

Legend

— CTV —	CABLE TELEVISION
— OHE —	OVERHEAD ELECTRIC LINE
— G —	GAS LINE
— SS —	SANITARY SEWER LINE
— ST —	STORM SEWER LINE
— T —	OVERHEAD TELEPHONE LINE
— UE —	UNDERGROUND ELECTRIC
— UT —	UNDERGROUND TELEPHONE
— UCTV —	UNDERGROUND CABLE TELEVISION
— WL —	WATER LINE
— X —	FENCE
CL	CENTERLINE
P/L	PROPERTY LINE
S	SECTION LINE
BMB	BRICK MAILBOX
BOC	BACK OF CURB
BWF	BARBED WIRE FENCE
CATV BOX	CABLE TELEVISION BOX
CLF	CHAIN LINK FENCE
CGMP	CORRUGATED METAL PIPE
CRL	CONSTRUCTION REFERENCE LINE
DGOI	DOUBLE GRATE DROP INLET
DIA	DIAMETER
EL	ELEVATION
EOP	EDGE OF PAVEMENT
EX	EXISTING
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOWLINE
FOC	FACE OF CURB
FO	FIBER OPTIC
GM	GAS METER
GTR	GUTTER
GUY	GUY ANCHOR
GV	GAS VALVE
HDWL	HEADWALL
HP	HIGH POINT
LP	LIGHT POLE
MB	MAILBOX
MH	MANHOLE
OIF	ORNAMENTAL IRON FENCE
PLE	PARKING LOT LIGHT
PP	POWER POLE
PPD	POWER POLE w/DROP
PPL	POWER POLE w/LIGHT
PPLT	POWER POLE w/LIGHT AND TRANSFORMER
PPT	POWER POLE w/TRANSFORMER
PRF	PIPE RAIL FENCE
PV	PAVING GRADE
RCB	REINFORCED CONCRETE BOX
RCAP	REINFORCED CONCRETE ARCH PIPE
RCP	REINFORCED CONCRETE PIPE
RJ	RESTRAINED JOINT
RP	REFLECTOR PADDOLE
RW	RIGHT-OF-WAY
SGDI	SINGLE GRATE DROP INLET
SGN	SIGN
SSMH	SANITARY SEWER MANHOLE
STA	STATION
STHW	STORM SEWER HEADWALL
SW	SIDEWALK
TC	TOP OF CURB GRADE
TCE	TEMPORARY CONSTRUCTION EASEMENT
TD/TPED	TELEPHONE PEDESTAL
TS	TRAFFIC SIGN
TG	TOP OF GRATE
TH	TOP OF HEADWALL
TMH	TELEPHONE MANHOLE
TP	TELEPHONE POLE
TPD	TELEPHONE POLE w/DROP
TPL	TELEPHONE POLE w/LIGHT
TR	TOP OF RIM
TSCB	TRAFFIC SIGNAL CONTROLLER
TSL	TRAFFIC SIGNAL LIGHT POLE
VPC	VERTICAL CURVE
VPI	VERTICAL POINT OF INTERSECTION
VPT	VERTICAL POINT OF TANGENT
WF	WOOD FENCE
WP	WOOD POST
WM	WATER METER
WV	WATER VALVE

DESIGN CRITERIA
 ADT 2018 = 15,899
 ADT 2038 = 28,715
 V = 40 MPH

CALL OKIE FOR A LIST OF CONTACTS IN THE AREA.

UTILITY/DEPARTMENT	NUMBER
CITY OF TULSA - UTILITY COORDINATION (TONY GLYNN)	918-596-9245
VERIZON	888-294-6804
OKLAHOMA NATURAL GAS	800-864-5463
AT&T	800-288-2020
AEP/PSO	888-216-3523
COX COMMUNICATIONS	918-806-6000
WINDSTREAM	800-347-1991

CONSTRUCTION PLANS FOR

ARTERIAL STREET REHABILITATION

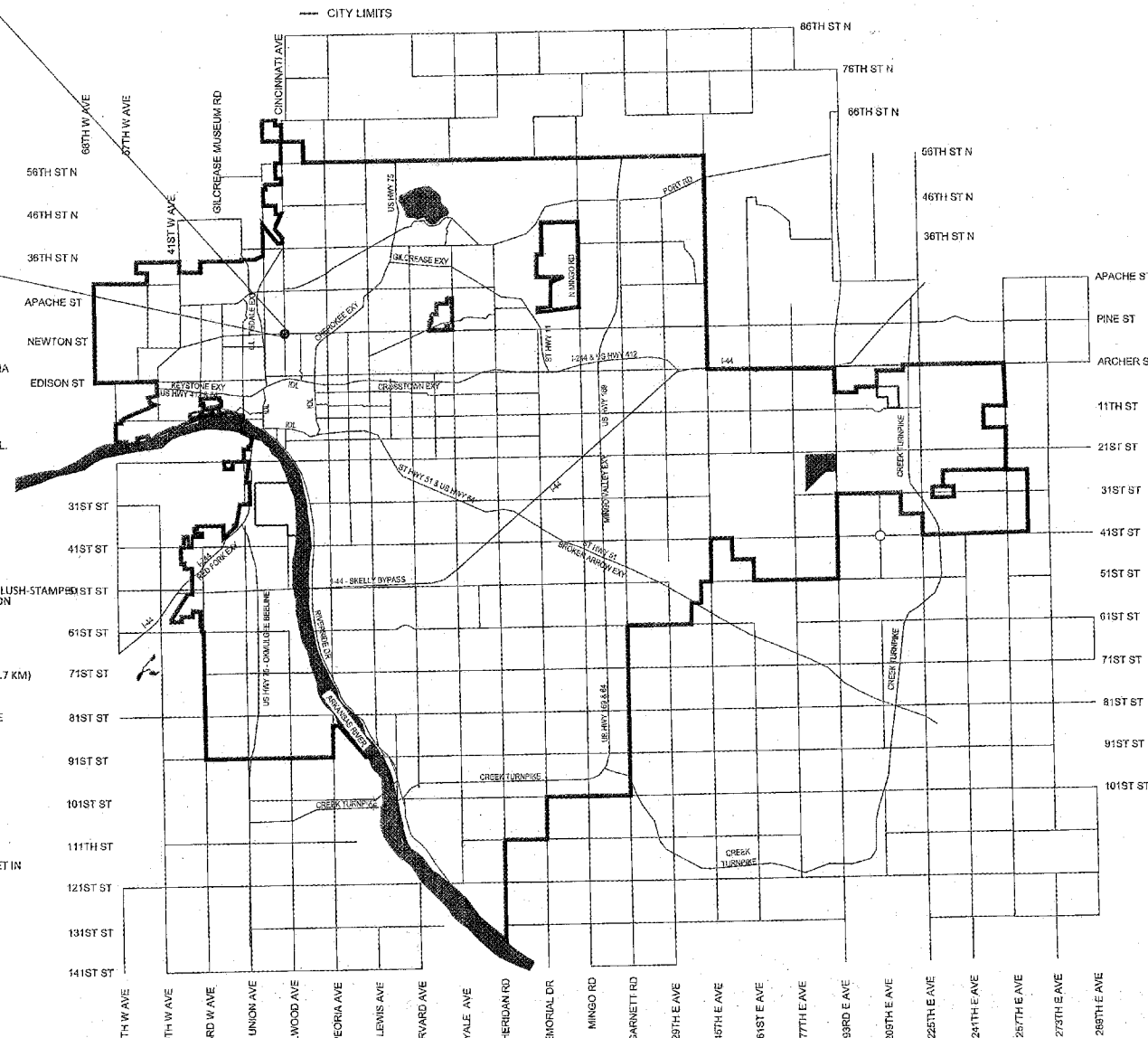
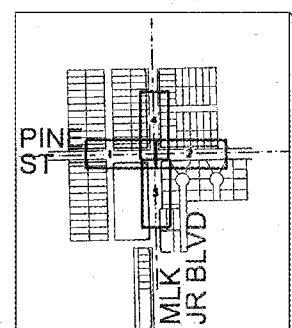
PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION

PROJECT NO. 144017-AP
 TMUA-W 17-33 & SWD NO. 11252

ACCOUNT NO. 144017.STREETS.5453104.6104-4053122.541106

CITY OF TULSA, OKLAHOMA PUBLIC WORKS

PROJECT LOCATION



SURVEY CONTROL DATA

- HORIZONTAL CONTROL
 - HORIZONTAL CONTROL FOR THIS SURVEY IS THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NAD 83.
 - ACCURACY - 3rd ORDER
- BEARING
 - THE BEARINGS SHOWN HEREIN OR HEREON ARE GRID BEARINGS DERIVED FROM USCGC OKLAHOMA STATE PLANE COORDINATE SYSTEM AND ARE NOT ASTRONOMICAL.
- VERTICAL CONTROLS
 - LEVEL DATUM IS MEAN SEA LEVEL (USCGC), NAVD 1988
 - ACCURACY - 3rd ORDER
- SITE SURVEY CONTROL POINTS WERE ESTABLISHED USING THE FOLLOWING TULSA CONTROL POINTS:

CONTROL DOCUMENTATION

ADS BENCHMARK #PW007-1 - 5/8" REBAR - 1 1/2" ALUMINUM CAP-FLUSH-STAMPED "64" SET NEAR 413 N. BOSTON AVE ON THE EAST SIDE OF BOSTON AVE ON THE SLOPE JUST SOUTH OF 1-244.

STA NAME: PW007-1
 N-428855.936
 E-2560719.529
 ELEV - 740.792 (NAVD 88)

ADS BENCHMARK #TA06 - THE STATION IS LOCATED ABOUT 7.3 MI (11.7 KM) SOUTH OF SPEAR, 6.7 MI (10.8 KM) WEST-SOUTHWEST OF MINGO AND 2.7 MI (4.3 KM) NORTH-NORTHEAST OF TULSA.

TO REACH THE STATION FROM THE INTERSECTION OF PEORIA AVENUE AND 26TH ST NORTH, GO WEST FOR 0.63 MI (0.39 MI) TO STATION ON THE RIGHT.

STATION MARKER IS AN ALUMINUM CAP SET IN CONCRETE. IT IS LOCATED 12.44 M (40.8 FT) NORTH OF THE CENTERLINE OF A 30 CM (12 INCH) STEEL POST, 7.59 M (24.9 FT) SOUTHEAST OF THE CENTERLINE OF A MAIN HOLE COVER, 27.71 M (90.9 FT) NORTH OF THE CENTERLINE OF APACHE.

STA NAME: TA06
 N-439987.414
 E-2563679.787
 ELEV - 653.73 (NAVD 88)

ADS BENCHMARK #64 - 5/8" REBAR - 1 1/2" ALUMINUM CAP-FLUSH-SET IN CONCRETE-STAMPED "64", SET N.W. OF THE INTERSECTION OF APACHE ST, AND UTICA AVE. 0.40' BELOW GROUND

STA NAME: 64
 N-440109.581
 E-2568295.152
 ELEV - 651.716 (NAVD 88)

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	PAY QUANTITIES AND NOTES - ROADWAY
4	PAY QUANTITIES AND NOTES - TRAFFIC
5	GENERAL NOTES ROADWAY
6	SUMMARY TABLES
7-9	TYPICAL SECTIONS
10	HORIZONTAL/VERTICAL CONTROL AND GEOMETRIC DATA
11	RIGHT-OF-WAY AND BORE LOCATION MAP
12	STORMWATER MANAGEMENT PLAN
13	EROSION CONTROL PLAN
14	ROADWAY KEY MAP
15-18	ROADWAY PLAN AND PROFILE
19-21	SIGNAL DESIGN SHEETS
22-23	SIGNING AND STRIPING PLAN
24	CONSTRUCTION SEQUENCE
25-40	TRAFFIC CONTROL PLAN

CITY OF TULSA STANDARDS

102	PROJECT SIGN
126	SILT FENCE AND CONSTR. ENTRANCE
401	MANHOLE GRADE ADJUSTMENT
601	PULL BOX INSTALLATION
602	CONDUIT INSTALLATION
603	SIGNAL POLE FOOTING DETAILS
606	EMERGENCY PRE-EMPTION DETAIL
608A	STREET NAME SIGNS
608B	TRAFFIC SIGNS
611C	POLE WIRING DETAILS
613	PEDESTAL AND MAST ARM POLE DETAILS
614A	TRAFFIC SIGNALS AND ACCESSORIES
616	MAST ARM BRACKETS
618	BONDING DIAGRAM
625	REMOVAL OF TRAFFIC ITEMS
706	COMMERCIAL DRIVEWAY
707	COMMERCIAL DRIVEWAY
713	PAVEMENT REMOVAL AND REPLACEMENT
714	PAVEMENT CUTS
725	STANDARD PAVEMENT PATCH AND REPAIR
726	ASPHALT PAVEMENT DETAILS FOR RESIDENTIAL AND COLLECTOR STREETS
790	STANDARD SIDEWALK RAMP

ODOT STANDARDS

TCS1-1-01	TCS5-1-02	TCS9-1-01	TCS19-1-01	PM1-1-03	LECS-5-3
TCS2-1-00	TCS6-1-02	TCS11-1-01	TCS20-1-00	PM6-1-00	LTU-5-1
TCS3-1-01	TCS7-1-02	TCS13-1-00	SSS-2-1	RSD1-1-00	
TCS4-1-01	TCS8-1-00	TCS14-1-00		RSD2-1-00	

PLANS PREPARED BY

GARVER, LLC
 6100 S. YALE AVE., SUITE 1300
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 (918) 858-0107 (FAX)
 CERT. OF AUTH. #4193
 EXPIRES 06-01-2028

SURVEYED BY

KEYSTONE ENGINEERING & SURVEYING
 923 S. LOWRY STREET
 STILLWATER, OK 74076
 405-743-3355
 CA#5877, RENEWAL 6-30-2019

ENGINEER'S STATEMENT

THIS PROJECT COMPLIES WITH ALL OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ) REQUIREMENTS AND IS ENTIRELY LOCATED WITHIN THE CORPORATE LIMITS OF THE CITY OF TULSA. CURRENT CITY OF TULSA STANDARD SPECIFICATIONS AND STANDARD DETAILS GOVERN. ALL OTHER CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 2019 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AS ADOPTED BY THE CITY OF TULSA.

ENTIRE PROJECT IS WITHIN THE CORPORATE LIMITS OF CITY OF TULSA (COT).

PREPARED BY

Damon Duane Damer 9/9/25
 DATE
 9/10/25 DATE

APPROVED BY

Goebel 12/5/2025
 DATE
 CITY ENGINEER DATE

ADVERTISEMENT DATE

IN ACCORDANCE WITH ODOT SECTION 105.14, THE COT IS ANTICIPATING THAT THE SUCCESSFUL CONTRACTOR WILL UTILIZE THE APPROPRIATE MEANS AND METHODS TO ACCOMPLISH THE WORK DESCRIBED IN THE PLANS WITHOUT CAUSING COLLATERAL DAMAGE TO THE EXISTING INFRASTRUCTURE.

