



PUBLIC WORKS
Engineering

DATE:
February 23, 2026

TO:
Plan Holders
Contractors

FROM:
Jenna Richardson
918-596-9637
jennarichardson@cityoftulsa.org

EMAIL TRANSMITTAL

ADDENDUM NO. 5

**PROJECT NO. 144754, TMUA-W 17-08, & SW 11180
NON-ARTERIAL STREET MAINTENANCE & WATERLINE REPLACEMENT
AT VARIOUS LOCATIONS IN MAINTENANCE ZONE 7054**

Number of pages: **11**

All addenda to the contract documents should be denoted on the last page of the Proposal in the space provided.

Thank you,
Contract Administration

DATE:
February 23, 2026

ADDENDUM NO. 5
TO
PROJECT NO. 144754, TMUA -W 17-08
NASM ZONE 7054

This Addendum No. 5 consists of three (3) items, submitted by Poe and Associates, Inc. is hereby made a part of the Contract Documents to the same extent as though they were originally included therein and shall supersede anything contained in the Plans and Specifications with which it might conflict.

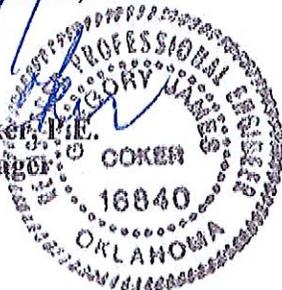
Addendum No. 5 consists of the following:

1. Replace Plan sheet No. 2 and 25 which revises pay quantities for item no. 4, 12, 39, and added notes to plan sheet 25.
2. Revise Electronic Bid Proposal
3. Revision / Clarification on COT Standard 790 "Standard Sidewalk Ramps". Attached COT 790 shall be part of the project.

All other provisions of the Plans and Specifications shall remain in full force and effect.

Poe and Associates, Inc.


Gregory Coker, P.E.
Project Manager



ELECTRONIC BID PROPOSAL INSTRUCTIONS - EXCEL SPREADSHEET
PROJECT NO: 144754, TMUA-W 17-08, SW 11180
NON-ARTERIAL STREET MAINTENANCE ZONE 7054

Please read the following instructions carefully.

1. After opening this file re-save it as your company's name.
2. Open the BID FORM Sheet from the tabs below.
3. Input the unit price of the appropriate pay item in the cells highlighted in blue.
4. Review all data input and check calculations to ensure accuracy of Bid.
5. Print 1hardcopy of the "PROPOSAL" tab, BID FORM and the "SIGNATURE PAGE" tab.
6. Complete and sign the "Signature Page" document.
6. Submit hardcopy and electronic disk with Contract Documents and Specifications for Bid opening date.

LEGEND

- \$ 1.00 Cells Requiring Data Input.
- \$ 1.00 Internal Data Transfer.
- \$ 2.00 Calculated Results.

AGREEMENT FOR USING ELECTRONIC BID PROPOSAL

By and Between: **Poe and Associates, Inc.**, (ENGINEER) and RECIPIENT. The enclosed electronic media is provided pursuant to your request and is for your limited use in connection with your submittal of Bid Proposal for Project No. **144754, TMUA-W 17-08, SW 11180**. In no event shall the information be used for any other purpose or be released to third parties without the written consent of the ENGINEER. In the event of a discrepancy between the hard copy and this electronic media at delivery or in the future, the hard copy shall govern. ENGINEER hereby disclaims any and all liability for the consequences from use of the electronic media and makes no warranty or guarantee of accuracy. RECIPIENT shall assume full responsibility for the uses and consequences of the electronic media. It is agreed that ENGINEER has and retains ownership of the electronic media. ENGINEER does not warrant or guarantee that the electronic data is compatible with RECIPIENT'S computer hardware or software, and ENGINEER'S responsibility for the electronic media is limited to replacement of defective media for a period of thirty (30) days after delivery to RECIPIENT. !!! By opening and using this FILE, You AGREE to these TERMS AND CONDITIONS!!!

PROPOSAL
PROJECT NO: 144754, TMUA-W 17-08, SW 11180
NON-ARTERIAL STREET MAINTENANCE ZONE 7054

TO: HONORABLE MAYOR
CITY OF TULSA, OKLAHOMA

THE UNDERSIGNED BIDDER, having carefully examined the drawings, specifications, and other Contract Documents of the above project presently on file in the City Clerk, City of Tulsa Oklahoma:

CERTIFIES THAT he has inspected the site of the proposed work and has full knowledge of the extent and character of the work involved, construction difficulties that may be encountered, and materials necessary for construction, class and type of excavation, and all other factors affecting or which may be affected by the specified work; and

CERTIFIES THAT he has not entered into collusion with any other bidder or prospective bidder relative to the project and/or bid: and

HEREBY PROPOSES: to enter into a contract to provide all necessary labor, materials, equipment and tools to completely construct and finish all the work required by the Contract Documents hereto attached and other documents referred to therein: to complete said work within **540** calendar days after the work order is issued; and to accept in full payment therefore the amount set forth below for all work actually performed as computed by the Engineer as set forth in the Contract.

Basis of Award

THE BID PROPOSAL INCLUDES A BASE BIDS FOR ROADWAY WITH TWO STORMWATER PIPE MATERIAL OPTIONS AND A WATERLINE BASE BID WITH THREE MATERIAL OPTIONS. THE BIDDER SHALL BID ALL MATERIAL OPTIONS. IT SHOULD BE BE NOTED THAT THE LOWEST RESPONSIBLE BID SHALL BE DETERMINED BY THE TOTAL BASE BIDS WITH THE LOWEST ROADWAY MATERIAL OPTION AND LOWEST WATERLINE MATERIAL OPTION. ANY PROPOSAL SUBMITTED WITH EITHER BID OPTION INCOMPLETE SHALL BE CONSIDERED NON-RESPONSIVE. THE CITY OF TULSA RESERVES THE RIGHT TO SELECT ANY MATERIAL OPTION IN THE EVENT THE BID COSTS OF THE MATERIAL OPTIONS ARE EQUAL.

Note: - Item numbers omitted are not a part of the Contract.

