

PUBLIC WORKS
Engineering

DATE:
January 28, 2026

TO:
Plan Holders
Contractors

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

EMAIL TRANSMITTAL

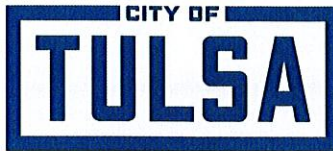
ADDENDUM NO. 1

**PROJECT NO. 2436B0005Z-225, 2037B0225Z & 2036A0044Z
ARTERIAL STREET REHABILITATION & BRIDGE REHABILITATION:
E. PINE ST. FROM MINGO RD. TO GARNETT RD. & BRIDGE #225
OVER MINGO CREEK**

Number of pages:

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

Thank you,
Contract Administration



PUBLIC WORKS
Engineering

DATE:

January 28, 2026

**ADDENDUM NO. 1
TO
PROJECT NO. 2436B0005Z-225, 2037B0225Z & 2036A0044Z
ARTERIAL STREET REHABILITATION & BRIDGE REHABILITATION:
E. PINE ST. FROM MINGO RD. TO GARNETT RD. &
BRIDGE #225 OVER MINGO CREEK**

This Addendum No. 1 consisting of two (2) items, submitted by City of Tulsa is hereby made a part of the Contract Documents to the same extent as though it were originally included therein and shall supersede anything contained in the Plans and Specifications with which it might conflict. **All addenda to the contract documents should be denoted on the last page of the Proposal in the space provided.**

This Addendum No. 1 consists of the following:

1. The attached documents list the detailed items that have been modified in Addendum No. 1. These documents shall be inclusive and apply to this project.
2. Delete the existing bid proposal form in its entirety and replace with the revised Bid Proposal located at: <https://www.cityoftulsa.org/government/departments/public-works/engineering-services/construction-bids/>. It is the Bidder's responsibility to download the revised Bid Proposal.

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

CITY OF TULSA

Paul D. Zachary, P.E.
Deputy Director

HAS/MD/ML/JR

**ADDENDUM NO. 1
TO
PROJECT NO. 2436B0005Z-225, 2037B0225Z, 2036A0044Z
ARTERIAL STREET REHABILITATION AND BRIDGE REHABILITATION
E. PINE ST. MINGO RD. TO GARNETT RD. & BRIDGE #225 OVER MINGO CREEK**

Date: January 27, 2026

This Addendum No. 1 consists of 7 items submitted by Benham Design, LLC, is hereby made a part of the contract Documents to the same extent as though it were originally included therein, and shall supersede anything contained in the Plans and Specifications with which it might conflict. **This Addendum shall be attached to the Index Sheet of the Contract Documents and submitted with bid. Failure to do so shall result in the bid being deemed non-responsive.**

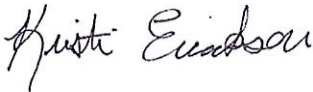
This Addendum No. 1 consists of the following:

ITEMS

1. REMOVE Sheet 3, "PAY ITEMS & NOTES (1 OF 3)" from plan set and REPLACE with revised Sheet 3, "PAY ITEMS & NOTES (1 OF 3)".
2. REMOVE Sheet 9, "SUMMARIES (1 OF 2)" from plan set and REPLACE with revised Sheet 9, "SUMMARIES (1 OF 2)".
3. REMOVE Sheet 11, "TYPICAL SECTIONS (1 OF 2)" from plan set and REPLACE with revised Sheet 11, "TYPICAL SECTIONS (1 OF 2)".
4. REMOVE Sheet 22, "REHABILITATION PLAN" from plan set and REPLACE with revised Sheet 22, "REHABILITATION PLAN".
5. REMOVE Sheet 44, "GUARDRAIL LAYOUT" from plan set and REPLACE with revised Sheet 44, "GUARDRAIL LAYOUT".
6. REMOVE Sheet 52, "DETOUR MAP" from plan set and REPLACE with revised Sheet 52, "DETOUR MAP".
7. DELETE the existing Proposal in its entirety and REPLACE with the revised Proposal found at [www.cityoftulsa.org/government/departments/public-works/engineering-services/construction-bids/project no. 2436B0005Z-225](http://www.cityoftulsa.org/government/departments/public-works/engineering-services/construction-bids/project%20no.%202436B0005Z-225). It is the Bidders responsibility to download the revised Proposal onto their existing thumb drive.

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

Benham Design, LLC



Kristi Erickson, P.E., C.F.M.
Sr. Civil Engineer

Appended hereto and part of Addendum No. 1: Proposal; Sheet 3, "PAY ITEMS & NOTES (1 OF 3)"; Sheet 9, "SUMMARIES (1 OF 2)"; Sheet 11, "TYPICAL SECTIONS (1 OF 2)"; Sheet 22, "REHABILITATION PLAN"; Sheet 44, "GUARDRAIL LAYOUT"; Sheet 52, "DETOUR MAP"

END ADDENDUM

ELECTRONIC BID PROPOSAL INSTRUCTIONS - EXCEL SPREADSHEET
PROJECT NO. 2036A0044Z | 2436B0005Z-225 | 2037B0225Z

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.

AGREEMENT FOR USING ELECTRONIC BID PROPOSAL

By and Between: Benham, (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. 2036A0044Z | 2436B0005Z-225 | 2037B0225Z. 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
ARTERIAL STREET REHABILITATION AND BRIDGE REHABILITATION
E. PINE ST. | MINGO RD. TO GARNETT RD. & BRIDGE #225 OVER MINGO CREEK
PROJECT NO. 2036A0044Z | 2436B0005Z-225 | 2037B0225Z

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 250 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 ROADWAY, BRIDGE, AND TRAFFIC BASE BID.
IT SHOULD BE NOTED THAT THE LOWEST RESPONSIBLE TOTAL BID SHALL BE DETERMINED BY THE ROADWAY, BRIDGE, AND TRAFFIC BASE BID.

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

BID FORM
ARTERIAL STREET REHABILITATION AND BRIDGE REHABILITATION
E. PINE ST. | MINGO RD. TO GARNETT RD. & BRIDGE #225 OVER MINGO CREEK
PROJECT NO. 2036A0044Z | 2436B0005Z-225 | 2037B0225Z

ITEM NUMBER	SPEC NO.	DESCRIPTION	UNIT	QUANTITY	DATA INPUT UNIT PRICE	TOTAL EACH ITEM
ROADWAY						
1	201(A)	CLEARING AND GRUBBING	AC	3		\$0.00
2	202(A)	UNCLASSIFIED EXCAVATION	CY	268		\$0.00
3	202(D)	UNCLASSIFIED BORROW	CY	25		\$0.00
4	220	SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1		\$0.00
5	230(A)	SOLID SLAB SODDING	SY	116		\$0.00
6	303(A)	AGGREGATE BASE TYPE A	CY	253		\$0.00
7	310(B)	SUBGRADE METHOD B	SY	499		\$0.00
8	325	SEPARATOR FABRIC	SY	1,031		\$0.00
9	409(A)	FABRIC REINFORCEMENT (TENSAR GP50)	SY	24,353		\$0.00
10	411(C)	SUPERPAVE, TYPE S4 (PG 70-28 OK) (INSOLUBLE)	TON	2,730		\$0.00
11	411(E)	SUPERPAVE, TYPE S6 (PG 70-28 OK)	TON	344		\$0.00
12	412	COLD MILLING PAVEMENT	SY	24,353		\$0.00
13	609(B)	COMBINED CURB & GUTTER (6" BARRIER)	LF	289		\$0.00
14	610(A)	4" CONCRETE SIDEWALK	SY	96		\$0.00
15	610(B)	6" CONCRETE DRIVEWAY (CLASS A)	SY	261		\$0.00
16	610(C)	6" CONCRETE DIVIDING STRIP	SY	137		\$0.00
17	610(I)	TACTILE WARNING DEVICE - NEW	SF	40		\$0.00
18	619(A)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LSUM	1		\$0.00
19	619(B)	REMOVAL OF ASPHALT PAVEMENT	SY	238		\$0.00
20	619(B)	REMOVAL OF CONCRETE PAVEMENT	SY	80		\$0.00
21	619(B)	REMOVAL OF CONCRETE DRIVEWAY	SY	205		\$0.00
22	619(B)	REMOVAL OF CURB AND GUTTER	LF	44		\$0.00
23	619(B)	REMOVAL OF SIDEWALK	SY	18		\$0.00
24	619(B)	REMOVAL OF GUARDRAIL	LF	370		\$0.00
25	623(A)	BEAM GUARDRAIL W-BEAM SINGLE	LF	254		\$0.00
26	623(G)	GUARDRAIL END TREATMENT (31")	EA	5		\$0.00
27	623(I)	GUARDRAIL BRIDGE CONN-THREE BEAM (31")	EA	4		\$0.00
28	641	MOBILIZATION	LSUM	1		\$0.00
29	642(B)	CONSTRUCTION STAKING LEVEL II	EA	1		\$0.00
30	805(A)	REMOVAL OF TRAFFIC ITEMS	EA	27		\$0.00
31	805(D)	REMOVE AND RESET SIGN	EA	1		\$0.00
32	855(A)	TRAFFIC STRIPE (PLASTIC) (4" WIDE)	LF	19,293		\$0.00
33	855(A)	TRAFFIC STRIPE (PLASTIC) (8" WIDE)	LF	450		\$0.00
34	855(A)	TRAFFIC STRIPE (PLASTIC) (24" WIDE)	LF	184		\$0.00
35	855(B)	TRAFFIC STRIPE (PLASTIC) (ARROWS)	LF	6		\$0.00
36	853	GUARDRAIL DELINEATORS (TYPE 2, CODE 1)	EA	13		\$0.00
37	857(C)	REMOVABLE PAVEMENT MARKING TAPE (4" WIDE)	LF	15,000		\$0.00
38	857(F)	PAVEMENT MARKING REMOVAL (TRAFFIC STRIPE)	LF	15,000		\$0.00
39	877(B)	DELIVER PORTABLE LONGITUDINAL BARRIER	LF	100		\$0.00
40	880(A)	ARROW DISPLAY	SD	500		\$0.00
41	880(B)	CONSTRUCTION SIGNS 0.00 TO 6.25 SF	SD	8,750		\$0.00
42	880(B)	CONSTRUCTION SIGNS 6.26 TO 15.99 SF	SD	2,500		\$0.00
43	880(B)	CONSTRUCTION SIGNS 16.00 AND UP	SD	5,000		\$0.00
44	880(C)	BARRICADES (TYPE III)	SD	2,500		\$0.00
45	880(E)	WARNING LIGHTS (TYPE A)	SD	8,000		\$0.00
46	880(E)	WARNING LIGHTS (TYPE C)	SD	17,500		\$0.00
47	880(F)	DRUMS	SD	17,500		\$0.00
48	880(I)	FLAGGER	FD	50		\$0.00
49	882(B)	REMOTE CONTROLLED CHANGEABLE MESSAGE SIGN	SD	1,000		\$0.00
50	COT 102	PROJECT SIGN (CITY OF TULSA)	EA	2		\$0.00
51	COT 202	QUICK SET FLOWABLE FILL	CY	25		\$0.00
52	COT 327	SAFETY FENCE	LF	2,500		\$0.00
53	COT 334	CONSTRUCTION AS-BUILT	LSUM	1		\$0.00
54	COT 335	CONTRACTOR QUALITY CONTROL	LSUM	1		\$0.00
55	SPECIAL	STABILIZED CONSTRUCTION ENTRANCE	EA	2		\$0.00
56	SPECIAL	TYPE I AC PATCH	CY	57		\$0.00
57	SPECIAL	TYPE I PCC PATCH	CY	8		\$0.00
58	SPECIAL	TYPE I APC PATCH	CY	25		\$0.00
59	SPECIAL	CURB RAMP	EA	4		\$0.00
60	SPECIAL	SIGNAGE FOR LOCAL BUSINESS ACCESS (BAS-1)	SD	5,750		\$0.00

