



**San Antonio River Improvement  
Historic Mission Reach, Phase IV**

**Solicitation No. B-10-009-RA  
SAWS Sewer Job No. 09-5575  
SAWS Water Job No. 09-5075**

**ADDENDUM NO. 1**

**February 26, 2010**

**To Bidder of Record:**

This addendum, applicable to work referenced above, is an amendment to the bidding documents and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the addendum number and issue date in the space provided in submitted copies of the proposal.

**GENERAL**

**Approved Bidders**

Bids will not be accepted from any company not represented at the mandatory pre-bid meeting held on February 23, 2010 at 10:00 AM. The following list is a record of the represented firms:

**PRE-BID ATTENDANCE LIST:**

The attendance list for the February 23, 2010 Mandatory Pre-Bid Meeting is reproduced below. Based upon their attendance at the Mandatory Pre-Bid Meeting, the following are the only companies from whom bids will be accepted.

<b>Company Name</b>	<b>Phone Number</b>	<b>E-mail</b>	<b>Contact Persons</b>
Bartek Construction Co.	210-648-4780	larry@bartektx.com	Larry Bartek
Cravens Services Inc.	713-253-2103	ben.arnold@cravenspartners.com	Ben Arnold
Huff & Mitchell, Inc.	281-304-9100	jheflin@huffmitchell.com	Ben Cross
Jerdon Enterprises	210-590-1110	randall@jerdonlp.com	Randall Lozano
Cedar Solutions	210-818-2565	cedar_solutions@yahoo.com	Pat Bottelberghe
Pipelayers Inc.	210-684-7400	chesley@pipelayersinc.com	Chesley Swann
Holloman Corp.	210-667-9925	murrayholden@hollomancorp.com	Murray Holden
Laughlin-Thyssen	713-429-6500	ron@laughlint.com	Ron Grier
Lewis Contractors Inc.	512-260-9900	matt@lewiscontractors.com	Heath Tatom



**CLARIFICATIONS**

1. Shoring is pay by the Lump Sum. The amount of shoring shown on the plans are pay limits. No extra payment will be allowed for additional shoring required and installed by the contractor.
2. Bid Item 866 Pre-Construction Sewer Main TV Inspection (30" – 36) is for televising the existing pipes prior to construction.
3. Bid Item 866 Post-Construction Sewer Main TV Inspection (30" – 42) is for televising the proposed pipes after installation and before release for services.
4. The project site will be occupied by other Contractors during the construction of this project. These other Contractors will be working on other projects at the vicinity. The Contractor awarded for this project shall coordinate with all other Contractors regarding delivery, access, parking, and working conditions at the site. No separate pay item.

**TABLE OF CONTENTS**

Replace the Table of Contents in its entirety with the attached Revised Table of Contents.

1. Changed "Statement of Bidder's Qualification" to read "Statement of Bidder's Experience."
2. Changed page number of Statement of Bidder's Experience "BQ-1" to read "BE-1."

**PROPOSAL**

Replace the Bid Proposal in its entirety (Pages P1 through P10) with the attached Revised Bid Proposal; Pages P-1a through P-10a. This change is to renumber bid proposal pages to reflect revised table of contents.

**DRAWINGS**

**Cover Sheet**

Replace this sheet with the attached Cover Sheet. The SAWS Job No. is revised.

**Sheet No. 6 of 33**

Replace this sheet with the attached sheet 6 OF 33. Additional barricades were added to close existing park roads.

**Sheet No. 9 of 33**

Replace this sheet with the attached sheet 9 OF 33. Notes were added to include possible delay of existing pipe removal by others.

**Sheet No. 11 of 33**

Replace this sheet with the attached sheet 11 OF 33. Notes were added to include possible delay of existing pipe removal by others.



This Addendum, including this page, is 17 pages in its entirety.

Each bidder is requested to acknowledge receipt of this Addendum No. 1 by his/her signature affixed hereto and to file same as an attachment to his/her bid.



*Kum Wing Chan* 3-1-10

**Kum Wing Chan, P.E.  
K.M. Ng & Associates, Inc.**

The Undersigned acknowledges receipt of this Addendum No. 1 and the bid submitted herewith is in accordance with the information and stipulation set forth.

