

ADDENDUM NO. 3

PROJECT NAME: CWB PROGRAM – CROCKETT BRIDGE PROJECT

DATE: March 30, 2016



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.

TCI PROJECT NO.: 40-00294E

Bid Document and Plan Changes

1. **Bid Form (Form 020)**
 - Revised estimated construction budget

2. **Unit Pricing Form (Form 025)**
 - Added Item SS 5301, “Potable Changeable Message Sign”, Each
 - Added Item XXX.X, “Allowance (Traffic Signal Adjustment)”, Lump Sum

3. **Specification Book**
 - Added Engineers seal and signature to Specification Book cover.
 - Added SS 5301 to the Specification List
 - Added Special Specification 5301, “Portable Changeable Message Sign”

4. **Plan Sheet Revisions**
 - Sheet 7B Added tables and chairs note (note 2)
 - Sheet 8 Added Item SS 5301, “Potable Changeable Message Sign”, Each
 Added Allowance (Traffic Signal Adjustment), Lump Sum
 - Sheet 9 Modified notes 5 and 6
 - Sheet 10 Added Portable Changeable Message Sign
 - Sheet 37 Modified existing furniture call-out

Questions and Comments from Bidders

1. Are the existing tables and chairs to remain in place during construction as shown on the Landscape Plan?
- 2.

***Response:** Tables and chairs will be removed for the duration of the project. The contractor will be required to remove and replace them as directed by the engineer unless the owner removes them prior to construction. See revised Supplemental General Notes.*

3. Are the repair procedure details submitted by the contractor to the engineer required to be signed and sealed?

Response: Follow requirements noted in the plans and specifications. There are details and/or calculations that require submission for approval and must be signed and sealed by an engineer such as the structural shoring and the overhead protection.

4. Will barges be used to haul off soil and debris during landscaping?

Response: It is up to the contractor to determine the means and methods to haul away and drop off soil and debris.

5. Where repairs are necessary, will rivets be cut out and replaced with bolts?

Response: Yes, the procedures for removing and replacing rivets are described in the Floor Beam & Truss Repair Details general notes. No flame cutting will be allowed.

6. Can a crane be used and set up on Crockett St?

Response: Yes, a crane can be located in the designated construction staging area.

7. Is contractor allowed to work during weekends?

Response: Yes, working hours are from 8am-7pm Monday through Sunday. See Supplemental General Notes.



Note: Addenda Acknowledgement Form for Addendum 3 is attached herein. This form must be signed and submitted with the bid package.

RECEIPT OF ADDENDUM NUMBER(S) 3 IS HEREBY ACKNOWLEDGED FOR PLANS AND SPECIFICATIONS FOR CONSTRUCTION OF:

CWB PROGRAM – CROCKETT BRIDGE PROJECT 40-00294E

FOR WHICH BIDS WILL BE OPENED ON **TUESDAY, APRIL 5, 2016 AT 2:00 P.M.**

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

Company Name: _____

Address: _____

City/State/Zip Code: _____

Date: _____

Signature

Print Name/Title

CITY OF SAN ANTONIO

Project Name: Crockett Bridge
ID NO.: 40-00294

Date Issued: February 4, 2016
Page 1 of 2

The estimated construction budget for this contract is **\$1,339,121** Revised value in Addendum 3
March 30, 2016

020 BID FORM

Legal Name of Company (print)

I. BASE BID

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

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 - _____

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.

IV. ALLOWANCES (if applicable)

Person Authorized to Sign Bid/Contract (Print)

Title of Person Signing

Address

Fax No.

Local Headquarters

(Check one)

Local Branch Office

City, State and Zip Code

Telephone No.

E-mail Address

Name of the proposed **Project Manager:** _____

Name of the proposed **Site Superintendent:** _____

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

1 Added Items in Addendum 3

PROJECT NAME: CROCKETT BRIDGE
PROJECT NO. 40-00294

ALT. NO.	ITEM NO.	DESC. CODE	S.P. NO	BID ITEM DESCRIPTION	UNIT OF MEASURE	APPROX. QUANTITIES	UNIT BID PRICE	AMOUNT	ITEM SEQUENCE NO.
				The City only will accept bid pricing to the hundredths. Any pricing extended out to three decimal points will be truncated to two decimal points in the City's favor.					
	100	0.1		MOBILIZATION	LS	1			
	100	0.2		INSURANCE & BOND	LS	1			
	101	0.1		PREPARE RIGHT OF WAY	LS	1			
	103	0.1		REMOVE CONCRETE CURB	LF	24			
	203	0.1		TACK COAT	GAL	55			
	205	0.4		HOT MIX ASPHALTIC PAVEMENT, TYPE D (2" COMP. DEPTH)(<5000SY)	SY	550			
	208	0.1		SALVAGING, HAULING, AND STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT (2" DEPTH)	SY	550			
	302	0.1		METAL FOR STRUCTURES	LB	28,844			
	307	0.1		CONCRETE STRUCTURE (BRIDGE DECKS)	SF	2,193			
	413	0.1		FLOWABLE FILL (HIGH STRENGTH)	CY	11			
	500	0.1		CONCRETE CURB	LF	24			
	511	0.4		REPLACING WITH PORTLAND CEMENT CONCRETE PAVEMENT (7" DEPTH)	SY	9			
	530	0.1		BARRICADES, SIGNS AND TRAFFIC HANDLING	LS	1			
	535	0.2		4 INCH WIDE WHITE LINE	LF	128			
	535	0.4		8 INCH WIDE WHITE LINE	LF	110			
	535	0.7		24 INCH WIDE WHITE LINE	LF	21			
	535	0.9		LEFT WHITE ARROW	EA	2			
	550	0.1		TRENCH EXCAVATION SAFETY PROTECTION	LF	16			
	618	0.10		CONDT (RM) (1/2")	LF	141			
	618	0.11		CONDT (RM) (1")	LF	148			
	618	0.12		CONDT (FMC) (1/2")	LF	192			
	628	0.1		ELECTRICAL SERVICES (PER INSTALLATION)	EA	1			
	SS 1010			TREE PROTECTION	EA	6			
	SS 3001			OVERHEAD PROTECTION	LS	1			
	SS 3020			ORNAMENTAL POST CAP (CAST IRON)	EA	1			
	SS 3070			CONCRETE STRUCTURE (COLORED TEXTURED SIDEWALK)	SF	1,835			
	SS 5150			RIVER ROCK (MEXICAN BEACH PEBBLES)	SF	135			
	SS 5300			SPECIALTY SIGNAGE	LS	1			
	SS 5301			PORTABLE CHANGEABLE MESSAGE SIGN	EA	1			1
	SS 6001			WALKWAY FIXTURE (PENDANT MOUNT)	EA	4			
	SS 6002			TABLE FIXTURE (FLUSH MOUNT)	EA	6			
	SS 6003			TRUSS FIXTURE (FLUSH MOUNT)	EA	20			
	SS 6004	0.1		HOLIDAY LIGHTING (FIXTURE)	EA	2			
	SS 6004	0.2		HOLIDAY LIGHTING (LEADER CABLE)	LF	74			
	SS 6004	0.3		HOLIDAY LIGHTING (COAXIAL CABLE)	LF	114			
	SS 6005			FOUNTAIN FIXTURE	EA	2			
	SS 6006	0.1		LANDSCAPE PATH FIXTURE (GROUND MOUNT)	EA	8			
	SS 6006	0.2		LANDSCAPE WALL FIXTURE (GROUND MOUNT)	EA	4			
				ALLOWANCE (FORCE ACCOUNT)	LS	1	\$150,000.00	\$150,000.00	
				ALLOWANCE (TRAFFIC SIGNAL ADJUSTMENT)	LS	1	\$100,000.00	\$100,000.00	1

