser if necessary).					
				SHORT SIDE	1 EA	3			1
				LONG SIDE	1 EA	4			2
	2			Rerun and Lower Gas Service Off New Main to Meter, Sizes 1/2" thru 4" (including replacing riser if necessary).					
				SHORT SIDE	1 EA	3			3
				LONG SIDE	1 EA	5			4
	3			Extend or Cut Back, pump test and tie existing service to new main, sizes 1/2" to 4"					
				TIE OVER	1 EA	1			5
	4			Install Gas Main or Casing (Distance As Measured Along the Top of Trench)					
				2" PLASTIC PIPE AND TRACER WIRE	1 FT	2944			6
				6" PLASTIC PIPE AND TRACER WIRE	1 FT	88			7
				8" PLASTIC PIPE AND TRACER WIRE	1 FT	58			8
				12" STEEL	1 FT	1162			9
The COST to abandon the existing main(s) is not an ADDITIONAL item and is to be included in the Unit Price(s) for this item.									
	5			Install Gas Mains Joint Trench (Distance As Measured Along the Top of Trench)					
				6" PLASTIC PIPE WITH TRACER WIRE & 12" STEEL	1 FT	1092			10
				2" PLASTIC PIPE WITH TRACER WIRE & 12" STEEL	1 FT	198			11
The COST to abandon the existing main(s) is not an ADDITIONAL item and is to be included in the Unit Price(s) for this item.									
	6			Fabricate and Install Underground Double Run Regulator Station. Includes abandoning and removal of existing Regulator Station.					
				REGULATOR STATION	1 EA	1			12
	7			Install Underground Vault, Concrete Pad, and Concrete filled Bollards. Includes abandoning and removal of existing Underground Vault.					
				UNDERGROUND VAULT	1 EA	2			13
	8			Temporary Street Restoration (Utility Adjustment Phase)					
				ASPHALT - 6" H.M.A.C. TYPE B	1 SY	710			14

CITY OF SAN ANTONIO  
025 UNIT PRICING FORM

PROJECT NAME: BLANCO ROAD (From Hildebrand to Jackson Keller)  
PROJECT NO.: 04-00004 (BASE BID)

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
	9			Street Restoration Adjustment, when required. To be used as directed by the CPS Energy Representative.					
				FLOWABLE FILL OR ASPHALT TREATED BASE	1 CY	11			15
				ASPHALT (2" H.M.A.C. TYPE D)	1 SY	50			16
Total CPS Gas Base 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: BLANCO ROAD (From Hildebrand to Jackson Keller)  
PROJECT NO.: 04-00004 (ADDITIVE ALTERNATE 1)

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
1	100.1			MOBILIZATION	LS	1			1
1	100.2			INSURANCE AND BOND	LS	1			2
1	101.1			PREPARING RIGHT OF WAY	LS	1			3
1	104.1			STREET EXCAVATION	CY	9757			4
1	106.1			BOX CULVERT EXCAVATION & BACKFILL	CY	2439			5
1	107.1			EMBANKMENT (FINAL)(DENS CONT)(TY B)	CY	13			6
1	108.1			LIME TREAT. SUBGRADE (6" COMPACTED DEPTH)	SY	17114			7
1	108.2			LIME	TON	309			8
1	200.1			FLEXIBLE BASE (6" COMPACTED DEPTH)(TY C)	SY	24			9
1	203.1			TACK COAT	GAL	9			10
1	205.2			HOT MIX ASPHALTIC PAVEMENT, TYPE B (8.5" COMP. DEPTH)	SY	17114			11
1	205.2			HOT MIX ASPHALTIC PAVEMENT, TY B (7.5" COMPACTED DEPTH)	SY	89			12
1	205.3			HOT MIX ASPHALTIC PAVEMENT, TYPE C (2.25" COMP. DEPTH)	SY	445			13
1	205.3			HOT MIX ASPHALTIC PAVEMENT, TYPE C (2" COMP. DEPTH)	SY	16552			14
1	208.1			SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT(3" DEPTH)	SY	445			15
1	209.1			CONCRETE PAVEMENT (10" DEPTH)(BUS PAD)	SY	1254			16
1	230.1			FLEXIBLE PAVEMENT FULL-DEPTH REPAIR (6" COMP. DEPTH)	SY	424			17
1	230.2			CONCRETE PAVEMENT FULL-DEPTH REPAIR (6" COMP. DEPTH)	SY	97			18
1	234.1			BASE REINFORCEMENT TX-5	SY	17114			19
1	260			ULTRA-THIN BONDED HOT MIX WEARING COURSE (NOVACHIP SURFACE TREATMENT)	SY	16997			20
1	308.1			DRILLED SHAFTS (24")	LF	91.2			21
1	308.1			DRILLED SHAFTS (30")	LF	45.2			22
1	308.1			DRILLED SHAFTS (36")	LF	52.8			23
1	309.1			PRECAST CONCRETE CULVERT (6'X4')	LF	428.04			24
1	401.1		401	REINFORCED CONCRETE PIPE (24") CLASS III	LF	644.2			25
1	401.1		401	REINFORCED CONCRETE PIPE (42") CLASS III	LF	440.71			26
1	401.1		401	REINFORCED CONCRETE PIPE (48") CLASS III	LF	1144.31			27
1	401.1		401	REINFORCED CONCRETE PIPE (54") CLASS III	LF	326.98			28
1	403.1		403	JUNCTION BOX 4'X4'X4'	EA	1			29
1	403.3		403	JUNCTION BOX 6'X6'X6'	EA	10			30
1	403.4		403	JUNCTION BOX 7'X7'X7'	EA	3			31
1	403.5		403	JUNCTION BOX 8'X8'X8'	EA	1			32
1	403.7		403	INLET (TY I)	EA	6			33
1	403.09		403	INLET (TY III)	EA	12			34
1	403.11		403	INLET (TY V)	EA	1			35
1	403.21		403	TY X-1	EA	3			36
1	403.23		403	TY X-3	EA	4			37
1	403.25		403	TY X-5	EA	1			38
1	403.27			MANHOLE VERTICAL STACK	EA	4			39
1	410.2			GRAVEL SUBGRADE FILLER	CY	451.4			40
1	413.1			FLOWABLE BACKFILL	CY	1177.7			41
1	500.1			CONCRETE CURBING	LF	4923			42

CITY OF SAN ANTONIO  
025 UNIT PRICING FORM

PROJECT NAME: BLANCO ROAD (From Hildebrand to Jackson Keller)  
PROJECT NO.: 04-00004 (ADDITIVE ALTERNATE 1)

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
1	502.1		502	CONCRETE SIDEWALKS	SY	2287			43
1	503.1		503	PORTLAND CEMENT CONCRETE DRIVEWAYS	SY	951			44
1	503.2		503	PORTLAND CEMENT CONCRETE DRIVEWAYS - COMMERCIAL	SY	1744			45
1	503.4		503	ASPHALTIC CONCRETE DRIVEWAY	SY	915			46
1	503.5		503	GRAVEL DRIVEWAY	SY	121			47
1	506.1			CONCRETE RETAINING WALLS-COMB. TYPE	CY	33.3			48
1	507.1			CHAIN LINK WIRE FENCE (4' HIGH)	LF	43			49
1	507.2			CHAIN LINK WIRE FENCE (6' HIGH)	LF	127			50
1	507.5			GATES-VEHICULAR	OPENING	2			51
1	516.1			BURMUDA SODDING	SY	217			52
1	516.2			ST. AUGUSTINE SODDING	SY	217			53
1	524.1			CONCRETE STEPS	CY	2			54
1	525.1			CONCRETE TRAFFIC BARRIER (PORTABLE)	LF	2020			55
1	530.1			BARRICADES, SIGNS AND TRAFFIC HANDLING	LS	1			56
1	531.03			R1-1 STOP (30")(HIGH DENSITY)	EA	7			57
1	531.06			R2-1 SPEED LIMIT (24"x30")	EA	3			58
1	531.11			R3-5L LEFT ONLY (30"x36") (HIGH INTENSITY)	EA	1			59
1	531.34			S1-1 ADVANCE SCHOOL CROSSING AND SCHOOL CROSSING (36"x36")	EA	6			60
1	531.35			W16-7 DIAGONAL ARROW SIGN (DIAMOND GRADE (FLUORESCENT YELLOW GREEN))(30"x18")	EA	4			61
1	531.57			9 INCH STREET NAME BLOCK NUMBERS (VARIES X 9")	EA	28			62
1	531.62			W16-9P AHEAD (36"x20")(HIGH DENSITY)	EA	1			63
1	531.66			S5-2A END SCHOOL ZONE (24"x9")	EA	2			64
1	531.87			R10-1 CROSS ONLY ON PED SIGNAL (9"x12")(HIGH INTENSITY)	EA	16			65
1	535.01			4 INCH WIDE YELLOW LINE	LF	5207			66
1	535.02			4 INCH WIDE WHITE LINE	LF	1210			67
1	535.04			8 INCH WIDE WHITE LINE	LF	220			68
1	535.07			24 INCH WIDE WHITE LINE	LF	961			69
1	535.09			LEFT WHITE ARROW	EA	6			70
1	535.30			24 INCH WIDE YELLOW LINE	LF	305			71
1	535.32			YELLOW MEDIAN NOSE	EA	5			72
1	537.1			TRAFFIC BUTTON (TYPE W)	EA	936			73
1	537.2			TRAFFIC BUTTON (TYPE Y)	EA	2028			74
1	537.6			PAVEMENT MARKER (TYPE I-C)	EA	129			75
1	537.8			PAVEMENT MARKER (TYPE II A-A)	EA	863			76
1	537.9			PAVEMENT MARKER (TYPE II C-R)	EA	317			77
1	540.06			CONSTRUCTION EXITS (INSTALL/REMOVE)	SY	234			78
1	540.07			CONSTRUCTION PERIMETER FENCE	LF	6440			79
1	540.10			CURB INLET GRAVEL FILTERS	LF	590			80
1	550.1			TRENCH EXCAVATION SAFETY PROTECTION	LF	2984.24			81
1	552.1			REMOVING AND RELOCATING IRRIGATION SYSTEMS	LF	200			82
1	615.1			TRAFFIC SIGNAL CONTROLLER ASSEMBLY (TYPE 332 CABINET)	EA	2			83
1	618.1			CONDUIT (2 INCH/PVC SCHEDULE 40)	LF	2375			84
1	620.1			ELECTRICAL CONDUCTORS (NO. 6) (BARE)	LF	30			85
1	620.2			ELECTRICAL CONDUCTORS (NO. 8) (BARE)	LF	701			86
1	620.3			ELECTRICAL CONDUCTORS (NO. 6) (INSULATED)	LF	60			87
1	624.8			GROUND BOXES TYPE D (162922) W/ APRON	EA	22			88
1	628.1			ELECTRICAL SERVICES	EA	2			89
1	655.1			TYPE 332 CONTROLLER FOUNDATION	EA	2			90
1	680.2			INSTALLATION OF HIGHWAY TRAFFIC SIGNALS (SYSTEM)	EA	2			91
1	681.1			TEMP TRAFFIC SIGNAL (PER INTERSECTION)	EA	2			92
1	682.1			INS VEH SIG SECTION W/BACK PLATE (12 INCH)(3 SECONDS)	EA	16			93