\_\_\_\_\_  
**Date**

\_\_\_\_\_  
**Signature of Bidder**

**END OF ADDENDUM**

CONTRACT DOCUMENTS

TABLE OF CONTENTS

<b>BIDDING AND CONTRACT REQUIREMENTS</b>	<b>PAGE</b>
Invitation to Bidders .....	IV-1
Instructions to Bidders .....	IB-1
Workers' Compensation Coverage Requirements.....	WC 1
Proposal.....	P-1a
Statement of Bidder's Experience.....	BE-1
Contract Agreement.....	CA-1
Performance Bond .....	PB-1
Payment Bond .....	PB-2
General Conditions of the Contract.....	GC-1
Workers' Compensation Exhibit "A" .....	WA 1
Contractor Suspension Policy Exhibit "B" .....	SP 1
Contractor Security Procedures Exhibit "C" .....	SP 1
Special Conditions .....	SC-1
Technical Specifications .....	TS-1
Supplementary Specifications.....	SS-1
Special Provisions.....	SP-1

(Separate Documents)

2008 SAWS SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION (Revised June 2009)

STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (June 2008), INCLUDING SPECIAL PROVISION (May 2009)

**BID PROPOSAL**

PROPOSAL OF \_\_\_\_\_, a corporation,  
 a partnership consisting of \_\_\_\_\_  
 an individual doing business as \_\_\_\_\_

**TO THE SAN ANTONIO WATER SYSTEM:**

**Pursuant to Instructions and Invitations to Bidders, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the execution of the San Antonio River Improvement Historic Mission Reach, Phase IV Project for the San Antonio Water System, Sewer Job No. 09-5575, in accordance with the Plans and Specifications for the following prices to wit:**

**SEWER WORKS BASE BID UNIT PRICES FOR:**

Item No.	Item Description (Unit Price to be Written in Words)	Unit	Qty	Unit Price (in Figures)	Total Price (in Figures)
103	REMOVE, STORE AND REINSTALL EXISTING RETAINING WALL  _____ Dollars and _____ Cents	L.S.	1	\$ X X X X X	\$ _____
107.1	EMBANKMENT (FINAL)(DENS CONT)(TY B)  _____ Dollars and _____ Cents	C.Y.	50	\$ _____	\$ _____
203.1	TACK COAT  _____ Dollars and _____ Cents	GAL.	696	\$ _____	\$ _____

Item No.	Item Description (Unit Price to be Written in Words)	Unit	Qty	Unit Price (in Figures)	Total Price (in Figures)
205	HOT MIX ASPHALTIC CONCRETE PAVEMENT (1.5" COMPACTED DEPTH)				
	_____ Dollars	S.Y.	7,090	\$ _____	\$ _____
	and _____ Cents				
208.1	SALVAGING, HAULING & STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT				
	_____ Dollars	S.Y.	6,956	\$ _____	\$ _____
	and _____ Cents				
509.1	REMOVE AND REINSTALL BOLLARDS AT ASHLEY ROAD				
	_____ Dollars	L.S.	1	\$ X X X X X	\$ _____
	and _____ Cents				
511.3	CUTTING AND REPLACING PAVEMENTS (TRENCH REPAIR)				
	_____ Dollars	S.Y.	134	\$ _____	\$ _____
	and _____ Cents				
515	TOP SOIL				
	_____ Dollars	C.Y.	1,934	\$ _____	\$ _____
	and _____ Cents				
520	HYDROMULCHING (RESIDENTIAL OR COMMERCIAL)				
	_____ Dollars	S.Y.	12,257	\$ _____	\$ _____
	and _____ Cents				

Item No.	Item Description (Unit Price to be Written in Words)	Unit	Qty	Unit Price (in Figures)	Total Price (in Figures)
530	BARRICADES, SIGNS & TRAFFIC HANDLING  _____ Dollars and _____ Cents	L.S.	1	\$ X X X X X	\$ _____
540.1	ROCK FILTER DAMS (INSTALL/REMOVE) (TYPE 1)  _____ Dollars and _____ Cents	L.F.	100	\$ _____	\$ _____
540.6	CONSTRUCTION EXITS (INSTALL/REMOVE)  _____ Dollars and _____ Cents	S.Y.	205	\$ _____	\$ _____
540.8	SANDBAGS FOR EROSION CONTROL FENCE (6")  _____ Dollars and _____ Cents	L.F.	200	\$ _____	\$ _____
540.9	TEMPORARY SEDIMENT CONTROL FENCE  _____ Dollars and _____ Cents	L.F.	3,900	\$ _____	\$ _____
550.1	TRENCH EXCAVATION SAFETY PROTECTION  _____ Dollars and _____ Cents	L.F.	670	\$ _____	\$ _____