BID FORM
ARTERIAL STREET REHABILITATION AND BRIDGE REHABILITATION
E. PINE ST. | MINGO RD. TO GARNETT RD. & BRIDGE #225 OVER MINGO CREEK
PROJECT NO. 2036A0044Z | 2436B0005Z-225 | 2037B0225Z

ITEM NUMBER	SPEC NO.	DESCRIPTION	UNIT	QUANTITY	DATA INPUT UNIT PRICE	TOTAL EACH ITEM
61	SPECIAL	URBAN RIGHT OF WAY RESTORATION	EA	1		\$0.00
62	SPECIAL	OWNERS ALLOWANCE	EA	25,000	\$1.00	\$25,000.00
ROADWAY TOTAL						\$25,000.00

ITEM NUMBER	SPEC NO.	DESCRIPTION	UNIT	QUANTITY	DATA INPUT UNIT PRICE	TOTAL EACH ITEM
BRIDGE #225						
63	501(G)	CLSM BACKFILL	CY	47		\$0.00
64	504(A)	APPROACH SLAB	SY	139		\$0.00
65	504(B)	SAW-CUT GROOVING	SY	892		\$0.00
66	504(D)	CONCRETE RAIL (TR4)	LF	665		\$0.00
67	504(F)	HANDRAILING	LF	333		\$0.00
68	506(A)	STRUCTURAL STEEL M270 GRADE 50W	LB	59,360		\$0.00
69	507(A)	WEATHERING STEEL FIXED BEARING ASSEMBLY	EA	5		\$0.00
70	507(B)	WEATHERING STL EXP. BEARING ASSEMBLY	EA	5		\$0.00
71	509(A)	CLASS AA CONCRETE	CY	282		\$0.00
72	509(C)	CLASS A CONCRETE, SMALL STRUCTURES	CY	2		\$0.00
73	511(B)	EPOXY COATED REINFORCING STEEL	LB	79,950		\$0.00
74	512	CLEANING BRIDGE SURFACES	SY	50		\$0.00
75	512(B)	PAINTING EXISTING STRUCTURES	LSUM	1		\$0.00
76	512(B)	COLLECTION AND HANDLING OF WASTE	SF	1,060		\$0.00
77	515(A)	WATER REPELLENT (VISUALLY INSPECTED)	SY	806		\$0.00
78	518(C)	RAPID CURE JOINT SEALANT	LF	128		\$0.00
79	518(D)	ELASTOMERIC MORTAR	CF	12		\$0.00
80	520(A)	PREPARATION OF CRACKS, ABOVE WATER	LF	101		\$0.00
81	520(C)	EPOXY RESIN, ABOVE WATER	GAL	1		\$0.00
82	521(A)	PNEUMATICALLY PLACED MORTAR	SY	36		\$0.00
83	523(A)	SEALER CRACK PREPARATION	LF	63		\$0.00
84	523(B)	SEALER RESIN	GAL	1		\$0.00
85	535	CORROSION INHIBITOR(SURFACE APPLIED)	SY	47		\$0.00
86	619(B)	REMOVAL OF BRIDGE ITEMS	LSUM	1		\$0.00
BRIDGE #225 TOTAL						\$0.00

ITEM NUMBER	SPEC NO.	DESCRIPTION	UNIT	QUANTITY	DATA INPUT UNIT PRICE	TOTAL EACH ITEM
TRAFFIC						
87	COT 601	PULL BOX SIZE I	EA	1		\$0.00
88	COT 601	PULL BOX SIZE II	EA	11		\$0.00
89	COT 601	PULL BOX SIZE III	EA	2		\$0.00
90	COT602	2" SCH 40 PVC CONDUIT TRENCHED	LF	80		\$0.00
91	COT602	3" SCH 40 PVC CONDUIT TRENCHED	LF	21		\$0.00
92	COT602	(2)-3" SCH 40 PVC CONDUIT TRENCHED	LF	454		\$0.00
93	COT602	(4)-3" SCH 40 PVC CONDUIT TRENCHED	LF	25		\$0.00
94	COT602	2" HDPE SCH 40 CONDUIT (DIRECTIONAL BORE)	LF	50		\$0.00
95	COT602	(2)-3" HDPE SCH 40 CONDUIT (DIRECTIONAL BORE)	LF	800		\$0.00
96	COT 604	6'X6' LOOP DETECTOR	EA	2		\$0.00
97	COT 604	LOOP LEAD-IN WIRE	LF	35		\$0.00
98	COT 608	GROUND SIGN	SF	346		\$0.00
99	COT 608	1-1/2" SIGN POST	LF	84		\$0.00
100	COT 608	1-3/4" SIGN POST	LF	430		\$0.00
101	COT 608	2" SIGN POST	LF	129		\$0.00
102	COT 620	VIDEO DETECTION SYSTEM	EA	2		\$0.00
103	COT 611	2#14 SHIELDED ELECTRICAL CONDUCTOR WITH GROUND	LF	1,780		\$0.00
104	COT 611	2#14 SHIELDED ELECTRICAL CONDUCTOR	LF	100		\$0.00
105	COT 611	4#14 TRAFFIC SIGNAL ELECTRIC CABLE	LF	650		\$0.00
106	COT 611	7#14 TRAFFIC SIGNAL ELECTRIC CABLE	LF	1,500		\$0.00
107	COT 611	20#14 TRAFFIC SIGNAL ELECTRIC CABLE	LF	1,000		\$0.00
108	COT 611	GREEN #12 THHN ELECTRICAL CONDUCTOR	LF	1,500		\$0.00
109	COT 611	GREEN #6 THHN ELECTRICAL CONDUCTOR	LF	1,000		\$0.00
110	COT 626	TRAFFIC SIGNAL MAINTENANCE	HR	16		\$0.00
111	COT 626	SIGNAL MODIFICATIONS FOR LANE CLOSURES (PER SIGNALIZED INTERSECTION)	EA	3		\$0.00
TRAFFIC TOTAL						\$0.00

SUMMARY SHEET
ARTERIAL STREET REHABILITATION AND BRIDGE REHABILITATION
E. PINE ST. | MINGO RD. TO GARNETT RD. & BRIDGE #225 OVER MINGO CREEK
PROJECT NO. 2036A0044Z | 2436B0005Z-225 | 2037B0225Z

ROADWAY	\$25,000.00
BRIDGE #225	\$0.00
TRAFFIC	\$0.00

TOTAL BID (Roadway, Bridge, and Traffic Base Bid)	<u>\$25,000.00</u>
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SIGNATURE PAGE
ARTERIAL STREET REHABILITATION AND BRIDGE REHABILITATION
E. PINE ST. | MINGO RD. TO GARNETT RD. & BRIDGE #225 OVER MINGO CREEK
PROJECT NO. 2036A0044Z | 2436B0005Z-225 | 2037B0225Z

TOTAL BID (Roadway, Bridge, and Traffic Base Bid)

\$25,000.00
Figures

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):

FOR CONTRACTOR USE
ARTERIAL STREET REHABILITATION AND BRIDGE REHABILITAION
E. PINE ST. | MINGO RD. TO GARNETT RD. & BRIDGE #225 OVER MINGO CREEK
PROJECT NO. 2036A0044Z | 2436B0005Z-225 | 2037B0225Z