CITY OF SAN ANTONIO  
025 UNIT PRICING FORM

PROJECT NAME: BLANCO ROAD (From Hildebrand to Jackson Keller)  
PROJECT NO.: 04-00004 (ADDITIVE ALTERNATE 1)

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
1	682.2			INS VEH SIG SECTION W/BACK PLATE (12 INCH)(4 SECONDS)	EA	3			94
1	682.4			INSTALL PEDESTRIAN SIGNAL SECTION (12 IN) LED (2 IND)	EA	16			95
1	684.1			TRAFFIC SIGNAL CABLES (TYPE A)(14AWG)(CONDUCTOR NO.4)	LF	993			96
1	684.1			TRAFFIC SIGNAL CABLES (TYPE A)(14AWG)(CONDUCTOR NO.9)	LF	2305			97
1	685.4			SOLAR POWERED (PHOTOVOLTAIC) SCHOOL ZONE FLASHER ASSEMBLY (MAST ARM)	EA	2			98
1	686.3			INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL) (1 ARM 28')	EA	2			99
1	686.31			INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL) (1 ARM 28')(ILSN)	EA	2			100
1	686.41			INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL) (1 ARM 32')(ILSN)	EA	2			101
1	686.51			INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL) (1 ARM 36')(ILSN)	EA	1			102
1	686.61			INSTALL TRAFFIC SIGNAL POLE ASSEMBLIES (STEEL) (1 ARM 40')(ILSN)	EA	3			103
1	687.1			PEDESTAL POLE ASSEMBLY	EA	1			104
1	688.2			PEDESTRIAN DETECTORS (2 INCH PUSH BUTTON)	EA	16			105
1	693.1			INTERNALLY LIGHTED STREET NAME SIGN (LED) (6 FT) (DOUBLE SIDED)	EA	6			106
1	693.2			INTERNALLY LIGHTED STREET NAME SIGN (LED) (8 FT) (DOUBLE SIDED)	EA	2			107
1	694.1			VIVDS PROCESSOR UNIT	EA	16			108
1	694.2			VIVDS CAMERA ASSEMBLY	EA	16			109
1	694.4			VIVDS SET-UP SYSTEM	EA	2			110
1	694.6			VIVDS COMMUNICATION CABLE (COAXIAL)	LF	2120			111
1	695.3			EMERGENCY PREEMPTION DETECTOR	EA	2			112
1	695.4			EMERGENCY PREEMPTION DETECTOR CABLE	LF	1529			113
1	801.2			LEVEL IIA PROTECTIVE FENCING	LF	100			114
1	801.3			LEVEL IIB PROTECTIVE FENCING	LF	34			115
1	802.2			LEVEL II PRUNING	LS	1			116
1	110.2.5			TRANSPORTATION TO DISPOSAL FACILITY (COSA)	CY	2650			117
1	110.2.8			TRANSPORTATION TO DISPOSAL FACILITY (CPS)	CY	80			118
1	110.2.13			LANDFILL DISPOSAL (COSA)	CY	2650			119
1	110.2.16			LANDFILL DISPOSAL (CPS)	CY	80			120
1	110.4.3			REMOVAL, STORAGE AND TREATMENT OF IMPACTED GROUNDWATER	GAL	25000			121
1	110.4.4			DISPOSAL OF IMPACTED GROUNDWATER	GAL	25000			122
1	110.5.2			DEVELOPMENT OF A SITE SPECIFIC HEALTH AND SAFETY PLAN	LS	1			123
1	110.6.3			DEVELOPMENT OF THE WASTE MANAGEMENT PLAN	LS	1			124
1	110.6.4			ENVIRONMENTAL OVERSIGHT IMPLEMENTATION	LS	1			125
1	0662 2001			WK ZN PAV MRK NON-REMOV (W) 4" (BRK)	LF	1210			126
1	0662 2012			WK ZN PAV MRK NON-REMOV (W) 8" (SLD)	LF	220			127
1	0662 2032			WK ZN PAV MRK NON-REMOV (Y) 4" (SLD)	LF	5207			128
1	0662 2079			WK ZN PAV MRK REMOV (W) 24" (SLD)	LF	313			129
1	0662 2113			WORK ZN PAV MRK SHT TERM (TAB) TY W	EA	450			130
1	0662 2114			WORK ZN PAV MRK SHT TERM (TAB) TY Y	EA	1050			131
1				OFF DUTY POLICE OFFICERS FOR TRAFFIC CONTROL	LS	1	\$100,000.00	\$100,000.00	132
Total CoSA Additive Alternate 1 Bid Amount:									

SAWS Sanitary Sewer Additive Alternate 1 Bid

1	100			Mobilization	LS	1			1
1	101			Preparation of Right-of-Way	LS	1			2
1	550			Trench Excavation Safety Protection	LF	140.13			3
1	848			8" PVC Gravity Sanitary Sewer Line (0'-6' Cut) (SRD 26)	LF	23.00			4
1	848			8" PVC Gravity Sanitary Sewer Line (6'-10' Cut) (SRD 26)	LF	87.13			5
1	851			Adjusting Existing Manholes (Watertight Ring and Cover)	EA	2			6
1	852.1			Sanitary Sewer Manhole (0'-6')	EA	2			7

CITY OF SAN ANTONIO  
025 UNIT PRICING FORM

PROJECT NAME: BLANCO ROAD (From Hildebrand to Jackson Keller)  
PROJECT NO.: 04-00004 (ADDITIVE ALTERNATE 1)

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
1	854			Sanitary Sewer Laterals	LF	235			8
1	854A			One-Way Sanitary Sewer Clean-out	EA	10			9
1	858			Concrete Encasement, Cradles, Saddles & Collars	CY	4.8			10
1	860			Vertical Stacks	VF	0.0			11
1	864			Bypass Pumping	LS	1			12
1	866			Post-Construction Sanitary Sewer Main Television Inspection (8"-15" Main)	LF	110.13			13
1	866			Pre-Construction Sanitary Sewer Main Television Inspection (8"-15" Main)	LF	188.13			14
1	110.2.7			TRANSPORTATION TO DISPOSAL FACILITY (SAWS SEWER)	CY	5			15
1	110.2.15			LANDFILL DISPOSAL (SAWS SEWER)	CY	5			16
Total SAWS Sanitary Sewer Additive Alternate 1 Bid Amount:									

SAWS Water Additive Alternate 1 Bid

1	100			Mobilization	LS	1			1
1	101			Preparation of Right-of-Way	LS	1			2
1	550			Trench Excavation Safety Protection	LF	3,639			3
1	818			6" PVC Waterline (Restrained)	LF	30			4
1	818			8" PVC Waterline (Restrained)	LF	910			5
1	818			12" PVC Waterline (Restrained)	LF	2,699			6
1	824			Relay 3/4" Short Service	EA	20			7
1	824			Relay 3/4" Long Service	EA	13			8
1	824			Relay 1" Short Service	EA	1			9
1	824			Relay 1" Long Service	EA	4			10
1	824			Relay 2" Short Service	EA	2			11
1	824			Relay 2" Long Service	EA	1			12
1	824			New 3/4" Unmetered Short Service	EA	2			13
1	824.5			Customer Shut-Off Valve	EA	27			14
1	828			8" Gate Valve	EA	10			15
1	828			12" Gate Valve	EA	9			16
1	833			Existing Meter and New Meter Box Relocation	EA	41			17
1	833			Meter Box	EA	43			18
1	834			Fire Hydrant	EA	7			19
1	836			Pipe Fittings, All Sizes and Types	TON	13.10			20
1	840			6" Water Tie-ins	EA	6			21
1	840			8" Water Tie-ins	EA	4			22
1	840			12" Water Tie-ins	EA	3			23
1	841			Hydrostatic Testing	EA	8			24
1	844			2" Blowoff, Temporary	EA	11			25
1	846			1" Air Release Assemblies	EA	8			26
1	856.2			8" Carrier Pipe for Jacking, Boring, Tunneling	LF	40			27
1	856.3			Casing or Liner 24"	LF	40			28
1	3000.14			Removal, Transp and Disposal of AC Pipe	LS	1			29
1	3000.15			Asbestos Abatement Work Plan	LS	1			30
1	110.2.6			TRANSPORTATION TO DISPOSAL FACILITY (SAWS WATER)	CY	500			31
1	110.2.14			LANDFILL DISPOSAL (SAWS WATER)	CY	500			32
Total SAWS Water Additive Alternate 1 Bid Amount:									

CITY OF SAN ANTONIO  
025 UNIT PRICING FORM

PROJECT NAME: BLANCO ROAD (From Hildebrand to Jackson Keller)  
PROJECT NO.: 04-00004 (ADDITIVE ALTERNATE 1)