PROPOSAL
PROJECT 144754, TMUA-W 17-08, SW 11180
NON-ARTERIAL STREET MAINTENANCE ZONE 7054

Item Number	Specification Number	Pay Item Description	Bid Unit	Quantity	DATA INPUT	
					Unit Price	Cost
Roadway Base Bid						
1	202(A)	UNCLASSIFIED EXCAVATION	CY	11,828	\$0.00	\$0.00
2	220	SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1	\$0.00	\$0.00
3	230(A)	SOLID SLAB SODDING	SY	4,667	\$0.00	\$0.00
4	303(A)	AGGREGATE BASE TYPE A	CY	12,164	\$0.00	\$0.00
5	310(B)	SUBGRADE METHOD B	SY	31,178	\$0.00	\$0.00
6	325	SEPARATOR FABRIC	SY	45,118	\$0.00	\$0.00
7	326(B)	GEOGRID REINFORCEMENT	SY	30,500	\$0.00	\$0.00
8	409	FABRIC REINFORCEMENT	SY	61,209	\$0.00	\$0.00
9	411(B)	SUPERPAVE, TYPE S3 (PG 64-22)	TON	4,246	\$0.00	\$0.00
10	411(C)	SUPERPAVE, TYPE S4 (PG 64-22) INSOLUBLE	TON	8,898	\$0.00	\$0.00
11	412	COLD MILL PAVEMENT	SY	62,856	\$0.00	\$0.00
12	609(B)	COMBINED CURB AND GUTTER (6" BARRIER)	LF	8,300	\$0.00	\$0.00
13	610(A)	4" CONCRETE SIDEWALK	SY	1,792	\$0.00	\$0.00
14	610(B)	6" CONCRETE DRIVEWAY (H.E.S.)	SY	1,854	\$0.00	\$0.00
15	610(D)	7" VALLEY GUTTER	SY	960	\$0.00	\$0.00
16	610(I)	TACTILE WARNING DEVICE	SF	800	\$0.00	\$0.00
17	611(A)	MANHOLE 4' DIA., COMPLETE IN PLACE	EA	12	\$0.00	\$0.00
18	611(A)	MANHOLE 5' DIA., COMPLETE IN PLACE	EA	4	\$0.00	\$0.00
19	611(A)	MANHOLE 6' DIA., COMPLETE IN PLACE	EA	5	\$0.00	\$0.00
20	611(B)	ADDITIONAL DEPTH IN MANHOLES, 4' DIA. (STORM SEWER)	VF	4	\$0.00	\$0.00
21	611(B)	ADDITIONAL DEPTH IN MANHOLES, 6' DIA. (STORM SEWER)	VF	4	\$0.00	\$0.00
22	611(G)	INLET CICI, DESIGN NO. 2(STD), COMPLETE IN PLACE	EA	34	\$0.00	\$0.00
23	611(G)	INLET CICI, DESIGN NO. 2(A), COMPLETE IN PLACE	EA	2	\$0.00	\$0.00
24	611(G)	INLET CICI, DESIGN NO. 2(B), COMPLETE IN PLACE	EA	1	\$0.00	\$0.00
25	611(G)	INLET CICI, DESIGN NO. 2(STD) W/ SMALL JUNCTION BOX, COMPLETE IN PLACE	EA	2	\$0.00	\$0.00
26	611(G)	INLET CICI, DESIGN NO. 2(STD) W/ LARGE JUNCTION BOX, COMPLETE IN PLACE	EA	1	\$0.00	\$0.00
27	611(G)	INLET CICI, DESIGN NO. 4(STD), COMPLETE IN PLACE	EA	13	\$0.00	\$0.00
28	611(K)	REPLACEMENT OF INLET GRATE (TYPE VG-F)	EA	17	\$0.00	\$0.00
29	611(H)	ADDITIONAL DEPTH IN INLET (CICI DES. 2(STD))	VF	17	\$0.00	\$0.00
30	612(A)	MANHOLE ADJUSTED TO GRADE (PUBLIC)	EA	35	\$0.00	\$0.00
31	612(E)	VALVE BOXES ADJUSTED TO GRADE	EA	28	\$0.00	\$0.00
32	612(F)	METER BOXES ADJUSTED TO GRADE	EA	14	\$0.00	\$0.00
33	618(A)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LSUM	1	\$0.00	\$0.00
34	619(B)	REMOVAL OF EXISTING PAVEMENT	SY	14,894	\$0.00	\$0.00
35	619(B)	REMOVAL OF MANHOLES	EA	14	\$0.00	\$0.00
36	619(B)	REMOVAL OF DRIVEWAY	SY	1,854	\$0.00	\$0.00
37	619(B)	REMOVAL OF SIDEWALK	SY	1,792	\$0.00	\$0.00
38	619(B)	REMOVAL OF EXISTING PIPE	LF	2,749	\$0.00	\$0.00
39	619(B)	REMOVAL OF EXISTING CURB AND GUTTER	LF	8,900	\$0.00	\$0.00
40	COT 625	REMOVAL OF TRAFFIC ITEMS	EA	1	\$0.00	\$0.00
41	641	MOBILIZATION	LSUM	1	\$0.00	\$0.00
42	642	CONSTRUCTION STAGING	EA	1	\$0.00	\$0.00
43	COT 608	GROUND SIGNS	SF	370	\$0.00	\$0.00
44	COT 608	1-1/2" SIGN POST	LF	17	\$0.00	\$0.00
45	COT 608	1-3/4" SIGN POST	LF	723	\$0.00	\$0.00
46	COT 608	2" SIGN POST	LF	228	\$0.00	\$0.00
47	613(A)	RCP, 18 INCH ROUND, COMPLETE IN PLACE	LF	191	\$0.00	\$0.00
48	613(A)	RCP, 24 INCH ROUND, COMPLETE IN PLACE	LF	230	\$0.00	\$0.00
49	880(B)	SIGNS 0.00 TO 8.25 SF	SD	15,000	\$0.00	\$0.00
50	880(B)	SIGNS 8.26 TO 15.99 SF	SD	35,000	\$0.00	\$0.00
51	880(B)	SIGNS 16.00 AND UP	SD	2,500	\$0.00	\$0.00
52	880(C)	BARRICADES (TYPE II)	SD	5,000	\$0.00	\$0.00
53	880(C)	BARRICADES (TYPE III)	SD	20,000	\$0.00	\$0.00
54	880(E)	TYPE "A" WARNING LIGHT	SD	50,000	\$0.00	\$0.00
55	880(E)	TYPE "C" WARNING LIGHT	SD	5,000	\$0.00	\$0.00
56	880(F)	DRUMS	SD	15,000	\$0.00	\$0.00
57	880(G)	TUBE CHANNELIZERS	SD	10,000	\$0.00	\$0.00
58	880(H)	CONES	SD	10,000	\$0.00	\$0.00
59	COT 202	QUICK SET FLOWABLE FILL	CY	20	\$0.00	\$0.00
60	COT 335	CONTRACTOR'S QUALITY CONTROL	LSUM	1	\$0.00	\$0.00
61	COT 334	CONSTRUCTION AS BUILTS	LSUM	1	\$0.00	\$0.00
62	SPECIAL	PROJECT SIGN (CITY OF TULSA)	EA	2	\$0.00	\$0.00
63	SPECIAL	TYPE I AC PATCH	CY	3,763	\$0.00	\$0.00
64	SPECIAL	CURB RAMP	EA	90	\$0.00	\$0.00
65	SPECIAL	URBAN RIGHT-OF-WAY RESTORATION	EA	1	\$0.00	\$0.00
66	SPECIAL	OWNER ALLOWANCE	ALLOW	100,000	\$1.00	\$100,000.00
67	SPECIAL	ASPHALT SPEED HUMP	EA	5	\$0.00	\$0.00
TOTAL ROADWAY BASE BID						\$100,000.00

STORMWATER PIPE OPTION A (RCP)

68	613(A)	RCP, 18 INCH ROUND, COMPLETE IN PLACE	LF	280	\$0.00	\$0.00
69	613(A)	RCP, 24 INCH ROUND, COMPLETE IN PLACE	LF	872	\$0.00	\$0.00
70	613(A)	RCP, 30 INCH ROUND, COMPLETE IN PLACE	LF	332	\$0.00	\$0.00
71	613(A)	RCP, 36 INCH ROUND, COMPLETE IN PLACE	LF	761	\$0.00	\$0.00
72	613(A)	RCP, 42 INCH ROUND, COMPLETE IN PLACE	LF	12	\$0.00	\$0.00
TOTAL STORMWATER OPTION 1 (RCP)						\$0.00

STORMWATER PIPE OPTION B (CPP)

73	(SP) COT 215	CPP, 18 INCH ROUND, COMPLETE IN PLACE	LF	280	\$0.00	\$0.00
74	(SP) COT 215	CPP, 24 INCH ROUND, COMPLETE IN PLACE	LF	872	\$0.00	\$0.00
75	(SP) COT 215	CPP, 30 INCH ROUND, COMPLETE IN PLACE	LF	332	\$0.00	\$0.00
76	(SP) COT 215	CPP, 36 INCH ROUND, COMPLETE IN PLACE	LF	761	\$0.00	\$0.00
77	(SP) COT 215	CPP, 42 INCH ROUND, COMPLETE IN PLACE	LF	12	\$0.00	\$0.00
TOTAL STORMWATER OPTION 2 (CPP)						\$0.00

