City of San Antonio

TRANSPORTATION AND CAPITAL IMPROVEMENTS

ADDENDUM NO. 5

PROJECT NAME: CITYWIDE BRIDGE PROGRAM – SOUTH LAREDO PROJECT

DATE: DECEMBER 8, 2014

This addendum should be included in and be considered part of the plans and specifications for the above named project. The contractor shall be required to sign an acknowledgement of the receipt of this addendum and submit with their bid.

TCI PROJECT NO. 40-00294G

---

1. Clarification of Sheet 30 of the plans:
   - "A" Dim is 7' 3 1/2"
   - "C" Dim is 4' 8 3/8"
   - "D" Dim is 12' 0 1/8"

STATE OF TEXAS
JOSEPH COHAN
115224
LICENSED
PROFESSIONAL ENGINEER

12/8/14

JACOBS ENGINEERING GROUP INC.
#2966

City of San Antonio

TRANSPORTATION AND CAPITAL IMPROVEMENTS

RECEIPT OF ADDENDUM NUMBER(S) 5 IS HEREBY ACKNOWLEDGED FOR PLANS AND SPECIFICATIONS FOR **CITYWIDE BRIDGE PROGRAM – SOUTH LAREDO PROJECT** FOR WHICH BIDS WILL BE OPENED ON **DECEMBER 16, 2014.**

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

Company Name: _____

Address: _____

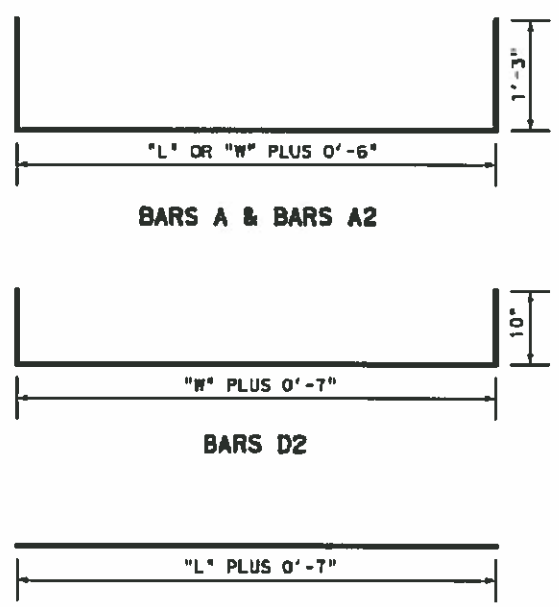
City/State/Zip Code: _____

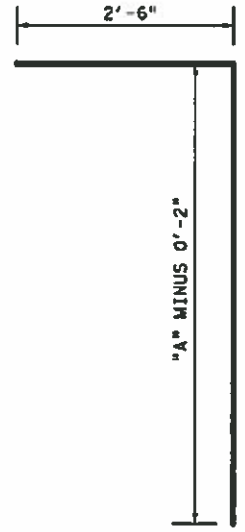
Date: _____

_____
Signature

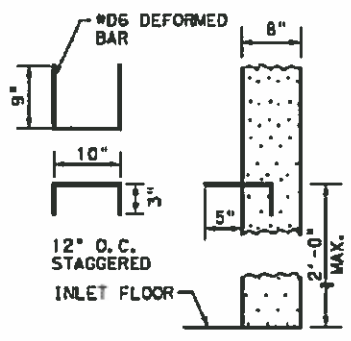
_____
Print Name/Title

DISCLAIMER:
The use of this standard is governed by the "Texas Engineering Practice Act". No warranty of any kind is made by TxDOT for any purpose whatsoever. TxDOT assumes no responsibility for the accuracy or suitability of this standard for any other formats or for incorrect results or damages resulting from its use.