CURRENT COT CONSTRUCTION BUDGETS DO NOT ALLOW FOR GROWTH OF THE PROJECT.

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PAY QUANTITIES

ROADWAY					
ITEM NO.	SPEC. NO.	DESCRIPTION	PAY NOTES	UNIT	QUANTITY
1	202(A)	UNCLASSIFIED EXCAVATION	(E-3,4)(R-1)	CY	304
2	220	SWPPP DOCUMENTATION AND MANAGEMENT	(E-8)(E-2,6,7)	LSUM	1
3	230(A)	SOLID SLAB SODDING	(E-10,11)	SY	232
4	303(A)	AGGREGATE BASE TYPE A	(S-2)	CY	624
5	310(B)	SUBGRADE, METHOD B		SY	1868
6	325	SEPARATOR FABRIC	(S-3)	SY	3213
7	409	FABRIC REINFORCEMENT (MIRAFI MPG4 OR APPROVED EQUAL)	(S-4)	SY	9731
8	411(C)	SUPERPAVE, TYPE S4 (PG 70-28 OK)	(S-5,6,7,8,23)	TON	1091
9	411(E)	SUPERPAVE, TYPE S6 (PG 64-22 OK)	(S-5,6,7,8,23)(G-1)(X-1)	TON	492
10	412	COLD MILL PAVEMENT	(S-9,23)	SY	8758
11	609(B)	COMBINED CURB AND GUTTER (6" BARRIER)	(S-12,13,15,16)	LF	2107
12	610(A)	4" CONCRETE SIDEWALK	(S-12,13,16,17)	SY	927
13	610(B)	6" CONCRETE DRIVEWAY (H.E.S.)	(S-12,13,16,17,23)	SY	539
14	610(I)	TACTILE WARNING DEVICE - NEW		SF	80
15	612(A)	MANHOLE ADJUSTED TO GRADE	(S-12)(R-2)(D-1,2,6)(X-2)	EA	2
16	612(E)	VALVE BOX ADJUSTED TO GRADE	(S-12)(R-2)(D-6)	EA	7
17	619(A)	REMOVAL OF STRUCTURES AND OBSTRUCTIONS	(R-1,2,3,4,5)	LSUM	1
18	619(B)	REMOVAL OF DRIVEWAYS	(S-22)(R-1,2,5)	SY	492
19	619(B)	REMOVAL OF CURB AND GUTTER	(R-1,2,5)	LF	2107
20	619(B)	REMOVAL OF SIDEWALK	(R-1,2,5)	SY	1049
21	619(B)	REMOVAL OF EXISTING SIGNS	(R-1,2,5)	EA	7
22	641	MOBILIZATION	(G-2)	EA	1
23	642	CONSTRUCTION STAKING LEVEL II	(G-3,4)	EA	1
24	805(A)	REMOVAL OF TRAFFIC ITEMS	(T-1)	LSUM	1
25	850(A)	SHEET ALUMINUM SIGNS		SF	71
26	851(C)	1 3/4" SQUARE TUBE POST		LF	102
27	851(C)	2" SQUARE TUBE POST		LF	27
28	855 (A)	TRAFFIC STRIPE (PLASTIC) (WHITE, 4" WIDE)	(T-3)	LF	2329
29	855 (A)	TRAFFIC STRIPE (PLASTIC) (YELLOW, 4" WIDE)	(T-3)	LF	3509
30	855 (A)	TRAFFIC STRIPE (PLASTIC) (WHITE, 8" WIDE)	(T-3)	LF	213
31	855 (A)	TRAFFIC STRIPE (PLASTIC) (YELLOW, 8" WIDE)	(T-3)	LF	364
32	855 (A)	TRAFFIC STRIPE (PLASTIC) (WHITE, 24" WIDE)	(T-3)	LF	523
33	855 (A)	TRAFFIC STRIPE (PLASTIC) (GREEN, 24" WIDE)	(T-3)	LF	42
34	855 (A)	TRAFFIC STRIPE (PLASTIC)(TAPE) (WHITE, 4" WIDE)	(T-3)	LF	8078
35	855 (A)	TRAFFIC STRIPE (PLASTIC)(TAPE) (YELLOW, 4" WIDE)	(T-3)	LF	12622
36	855 (B)	TRAFFIC STRIPE (PLASTIC) (SYMBOLS)	(T-3)	EA	3
37	855 (B)	TRAFFIC STRIPE (PLASTIC) (SHARROWS)	(T-3)	EA	2
38	855 (B)	TRAFFIC STRIPE (PLASTIC) (ARROWS)	(T-3)	EA	15
39	880(B)	CONSTRUCTION SIGNS 0.00 TO 6.25 SF	(T-2,4,5)	SD	9600
40	880(B)	CONSTRUCTION SIGNS 6.25 TO 15.99 SF	(T-2,4,5)	SD	4000
41	880(C)	CONSTRUCTION BARRICADES (TYPE III)	(T-2,4,5)	SD	2275
42	880(E)	TYPE "A" WARNING LIGHT	(T-5)	SD	8550
43	880(G)	TUBE CHANNELIZERS	(T-2,4)	SD	10825
44	882(B)	REMOTE CONTROLLED CHANGEABLE MESSAGE SIGN	(T-4)	SD	100
45	COT 334	CONSTRUCTION AS-BUILTS		LSUM	1
46	COT 335	CONTRACTOR'S QUALITY CONTROL		LSUM	1
47	SPECIAL	TYPE I APC PATCH	(S-21)(G-1)	CY	164
48	SPECIAL	TYPE 'A' CURB RAMP		EA	3
49	COT 202	QUICK SET FLOWABLE FILL	(S-4)(G-1)(D-8)	CY	17
50	SPECIAL	PROJECT SIGNS (COT STD 102)	(T-7)	EA	2
51	SPECIAL	URBAN RIGHT-OF-WAY RESTORATION	(G-5,6,7,8,9,10)	EA	1
52	SPECIAL	OWNER ALLOWANCE		EA	25000
53	SPECIAL	BUSINESS ACCESS SIGN		SD	1800
54	SPECIAL	TYPE 'AB' CURB RAMP		EA	3
55	SPECIAL	TYPE 'B' CURB RAMP		EA	1
56	SPECIAL	TYPE 'D' CURB RAMP		EA	1
57	610(A)	4" DECORATIVE CONCRETE SIDEWALK	(S-12,13,17,18)	SY	25

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.

S-18: STAMPED CONCRETE SIDEWALK SHALL BE INSTALLED WITH RUNNING BOND BRICK PATTERN. COLOR SHALL BE INTEGRAL AND MATCH HUE WITH FEDERAL STANDARD AMS-595 #21105 (RED), OR APPROVED EQUAL. PAINTING OF STAMPED CONCRETE IS PROHIBITED AND WILL RESULT IN REJECTION OF WORK PRODUCT. CONTRACTOR SHALL PROVIDE A 1'X1'X4" TEST SQUARE FOR APPROVAL BY ENGINEER PRIOR TO INSTALLATION, WITH ALL COST INCLUDED IN UNIT PRICE BID FOR STAMPED CONCRETE SIDEWALK.

PAY ITEM NOTES (11-14-2018)

E-1: NOT USED

E-2: ALL EXISTING DRAINAGE STRUCTURES 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.

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:

- AROUND INLETS TO PREVENT INFLOW OF ERODED MATERIAL INTO STORM SEWER SYSTEM;
 - IN LOCATIONS THROUGHOUT PROJECT SITE, AS DETERMINED BY THE ENGINEER, TO PREVENT WASH OF ERODED MATERIAL ONTO ADJACENT PROPERTY;
 - FOR ENTIRE DURATION OF PROJECT, WITH MAINTENANCE AND REPLACEMENTS, AS DIRECTED BY THE ENGINEER;
 - 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-9: NOT USED

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.

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.

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.

S-9: PRICE BID SHALL INCLUDE MAINTENANCE, SEDIMENT REMOVAL, DISPOSAL, AND REMOVAL OF FILTERS AT PROJECT COMPLETION.

S-8 (TABLE):

NOTE S8 (50) TABLE			
BINDER ² 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 PG 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 TO 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: NOT USED

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-19 TO 20: NOT USED

S-19

S-21: THIS PAY ITEM 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:

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

S-22: REMOVE AC PAVEMENT ON CONCRETE DRIVEWAYS APRONS AND GUTTERS DURING MILLING AND COLD MILLING.

S-23: REPLACE AC IN DRIVEWAY GUTTER, AS NEEDED, FOR POSITIVE STORMWATER DRAINAGE AND SMOOTH DRIVEWAY TRANSITIONS.



SUMMARY OF ROADWAY PAY ITEMS AND NOTES (SHEET 1 OF 2)			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY:			
		6100 S. YALE AVE. SUITE 1300 TULSA, OKLAHOMA 74136	
		Phone: (918) 250-5922 Fax: (918) 858-0107	
PLAN SCALE:	DRAWN	CTG	05/2025
	DESIGNED	ACF	05/2025
	SURVEY		
PROFILE SCALE:	PROJ. MGR.	RF	10/25
HORIZONTAL:	LEAD ENGR.	DA	11/25
	FIELD MGR.	RF	11/25
VERTICAL:	RECOMMENDED:		
	DESIGN MANAGER	AMS	11/25
FILE:	DRAWING:	DATE: 12/15/2025	
ATLAS PAGE NO.:	45, 46, 76, 77		SHEET 2 OF 40 SHEETS



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PAY ITEM NOTES (11-14-2018) CONTINUED

- R-1: WASTE MATERIAL TO BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE IN A MANNER APPROVED BY THE ENGINEER.
- R-2: ALL SAW CUTTING AND REMOVAL SHALL BE INCLUDED IN THE COST OF THE ITEM TO BE ADJUSTED, REMOVED, REPAIRED, OR REPLACED.
- R-3: PAY ITEM INCLUDES REMOVAL OF ALL STRUCTURES AND OBSTRUCTIONS WITHIN PROJECT LIMITS NOT SPECIFIED BY OTHER ITEMS OF WORK.
- R-4: INCLUDES SAWING NOT INCLUDED IN OTHER ITEMS OF WORK.
- R-5: ITEMS TO BE REMOVED MAY OR MAY NOT BE PRESENT IN ANY SPECIFIED CONDITION.
- R-6: NOT USED
- G-1: LOCATIONS TO BE DETERMINED IN THE FIELD AND WORK TO BE PERFORMED AT THE DIRECTION OF THE FIELD ENGINEER. QUANTITY IS ESTIMATED AND MAY BE OMITTED IN ITS ENTIRETY.
- G-2: MAXIMUM OVERALL DOLLAR AMOUNT AND SCHEDULE OF PAYMENTS SHALL BE IN ACCORDANCE WITH SECTION 641 OF THE OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, CURRENT EDITION. EXCLUDES MOBILIZATION FOR WATERLINE WORK.
- G-3: CONSTRUCTION STAKING SHALL INCLUDE SURVEYING AND THE FURNISHING, PLACING, AND MAINTAINING OF THE CONSTRUCTION LAYOUT STAKES NECESSARY FOR THE PROPER COMPLETION AND INSPECTION OF THE ENTIRE PROJECT.
- G-4: THE COST TO REPLACE REMOVED OR DAMAGED SECTION CORNERS AND ALL OTHER PERMANENT RIGHT OF WAY MARKERS SHALL BE INCLUDED IN THE PRICE BID FOR THIS ITEM. NO ADDITIONAL PAYMENT WILL BE MADE.
- G-5: CONTRACTOR SHALL REPAIR ANY IRRIGATION SYSTEMS DAMAGED OR REQUIRING RELOCATION DURING THE CONSTRUCTION OF THIS PROJECT TO THE SATISFACTION OF THE PROPERTY OWNER AND CITY ARBORIST. COST SHALL BE INCLUDED IN THE PRICE BID.
- G-6: ALL HOUSE NUMBERS SHALL BE REPLACED/ REESTABLISHED THROUGHOUT PROJECT LIMITS. COST TO BE INCLUDED IN URBAN RIGHT OF WAY RESTORATION. CONTRACTOR SHALL REESTABLISH DRAINS, ROOF DRAINS AND OTHER DRAINAGE THROUGH THE CURBS IN ACCORDANCE WITH CITY OF TULSA STANDARD 758. NO NEW CURB OUTLETS SHALL BE CONSTRUCTED WITHOUT APPROVAL OF THE ENGINEER.
- G-7: AN INTERNATIONAL SOCIETY OF ARBORICULTURE (ISA) CERTIFIED ARBORIST SHALL OVERSEE ALL PLANTINGS AND/OR REMOVAL OF TREES. CONTACT CITY ARBORIST TO ACCEPT FINAL PLANTINGS. CONTACT #: 918-596-2548
- G-8: TREE GRATES ARE NOT ACCEPTABLE PER CITY ARBORIST. CONCRETE PAVERS ARE TO BE USED AS NECESSARY AROUND TREES.
- G-9: CONTRACTOR SHALL COORDINATE WITH HOMEOWNERS TO RESET ALL PAVERS, LANDSCAPE STONE, PRIVATE SIDEWALKS AND FENCES THAT ARE DISTURBED DURING CONSTRUCTION OPERATIONS. ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED FOR RESETTING OF SUCH ITEMS IS TO BE INCLUDED IN PRICE BID FOR URBAN RIGHT OF WAY RESTORATION.
- G-10: PAY ITEM INCLUDES ALL MOWING WITHIN THE RIGHT-OF-WAY AS DIRECTED DURING CONSTRUCTION.
- D-1: THIS ITEM SHALL INCLUDE THE COST OF NEW MANHOLE FRAME AND COVER PER CITY OF TULSA STD NOS.752, 753, 754, 761, 762, 769A, 769B AND 775.
- D-2: THE TOTAL COST FOR RUBBERIZED ASPHALT AND/OR SILICONE AT MANHOLES, VALVE BOXES, INLETS, AND INLET APRONS, SHALL BE INCLUDED.
- D-3 TO 5: NOT USED
- D-6: ALL SANITARY AND STORM SEWER MANHOLE CASTINGS AND LIDS THAT ARE LOCATED IN THE STREET AND ARE DISTURBED BY THE CONTRACTOR SHALL BE REPLACED WITH NEW LIDS AND CASTINGS AND THE OLD ONES SHALL BE SALVAGED AND DELIVERED TO THE METAL RECYCLE BINS IN THE STOCKROOM AREA AT SEWER OPERATIONS AND MAINTENANCE, 9319 E. 42ND STREET NORTH, BETWEEN THE HOURS OF 7:30 AM AND 3:00 PM MONDAY THROUGH FRIDAY.
- D-7: NOT USED
- D-8: QUICKSET FLOWABLE FILL SHALL BE USED TO BACKFILL AROUND STREET CURB INLETS AND REINFORCED CONCRETE PIPE, AS NEEDED, AT THE DIRECTION OF THE ENGINEER.
- D-9 TO 15: NOT USED