						DATA INPUT	
Item	Specification		Bid				
Item Number	Specification Number	Pay Item Description	Bid Unit	Quantity	Unit Price	Cost	
Waterline Base Bid							
78	220	SWPPP DOCUMENTATION AND MANAGEMENT	LS	1	\$0.00	\$0.00	
79	COT 301	RIGHT-OF-WAY CLEARING AND RESTORING, COMPLETE IN PLACE	SY	628	\$0.00	\$0.00	
80	COT 302	EXCAVATION AND BACKFILL, UNCLASSIFIED	CY	837	\$0.00	\$0.00	
81	COT 303	MOBILIZATION	LS	1	\$0.00	\$0.00	
82	642	CONSTRUCTION STAKING LEVEL II	EA	1	\$0.00	\$0.00	
83	COT 312(A)	8" D.I. 11-1/4 DEGREE BEND (RJ)	EA	2	\$0.00	\$0.00	
84	COT 312(B)	8" D.I. 11-1/4 DEGREE BEND (RJ)	EA	4	\$0.00	\$0.00	
85	COT 312(C)	8" D.I. 22-1/2 DEGREE BEND (RJ)	EA	14	\$0.00	\$0.00	
86	COT 312(D)	8" D.I. 22-1/2 DEGREE BEND (RJ)	EA	5	\$0.00	\$0.00	
87	COT 312(E)	8" D.I. 45 DEGREE BEND (RJ)	EA	26	\$0.00	\$0.00	
88	COT 312(F)	8" D.I. 45 DEGREE BEND (RJ)	EA	18	\$0.00	\$0.00	
89	COT 312(G)	12" X 8" D.I. TEE (RJ)	EA	1	\$0.00	\$0.00	
90	COT 312(H)	8" X 6" D.I. TEE (RJ)	EA	1	\$0.00	\$0.00	
91	COT 312(I)	8" X 6" D.I. TEE (RJ)	EA	4	\$0.00	\$0.00	
92	COT 312(J)	8" D.I. SLEEVE (RJ)	EA	6	\$0.00	\$0.00	
93	COT 312(K)	8" D.I. SLEEVE (RJ)	EA	3	\$0.00	\$0.00	
94	COT 312(L)	8" D.I. PLUG (RJ)	EA	7	\$0.00	\$0.00	
95	COT 312(M)	8" D.I. PLUG (RJ)	EA	6	\$0.00	\$0.00	
96	COT 315(A)	3/4" WATER METER CAN, LID & RIM	EA	34	\$0.00	\$0.00	
97	COT 315(B)	PRIVATE SERVICE CONNECTION BY LICENSED BONDED PLUMBER	EA	3	\$0.00	\$0.00	
98	COT 317(A)	8" GATE VALVE (RJ)	EA	4	\$0.00	\$0.00	
99	COT 317(B)	8" GATE VALVE (RJ)	EA	3	\$0.00	\$0.00	
100	COT 317(D)	3-WAY FIRE HYDRANT, IN PLACE	EA	3	\$0.00	\$0.00	
101	COT 317(F)	12 INCH FIRE HYDRANT EXTENSION	EA	3	\$0.00	\$0.00	
102	COT 318(A)	VALVE BOX	EA	6	\$0.00	\$0.00	
103	COT 318(B)	VALVE BOX EXTENSION	VF	6	\$0.00	\$0.00	
104	COT 325	SOD REPLACEMENT, LIKE KIND	SY	500	\$0.00	\$0.00	
105	COT 328	8" BORE	LF	488	\$0.00	\$0.00	
106	COT 328	8" BORE	LF	512	\$0.00	\$0.00	
107	COT 329(A)	PAVEMENT, REMOVAL AND REPLACEMENT (ASPHALT)	SY	93	\$0.00	\$0.00	
108	COT 329(B)	PAVEMENT, REMOVAL AND REPLACEMENT (CURB & GUTTER)	LF	5	\$0.00	\$0.00	
109	COT 329(C)	DRIVEWAY, REMOVAL AND REPLACEMENT (6" CONC.)	SY	300	\$0.00	\$0.00	
110	COT 329(D)	SIDEWALK, REMOVAL AND REPLACEMENT (4" & 6" CONC.)	SY	414	\$0.00	\$0.00	
111	COT 333	8" WATERLINE ABANDONMENT	LF	1,000	\$0.00	\$0.00	
112	COT 333	8" WATERLINE ABANDONMENT	LF	500	\$0.00	\$0.00	
113	COT 335	CONTRACTORS QUALITY CONTROL	LS	1	\$0.00	\$0.00	
114	SPECIAL	CONSTRUCTION AS-BUILT	EA	1	\$0.00	\$0.00	
115	SPECIAL	TRAFFIC CONTROL	CD	60	\$0.00	\$0.00	
116	SPECIAL	OWNER ALLOWANCE	ALLOW	50,000	\$1.00	\$50,000.00	
						WATERLINE BASE BID SUBTOTAL	\$50,000.00
ALTERNATE "A" DIP							
117	COT 307(A)	8" DIP, CL 51 POLYETHYLENE WRAPPED, (RJ)	LF	1,238	\$0.00	\$0.00	
118	COT 307(B)	8" DIP, CL 51 POLYETHYLENE WRAPPED	LF	264	\$0.00	\$0.00	
119	COT 307(C)	8" DIP, CL 51 POLYETHYLENE WRAPPED, (RJ)	LF	969	\$0.00	\$0.00	
120	COT 307(D)	8" DIP, CL 51 POLYETHYLENE WRAPPED	LF	358	\$0.00	\$0.00	
121	COT 315(A)	3/4" WATER SERVICE CONNECTION (SHORT)	EA	34	\$0.00	\$0.00	
						BASE BID WITH ALTERNATE A (DIP)	\$0.00
ALTERNATE "B" PVC							
122	COT 309(A)	8" PVC, AWWA C900, CLASS 200, DR-14, (RJ)	LF	1,238	\$0.00	\$0.00	
123	COT 309(B)	8" PVC, AWWA C900 CLASS 200, DR-14	LF	264	\$0.00	\$0.00	
124	COT 309(C)	8" PVC, AWWA C900, CLASS 200, DR-14, (RJ)	LF	969	\$0.00	\$0.00	
125	COT 309(D)	8" PVC, AWWA C900, CLASS 200, DR-14	LF	358	\$0.00	\$0.00	
126	COT 315(A)	3/4" WATER SERVICE CONNECTION (SHORT)	EA	34	\$0.00	\$0.00	
						BASE BID WITH ALTERNATE B (PVC)	\$0.00
ALTERNATE "C" HDPE							
127	COT 309A	8" HDPE, AWWA C906, PE4710, DR-11 (DIPS)	LF	1,502	\$0.00	\$0.00	
128	COT 309A	10" HDPE, AWWA C906, PE4710, DR-11 (DIPS)	LF	1,327	\$0.00	\$0.00	
129	COT 312(A)	8" HDPE M.J ADAPTOR (DIPS) (RJ)	EA	8	\$0.00	\$0.00	
130	COT 312(A)	10" HDPE 11-1/4 DEGREE BEND (DIPS)	EA	2	\$0.00	\$0.00	
131	COT 312(A)	8" HDPE 22-1/2 DEGREE BEND (DIPS)	EA	14	\$0.00	\$0.00	
132	COT 312(A)	10" HDPE 22-1/2 DEGREE BEND (DIPS)	EA	3	\$0.00	\$0.00	
133	COT 312(A)	8" HDPE 45 DEGREE BEND (DIPS)	EA	19	\$0.00	\$0.00	
134	COT 312(A)	10" HDPE 45 DEGREE BEND (DIPS)	EA	13	\$0.00	\$0.00	
135	COT 312(A)	12" X 8" HDPE TEE (DIPS)	EA	1	\$0.00	\$0.00	
136	COT 312(A)	8" X 6" HDPE TEE (DIPS)	EA	1	\$0.00	\$0.00	
137	COT 312(I)	8" X 6" D.I. REDUCER (RJ)	EA	2	\$0.00	\$0.00	
138	COT 312(K)	10" X 8" D.I. REDUCER (RJ)	EA	6	\$0.00	\$0.00	
139	COT 315(A)	3/4" WATER SERVICE CONNECTION (SHORT)	EA	34	\$0.00	\$0.00	
140	COT 317(B)	8" GATE VALVE (RJ)	EA	1	\$0.00	\$0.00	
141	SPECIAL	8" HDPE WALL ANCHOR (DIPS)(RJ), COMPLETE IN PLACE	EA	6	\$0.00	\$0.00	
						BASE BID WITH ALTERNATE C (HDPE)	\$0.00

Total Roadway Base Bid	<u>\$100,000.00</u>
Roadway Base Bid With Pipe Option 1 (RCP)	<u>\$100,000.00</u>
Roadway Base Bid With Pipe Option 2 (CPP)	<u>\$100,000.00</u>
Total Roadway Base Bid & Lowest Stormwater Material Option	<u>\$100,000.00</u>
Waterline Base Bid Subtotal	<u>\$50,000.00</u>
WL Base Bid With Alternate A (DIP)	<u>\$50,000.00</u>
WL Base Bid With Alternate B (PVC)	<u>\$50,000.00</u>
WL Base Bid With Alternate C (HDPE)	<u>\$50,000.00</u>
Total Waterline Base Bid & Lowest Material Alternate	<u>\$50,000.00</u>
Total Roadway Base and Waterline Base with Lowest Stormwater Material Option and Lowest Waterline Alternate	<u>\$150,000.00</u>

SIGNATURE PAGE
PROJECT NO: 144754, TMUA-W 17-08, SW 11180
NON-ARTERIAL STREET MAINTENANCE ZONE 7054

TOTAL BID (Roadway and Waterline Base Bid with the lowest Pipe Option and Material Alternate) \$150,000.00

Enclosed is a () Bidder's Surety Bond, () Certified Check, () Cashier's Check for
_____ Dollars (\$ _____)
Figures

which the City of Tulsa may retain or recover as liquidated damages in the event that the undersigned fails to enter into contract for the work covered by this proposal., provided the Contract is awarded to the undersigned within thirty (30) days, or within ninety (90) days if Federal funds are utilized, from the date fixed for opening of bids and the undersigned fails to execute said Contract and furnish the required bonds and other requirements as called for in these Contract Documents within thirty (30) days after award of Contract.

Dated at Tulsa, Oklahoma, this _____ day of _____, 20__.

Respectfully submitted,

(Complete legal name of company)

(State of Organization)

By:

ATTEST:

Title:

Title: Corporate Secretary

(SEAL)

Address: _____

Telephone Number: _____

Fax Number: _____

The undersigned acknowledge receipt of the following Addenda (give number and date of each):

I:\303892-7054\Plan Sheets\Value Engineering\VE_303892-Pay Quantities-Notes.dgn 2/4/2026 - 09:43AM