Item No.	Item Description (Unit Price to be Written in Words)	Unit	Qty	Unit Price (in Figures)	Total Price (in Figures)
551.1	TEMPORARY SPECIAL SHORING				
	_____ Dollars				
	and _____ Cents	L.S.	1	\$ X X X X X	\$ _____
848	20" AIR BYPASS PIPE (20" DIPS DR 26 HDPE BY OPEN CUT)				
	_____ Dollars	L.F.	408	\$ _____	\$ _____
	and _____ Cents				
848	30" DIA. SIPHON PIPE (30" DIPS DR 21 HDPE BY OPEN CUT)				
	_____ Dollars	L.F.	774	\$ _____	\$ _____
	and _____ Cents				
848	36" DIA. SEWER MAIN (36" DIPS DR 26 HDPE BY OPEN CUT)				
	_____ Dollars	L.F.	219	\$ _____	\$ _____
	and _____ Cents				
848	42" DIA. SEWER MAIN (42" DIPS DR 26 HDPE BY OPEN CUT)				
	_____ Dollars	L.F.	40	\$ _____	\$ _____
	and _____ Cents				
850	SANITARY SEWER MANHOLE STRUCTURE NO. A				
	_____ Dollars	EA.	1	\$ _____	\$ _____
	and _____ Cents				



Item No.	Item Description (Unit Price to be Written in Words)	Unit	Qty	Unit Price (in Figures)	Total Price (in Figures)
850	SANITARY SEWER MANHOLE STRUCTURE NO. C  _____ Dollars and _____ Cents	EA.	1	\$ _____	\$ _____
850	SANITARY SEWER SIPHON STRUCTURE NO.B1  _____ Dollars and _____ Cents	EA.	1	\$ _____	\$ _____
850	SANITARY SEWER SIPHON STRUCTURE NO.B2  _____ Dollars and _____ Cents	EA.	1	\$ _____	\$ _____
856.1	JACKING, BORING OR TUNNELING 78" DIA.  _____ Dollars and _____ Cents	L.F.	143	\$ _____	\$ _____
856.2	20" AIR BYPASS CARRIER PIPE(22" DIPS DR 26 HDPE BY JACK & BORE)  _____ Dollars and _____ Cents	L.F.	143	\$ _____	\$ _____
856.2	30" DIA. SIPHON CARRIER PIPE (30" DIPS DR 21 HDPE BY JACK & BORE)  _____ Dollars and _____ Cents	L.F.	286	\$ _____	\$ _____

Item No.	Item Description (Unit Price to be Written in Words)	Unit	Qty	Unit Price (in Figures)	Total Price (in Figures)
856.2	20" AIR BYPASS CARRIER PIPE(22" DIPS DR 26 HDPE BY OPEN CUT)  _____ Dollars and _____ Cents	L.F.	40	\$ _____	\$ _____
856.2	30" DIA. SIPHON CARRIER PIPE (30" DIPS DR 21 HDPE BY OPEN CUT)  _____ Dollars and _____ Cents	L.F.	80	\$ _____	\$ _____
856.3	CASING OR LINER 78" DIA. (BY JACKING & BORING)  _____ Dollars and _____ Cents	L.F.	143	\$ _____	\$ _____
856.3	CASING OR LINER 78" DIA. (BY OPEN CUT)  _____ Dollars and _____ Cents	L.F.	40	\$ _____	\$ _____
862	ABANDONMENT OF SANITARY SEWER MAIN & MANHOLES  _____ Dollars and _____ Cents	L.F.	1,002	\$ _____	\$ _____
864.1	BYPASS PUMPING (SET UP AND REMOVE)  _____ Dollars and _____ Cents	L.S.	1	\$ X X X X X	\$ _____