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO.	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
CPS Energy Gas Additive Alternate 1 Bid									
NOTE A:	For each of the items below, the Contractor's work is to include: trenching, joining, testing, coating steel, connecting new pipe to existing pipe and all necessary fittings for tie-ins such as, stopper fittings and 3-way stopper tees, sand padding, backfilling and compacting to consistency of original soil, installing all necessary cathodic protection devices such as CPTLB's and anodes, replacing paving, curbs, and sidewalks removed or damaged during construction, and cleanup as may be necessary in each instance.								
NOTE B:	Trenching is considered to be the normal method of service installation and is required on all service adjustments. A gas service can be rerun by INSERTION, when the old service is PULLED from the riser to one foot inside the property line, ONLY at the discretion of the CPS Inspector.								
NOTE C:	Bid quantities shown are estimates by CPS. Per foot prices shall be applied to the actual distance measured along the top of the trench or the actual length of the bore, as applicable.								
NOTE D:	Unit prices shall include insurance costs. CPS' insurance requirements are specified in Exhibit GAS-1.								
1	1			Rerun and Lower Gas Service Off New Main (Main to 1 Ft. Inside Property Line), Sizes 1/2" thru 4" (including replacing riser if necessary).					
				LONG SIDE	1 EA	3			1
1	2			Rerun and Lower Gas Service Off New Main to Meter, Sizes 1/2" thru 4" (including replacing riser if necessary).					
				SHORT SIDE	1 EA	5			2
				LONG SIDE	1 EA	5			3
1	3			Install Gas Main or Casing (Distance As Measured Along the Top of Trench)					
				2" PLASTIC PIPE AND TRACER WIRE	1 FT	1187			4
The COST to abandon the existing main(s) is not an ADDITIONAL item and is to be included in the Unit Price(s) for this item.									
Total CPS Energy Gas Additive Alternate 1 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: \_\_\_\_\_

Segment 3 - Base Bid																											
Drainage Summary																											
Item No	Sheet No.	Excavation, Trenching and Backfilling*	Precast Box Culvert														Reinforced Concrete Pipe Class III										
			106.1	202.1	203.1	205.2	205.2	205.2	205.4	205.4	509.1	510.1	505.1	554.1	410.2	413.1	550.1	309.1	309.1	309.1	309.1	403.1	403.1	403.1	403.1	403.1	403.1
		Box Culvert Excavation & Backfill	Prime Coat	Tack Coat	HMAC, Ty B (4" Compacted Depth)	HMAC, Ty B (6" Compacted Depth)	HMAC, Ty B (7.5" Compacted Depth)	HMAC, Ty D (1.5" Compacted Depth)	HMAC, Ty D (2.5" Compacted Depth)	Metal Beam Guard Rail (Steel Post)	Timber Guard Posts	Concrete Riprap (5" Thick)	Erosion Control Matting	Gravel Subgrade Filler	Flowable Backfill	Trench Excavation Safety Protection	3' x 3'	4' x 3'	5' x 3'	6' x 5'	24"	30"	36"	42"	48"	60"	
		CY	GAL	GAL	SY	SY	SY	SY	SY	LF	EA	SY	SY	CY	CY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	
198		287.4	0	0	0	0	0	0	0	0	0	0	0	18.0	18.2	220.45	0.00	0.00	0.00	0.00	220.45	0.00	0.00	0.00	0.00	0.00	
199		302.2	0	0	0	0	0	0	0	0	0	0	0	25.9	28.3	298.70	0.00	0.00	0.00	0.00	220.78	77.92	0.00	0.00	0.00	0.00	
200		536.2	0	0	0	0	0	0	0	0	0	0	0	38.8	47.1	399.58	0.00	0.00	0.00	0.00	91.55	308.03	0.00	0.00	0.00	0.00	
201		637.0	0	0	0	0	0	0	0	0	0	0	0	43.7	68.1	427.89	0.00	0.00	0.00	0.00	123.89	34.08	225.15	44.77	0.00	0.00	
202		1449.2	0	0	0	0	0	0	0	0	0	0	0	64.4	215.2	433.31	0.00	0.00	0.00	0.00	33.61	19.66	16.52	114.42	249.10	0.00	
203		1791.5	0	0	0	0	0	0	0	0	0	0	0	68.1	265.2	370.84	0.00	0.00	0.00	0.00	60.84	0.00	0.00	0.00	0.00	310.00	
204		1529.4	557	0	0	0	0	0	0	0	0	0	0	76.3	220.6	415.94	0.00	0.00	0.00	89.85	39.16	0.00	0.00	75.28	0.00	211.65	
205		29.0	2068	0	0	0	0	0	0	0	0	0	0	76.3	4.1	408.80	61.29	0.00	0.00	310.00	16.18	0.00	21.33	0.00	0.00	0.00	
206		112.4	1875	0	0	0	0	0	0	0	0	0	0	70.5	5.9	377.14	0.00	0.00	0.00	315.00	45.96	16.18	0.00	0.00	0.00	0.00	
207		41.0	1676	0	19	0	0	175	0	191	0	0	63.3	77.4	2.6	393.85	0.00	0.00	0.00	362.01	31.84	0.00	0.00	0.00	0.00	0.00	
208		152.0	0	0	0	0	0	0	0	0	0	0	0	16.6	19.0	183.27	0.00	0.00	0.00	0.00	99.44	83.83	0.00	0.00	0.00	0.00	
209		30.9	607	0	0	0	0	0	0	0	0	0	0	31.6	4.1	210.31	0.00	171.10	0.00	0.00	21.05	0.00	18.16	0.00	0.00	0.00	
Total for Base Bid		6898.2	6783	0	19	0	0	175	0	191	0	0	63.3	0	607.6	898.4	4140.08	61.29	171.10	0.00	1076.86	1004.75	539.70	281.16	234.47	249.10	521.65

\*For Contractor's Information Only

Segment 3 - Base Bid															
Junction Box and Inlet Summary															
Item No.	Junction Boxes					Curb Inlets			Traffic Inlets						
	403.3	403.3	403.4	403.5	403.27	403.7	403.9	403.11	403.15	403.21	403.22	403.23	403.24	403.25	403.26
Sheet No.	4'x4'x4'	6'x6'x6'	7'x7'x7'	8'x8'x8'	Manhole Vertical Stack	Ty I 10'	Ty III 20'	Ty V 30'	Ty W-5	Ty X-1	Ty X-2	Ty X-3	Ty X-4	Ty X-5	Ty X-6
	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.
198	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0
199	2	0	0	0	0	0	0	2	0	0	0	0	0	0	0
200	3	0	0	0	0	0	1	1	0	0	0	0	2	0	0
201	1	2	0	0	0	0	2	1	0	0	0	1	1	0	0
202	0	1	1	0	0	0	2	1	0	0	0	0	0	1	0
203	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0
204	0	1	0	1	2	1	1	0	0	0	0	0	2	0	0
205	0	0	0	0	2	0	1	0	1	0	0	0	0	0	1
206	0	0	0	0	4	3	0	0	0	0	0	0	0	0	0
207	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0
208	2	0	0	0	0	2	0	0	0	0	0	0	0	0	1
209	0	2	0	0	0	0	0	1	0	0	1	0	0	0	2
Total for Base Bid	9	6	3	1	9	8	7	6	1	2	2	1	5	2	4

**MAESTAS & ASSOCIATES, INC.**  
 11550 IH 10 WEST, STE. 320 SAN ANTONIO, TX 78230  
 (210) 366-1988 (210) 366-1980 Fax TBPE No.: F-333

**CITY OF SAN ANTONIO**  
**CAPITAL IMPROVEMENTS**  
**MANAGEMENT SERVICES**  
**DEPARTMENT**

BLANCO ROAD SEG 3 BASE BID

**DRAINAGE SUMMARY**  
 ADDENDUM NO. 2

SHEET 1 OF 1

SUBMITTAL	PROJECT NUMBER	DATE
100% PS&E		2/2/2012
DRWN BY:	DSGN BY:	CHKD BY:
KG & CG	MJM & GP	ETM & JPS
		SHEET NO:
		23



FOR LOCATION OF UNDERGROUND ELECTRIC AND GAS FACILITIES, TELEPHONE CABLES, AND TIME WARNER CABLE TV CALL TEXAS STATE WIDE ONE CALL LOCATOR NUMBER 1-800-545-6005 48 HOURS PRIOR BEFORE BEGINNING ANY EXCAVATION.

DUE TO FEDERAL REGULATION TITLE 49, PART 192.181, C.P.S. MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.

THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING C.P.S. OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES IF ADJACENT TO WORK AREAS.

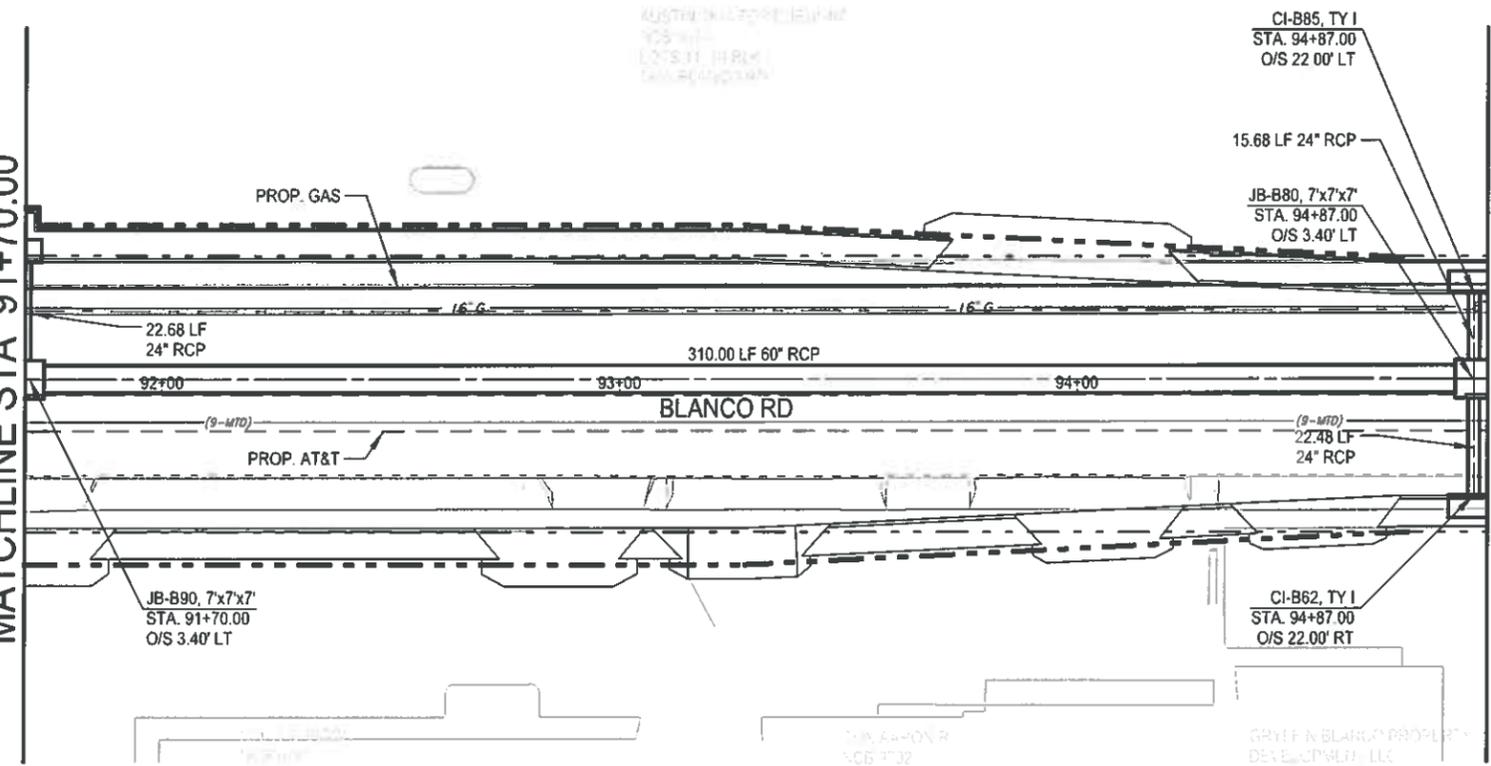
THE CONTRACTOR WILL HAVE RESPONSIBILITY TO PROTECT AND SUPPORT CABLE TV AND TELEPHONE COMPANY PLANT DURING CONSTRUCTION.