ITEM NUMBER	SPEC NO.	DESCRIPTION	UNIT	QUANTITY
ROADWAY				
1	201(A)	CLEARING AND GRUBBING	AC	3
2	202(A)	UNCLASSIFIED EXCAVATION	CY	268
3	202(D)	UNCLASSIFIED BORROW	CY	25
4	220	SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1
5	230(A)	SOLID SLAB SODDING	SY	116
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7	310(B)	SUBGRADE METHOD B	SY	499
8	325	SEPARATOR FABRIC	SY	1,031
9	409(A)	FABRIC REINFORCEMENT (TENSAR GP50)	SY	24,353
10	411(C)	SUPERPAVE, TYPE S4 (PG 70-28 OK) (INSOLUBLE)	TON	2,730
11	411(E)	SUPERPAVE, TYPE S6 (PG 70-28 OK)	TON	344
12	412	COLD MILLING PAVEMENT	SY	24,353
13	609(B)	COMBINED CURB & GUTTER (6" BARRIER)	LF	289
14	610(A)	4" CONCRETE SIDEWALK	SY	96
15	610(B)	6" CONCRETE DRIVEWAY (CLASS A)	SY	261
16	610(C)	6" CONCRETE DIVIDING STRIP	SY	137
17	610(I)	TACTILE WARNING DEVICE - NEW	SF	40
18	619(A)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	LSUM	1
19	619(B)	REMOVAL OF ASPHALT PAVEMENT	SY	238
20	619(B)	REMOVAL OF CONCRETE PAVEMENT	SY	80
21	619(B)	REMOVAL OF CONCRETE DRIVEWAY	SY	205
22	619(B)	REMOVAL OF CURB AND GUTTER	LF	44
23	619(B)	REMOVAL OF SIDEWALK	SY	18
24	619(B)	REMOVAL OF GUARDRAIL	LF	370
25	623(A)	BEAM GUARDRAIL W-BEAM SINGLE	LF	254
26	623(G)	GUARDRAIL END TREATMENT (31")	EA	5
27	623(I)	GUARDRAIL BRIDGE CONN-THRIE BEAM (31")	EA	4
28	641	MOBILIZATION	LSUM	1
29	642(B)	CONSTRUCTION STAKING LEVEL II	EA	1
30	805(A)	REMOVAL OF TRAFFIC ITEMS	EA	27
31	805(D)	REMOVE AND RESET SIGN	EA	1
32	855(A)	TRAFFIC STRIPE (PLASTIC) (4" WIDE)	LF	19,293
33	855(A)	TRAFFIC STRIPE (PLASTIC) (8" WIDE)	LF	450
34	855(A)	TRAFFIC STRIPE (PLASTIC) (24" WIDE)	LF	184
35	855(B)	TRAFFIC STRIPE (PLASTIC) (ARROWS)	LF	6
36	853	GUARDRAIL DELINEATORS (TYPE 2, CODE 1)	EA	13
37	857(C)	REMOVABLE PAVEMENT MARKING TAPE (4" WIDE)	LF	15,000
38	857(F)	PAVEMENT MARKING REMOVAL (TRAFFIC STRIPE)	LF	15,000
39	877(B)	DELIVER PORTABLE LONGITUDINAL BARRIER	LF	100
40	880(A)	ARROW DISPLAY	SD	500
41	880(B)	CONSTRUCTION SIGNS 0.00 TO 6.25 SF	SD	8,750
42	880(B)	CONSTRUCTION SIGNS 6.26 TO 15.99 SF	SD	2,500
43	880(B)	CONSTRUCTION SIGNS 16.00 AND UP	SD	5,000
44	880(C)	BARRICADES (TYPE III)	SD	2,500
45	880(E)	WARNING LIGHTS (TYPE A)	SD	8,000
46	880(E)	WARNING LIGHTS (TYPE C)	SD	17,500
47	880(F)	DRUMS	SD	17,500
48	880(I)	FLAGGER	FD	50
49	882(B)	REMOTE CONTROLLED CHANGEABLE MESSAGE SIGN	SD	1,000
50	COT 102	PROJECT SIGN (CITY OF TULSA)	EA	2
51	COT 202	QUICK SET FLOWABLE FILL	CY	25
52	COT 327	SAFETY FENCE	LF	2,500
53	COT 334	CONSTRUCTION AS-BUILT	LSUM	1
54	COT 335	CONTRACTOR QUALITY CONTROL	LSUM	1
55	SPECIAL	STABILIZED CONSTRUCTION ENTRANCE	EA	2

56	SPECIAL	TYPE I AC PATCH	CY	57
57	SPECIAL	TYPE I PCC PATCH	CY	8
58	SPECIAL	TYPE I APC PATCH	CY	25
59	SPECIAL	CURB RAMP	EA	4
60	SPECIAL	SIGNAGE FOR LOCAL BUSINESS ACCESS (BAS-1)	SD	5,750
61	SPECIAL	URBAN RIGHT OF WAY RESTORATION	EA	1
62	SPECIAL	OWNERS ALLOWANCE	EA	25,000

ITEM NUMBER	SPEC NO.	DESCRIPTION	UNIT	QUANTITY
BRIDGE #225				
63	501(G)	CLSM BACKFILL	CY	47
64	504(A)	APPROACH SLAB	SY	139
65	504(B)	SAW-CUT GROOVING	SY	892
66	504(D)	CONCRETE RAIL (TR4)	LF	665
67	504(F)	HANDRAILING	LF	333
68	506(A)	STRUCTURAL STEEL M270 GRADE 50W	LB	59,360
69	507(A)	WEATHERING STEEL FIXED BEARING ASSEMBLY	EA	5
70	507(B)	WEATHERING STL EXP. BEARING ASSEMBLY	EA	5
71	509(A)	CLASS AA CONCRETE	CY	282
72	509(C)	CLASS A CONCRETE, SMALL STRUCTURES	CY	2
73	511(B)	EPOXY COATED REINFORCING STEEL	LB	79,950
74	512	CLEANING BRIDGE SURFACES	SY	50
75	512(B)	PAINTING EXISTING STRUCTURES	LSUM	1
76	512(B)	COLLECTION AND HANDLING OF WASTE	SF	1,060
77	515(A)	WATER REPELLENT (VISUALLY INSPECTED)	SY	806
78	518(C)	RAPID CURE JOINT SEALANT	LF	128
79	518(D)	ELASTOMERIC MORTAR	CF	12
80	520(A)	PREPARATION OF CRACKS, ABOVE WATER	LF	101
81	520(C)	EPOXY RESIN, ABOVE WATER	GAL	1
82	521(A)	PNEUMATICALLY PLACED MORTAR	SY	36
83	523(A)	SEALER CRACK PREPARATION	LF	63
84	523(B)	SEALER RESIN	GAL	1
85	535	CORROSION INHIBITOR(SURFACE APPLIED)	SY	47
86	619(B)	REMOVAL OF BRIDGE ITEMS	LSUM	1

ITEM NUMBER	SPEC NO.	DESCRIPTION	UNIT	QUANTITY
TRAFFIC				
87	COT 601	PULL BOX SIZE I	EA	1
88	COT 601	PULL BOX SIZE II	EA	11
89	COT 601	PULL BOX SIZE III	EA	2
90	COT602	2" SCH 40 PVC CONDUIT TRENCHED	LF	80
91	COT602	3" SCH 40 PVC CONDUIT TRENCHED	LF	21
92	COT602	(2)-3" SCH 40 PVC CONDUIT TRENCHED	LF	454
93	COT602	(4)-3" SCH 40 PVC CONDUIT TRENCHED	LF	25
94	COT602	2" HDPE SCH 40 CONDUIT (DIRECTIONAL BORE)	LF	50
95	COT602	(2)-3" HDPE SCH 40 CONDUIT (DIRECTIONAL BORE)	LF	800
96	COT 604	6'X6' LOOP DETECTOR	EA	2
97	COT 604	LOOP LEAD-IN WIRE	LF	35
98	COT 608	GROUND SIGN	SF	346
99	COT 608	1-1/2" SIGN POST	LF	84
100	COT 608	1-3/4" SIGN POST	LF	430
101	COT 608	2" SIGN POST	LF	129
102	COT 620	VIDEO DETECTION SYSTEM	EA	2
103	COT 611	2#14 SHIELDED ELECTRICAL CONDUCTOR WITH GROUND	LF	1,780
104	COT 611	2#14 SHIELDED ELECTRICAL CONDUCTOR	LF	100
105	COT 611	4#14 TRAFFIC SIGNAL ELECTRIC CABLE	LF	650
106	COT 611	7#14 TRAFFIC SIGNAL ELECTRIC CABLE	LF	1,500
107	COT 611	20#14 TRAFFIC SIGNAL ELECTRIC CABLE	LF	1,000
108	COT 611	GREEN #12 THHN ELECTRICAL CONDUCTOR	LF	1,500
109	COT 611	GREEN #6 THHN ELECTRICAL CONDUCTOR	LF	1,000
110	COT 626	TRAFFIC SIGNAL MAINTENANCE	HR	16
111	COT 626	SIGNAL MODIFICATIONS FOR LANE CLOSURES (PER SIGNALIZED INTERSECTION)	EA	3