- T-1: ALL TRAFFIC MATERIALS REMOVED SHALL BE HANDLED PER COT SPECIFICATION 625 REMOVAL OF TRAFFIC ITEMS.
- T-2: REFLECTORIZED SHEETING ON SIGNS AND BARRICADES SHALL BE OF A CUBIC PRISMATIC TYPE AND SHALL MEET THE SPECIFICATIONS ESTABLISHED FOR ASTM D 4956-01 TYPE IX RETROREFLECTIVE SHEETING. REFLECTORIZED SHEETING ON DRUMS AND TUBE CHANNELIZERS SHALL BE OF A HIGH-INTENSITY TYPE AND SHALL MEET THE SPECIFICATIONS ESTABLISHED FOR ASTM D 4956-01 TYPE III RETROREFLECTIVE SHEETING.
- T-3: ALL PLASTIC PAVEMENT MARKINGS SHALL BE: EXTRUDED-APPLIED THERMOPLASTIC. THERMOPLASTIC PAVEMENT MARKINGS SHALL ONLY BE APPLIED WHEN THE SURFACE TEMPERATURE EXCEEDS 55°F FOR ALL OF THE SIX HOURS PRIOR TO INSTALLATION AND MAXIMUM WIND GUSTS ARE BELOW 15 MPH AT THE TIME OF APPLICATION. PRICE BID TO INCLUDE FLEX TABS OR LIKE KIND FOR POST CONSTRUCTION LANE MARKING/SEPARATION. MECHANICALLY APPLIED PREFORMED PLASTIC TAPE ("COLD TAPE") WILL NOT BE ACCEPTED.
- T-4: PAYMENT SHALL BE MADE ON A SIGN-DAY BASIS ONLY FOR TRAFFIC CONTROL DEVICES THAT ARE PROPERLY INSTALLED AND IN GOOD WORKING ORDER. COSTS FOR DELIVERY, INSTALLATION, RELOCATION, MAINTENANCE REMOVAL AND REPLACEMENT, AS NEEDED AT THE DISCRETION OF THE ENGINEER, INCLUDED IN UNIT PRICE BID.
- T-5: IF WARNING LIGHTS ARE TO BE USED ON TRAFFIC CONTROL DEVICES, TYPE "A" LIGHTS SHALL ONLY BE USED ON DEVICES WARNING OF UNEXPECTED HAZARDS, AND SHALL NOT BE USED FOR DELINEATION OF THE TRAVELED WAY. ONLY TYPE "C" WARNING LIGHTS SHALL BE USED FOR DELINEATION OF THE TRAVELED WAY, AND TYPE "C" LIGHTS SHALL NOT BE USED FOR ANY OTHER PURPOSE.
- T-6: NOT USED
- T-7: PRICE BID FOR THIS ITEM INCLUDES INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF PROJECT SIGN.
- X-1: S5 (PG 64-22) MAY BE USED AS AN APPROVED EQUAL IN PLACE OF THIS PAY ITEM.
- X-2: SANITARY SEWER MANHOLES ARE TO MEET CITY OF TULSA SPECIFICATION 418.



REVISION	BY	DATE	FILE:	DRAWING:	DATE:
					12/5/2025
ATLAS PAGE NO:			45, 46, 76, 77		SHEET 3 OF 40 SHEETS

SUMMARY OF ROADWAY PAY ITEMS AND NOTES (SHEET 2 OF 2)					
PROJECT NO. 144017-AP AND TMUA-W 17-33					
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION					
CITY OF TULSA, OKLAHOMA PUBLIC WORKS					
PLANS AND ESTIMATES PREPARED BY:					
		6100 S. YALE AVE. SUITE 1300 TULSA, OKLAHOMA 74136		Phone: (918) 250-5922 Fax: (918) 858-0107	
PLAN SCALE:	DRAWN	CTC	05/2025	APPROVED:	
	DESIGNED	ACF	05/2025		
	SURVEY				
PROFILE SCALE:	PROJ. MGR.	RF	10/25		
HORIZONTAL:	LEAD ENGR.		11/25		
	FIELD MGR.		11/25		
VERTICAL:	RECOMMENDED		11/25		
	DESIGN MANAGER				
				CITY ENGINEER	
				DATE: 12/5/2025	
				SHEET 3 OF 40 SHEETS	

ITEM NO.		BID UNIT	TOTAL QUANTITY
54	2" PVC SCH. 40 PLASTIC CONDUIT (TRENCHED)	L.F.	263
55	24" PEDESTAL FOOTING F-1	EA.	8
56	OVERHEAD SIGN	S.F.	30
57	4#14 TRAFFIC SIGNAL ELECTRICAL CABLE	L.F.	379
58	GREEN #12 THHN ELECTRICAL CONDUCTOR	L.F.	263
59	7#14 TRAFFIC SIGNAL ELECTRICAL CABLE	L.F.	266
60	2#14 SHIELDED ELECTRICAL CONDUCTOR	L.F.	347
61	GREEN #6 THHN ELECTRICAL CONDUCTOR	L.F.	263
62	AUDIBLE PEDESTRIAN PUSH BUTTON STATION AND SIGN	EA.	8
63	AUDIBLE PEDESTRIAN PUSH BUTTON CONTROL CARD/UNIT	EA.	1
64	AUDIBLE PEDESTRIAN PUSH BUTTON CONFIG/PROGRAMMING DEVICE	EA.	1
65	LED 4 SECTION TRAFFIC SIGNAL HEAD (#S-13L)	EA.	4
66	LED ICC PEDESTRIAN HEAD (#33)	EA.	8
67	10' PEDESTAL POLE	EA.	8
68	REMOVAL OF TRAFFIC ITEMS	EA.	1
69	TRAFFIC SIGNAL MAINTENANCE	HOUR	8
70	SIGNAL MODIFICATIONS FOR LANE CLOSURES, PER SIGNALIZED INTERSECTION	EA.	1

ITEM NO.	*CONTINGENCY QUANTITIES FOR REPLACING EXISTING CONDUIT	BID UNIT	TOTAL QUANTITY
COT 602	3" PVC SCH. 40 PLASTIC CONDUIT (TRENCHED)	L.F.	179
COT 602	2-3" HDPE SCH 40 CONDUIT (DIRECTIONAL BORE)	L.F.	472
COT 611	4#14 TRAFFIC SIGNAL ELECTRICAL CABLE	L.F.	174
COT 611	20#14 TRAFFIC SIGNAL ELECTRICAL CABLE	L.F.	651
COT 611	GREEN #12 THHN ELECTRICAL CONDUCTOR	L.F.	1123
COT 611	7#14 TRAFFIC SIGNAL ELECTRICAL CABLE	L.F.	1353
*ITEMS IN THIS TABLE TO BE USED IF EXISTING CONDUIT IS DEEMED IMPASSABLE, AS NEEDED, AT THE DIRECTION OF THE ENGINEER.			

GENERAL CONSTRUCTION NOTES FOR TRAFFIC SIGNALS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EXISTING TRAFFIC SIGNAL IN A PROPER WORKING CONDITION DURING CONSTRUCTION AS DIRECTED BY THE TRAFFIC ENGINEER AND FOR FOLLOWING THE REQUIREMENTS OF COT 626 TRAFFIC SIGNAL CONSTRUCTION AND OPERATION. THE CONTRACTOR SHALL NOT PLACE NEW TRAFFIC SIGNALS INTO OPERATION UNTIL THEY HAVE BEEN PERMITTED, INSPECTED, AND APPROVED BY THE CITY OF TULSA TRAFFIC SIGNAL INSPECTORS, AND THE CITY OF TULSA TRAFFIC OPERATIONS HAS CONTACTED THE UTILITY COMPANY TO SET UP BILLING. TRAFFIC SIGNALS SHALL ONLY BE PUT INTO OPERATION ON TUESDAYS, WEDNESDAYS, AND THURSDAYS. ALL TRAFFIC MATERIALS SHALL MEET THE REQUIREMENTS OF COT 627 PRE-QUALIFICATION FOR TRAFFIC OPERATIONS MATERIALS OR AS DIRECTED BY THE TRAFFIC ENGINEER. CONTRACTORS SHALL MEET THE REQUIREMENTS OF COT 628 SIGNAL AND LIGHTING PROJECT CONTRACTOR EXPERIENCE REQUIREMENTS.

THE CONTRACTOR SHALL OBTAIN THE NECESSARY PERMITS FOR ELECTRICAL INSPECTION ON ALL SIGNAL AND LIGHTING WORK PER COT SPECIFICATION 626 TRAFFIC SIGNAL CONSTRUCTION AND OPERATION. USE THE FOLLOWING ADDRESSES FOR THE ELECTRICAL PERMIT: 5700 E 31ST ST TRF LIGHT, TULSA 74135.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL EXISTING TRAFFIC SIGNS AND MARKINGS REMOVED OR DAMAGED AS PART OF THIS PROJECT. ALL SIGNS AND POSTS PROVIDED SHALL BE NEW AND UNDAMAGED AND SHALL MEET THE REQUIREMENTS OF COT SPECIFICATION 608 TRAFFIC SIGNS.

ALL TRAFFIC MATERIALS REMOVED SHALL BE HANDLED PER COT SPECIFICATION 625 REMOVAL OF TRAFFIC ITEMS.

PAVEMENT MARKINGS SHALL MEET THE REQUIREMENTS OF ODOT STANDARDS AND SPECIFICATIONS FOR PAVEMENT MARKINGS, BUT SHALL BE PROVIDED USING TULSA STANDARD PAVEMENT MARKING LAYOUTS WHEN APPLICABLE. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

NOTE:
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.

TRAFFIC OPERATIONS PAY ITEM NOTES:

COT 602 CONDUITS:
ALL CONDUIT ENDS SHALL BE REAMED AND BUSHINGS SHALL BE INSTALLED PRIOR TO PULLING ANY WIRES.

COT 603 SIGNAL POLE FOOTINGS:
POLE FOUNDATIONS SHALL BE CONSTRUCTED ACCORDING TO THE APPLICABLE REQUIREMENTS OF ODOT STANDARD SPECIFICATIONS FOR DRILLED SHAFT FOUNDATIONS AS DIRECTED BY THE TRAFFIC ENGINEER.

COT 613 PEDESTRIAN PUSH BUTTONS:
THE AUDIBLE PUSH BUTTONS PROVIDED SHALL BE POLARA IN2 WITH EITHER A SHELF MOUNT CONTROL UNIT OR A CARD RACK/300 SERIES CONTROL UNIT. PUSH BUTTONS SHALL BE INSTALLED ON POLES SUCH THAT THE PUSH BUTTONS ARE INSTALLED IN ACCORDANCE WITH ADA, PROWAG, AND MUTCD REQUIREMENTS, AND WITHIN 10 INCHES MAXIMUM FROM THE EDGE OF THE LEVEL, ALL-WEATHER SURFACE (SIDEWALK LANDING) AND WITHIN 10 FEET MAXIMUM FROM THE FACE OF THE CURB AT RAMPS. PUSH BUTTONS SHALL BE MOUNTED 42 INCHES ABOVE THE LANDING, ON THE SIDE OF THE POLE CLOSEST TO THE CORRESPONDING CROSSWALK. IF A PUSH BUTTON EXTENDER ARM IS NEEDED, THE EXTENDER ARM SHALL NOT EXCEED 12 INCHES IN LENGTH. WHEN PUSH BUTTONS ARE LOCATED WITHIN 10 FEET OF EACH OTHER, AUDIBLE VOICE MESSAGES SHALL BE USED. THE PUSH BUTTONS SHALL BE FACTORY PROGRAMMED WITH THE FOLLOWING VERBAL MESSAGES:

DURING FLASHING DON'T WALK AND STEADY DON'T WALK:
"WAIT"

DURING WALK:
"(STREET NAME A) - WALK SIGN IS ON TO CROSS (STREET NAME A)"

DURING EXTENDED PUSH BUTTON PRESS (PRESS OF 2 SECONDS OR MORE):
"WAIT TO CROSS (STREET NAME A) AT (STREET NAME B)"

COT 614 LED TRAFFIC SIGNAL HEADS:
HINGES SHALL BE LOCATED TO THE LEFT SIDE FOR 3-SECTION SIGNAL HEADS AND 4-SECTION SIGNAL HEADS, AND TOWARD THE OUTSIDE EDGES FOR A 5-SECTION SIGNAL HEAD.

THIS PAY ITEM SHALL INCLUDE (4) OF THE 4-SECTION BACKPLATES. ALL BACKPLATES PROVIDED ON THIS PROJECT SHALL BE ALUMINUM, WITH A DURABLE, FACTORY-APPLIED, NON-REFLECTIVE BLACK FINISH (POWDER COATED, BAKED ENAMEL, OR OTHER STYLE AS APPROVED BY THE TRAFFIC ENGINEER) WITH LOUVERS IN THE BACKPLATE. A 2 INCH WIDE STRIP OF FLUORESCENT YELLOW RETRO-REFLECTIVE TAPE, TYPE IX, SHALL BE USED AT THE FRONT PERIMETER OF THE BACKPLATES.

THE PEDESTRIAN SIGNAL HEADS PROVIDED SHALL BE EAGLE 16" PEDESTRIAN SIGNAL HEAD OR APPROVED EQUAL. ALL PEDESTRIAN SIGNAL HEADS SHALL BE INSTALLED ON THE POLES SUCH THAT THE SIGNAL HEADS ARE VISIBLE FROM THE CROSSWALK.

COT 625 REMOVAL OF TRAFFIC ITEMS:
THIS PAY ITEM INCLUDES THE REMOVAL AND DELIVERY OF THE FOLLOWING EQUIPMENT TO THE CITY OF TULSA TRAFFIC OPERATIONS SHOP AT 3801 N HARVARD AVE, WHICH IS TO REMAIN THE PROPERTY OF THE CITY OF TULSA: TRAFFIC SIGNAL ITEMS INCLUDE; PEDESTRIAN HEADS AND PUSH BUTTONS, CONTROLLER, UNDAMAGED PULL BOX LIDS, AND ANY OTHER TRAFFIC SIGNAL EQUIPMENT REMOVED EXCEPT FOR THE PULL BOXES, CONDUIT, AND WIRE WHICH SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THE PRICE BID SHALL INCLUDE THE REMOVAL OF ALL FOOTINGS BELOW GROUND LEVEL OR AS DIRECTED BY THE ENGINEER. FOOTINGS, GREEN ARM POLES, AND ALL OTHER SIGNAL POLES OTHER THAN THE MULTI-SIDED POLES ARE TO BECOME THE PROPERTY OF THE CONTRACTOR.