THE EXISTENCE AND LOCATION OF UTILITIES INDICATED ON THE PLAN ARE TAKEN FROM AVAILABLE RECORDS AND ARE NOT GUARANTEED TO BE ACCURATE.

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) IN ORDER TO DEVELOP THE CONTRACTOR'S PLANS TO IMPLEMENT THE PROJECT DESCRIBED IN THE CONTRACT COUMDNTS. THE CONTRACTOR'S PLANS SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY SYSTEMS THAT COMPLY WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. CONTRACTOR AND/OR CONTRACOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION

MATCHLINE STA 91+70.00

MATCHLINE STA 94+90.00



**PLAN VIEW LEGEND**

- CI = CURB INLET
- JB = JUNCTION BOX
- MH = MANHOLE
- TI = TRAFFIC INLET
- PROPOSED STRUCTURE
- PROPOSED CURB
- - - EXIST EDGE OF ROADWAY
- - - EXISTING FEATURES
- - - EXISTING RIGHT OF WAY
- - - PROPOSED RIGHT OF WAY
- LG TL — UNDGR TELEPHONE
- X GP — GAS LINE
- X SS — SANITARY SEWER LINE
- X WTR — WATER LINE
- LG FO — UNDGR FIBER OPTIC
- X - X - X - FENCE

**SCALE**  
 HORZ: 1" = 40'  
 VERT: 1" = 10'

FINAL	EST	UNIT	DESCRIPTION
	1791.5	CY	Excavation, Trenching and Backfilling*
	60.84	LF	Reinforced Concrete Pipe (24") Class III
	0.00	LF	Reinforced Concrete Pipe (36") Class III
	310.00	LF	Reinforced Concrete Pipe (60") Class III
	2	EA	Junction Box 7'x7'x7'
	2	EA	Inlet (TYI)
	68.1	CY	Gravel Subgrade Filler
	265.2	CY	Flowable Backfill
	370.84	LF	Trench Excavation Safety Protection

**SYSTEM B**

PROPOSED WATER, SANITARY SEWER, TELEPHONE, AND GAS UTILITIES SHOWN ARE APPROXIMATE. SEE RELEVANT PLANS FOR DETAILS.

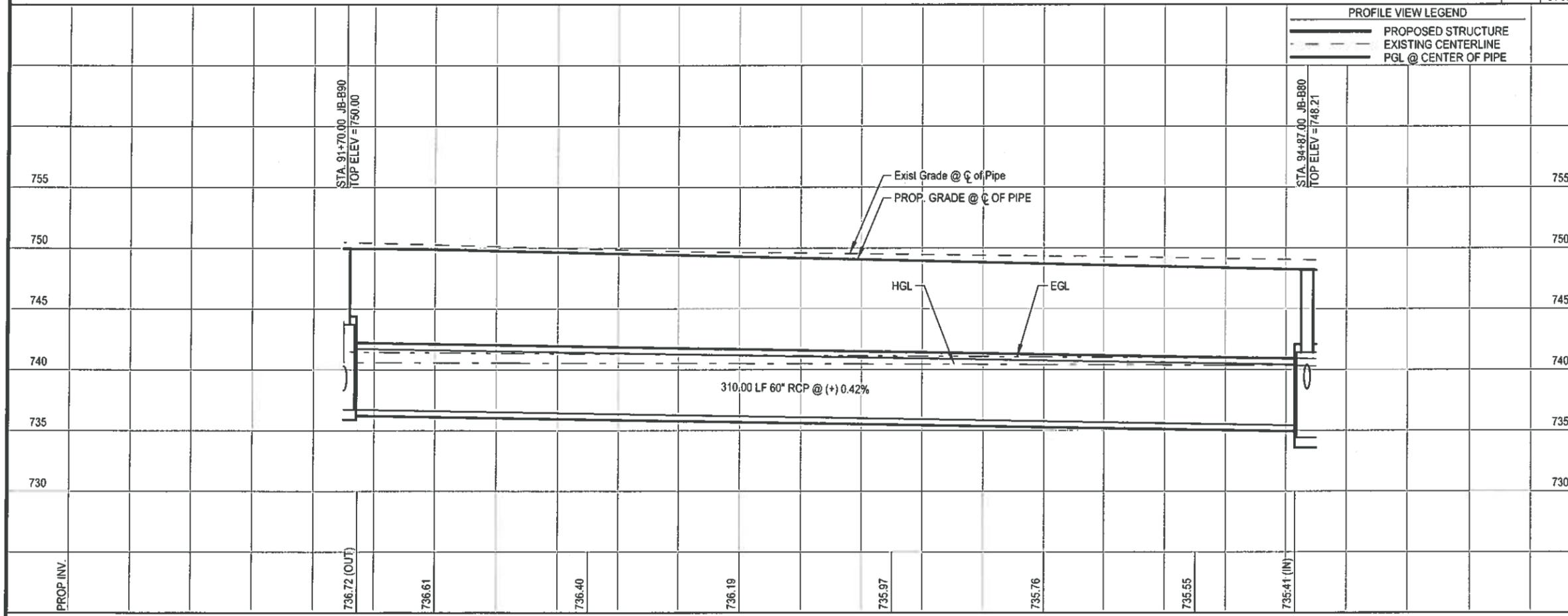
**PROFILE VIEW LEGEND**

- PROPOSED STRUCTURE
- - - EXISTING CENTERLINE
- - - PGL @ CENTER OF PIPE

\*NOT PAID FOR DIRECTLY, SUBSIDIARY TO VARIOUS BID ITEMS

20 10 0 20 40 60

1" = 40'



STATE OF TEXAS

ERNEST T. MAESTAS

52938

REGISTERED PROFESSIONAL ENGINEER

2/2/2012

**MAESTAS & ASSOCIATES, INC.**

11556 IN 10 WEST, STE. 320 SAN ANTONIO, TX 78230  
 (210) 366-1988 (210) 366-1980 fax TPBE No. F-333

**CITY OF SAN ANTONIO**  
**CAPITAL IMPROVEMENTS**  
**MANAGEMENT SERVICES**  
**DEPARTMENT**

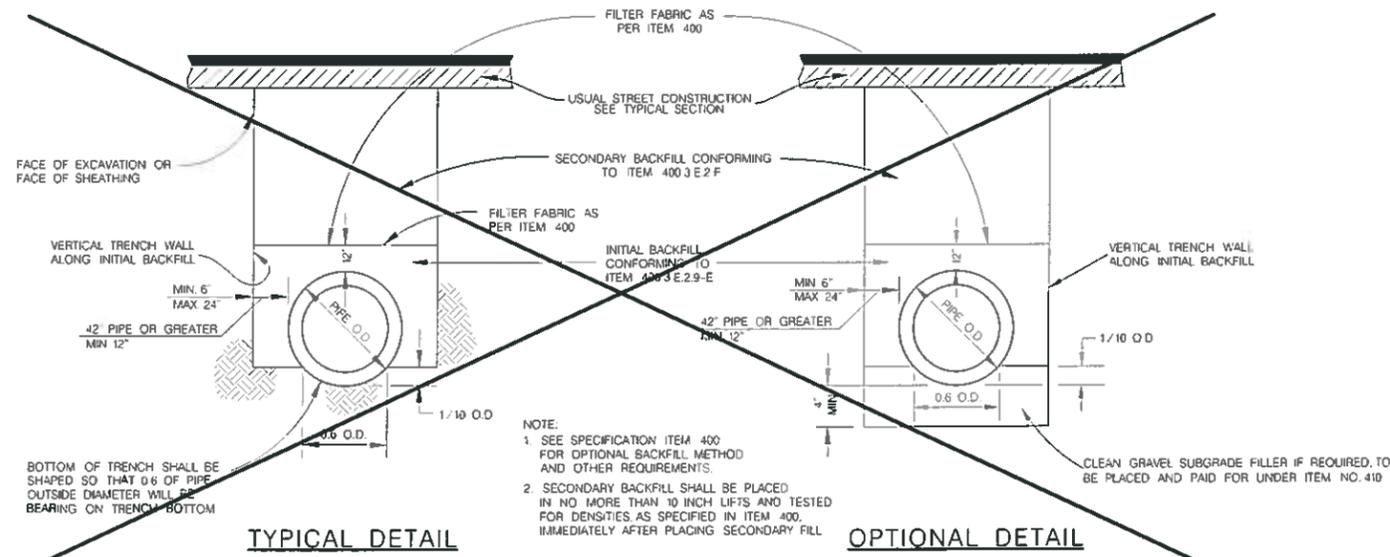
**BLANCO ROAD SEG 3 BASE BID**  
**DRAINAGE**  
**PLAN AND PROFILE**  
**STORM SYSTEM "B"**  
**ADDENDUM NO. 2**