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1/22/2026

ROADWAY					
ITEM	SPEC. NO.	DESCRIPTION	PAY ITEM NOTE	UNIT	TOTAL
1	201(A)	CLEARING AND GRUBBING	(E-1, 2)	AC	3
2	202(A)	UNCLASSIFIED EXCAVATION	(E-3, 4) (R-1) (105, 106)	CY	268
3	202(D)	UNCLASSIFIED BORROW	(G-1) (110)	CY	25
4	220	SWPPP DOCUMENTATION AND MANAGEMENT	(E-6, 7, 8, 9)	LSUM	1
5	230(A)	SOLID SLAB SODDING	(E-10, 11)	SY	116
6	303(A)	AGGREGATE BASE TYPE A	(S-1, 2) (104)	CY	253
7	310(B)	SUBGRADE METHOD B	(G-1)	SY	499
8	325	SEPARATOR FABRIC	(S-3)	SY	1,031
9	409(A)	FABRIC REINFORCEMENT (TENSAR GP50)	(S-4)	SY	24,353
10	411(C)	SUPERPAVE, TYPE S4 (PG 70-28 OK) (INSOLUBLE)	(S-5, 6, 7, 8, 23)	TON	2,730
11	411(E)	SUPERPAVE, TYPE S6 (PG 70-28 OK)	(S-5, 6, 7, 8, 23) (G-1)	TON	344
12	412	COLD MILLING PAVEMENT	(S-9, 22, 23)	SY	24,353
13	609(B)	COMBINED CURB & GUTTER (6" BARRIER)	(S-12, 13, 15, 16) (G-1) (111)	LF	289
14	610(A)	4" CONCRETE SIDEWALK	(S-12, 13, 16, 17)	SY	96
15	610(B)	6" CONCRETE DRIVEWAY (CLASS A)	(S-12, 13, 16, 17, 23)	SY	261
16	610(C)	6" CONCRETE DIVIDING STRIP	(S-12, 13)	SY	137
17	610(I)	TACTILE WARNING DEVICE - NEW		SF	40
18	619(A)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(R-1, 2, 3, 4, 5)	LSUM	1
19	619(B)	REMOVAL OF ASPHALT PAVEMENT	(R-1, 2, 5, 6)	SY	238
20	619(B)	REMOVAL OF CONCRETE PAVEMENT	(R-1, 2, 5, 6)	SY	80
21	619(B)	REMOVAL OF CONCRETE DRIVEWAY	(S-22) (R-1, 2, 5, 6)	SY	205
22	619(B)	REMOVAL OF CURB AND GUTTER	(R-1, 2, 5, 6)	LF	44
23	619(B)	REMOVAL OF SIDEWALK	(R-1, 2, 5, 6)	SY	18
24	619(B)	REMOVAL OF GUARDRAIL	(R-2, 4, 5) (112)	LF	370
25	623(A)	BEAM GUARDRAIL W-BEAM SINGLE		LF	254
26	623(G)	GUARDRAIL END TREATMENT (31")		EA	5
27	623(I)	GUARDRAIL BRIDGE CONN-THRU BEAM (31")		EA	4
28	641	MOBILIZATION	(G-2) (101, 102)	LSUM	1
29	642(B)	CONSTRUCTION STAKING LEVEL II	(G-3, 4)	EA	1
30	805(A)	REMOVAL OF TRAFFIC ITEMS	(T-1, 9)	EA	27
31	805(D)	REMOVE AND RESET SIGN		EA	1
32	855(A)	TRAFFIC STRIPE (PLASTIC) (4" WIDE)	(T-3)	LF	19,293
33	855(A)	TRAFFIC STRIPE (PLASTIC) (8" WIDE)	(T-3)	LF	450
34	855(A)	TRAFFIC STRIPE (PLASTIC) (24" WIDE)	(T-3)	LF	184
35	855(B)	TRAFFIC STRIPE (PLASTIC) (ARROWS)	(T-3)	LF	6
36	853	GUARDRAIL DELINEATORS (TYPE 2, CODE 1)		EA	13
37	857(C)	REMOVABLE PAVEMENT MARKING TAPE (4" WIDE)		LF	15,000
38	857(F)	PAVEMENT MARKING REMOVAL (TRAFFIC STRIPE)		LF	15,000
39	877(B)	DELIVER PORTABLE LONGITUDINAL BARRIER		LF	100
40	880(A)	ARROW DISPLAY	(T-4) (201)	SD	500
41	880(B)	CONSTRUCTION SIGNS 0.00 TO 6.25 SF	(T-2, 4, 5) (201, 202)	SD	8,750
42	880(B)	CONSTRUCTION SIGNS 6.26 TO 15.99 SF	(T-2, 4, 5) (201, 202)	SD	2,500
43	880(B)	CONSTRUCTION SIGNS 16.00 AND UP	(T-2, 4, 5) (201, 202)	SD	5,000
44	880(C)	BARRICADES (TYPE III)	(T-2, 4, 5) (201)	SD	2,500
45	880(E)	WARNING LIGHTS (TYPE A)	(T-4, 5) (201)	SD	8,000
46	880(E)	WARNING LIGHTS (TYPE C)	(T-4, 5) (201)	SD	17,500
47	880(F)	DRUMS	(T-2, 4, 5) (201)	SD	17,500
48	880(I)	FLAGGER	(T-6)	FD	50
49	882(B)	REMOTE CONTROLLED CHANGEABLE MESSAGE SIGN	(T-4) (201)	SD	1,000
50	COT 102	PROJECT SIGN (CITY OF TULSA)	(T-7) (204)	EA	2
51	COT 202	QUICK SET FLOWABLE FILL	(S-1) (G-1)	CY	25
52	COT 327	SAFETY FENCE	(203)	LF	2,500
53	COT 334	CONSTRUCTION AS-BUILT		LSUM	1
54	COT 335	CONTRACTOR QUALITY CONTROL		LSUM	1
55	SPECIAL	STABILIZED CONSTRUCTION ENTRANCE	(G-1)	EA	2
56	SPECIAL	TYPE I AC PATCH	(S-21) (G-1)	CY	57
57	SPECIAL	TYPE I PCC PATCH	(S-21) (G-1) (103)	CY	8
58	SPECIAL	TYPE I APC PATCH	(S-21) (G-1) (103)	CY	25
59	SPECIAL	CURB RAMP		EA	4
60	SPECIAL	SIGNAGE FOR LOCAL BUSINESS ACCESS (BAS-1)	(T-4) (205)	SD	5,750
61	SPECIAL	URBAN RIGHT OF WAY RESTORATION	(G-5, 6, 7, 9, 10) (107, 108, 109)	EA	1
62	SPECIAL	OWNERS ALLOWANCE		EA	25,000

BRIDGE #225					
ITEM	SPEC. NO.	DESCRIPTION	PAY ITEM NOTE	UNIT	TOTAL
63	501(G)	CLSM BACKFILL		CY	47
64	504(A)	APPROACH SLAB	(S-12, 301, 306, 307)	SY	139
65	504(B)	SAW-CUT GROOVING		SY	892
66	504(D)	CONCRETE RAIL (TR4)	(S-12)	LF	665
67	504(F)	HANDRAILING		LF	333
68	506(A)	STRUCTURAL STEEL M270 GRADE 50W		LB	59,360
69	507(A)	WEATHERING STEEL FIXED BEARING ASSEMBLY		EA	5
70	507(B)	WEATHERING STL EXP. BEARING ASSEMBLY		EA	5
71	509(A)	CLASS AA CONCRETE	(S-12)	CY	282
72	509(C)	CLASS A CONCRETE, SMALL STRUCTURES	(S-12, 301, 305)	CY	2
73	511(B)	EPOXY COATED REINFORCING STEEL		LB	79,950
74	512	CLEANING BRIDGE SURFACES		SY	50
75	512(B)	PAINTING EXISTING STRUCTURES		LSUM	1
76	512(B)	COLLECTION AND HANDLING OF WASTE		SF	1,060
77	515(A)	WATER REPELLENT (VISUALLY INSPECTED)		SY	806
78	518(C)	RAPID CURE JOINT SEALANT		LF	128
79	518(D)	ELASTOMERIC MORTAR		CF	12
80	520(A)	PREPARATION OF CRACKS, ABOVE WATER	(302, 303)	LF	101
81	520(C)	EPOXY RESIN, ABOVE WATER	(302)	GAL	1
82	521(A)	PNEUMATICALLY PLACED MORTAR		SY	36
83	523(A)	SEALER CRACK PREPARATION	(301)	LF	63
84	523(B)	SEALER RESIN	(301)	GAL	1
85	535	CORROSION INHIBITOR (SURFACE APPLIED)		SY	47
86	619(B)	REMOVAL OF BRIDGE ITEMS	(R-1, 304)	LSUM	1

TRAFFIC					
ITEM	SPEC. NO.	DESCRIPTION	PAY ITEM NOTE	UNIT	TOTAL
87	COT 601	PULL BOX SIZE I		EA	1
88	COT 601	PULL BOX SIZE II		EA	11
89	COT 601	PULL BOX SIZE III		EA	2
90	COT 602	2" SCH 40 PVC CONDUIT TRENCHED	(T-8)	LF	80
91	COT 602	3" SCH 40 PVC CONDUIT TRENCHED	(T-8)	LF	21
92	COT 602	(2)-3" SCH 40 PVC CONDUIT TRENCHED	(T-8)	LF	454
93	COT 602	(4)-3" SCH 40 PVC CONDUIT TRENCHED	(T-8)	LF	25
94	COT 602	2" HDPE SCH 40 CONDUIT (DIRECTIONAL BORE)	(T-8)	LF	50
95	COT 602	(2)-3" HDPE SCH 40 CONDUIT (DIRECTIONAL BORE)	(T-8)	LF	800
96	COT 604	6"X6" LOOP DETECTOR		EA	2
97	COT 604	LOOP LEAD-IN WIRE		LF	35
98	COT 608	GROUND SIGN	(113)	SF	346
99	COT 608	1-1/2" SIGN POST	(113)	LF	84
100	COT 608	1-3/4" SIGN POST	(113)	LF	430
101	COT 608	2" SIGN POST	(113)	LF	129
102	COT 620	VIDEO DETECTION SYSTEM	(T-10)	EA	2
103	COT 611	2#14 SHIELDED ELECTRICAL CONDUCTOR WITH GROUND		LF	1,780
104	COT 611	2#14 SHIELDED ELECTRICAL CONDUCTOR		LF	100
105	COT 611	4#14 TRAFFIC SIGNAL ELECTRIC CABLE		LF	650
106	COT 611	7#14 TRAFFIC SIGNAL ELECTRIC CABLE		LF	1,500
107	COT 611	20#14 TRAFFIC SIGNAL ELECTRIC CABLE		LF	1,000
108	COT 611	GREEN #12 THHN ELECTRICAL CONDUCTOR		LF	1,500
109	COT 611	GREEN #6 THHN ELECTRICAL CONDUCTOR		LF	1,000
110	COT 626	TRAFFIC SIGNAL MAINTENANCE		HR	16
111	COT 626	SIGNAL MODIFICATIONS FOR LANE CLOSURES (PER SIGNALIZED INTERSECTION)		EA	3

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.