CITY OF SAN ANTONIO
025 UNIT PRICING FORM

PROJECT NAME: CROCKETT BRIDGE
PROJECT NO. 40-00294

848			PIPE (PVC) (SDR-26) (12 IN)	LF	16			
168	6001		VEGETATIVE WATERING	MG	25			
192	6001		PLANT MATERIAL (4")	EA	727			
192	6013		MULCH	SY	91			
192	6015		LANDSCAPE EDGE (STEEL)	LF	75			
192	6030		PLANT MATERIAL (3 GAL) (SHRUB)	EA	40			
192	6031		PLANT MATERIAL (5 GAL) (SHRUB)	EA	3			
192	6081		PLANTING SOIL MIX (PLANTING SOIL)	CY	15			
446	6002		CLEAN & PAINT EXIST STR (SYSTEM II)	LS	1			
450	2057		RAIL (EXIST RAIL MODIFICATION)	LF	147			
474	6021		CAST-IN-PLACE TRENCH DRAIN	LF	20			
496	6013		REMOVE STR (BRIDGE SLAB)	EA	1			
496	6075		REMOVE STR (TRUSS STRINGER)	EA	60			
496	6081		REMOV STR (BRG DRAIN PIPING ASSEMBLY)	EA	1			
620	6003		ELEC CONDR (NO.12) BARE	LF	742			
620	6004		ELEC CONDR (NO.12) INSULATED	LF	1,484			
644	6076		REMOVE SM RD SN SUP & AM	EA	1			
776	6037		REPAIR (EXISTING METAL PED RAIL)	LF	165			
784	6004		REP STL BRIDGE MEMBER (TRUSS VERTICAL)	EA	5			
784	6012		REP STL BRIDGE MEMBER (TOP CHORD)	EA	1			
784	6014		REP STL BRIDGE MEMBER (SPICE PLATE)	EA	7			
784	6029		REP STL BRIDGE MEMBER (PIN NUT)	EA	2			
784	6038		REP STL BRIDGE MEMBER (REP RIVET/BOLT)	EA	3			
784	6049		REP STL BRIDGE MEMBER (BOT FLNG ANGLE)	EA	2			
784	6069		REP STL BRIDGE MEMBER (WEB REPAIR TYPE 1)	EA	1			

Total Bid Amount:

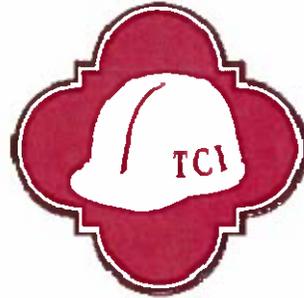
_____ certifies that the unit prices shown on this complete computer print-out for all of the bid items and the alternates contained in this proposal are the unit prices intended and that its bid will be tabulated using these unit prices and no other information from this print-out.

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

Signed: _____ Date: _____

Title: _____

CONSTRUCTION SPECIFICATIONS FOR TRANSPORTATION & CAPITAL IMPROVEMENTS



CITYWIDE BRIDGE PROGRAM – CROCKETT BRIDGE COSA JOB NO. 40-00294



PREPARED BY:

JACOBS

Firm No. 2966
911 Central Parkway North, Suite 425
San Antonio, TX 78232

Jacobs Job No. WJXL7101
January 2016

List of Governing Specifications

PROJECT NAME: Crockett Bridge

SUBMITTED TO: Richard Grochowski, PE (CITY PM)

SUBMITTED BY: Brian Kuehl, PE (CONSULTANT PM)

CITY OF SAN ANTONIO STANDARD SPECIFICATIONS FOR CONSTRUCTION, JUNE 2008

DIVISION I – EARTHWORK

100 Mobilization

101 Preparing Right-Of-Way (TxDOT 103)

103 Remove Concrete (COSA 104,105,306)

DIVISION II – BASE & SURFACE COURSES

203 Tack Coat (COSA 202; TxDOT 300)

205 Hot Mix Asphaltic Concrete Pavement (COSA 202, 203, 210, 220; TxDOT 300,301, 340, 341, 585)

208 Salvaging, Hauling, & Stockpiling Reclaimable Asphaltic Pavement

DIVISION III – CONCRETE & CONCRETE STRUCTURES

302 Metal for Structures (COSA 514; TxDOT 441, 442)

307 Concrete Structures (COSA 300, 301, 302, 311, 409; TxDOT 400, 404, 426, 427, 428, 438, 441, 448, 454)

DIVISION IV – STORM SEWERS

413 Flowable Fill

DIVISION V – INCIDENTAL CONSTRUCTION

500 Concrete Curb, Gutter, and Concrete Curb and Gutter (COSA 300, 301, 304, 307, 515)

511 Cutting and Replacing Pavements (Trench Repair) (COSA 203, 204, 205, 206, 300, 301, 305)

530 Barricades, Signs and Traffic Handling (COSA 205, 206)

535 Hot Applied Thermoplastic Pavement Markings

550 Trench Excavation Safety Protection

DIVISION VI – TRAFFIC SIGNALS

618 Conduit (COSA 400, 406, 622; TxDOT 445)

628 Electrical Services (COSA 618, 620, 627, 656; TxDOT 441, 445, 449)

PROJECT SCHEDULING & DATA MANAGEMENT

700 Cost Loaded Project Schedules

1000 Web Portal

SPECIAL PROVISIONS

700 Cost Loaded Project Schedules

SPECIAL SPECIFICATIONS

SS 1010 Tree Protection

SS 3001 Overhead Protection

SS 3020 Ornamental Post Cap (Cast Iron) (TxDOT 446)

SS 3070 Concrete Structure (Colored Textured Sidewalk) (COSA 300, 307)

SS 5150 River Rock (Mexican Beach Pebbles)

SS 5300 Specialty Signage

SS 5301 Portable Changeable Message Sign

Added Item in Addendum 3

SS 6001 Walkway Lighting Fixture (COSA 618, 620, 624, 628; TxDOT 616)

SS 6002 Table Lighting Fixture (COSA 618, 620, 624, 628; TxDOT 616)

SS 6003 Truss Lighting Fixture (COSA 618, 620, 624, 628; TxDOT 616)

SS 6004 Holiday Lighting (COSA 618, 620, 624, 628; TxDOT 616)

SS 6005 Fountain Lighting Fixture (COSA 618, 620, 624, 628; TxDOT 616)

SS 6006 Landscape Lighting Fixture (COSA 618, 620, 624, 628; TxDOT 616)

SAN ANTONIO WATER SYSTEM SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION, DATED APRIL 2014

848 Sanitary Sewers (SAWS 804, 849, 854, 3000)

TXDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTAINENCE OF HIGHWAYS, STREETS, AND BRIDGES, NOVEMBER 2014

168 Vegetative Watering

192 Landscape Planting (TxDOT 161, 166, 168, 192)

446 Field Cleaning and Painting Steel (TxDOT 441, 445, 784)

450 Railing (TxDOT 420, 421, 422, 424, 440, 441, 442, 445, 446, 448, 540)

474 Linear Drains (TxDOT 400, 420, 421, 440, 445, 460, 471)

496 Removing Structures

620 Electrical Conductors (TxDOT 610, 628)

644 Small Roadside Sign Assemblies

776 Metal Rail Repair (TxDOT 429, 441, 445, 446, 448, 450)

784 Steel Member Repair (TxDOT 421, 441, 442, 446, 448, 780)

Special Specification 5301

Portable Changeable Message Sign

This Special Specification added in Addendum 3

1. DESCRIPTION

Furnish, operate, and maintain portable trailer mounted changeable message sign (PCMS) units.