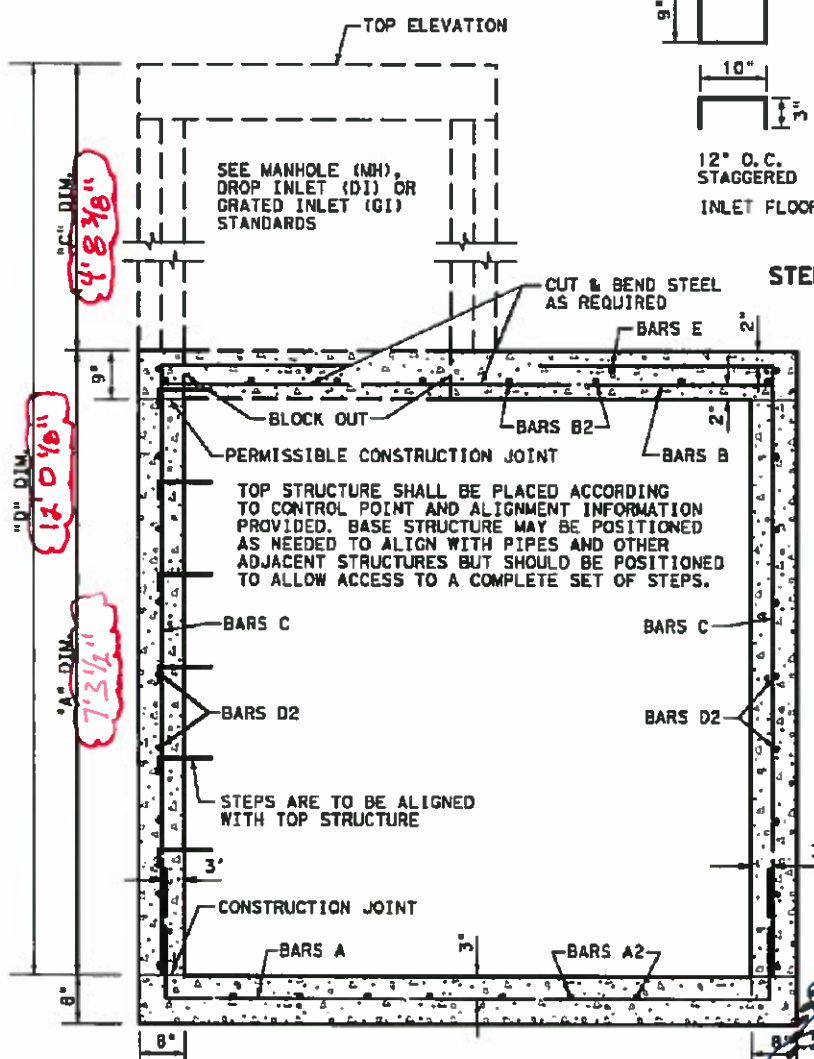




PIPE DIA.	CONC. REDUCTION ONE PIPE C.Y.
15	0.05
18	0.07
21	0.10
24	0.12
27	0.15
30	0.18
33	0.22
36	0.26
39	0.30
42	0.35
45	0.40
48	0.45
54	0.57
60	0.70
66	0.84
72	1.00