PAY ITEMS & NOTES
(1 OF 3)

ARTERIAL STREET REHABILITATION
E. PINE ST. (MINGO RD. TO GARNETT RD.) &
BRIDGE #225 OVER MINGO CREEK
PROJECT NO.
2436B005Z-225, 2037B0225Z, 2036A0044Z

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS DEPARTMENT



REVISION	BY	DATE	PLAN SCALE	DRAWN	ES	10/25	APPROVED:
△ REVISED QUANTITIES	KE	01/23/26	NA	NA	KLE	10/25	
				SURVEY	RDL	10/25	
			PROFILE SCALE	FIELD MGR			
			HORIZONTAL: NA	PROJECT MGR			
			VERTICAL: NA	LEAD ENGR			
				RECOMMENDED			
				DESIGN MANAGER	HMS		
			FILE: 1430405-C-Pay Items 01.dgn				CITY ENGINEER
			ATLAS PAGE NO.: 172, 173				DATE: OCTOBER 2025
							SHEET 3 OF 54 SHEETS



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SUMMARY OF SURFACING																	
REHAB PLAN NO.	ALIGNMENT	STATION TO STATION	UNCLASSIFIED EXCAVATION	SOLID SLAB SODDING	AGGREGATE BASE TYPE A	SUBGRADE METHOD B	SEPARATOR FABRIC	FABRIC REINFORCEMENT (TENSAR GP50)	SUPERPAVE, TYPE S4 (PG 70-28 OK) (INSOLUBLE)	SUPERPAVE, TYPE S6 (PG 70-28 OK)	COLD MILLING PAVEMENT	COMBINED CURB & GUTTER (6" BARRIER)	4" CONCRETE SIDEWALK	6" CONCRETE DIVIDING STRIP	TYPE I AC PATCH	TYPE I PCC PATCH	TYPE I APC PATCH
			202(A)	230(A)	303(A)	310(B)	325	409(A)	411(C)	411(E)	412	609(B)	610(A)	610(C)	SPECIAL	SPECIAL	SPECIAL
			CY	SY	CY	SY	SY	SY	TON	TON	SY	LF	SY	SY	CY	CY	CY
1	E. PINE ST.	13+07.10 - 18+00.00	0	0	2	0	0	2,656	298	38	2,656	0	0	0	0	0	0
2	E. PINE ST.	18+00.00 - 28+00.00	0	37	4	0	0	2,730	306	39	2,730	65	32	0	0	0	0
3	E. PINE ST.	28+00.00 - 38+00.00	24	76	16	35	104	3,812	427	54	3,812	5	64	0	0	8	0
4	E. PINE ST.	38+00.00 - 48+00.00	0	0	5	2	0	7,274	815	102	7,274	22	0	3	0	0	0
5	E. PINE ST.	48+00.00 - 58+00.00	83	0	90	258	349	6,183	693	87	6,183	197	0	134	31	0	0
6	E. PINE ST.	58+00.00 - 61+11.40	3	0	3	4	13	1,698	191	24	1,698	0	0	0	1	0	0
SUBTOTALS			110	113	120	299	466	24,353	2,730	344	24,353	289	96	137	32	8	0
TO BE USED AS DEEMED NECESSARY BY ENGINEER			133	3	67	200	565	0	0	0	0	0	0	0	25	0	25
TOTALS			243	116	187	499	1,031	24,353	2,730	344	24,353	289	96	137	57	8	25

SUMMARY OF REMOVALS									
REHAB PLAN NO.	ALIGNMENT	STATION TO STATION	ASPHALT PAVEMENT	CONCRETE PAVEMENT	CONCRETE DRIVEWAY	CURB & GUTTER	SIDEWALK	GUARDRAIL	TRAFFIC ITEMS
			619(B)	619(B)	619(B)	619(B)	619(B)	619(B)	805(A)
			SY	SY	SY	LF	SY	LF	EA
1	E. PINE ST.	9+85.95 - 18+00.00	0	0	0	0	0	0	0
2	E. PINE ST.	18+00.00 - 28+00.00	134	0	0	0	0	110	1
3	E. PINE ST.	28+00.00 - 38+00.00	104	80	0	0	18	260	5
4	E. PINE ST.	38+00.00 - 48+00.00	0	0	0	22	0	0	12
5	E. PINE ST.	48+00.00 - 58+00.00	0	0	205	22	0	0	9
6	E. PINE ST.	58+00.00 - 62+00.28	0	0	0	0	0	0	0
TOTALS			238	80	205	44	18	370	27

SUMMARY OF GUARDRAIL							
ALIGNMENT	STATION TO STATION						
E. PINE ST.	23+39.86 RT TO 25+21.11 RT	140.63	3	1	309.38	6	
E. PINE ST.	25+02.36 LT TO 25+21.11 LT	0	0	1	18.75	1	
E. PINE ST.	28+51.77 LT TO 30+08.02 LT	87.5	1	1	156.25	4	
E. PINE ST.	28+51.77 RT TO 29+00.27 RT	25	1	1	93.75	2	
TOTALS		254	5	4	578.13	13	

DRIVEWAY SUMMARY						
	Rehabilitation Plan	Station	Side	AGGREGATE BASE TYPE A	6" CONCRETE DRIVEWAY (CLASS A)	Existing Description
				303(A)	610(B)	
				CY	SY	
E. PINE ST.						
099	1	13+98	LT	0	0	CONC/GRASS
100	1	15+03	RT	0	0	GRAVEL
101	1	15+59	LT	0	0	CONC
102	2	18+86	RT	0	0	GRAVEL
103	2	22+71	LT	0	0	CONC
104	2	24+59	LT	0	0	CONC
105	3	29+28	RT	0	0	ASPH
106	3	36+04	RT	0	0	ASPH
107	3	36+81	LT	0	0	CONC
108	4	39+16	RT	0	0	ASPH
109	4	41+45	RT	0	0	ASPH
110	5	52+32	RT	0	0	CONC
111	5	53+41	LT	11	61	CONC
112	5	54+87	RT	0	0	CONC
113	5	54+95	LT	24	144	CONC
114	5	56+13	RT	0	0	CONC
115	5	57+04	LT	0	0	CONC/ASPH
116	6	58+28	RT	0	0	CONC
117	6	58+54	LT	0	0	ASPH/CONC
118	6	59+98	RT	0	0	CONC/ASPH
119	6	60+17	LT	0	0	CONC
SUBTOTALS				35	205	
TO BE USED AS DEEMED NECESSARY BY ENGINEER				19	56	
TOTALS				54	261	

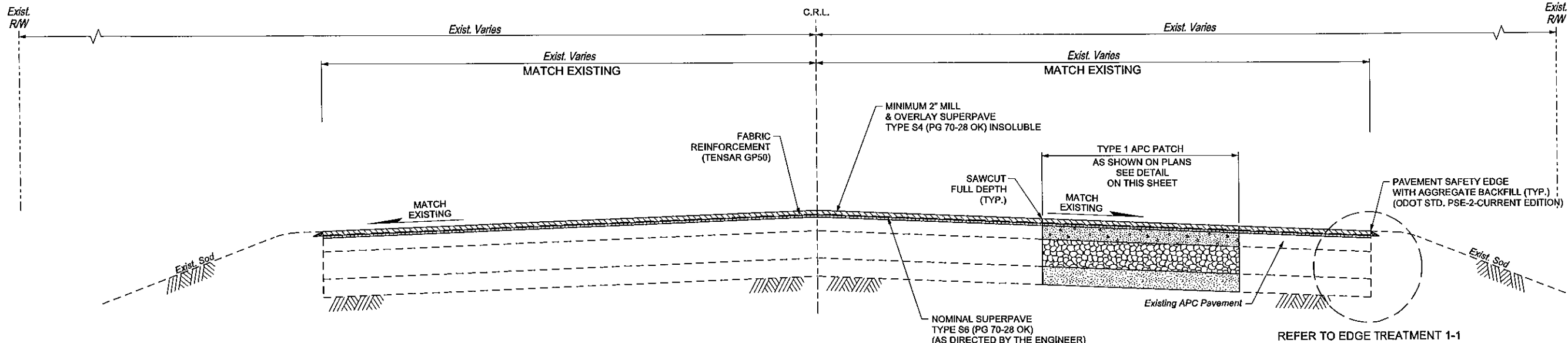
SUMMARY OF CURB RAMPS				
INTERSECTION	STANDARD RAMP TYPE		AGGREGATE BASE TYPE A	CURB RAMP
	A	B	303(A)	SPECIAL
	EA	EA	CY	EA
BRIDGE 225				
	W	1	3	1
	E	1	3	1
N. 105th E. AVE. AND E. PINE ST.				
	SW	1	3	1
	SE	1	3	1
TOTALS	2	2	12	4



REVISION	BY	DATE	PLAN SCALE	DRAWN	ES	10/25	APPROVED:
REVISED QUANTITIES	KE	01/23/26	1"=NA	DESIGNED	KLE	10/25	
			SURVEY	RDL		10/25	
			PROFILE SCALE	FIELD MGR			
			HORIZONTAL: 1"=NA	PROJECT MGR			
			VERTICAL: 1"=NA	LEAD ENGR			
				RECOMMENDED			
				DESIGN MANAGER			
FILE: 1400405-C-Summaries 01.dgn							CITY ENGINEER
ATLAS PAGE NO.: 172, 173							DATE: OCTOBER 2025
							SHEET 9 OF 54 SHEETS

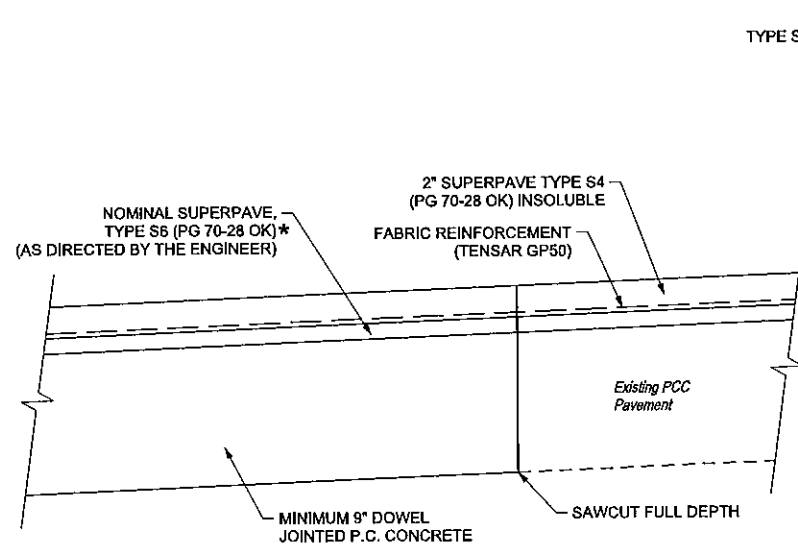


SUMMARIES (1 OF 2)	
ARTERIAL STREET REHABILITATION E. PINE ST. (MINGO RD. TO GARNETT RD.) & BRIDGE #225 OVER MINGO CREEK PROJECT NO. 2436B005Z-225, 2037B0225Z, 2036A0044Z	
CITY OF TULSA, OKLAHOMA PUBLIC WORKS DEPARTMENT	
 Benham Design, LLC 15 W 6th St, Suite 900 Tulsa, Oklahoma 74119 (918) 492-1600	
APPROVED:	