SHEET 6 OF 12

SUBMITTAL	PROJECT NUMBER	DATE
100% PS&E		2/2/2012

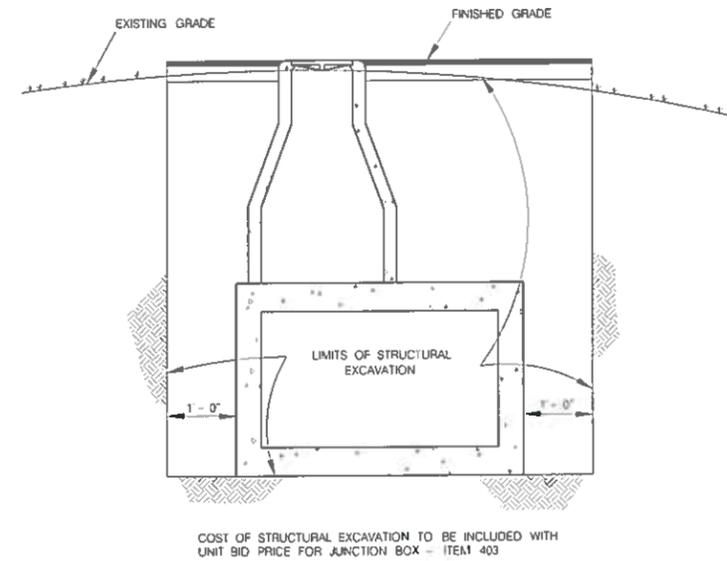
DRWN BY:	DSGN BY:	CHKD BY:	SHEET NO.
KG & CG	MJM & GP	ETM & JPS	203





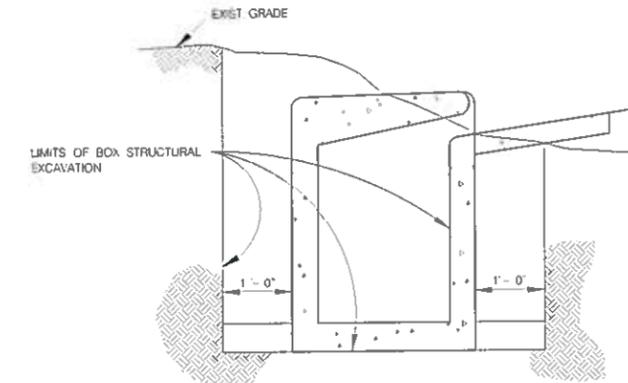
**PIPE BEDDING & BACKFILL DETAILS\***

\*PIPE BEDDING SHALL BE DONE IN ACCORDANCE WITH DETAILS SHOWN ON PAGE 220 DETAILS

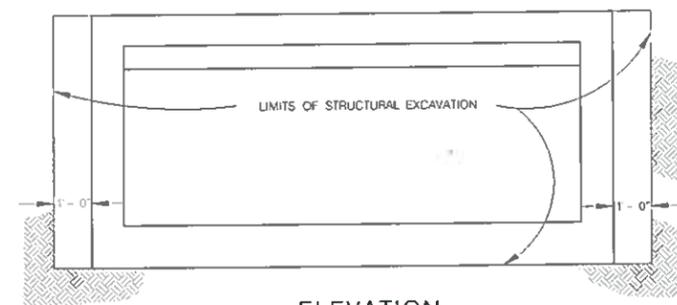


**STRUCTURAL EXCAVATION AT JUNCTION BOXES**

NO SCALE



**SIDE VIEW**

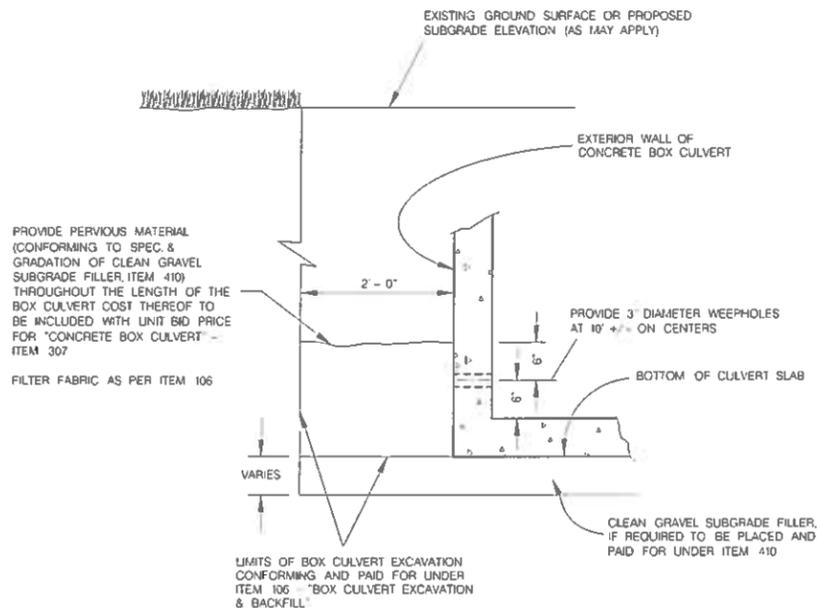


**ELEVATION**

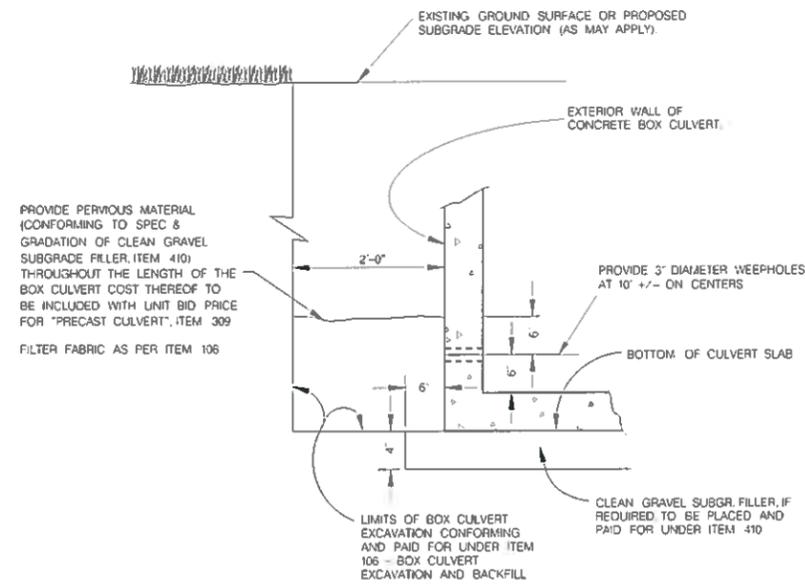
COST OF STRUCTURAL EXCAVATION TO BE INCLUDED WITH UNIT BID PRICE FOR INLETS - ITEM 403

**STRUCTURAL EXCAVATIONS AT DRAINAGE INLETS**

NO SCALE



**CAST-IN-PLACE BOX CULVERT**



**PRECAST BOX CULVERT**

**CONCRETE BOX CULVERT**



MAY 2009

CITY OF SAN ANTONIO CAPITAL IMPROVEMENTS MANAGEMENT SERVICES DEPARTMENT			
PIPE BEDDING & MISCELLANEOUS DRAINAGE DETAILS (MOD) ADDENDUM NO. 2			
DATE	PROJECT NO	DESIGN BY	SUBMITTAL %
DATE	CHKD BY	DESIGN BY	DRAWN BY

# Civic Improvement Project

## (Contract Exhibit GAS-6)

### Base Bid Quantities

#### General Notes

1. All proposed gas mains are to be installed at 5'-0" of cover, unless otherwise indicated on the Location Data Table or as directed by the CPS Inspector or Field Representative. All proposed gas mains and services are to be installed at the elevations indicated on the Location Data Table.
2. All services labeled with an "R" are to be rerun from main to meter and services labeled with a "R1" are to be rerun from main to 1' inside the property line. From main to 1' inside the property line, the services are to be installed at the elevation indicated on the Location Data Table. For services labeled with a "T", the existing service is to be tied over to the new main and services labeled with an "A" are to be abandoned.
3. Gas main is to be abandoned in sections no longer than 300 feet. Each section is to be purged of gas with compressed air, and then the ends are to be sealed with concrete. All abandoned services are to be plugged. All valve boxes on abandoned mains are to be removed.
4. If the general contractor requires temporary tie-ins that are not shown on the CPS Energy sketch due to project phasing or to accommodate this project in any way, this work will be done at the general contractor's expense.
5. The locations of underground utilities indicated on the job sketch are taken from the best records available and are not guaranteed to be accurate. Foreman shall verify location and depth of all existing utilities, whether shown on the plans or not, and shall be responsible for the protection of existing utilities during construction.
6. 48 hours before excavating, notify One - Call at 1-800-545-6005. This number should notify all utilities of locates. For Emergency gas locates only - call 210-353-HELP.
7. All gas facilities will require proper connection for cathodic protection and locating purposes as indicated by CPS. Call Corrosion Control at 353-3237 prior to installing, adjusting, or abandoning gas lines and before connecting or disconnecting wires to any CPTLB.
8. All new polyethylene gas services and mains are to be joined by butt fusion. Compression couplings must not be used on new gas line construction.
9. TRENCH EXCAVATION PROTECTION: Contractor and/or Contractor's independently retained employee or structural design/geotechnical/safety/equipment consultant, if any, shall review these plans and any available geotechnical information and the anticipated installation site(s) in order to develop the Contractor's plans to implement the project described in the Contract Documents. The Contractor's plans shall provide for adequate trench safety systems that comply with, as a minimum, OSHA standards for trench safety consultant shall develop and implement a trench safety program in accordance with OSHA standards governing the presence and activities of individuals working in and around trench excavation.