SUMMARY OF ROADWAY QUANTITIES - BASE BID					
ITEM	SPEC. NO.	DESCRIPTION	PAY ITEM NOTES	UNIT	QUANTITY
1	202(A)	UNCLASSIFIED EXCAVATION	(E-3.4) R-1	CY	11,928
2	220	SWPPP DOCUMENTATION AND MANAGEMENT	(E-6.7,8,9)	LSUM	1
3	230(A)	SOLID SLAB SODDING	(E-10,11)	SY	4,667
4	303(A)	AGGREGATE BASE TYPE A	(S-1,2)	CY	12,164
5	310(B)	SUBGRADE METHOD B		SY	31,178
6	325	SEPARATOR FABRIC	S-3	SY	45,118
7	326(B)	GEOGRID REINFORCEMENT		SY	30,500
8	409	FABRIC REINFORCEMENT	S-4	SY	61,209
9	411(B)	SUPERPAVE, TYPE S3 (PG 64-22)	(S-5,6,7,8,19,23)	TON	4,246
10	411(C)	SUPERPAVE, TYPE S4 (PG 64-22) INSOLUBLE	(S-5,6,7,8,19,23)	TON	8,698
11	412	COLD MILL PAVEMENT	S-9	SY	62,856
12	609(B)	COMBINED CURB AND GUTTER (6" BARRIER)	(S-12,13,15,16)	LF	8,900
13	610(A)	4" CONCRETE SIDEWALK	SP-1, (S-12,13,15,16)	SY	1,792
14	610(B)	6" CONCRETE DRIVEWAY (H.E.S.)	(S-12,13,16,17,23)	SY	1,854
15	610(D)	7" VALLEY GUTTER	(S-12,13,16)	SY	960
16	610(I)	TACTILE WARNING DEVICE		SF	800
17	611(A)	MANHOLE 4' DIA., COMPLETE IN PLACE	(D-1,2,3,4,5)	EA	12
18	611(A)	MANHOLE 5' DIA., COMPLETE IN PLACE	(D-1,2,3,4,5)	EA	4
19	611(A)	MANHOLE 6' DIA., COMPLETE IN PLACE	(D-1,2,3,4,5)	EA	5
20	611(B)	ADDITIONAL DEPTH IN MANHOLES, 4' DIA. (STORM SEWER)	D-4	VF	4
21	611(B)	ADDITIONAL DEPTH IN MANHOLES, 6' DIA. (STORM SEWER)	D-4	VF	4
22	611(G)	INLET C/C, DESIGN NO. 2(STD), COMPLETE IN PLACE	(D-1,2,3,7,8,9,11)	EA	34
23	611(G)	INLET C/C, DESIGN NO. 2(A), COMPLETE IN PLACE	(D-1,2,3,7,8,9,11)	EA	2
24	611(G)	INLET C/C, DESIGN NO. 2(B), COMPLETE IN PLACE	(D-1,2,3,7,8,9,11)	EA	1
25	611(G)	INLET C/C, DESIGN NO. 2(STD) W/ SMALL JUNCTION BOX, COMPLETE IN PLACE	(D-1,2,3,7,8,9,11)	EA	2
26	611(G)	INLET C/C, DESIGN NO. 2(STD) W/ LARGE JUNCTION BOX, COMPLETE IN PLACE	(D-1,2,3,7,8,9,11)	EA	1
27	611(G)	INLET C/C, DESIGN NO. 4(STD), COMPLETE IN PLACE	(D-1,2,3,7,8,9,11)	EA	13
28	611(H)	ADDITIONAL DEPTH IN INLET (C/C DES. 2(STD))	(D-1,2,3,7,8,9,10)	VF	17
29	611(K)	REPLACEMENT OF INLET GRATE (TYPE V G-F)	(D-1,2,3,7,8,9,10)	EA	17
30	612(A)	MANHOLE ADJUSTED TO GRADE (PUBLIC)	S-12 (R-2) (D-1,2,6)	EA	35
31	612(E)	VALVE BOXES ADJUSTED TO GRADE	S-12 (R-2) (D-6)	EA	28
32	612(F)	METER BOXES ADJUSTED TO GRADE	S-12 (R-2) (D-6)	EA	14
33	619(A)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(R-1,3,4,5)	LSUM	1
34	619(B)	REMOVAL OF EXISTING PAVEMENT	(R-1,2,5)	SY	14,694
35	619(B)	REMOVAL OF MANHOLES	(R-1,2,5,6)	EA	14
36	619(B)	REMOVAL OF DRIVEWAY	S-22 (R-1,2,5)	SY	1,854
37	619(B)	REMOVAL OF SIDEWALK	(R-1,2,5)	SY	1,792
38	619(B)	REMOVAL OF EXISTING PIPE	(R-1,2,5,6)	LF	2,749
39	619(B)	REMOVAL OF EXISTING CURB AND GUTTER	(R-1,2,5)	LF	8,900
40	COT 625	REMOVAL OF TRAFFIC ITEMS	T-1	EA	1
41	641	MOBILIZATION	G-2	LSUM	1
42	642	CONSTRUCTION STAKING LEVEL II	(G-3,4)	EA	1
43	COT 608	GROUND SIGNS	T-2	SF	370
44	COT 608	1-1/2" SIGN POST		LF	17
45	COT 608	1-3/4" SIGN POST		LF	723
46	COT 608	2" SIGN POST		LF	222
47	613(A)	RCP, 18 INCH ROUND, COMPLETE IN PLACE	(D-12,13)	LF	191
48	613(A)	RCP, 24 INCH ROUND, COMPLETE IN PLACE	(D-12,13)	LF	230
49	880(B)	SIGNS 0.00 TO 6.25 SF	(T-2,4,5)	SD	15,000
50	880(B)	SIGNS 6.26 TO 15.99 SF	(T-2,4,5)	SD	35,000
51	880(B)	SIGNS 16.00 AND UP	(T-2,4,5)	SD	2,500
52	880(C)	BARRICADES (TYPE II)	(T-2,4,5)	SD	5,000
53	880(C)	BARRICADES (TYPE III)	(T-2,4,5)	SD	20,000
54	880(E)	TYPE "A" WARNING LIGHT		SD	50,000
55	880(E)	TYPE "C" WARNING LIGHT		SD	5,000
56	880(F)	DRUMS	(T-2,4,5)	SD	15,000
57	880(G)	TUBE CHANNELIZERS	(T-2,4,5)	SD	10,000
58	880(H)	CONES	(T-2,4,5)	SD	10,000
59	COT 202	QUICK SET FLOWABLE FILL	G-1	CY	20
60	COT 335	CONTRACTOR'S QUALITY CONTROL		LSUM	1
61	COT 334	CONSTRUCTION AS BULTS		LSUM	1
62	SPECIAL	PROJECT SIGN (CITY OF TULSA)	T-7	EA	2
63	SPECIAL	TYPE I AC PATCH	S-21 (G-1)	CY	3,763
64	SPECIAL	CURB RAMP		EA	90
65	SPECIAL	URBAN RIGHT-OF-WAY RESTORATION	(G-5,6,7,8,9,10)	EA	1
66	SPECIAL	OWNER ALLOWANCE		ALLOW	100,000
67	SPECIAL	ASPHALT SPEED HUMP		EA	5
STORMSEWER PIPE MATERIAL OPTION A					
68	613(A)	RCP, 18 INCH ROUND, COMPLETE IN PLACE	(D-12,13)	LF	280
69	613(A)	RCP, 24 INCH ROUND, COMPLETE IN PLACE	(D-12,13)	LF	872
70	613(A)	RCP, 30 INCH ROUND, COMPLETE IN PLACE	(D-12,13)	LF	332
71	613(A)	RCP, 36 INCH ROUND, COMPLETE IN PLACE	(D-12,13)	LF	761
72	613(A)	RCP, 42 INCH ROUND, COMPLETE IN PLACE	(D-12,13)	LF	12
STORMSEWER PIPE MATERIAL OPTION B					
73	(SP) COT 215	CPP, 18 INCH ROUND, COMPLETE IN PLACE	(D-13,14,15)	LF	280
74	(SP) COT 215	CPP, 24 INCH ROUND, COMPLETE IN PLACE	(D-13,14,15)	LF	872
75	(SP) COT 215	CPP, 30 INCH ROUND, COMPLETE IN PLACE	(D-13,14,15)	LF	332
76	(SP) COT 215	CPP, 36 INCH ROUND, COMPLETE IN PLACE	(D-13,14,15)	LF	761
77	(SP) COT 215	CPP, 42 INCH ROUND, COMPLETE IN PLACE	(D-13,14,15)	LF	12