Item No.	Item Description (Unit Price to be Written in Words)	Unit	Qty	Unit Price (in Figures)	Total Price (in Figures)
864.2	BYPASS PUMPING (OPERATION)  _____ Dollars and _____ Cents	MON.	3	\$ _____	\$ _____
866	PRE-CONSTRUCTION SEWER MAIN TELEVISION INSPECTION (30" - 36")  _____ Dollars and _____ Cents	L.F.	486	\$ _____	\$ _____
866	POST CONSTRUCTION SEWER MAIN TELEVISION INSPECTION (30"-42")  _____ Dollars and _____ Cents	L.F.	1,914	\$ _____	\$ _____
910.2	MANHOLE REHABILITATE - NON STRUCTURAL/HIGH SULFATE COATING  _____ Dollars and _____ Cents	VF	77	\$ _____	\$ _____
1001	TEMPORARY TREE PROTECTION  _____ Dollars and _____ Cents	L.S.	1	\$ X X X X X X	\$ _____
2003.1	ODOR CONTROL SET-UP AND REMOVAL  _____ Dollars and _____ Cents	L.S.	1	\$ X X X X X X	\$ _____

Item No.	Item Description (Unit Price to be Written in Words)	Unit	Qty	Unit Price (in Figures)	Total Price (in Figures)
2003.2	ODOR CONTROL EQUIPMENT RENTAL				
	_____ Dollars				
	and _____ Cents	L.S.	1	\$ X X X X X	\$ _____
2003.3	ODOR CONTROL BIOCHEMICAL SOLUTION				
	_____ Dollars				
	and _____ Cents	L.S.	1	\$ X X X X X	\$ _____
<b>A. BASE BID SUBTOTAL FOR SEWER WORKS</b>					<b>\$ _____</b>

Item No.	Item Description (Unit Price to be Written in Words)	Unit	Qty	Unit Price (in Figures)	Total Price (in Figures)
100	MOBILIZATION				
	_____ Dollars				
	and _____ Cents	L.S.	1	\$ X X X X X	\$ _____
101	PREPARING RIGHT-OF-WAY				
	_____ Dollars				
	and _____ Cents	L.S.	1	\$ X X X X X	\$ _____

Mobilization lump sum bid shall be limited to a maximum ten percent (10%) of the subtotal base bid amount. Preparing Right-of-Way lump sum bid shall be limited to a maximum of five percent (5%) of the subtotal base bid amount. The combined total bids for Item 100, Mobilization and Item 101, Preparing Right-of-Way shall not exceed fifteen percent (15%) of the subtotal base bid amount. The subtotal base bid is the amount in line item A. and is defined as all bid items excluding Item 100, Mobilization and Item 101, Preparing Right-of-Way.

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**B. TOTAL BID AMOUNT** (Base Bid, Mobilization & Preparing Right of Way) **\$** \_\_\_\_\_

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**BIDDER'S SIGNATURE AND TITLE**