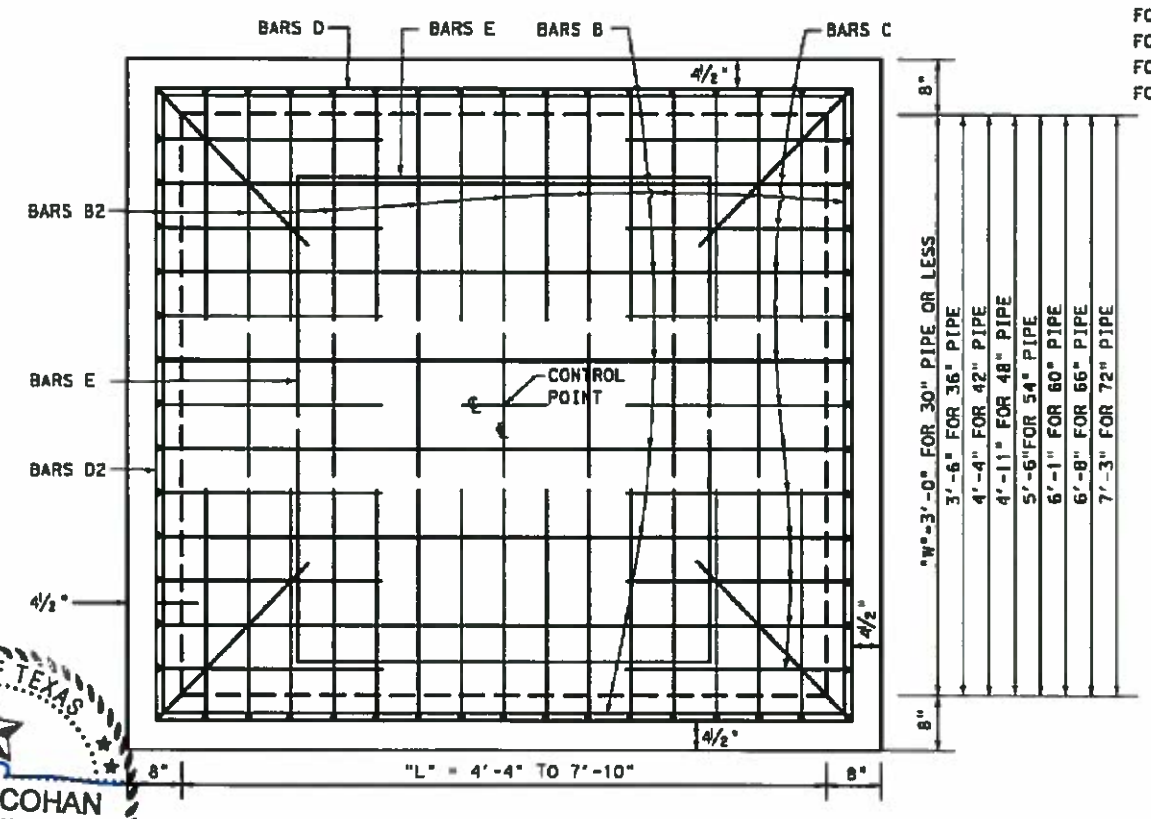


STEPS



TYPICAL SECTION - LENGTH VIEW

WIDTH VIEW SIMILAR



PLAN - TOP SLAB

(BLOCK OUT NOT SHOWN)