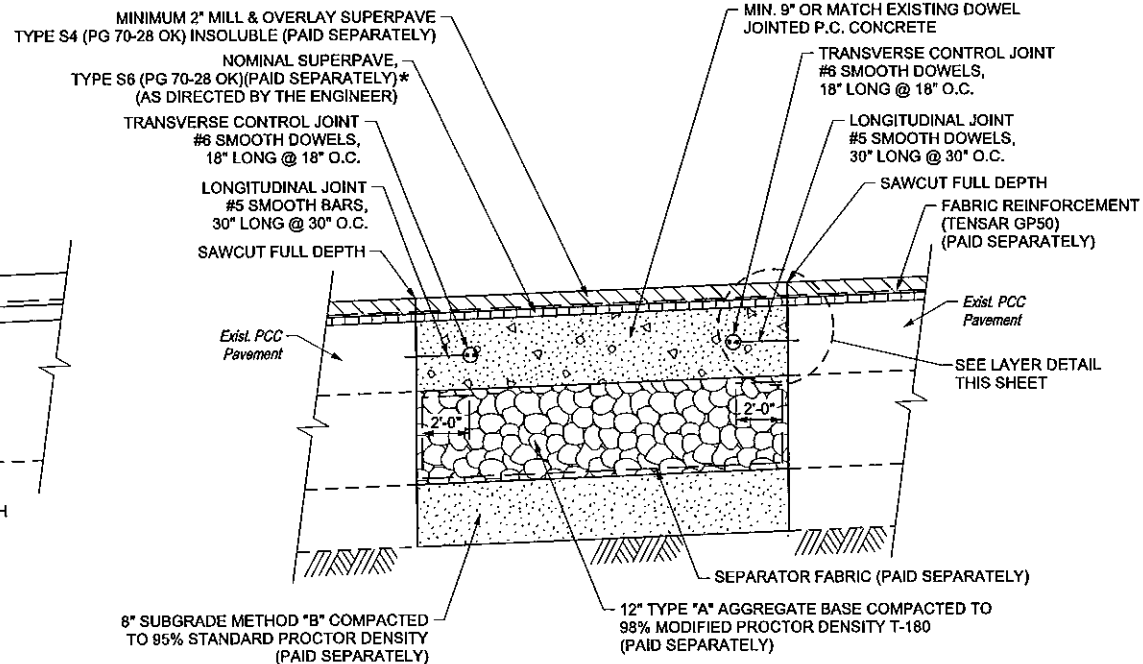


1 TYPICAL SECTION MILL & OVERLAY WITH TYPE 1 APC PATCH E. PINE ST. - STA. 13+07.10 TO STA. 25+20.21 N.T.S.

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



LAYER DETAIL
APC PAVEMENT N.T.S.



TYPE 1 APC PATCH DETAIL
ARTERIAL N.T.S.

PATCH NOTES:

- PATCH INCLUDES THE FOLLOWING:
- SAW CUTTING
 - REMOVAL OF THE EXISTING CONCRETE AND/OR ASPHALTIC CONCRETE ROADWAY (CY)
 - TYPE S3 ASPHALTIC CONCRETE OR PC CONCRETE COMPLETE AND IN PLACE PER DETAIL
 - SEALING OF EDGES AND TACK COAT

- DOES NOT INCLUDE THE FOLLOWING (PAID SEPARATELY):
- UNCLASSIFIED EXCAVATION (CY)
 - SUBGRADE METHOD B (SY)
 - SEPARATOR FABRIC (SY)
 - AGGREGATE BASE (TYPE A)
 - ASPHALT CONCRETE LEVELING COURSE SUPERPAVE, TYPE S6 (PG 70-28 OK)(TON)
 - FABRIC REINFORCEMENT (SY)
 - ASPHALT CONCRETE SURFACE COURSE SUPERPAVE, TYPE S4 (PG 70-28 OK)(TON)

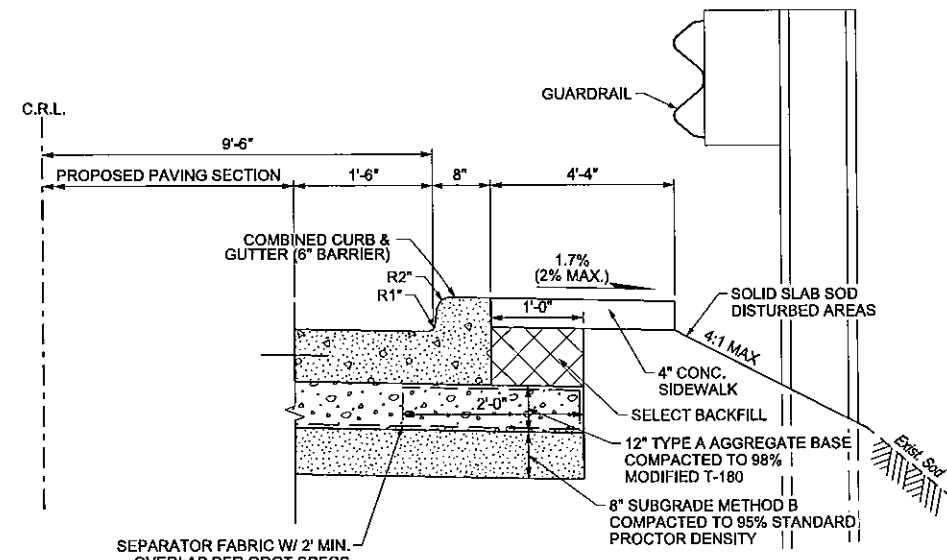
GENERAL NOTES:

JOINT LAYOUT SHALL BE IN ACCORDANCE WITH CITY OF TULSA STANDARD DRAWINGS NO. 726 & NO. 727, AS FEASIBLE.

MATCH EXISTING JOINTS WITH ADJUSTMENTS, AS NEEDED, AT DIRECTION OF ENGINEER.

TO BE BACKFILLED & COMPACTED AS PART OF FINISHING OPERATIONS. COST TO BE INCLUDED IN PRICE BID FOR 609(B), COMBINED CURB & GUTTER (6\"/>

* SUPERPAVE TYPE S6 LEVELING COURSE SHALL BE USED AT THE DISCRETION OF THE FIELD ENGINEER PRIOR TO PLACING THE FABRIC REINFORCEMENT AND MAY BE OMITTED IN ITS ENTIRETY.



EDGE TREATMENT 1-1

E. PINE ST. - STA. 24+55.95 TO STA. 25+20.51

N.T.S.






TYPICAL SECTIONS (1 OF 2)

ARTERIAL STREET REHABILITATION
E. PINE ST. (MINGO RD. TO GARNETT RD.) &
BRIDGE #225 OVER MINGO CREEK
PROJECT NO.
2436B005Z-225, 2037B0225Z, 2036A0044Z

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS DEPARTMENT



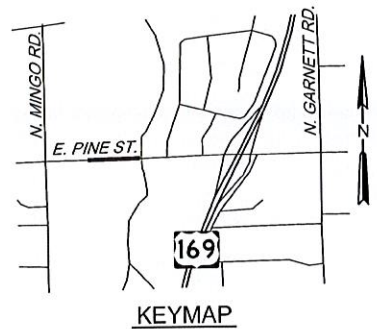
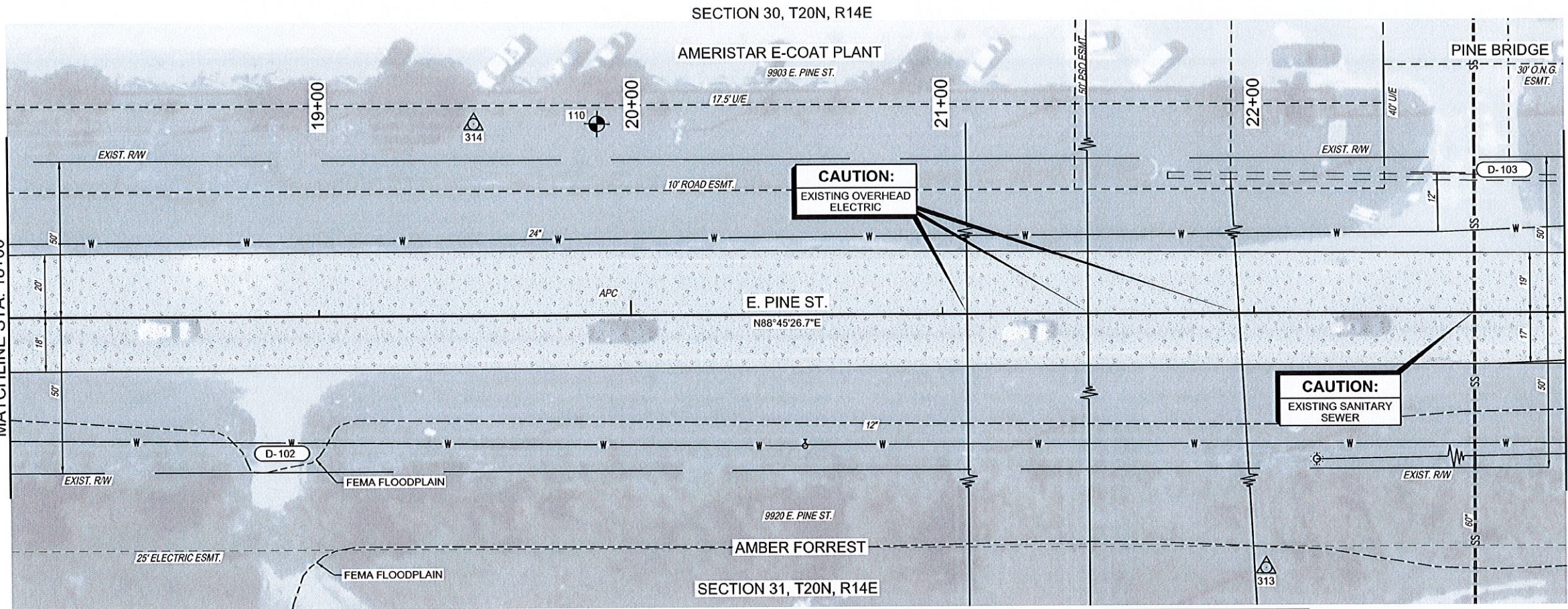
REVISION	BY	DATE	PLAN SCALE	DRAWN	ES	10/25	APPROVED:
 ADJUSTED SIDEWALK	KE	01/23/26	1"= NA	DESIGNED	KLE	10/25	 CITY ENGINEER
				SURVEY	RDL	10/25	
			PROFILE SCALE	FIELD MGR			
			HORIZONTAL: 1"= NA	PROJECT MGR			
				LEAD ENGR			
			VERTICAL: 1"= NA	RECOMMENDED			
				DESIGN MANAGER			
			FILE: 1400405-C-TypSheet 01.dgn				
			ATLAS PAGE NO.: 172, 173				
							