ITEM NO.	*CONTINGENCY QUANTITIES FOR REPLACING EXISTING CONDUIT (CONTINUED)	BID UNIT	TOTAL QUANTITY
COT 601	PULL BOX SIZE II	E.A.	3
COT 601	PULL BOX SIZE III	E.A.	1

*ITEMS IN THIS TABLE TO BE USED IF EXISTING CONDUIT IS DEEMED IMPASSABLE, AS NEEDED, AT THE DIRECTION OF THE ENGINEER.



REVISION	BY	DATE	FILE:	DRAWING:	DATE: 12/5/2025
			ATLAS PAGE NO:	45, 46, 76, 77	SHEET 4 OF 40 SHEETS

PAY QUANTITIES AND NOTES - TRAFFIC SIGNAL

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

PLANS AND ESTIMATES PREPARED BY:
 6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 858-0107

PLAN SCALE:	DRAWN	YA	08/22/25	APPROVED:
	DESIGNED	DJP	08/22/25	
	SURVEY			
PROFILE SCALE:	PROJ. MGR.	BE	10/25	
	LEAD ENGR.	MVS	10/25	
HORIZONTAL:	FIELD MGR.	BE	10/25	
	RECOMMENDED:			
VERTICAL:	DESIGN MANAGER	HLL	11/25	

GENERAL CONSTRUCTION NOTES - ROADWAY (UPDATED 9/12/16)

1.

ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE 2019 OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION AS ADOPTED AND THE CURRENT CITY OF TULSA ENGINEERING SERVICES DEPARTMENT'S STANDARD SPECIFICATIONS AND STANDARD DETAILS AND STANDARD DRAWINGS AS ADOPTED BY CITY OF TULSA AND CITY OF TULSA SPECIAL PROVISIONS.
2.

THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS GOVERNING SAFETY, HEALTH AND SANITATION. THE CONTRACTOR SHALL PROVIDE ALL SAFEGUARDS, SAFETY DEVICES AND PROTECTIVE EQUIPMENT, AND TAKE ANY OTHER NEEDED ACTION ON AS HIS OWN RESPONSIBILITY OR AS THE ENGINEER MAY DETERMINE REASONABLY NECESSARY TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK COVERED BY THE CONTRACT.
3.

PAY ITEMS SHALL BE AS SPECIFIED ON THE CITY OF TULSA OR ON THE ODOT STANDARD DRAWINGS EXCEPT AS MODIFIED BY THE CONTRACT.
4.

THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT RESULT FROM HIS FAILURE TO LOCATE AND PRESERVE ANY AND ALL UTILITIES.
5.

THE LOCATIONS OF THE UTILITIES ARE SHOWN ACCORDING TO ALL AVAILABLE INFORMATION. THE CONTRACTOR SHALL NOTIFY EACH UTILITY OWNER PRIOR TO COMMENCEMENT OF WORK TO VERIFY BOTH HORIZONTAL AND VERTICAL LOCATIONS. THE FOLLOWING IS A LIST OF UTILITY OWNERS; AT&T, PUBLIC SERVICE COMPANY OF OKLAHOMA (AEP), OKLAHOMA NATURAL GAS (ONG), COX COMMUNICATIONS, MCI/VERIZON, EASYTEL COMMUNICATIONS, WELLSCO VALLOR TELECOM, CITY OF TULSA-WATER AND SEWER, CITY OF TULSA-TRAFFIC OPERATIONS. SEE TITLE SHEET FOR CONTACT INFORMATION.
6.

THE CONTRACTOR SHALL GIVE THE NOTIFICATION CENTER OF OKLAHOMA ONE-CALL SYSTEM, INC. NOTICE OF ANY EXCAVATION NO SOONER THAN TEN DAYS NOR LATER THAN 48 HOURS , EXCLUDING SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS, PRIOR TO THE COMMENCEMENT OF WORK. PHONE 1-800-522-6543.
7.

THE CONTRACTOR SHALL TAKE REASONABLE PRECAUTIONS TO PREVENT EXCESS MOISTURE FROM INCLEMENT WEATHER OR OTHER SOURCES FROM ENTERING ANY STREET EXCAVATION. IF EXCESS MOISTURE DOES ENTER THE EXCAVATION THROUGH THE NEGLIGENCE OF THE CONTRACTOR AND THE ADJOINING PAVEMENT IS ADVERSELY EFFECTED BY THE EXCESS MOISTURE, THE CONTRACTOR SHALL REPLACE THE ADJOINING PAVEMENT AND SUBBASE AT HIS SOLE EXPENSE.
8.

THE CONTRACTOR SHALL PRESERVE THE INTEGRITY OF THE SANITARY SEWER STRUCTURES AND ALL OTHER UTILITY STRUCTURES WITHIN THE PROJECT EXTENTS.
9.

THE CONTRACTOR SHALL WORK IN COOPERATION WITH THE CITY OF TULSA TO ESTABLISH, INSTALL, MAINTAIN, AND OPERATE COMPLETE, ADEQUATE, AND SAFE TRAFFIC CONTROLS DURING THE ENTIRE CONSTRUCTION PERIOD. ALL FLAGMEN, BARRICADES, AND TRAFFIC CONTROL DEVICES SHALL BE APPROVED BY THE FIELD ENGINEERING REPRESENTATIVE.
10.

CONSTRUCTION SIGNAGE WILL BE INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT ADDITION, AND APPLICABLE ODOT STANDARD DRAWINGS. THE CONTRACTOR SHALL PROVIDE A PROPOSED TRAFFIC CONTROL PLAN FOR APPROVAL BY THE ENGINEER PRIOR TO BEGINNING WORK.
11.

THE CONTRACTOR SHALL NOTIFY THE CITY OF TULSA FIELD ENGINEERING, 918-596-9404, A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK OR PRIOR TO REMOVING TRAFFIC SIGNS.
12.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ALL EXISTING TRAFFIC SIGNS AND MARKINGS REMOVED OR DAMAGED LISTED IN THE SIGNAGE SCHEDULE FOR THE PROJECT. ALL SIGNS AND POLES PROVIDED SHALL BE NEW AND UNDAMAGED AND SHALL MEET THE REQUIREMENTS OF COT SPECIFICATION 608 TRAFFIC SIGNS. ALL TRAFFIC MATERIALS REMOVED SHALL BE HANDLED PER COT SPECIFICATION 625 REMOVAL OF TRAFFIC ITEMS.
13.

THE CONTRACTOR WILL BE RESPONSIBLE FOR PREPARATION AND DISTRIBUTION OF A WRITTEN NOTICE TO RESIDENTS 48 HOURS PRIOR TO BEGINNING PAVEMENT REMOVAL AND MILLING AND OVERLAY OPERATIONS.
14.

LOCAL AND THROUGH TRAFFIC SHALL BE MAINTAINED THROUGH THE PROJECT AT ALL TIMES.
15.

ALL PUBLIC AND PRIVATE STREETS AND DRIVES SHALL BE ACCESSIBLE AT ALL TIMES.
16.

ALL BROKEN CONCRETE, WASTE MATERIAL, AND OTHER DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE LIMITS OF THE PROJECT AND DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER. NO ADDITIONAL PAYMENT WILL BE MADE FOR THE DISPOSAL OF THIS MATERIAL.
17.

ALL EXCAVATED MATERIAL NOT REQUIRED IN THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR IN A MANNER ACCEPTABLE TO THE ENGINEER WITHOUT COST TO THE CITY. THE CONTRACTOR WILL BE REQUIRED TO OBTAIN AN EARTH CHANGE PERMIT IF ANY MATERIAL IS STORED ON THE PROJECT SITE AND/OR DISPOSED OF WITHIN THE CITY LIMITS.
18.

ALL TREES, BRUSH AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER IS TO BE CLEANED OUT TO THE RIGHT-OF-WAY LINE IN A MANNER APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN THE PRICE BID FOR OTHER ITEMS OF WORK. TREES OUTSIDE THE FILL SLOPES AND THE TOP OF CUT SLOPES SHALL NOT BE DISTURBED EXCEPT WITH THE WRITTEN APPROVAL OF THE ENGINEER.
19.

WHERE MATERIALS ARE TRANSPORTED IN THE PROSECUTION OF WORK, VEHICLES SHALL NOT BE LOADED BEYOND THE CAPACITY RECOMMENDED BY THE VEHICLE MANUFACTURER OR AS PRESCRIBED BY ANY FEDERAL, STATE OR LOCAL LAW OR REGULATION.
20.

ANY DAMAGE TO THE ROADWAY PAVEMENT, CURB, DRIVEWAYS OR SIDEWALK CAUSED BY THE CONTRACTORS OPERATION SHALL BE REPAIRED TO THE ENGINEER'S SATISFACTION AND SHALL BE ACCOMPLISHED AT THE CONTRACTOR'S SOLE EXPENSE. ALL DISTURBED ITEMS SHALL BE REPAIRED TO MATCH EXISTING MATERIALS AND PATTERNING.
21.

IF THE CONTRACTOR ENCOUNTERS VOIDS WHEN PATCHING STREETS, THE CONTRACTOR SHALL CALL FIELD ENGINEERING AT 918-596-7814 FOR AN INSPECTION BEFORE PROCEEDING WITH WORK.
22.

THE PROJECT SHALL BE CONSTRUCTED WITH CONTINUOUS FLOW OF MATERIAL SUPPLIED TO THE PROJECT SUCH THAT THE LAYDOWN MACHINE WILL REMAIN IN MOTION. ANY DELAY IN FORWARD PROGRESSION OF THE LAYDOWN MACHINE MAY REQUIRE A TRANSVERSE JOINT AS DIRECTED BY THE ENGINEER.
23.

NO FLY ASH IS ALLOWED TO BE USED ON THIS PROJECT.
24.

PHYSICAL TESTING FOR QUALITY ASSURANCE SHALL BE FURNISHED BY THE CITY.
25.

CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY QUALITY CONTROL TESTING TO ENSURE THAT PROJECT REQUIREMENTS ARE MET.
26.

MASONRY STRUCTURES SHALL NOT BE CONSTRUCTED WITHIN THE STREET RIGHT-OF-WAY.
27.

ALL CONCRETE CURB AND GUTTERS SHALL BE MONOLITHIC POURS. DOWELED-ON CURBS WILL NOT BE ALLOWED.
28.

NO LIFTING HOLES WILL BE ALLOWED ON ANY REINFORCED CONCRETE PIPES OR REINFORCED CONCRETE BOXES.
29.

CURB RAMP CONSTRUCTION SHALL COMPLY WITH THE CURRENT AMERICANS WITH DISABILITIES ACT STANDARDS.
30.

REFLECTORIZED SHEETING ON SIGNS AND BARRICADES SHALL BE OF A CUBIC PRISMATIC TYPE AND SHALL MEET THE SPECIFICATIONS ESTABLISHED FOR ASTM D 4956-01 TYPE IX RETROREFLECTIVE SHEETING. REFLECTORIZED SHEETING ON DRUMS AND TUBE CHANNELIZERS SHALL BE OF A HIGH-INTENSITY TYPE AND SHALL MEET THE SPECIFICATIONS ESTABLISHED FOR ASTM D 4956-01 TYPE III RETROREFLECTIVE SHEETING.
31.

ALL SANITARY AND STORM SEWER MANHOLE CASTINGS AND LIDS THAT ARE LOCATED IN THE STREET AND ARE DISTURBED BY THE CONTRACTOR SHALL BE REPLACED WITH NEW LIDS AND CASTINGS AND THE OLD ONES SHALL BE SALVAGED AND DELVERED TO THE METAL RECYCLE BINS IN THE STOCKROOM AREA AT SEWER OPERATIONS AND MAINTENANCE, 9319 E. 42ND STREET NORTH, BETWEEN THE HOURS OF 7:30 AM AND 3:00 PM MONDAY THROUGH FRIDAY.
32.

THE SIGN PLACEMENT STATIONING AND LOCATIONS SHOWN ON THE PLAN SHEETS AND SUMMARY SHEETS ARE APPROXIMATE. EXACT STATIONING AND LOCATIONS SHALL BE VERIFIED BY THE CONTRACTOR SO THAT THE SIGN IS INSTALLED IN ACCORDANCE WITH CITY OF TULSA STANDARDS, CURRENT AMERICANS WITH DISABILITIES ACT STANDARDS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES IN ORDER TO PROVIDE OPTIMUM VISIBILITY TO THE ONCOMING/APPROACHING MOTORIST. IF A PROPOSED LOCATION CONFLICTS WITH OTHER SIGNS, UTILITIES, OR OTHER ROADWAY FEATURES, THE ENGINEER SHALL BE NOTIFIED.
33.

POST LENGTHS SHOWN ON SIGN SUMMARY ARE APPROXIMATE. EXACT LENGTHS SHALL BE DETERMINED BY A FIELD SURVEY CONDUCTED BY THE CONTRACTOR.
34.

ALL ASPHALT STREETS THAT ARE TO BE RECONSTRUCTED SHALL BE LEFT WITH A DRIVABLE SURFACE AT ALL TIMES. THE CONTRACTOR WILL NOT BE ALLOWED TO MILL OFF ALL THE ASPHALT BEFORE EXCAVATION BEGINS.
35.

THE CONTRACTOR SHALL REPLACE ANY SECTION CORNERS OR OTHER PERMANENT RIGHT OF WAY MARKERS REMOVED OR DISTURBED AS A RESULT OF THE CONSTRUCTION OF THIS PROJECT. REPLACEMENT OF SECTION CORNERS OR ANY OTHER MONUMENTS SHALL BE PERFORMED BY A LICENSED LAND SURVEYOR AUTHORIZED TO PERFORM WORK IN THE STATE OF OKLAHOMA.
36.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL AND MAINTENANCE OF THE STORMWATER DRAINAGE. STORMWATER PONDING ON THE CONSTRUCTION SITE THAT IS THE RESULT OF CONSTRUCTION WILL NOT BE ALLOWED.
37.

STRAW OR HAY BALES AS STORMWATER BEST MANAGEMENT PRACTICES ARE NO LONGER ALLOWED ON CONSTRUCTION PROJECTS.
38.

THE CONTRACTOR MUST CALL 1-800-458-4251 IMMEDIATELY IF A NATURAL GAS PIPELINE IS CUT, DAMAGED, OR OTHERWISE DISTURBED.
39.

PRIOR TO FINAL ACCEPTANCE, ALL EXPOSED CURB SURFACES SHALL BE CLEANED OF ALL DISCOLORATION SUCH AS ASPHALT STAIN, TIRE MARKS, OR OTHER DISFIGUREMENT.
40.