---

**FIRM'S NAME (TYPE OR PRINT)**

---

**FIRM'S ADDRESS**

---

**FIRM'S PHONE NO./FAX NO.**

The Contractor herein acknowledges Addendum Nos. \_\_\_\_\_

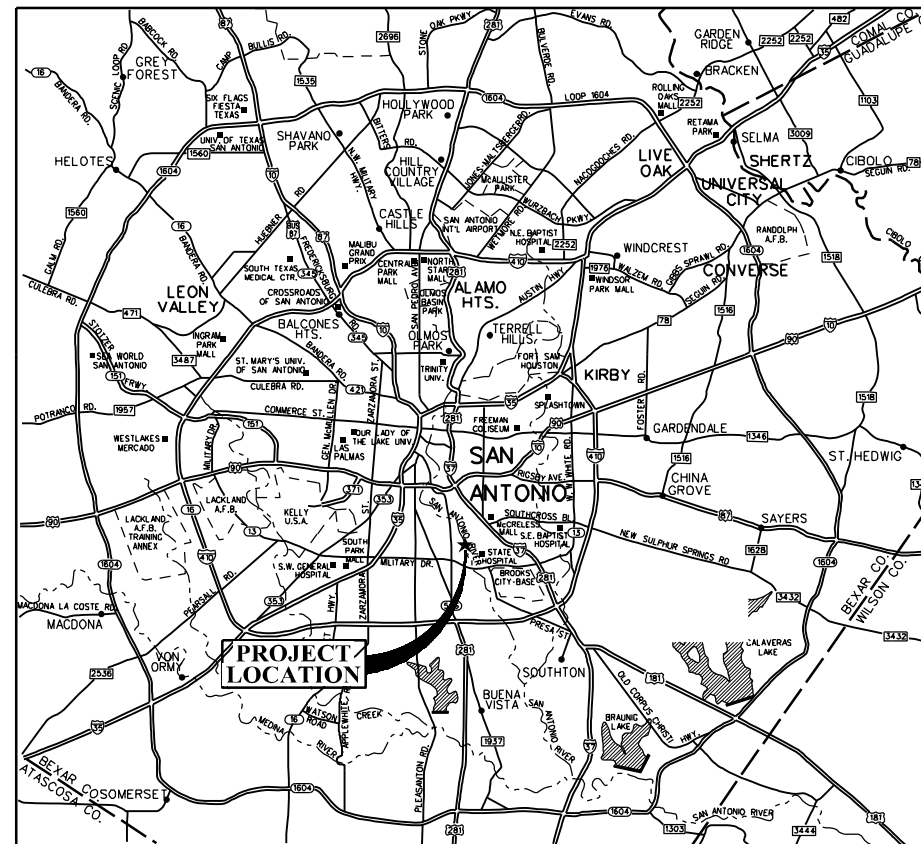
OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE BID.

1. Bidder must return **Pages P-1 through P-10, P-2b, Good Faith Effort Plan, Conflict of Interest Questionnaire Note, Conflict of Interest Questionnaire, and Statement of Bidder's Experience.** Any and all Addenda which are issued by the San Antonio Water System with appropriate signatures which acknowledge receipt shall be attached to and made part of this bid.
2. The bidder offers to construct the Project in accordance with the Contract Documents for the contract price and to complete the Project within **120** calendar days after the start date, as set forth in the Authorization to Proceed. **The bidder understands and accepts the provisions of the Contract Documents relating to liquidated damages of the project if not completed on time.** Complete the additional requirements of the Proposal which are included on the following pages.