TABLE OF QUANTITIES WITH NO DEDUCTIONS FOR PIPES OR INLET OPENINGS

MAX. PIPE DIA.	HEIGHT OF STR. "A"	LENGTH OF STR. "L"	WIDTH OF STR. "W"	STEPS # 6 12"±		BILL OF #4 REINFORCING STEEL																			
						BARS A 12"±		BARS A2 12"±		BARS B 12"±		BARS B2 12"±		BARS C 6"±		BARS D 12"±		BARS D2 12"±		BARS E ~		REINF. STEEL LB.	CLASS A CONC. C.Y.
				No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH	No.	LENGTH		
30"	3'-9"	4'-4"	3'-0"	2	2'-10"	4	7'-4"	6	6'-0"	4	4'-10"	6	3'-6"	34	6'-1"	8	4'-11"	8	5'-3"	4	3'-6"	281	2.54
"	"	4'-11"	"	"	"	"	7'-11"		"	"	5'-5"		"	36	"	"	5'-6"	"	"	"	"	300	2.75
"	"	5'-6"	"	"	"	"	8'-6"	7	"	"	6'-0"	7	"	38	"	"	6'-1"	"	"	"	"	321	2.96
"	"	6'-1"	"	"	"	"	9'-1"	8	"	"	6'-7"	8	"	40	"	"	6'-8"	"	"	"	"	343	3.17
"	"	6'-8"	"	"	"	"	9'-8"		"	"	7'-2"		"	42	"	"	7'-3"	"	"	"	"	358	3.38
"	"	7'-3"	"	"	"	"	10'-3"	9	"	"	7'-9"	9	"	44	"	"	7'-10"	"	"	"	"	379	3.59
"	"	7'-10"	"	"	"	"	10'-10"		"	"	8'-4"		"	46	"	"	8'-5"	"	"	"	"	411	3.80
36"	4'-3"	4'-4"	3'-6"	2	2'-10"	5	7'-4"	6	6'-6"	5	4'-10"	6	4'-0"	36	6'-8"	10	4'-11"	10	5'-9"	4	4'-0"	325	2.99
"	"	4'-11"	"	"	"	"	7'-11"		"	"	5'-5"		"	38	"	"	5'-6"	"	"	"	"	351	3.23
"	"	5'-6"	"	"	"	"	8'-6"	7	"	"	6'-0"	7	"	40	"	"	6'-1"	"	"	"	"	375	3.47
"	"	6'-1"	"	"	"	"	9'-1"	8	"	"	6'-7"	8	"	42	"	"	6'-8"	"	"	"	"	399	3.71
"	"	6'-8"	"	"	"	"	9'-8"		"	"	7'-2"		"	44	"	"	7'-3"	"	"	"	"	417	3.95
"	"	7'-3"	"	"	"	"	10'-3"	9	"	"	7'-9"	9	"	46	"	"	7'-10"	"	"	"	"	441	4.19
"	"	7'-10"	"	"	"	"	10'-10"		"	"	8'-4"		"	48	"	"	8'-5"	"	"	"	"	458	4.43
42"	4'-9"	4'-11"	4'-4"	2	2'-10"	6	7'-11"	7	7'-4"	6	5'-5"	7	4'-10"	44	7'-1"	10	5'-6"	10	6'-7"	4	4'-10"	415	3.95
"	"	5'-6"	"	"	"	"	8'-6"		"	"	6'-0"		"	46	"	"	6'-1"	"	"	"	"	433	4.24
"	"	6'-1"	"	"	"	"	9'-1"	8	"	"	6'-7"	8	"	48	"	"	6'-8"	"	"	"	"	459	4.53
"	"	6'-8"	"	"	"	"	9'-8"		"	"	7'-2"		"	50	"	"	7'-3"	"	"	"	"	477	4.82
"	"	7'-3"	"	"	"	"	10'-3"	9	"	"	7'-9"	9	"	52	"	"	7'-10"	"	"	"	"	503	5.10
"	"	7'-10"	"	"	"	"	10'-10"		"	"	8'-4"		"	54	"	"	8'-5"	"	"	"	"	521	5.39
48"	5'-3"	5'-6"	4'-11"	3	2'-10"	7	8'-6"	7	7'11"	7	6'-0"	7	5'-5"	48	7'-7"	10	6'-1"	10	7'-2"	4	4'-10"	477	4.82
"	"	6'-1"	"	"	"	"	9'-1"	8	"	"	6'-7"	8	"	50	"	"	6'-8"	"	"	"	"	506	5.14
"	"	6'-8"	"	"	"	"	9'-8"		"	"	7'-2"		"	52	"	"	7'-3"	"	"	"	"	525	5.46
"	"	7'-3"	"	"	"	"	10'-3"	9	"	"	7'-9"	9	"	54	"	"	7'-10"	"	"	"	"	553	5.78
"	"	7'-10"	"	"	"	"	10'-10"		"	"	8'-4"		"	56	"	"	8'-5"	"	"	"	"	573	6.10
54"	5'-9"	6'-1"	5'-6"	3	2'-10"	7	9'-1"	8	8'-6"	7	6'-7"	8	6'-0"	52	8'-1"	12	6'-8"	12	7'-9"	4	4'-10"	562	5.85
"	"	6'-8"	"	"	"	"	9'-8"		"	"	7'-2"		"	54	"	"	7'-3"	"	"	"	"	583	6.20
"	"	7'-3"	"	"	"	"	10'-3"	9	"	"	7'-9"	9	"	56	"	"	7'-10"	"	"	"	"	614	6.56
"	"	7'-10"	"	"	"	"	10'-10"		"	"	8'-4"		"	58	"	"	8'-5"	"	"	"	"	635	6.91
60"	6'-3"	6'-8"	6'-1"	4	2'-10"	8	9'8"	8	9'-1"	8	7'-2"	8	6'-7"	54	8'-7"	12	7'-3"	12	8'-4"	4	4'-10"	638	6.90