ALL FEATURES OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO, SIDEWALKS, CURB RAMPS, AND CROSSWALKS SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT, ACCESSIBILITY GUIDELINES, AND THE PROPOSED ACCESSIBILITY GUIDELINES FOR PEDESTRIAN FACILITIES IN THE PUBLIC RIGHT-OF-WAY, PUBLISHED ON JULY 26, 2011 BY THE U.S. ACCESS BOARD. WHERE SPATIAL LIMITATIONS OR EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH THIS ACT, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURES. THE CONTRACTOR SHALL NOT PROCEED WITH ANY ASPECT OF THE WORK, WHICH IS NOT IN FULL COMPLIANCE WITH THE ADA WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ANY WORK, WHICH IS NOT PERFORMED WITHIN THE GUIDELINES OF THE ADA, FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL, SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
41.

ALL TRENCH WIDTHS & BEDDING MATERIAL SHALL BE AS SHOWN ON COT STANDARD PIPE BEDDING DETAIL, STANDARD NO. 751. SPECIFIED TRENCH WIDTHS SHALL BE MAINTAINED FULL DEPTH FROM THE FLOWLINE TO THE GRADING TEMPLATE. THE CONTRACTOR SHALL KEEP THE OPEN TRENCH DRAINED.
42.


THE CONTRACTOR SHALL NOTIFY THE METROPOLITAN TULSA TRANSIT AUTHORITY (MTTA), ERIC SMITH 918-830-0024, A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK, LANE CLOSURES OR PRIOR TO DETOURING TRAFFIC.
43.

CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIALS IN THE FLOODPLAIN.



REVISION	BY	DATE

FILE:	DRAWING:	DATE: 12/5/2025
ATLAS PAGE NO:	45, 46, 76, 77	SHEET 5 OF 40 SHEETS

GENERAL NOTES ROADWAY			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY:  6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922 TULSA, OKLAHOMA 74136 Fax: (918) 558-0107			
PLAN SCALE:	DRAWN	CTC	05/2025
	DESIGNED	ACF	05/2025
	SURVEY		
PROFILE SCALE:	PROJ. MGR.	HF	10/15
HORIZONTAL:	LEAD ENGR	D	10/15
	FIELD MGR.	D	10/15
VERTICAL:	RECOMMENDED	HAS	11/25
	DESIGN MANAGER		
			CITY ENGINEER

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SUMMARY OF EARTHWORK QUANTITIES				
P&P SHEET NO.	UNCLASSIFIED EXCAVATION 202(A)	EMBANKMENT 15%	UNCLASSIFIED BORROW 202(C)	WASTE
	C.Y.	C.Y.	C.Y.	C.Y.
1	76.00	-		
2	76.00	-		
3	76.00	-		
4	76.00	-		
TOTALS:	304.0	0.0	0.0	304.0

SUMMARY OF REMOVALS					
STREET	P&P SHEET NO.	COLD MILL PAVEMENT 412	REMOVAL OF CURB & GUTTER 619(B)	REMOVAL OF DRIVEWAYS 619(B)	REMOVAL OF SIDEWALK 619(B)
		SY	LF	SY	SY
Pine St	1	1797	269	185	283
	2	2142	548	-	195
MLK Jr Blvd	3	2612	710	157	143
	4	2207	580	150	428
TOTALS:		8758	2107	492	1049

SUMMARY OF SURFACING QUANTITIES										
		AGGREGATE BASE 303(A)	SUBGRADE, METHOD B 310(B)	SEPARATOR FABRIC 325	FABRIC REINFORCEMENT 409	SUPERPAVE, TYPE S4 (PG 70-28 OK) 411(C)	SUPERPAVE, TYPE S6 (PG 64-22 OK) 411(E)	COMBINED CURB AND GUTTER (6" BARRIER) 609(B)	4" CONCRETE SIDEWALK 610(A)	TYPE I/ABC PATCH
STREET	P&P SHEET NO.	CY	SY	SY	SY	TON	TON	LF	SY	CY
Pine St	1	94	281	499	1933	217	101	269	192	23
	2	232	694	1038	2642	296	120	548	156	84
MLK Jr Blvd	3	114	342	742	2649	297	147	710	235	7
	4	184	551	934	2507	281	124	580	343	50
TOTALS:		624	1868	3213	9731	1091	492	2107	926	164

SUMMARY OF STRIPING									
P&P SHEET NO.	4" WHITE	4" YELLOW	8" WHITE	8" YELLOW	24" WHITE	24" GREEN	ARROWS	SYMBOL (WHITE)	SYMBOL W/ GREEN
	LF	LF	LF	LF	LF	LF	TRAFFIC EA	SHARROW EA	BIKE SYMBOL EA
1	749	534	140	24	130	21	3	0	2
2	553	746	73	57	132	21	6	2	1
3	472	1503	0	270	134	0	3	0	0
4	555	726	0	13	127	0	3	0	0
TOTALS:	2329	3509	213	364	523	42	15	2	3

SUMMARY OF EROSION CONTROL										
		TEMPORARY								
STREET	P&P SHEET NO.	*SILT FENCE 221(C)	*INLET SEDIMENT FILTER 221(H)	*SEEDING METHOD B 232(B)	*VEGETATIVE MULCHING 233(A)	*FERTILIZING (10-20-10)	*FERTILIZING (0-46-0)	SOLID SLAB SODDING 230(A)	*FERTILIZING (10-20-10)	*WATERING
		LF	EA	AC	AC	TON	TON	SY	TON	K GAL
	1	284.0	1	0.114	0.057	0.017	0.009	276.0	0.028	11.0
	2	335.0	0	0.076	0.038	0.011	0.006	183.0	0.018	7.3
	3	406.0	0	0.104	0.052	0.016	0.008	253.0	0.025	10.1
	4	342.0	1	0.214	0.107	0.032	0.016	518.0	0.052	20.7
TOTALS:		1367.0	2	0.508	0.254	0.076	0.038	1230.0	0.123	49.2

* FOR CONTRACTORS INFORMATION ONLY, COST TO BE INCLUDED IN THE PRICE BID FOR OTHER WORK.

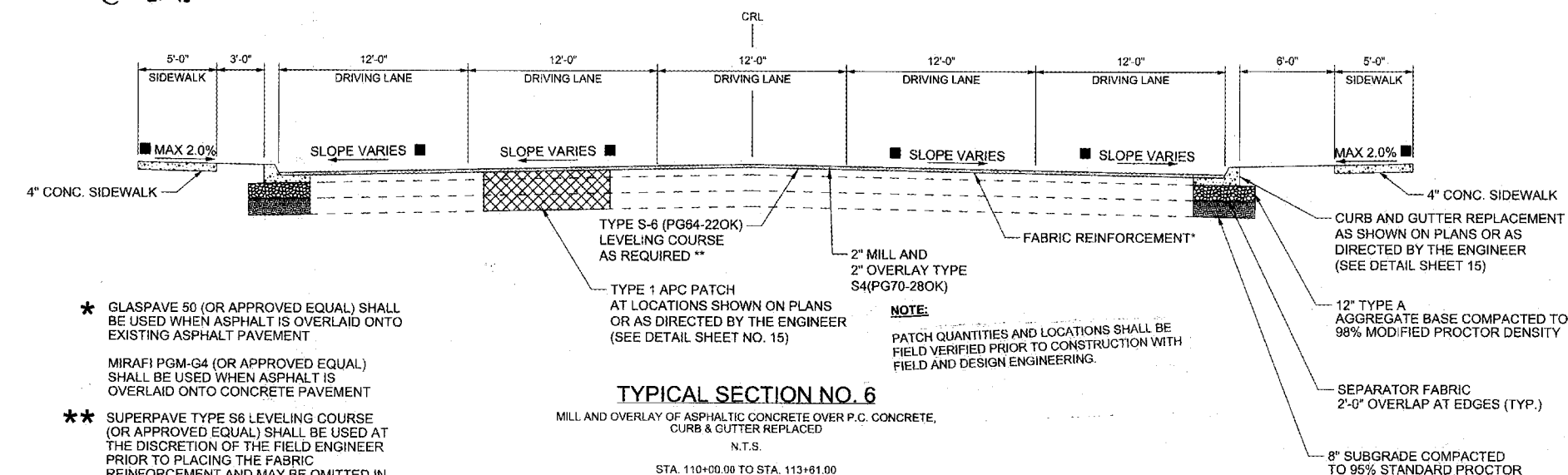
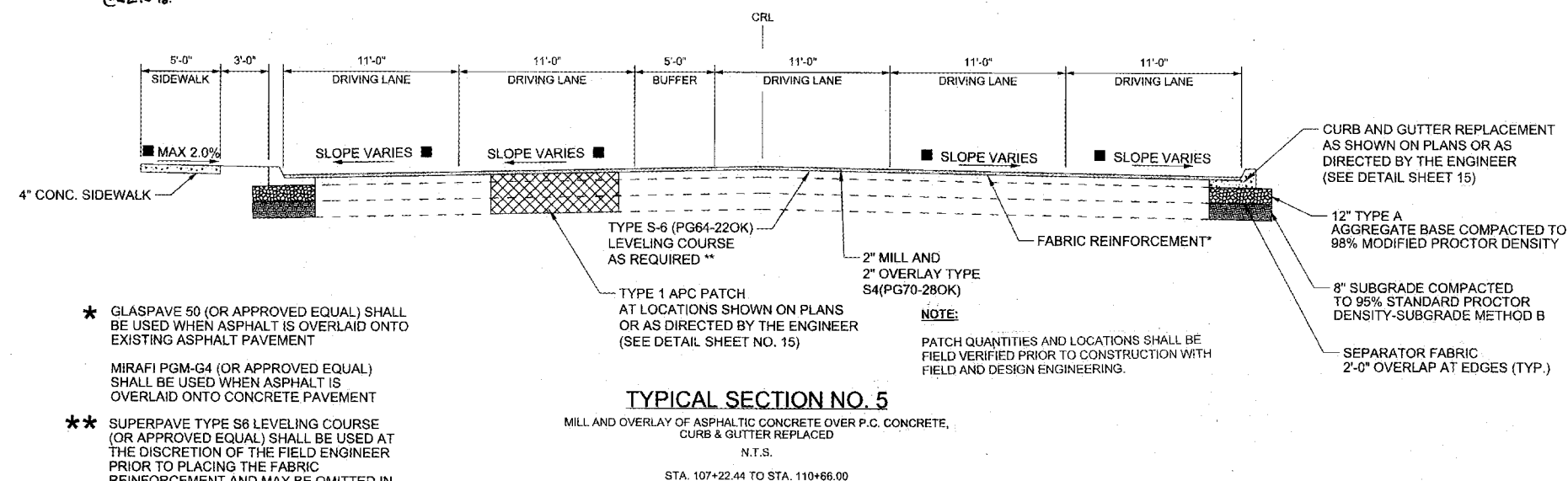
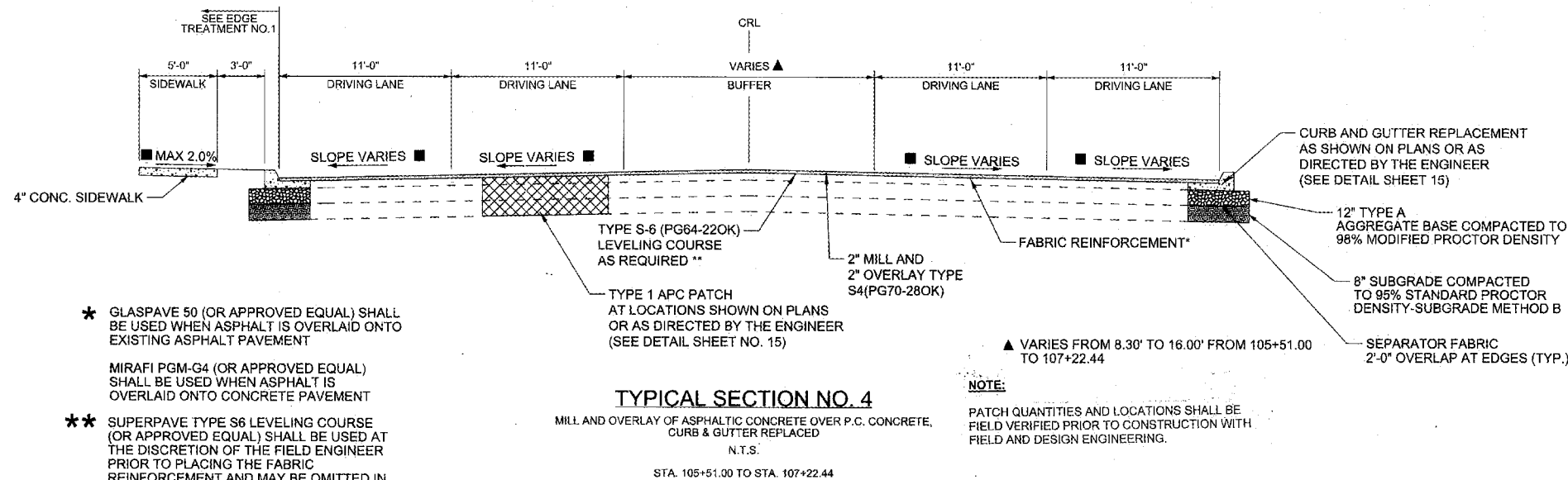
SUMMARY OF DRIVEWAYS											
DRIVE	C.R.I. STATION	STREET ADDRESS	SIDE	WIDTH	LENGTH	AGGREGATE BASE 303(A)	SUBGRADE, METHOD B 310(B)	DRIVE AREA	6" CONCRETE DRIVEWAY 610(B)	TEMPORARY ROW NEEDED	NOTES
				FT	FT	CY	SY	SF	SY	Y OR N	
MLK and Pine											
1	17+52.00	140 E Pine St	RT	25.00	21.00	12.4	74.4	670.0	74.4	N	
2	18+68.00	1516 MLK Jr Blvd	LT	41.00	26.90	23.1	138.4	1245.4	138.4	N	
3	105+86.00	140 E Pine St	LT	19.50	20.60	8.7	52.3	470.3	52.3	N	
4	107+32.00	140 E Pine St	LT	26.00	16.00	9.0	54.0	486.1	54.0	N	
5	108+70.00	140 E Pine St	LT	26.50	16.00	9.3	56.0	504.2	56.0	N	
6	111+42.00	1516 MLK Jr Blvd	LT	41.00	16.00	13.7	82.0	738.0	82.0	N	
7	113+09.00	1516 MLK Jr Blvd	LT	41.00	16.00	13.6	81.6	734.6	81.6	N	
SUBTOTAL (MLK and Pine)						90.0	539.0	4849.0	539.0		