# SAN ANTONIO WATER SYSTEM

**SAWS WATER JOB NO: 09-5075**  
**SAWS SEWER JOB NO: 09-5575**

## SAN ANTONIO RIVER IMPROVEMENT HISTORIC MISSION REACH, PHASE IV

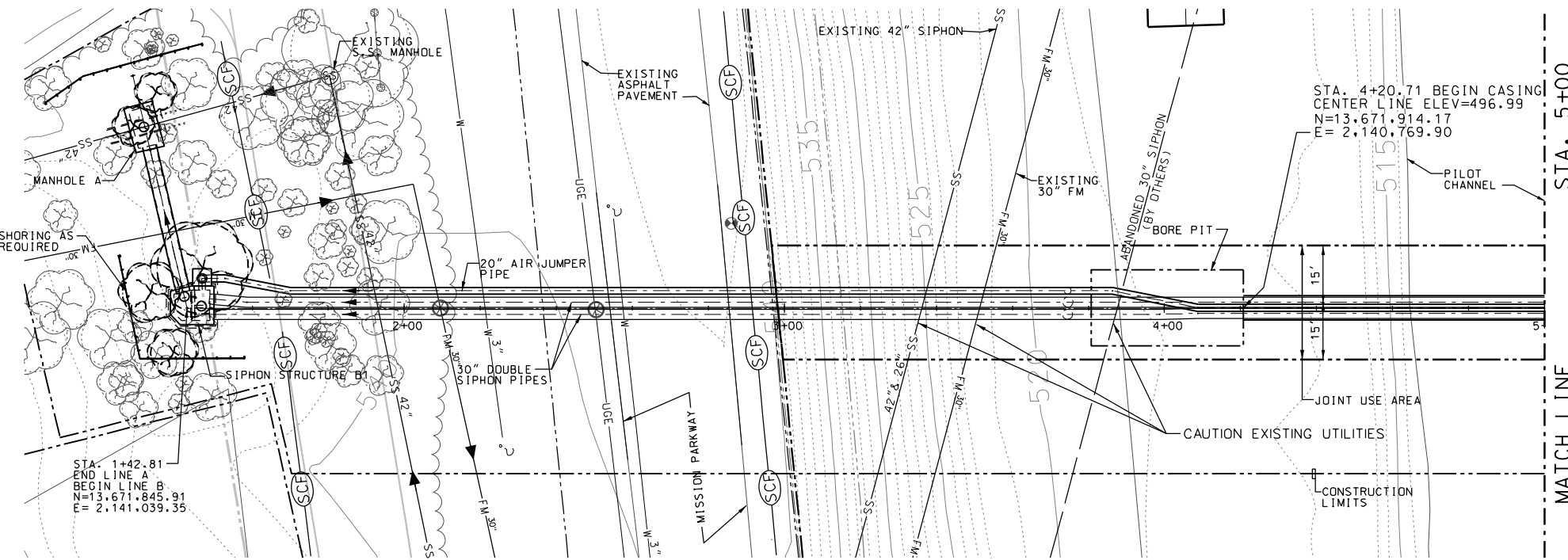


CITY OF SAN ANTONIO, TEXAS VICINITY MAP  
NO SCALE



The seal appearing on this document was authorized by KUM WING CHAN  
P.E. 65399 on 3/11/2010

**K. M. NG & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
SAN ANTONIO, TEXAS 78201  
TEXAS REGISTERED ENGINEERING FIRM F-442



**PLAN**  
SCALE: 1" = 40'

**LEGEND**

- TREES TO BE REMOVED
- SEDIMENT CONTROL FENCE

**AT&T TELEPHONE COMPANY NOTE:**

THE EXISTENCE AND LOCATION OF UNDERGROUND CABLE INDICATED ON THESE PLANS ARE TAKEN FROM THE BEST RECORDS AVAILABLE AND ARE NOT GUARANTEED TO BE ACCURATE. CONTRACTOR MUST CONTACT THE TELEPHONE COMPANY CABLE LOCATOR 48 HOURS PRIOR TO EXCAVATION AT 1-800-344-8377. CONTRACTOR HAS THE RESPONSIBILITY TO PROTECT AND SUPPORT TELEPHONE COMPANY PLANT DURING CONSTRUCTION.

**CITY PUBLIC SERVICE ENERGY NOTES:**

1. CALL CPS ENERGY LOCATOR AT 1-800-344-8377. 48 HOURS BEFORE BEGINNING ANY EXCAVATION.
2. DUE TO FEDERAL REGULATIONS TITLE 49, PART 192.181, CPS 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.

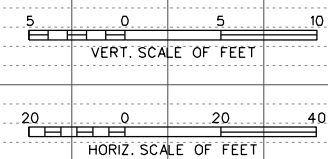
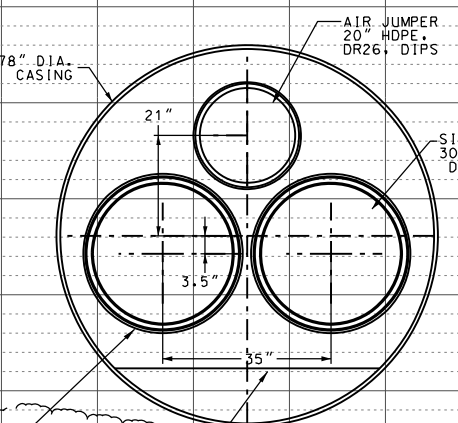
**TRENCH EXCAVATION SAFETY PROTECTION**

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

**TIME WARNER CABLE NOTE:**

CONTRACTOR SHALL CONTACT THE ONE-CALL LOCATOR 48 HOURS PRIOR TO EXCAVATION AT 1-800-344-8377. CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND SUPPORTING CABLE TV PLANT DURING CONSTRUCTION.