2. MATERIALS

Furnish new or used material in accordance with the requirements of this Item and the details shown on the plans. Provide a self-contained PCMS unit with the following:

- Sign Controller
- Changeable Message Sign
- Trailer
- Power Source

Paint the exterior surfaces of the power supply housing, supports, trailer, and sign with Federal Orange No. 22246 or Federal Yellow No. 13538 of Federal Standard 595C, except paint the sign face assembly flat black.

Sign Controller. Provide a controller with permanent storage of a minimum of 75 pre-programmed messages. Provide an external input device for random programming and storage of a minimum of 75 additional messages. Provide a controller capable of displaying up to 3 messages sequentially. Provide a controller with adjustable display rates. Enclose sign controller equipment in a lockable enclosure.

Changeable Message Sign. Provide a sign capable of being elevated to at least 7 ft. above the roadway surface from the bottom of the sign. Provide a sign capable of being rotated 360° and secured against movement in any position.

Provide a sign with 3 separate lines of text and 8 characters per line minimum. Provide a minimum 18 in. character height. Provide a 5 × 7 character pixel matrix. Provide a message legibility distance of 600 ft. for nighttime conditions and 800 ft. for normal daylight conditions. Provide for manual and automatic dimming light sources.

The following are descriptions for 3 screen types of PCMS:

- **Character Modular Matrix.** This screen type comprises of character blocks.
- **Continuous Line Matrix.** This screen type uses proportionally spaced fonts for each line of text.
- **Full Matrix.** This screen type uses proportionally spaced fonts, varies the height of characters, and displays simple graphics on the entire sign.

Trailer. Provide a 2 wheel trailer with square top fenders, 4 leveling jacks, and trailer lights. Do not exceed an overall trailer width of 96 in. Shock mount the electronics and sign assembly.

Power Source. Provide a diesel generator, solar powered power source, or both. Provide a backup power source as necessary.

Cellular Telephone. When shown on the plans, provide a cellular telephone connection to communicate with the PCMS unit remotely.

3. CONSTRUCTION

Place or relocate PCMS units as shown on the plans or as directed. The plans will show the number of PCMS units needed, for how many days, and for which construction phases.

Maintain the PCMS units in good working condition. Repair damaged or malfunctioning PCMS units as soon as possible. PCMS units will remain the property of the Contractor.

4. MEASUREMENT

This Item will be measured by each PCMS or by the day used. All PCMS units must be set up on a work area and operational before a calendar day can be considered measurable. When measurement by the day is specified, a day will be measured for each PCMS set up and operational on the worksite.

5. PAYMENT

The work performed and materials furnished in accordance with this Item and measured as provided under "Measurement" will be paid for at the unit price bid for "Portable Changeable Message Sign." This price is full compensation for PCMS units; set up; relocating; removing; replacement parts; batteries (when required); fuel, oil, and oil filters (when required); cellular telephone charges (when required); software; and equipment, materials, tools, labor, and incidentals.

THE FOLLOWING CHANGES ARE MADE TO THE CITY OF SAN ANTONIO'S GENERAL NOTES:

ADDITIONAL NOTES

1. PRIOR TO BEGINNING THE REHABILITATION WORK, THE CONTRACTOR SHALL SUBMIT HIS PROPOSED REPAIR PROCEDURES TO THE ENGINEER FOR APPROVAL. SUCH APPROVAL SHALL NOT RELIEVE THE CONTRACTOR FOR ANY LIABILITY FOR REPAIRS TO THE STRUCTURE SHOULD THE APPROVED METHOD RESULT IN DAMAGE TO THE STRUCTURE. SUBMISSION FOR REMOVAL AND REPLACEMENT OF MEMBERS SHALL INCLUDE SHOP DRAWINGS IN ACCORDANCE WITH TXDOT ITEM 441.3.1.6.2. SUBSEQUENT TO SUBMISSION OF REPAIR PROCEDURE, A MEETING MUST BE ARRANGED BETWEEN ENGINEER, CITY INSPECTORS AND THE CONTRACTOR. THE PURPOSE OF THIS MEETING WILL BE TO DISCUSS THE PROPOSED WORK PROCEDURES, SEQUENCE OF WORK TO BE FOLLOWED, PROJECT SCHEDULE AND SAFETY PLAN.
2. THE TABLES AND CHAIRS ALONG THE RIVERWALK UNDER THE BRIDGE (WEST SIDE) WILL BE REMOVED FOR THE DURATION OF THE PROJECT. THE CONTRACTOR WILL REMOVE AND REPLACE THEM AS DIRECTED BY THE ENGINEER UNLESS THE OWNER REMOVES THEM PRIOR TO CONSTRUCTION. THE TABLES AND CHAIRS WILL BE STORED AT AN OWNER DESIGNATED LOCATION. TABLES AND CHAIRS ARE TO BE REPLACED WITHOUT DAMAGE. PAYMENT FOR REMOVING, REPLACING AND TRANSPORTING THE TABLES AND CHAIRS TO THE OWNER DESIGNATED LOCATION IS SUBSIDIARY TO COSA ITEM 101, PREPARING RIGHT OF WAY.