SUMMARY OF SIGNS									
STREET NAME	APPROX. STATION	SIDE	TYPE OF SIGN	SIGN DIMENSION (INCHES)	SHEET ALUMINUM SIGNS (SQ. FT.)	1-1/2" SIGN POST (LF)	1-3/4" SIGN POST (LF)	2" SIGN POST (LF)	Notes
PINE ST.	17+22.00	LT	R3-17 (BIKE LANE)	24 X 18	3.00	-	11.00	3.00	REMOVE AND REPLACE
			R7-9a (NO PARKING BIKE LANE)	12 X 18	1.50	-	10.50	3.00	REMOVE AND REPLACE
	19+00.00	RT	R4-4 (BEGIN RIGHT TURN LANE YIELD TO BIKES)	36 X 30	7.50	-	10.50	3.00	REMOVE AND REPLACE
			R3-17 (BIKE LANE)	24 X 18	3.00	-	12.00	3.00	REMOVE AND REPLACE
	19+08.00	LT	R3-9cP (BEGIN)	24 X 12	2.00	-	12.00	3.00	REMOVE AND REPLACE
			R7-9a (NO PARKING BIKE LANE)	12 X 18	1.50	-	11.00	3.00	PLACE
	20+82.00	LT	R3-7 (RIGHT LANE MUST TURN RIGHT)	36 X 36	9.00	-	11.00	3.00	PLACE
			R3-17 (BIKE LANE)	24 X 18	3.00	-	13.00	3.00	REMOVE AND REPLACE
	21+11.00	RT	R3-9dP (END)	24 X 12	2.00	-	13.00	3.00	REMOVE AND REPLACE
			R9-20 (BICYCLES ALLOWED USE OF FULL LANE)	30 X 30	6.25	-	11.00	3.00	REMOVE AND REPLACE
MLK Jr BLVD	21+85.00	RT	R2-1 (SPEED LIMIT 40)	30 X 36	7.50	-	11.00	3.00	REMOVE AND REPLACE
	22+32.00	LT	R3-7 (RIGHT LANE MUST TURN RIGHT)	36 X 36	9.00	-	11.00	3.00	PLACE
	108+12.00	LT	R2-1 (SPEED LIMIT 40)	30 X 36	7.50	-	11.00	3.00	REMOVE AND REPLACE
	113+18.00	RT	R2-1 (SPEED LIMIT 40)	30 X 36	7.50	-	11.00	3.00	REMOVE AND REPLACE
TOTAL:					71.00	0.00	101.50	27.00	



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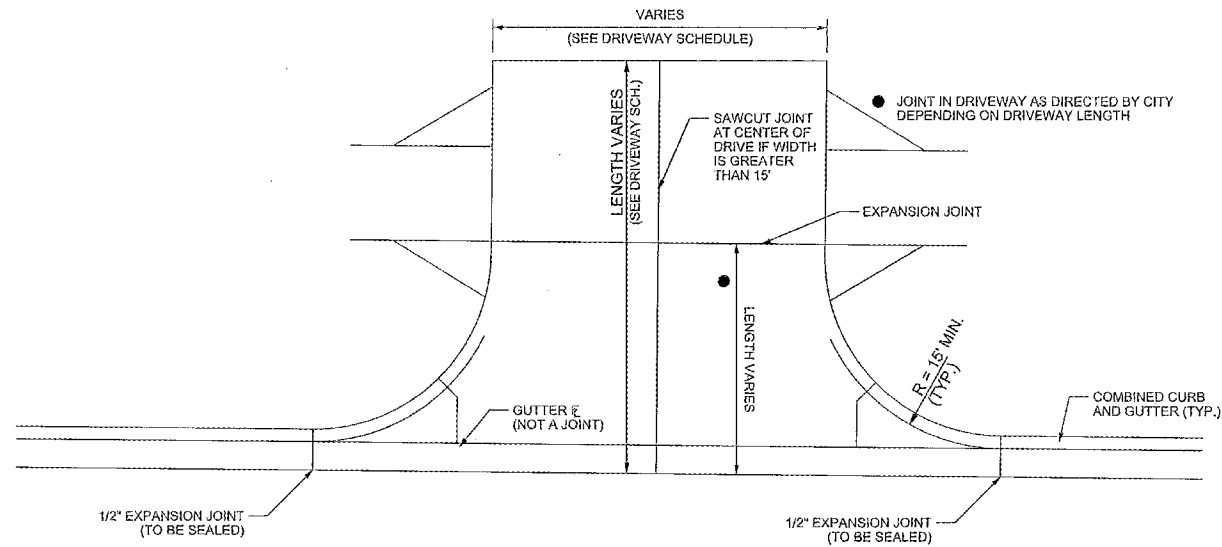
SUMMARY TABLES			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY:			
		6100 S. YALE AVE. SUITE 1300 TULSA, OKLAHOMA 74136 Phone: (918) 250-5922 Fax: (918) 858-0107	
PLAN SCALE:	DRAWN	CTC	05/20/25
	DESIGNED	ACF	05/20/25
	SURVEY		
PROFILE SCALE:	PROJ. MGR.	RF	10/25
	LEAD ENGR.	RF	11/25
	FIELD MGR.	RF	11/25
	RECOMMENDED	RF	11/25
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ATLAS PAGE NO:	45, 46, 78, 77	DATE:	12/5/2025
SHEET 6 OF 40 SHEETS			



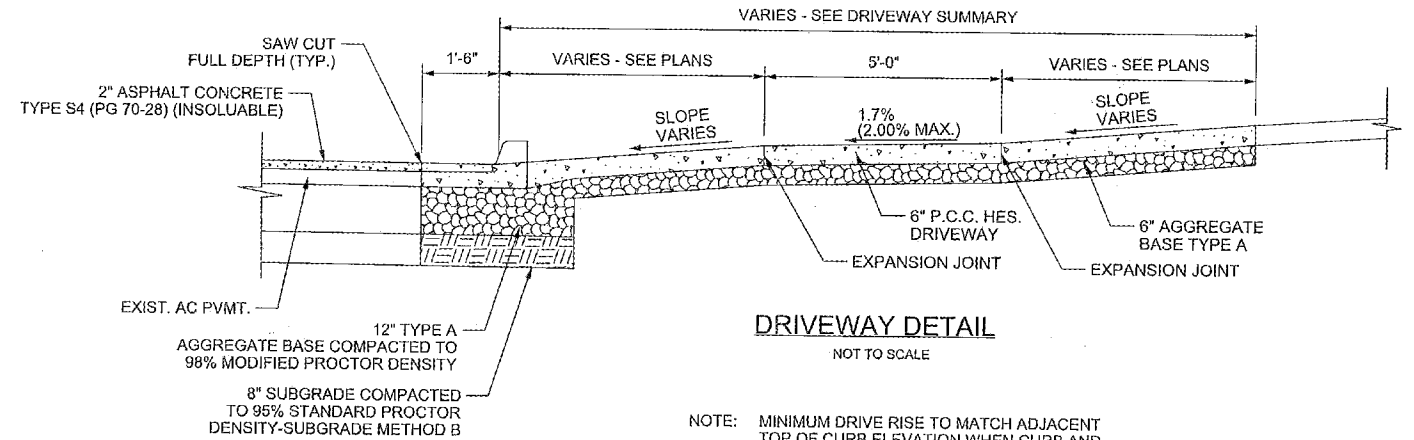
TYPICAL SECTIONS (SHEET 2 OF 3)				
PROJECT NO. 144017-AP AND TMUA-W 17-33				
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION				
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PLAN SCALE: NTS	DRAWN DESIGNED SURVEY	CTC ACF	05/2025 05/2025	APPROVED:
PROFILE SCALE: NA	PROJ. MGR. LEAD ENGR. FIELD MGR.	PF D T	11/25 11/25 11/25	
VERTICAL:	RECOMMENDED DESIGN MANAGER	DATE: 12/15/2025		
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SHEET		8 OF 40 SHEETS		



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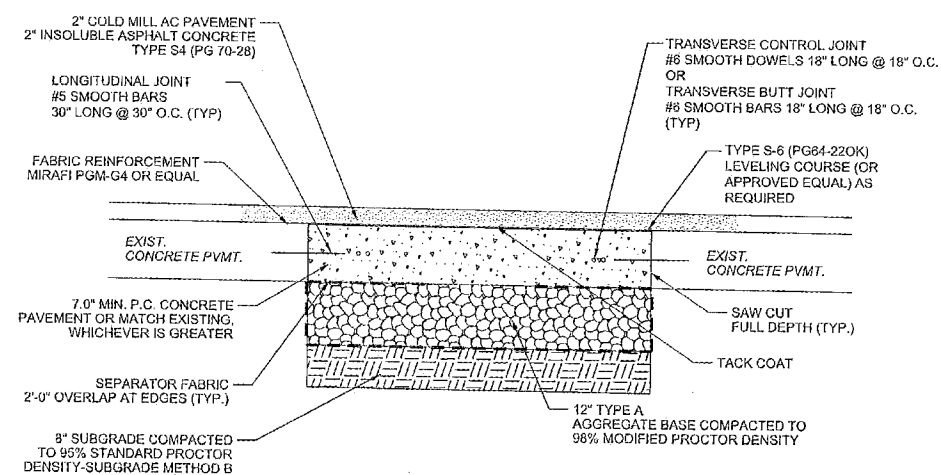


DRIVEWAY DETAIL
NOT TO SCALE
(ROADWAY WITH CURB)



DRIVEWAY DETAIL
NOT TO SCALE

NOTE: MINIMUM DRIVE RISE TO MATCH ADJACENT
TOP OF CURB ELEVATION WHEN CURB AND
GUTTER IS PRESENT



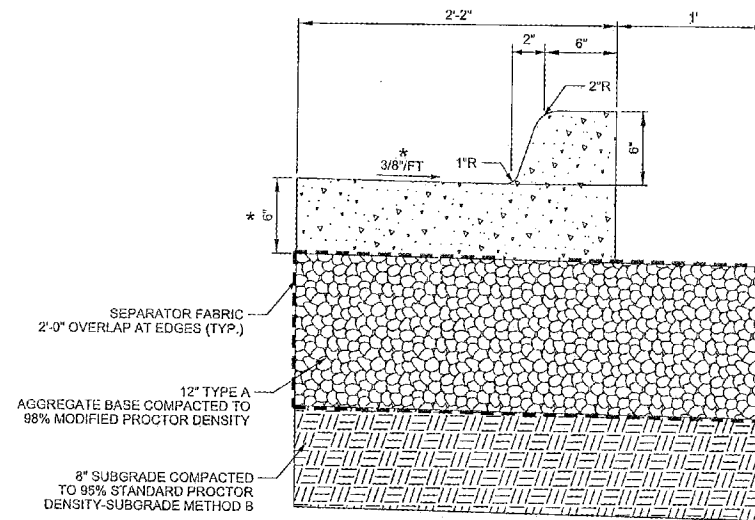
TYPE 1 APC PATCH

NOTE: LOCATION OF CONCRETE WITH
ASPHALT OVERLAY PATCH SHOWN ON
PLANS.

NOTE:

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

NOT TO SCALE
SEE COT STD 725

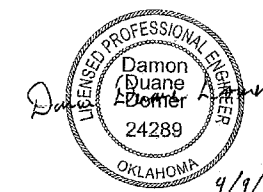


* OR MATCH EXISTING

**6" BARRIER
COMBINED CURB AND
GUTTER DETAIL**
NOT TO SCALE



TYPICAL SECTIONS (SHEET 3 OF 3)				
PROJECT NO. 144017-AP AND TMUA-W 17-33				
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION				
CITY OF TULSA, OKLAHOMA PUBLIC WORKS				
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PLAN SCALE:	DRAWN	CTC	05/2025	APPROVED:
NTS	DESIGNED	ACF	05/2025	
PROFILE SCALE:	PROJ. MGR.	RF	11/25	
H/A	LEAD ENGR.	DI	11/25	
HORIZONTAL:	FIELD MGR.	RF	11/25	
VERTICAL:	RECOMMENDED:	RF	11/25	
	DESIGN MANAGER			CITY ENGINEER
FILE:	DRAWING:			DATE: 12/5/2025
ATLAS PAGE NO:	45, 46, 76, 77			SHEET 8 OF 40 SHEETS

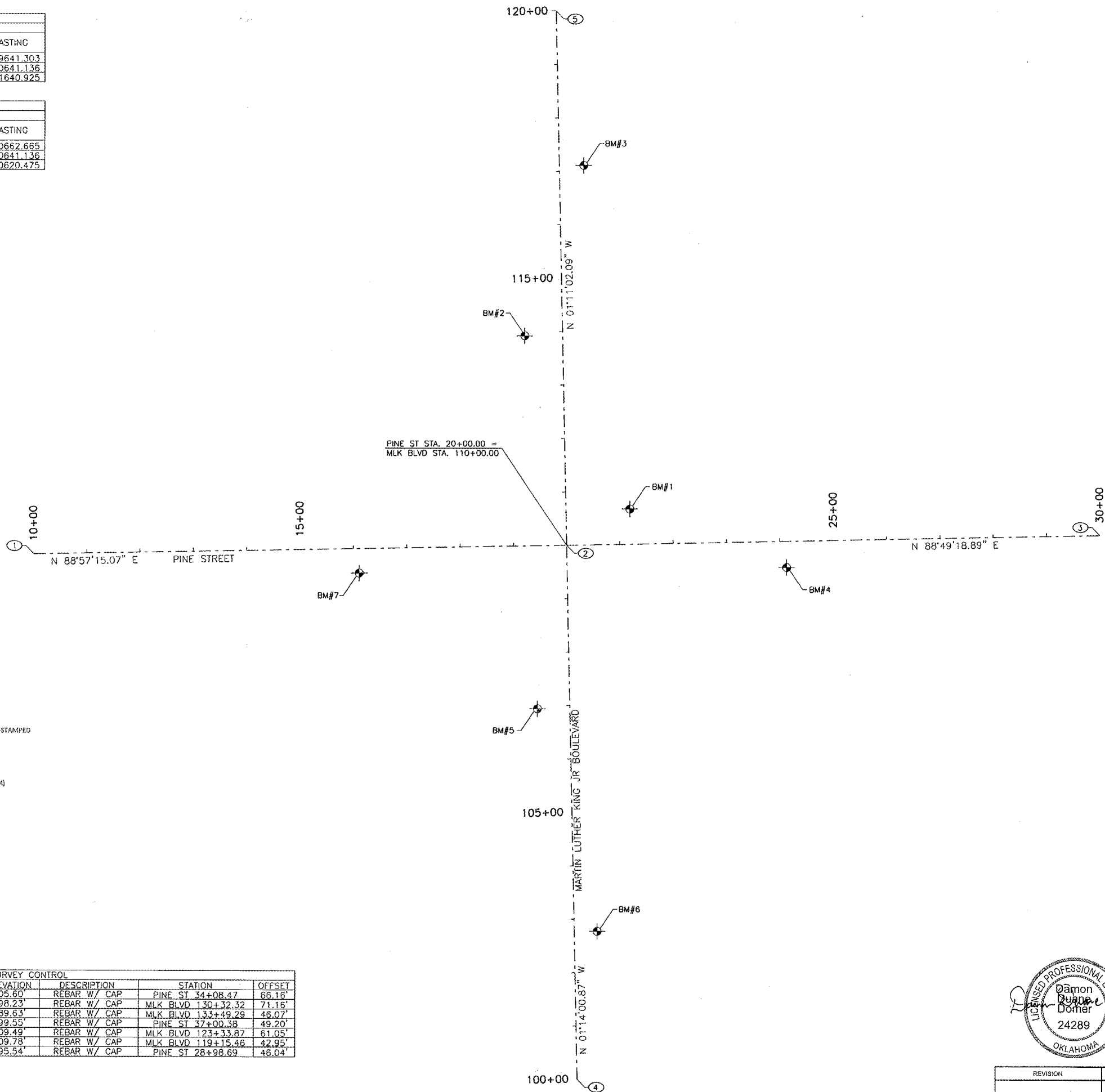


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GEOMETRIC LAYOUT TABLE				
PINE STREET				
POINT DESCRIPTION	POINT NUMBER	STATION	NORTHING	EASTING
POB	1	10+00.00	434529.015	2559641.303
PI	2	20+00.00	434547.267	2560641.136
POE	3	30+00.00	434567.827	2561640.925