DATE: OCTOBER 2025
SHEET 11 OF 54 SHEETS

FILE: 1409405-C-TypSecs 01.dgn
ATLAS PAGE NO.: 172, 173
DATE: OCTOBER 2025
SHEET 11 OF 54 SHEETS

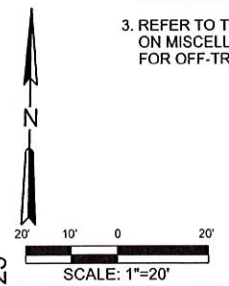
P:\140_Civ\140405 COT Pine St Bridge Rehab\2 Design\Working\CVL\07OpenRoads\140405_COT_PineSt\dwg\Sheets\140405-C-Plan02.dgn
9:15:49 AM
1/27/2026

SEE SHEET 21
MATCHLINE STA. 18+00

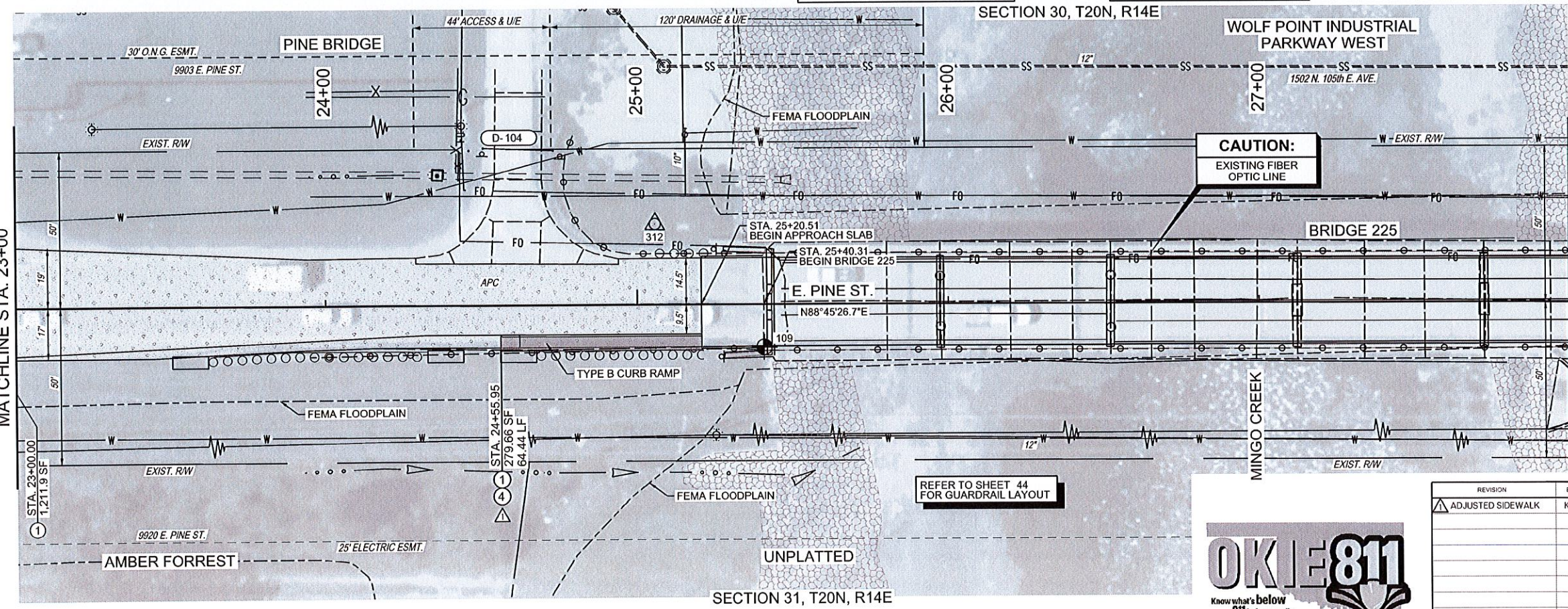


- LEGEND**
- MILL & OVERLAY
 - DRIVEWAY
 - PATCH
 - SIDEWALK
 - CURB & GUTTER
 - DRIVEWAY NO.
 - SIDEWALK
 - TYPE 1 AC PATCH
 - REMOVE & REPLACE DRIVE
 - CURB & GUTTER
 - TYPE 1 PCC PATCH (SEE NOTE 3)

- NOTES:**
- CONTRACTOR SHALL CONTACT UTILITY OWNERS PRIOR TO CONSTRUCTION TO VERIFY UTILITY LOCATIONS.
 - ALL EXISTING DRAINAGE STRUCTURES AND DITCHES SHALL BE CLEANED AND CLEARED OF ALL SEDIMENTATION AND DEBRIS TO THE RIGHT OF WAY. COST OF CLEARING SHALL BE INCLUDED IN THE PRICE BID FOR CLEARING AND GRUBBING.
 - REFER TO TYPE 1 PCC PATCH DETAIL ON MISCELLANEOUS DETAILS SHEET FOR OFF-TRACKING DETAIL.



MATCHLINE STA. 23+00

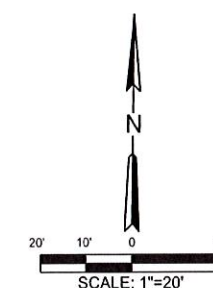
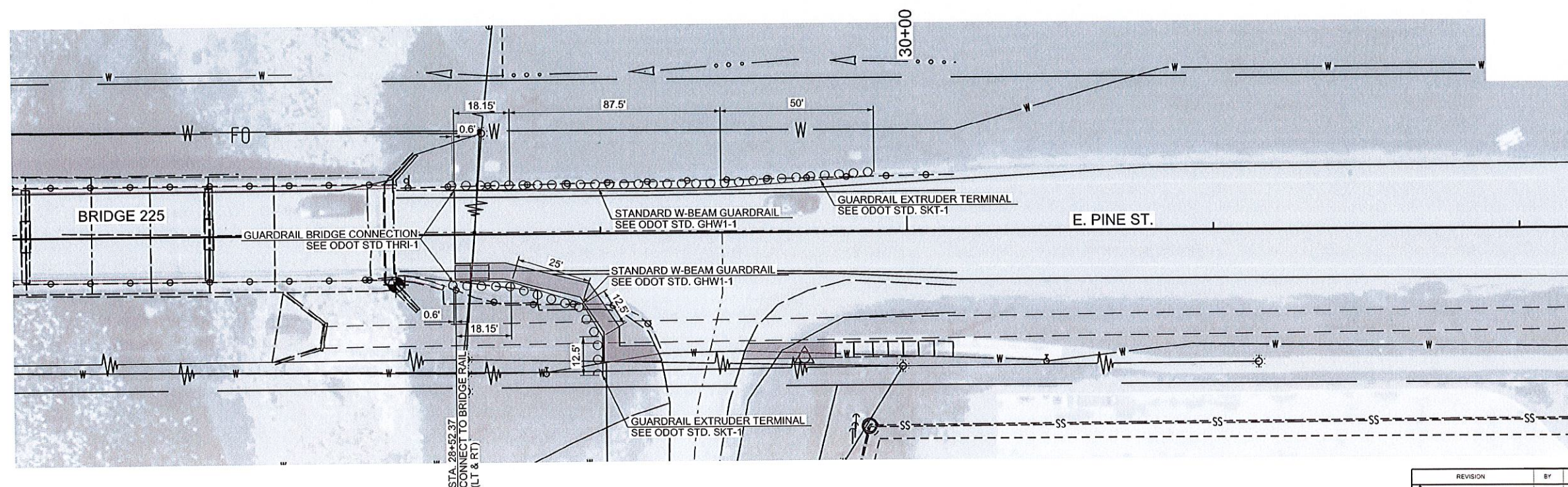
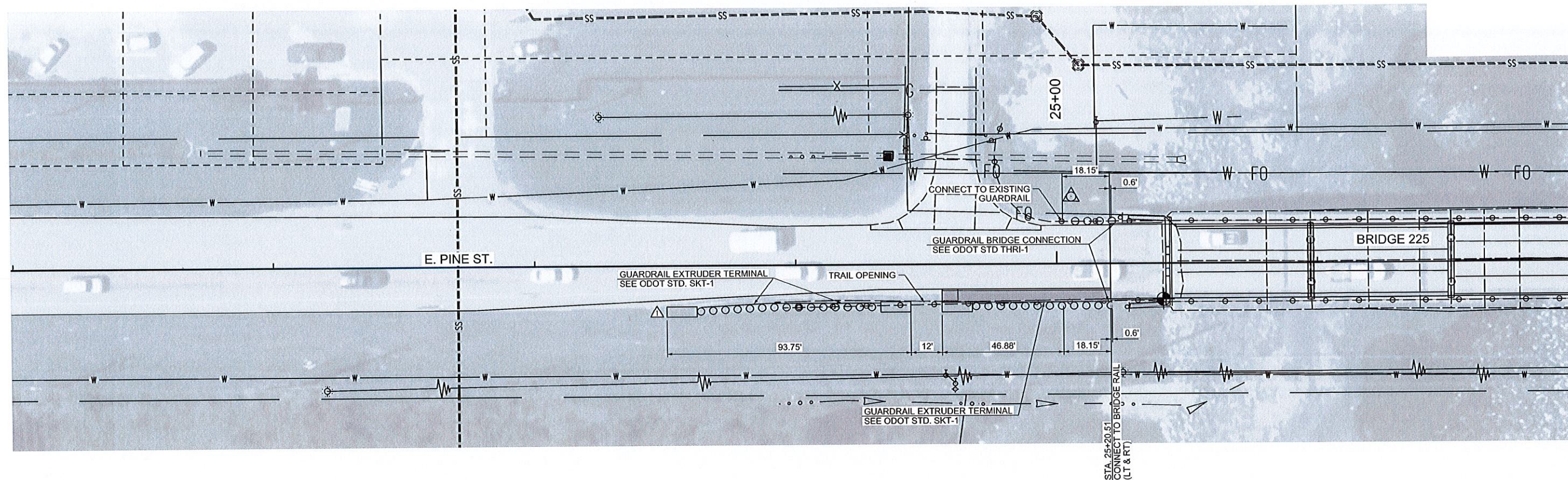