PAY ITEM NOTES

- EARTHWORK / EROSION CONTROL / SITE PREPARATION (E1 - E11)
- E-1: NOT USED.
- E-2: NOT USED.
- E-3: THE CONTRACTOR SHALL BE PAID FOR UNCLASSIFIED EXCAVATION ON THE BASIS OF PLAN QUANTITY. ANY ADDITIONAL EXCAVATION REQUIRED OR OVERRUN OF PLAN QUANTITY WILL BE PAID FOR ON THE BASIS OF UNIT PRICE BID FOR THE ITEM. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ADEQUATE SURVEY TO VERIFY ANY ADDITIONAL QUANTITIES.
- E-4: UNCLASSIFIED EXCAVATION INCLUDES REMOVAL OF AGGREGATE BASE AND MODIFIED SUBGRADE UNDER EXISTING PAVEMENT TO BE REPAIRED.
- E-5: NOT USED.
- E-6: THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL AND MAINTENANCE OF THE STORM WATER DRAINAGE FROM THE CONSTRUCTION SITE. STORM WATER PONDING ON THE CONSTRUCTION SITE THAT IS THE RESULT OF CONSTRUCTION WILL NOT BE ALLOWED. ALL COST ASSOCIATED WITH STORM WATER MANAGEMENT, AS WELL AS REMOVAL OF ALL SILT AND DEBRIS FROM ALL DRAINAGE STRUCTURES, STORM SEWER PIPES AND APPURTENANCES WITHIN THE PROJECT LIMITS AT END OF PROJECT, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THIS ITEM.
- E-7: EROSION PROTECTION SHALL BE PLACED AS FOLLOWS:
A) AROUND INLETS TO PREVENT INFLOW OF ERODED MATERIAL INTO STORM SEWER SYSTEM;
B) IN LOCATIONS THROUGHOUT PROJECT SITE, AS DETERMINED BY THE ENGINEER, TO PREVENT WASH OF ERODED MATERIAL ONTO ADJACENT PROPERTY;
C) FOR ENTIRE DURATION OF PROJECT, WITH MAINTENANCE AND REPLACEMENTS, AS DIRECTED BY THE ENGINEER;
D) WITH PERIODIC REMOVAL OF SEDIMENT IN ACCORDANCE WITH STORMWATER MANAGEMENT PLAN.
ALL COST FOR ITEMS A-D ABOVE SHALL BE INCLUDED IN UNIT PRICE BID FOR THIS ITEM.
- E-8: PRICE BID SHALL INCLUDE MAINTENANCE, SEDIMENT REMOVAL, DISPOSAL, AND REMOVAL OF FILTERS AT PROJECT COMPLETION.
- E-9: INCLUDES 53 INLET SEDIMENT FILTERS.
- E-10: ESTIMATED QUANTITY IS BASED ON SODDING OF ALL DISTURBED AREAS OUTSIDE THE FINAL PAVING LIMITS AND WITHIN THE FINAL GRADING LIMITS AS INDICATED BY THE TOP-OF-CUT/TOE-OF-SLOPE LINE ON THE PLANS (EXCLUDING SURFACES OF STRUCTURES, FIXTURES AND APPURTENANCES). SOD SHALL BE OF LIKE-KIND TO EXISTING SOD. PRICE BID INCLUDES PLACEMENT AND COMPACTION OF SUITABLE BACKFILL. ANY EXISTING GRASSED AREAS BEYOND THE ABOVE STATED LIMITS THAT ARE DAMAGED AS A RESULT OF CONSTRUCTION OPERATIONS SHALL BE RESODDED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S SOLE EXPENSE.
- E-11: COST OF WATERING AND FERTILIZING SHALL BE INCLUDED. FERTILIZERS SHALL BE 10-20-10 AND SHALL BE APPLIED AT THE RATE OF 1.5 LBS PER 10 SQ YDS. FERTILIZER SHALL BE APPLIED PER SECTION 230.04H OF ODOT STANDARD SPECIFICATIONS. WATERING SHALL BE APPLIED AS NECESSARY UNTIL VEGETATION IS ESTABLISHED OR UNTIL THE WORK IS ACCEPTED AS COMPLETE.
- SURFACING / STRUCTURES (S1 - S21)
- S-1: TYPE A AGGREGATE BASE WAS ESTIMATED TO BE USED AS THE BASE MATERIAL FOR 90% OF THE PATCHING. QUICK SET FLOWABLE FILL WAS ESTIMATED TO BE USED AS THE BASE MATERIAL FOR 10% OF THE PATCHING. ACTUAL QUANTITIES TO BE DETERMINED BY THE ENGINEER.
- S-2: INCLUDES COMPACTION OF AGGREGATE TO 98% AASHTO T180 MODIFIED PROCTOR.
- S-3: SEPARATOR FABRIC SHALL BE USED AT ALL PAVEMENT PATCHES AND RECONSTRUCTION SECTIONS. THE SEPARATOR FABRIC SHALL BE CUT AND OVERLAPPED A MINIMUM OF 2 FT AT ALL EDGES OF THE REPAIR.
- S-4: FABRIC REINFORCEMENT SHALL BE USED ON OVERLAY AREAS. THE COST OF BITUMINOUS BINDER FOR FABRIC REINFORCEMENT SHALL BE INCLUDED IN THE UNIT COST OF THIS PAY ITEM. THE BITUMINOUS BINDER SHALL MEET ODOT STANDARD SPECIFICATIONS AND THE RECOMMENDATIONS OF THE FABRIC REINFORCEMENT MANUFACTURER.
- S-5: THE COST OF TACK COAT, EDGE JOINT SEAL MATERIAL AND SCREENINGS FOR BLOTTING, AND ALL LABOR ASSOCIATED WITH THESE ITEMS, SHALL BE INCLUDED IN ASPHALT CONCRETE.
- S-6: ESTIMATED AT 112 LBS PER SQ YD PER 1 INCH THICK.
- S-7: ODOT PAY FACTOR FOR AVERAGE LOT DENSITY SHALL NOT BE USED FOR THIS PROJECT. FAILURE TO REACH AVERAGE LOT DENSITY OF 92%-97% WILL RESULT IN REJECTION OF WORK.
- ITEMS LISTED OR SHOWN ON DRAWINGS AND/ OR DESCRIBED IN THE SPECIFICATIONS THAT ARE NOT INCLUDED AS A SEPARATE PAY ITEM QUANTITY SHALL BE CONSIDERED INCIDENTAL AND THE COST SHALL BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS. THE PRICE BID FOR ALL WORK SHALL INCLUDE ALL MATERIALS, EQUIPMENT, LABOR, INCIDENTALS, AND ALL OTHER REQUIRED ITEMS TO COMPLETE THE WORK AS SHOWN ON PLANS AND SPECIFICATIONS.
- SP-1: ADDITIONAL QUANTITY INCLUDED FOR THE REMOVAL AND REPLACEMENT OF SIDEWALK PANEL ON EITHER SIDE OF DRIVEWAY REPLACEMENT.

S-8: A HIGHER GRADE OF ASPHALT BINDER THAN IS INDICATED ON THE PLANS MAY BE USED, BUT AT NO ADDITIONAL COST TO THE CITY.

NOTE S8 (60) TABLE			
BINDER* GRADE	MESALs	ADT ¹	NOTES
PG 64-22 OK	< 3	< 5,000	USE WHEN MORE THAN 4-6 INCHES BELOW THE SURFACE. ALSO USE FOR SHOULDERS, DRIVEWAYS, BELOW PCC, AND TEMPORARY CONSTRUCTION.
PG 70-28 OK	< 10	< 10,000	USE ONLY IN THE TOP 4-6 INCHES FOR DRIVING LANES.
PG 76-28 OK	>= 10	>= 10,000	USE ONLY IN THE TOP 4-6 INCHES FOR DRIVING LANES.
PG 76-28 E	—	—	CONTACT ODOT MATERIALS DIVISION FOR RECOMMENDED USE.

¹ USE ADT ONLY WHEN ESAL COMPUTATIONAL DATA IS NOT AVAILABLE. CALCULATE THE DESIGN ESALs BASED ON 20 YEARS.

² PG 70-28 OK OR 76-28 OK MAY BE DESIRABLE IN HIGH VOLUME AREAS WHERE SLOW, STANDING, OR TURNING TRAFFIC OCCURS, SUCH AS URBAN INTERSECTIONS OR OFF-RAMPS. OFF RAMPS SHOULD AT LEAST USE THE SAME BINDER AS THE MAINLINE.

S-9: THIS ITEM INCLUDES ALL COSTS ASSOCIATED WITH COLD MILLING AND TO PROVIDE BUTT JOINTS AS REQUIRED. NO ADDITIONAL PAYMENT SHALL BE MADE FOR COLD MILLING BEYOND THE AVERAGE DEPTH SHOWN ON THE TYPICAL SECTIONS.

S-10: NOT USED.

S-11: NOT USED.

S-12: THE USE OF FLY-ASH IN CONCRETE IS PROHIBITED.

S-13: INCLUDES ALL COST OF SAWED JOINTS AND SEALING OF ALL JOINTS INCLUDING LONGITUDINAL JOINTS.

S-14: UNIT PRICE SHALL INCLUDE COST OF ALL MATERIAL, LABOR, AND EQUIPMENT REQUIRED TO CONSTRUCT WALL PER MANUFACTURER'S RECOMMENDATIONS.

S-15: THIS ITEM SHALL BE MEASURED AS THE ACTUAL AMOUNT OF CURB AND/OR GUTTER INSTALLED. NO PAYMENT WILL BE MADE FOR CURB AND/OR GUTTER THROUGH DRIVEWAYS AND INLETS.

S-16: CURB, GUTTER, AND/OR SIDEWALK ASSOCIATED WITH THE DRIVEWAY AND THROUGH THE DRIVEWAY IS INCLUDED IN THE COST OF THE DRIVEWAY.

S-17: ONE SIDEWALK PANEL ON EACH SIDE OF DRIVEWAYS SHALL BE A MINIMUM OF 6" THICK OR MATCH EXISTING DRIVEWAY THICKNESS, WHICHEVER IS GREATER. NO ADDITIONAL PAYMENT SHALL BE MADE FOR THE COST OF THE THICKENED SIDEWALK THROUGH THIS AREA.

S-18: NOT USED.

S-19: STANDARD BEDDING MATERIAL TO BE TYPE A AGGREGATE BASE COMPACTED TO 95% STANDARD PROCTOR DENSITY (AASHTO T-99). TYPE A AGGREGATE BASE IN THE ROADWAY SHALL BE COMPACTED TO 98% MODIFIED PROCTOR (AASHTO T-180).

S-20: NOT USED.

S-21: THIS PAY ITEM INCLUDES THE FOLLOWING:

- A. SAW CUTTING
- B. REMOVAL OF THE EXISTING CONCRETE AND/OR ASPHALTIC CONCRETE ROADWAY (CY)
- C. TYPE S3 ASPHALTIC CONCRETE OR PC CONCRETE COMPLETE AND IN PLACE PER DETAIL
- D. SEALING OF EDGES AND TACK COAT

DOES NOT INCLUDE THE FOLLOWING:

- A. UNCLASSIFIED EXCAVATION
- B. SUBGRADE METHOD B (SY)
- C. SEPARATOR FABRIC (SY)
- D. AGGREGATE BASE (TYPE A)
- E. ASPHALT CONCRETE LEVELING OR SURFACE COURSE

NOTE: PATCH QUANTITIES AND LOCATIONS SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION WITH FIELD AND DESIGN ENGINEERING.