3. PROVIDE SAFE ACCESS TO ALL AREAS WHERE REMOVAL OPERATIONS ARE PERFORMED.
4. CULTURAL RESOURCES REQUIRE THE FOLLOWING ACTIONS:
 - A. PROPOSED CURBS ARE TO MATCH EXISTING SQUARE CURB PROFILE.
 - B. PROTECTION OF DESIGNATED HISTORIC BUILDINGS AND STRUCTURES FROM DAMAGE DURING DEMOLITION AND CONSTRUCTION (CROCKETT STREET BRIDGE, CASINO CLUB-102 W. CROCKETT, AND CHANDLER BUILDING-207 LOSOYA).
 - C. CONTRACTOR IS RESPONSIBLE FOR PREVENTING DAMAGE TO HISTORIC STRUCTURES DURING THE ENTIRE CONSTRUCTION PROJECT, ESPECIALLY DURING REMOVAL OF EXISTING SLAB, STRINGERS, OR CURB, OR RAIL REPAIR. DURING THE REMOVAL PROCESS, CONTRACTOR WILL EXERCISE UTMOST CAUTION AND WILL PHYSICALLY PROTECT HISTORIC STRUCTURE FOUNDATION, MATERIALS, ELEVATIONS, ENTRYWAYS WITH DECORATIVE FLOORING, AND HISTORIC SIDEWALK ELEMENTS AS LISTED ABOVE.
 - D. CONTRACTOR TO REPAIR OR REPLACE IN KIND, AT HIS OWN EXPENSE, ANY HISTORIC MATERIALS DAMAGED IN THE COURSE OF EXECUTING THE WORK; CONTRACTOR IS RESPONSIBLE FOR LOCATING REPLACEMENT SOURCE FOR HISTORIC MATERIALS DAMAGED IN THE COURSE OF WORK; THE TRANSPORTATION & CAPITAL IMPROVEMENTS DEPARTMENT ENVIRONMENTAL MANAGEMENT DIVISION AND THE OFFICE OF HISTORIC PRESERVATION SHALL BE INFORMED OF DAMAGE AND PROPOSED REPAIRS PRIOR TO EXECUTION OF REPAIR WORK.
 - E. INSTALLATION OF NEW ILLUMINATION TO BE AS MINIMALLY INVASIVE AS POSSIBLE AND TO UTILIZE EXISTING PENETRATIONS INTO THE HISTORIC BRIDGE STRUCTURE.
5. EXISTING TRUSS PAINT IS CONSIDERED NON-HAZARDOUS. SSPC-OP 1 CERTIFICATION IS REQUIRED FOR THE DURATION OF THE PROJECT. SUBMIT AN ANALYSIS OF THE BRIDGE STRUCTURE DUE TO WIND LOADS ON THE CONTAINMENT SYSTEM SIGNED AND SEALED BY A PROFESSIONAL ENGINEER FOR REVIEW AND APPROVAL. CLEAN EXISTING METAL USING AN ABRASIVE BLAST CLEANING; REMOVE ALL DIRT, RUST SCALE, LOOSE MILL SCALE, LOOSE RUST, AND LOOSE PAINT. TIGHT MILL SCALE AND TIGHTLY ADHERED RUST AND PAINT ARE PERMITTED. EXPOSE EACH SQUARE INCH OF SURFACE AREA TO BE CLEANED TO THE ABRASIVE BLAST PATTERN LONG ENOUGH TO EXPOSE SEVERAL FLECKS OF THE UNDERLYING METAL. MEET THE SURFACE PREPARATION REQUIREMENTS OF SSPC-SP 7. USE THE TEST DESCRIBED IN TXDOT ITEM 446.4.7.3.3, "TAPE TEST" ON THE CLEANED SURFACE TO DETERMINE IF IT IS ADEQUATELY CLEANED. CLEANING PROCESS OF BRIDGE SHOULD BE IN MANNER THAT PREVENTS DAMAGE TO HISTORIC MATERIALS.
6. PAINT ALL METAL SURFACES TO MATCH EXISTING COLORS (TRUSSES, FLOOR BEAMS, STRINGERS, RAILING, AND RAIL LATTICE) USING PAINT SYSTEM II ACCORDING TO TXDOT ITEM 446. CONTRACTOR IS TO SUBMIT COLOR SAMPLES TO BE APPROVED PRIOR TO CLEANING EXISTING PAINT. PAINTING OF PROPOSED STRINGERS WILL BE PERFORMED IN THE SHOP. PAYMENT FOR PAINTING PROPOSED STRINGERS IS SUBSIDIARY TO COSA ITEM 302, "METAL FOR STRUCTURES". CLEANING AND PAINTING OF ALL EXISTING MEMBERS WILL BE PAID FOR UNDER TXDOT ITEM 446, "FIELD CLEANING & PAINTING STEEL".
7. PAINT THE BOTTOM SURFACES OF THE PROPOSED CONCRETE DECK AND SIDEWALKS (SURFACE AREA IV) TO MATCH EXISTING COLOR USING OPAQUE SEALER ACCORDING TO COSA ITEM 311, "CONCRETE SURFACE FINISH". CONTRACTOR IS TO SUBMIT COLOR SAMPLES TO BE APPROVED PRIOR TO REMOVAL OF EXISTING CONCRETE DECK. PAYMENT FOR SURFACE FINISH OF PROPOSED CONCRETE DECK AND SIDEWALKS IS SUBSIDIARY TO ITEMS 307 AND SS 3070.
8. CONTRACTOR IS TO NOTIFY ENGINEER IF ANY MAJOR DISCREPANCIES BETWEEN FIELD FINDINGS AND ENGINEERING DETAILS ARE DISCOVERED PRIOR TO COMMENCING ANY REHABILITATION WORK.
9. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN ALL REQUIRED STORM WATER PERMITS, FEES, AND APPROVALS. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PERMITS REQUIRED FOR CONSTRUCTION IN DRAINAGE EASEMENTS, RIGHT-OF-WAYS, AND FLOODPLAINS.
10. THE CONTRACTOR SHALL NOTIFY STORM WATER ENGINEERING AT LEAST 24 HOURS PRIOR TO THE INSTALLATION OF ANY DRAINAGE FACILITY WITHIN A DRAINAGE EASEMENT OR STREET RIGHT-OF-WAY NOT INDICATED ON THE CONSTRUCTION PLANS.
11. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING EXISTING DRAINAGE FACILITIES FROM DAMAGE. ANY DAMAGE TO EXISTING DRAINAGE SYSTEMS, WHETHER OR NOT SHOWN ON THE PLANS, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AT HIS EXPENSE. THE CONTRACTOR SHALL NOTIFY STORM WATER ENGINEERING AT 210-207-8052 AS SOON AS CONFLICTS WITH UTILITIES ARE ENCOUNTERED OR ANY DRAINAGE SYSTEM IS DAMAGED DURING CONSTRUCTION.
12. CONTRACTOR IS TO PROTECT THE SAN ANTONIO RIVER FROM THE INTRODUCTION OF DEBRIS FROM THE PROPOSED IMPROVEMENTS. CONSTRUCTION SPOILS WILL NOT BE ALLOWED TO BE DEPOSITED ANYWHERE WITHIN A DRAINAGE EASEMENT, RIGHT-OF-WAY, OR FLOODPLAIN WITHIN THE LIMITS OF THE PROJECT AND SHALL BE DISPOSED OFFSITE IN COMPLIANCE WITH CURRENT APPLICABLE REGULATIONS.