NOTE:

FOR 36" DIAMETER INLET OPENING DEDUCT 0.20 C.Y. CONCRETE.
FOR 48" DIAMETER INLET OPENING DEDUCT 0.35 C.Y. CONCRETE.
FOR 3' X 2' INLET OPENING DEDUCT 0.17 C.Y. CONCRETE.
FOR 3' X 3' INLET OPENING DEDUCT 0.25 C.Y. CONCRETE.
FOR 3'- 4"X 3' INLET OPENING DEDUCT 0.28 C.Y. CONCRETE.

GENERAL NOTES:

1. ALL CONCRETE SHALL BE CLASS "A".
2. DIMENSIONS RELATING TO REINFORCING STEEL ARE TO CENTER OF BARS.
3. FIELD CUT AND BEND BARS AS REQUIRED TO ACCOMMODATE PIPES AND INLET EXTENSIONS.
4. CONSTRUCTION JOINT AT FLOWLINE MAY BE RAISED A MAXIMUM OF 6" AT OPTION OF THE CONTRACTOR. ADJUST LENGTH OF VERTICAL STEEL AS REQUIRED WITH A 20 DIAMETER LAP.
5. WHERE IT IS CONSIDERED NECESSARY, BARS CUT OUT TO PROVIDE OPENINGS FOR PIPE MAY BE BENT AND USED TO PROVIDE A BETTER TIE FOR EXTENSIONS AND PIPE AS DIRECTED BY THE ENGINEER.
6. WHEN STRUCTURE IS COMBINED WITH UPPER STRUCTURE, THE STRUCTURE LOCATION SHOWN IN THE PLANS REFERS TO THE CONTROL POINT OF THE UPPER STRUCTURE. WHEN STRUCTURE IS NOT COMBINED WITH UPPER STUCTURE, THE LOCATION SHOWN IN THE PLANS REFERS TO THE CONTROL POINT SHOWN ON THIS SHEET.
7. WHEN USED WITH INLET OR MANHOLE, MEASURE AND PAY FOR JUNCTION BOX AND INLET OR MANHOLE BOX SEPARATELY.

STATE OF TEXAS
JOSEPH COHAN
115224
LICENSED
PROFESSIONAL ENGINEER
12/8/14

REVISIONS: 13.03: added note to pay for inlet or manhole separately

Texas Department of Transportation
FORT WORTH DISTRICT

© 2002 by Texas Department of Transportation
All Rights Reserved

JUNCTION BOX STRUCTURE
TYPE 2
JB-2-02 (FW)

CHRG DRGN DATE: 8/02	DESIGN:	FED. REG.	STATE	PROJ NO.			HIGHWAY
	CHECKED:	6	TEXAS				
	DRAWN:	DISTRICT	COUNTY	CONTROL	SECTION	JOB	SHEET
	CHECKED:	FTW					30

http://www.dot.state.tx.us/ftw/specinfo/standard.htm jb202fw.dgn
P:\WJXL7200 COSA S LAREDO BRIDGE\700 WORKING DOCUMENTS\740 SHEETS\JUNCTIONBOX.DWG
LEVELS DISPLAYED 1 2 3 5 7