MATCHLINE STA. 28+00
SEE SHEET 23

REFER TO SHEET 44
FOR GUARDRAIL LAYOUT



REVISION	BY	DATE	PLAN SCALE	DRAWN	ES	10/25	APPROVED
ADJUSTED SIDEWALK	KE	01/23/26	1" = 20'	DESIGNED	KLE	10/25	
				SURVEY	RDL	10/25	
			PROFILE SCALE	FIELD MGR			
			HORIZONTAL	PROJECT MGR			
			VERTICAL	LEAD ENGR			
				RECOMMENDED			
				DESIGN MANAGER			
FILE: 140405-C-Plan02.dgn							CITY ENGINEER
ATLAS PAGE NO.: 172, 173							DATE: OCTOBER 2025
							SHEET 22 OF 54 SHEETS



GUARDRAIL LAYOUT

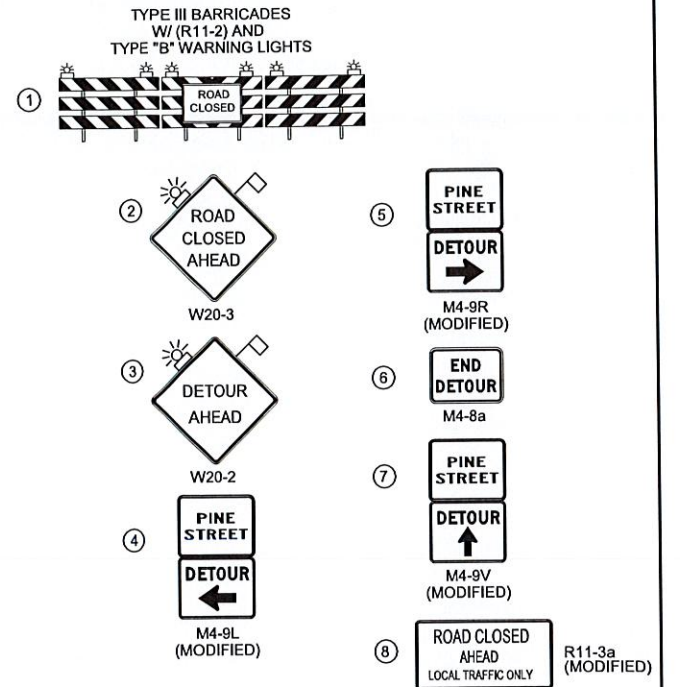
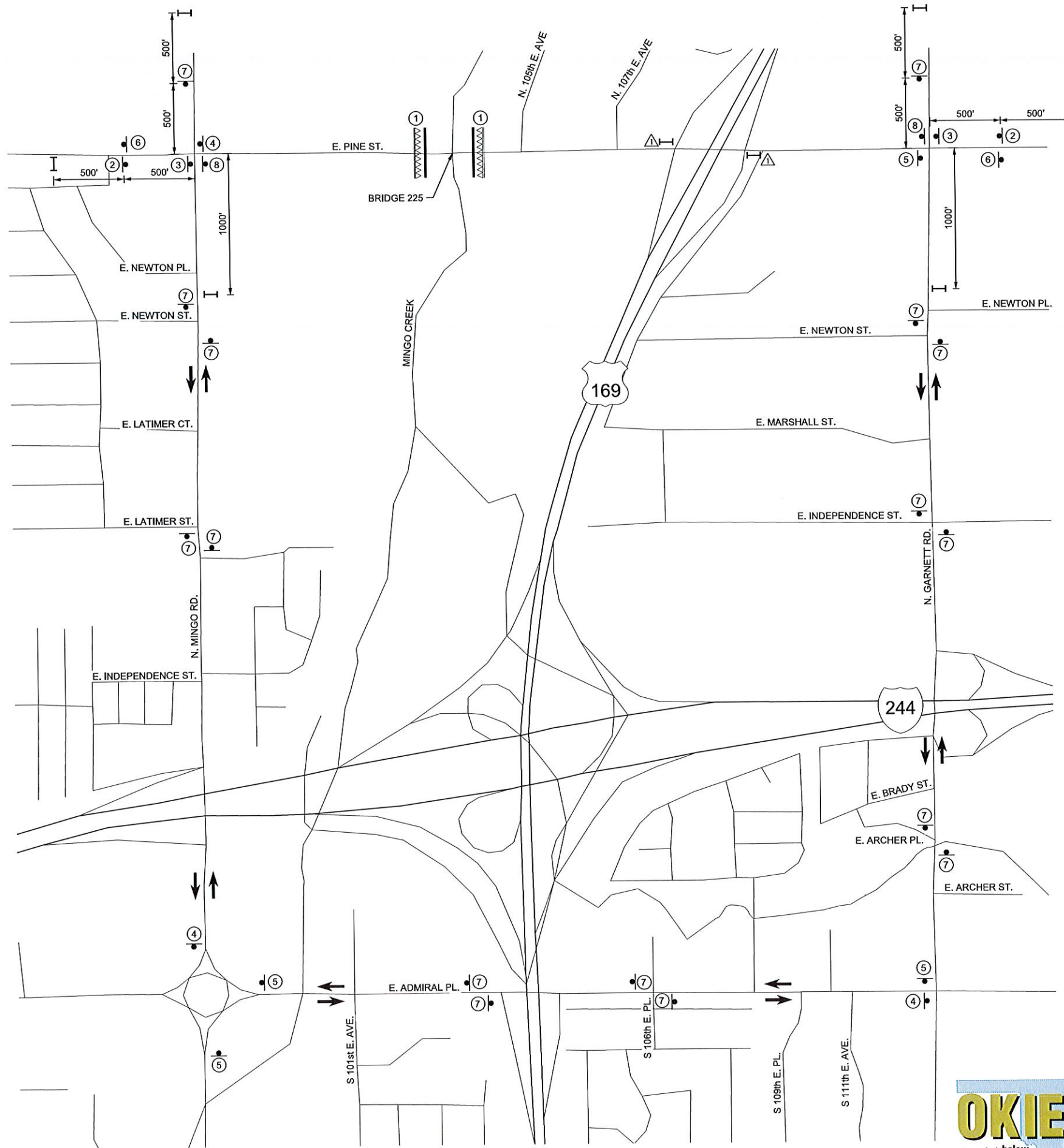
ARTERIAL STREET REHABILITATION
E. PINE ST. (MINGO RD. TO GARNETT RD.) &
BRIDGE #225 OVER MINGO CREEK
PROJECT NO.
2436B005Z-225, 2037B0225Z, 2036A0044Z

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS DEPARTMENT

REVISION	BY	DATE	PLAN SCALE	DRAWN	ES	10/25	APPROVED
 ADJUSTED GUARDRAIL	KE	01/23/26	1"= NA	DESIGNED	KLE	10/25	
				SURVEY	RDL	10/25	
			PROFILE SCALE HORIZONTAL:	FIELD MGR			
			1"= NA	PROJECT MGR			
			VERTICAL:	LEAD ENGR			CITY ENGINEER
			1"= NA	RECOMMENDED			
				DESIGN MANAGER			
			FILE: 1400405-C-Guardrail 01.dgn				DATE: OCTOBER 2025
			ATLAS PAGE NO.: 172, 173				SHEET 44 OF 54 SHEET

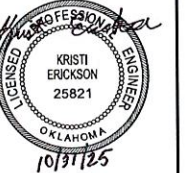
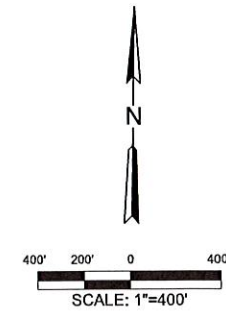



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LEGEND

- PORTABLE CHANGABLE MESSAGE SIGN
- SIGN
- TYPE III BARRICADE
- PORTABLE LONGITUDINAL BARRIER



DETOUR MAP									
ARTERIAL STREET REHABILITATION E. PINE ST. (MINGO RD. TO GARNETT RD.) & BRIDGE #225 OVER MINGO CREEK PROJECT NO. 2436B005Z-225, 2037B0225Z, 2036A0044Z									
CITY OF TULSA, OKLAHOMA PUBLIC WORKS DEPARTMENT									
 BENHAM a Haskell Company						Benham Design, LLC 15 W 6th St, Suite 900 Tulsa, Oklahoma 74119 (918) 492-1600			
PLAN SCALE		DRAWN		ES		10/25		APPROVED:	
1"= NA		DESIGNED		KLE		10/25			
		SURVEY		RDL		10/25			
PROFILE SCALE		FIELD MGR							
HORIZONTAL:		PROJECT MGR							
1"= NA									
VERTICAL:		LEAD ENGR							
1"= NA		RECOMMENDED							
		DESIGN MANAGER						CITY ENGINEER	
FILE: 140405Z-C-Detour 01.dgn									
ATLAS PAGE NO.: 172, 173									
		DATE: OCTOBER 2025							
		SHEET 52 OF 54 SHEETS							