NOTE MODIFICATION

1. MODIFY GENERAL NOTE NO. 1 - ALL CONSTRUCTION SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS:
 - CITY OF SAN ANTONIO STANDARD SPECIFICATION FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, DATED JUNE 2008.
 - TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS, AND BRIDGES, DATED NOVEMBER 1, 2014.
 - SAN ANTONIO WATER SYSTEM SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION, DATED APRIL 2014.



1		ADDED TABLES AND CHAIRS NOTE	BSK	03/30/2016
NO.	REVISIONS		BY	DATE
JACOBS 2705 BEE CAVE ROAD, SUITE 300 AUSTIN, TEXAS 78788 PH: (512) 314-3100 FAX: (512) 314-3135 TBPE FIRM # 2966				
CITY OF SAN ANTONIO TRANSPORTATION & CAPITAL IMPROVEMENTS DEPARTMENT 2012 CITYWIDE BRIDGE PROGRAM - CROCKETT BRIDGE				
SUPPLEMENTAL GENERAL NOTES				
100% SUBMITTAL	PROJECT NO.:	40-00294	DATE:	3/30/2016
DRWN BY: LTT	DSGN BY: RLS	CHKD BY: BSK	SHEET NO.: 7B OF 46	

ESTIMATED QUANTITIES

CITY OF SAN ANTONIO			ROADWAY	DRAINAGE	BRIDGE	LANDSCAPE	TRAFFIC
ITEM NO.	BID ITEM DESCRIPTION	UNIT	X	X	X	X	X
100.1	MOBILIZATION	LS	1				
100.2	INSURANCE & BOND	LS	1				
101.1	PREPARE RIGHT OF WAY	LS	1				
103.1	REMOVE CONCRETE CURB	LF	24				
203.1	TACK COAT	GAL	55				
205.4	HOT MIX ASPHALTIC PAVEMENT, TYPE D (2" COMP. DEPTH) (<5000SY)	SY	550				
208.1	SALVAGING, HAULING, AND STOCKPILING RECLAIMABLE ASPHALTIC PAVEMENT (2" DEPTH)	SY	550				
302.1	METAL FOR STRUCTURES	LB			28,844		
307.1	CONCRETE STRUCTURE (BRIDGE DECKS)	SF			2,193		
413.2	FLOWABLE FILL (HIGH STRENGTH)	CY			11		
500.1	CONCRETE CURB	LF	24				
511.4	REPLACING WITH PORTLAND CEMENT CONCRETE PAVEMENT (7" DEPTH)	SY	9				
530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING	LS					1
535.2	4 INCH WIDE WHITE LINE	LF					128
535.4	8 INCH WIDE WHITE LINE	LF					110
535.7	24 INCH WIDE WHITE LINE	LF					21
535.9	LEFT WHITE ARROW	EA					2
550.1	TRENCH EXCAVATION SAFETY PROTECTION	LF		16			
618.10	CONDT (RM) (1/2")	LF					141
618.11	CONDT (RM) (1")	LF					148
618.12	CONDT (FMC) (1/2")	LF					192
628.1	ELECTRICAL SERVICES (PER INSTALLATION)	EA					1
SS 1010	TREE PROTECTION	EA				6	
SS 3001	OVERHEAD PROTECTION	LS			1		
SS 3020	ORNAMENTAL POST CAP (CAST IRON)	EA			1		
SS 3070	CONCRETE STRUCTURE (COLORED TEXTURED SIDEWALK)	SF			1,835		
SS 5150	RIVER ROCK (MEXICAN BEACH PEBBLES)	SF				135	
SS 5300	SPECIALTY SIGNAGE	LS					1
SS 5301	PORTABLE CHANGEABLE MESSAGE SIGN	EA					1
SS 6001	WALKWAY FIXTURE (PENDANT MOUNT)	EA					4
SS 6002	TABLE FIXTURE (FLUSH MOUNT)	EA					6
SS 6003	TRUSS FIXTURE (FLUSH MOUNT)	EA					20
SS 6004.1	HOLIDAY LIGHTING (FIXTURE)	EA					2
SS 6004.2	HOLIDAY LIGHTING (LEADER CABLE)	LF					74
SS 6004.3	HOLIDAY LIGHTING (COAXIAL CABLE)	LF					114
SS 6005	FOUNTAIN FIXTURE	EA					2
SS 6006.1	LANDSCAPE PATH FIXTURE (GROUND MOUNT)	EA					8
SS 6006.2	LANDSCAPE WALL FIXTURE (GROUND MOUNT)	EA					4
XXX.X	ALLOWANCES (FORCE ACCOUNT)	LS	1				
XXX.X	ALLOWANCES (TRAFFIC SIGNAL ADJUSTMENT)	LS					1
SAWS BID ITEMS			ROADWAY	DRAINAGE	BRIDGE	LANDSCAPE	TRAFFIC
ITEM NO.	BID ITEM DESCRIPTION	UNIT	X	X	X	X	X
848	PIPE (PVC) (SDR-26) (12 IN)	LF		16			
TXDOT BID ITEMS			ROADWAY	DRAINAGE	BRIDGE	LANDSCAPE	TRAFFIC
ITEM NO.	BID ITEM DESCRIPTION	UNIT	X	X	X	X	X
168 6001	VEGETATIVE WATERING	MG				25	
192 6001	PLANT MATERIAL (4")	EA				727	
192 6013	MULCH	SY				91	
192 6015	LANDSCAPE EDGE (STEEL)	LF				75	
192 6030	PLANT MATERIAL (3 GAL) (SHRUB)	EA				40	
192 6031	PLANT MATERIAL (5 GAL) (SHRUB)	EA				3	
192 6081	PLANTING SOIL MIX (PLANTING SOIL)	CY				15	
446 6002	CLEAN & PAINT EXIST STR (SYSTEM I)	LS			1		
450 2057	RAIL (EXIST RAIL MODIFICATION)	LF			147		
474 6021	CAST-IN-PLACE TRENCH DRAIN	LF		20			
496 6013	REMOVE STR (BRIDGE SLAB)	EA			1		
496 6075	REMOVE STR (TRUSS STRINGER)	EA			60		
496 6081	REMOV STR (BRG DRAIN PIPING ASSEMBLY)	EA			1		
620 6003	ELEC CONDR (NO.12) BARE	LF					742
620 6004	ELEC CONDR (NO.12) INSULATED	LF					1,484
644 6076	REMOVE SM RD SN SUP & AM	EA					1
776 6037	REPAIR (EXISTING METAL PED RAIL)	LF			165		
784 6004	REP STL BRIDGE MEMBER (TRUSS VERTICAL)	EA			5		
784 6012	REP STL BRIDGE MEMBER (TOP CHORD)	EA			1		
784 6014	REP STL BRIDGE MEMBER (SPlice PLATE)	EA			7		
784 6029	REP STL BRIDGE MEMBER (PIN NUT)	EA			2		
784 6038	REP STL BRIDGE MEMBER (REP RIVET/BOLT)	EA			3		
784 6049	REP STL BRIDGE MEMBER (BOT FLNG ANGLE)	EA			2		
784 6069	REP STL BRIDGE MEMBER (WEB REPAIR TYPE 1)	EA			1		

L:\CAD\DWG\17101 CROCK700 CADD\SHIT\BRG\CROCK-BREC01.dgn

1	ADDED PCMS & ALLOWANCES	BSK	03/30/2016
NO.	REVISIONS	BY	DATE
 2705 BEE CAVE ROAD, SUITE 300 AUSTIN, TEXAS 78786 PH: (512) 314-3100 FAX: (512) 314-3135 TBPE FIRM # 2966			
CITY OF SAN ANTONIO TRANSPORTATION & CAPITAL IMPROVEMENTS DEPARTMENT 2012 CITYWIDE BRIDGE PROGRAM - CROCKETT BRIDGE			
ESTIMATED QUANTITIES			
100% SUBMITTAL	PROJECT NO.: 40-00294	DATE: 3/30/2016	
DRWN BY: LTT	DSGN BY: RLS	CHKD BY: BSK	SHEET NO.: 8 OF 46

CROCKETT STREET SEQUENCE OF CONSTRUCTION

THE CONSTRUCTION SEQUENCE WILL CONSIST OF A FULL STREET CLOSURE OF CROCKETT STREET WITH LIMITS FROM LOSOYA STREET TO NORTH PRESA STREET IN ORDER TO PROVIDE MINOR ROAD AND DRAINAGE IMPROVEMENT, AND REHABILITATE THE EXISTING BRIDGE CROSSING.

TRAFFIC USING CROCKETT WILL BE DETOURED IN THE FOLLOWING MANNER:

1. TRAFFIC TRAVELING SOUTHBOUND ON LOSOYA STREET WILL BE DETOURED PAST CROCKETT STREET TO EAST COMMERCE STREET WHERE THEY WILL BE ABLE TO TURN RIGHT AND CONTINUE WESTBOUND ON EAST COMMERCE STREET UNTIL THEY REACH NORTH PRESA STREET TO TURN RIGHT. ONCE ON NORTH PRESA STREET TRAFFIC WILL TRAVEL NORTH TO THE END OF THE DETOUR AT CROCKETT STREET.
2. TRAFFIC TRAVELING WESTBOUND ON CROCKETT STREET FROM ALAMO PLAZA WILL BE DETOURED AT LOSOYA STREET TO EAST COMMERCE STREET WHERE THEY WILL TRAVEL SOUTH ON LOSOYA STREET TO EAST COMMERCE STREET WHERE THEY WILL BE ABLE TO TURN RIGHT AND CONTINUE WESTBOUND ON EAST COMMERCE STREET UNTIL THEY REACH NORTH PRESA STREET. ONCE ON NORTH PRESA STREET TRAFFIC WILL TRAVEL NORTH TO THE END OF THE DETOUR AT CROCKETT STREET.
3. THE CONTRACTOR WILL INSTALL PRECAST TRAFFIC BARRIER AT END OF THE BRIDGE/STREET CLOSURES.

TRAFFIC NOTES AND SPECIAL CONDITIONS:

1. REFER TO "CITY OF SAN ANTONIO GENERAL NOTES" FOR ADDITIONAL INFORMATION.
2. BARRICADES AND WARNING SIGNS ARE TO BE PLACED AS INDICATED ON THE PLANS. THIS IS CONSIDERED THE MINIMUM REQUIRED TO PROVIDE FOR THE SAFETY OF TRAFFIC DURING CONSTRUCTION. PROVIDE AND MAINTAIN OTHER SUCH BARRICADES AND SIGNS DEEMED NECESSARY OR AS DIRECTED BY FIELD CONDITIONS, TO PROVIDE FOR THE SAFE PASSAGE OF TRAFFIC AT ALL TIMES.
3. THE CONTRACTOR WILL PROVIDE ADDITIONAL SIGNS AND BARRICADES AS NECESSARY TO ADDRESS FIELD CONSTRUCTIBILITY AND VISIBILITY AT THE CONTRACTOR'S EXPENSE.
4. CONTRACTOR WILL NOTIFY THE TRAVELING PUBLIC OF THE CROCKETT STREET CLOSURE AT LEAST 2 WEEKS PRIOR TO THE CLOSURE.