GEOMETRIC LAYOUT TABLE				
MARTIN LUTHER KING BOULEVARD				
POINT DESCRIPTION	POINT NUMBER	STATION	NORTHING	EASTING
POB	4	100+00.00	433547.499	2560662.665
PI	2	110+00.00	434547.267	2560641.136
POE	5	120+00.00	435547.054	2560620.475



SURVEY CONTROL DATA

- HORIZONTAL CONTROL
 - HORIZONTAL CONTROL FOR THIS SURVEY IS THE OKLAHOMA STATE PLANE COORDINATE SYSTEM, NAD 83.
 - ACCURACY - 3rd ORDER
- BEARING
 - THE BEARINGS SHOWN HEREIN OR HEREON ARE GRID BEARINGS DERIVED FROM USAC&G OKLAHOMA STATE PLANE COORDINATE SYSTEM AND ARE NOT ASTRONOMICAL.
- VERTICAL CONTROLS
 - LEVEL DATUM IS MEAN SEA LEVEL (USC&G), NAVD 1989
 - ACCURACY - 3rd ORDER
- SITE SURVEY CONTROL POINTS WERE ESTABLISHED USING THE FOLLOWING TULSA CONTROL POINTS:

CONTROL DOCUMENTATION

ADS BENCHMARK #PW007-1 - 5/8" REBAR - 1-1/2" ALUMINUM CAP-FLUSH-STAMPED "CITY OF TULSA/FIELD ENGINEERING" SET NEAR 413 N. BOSTON AVE ON THE EAST SIDE OF BOSTON AVE ON THE SLOPE JUST SOUTH OF I-244.

STA. NAME: PW007-1 N 428855.936
E 2560719.529
ELEV - 740.792' (NAVD 88)

ADS BENCHMARK #TA06 - THE STATION IS LOCATED ABOUT 7.3 MI (11.7 KM) SOUTH OF SPERRY, 6.7 MI (10.8 KM) WEST-SOUTHWEST OF MINGO AND 2.7 MI (4.3 KM) NORTH-NORTHEAST OF TULSA.

TO REACH THE STATION FROM THE INTERSECTION OF PEORIA AVENUE AND 26TH ST NORTH, GO WEST FROM 0.63 KM (0.39 MI) TO STATION ON THE RIGHT.

STATION MARKER IS AN ALUMINUM CAP SET IN CONCRETE. IT IS LOCATED 12.44 M (40.8 FT) NORTH OF THE CENTERLINE OF A 30 CM (12 INCH) STEEL POST, 7.59 M (24.9 FT) SOUTHEAST OF THE CENTERLINE OF A MAN HOLE COVER, 27.71 M (90.9 FT) NORTH OF THE CENTERLINE OF APACHE.

STA. NAME: TA06 N 439987.414
E 2563079.787
ELEV - 653.73' (NAVD 88)

ADS BENCHMARK #64 - 5/8" REBAR-1-1/2" ALUMINUM CAP-FLUSH-SET IN CONCRETE-STAMPED "64", SET N.W. OF THE INTERSECTION OF APACHE ST. AND UTICA AVE. 0.40' BELOW GROUND

STA. NAME: 64 N 440109.581
E 2568295.152
ELEV - 651.716' (NAVD 88)

SURVEY CONTROL						
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION	STATION	OFFSET
1	434615.8759	2560759.6429	705.60'	REBAR W/ CAP	PINE ST 34+08.47	66.16'
2	434939.1458	2560561.8300	698.23'	REBAR W/ CAP	MLK BLVD 130+32.32	71.16'
3	435258.4687	2560672.4824	689.63'	REBAR W/ CAP	MLK BLVD 133+49.29	46.07'
4	434506.5467	2561053.8591	699.55'	REBAR W/ CAP	PINE ST 37+00.38	49.20'
5	434241.0024	2560586.6367	709.49'	REBAR W/ CAP	MLK BLVD 123+33.87	61.05'
6	433824.9287	2560699.6200	709.78'	REBAR W/ CAP	MLK BLVD 119+15.46	42.95'
7	434494.1185	2560252.1514	695.54'	REBAR W/ CAP	PINE ST 28+98.69	46.04'

HORIZONTAL/VERTICAL CONTROL AND GEOMETRIC DATA

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

PLANS AND ESTIMATES PREPARED BY:



6100 S. YALE AVE, SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 858-0107

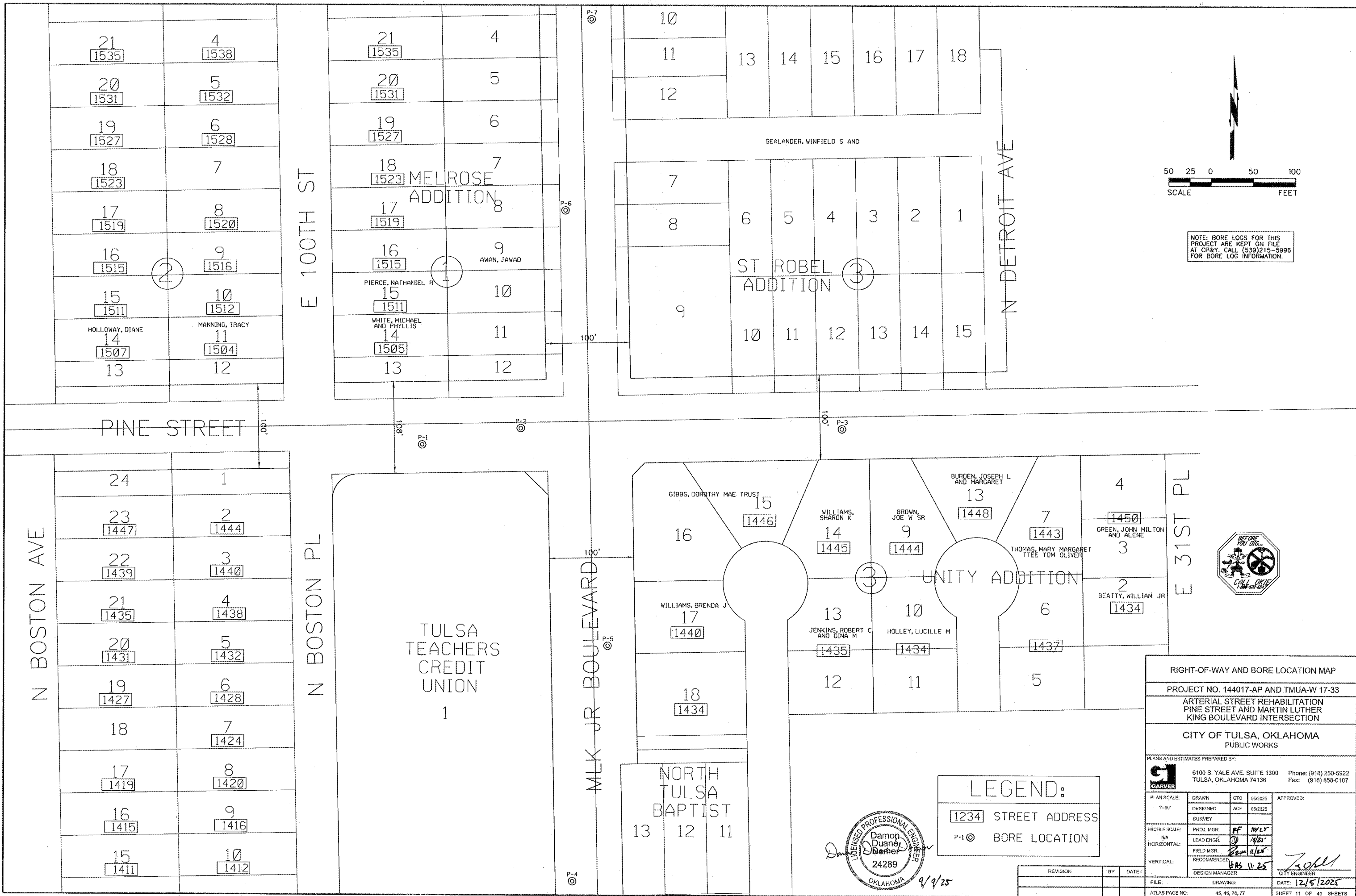
PLAN SCALE: 1" = 100'	DRAWN DESIGNED SURVEY	CTC ACF	02/2025 05/2025	APPROVED:
PROFILE SCALE: 1" = 10'	PROJ. INGR. LEAD ENGR. FIELD MGR.	RF D D	12/25 1/25 1/25	
VERTICAL:	RECOMMENDED: DESIGN MANAGER		12/25	
FILE:	DRAWING:			
ATLAS PAGE NO:	45, 48, 76, 77			



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STORM WATER MANAGEMENT PLAN

SITE DESCRIPTION

PROJECT LIMITS: THIS PROJECT IS LOCATED IN COUNCIL DISTRICT 1, NORTH OF DOWNTOWN TULSA AT THE INTERSECTION OF E PINE STREET AND MARTIN LUTHER KING JR (MLK) BOULEVARD.

PROJECT DESCRIPTION: THE PROPOSED PROJECT INCLUDES THE PATCHING FULL-DEPTH SECTIONS THROUGH THE INTERSECTION AS WELL AS MILLING OFF THE EXISTING ASPHALT PAVEMENT AND REPLACING WITH NEW ASPHALT PAVEMENT. THE PROJECT LENGTH ALONG E PINE ST AND MLK BLVD ARE APPROXIMATELY 620 AND 810 FEET, RESPECTIVELY.

SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES:

- 1. INSTALL TEMPORARY EROSION CONTROL DEVICES
- 2. REMOVE EXISTING PAVEMENT
- 3. REPLACE CURB AND GUTTER, PAVEMENT AND WATERLINE
- 4. REMOVED TEMPORARY EROSION CONTROL
- 5. PLACE PERMANENT EROSION CONTROL

SOIL TYPE: CLAY WITH SAND, CLAYEY SAND WITH GRAVEL

TOTAL AREA OF THE CONSTRUCTION SITE:
ESTIMATED AREA TO BE DISTURBED: 1.03 ACRES
OFFSITE AREA TO BE DISTURBED: (FOR CONTRACTOR USE)
TOTAL IMPERVIOUS AREA PRE-CONSTRUCTION:
TOTAL IMPERVIOUS AREA POST-CONSTRUCTION:
POST-CONSTRUCTION RUNOFF COEFFICIENT OF THE SITE:
LATITUDE & LONGITUDE OF CENTER OF PROJECT: 36°10'37"N 95°59'37"W

PROJECT WILL DISCHARGE TO:

NAME OF RECEIVING WATERS: DIRTY BUTTER CREEK
SENSITIVE WATERS OR WATERSHEDS: YES NO
303(d) IMPAIRED WATERS: YES NO
IF YES, LIST IMPAIRMENT:
LOCATED IN A TMDL: YES NO
LAKE THUNDERBIRD TMDL: NO
MS4 ENTITY YES NO
IF YES, LOCATION:

NOTE: THIS SHEET SHOULD BE USED IN CONJUNCTION WITH A DRAINAGE MAP THAT ILLUSTRATES THE DRAINAGE PATTERNS/PATHWAYS AND RECEIVING WATERS FOR THIS PROJECT. THIS SHEET SHOULD ALSO BE USED WITH THE EROSION CONTROL SUMMARIES, PAY ITEMS, & NOTES.

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

- TEMPORARY SEEDING
- PERMANENT SODDING, SPRIGGING OR SEEDING
- VEGETATIVE MULCHING
- SOIL RETENTION BLANKET
- PRESERVATION OF EXISTING VEGETATION

NOTE: TEMPORARY EROSION CONTROL METHODS MUST BE USED ON ALL DISTURBED AREAS WHERE CONSTRUCTION ACTIVITIES HAVE CEASED FOR OVER 14 DAYS. METHODS USED WILL BE AS SHOWN ON PLANS, OR AS DIRECTED BY THE ENGINEER.

STRUCTURAL PRACTICES:

- STABILIZED CONSTRUCTION EXIT
- TEMPORARY SILT FENCE
- TEMPORARY SILT DIKES
- TEMPORARY FIBER LOG
- DIVERSION, INTERCEPTOR OR PERIMETER DIKES
- DIVERSION, INTERCEPTOR OR PERIMETER SWALES
- ROCK FILTER DAMS
- TEMPORARY SLOPE DRAIN
- PAVED DITCH W/ DITCH LINER PROTECTION
- TEMPORARY DIVERSION CHANNELS
- TEMPORARY SEDIMENT BASINS
- TEMPORARY SEDIMENT TRAPS
- TEMPORARY SEDIMENT FILTERS
- TEMPORARY SEDIMENT REMOVAL
- RIP RAP
- INLET SEDIMENT FILTER
- TEMPORARY BRUSH SEDIMENT BARRIERS
- SANDBAG BERMS
- TEMPORARY STREAM CROSSINGS

OFFSITE VEHICLE TRACKING:

- HAUL ROADS DAMPENED FOR DUST CONTROL
- LOADED HAUL TRUCKS TO BE COVERED WITH TARPULIN
- EXCESS DIRT ON ROAD REMOVED DAILY

NOTES:

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE FOLLOWING:

MAINTENANCE AND INSPECTION:

ALL EROSION AND SEDIMENT CONTROLS WILL BE MAINTAINED IN GOOD WORKING ORDER FROM THE BEGINNING OF CONSTRUCTION UNTIL AN ACCEPTABLE VEGETATIVE COVER IS ESTABLISHED. INSPECTION BY THE CONTRACTOR AND ANY NECESSARY REPAIRS SHALL BE PERFORMED ONCE EVERY 7 CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5 INCH AS RECORDED BY A NON-FREEZING RAIN GAUGE TO BE LOCATED ON SITE. POTENTIALLY ERODIBLE AREAS, DRAINAGEWAYS, MATERIAL STORAGE, STRUCTURAL DEVICES, CONSTRUCTION ENTRANCES A EXITS ALONG WITH EROSION AND SEDIMENT CONTROL LOCATIONS ARE EXAMPLES OF SITES THAT NEED TO BE INSPECTED.