- NOTE:**
1. CASING SPACER SHALL BE AS REQUIRED BY PIPE MANUFACTURER DEPENDING ON PIPE MATERIAL AND THE TYPE OF SPACER SELECTED.
  2. STEEL CASING WALL THICKNESS SHALL BE 0.625" MIN.
  3. ALL HDPE PIPE JOINTS FOR SIPHON AND AIR PIPES SHALL BE BUTT-FUSION TYPE PER SPECIFICATION SECTION 2002.2B(2)(c)



**PROFILE**

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

**K. M. NG & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
SAN ANTONIO, TEXAS 78201  
TEXAS REGISTERED ENGINEERING FIRM #442

**SIGNED COPY ON FILE**  
KUM WING CHAN  
P.E. 65399  
2/18/2010

No.	Revision	Drawn	Approved	Date
<b>REVISIONS</b>				
<b>DEVELOPER:</b> SAN ANTONIO RIVER IMPROVEMENT HISTORIC MISSION REACH, PHASE IV SANITARY SEWER WORKS SIPHON PIPE PLAN & PROFILE I				
<b>CONTRACTOR:</b>		<b>BUDGET PROJ. 33</b>		
<b>SUBMITTED</b>		65399		
<b>APPROVED</b>		KUM WING CHAN		
<b>MAP No.</b>	172-544	<b>SHEET</b>		9
<b>SECT. No.</b>		<b>DR. E.C.L.B. / CK. K.W.C.</b>		<b>JOB No. 09-5575</b>
				<b>OF 33</b>