Construction Points		Install		Abandon	
From	To	Pipe Size	Length	Pipe Size	Length
1	2	2PA	123'	4	120'
2	3	2PA	126'	4	121'
2	4	2PA	142'	2	143'
4	5	2PA	53'	2PA	56'
4	6	2PA	217'	2	221'
6	7	2PA	83'	2	123'
6	8	2PA	216'	2	213'
8	9	2PA	136'	2PA	96'
8	10	2PA	182'	2	182'
10	11	2PA	89'	2	128'
10	12	2PA	180'	2	40'
				4	140'
12	13	2PA	21'	2	63'
12	14	2PA	22'	4	24'
14	15	2PA	79'	2	30'
14	16	2PA	279'	4	276'
16	17	2PA	20'	2P	57'
				2	11'
16	18	2PA	160'	4	142'
18	20	2PA	291'	4	380'
20	20A	2P	21'	2	16'
20	20B	2P	20'	4	17'
18	22	2PA	198'	4	149'
19	21	12SP	257'	16SP	272'
19	23	12SP	192'	16SP	267'
19	38	12SP	1749'	16SP	1758'
24	25	8P	58'	8	67'
25	22	12	22'	16	215'
22	26	12	232'	16	50'
27	28	6PA	368'	8	331'
28	29	2PA	232'	2	268'
28	30	6PA	7'	8	5'
30	31	2PA	70'	2	28'
30	32	6PA	338'	8	340'
32	33	2PA	62'	2	16'
32	34	6PA	148'	8	169'
34	35	2PA	96'	2	54'
34	36	6PA	57'	8	53'
36	37	2PA	24'	2	70'
36	39	6PA	262'	8	258'
				Total 2	1606'
		Total 2P	41'	Total 2P	57'
		Total 2PA	3101'	Total 2PA	152'
		Total 6PA	1180'	Total 4	1369'
		Total 8P	58'	Total 8	1223'
		Total 12	254'	Total 16	265'
		Total 12SP	2198'	Total 16SP	2297'



Begin Add. Alt. Sta. 17 + 34.53      End Add. Alt. Sta. 42 + 30.00      NTS Location Map      Begin Base Bid Sta. 75 + 85.00      End Base Bid Sta. 107 + 77.00

#### Add Alt Quantities

Construction Points		Install		Abandon	
From	To	Pipe Size	Length	Pipe Size	Length
40	41	2PA	125'	2P	126'
41	42	2PA	23'	2	23'
41	43	2PA	337'	2	366'
44	45	2P	47'	2	68'
46	47	2PA	138'	2	121'
47	48	2PA	98'	2	130'
47	49	2PA	116'	2	125'
50	51	2PA	214'	2	355'
52	53	2PA	89'	2	142'
		Total 2P	47'	Total 2	1330'
		Total 2PA	1140'	Total 2P	126'

Legend	
Center Line	—
Existing Property Line	—
Proposed Property Line	—
Easement Line	—
Existing Gas Service	—
Existing Gas Main	—
Install Gas Service	—
Install Gas Main	—
Abandon Gas	—
Cable TV	—
Telephone	—
Sanitary Sewer	—
Proposed Drainage	—
Existing Drainage	—
Electric	—
Water	—

**NOTE:**  
The 16" Supply Line can not be shut down if the temperature is expected to drop below 55 degrees.

Contact Kyle Marg (210-353-5355) two weeks prior and Tom Linerode (210-353-3431) at least 3 business days prior to planned tie-in to coordinate pressure operation.



The 90 PSIG pressure test applies to all lines with an MAOP of 59 and below.

Pressure Test  
Department of Transportation  
Section 192.507  
Proposed M.A.O.P. 90 P.S.I.G.

Pipe Size: 12"  
Test Type: Nitrogen /Air  
Minimum Test Pressure: 135 P.S.I.G.  
Maximum Test Pressure: 200 P.S.I.G.  
Minimum Test Duration: 1 Hour  
C.P.S. Required Duration: 2 Hours  
Tested By: \_\_\_\_\_  
Date Tested: \_\_\_\_\_

Test Start	Pressure	Ambient Temperature	Pipe Temperature
15 minutes	_____	_____	_____
30 minutes	_____	_____	_____
45 minutes	_____	_____	_____
60 minutes	_____	_____	_____
75 minutes	_____	_____	_____
90 minutes	_____	_____	_____
105 minutes	_____	_____	_____
120 minutes	_____	_____	_____

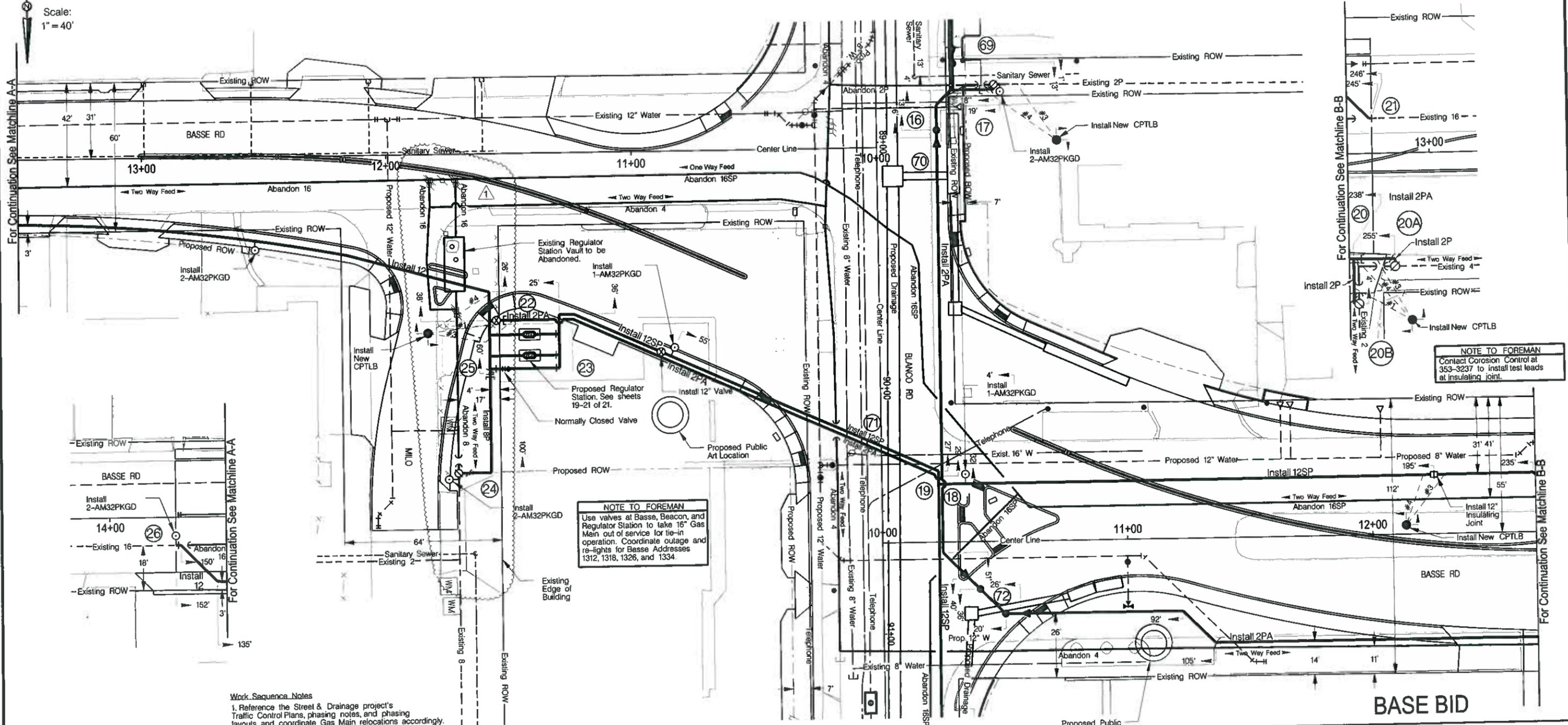
#### Steel Material Specifications

Pipe: 12" O.D. x 0.250" W.T., X-42  
Coating: Fusion Bond Epoxy (F.B.E.)  
Valve: 12" Ball Valve, ANSI 150, WxF  
Flange: 12", ANSI 150, WN  
Fittings: 12" O.D. x STD W.T., X-42

<b>Pressure Test</b> Minimum Test 90 PSIG Tested To _____ PSIG By _____ Date _____	<b>Construction</b> No. 0 Drawing Revision 1 Checked By: _____ Date Approved: _____ Designed By: John T. Mooneyham, P.E. (CEC) Job Title: Blanco Road Job No.: 1507084	Planning Completed REVISE QUANTITIES FOR UPDATED TIE-IN 2-6-12 Approved By: _____ Date Approved: _____ Map Quadrant: 156 - 606 Project No.: G - 0272	<b>CPS ENERGY</b> P.O. BOX 1771 SAN ANTONIO, TX 78296
--	--	--	---

All proposed gas mains and services are to be installed at the planned Gas Top of Pipe Elevation indicated on the Location Data Table.

Scale:  
1" = 40'



For Continuation See Matchline A-A

For Continuation See Matchline B-B

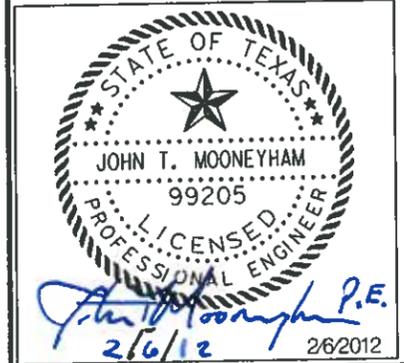
For Continuation See Matchline A-A

For Continuation See Matchline B-B

**NOTE TO FOREMAN**  
Use valves at Basse, Beacon, and Regulator Station to take 15" Gas Main out of service for tie-in operation. Coordinate outage and re-lights for Basse Addresses 1312, 1318, 1326, and 1334

**NOTE TO FOREMAN**  
Contact Corrosion Control at 353-3237 to install test leads at insulating joint.

- Work Sequence Notes**
1. Reference the Street & Drainage project's Traffic Control Plans, phasing notes, and phasing layouts, and coordinate Gas Main relocations accordingly.
  2. Coordinate and verify locations and depths of existing and proposed utilities and all other known improvements. Report any conflicts immediately to CPS or the engineer.
  3. Provide temporary tie-ins as required to complete the gas main relocation work in each work zone, as shown on the Street & Drainage project plans, and to provide continuous gas service for the duration of the project. Refer Sheet 7 for Bid Phasing Notes and temporary tie-in requirements. Contractor shall be responsible for design maintenance and abandonment of temporary tie-ins at no additional costs.