5. REGULATE ALL CONSTRUCTION TRAFFIC TO MINIMIZE THE IMPACT TO THE TRAVELING PUBLIC. AT POINTS WHERE IT IS NECESSARY FOR TRUCKS TO STOP AND UNLOAD, PROVIDE WARNING SIGNS AND FLAGGERS AS NECESSARY TO ADEQUATELY PROTECT TRAVEL. IT MAY BE NECESSARY TO SET UP LANE CLOSURES TO FACILITATE CONSTRUCTION. PARKING OF CONSTRUCTION EQUIPMENT OR DELIVERY VEHICLES WILL NOT BE PERMITTED ON LOSOYA STREET OR PRESA STREET. ALL PROJECT DELIVERIES WILL ONLY BE ALLOWED BETWEEN 9 AM AND 4 PM.



6. THE CONTRACTOR WILL MAINTAIN RIVER LEVEL PEDESTRIAN AND BARGE ACCESS AT ALL TIMES DURING ALL PHASES EXCEPT DURING CRITICAL ACTIVITIES SUCH AS SLAB AND STRINGER REMOVAL AND REPLACEMENT. RIVER LEVEL CLOSURES TO PEDESTRIAN OR BARGE THROUGH TRAFFIC IS ONLY ALLOWED FOR 6 HOURS MAX PER DAY, MONDAY THROUGH FRIDAY. WHEN WORK REQUIRES SHUT DOWN OF THE RIVER, THE CONTRACTOR WILL GIVE ADVANCE WARNING IN PERSON, OR IN WRITING OF AT LEAST 96 HOURS TO RIVER BARGE OPERATORS AND CoSA DOWNTOWN OPERATIONS. THE CONTRACTOR WILL NOT CLOSE DOWN ACCESS TO RIVER BARGES OR RIVER WALK PEDESTRIAN TRAFFIC DURING FIESTA SAN ANTONIO OR ANY OTHER SPECIAL EVENT REQUIRING RIVER ACCESS.
7. ACCESS TO ALL RIVER WALK LEVEL BUSINESSES WILL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. IF WORK REQUIRES EXISTING RIVER WALK WHEELCHAIR ACCESSIBLE PATHWAY CLOSURES, THE CONTRACTOR WILL COORDINATE WITH CoSA DOWNTOWN OPERATIONS TO OBTAIN SPECIAL SIGNAGE TO ACCOMMODATE WHEELCHAIR AND PEDESTRIAN TRAFFIC. SPECIAL SIGNAGE WILL DIRECT TRAFFIC TO THE NEAREST ACCESS POINT THAT CAN ACCOMMODATE PERSONS WITH DISABILITIES. ANY TEMPORARY ADA DETOURS WILL BE APPROVED BY THE CoSA DISABILITY ACCESS OFFICE (MS. JUDY BABBITT AT 210-207-7268).
8. THE CONTRACTOR WILL COORDINATE WITH MS. CYNTHIA MARTINEZ (CoSA DOWNTOWN OPERATIONS) AT 207-3372 FOR SPECIAL RIVERWALK SIGNAGE WHEN RIVERWALK LEVEL AND/OR ACCESS CLOSURES ARE REQUIRED.
9. WORKING HOURS WILL BE LIMITED FROM 8AM-7PM MONDAY THROUGH SUNDAY OR THE HOURS DURING WHICH THE CONTRACTOR HAS BEEN AUTHORIZED AND/OR DIRECTED TO WORK BY THE OWNER. NO NIGHT TIME WORK WILL BE PERMITTED UNLESS APPROVED BY THE OWNER.

10. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR WILL CONTACT THE CITY OF SAN ANTONIO TRAFFIC OPERATIONS SECTION AT 207-4586 FOR A TRAFFIC SIGNAL INVENTORY, AND AT 207-3951 FOR A TRAFFIC SIGN INVENTORY. PRIOR TO COMPLETION OF THE CONTRACT AND REMOVAL OF THE BARRICADES, THE CONTRACTOR WILL AGAIN CONTACT THE TRAFFIC OPERATIONS SECTION. THE BARRICADES WILL NOT BE REMOVED UNTIL ALL APPLICABLE PERMANENT TRAFFIC SIGNS ARE IN PLACE.
11. AS WORK PROGRESSES, LOCATION OF TEMPORARY TRAFFIC CONTROL DEVICES WILL BE ADJUSTED AND MODIFIED, AS NECESSARY BY THE CONTRACTOR AT CONTRACTOR'S EXPENSE.
12. IF THE NEED ARISES, ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES, SPECIAL DIRECTIONAL DEVICES, AND/OR BUSINESS NAME SIGNS MAY BE ORDERED BY THE TRAFFIC ENGINEERING REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
13. PERMANENT PAVEMENT MARKINGS WILL BE APPLIED PRIOR TO THE OPENING OF THE COMPLETED STREET TO TRAFFIC. PRIOR TO THE APPLICATION OF PERMANENT MARKINGS, EITHER TEMPORARY ADDITIONAL SHORT-TERM EXPENDABLE PAVEMENT MARKINGS, OR RAISED PAVEMENT MARKINGS MAY BE PROVIDED TO DELINEATE CONTINUITY UNTIL SUCH TIME AS STANDARD PAVEMENT MARKINGS CAN BE APPLIED OR INSTALLED. TEMPORARY MARKINGS WILL BE PLACED AT NO DIRECT PAYMENT.
14. ANY DAMAGE TO PERMANENT TRAFFIC SIGNALS, THE CONTROLLER BOX, LOOPS OR CONDUITS DURING OR UPON COMPLETION OF THE PROJECT WILL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE. THE DECISION TO REPAIR, AS OPPOSED TO REPLACE, THE DAMAGED EQUIPMENT WILL BE MADE BY THE CITY'S TRAFFIC ENGINEER.
15. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL STREETS OUTSIDE OF THE PROJECT LIMITS WHICH ARE DAMAGED DUE TO CONSTRUCTION ACTIVITIES. THE REPLACED SECTION MUST BE APPROVED BY THE CITY'S STREET ENGINEER. THERE WILL BE NO DIRECT PAYMENT FOR THIS WORK. THE COST IS TO BE INCLUDED IN OTHER ITEMS.
16. THE CONTRACTOR WILL PROVIDE THE CITY AN EMERGENCY TELEPHONE NUMBER FOR EVENINGS, WEEKENDS, AND HOLIDAYS BY THE FIRST WORKING DAY OF THE PROJECT. THIS TELEPHONE NUMBER MUST BE A COMMERCIAL ANSWERING SERVICE. THE ANSWERING SERVICE MUST BE ABLE TO CONTACT THE CONTRACTOR AND HAVE THE CONTRACTOR RESPOND TO THE CITY STAFF WITHIN TWO HOURS OF THE INITIAL CONTACT.
17. THE CONTRACTOR WILL MAINTAIN CONTINUOUS ACCESS TO ALL INTERSECTING STREETS UNLESS OTHERWISE SHOWN ON THESE PLANS. WHEN CONTINUOUS ACCESS IS SCHEDULED TO BE BLOCKED, THE CONTRACTOR WILL CONTACT THE DISPATCHERS FOR THE FIRE DEPARTMENT AND EMS AT (210) 227-8341 AND THE POLICE DEPARTMENT AT (210) 207-2257, TO APPRISE THEM OF THE PENDING STREET CLOSURE AT LEAST FORTY-EIGHT HOURS IN ADVANCE. IF THE CLOSURE FALLS ALONG A BUS ROUTE, THE CONTRACTOR WILL ALSO CONTACT VIA AT (210) 362-5220.
18. THE CONTRACTOR WILL MAINTAIN EITHER THE EXISTING OR TEMPORARY STREET NAME SIGNS AT EACH INTERSECTION ONSITE THROUGHOUT CONSTRUCTION. IF THE EXISTING STREET NAME SIGNS ARE USED, THEY MUST BE MAINTAINED IN THE CONDITION ENCOUNTERED PRIOR TO THE BEGINNING OF CONSTRUCTION, AND THEN BE TURNED IN TO THE CITY INSPECTOR AT THE END OF THE PROJECT. IF TEMPORARY SIGNS ARE USED DURING CONSTRUCTION, THEY WILL BE IN ACCORDANCE WITH THE "TEXAS. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
19. THE CONTRACTOR WILL PROVIDE POSITIVE DRAINAGE THROUGHOUT THE CONSTRUCTION OF THE PROJECT. THE CONTRACTOR WILL CORRECT DRAINAGE DEFICIENCIES THAT PRESENT A HAZARD TO THE TRAVELING PUBLIC OR PROPERTY.
20. REMOVE OR COVER ALL EXISTING SIGNS WHICH ARE IN CONFLICT WITH THE TRAFFIC CONTROL PLAN.
21. ADJUST STOP SIGNS AS NEEDED ON INTERSECTING STREETS DURING THE VARIOUS CONSTRUCTION PHASES. DO NOT REMOVE ANY EXISTING STOP SIGNS UNTIL TEMPORARY SIGNS ARE IN PLACE.
22. NO EQUIPMENT WILL BE PERMITTED TO REMAIN IN A POSITION AFTER WORKING
23. CONTRACTOR WILL PROTECT THE SAN ANTONIO RIVER FORM THE INTRODUCTION OF DEBRIS FORM THE PROPOSED IMPROVEMENTS AT ALL TIMES.