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Printed by: kchon

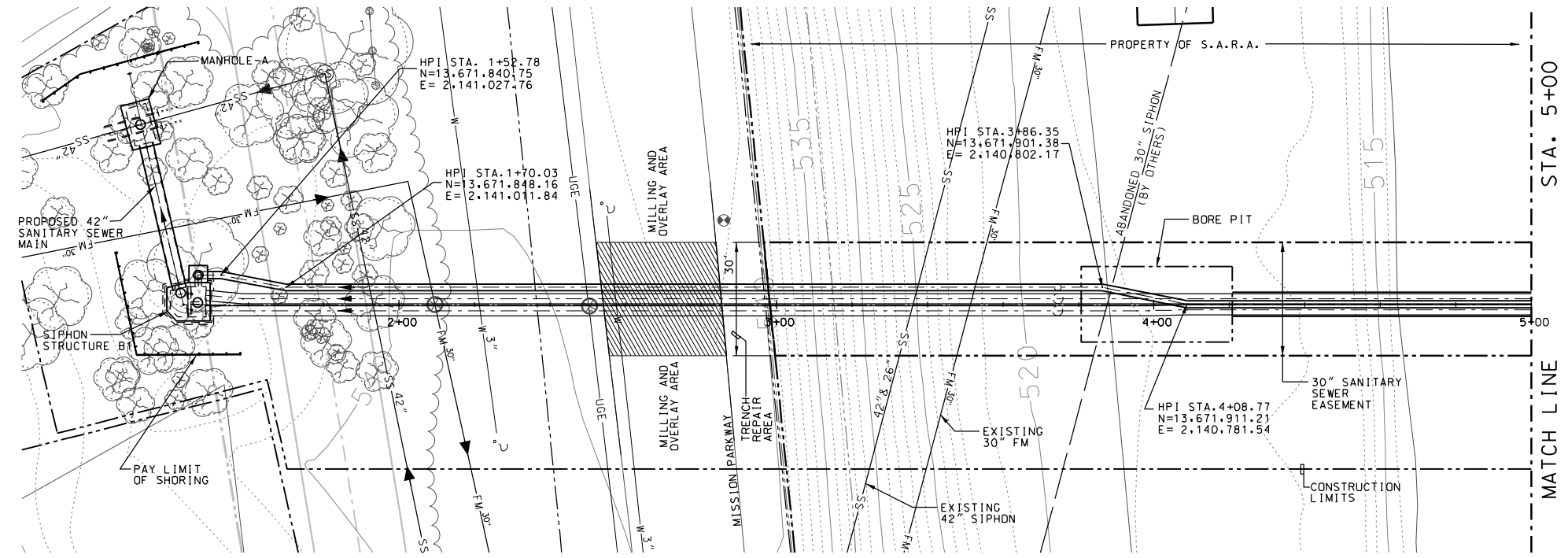


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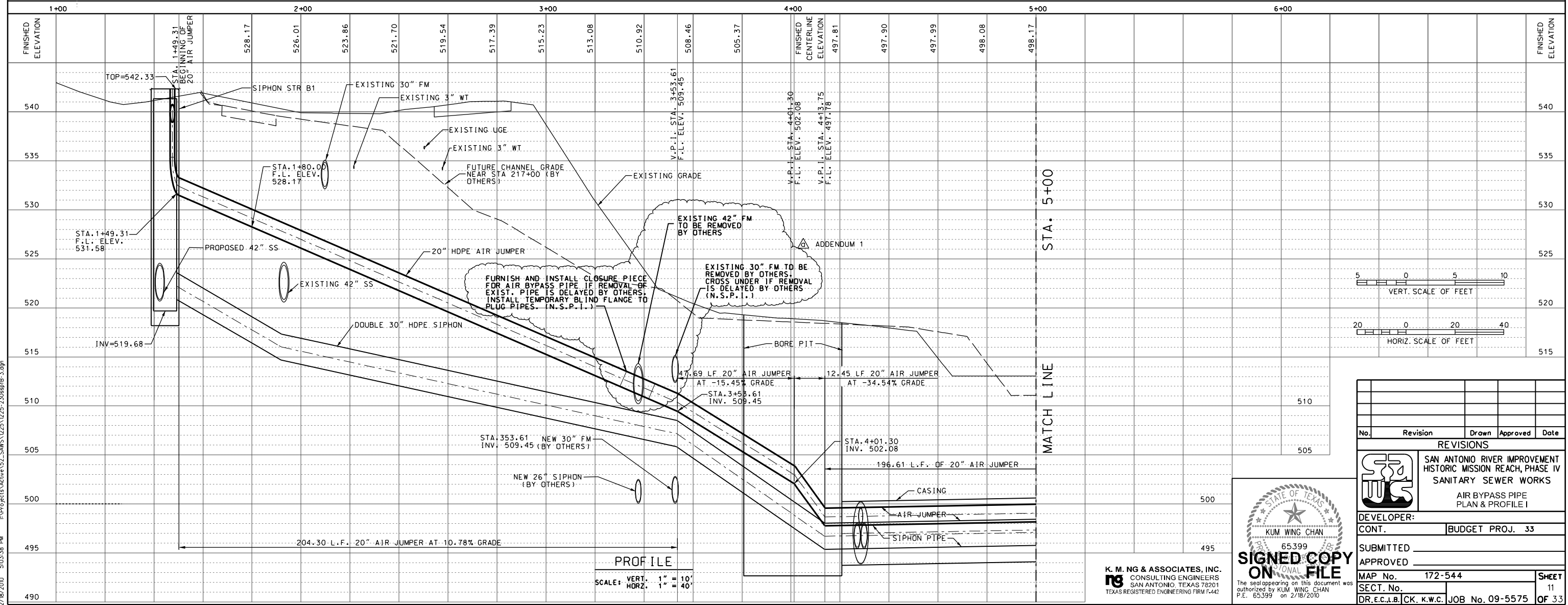
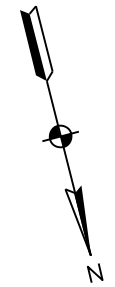
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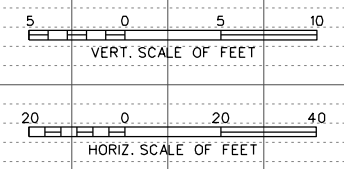
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**PLAN**  
 SCALE: 1" = 40'



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



No.	Revision	Drawn	Approved	Date

REVISIONS				
SAN ANTONIO RIVER IMPROVEMENT HISTORIC MISSION REACH, PHASE IV SANITARY SEWER WORKS AIR BYPASS PIPE PLAN & PROFILE I				
DEVELOPER:				
CONT.		BUDGET PROJ. 33		
SUBMITTED				
APPROVED				
MAP No.	172-544		SHEET	
SECT. No.			11	
DR. E.C.L.B. / CK. K.W.C.	JOB No. 09-5575		OF 33	

STATE OF TEXAS  
 KUM WING CHAN  
 65399  
**SIGNED COPY ON FILE**  
 The seal appearing on this document was authorized by KUM WING CHAN P.E. 65399 on 2/18/2010

**K. M. NG & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS  
 SAN ANTONIO, TEXAS 78201  
 TEXAS REGISTERED ENGINEERING FIRM #442