Design Note:  
Cathodic Protection  
Design by CPS-Gas

<table border="1"> <thead> <tr> <th>No.</th> <th>Drawing Revision</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Planning Completed</td> <td></td> </tr> <tr> <td>1</td> <td>REVISE PROPOSED TIE-IN &amp; EXIST GAS LOCATIONS</td> <td>2-6-12</td> </tr> </tbody> </table>		No.	Drawing Revision	Date	0	Planning Completed		1	REVISE PROPOSED TIE-IN & EXIST GAS LOCATIONS	2-6-12	Checked By:  Approved By:	Date Approved:  Date Approved:	Designed By: John T. Mooneyham, P.E. (CEC)	Job Title: Blanco Road	Job No.: 1507084
No.	Drawing Revision	Date													
0	Planning Completed														
1	REVISE PROPOSED TIE-IN & EXIST GAS LOCATIONS	2-6-12													
		Map Quadrant: 156 - 606	Project No.: G - 0272	CPS ENERGY P.O. BOX 1771 SAN ANTONIO, TX 78296											

**CEC**  
 DON DURDEN, INC.  
 d.b.a. CIVIL ENGINEERING CONSULTANTS  
 11550 IH 10 WEST, SUITE 395  
 SAN ANTONIO, TEXAS 78230-1037  
 TEL: (210) 641-9999  
 FAX: (210) 641-6440  
 REGISTRATION #F-2214

Funding Phase 1 - Alt. 1 Bid												
Drainage Summary												
Item No.	Sheet No.							Box Culverts	Reinforced Concrete Pipe Class III			
		106.1	203.1	205.2	410.2	413.1	550.1	309.1	403.1	403.1	403.1	403.1
	Excavation, Trenching and Backfilling*	Box Culvert Excavation & Backfill	Tack Coat	HMAC, Ty B (7.5" Compacted Depth)	Gravel Subgrade Filler	Flowable Backfill	Trench Excavation Safety Protection	6'x4'	24"	42"	48"	54"
	CY	CY	GAL	SY	CY	CY	LF	LF	LF	LF	LF	LF
108	67.6	1069	9	89	41.1	3.1	221.75	184.04	37.71	0.00	0.00	0.00
109	546.7	1370	0	0	73.1	55.7	445.00	244.00	133.00	0.00	0.00	68.00
110	1420.8	0	0	0	55.5	197.8	346.43	0.00	47.43	0.00	40.02	258.98
111	1402.9	0	0	0	66.0	201.8	494.34	0.00	178.34	0.00	316.00	0.00
112	1067.9	0	0	0	52.1	175.6	351.06	0.00	63.04	0.00	288.02	0.00
113	1146.2	0	0	0	54.4	189.0	353.17	0.00	39.17	0.00	314.00	0.00
114	1282.0	0	0	0	57.0	182.9	407.49	0.00	99.01	122.21	186.27	0.00
115	1004.8	0	0	0	52.2	171.8	365.00	0.00	46.50	318.50	0.00	0.00
Total for Alt. 1	7938.9	2439	9	89	451.4	1177.7	2984.24	428.04	644.20	440.71	1144.31	326.98

\*For Contractor's Information Only

Funding Phase 1 - Alt. 1 Bid											
Junction Box and Inlet Summary											
Item No.	Junction Boxes					Curb Inlets			Traffic Inlets		
	403.1	403.3	403.4	403.5	403.27	403.7	403.9	403.11	403.21	403.23	403.25
Sheet No.	4'x4'x4'	6'x6'x6'	7'x7'x7'	8'x8'x8'	Manhole Vertical Stack	Ty I 10'	Ty III 20'	Ty V 30'	Ty X-1	Ty X-3	Ty X-5
	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.
108	0	0	0	0	2	1	0	0	0	0	0
109	0	0	0	1	2	2	1	0	1	2	0
110	0	0	3	0	0	0	3	0	0	0	0
111	1	4	0	0	0	2	2	0	2	0	0
112	0	2	0	0	0	1	2	0	0	0	0
113	0	1	0	0	0	0	1	1	0	0	0
114	0	2	0	0	0	0	1	0	0	1	0
115	0	1	0	0	0	0	2	0	0	1	1
Total for Alt. 1	1	10	3	1	4	6	12	1	3	4	1



**MAESTAS & ASSOCIATES, INC.**  
 11550 IH 10 WEST, STE. 320 SAN ANTONIO, TX 78229  
 (210) 366-1988 (210) 366-1980 Fax: (210) 366-1333

**CITY OF SAN ANTONIO**  
**CAPITAL IMPROVEMENTS**  
**MANAGEMENT SERVICES**  
**DEPARTMENT**

BLANCO ROAD SEG 1 ADD. ALT. 1

**DRAINAGE SUMMARY**  
 ADDENDUM NO. 2

SHEET 1 OF 1

SUBMITTAL	PROJECT NUMBER	DATE
100% PS&E		2/2/2012
DRWN BY:	DESIGN BY:	CHKD BY:
KG & CG	MJM & GP	ETM & JPS

21

FOR LOCATION OF UNDERGROUND ELECTRIC AND GAS FACILITIES, TELEPHONE CABLES, AND TIME WARNER CABLE TV CALL TEXAS STATE WIDE ONE CALL LOCATOR NUMBER 1-800-545-6005 48 HOURS PRIOR BEFORE BEGINNING ANY EXCAVATION.

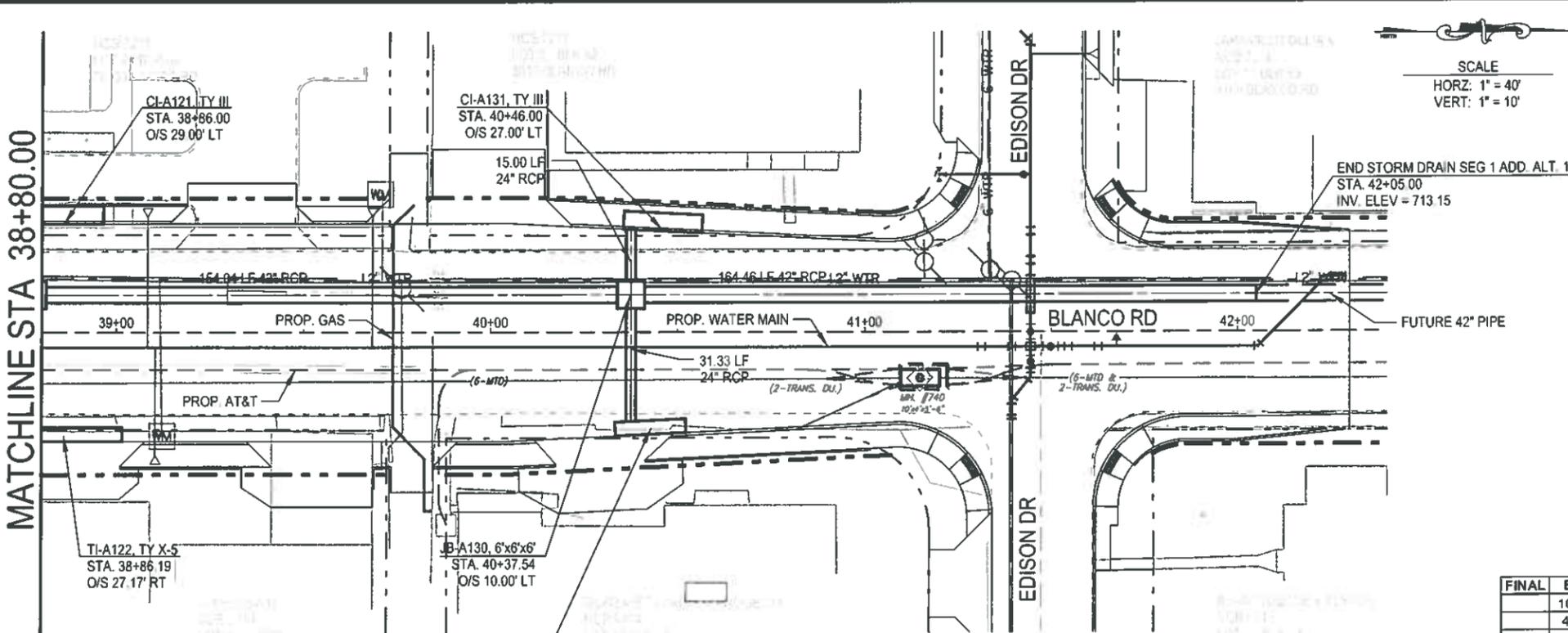
DUE TO FEDERAL REGULATION TITLE 49, PART 192.181, C.P.S. MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.

THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING C.P.S. OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES IF ADJACENT TO WORK AREAS.

THE CONTRACTOR WILL HAVE RESPONSIBILITY TO PROTECT AND SUPPORT CABLE TV AND TELEPHONE COMPANY PLANT DURING CONSTRUCTION.

THE EXISTENCE AND LOCATION OF UTILITIES INDICATED ON THE PLAN ARE TAKEN FROM AVAILABLE RECORDS AND ARE NOT GUARANTEED TO BE ACCURATE.

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) IN ORDER TO DEVELOP THE CONTRACTOR'S PLANS TO IMPLEMENT THE PROJECT DESCRIBED IN THE CONTRACT COUMDNTS. THE CONTRACTOR'S PLANS SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY SYSTEMS THAT COMPLY WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION



**PLAN VIEW LEGEND**

- CI = CURB INLET
- JB = JUNCTION BOX
- MH = MANHOLE
- TI = TRAFFIC INLET
- PROPOSED STRUCTURE
- - - PROPOSED CURB
- - - EXIST EDGE OF ROADWAY
- - - EXISTING FEATURES
- - - EXISTING RIGHT OF WAY
- - - PROPOSED RIGHT OF WAY
- - - UNDGR TELEPHONE
- - - GAS LINE
- - - SANITARY SEWER LINE
- - - WATER LINE
- - - UNDGR FIBER OPTIC
- x - x - FENCE

SCALE  
HORIZ: 1" = 40'  
VERT: 1" = 10'

FINAL	EST	UNIT	DESCRIPTION
	1004.8	CY	Excavation, Trenching and Backfilling*
	46.50	LF	Reinforced Concrete Pipe (24") Class III
	318.50	LF	Reinforced Concrete Pipe (42") Class III
	1	EA	Junction Box 6'x6'x6'
	2	EA	Inlet (TY III)
	1	EA	Ty X-3
	1	EA	Ty X-5
	52.2	CY	Gravel Subgrade Filler
	171.8	CY	Flowable Backfill
	365.00	LF	Trench Excavation Safety Protection