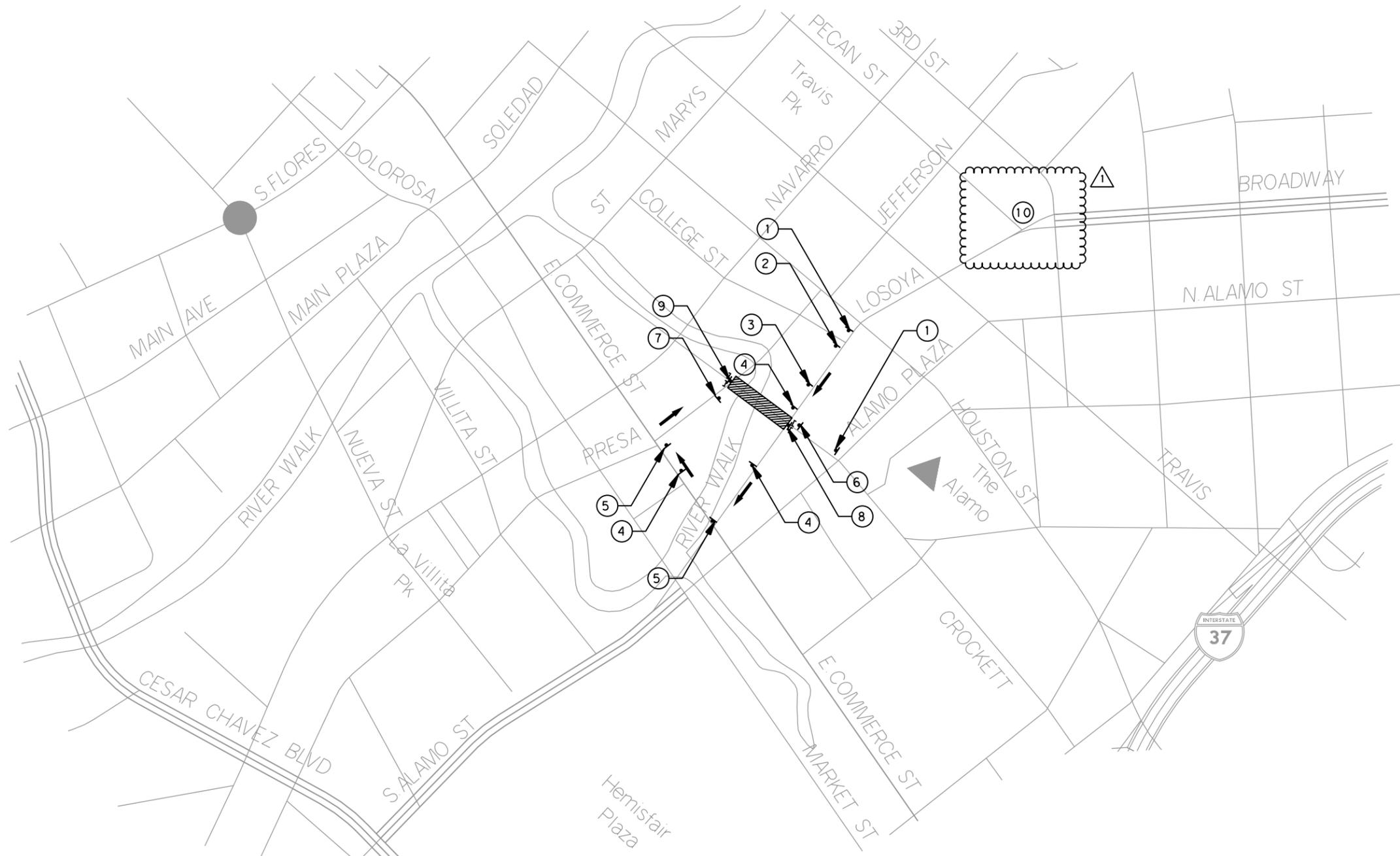


[Handwritten Signature]
3/28/2016

1	MODIFIED NOTES 5 & 6	JCS	3/28/2016
NO.	REVISIONS	BY	DATE
SANCHEZ-SALAZAR & ASSOCIATES			
<small>TBPE FIRM REGISTRATION NO. 15685</small>			
		<small>12770 CIMARRON PATH SUITE 100 SAN ANTONIO, TX 78249 PH: (210) 698-5051 FAX: (210) 698-5085 TBPE FIRM #F-5297</small>	
<small>Moy Tarin Ramirez Engineers, LLC</small>			
<small>PH: (512) 314-3100</small>		<small>2705 BEE CAVE ROAD, SUITE 300 AUSTIN, TEXAS 78786 FAX: (512) 314-3135</small>	
CITY OF SAN ANTONIO TRANSPORTATION & CAPITAL IMPROVEMENTS DEPARTMENT			
2012 CITYWIDE BRIDGE PROGRAM - CROCKETT BRIDGE			
TCP SEQUENCE OF CONSTRUCTION			
FINAL SUBMITTAL	PROJECT NO.: WJXL7101	DATE: 1/05/16	
DRWN BY:	DSGN BY:	CHKD BY:	SHEET NO.: 9 OF 46