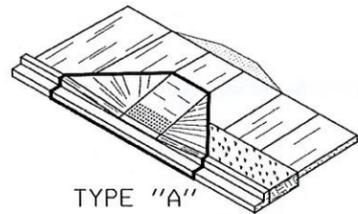
PAY ITEM NOTES continued on next sheet

PAY QUANTITIES & NOTES (1)			
ROADWAY			
NON-ARTERIAL STREET REHABILITATION ZONE 7054 PROJECT NO. 144754			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS DEPARTMENT			
PLANS AND ESTIMATES PREPARED BY: POE & ASSOCIATES INC., Tulsa, Oklahoma			
REVISION	BY	DATE	APPROVED:
REVISED QUANTITY	GLC	02/26	
PLAN SCALE:	DRAWN	RJM	8/2017
1" = N/A	DESIGNED		
	SURVEY		
PROFILE SCALE:	PROJ. MGR.		
HORIZONTAL:	LEAD ENGR.		
1" = N/A	FIELD MGR.		
VERTICAL:	RECOMMENDED:	HAJ	
1" = N/A	DESIGN MANAGER		
FILE: H303892	DRAWING		CITY ENGINEER
ATLAS PAGE NO: 310 & 385			DATE:
			SHEET 2 OF 151 SHEETS

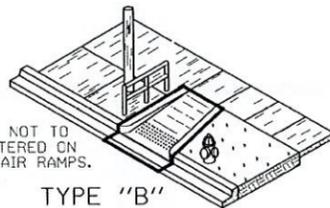


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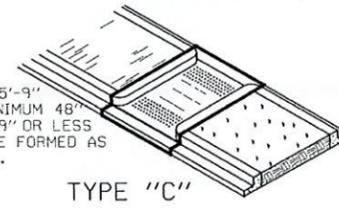
		SUMMARY OF PAVING QUANTITIES																									
P&P SHEET NO.	STREET NAME	202(A)	230(A)	303	310(B)	325	409(A)	414(B)	414(G)	412	609(B)	610(A)	610(B)	610(I)	612(A)	612(G)	612(H)	619(B)	619(B)	619(B)	619(B)	619(B)	619(B)	SPECIAL	SPEC.	SPEC.	
		UNCLASSIFIED EXCAVATION	SOLID SLAB SODDING	AGGREGATE BASE-TYPE A	SUBGRADE METHOD B	SEPARATOR FABRIC	FABRIC REINFORCEMENT	ASPH. CONC. S3 (6'-22')	ASPH. CONC. S4 (6'-22')	COLD MILL PAVEMENT	2'-2" COMB. CURB & GUTTER (6" BARRIER)	4" CONCRETE SIDEWALK	6" CONCRETE DRIVEWAY (I.E.S.)	TACTILE WARNING DEVICE (NEW)	MANHOLE ADJUSTED TO GRADE (PUBLIC)	VALVE BOXES ADJUST TO GRADE	METER BOXES ADJUST TO GRADE	REMOVAL OF EXISTING PAVEMENT	REMOVAL OF DRAINAGE INLETS	REMOVAL OF MANHOLES	REMOVAL OF DRIVEWAY	REMOVAL OF SIDEWALK	REMOVAL OF EXISTING PIPE	REMOVAL OF EXISTING CURB RAMP	TYPE I AC PATCH	CONSTRUCT CURB RAMP	GEOGRID REINFORCEMENT
		CY	SY	CY	SY	SY	SY	TON	TON	SY	LF	SY	SY	SF	EA	EA	SY	EA	EA	SY	SY	LF	EA	CY	EA	CY	
1	S. 81st E. PL.	199	40	199	587	1,976	-	140	150	825	120	-	-	-	-	-	-	500	-	-	-	-	-	202	-	1,325	
2	S. 82nd E. AVE.	418	28	418	1,247	2,404	-	311	124	-	85	-	-	-	-	-	-	1,110	2	1	-	23	-	170	-	1,110	
3	S. 82nd E. AVE.	453	83	453	1,361	2,612	-	322	129	-	248	-	-	-	-	-	-	1,150	2	1	-	50	-	176	-	1,150	
4	S. 82nd E. AVE.	391	2	391	1,173	2,249	-	293	119	-	5	-	-	-	-	-	-	1,065	-	-	-	-	-	163	-	1,065	
5	S. 83rd E. AVE.	90	20	90	271	300	1,040	-	116	1,040	60	-	-	-	-	-	-	-	-	-	-	-	-	53	-	271	
6	S. 83rd E. AVE.	82	26	82	226	320	762	-	85	762	78	-	-	-	-	-	-	-	-	-	-	-	-	41	-	226	
7	S. 83rd E. AVE.	51	11	51	152	186	389	-	44	389	33	-	-	-	-	-	-	-	-	-	-	-	-	25	-	125	
8	S. 83rd E. PL.	90	-	90	269	310	-	105	92	822	-	-	-	-	-	-	-	-	-	-	-	-	-	52	-	269	
9	S. 84th E. AVE.	405	-	405	1,107	2,334	-	310	124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	169	-	1,107	
10	S. 84th E. AVE.	377	7	377	1,022	2,167	-	286	114	-	20	-	-	-	-	-	-	1,022	2	-	-	26	-	156	-	1,022	
11	S. 84th E. AVE.	318	23	318	678	1,656	-	236	95	-	70	-	-	-	1	2	-	844	2	1	-	76	-	104	-	844	
12	S. 85th E. AVE.	66	29	66	199	242	1,160	-	130	1,160	54	16	-	16	-	-	-	-	-	-	16	-	-	32	2	32	
13	S. 85th E. AVE.	102	11	102	306	363	1,141	-	128	1,141	34	-	-	-	-	-	-	-	-	-	-	-	-	52	-	267	
14	S. 85th E. AVE. / E. 58th ST.	232	42	232	580	687	1,138	-	127	1,138	77	10	67	-	1	-	-	-	-	67	10	-	-	113	-	580	
15	E. 56th ST.	282	71	282	822	850	1,132	-	127	1,132	35	54	55	-	-	-	-	2	1	55	54	70	-	143	-	735	
16	E. 56th ST.	45	146	45	65	95	1,149	-	129	1,149	4	133	118	-	1	-	-	-	-	118	133	219	-	14	-	65	
17	E. 56th ST.	118	65	118	290	395	1,150	-	129	1,150	30	50	45	-	-	-	-	2	1	45	50	117	-	57	-	290	
18	E. 56th ST.	124	22	124	315	457	1,023	-	115	1,023	44	5	24	-	1	-	-	2	2	24	5	-	-	65	-	315	
19	E. 56th ST.	33	21	33	80	88	1,143	-	128	1,143	30	11	-	-	1	-	-	2	2	-	11	24	-	16	-	80	
20	E. 56th ST.	27	20	27	65	118	1,139	-	127	1,138	30	10	-	8	1	-	-	2	-	-	10	24	1	15	1	65	
21	E. 56th ST.	24	47	24	55	103	240	-	27	240	37	35	-	8	-	-	-	-	-	-	35	-	1	12	1	55	
22	S. 95th E. AVE.	119	28	119	303	416	1,114	-	125	1,114	31	15	25	16	-	-	-	-	1	25	15	-	2	60	2	303	
23	S. 95th E. AVE.	133	14	133	350	476	1,137	-	127	1,137	43	-	-	-	-	-	-	-	-	-	-	-	-	68	-	350	
24	S. 95th E. AVE.	64	79	64	152	175	918	-	103	918	36	65	23	16	-	-	-	50	2	23	65	-	30	2	225		
25	S. 89th E. AVE.	19	17	19	48	55	1,131	-	127	1,131	15	12	-	16	-	-	-	-	-	-	12	-	2	9	2	46	
26	S. 89th E. AVE.	69	39	69	133	145	1,146	-	128	1,146	103	3	24	-	1	-	-	-	2	24	3	-	26	1	133		
27	S. 89th E. AVE.	64	19	64	105	125	519	-	58	519	25	8	24	16	1	2	-	46	2	8	24	8	-	18	2	150	
28	S. 90th E. AVE.	99	134	99	135	150	932	-	104	932	364	13	-	16	-	-	-	46	-	-	-	13	-	23	2	175	
29	S. 91st E. AVE.	31	22	31	90	110	752	-	84	752	30	12	-	16	-	-	-	47	-	-	-	12	-	15	2	125	
30	E. 56th PL.	54	74	54	123	135	1,144	-	128	1,144	67	52	-	16	-	-	-	-	-	-	52	-	24	2	123		
31	E. 56th PL.	211	105	211	475	510	1,144	-	128	1,144	180	36	91	-	-	-	-	1	-	91	36	-	73	-	475		
32	E. 56th PL.	170	230	170	451	500	724	-	81	724	107	120	142	8	-	-	-	51	-	-	142	120	-	88	2	500	
33	E. 57th ST.	65	44	65	142	160	1,139	-	128	1,139	48	23	47	16	1	-	-	-	-	47	23	-	28	2	142		
34	E. 57th ST.	101	109	101	270	290	1,143	-	128	1,143	21	102	-	-	1	-	-	-	-	-	102	-	53	-	270		
35	E. 57th ST.	98	27	98	250	290	1,147	-	128	1,147	80	-	-	-	1	-	-	-	-	-	-	-	48	-	243		
36	E. 57th ST.	67	33	67	201	245	1,138	-	127	1,138	64	12	-	1	-	-	-	-	-	-	12	-	31	-	160		
37	E. 57th ST.	65	108	65	196	214	907	-	102	907	121	68	-	16	1	-	-	51	-	-	68	-	21	2	200		
38	S. 92nd E. PL.	90	124	90	210	368	751	-	84	751	280	30	-	32	-	2	-	52	-	-	30	-	2	29	4	200	
39	S. 93rd E. AVE.	132	121	132	376	486	1,252	-	140	1,252	215	45	46	32	-	2	9	120	-	46	45	-	1	53	4	266	
40	S. 95th E. AVE.	102	60	102	307	379	1,136	-	127	1,136	130	17	-	8	1	2	-	-	2	-	17	24	2	45	2	233	
41	S. 95th E. AVE.	81	34	81	242	296	888	-	99	888	82	7	-	8	-	-	-	-	-	-	7	-	37	1	191		
42	E. 56th ST.	57	-	57	171	198	679	-	76	679	-	-	-	-	-	1	-	-	-	-	-	-	30	-	156		
43	S. 87th E. AVE.	11	11	11	32	45	1,194	-	134	1,194	19	4	-	16	1	-	-	-	1	-	4	-	1	5	2	23	
44	S. 87th E. AVE.	60	23	60	181	185	1,137	-	127	1,137	70	-	-	16	2	-	-	-	-	-	-	-	21	2	140		
45	E. 60th PL.	43	37	43	128	166	1,318	-	148	1,318	75	12	-	16	2	-	-	52	2	-	12	-	18	2	150		
46	E. 59th ST.	109	56	109	328	397	1,333	-	149	1,333	64	35	-	32	-	2	-	52	-	-	35	-	54	4	350		
47	E. 60th ST.	14	35	14	65	70	996	-	112	996	68	12	-	16	-	2	1	53	-	-	12	-	3	2	75		
48	S. 89th E. AVE.	16	111	16	48	68	1,406	-	157	1,406	34	100	-	-	-	-	-	-	-	-	100	-	7	-	32		
49	S. 89th E. AVE.	06	39	06	287	362	1,632	-	183	1,632	103	5	-	2	-	-	-	3	-	-	5	-	45	-	225		
50	S. 89th E. AVE.	51	37	51	153	193	1,264	-	142	1,264	76	12	-	16	1	3	-	-	-	-	12	-	1	22	2	113	
51	E. 59th ST.	16	26	16	49	58	1,007	-	113	1,007	9	23	-	16	-	-	-	-	-	-	23	-	8	2	42		
52	E. 59th ST. / S. 90th E. AVE.	127	33	127	347	424	1,145	-	128	1,145	45	10	77	-	-	-	-	2	2	77	10	221	-	60	-	300	
53	S. 90th E. AVE.	120	83	120	329	418	905	-	101	905	181	15	72	16	-	-	-	51	1	1	72	15	203	-	300		
54	E. 59th PL.	279	41	279	838	992	1,127	-	128	1,127	87	12	-	16	1	1	-	-	2	1	1	12	446	-	142	2	731
55	E. 59th PL.	172	52	172	494	593	1,127	-	126	1,127	82	20	51	-	1	-	-	-	4	2	51	20	364	-	82	2	450
56	E. 59th PL.	59	81	59	169	199	1,137	-	127	1,137	22	71	24	-	2	-	-	-	1	71	24	19	-	28	2	143	
57	E. 59th PL.	7	25	7	20	35	292	-	33	292	35	13	-	16	1	-	-	51	-	-	13	-	2	2	60		
58	E. 60th ST.	149	72	149	447	540	1,133	-	127	1,133	176	13	-	16	-	-	-	54	-	-	13	-	65	2	332		
59	E. 60th ST.	104	25	104	290	265	1,131	-	127	1,131	-	20	48	-	1	-	-	-	2	1	48	20	273	-	40	-	263
60	E. 60th ST.	17	19	17	51	66	1,131	-	127	1,131	32	8	-	-	1	-	-	-	2	-	8	-	7	-	35		
61	E. 60th ST.	35	23	35	105	125	367	-	41	367	50	7	-	16	1	-	-										