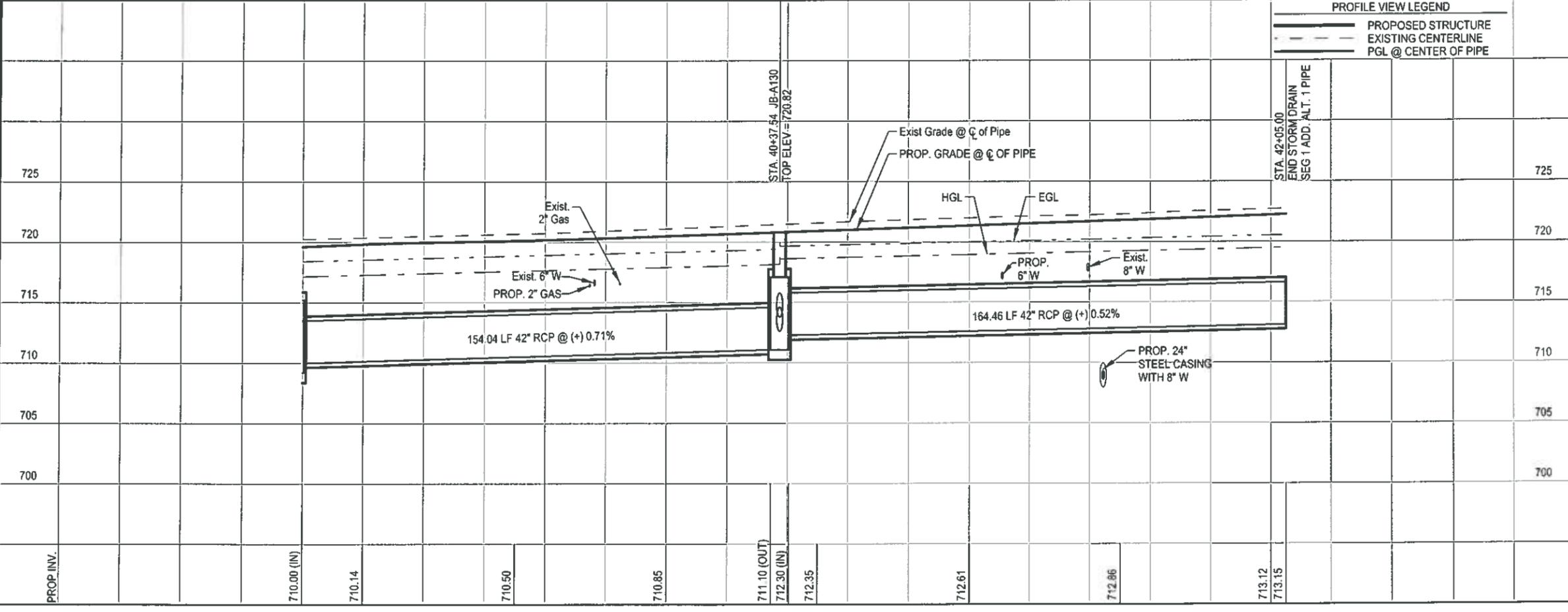
PROPOSED WATER, SANITARY SEWER, TELEPHONE, AND GAS UTILITIES SHOWN ARE APPROXIMATE. SEE RELEVANT PLANS FOR DETAILS.

**SYSTEM A**

**PROFILE VIEW LEGEND**

- PROPOSED STRUCTURE
- - - EXISTING CENTERLINE
- - - PGL @ CENTER OF PIPE

\*NOT PAID FOR DIRECTLY, SUBSIDIARY TO VARIOUS BID ITEMS  
20 10 0 20 40 60  
1" = 40'



**MAESTAS & ASSOCIATES, INC.**  
11550 IH 10 WEST STE. 320 SAN ANTONIO, TX 78230  
(210) 366-1988 (210) 366-1980 fax TBPE No.: P-333

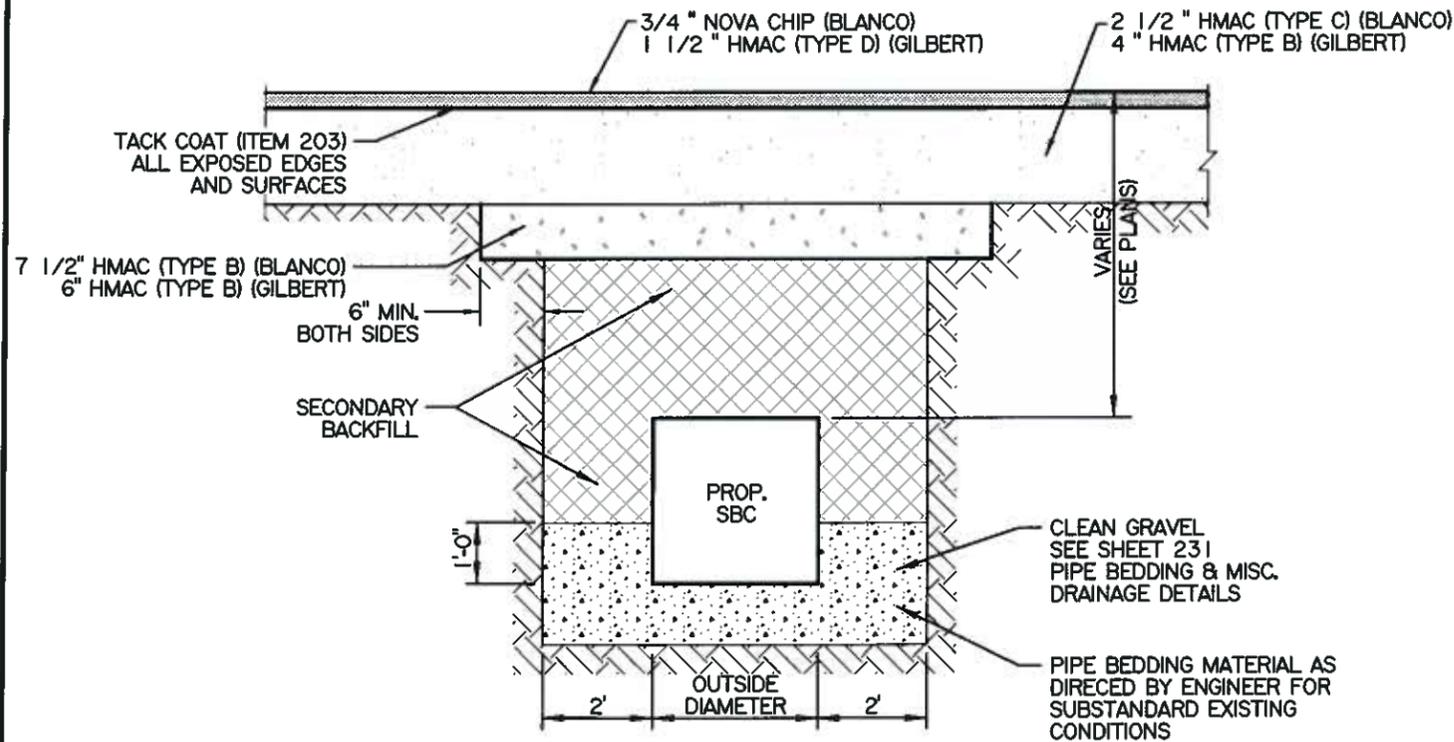
**CITY OF SAN ANTONIO  
CAPITAL IMPROVEMENTS  
MANAGEMENT SERVICES  
DEPARTMENT**

**BLANCO ROAD SEG 1 ADD. ALT. 1  
DRAINAGE  
PLAN AND PROFILE  
STORM SYSTEM "A"  
ADDENDUM NO. 2**

SHEET 8 OF 8

SUBMITTAL	PROJECT NUMBER	DATE
100% PS&E		2/2/2012

DRWN BY	DSGN BY	CHKD BY	SHEET NO.
KG & CG	MJM & GP	ETM & JPS	115



① **PAVEMENT REPAIR TRENCH DETAIL**  
 BLANCO STA 17+65 TO STA 18+30  
 GILBERT LANE  
 SEE SHEET 10 FOR TYPICAL SECTIONS  
 NOT TO SCALE

**PAVEMENT REPAIR TRENCH NOTES:**

1. THE EXISTING PAVING SURFACE SHALL BE SAW CUT IN A STRAIGHT LINE A MINIMUM OF 12" WIDER THAN UNDISTURBED SIDES OF THE TRENCH SYMMETRICAL ABOUT THE CENTER LINE OF THE EXCAVATION.
2. ANY CONCRETE PAVING SHALL BE SAW CUT 6" WIDER THAN UNDISTURBED SIDES OF EXCAVATION.
3. IF EXCAVATION AREA IS OPEN FOR TEMPORARY PUBLIC USE, THE SURFACE SHALL BE MAINTAINED LEVEL WITH ADJACENT RIDING SURFACE WITH COLD MIX AC OR TEMPORARY HMAC.
4. DAMAGED PAVEMENT OUTSIDE THE TRENCH CUT SHALL BE REMOVED AND REPLACED WITH A BASE THICKNESS OF 10" OR A THICKNESS MATCHING EXISTING, WHICHEVER IS GREATER. SEE CITY OF SAN ANTONIO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ITEM 205.
5. FLOWABLE BACKFILL MAY BE SUBSTITUTED IN THESE REPAIRS FOR THE SECONDARY BACKFILL (NO SEPERATE PAY ITEM)



**MAESTAS & ASSOCIATES, INC.**  
 11550 IH 10 WEST, STE. 320 SAN ANTONIO, TX 78230  
 (210) 366-1988 (210) 366-1980 fax TPPE No. F-333

**CITY OF SAN ANTONIO  
 CAPITAL IMPROVEMENTS  
 MANAGEMENT SERVICES  
 DEPARTMENT**

BLANCO ROAD SEG 1 ADD. ALT. 1

**MISCELLANEOUS  
 DRAINAGE DETAILS**  
 ADDENDUM NO. 2

SHEET 1 OF 1		
SUBMITTAL	PROJECT NUMBER	DATE
100% PS&E		2/2/2012
DRWN BY	DSGN BY	CHKD BY
KG & CG	MJM & GP	ETM & JPS
		SHEET NO.
		121

**CITY OF SAN ANTONIO  
DEPARTMENT OF CAPITAL IMPROVEMENTS MANAGEMENT SERVICES  
CONTRACT SERVICES DIVISION**

RECEIPT OF ADDENDUM NUMBER(S) #2 IS HEREBY ACKNOWLEDGED FOR PLANS AND

SPECIFICATIONS FOR CONSTRUCTION OF BLANCO ROAD – HILDEBRAND TO JACKSON-  
KELLER

FOR WHICH BIDS WILL BE OPENED ON 2/28/12

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

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip Code: \_\_\_\_\_

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

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name/Title