P:\WJXL7500 CoSA DREAMWOOD BRIDGE\700 WORKING DOCUMENTS\740 SHEETS\SH\TINDX.DWG

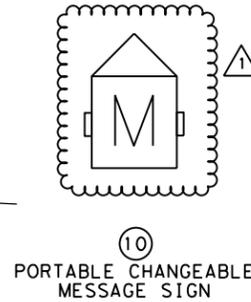
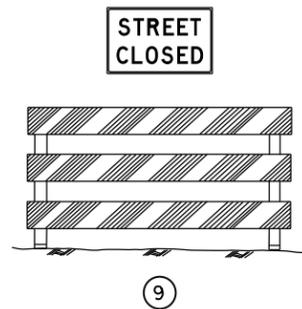
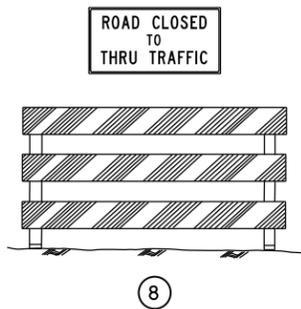
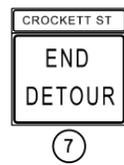
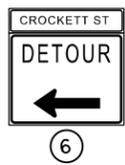
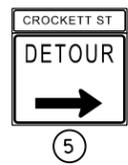
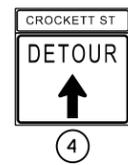
P:\WJL7500 COSA DREAMWOOD BRIDGE\700 WORKING DOCUMENTS\740 SHEETS\SI\TINDX.DWG



NOTE:
 1. CONTRACTOR TO INSTALL A PORTABLE CHANGEABLE MESSAGE SIGN TO SUPPLEMENT THE ADVANCED WARNING SIGNS FOR CROCKETT STREET CLOSURE AT THE INTERSECTION OF BROADWAY STREET AND PECAN STREET. FINAL MESSAGE AND LOCATION WILL BE AS DIRECTED BY THE CITY'S ENGINEER.



[Signature]
 3/28/2016

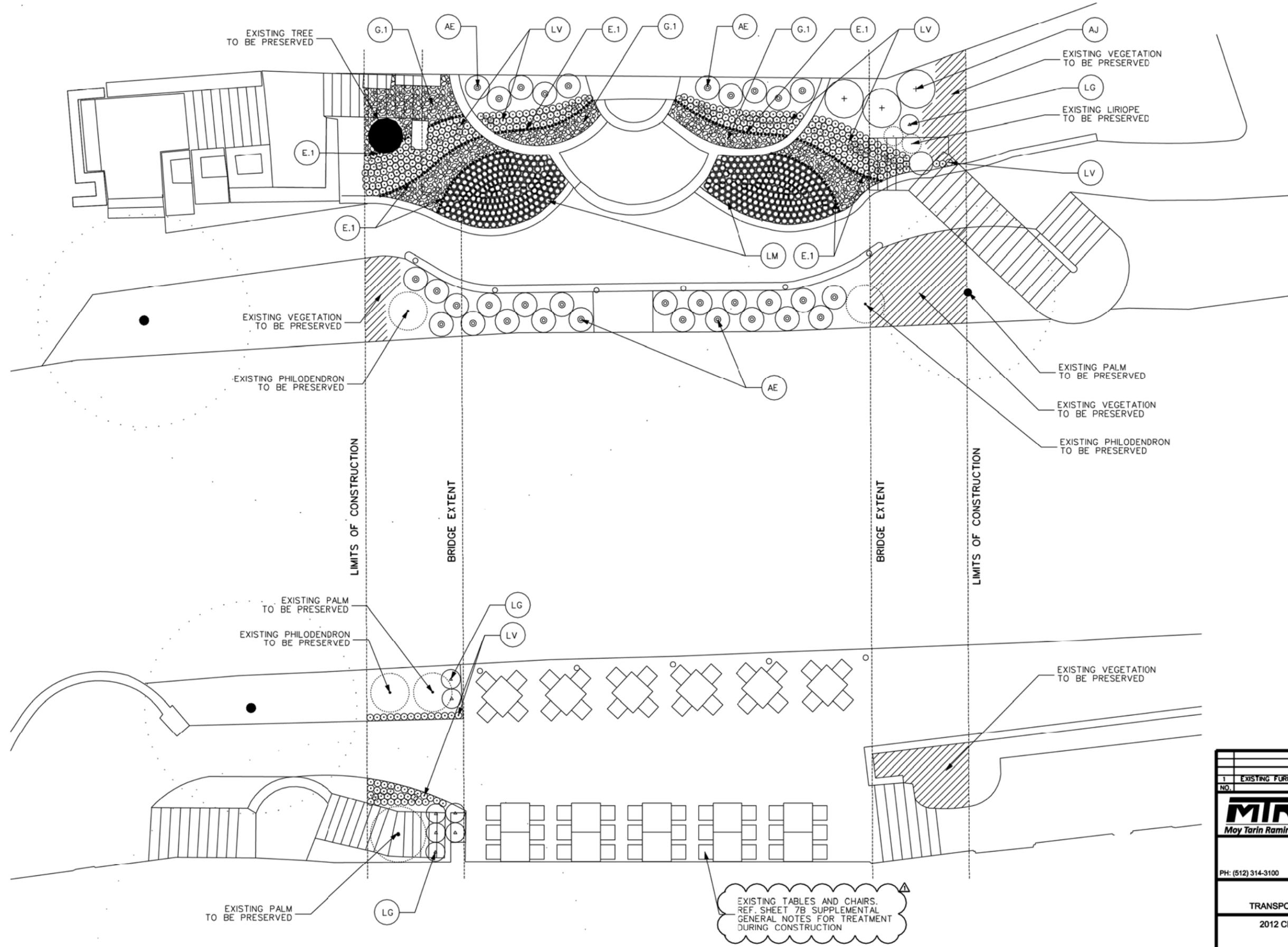


NO.	DESCRIPTION	BY	DATE
1	ADDED PORTABLE CHANGEABLE MESSAGE SIGN	JCS	3/28/2016
SANCHEZ-SALAZAR & ASSOCIATES			
TBPE FIRM REGISTRATION NO. 15685			
MTR		12770 CIMARRON PATH SUITE 100 SAN ANTONIO, TX 78249 PH: (210) 698-5051 FAX: (210) 698-5085 TBPE FIRM #F-5297	
Moy Tarin Ramirez Engineers, LLC		JACOBS	
PH: (512) 314-3100		2705 BEE CAVE ROAD, SUITE 300 AUSTIN, TEXAS 78786 FAX: (512) 314-3135	
CITY OF SAN ANTONIO TRANSPORTATION & CAPITAL IMPROVEMENTS DEPARTMENT			
2012 CITYWIDE BRIDGE PROGRAM - CROCKETT BRIDGE			
DETOUR LAYOUT			
FINAL SUBMITTAL	PROJECT NO.: WJXL7101	DATE: 1/05/16	
DRWN BY:	DSGN BY:	CHKD BY:	SHEET NO.: 10 OF 46



GENERAL NOTES

1. CONTRACTOR TO ENSURE THAT ALL EXISTING STRUCTURES TO REMAIN ARE PROTECTED DURING CONSTRUCTION.
2. REFERENCE LANDSCAPE SCHEDULE FOR PLANTING MATERIAL INFORMATION.



1 EXISTING FURNITURE CALL-OUT CHANGE		LW	3/28/16
NO.	REVISIONS	BY	DATE
MTR Moy Tarin Ramirez Engineers, LLC 12770 CIMARRON PATH SUITE 100 SAN ANTONIO, TX 78249 PH: (210) 698-5051 FAX: (210) 698-5085 TBPE FIRM #F-5297		JACOBS 2705 BEE CAVE ROAD, SUITE 300 AUSTIN, TEXAS 78760 PH: (512) 314-3100 FAX: (512) 314-3135 TBPE FIRM # 2966	
CITY OF SAN ANTONIO TRANSPORTATION & CAPITAL IMPROVEMENTS DEPARTMENT 2012 CITYWIDE BRIDGE PROGRAM - CROCKETT BRIDGE			
LANDSCAPE PLAN			
100% SUBMITTAL	PROJECT NO.: 40-00294	DATE: \$DATES	
DRWN BY: CM	DSGN BY: LW	CHKD BY: LW	SHEET NO.: 37 OF 46

FILES