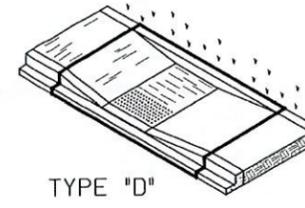
TYPE "A"



TYPE "B"



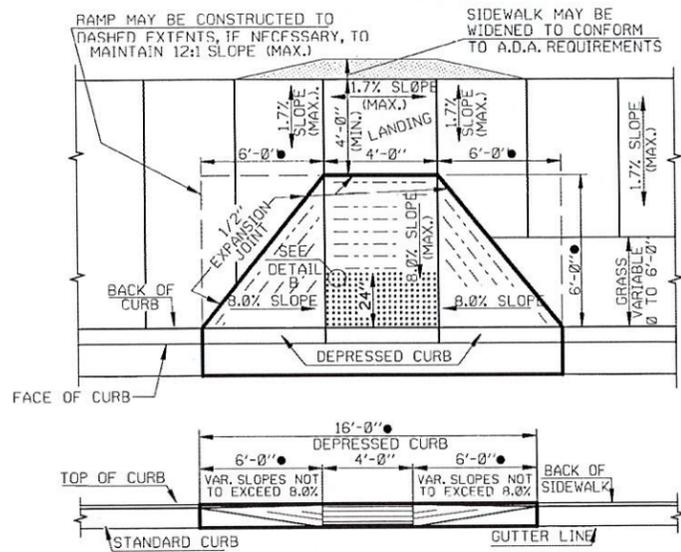
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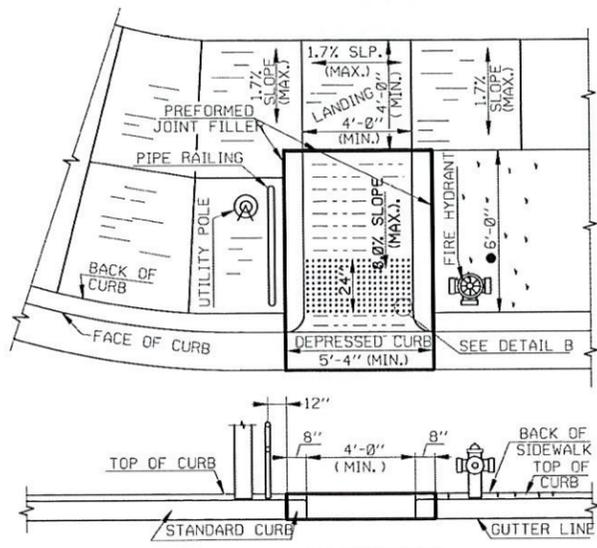
TYPE "D"

USE TYPE "B" RAMP WHEN OBSTRUCTIONS, WHICH ARE NOT TO BE REMOVED, ARE ENCOUNTERED ON EITHER SIDE OF WHEELCHAIR RAMPS.

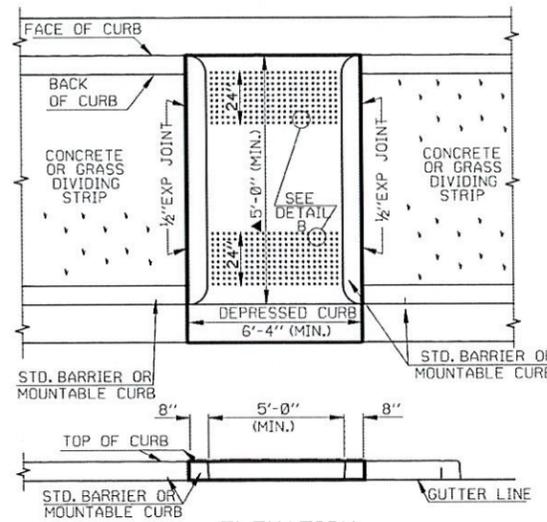
▲ FOR MEDIAN GREATER THAN 15'-9" USE TYPE "B" RAMP WITH MINIMUM 48" LANDING - IF MEDIAN IS 15'-9" OR LESS (6'-0" MIN.) SIDES ARE TO BE FORMED AS SHOWN IN THE DETAIL BELOW.



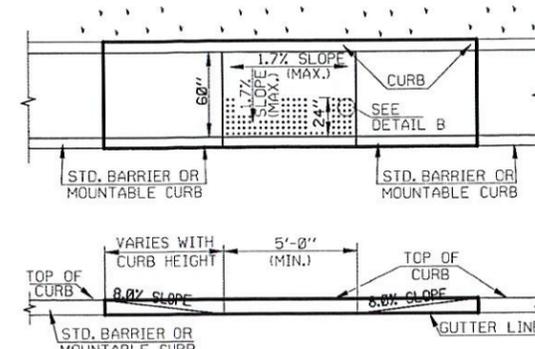
ELEVATION



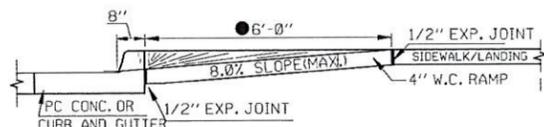
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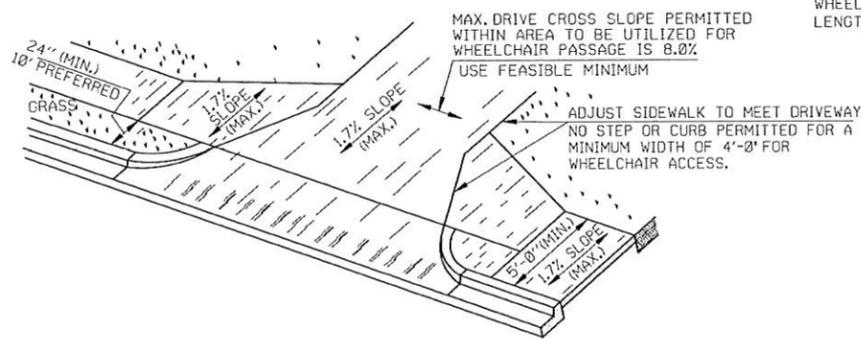
ELEVATION



ELEVATION



WHEELCHAIR RAMP PROFILES

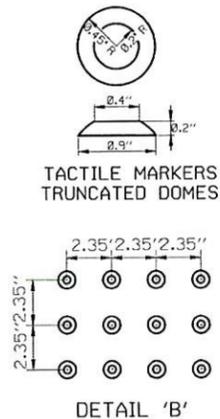


TACTILE WARNING DETAILS INSTALLATION NOTES

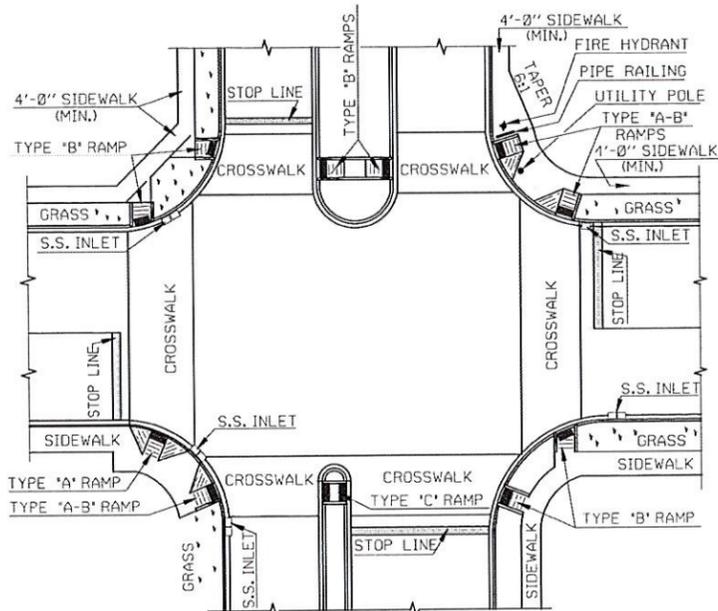
THE TRUNCATED DOME SURFACE SHALL CONTRAST VISUALLY WITH THE ADJOINING WALKING SURFACES.

- THE TRUNCATED DOME PANELS SHALL BE:
- YELLOW IN COLOR, SLIP RESISTANT, AND MEET ALL ADA REQUIREMENTS FOR COLOR CONTRAST AND DIMENSIONS AND SHALL BE:
 - FLANGED CAST IN PLACE GLASS AND CARBON REINFORCED COMPOSITE PANEL AS MANUFACTURED BY ADA SOLUTIONS OR
 - DUCTILE IRON OR
 - CAST IRON OR
 - WET SET 10 GAUGE GALVANIZED STEEL AS MANUFACTURED BY TUFTILE OR
 - WET SET POLYMER AS MANUFACTURED BY TUFTILE.

RETROFIT INSTALLATIONS WILL NOT REQUIRE EXISTING DEPRESSED CURBING TO BE REPLACED. A NOMINAL 5 TO 8 INCH SETBACK FROM FACE OF CURB SHALL BE ENFORCED FOR NEAR EDGE OF TACTILE DOMES.



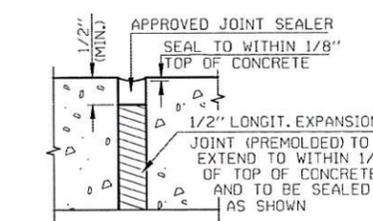
DETAIL "B"



THE ABOVE EXAMPLES ARE TYPICAL ONLY AND ARE SHOWN TO ILLUSTRATE POSSIBLE RAMP TYPES, POSSIBLE RAMP LOCATIONS, POSSIBLE INLET LOCATIONS, AND HOW THE RAMP WILL BE DESIGNATED ON THE PLANS. CARE SHOULD BE EXERCISED TO ASSURE THAT MEDIAN RAMP AND CURB RAMP LINE UP, AND THAT RAMPS THROUGHOUT A PROJECT ARE LOCATED WITH SOME DEGREE OF UNIFORMITY. TYPE "A" RAMPS SHOULD BE USED WHEREVER POSSIBLE.

■ THICKNESS OF RAMP AND ADJACENT SIDEWALK SHALL BE A MINIMUM OF 4". AT ARTERIAL INTERSECTIONS THE THICKNESS OF THE RAMP AND SIDEWALK ADJACENT TO THE CURB RADIUS SHALL BE 8".

- GENERAL NOTES**
1. RAMP DIMENSIONS SHOWN ARE BASED ON A CURB HEIGHT OF SIX INCHES. THE DIMENSIONS SHOULD BE ADJUSTED FOR OTHER CURB HEIGHTS. THE MAXIMUM PERMISSIBLE SLOPE OF THE WHEELCHAIR RAMPS IS 8.0% (12:1). RAMP SLOPE MAY BE 10:1 (MAX.) ALONG FACE OF TAPERED CURB.
 2. TRANSVERSE GROOVING SHALL NOT BE USED ON RAMPS.
 3. DRAINAGE STRUCTURES SHALL NOT BE USED IN LINE WITH THE RAMPS.
 4. THE NORMAL GUTTER LINE PROFILE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP WITH A 1.7% SLOPE (DESIGN MAX.). SEE NOTE NO. 9.
 5. WHEELCHAIR RAMPS SHOULD BE LOCATED SO THAT THE RAMP WILL BE ON THE TRAFFIC APPROACH SIDE OF ANY OBSTACLE.
 6. WHEELCHAIR RAMPS SHOULD BE BUILT AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE TYPE OF RAMP WILL BE DESIGNATED ON THE PLANS. IF A RAMP IS TO BE CONSTRUCTED AS A COMBINATION OF TWO TYPES (ONE SIDE TYPE A AND ONE SIDE TYPE B), THE RAMP SHALL BE DESIGNATED AS TYPE A-B.
 7. PIPE RAILING CONSTRUCTION DETAILS, WHEN REQUIRED AT TYPE B WHEELCHAIR RAMPS, WILL BE SHOWN ON THE PLANS.
 8. EXCAVATION, BACKFILL, EXPANSION JOINT MATERIAL, PIPE RAILING, SEALERS, AND OTHER RELATED MISCELLANEOUS ITEMS WILL NOT BE PAID FOR SEPARATELY BUT THE COST THEREOF SHALL BE INCLUDED IN THE COST OF THE SIDEWALK RAMP.
 9. ALL FEATURES OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, CURB RAMPS, AND CROSSWALK MARKINGS SHALL COMPLY WITH THE PROPOSED RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG), WHERE SPATIAL LIMITATIONS OR EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH PROWAG, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURE(S). THE CONTRACTOR SHALL NOT PROCEED WITH ANY ASPECT OF THE WORK WHICH IS NOT IN FULL COMPLIANCE WITH THE PROWAG WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THE GUIDELINES OF THE PROWAG, FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL, SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
 10. AGGREGATE BASE SHALL BE PAID FOR SEPARATELY AND ESTIMATED AT 2.4 C.Y. FOR EACH RAMP AT CORNER LOCATIONS.
 11. WHEELCHAIR RAMPS SHALL BE PAID FOR BY EACH BOLD OUTLINE INDICATES PAY ITEM LIMITS.
 12. THERE WILL BE NO PAYMENT MADE FOR CONCRETE CURB & GUTTER AND/OR INTEGRAL CURB FOR THE LENGTH OF THE DEPRESSED CURB.
 13. THE TRUNCATED DOMES WILL BE MEASURED AND PAID FOR BY THE SQUARE FOOT OF PANEL AREA. THE ROWS OF TRUNCATED DOMES SHALL ALIGN PERPENDICULAR OR RADIAL TO THE GRADE BREAK BETWEEN THE RAMP, LANDING OR BLENDED TRANSITION AND THE STREET.
 14. PIPE RAILING SHALL BE PAID FOR BY THE LINEAR FOOT.
 15. SIDEWALKS AND RAMPS SHALL MEET THE ADA ACCESSIBILITY TECHNICAL REQUIREMENTS AS SHOWN AT WWW.ACCESS-BOARD.GOV/PROWAG/



1/2" EXPANSION JOINT

JOINT FILLER SHALL MEET THE REQUIREMENTS OF SECTIONS 701.08.A AND 701.08.B OF THE 2019 ODOT STANDARDS AND SPECIFICATIONS.

JOINT FILLER SHALL BE USED BETWEEN SIDEWALK AND CURBS, WHEELCHAIR RAMPS, DRIVEWAYS, STREETS, RETAINING WALLS, ETC.

CONTRACTION JOINT SPACED 5 FEET O.C. 1/2" EXPANSION JOINT SPACED 25 FEET O.C. FILLER TO BE 1/2" PREMOLDED BITUMINOUS FIBERBOARD 3/4" DEEP, SEAL 1/2" DEEP WITH SELF-LEVELING SILICONE. SLOPE TOWARD CURB OR DITCH AT 1/4" PER FT.

REVISION	BY	DATE

CITY ENGINEER	CITY OF TULSA	
	STANDARD SIDEWALK RAMP	
DESIGN MANAGER	DATE: FEBRUARY 2026	STD. 790