WASTE MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF CONSTRUCTION WASTE MATERIAL IS REQUIRED BY THE CONTRACTOR. MATERIALS INCLUDE STOCKPILES, SURPLUS, DEBRIS AND ALL OTHER BY-PRODUCTS FROM THE CONSTRUCTION PROCESS. PRACTICES INCLUDE DISPOSAL, PROPER MATERIALS HANDLING, SPILL PREVENTION AND CLEANUP MEASURES. CONTROLS AND PRACTICES SHALL MEET THE REQUIREMENTS OF ALL FEDERAL, STATE AND LOCAL AGENCIES.

HAZARDOUS MATERIALS:

PROPER MANAGEMENT AND DISPOSAL OF HAZARDOUS WASTE MATERIALS IS REQUIRED. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING MANUFACTURER'S RECOMMENDATIONS, STATE AND FEDERAL REGULATIONS TO ENSURE CORRECT HANDLING, DISPOSAL, SPILL PREVENTION AND CLEANUP MEASURES. EXAMPLES INCLUDE BUT ARE NOT LIMITED TO: PAINTS, ACIDS, CLEANING SOLVENTS, CHEMICAL ADDITIVES, CONCRETE CURING COMPOUNDS AND CONTAMINATED SOILS.

GENERAL NOTES:

A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED TO COMPLY WITH THE OKLAHOMA POLLUTION DISCHARGE ELIMINATION SYSTEM (OPDES) REGULATIONS. THIS PLAN IS INITIATED DURING THE DESIGN PHASE, CONFIRMED IN THE PRE-WORK MEETINGS AND AVAILABLE ON THE JOB SITE ALONG WITH COPIES OF THE NOTICE OF INTENT (NOI) FORM AND PERMIT CERTIFICATE THAT HAVE BEEN FILED WITH THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY (ODEQ). THE PLAN MUST BE KEPT CURRENT WITH UP-TO-DATE AMENDMENTS DURING THE PROGRESSION OF THE PROJECT. ALL CONTRACTOR OFF-SITE OPERATIONS ASSOCIATED WITH THE PROJECT MUST BE DOCUMENTED IN THE SWPPP, I.E., BORROW PITS, WORK ROADS, DISPOSAL SITES, ASPHALT/CONCRETE PLANTS, ETC. THE BASIC GOAL OF STORM WATER MANAGEMENT IS TO IMPROVE WATER QUALITY BY REDUCING POLLUTANTS IN STORM WATER DISCHARGES. RUNOFF FROM CONSTRUCTION SITES HAS A POTENTIAL FOR POLLUTION DUE TO EXPOSED SOILS AND THE PRESENCE OF HAZARDOUS MATERIALS USED IN THE CONSTRUCTION PROCESS. THE PREVENTION OF SOIL EROSION, CONTAINMENT OF HAZARDOUS MATERIALS AND/OR THE INTERCEPTION OF THESE POLLUTANTS BEFORE LEAVING THE CONSTRUCTION SITE ARE THE BEST PRACTICES FOR CONTROLLING STORM WATER POLLUTION.

THE FOLLOWING SECTIONS OF THE 2019 ODOT STANDARD SPECIFICATIONS SHOULD BE NOTED:

- 103.05 BONDING REQUIREMENTS
- 104.10 FINAL CLEAN UP
- 104.12 CONTRACTOR'S RESPONSIBILITY FOR WORK
- 104.13 ENVIRONMENTAL PROTECTION
- 106.08 STORAGE AND HANDLING OF MATERIAL
- 107.01 LAWS, RULES AND REGULATIONS TO BE OBSERVED
- 107.20 STORM WATER MANAGEMENT
- 220 MANAGEMENT OF EROSION, SEDIMENTATION AND STORM WATER POLLUTION PREVENTION AND CONTROL
- 221 TEMPORARY SEDIMENT CONTROL

IN ADDITION:

"ODEQ GENERAL PERMIT (OKR10) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES WITHIN THE STATE OF OKLAHOMA." ODEQ, WATER QUALITY DIVISION, NOVEMBER 1, 2023.

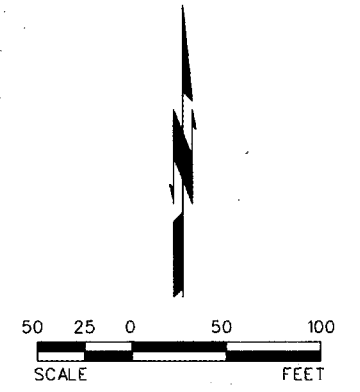
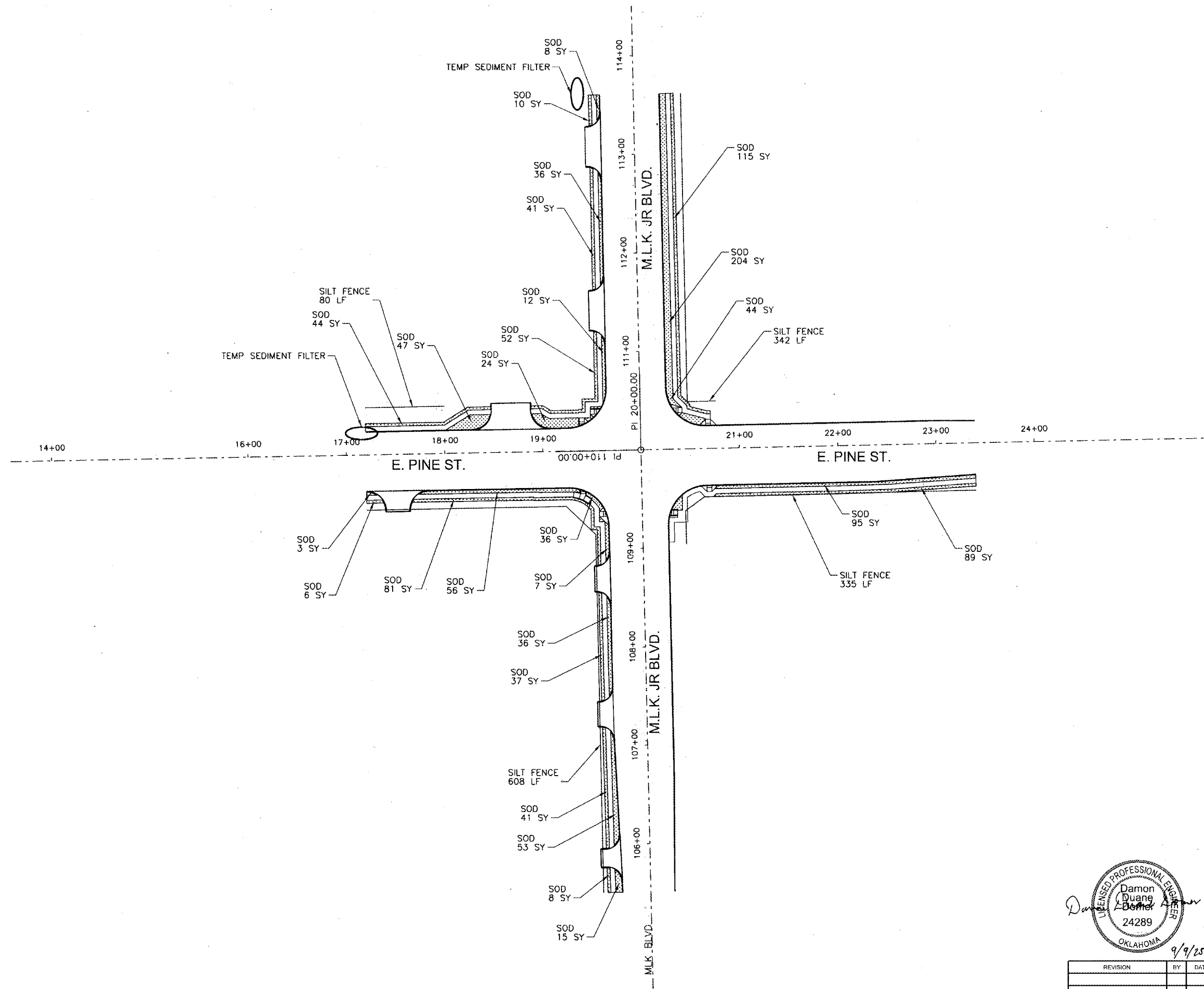
ADDITIONAL PERMITS REQUIRED FROM OKLAHOMA WATER RESOURCES BOARD



REVISION	BY	DATE

STORMWATER MANAG			
PROJECT NO. 144017-AP A			
ARTERIAL STREET REP PINE STREET AND MAR KING BOULEVARD INT			
CITY OF TULSA, O PUBLIC WORK			
PLANS AND ESTIMATES PREPARED BY: GARVER 6100 S. YALE AVE. SUITE 13 TULSA, OKLAHOMA 74136			
PLAN SCALE: N/A	DRAWN CTC	05/20/25	05/20/25
DESIGNED ACF	05/20/25		
SURVEY			
PROFILE SCALE: N/A	PROJ. MGR. PF	10/25	
HORIZONTAL: N/A	LEAD ENGR. ①	1/15	
FIELD MGR. RECOMMENDED	PF	11/15	
DESIGN MANAGER	HAS	11/25	
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ATLAS PAGE NO. 45, 46, 76, 77			

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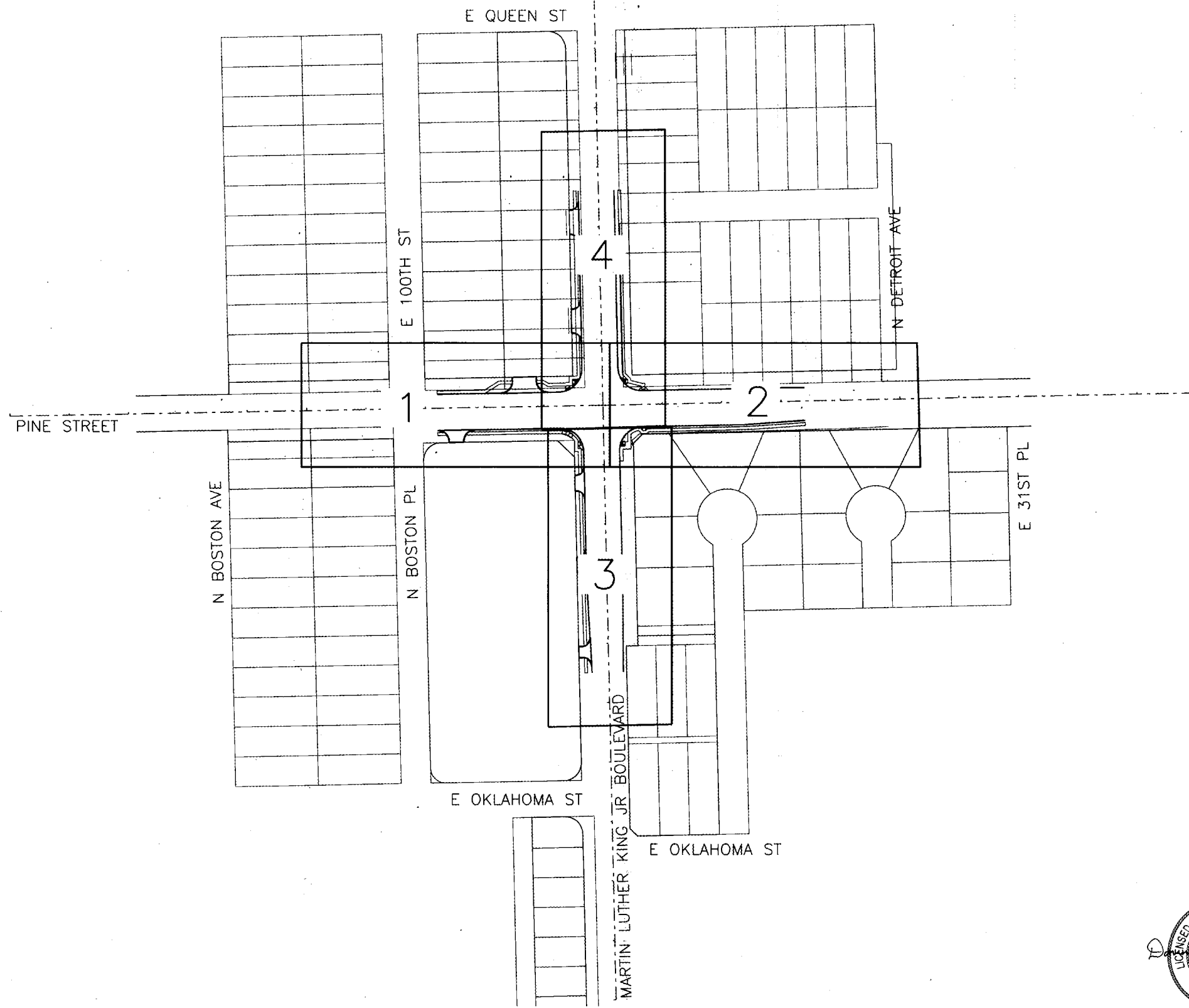


LEGEND	
	SILT DIKE
	TEMP SEDIMENT FILTER
	SOLID SLAB SODDING
	SILT FENCE
	ALIGN ROW LINE



EROSION CONTROL PLAN			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY:			
		6100 S. YALE AVE. SUITE 1300 TULSA, OKLAHOMA 74136	
		Phone: (918) 250-5922 Fax: (918) 858-0107	
PLAN SCALE:	DRAWN	CTC	05/2025
1"=50'	DESIGNED	ACT	05/2025
	SURVEY		
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N/A	LEAD ENGR.	RE	11/25
HORIZONTAL:	FIELD MGR.	RE	11/25
VERTICAL:	RECOMMENDED:	RE	11/25
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ROADWAY KEY MAP			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY:			
		6100 S. YALE AVE. SUITE 1300 TULSA, OKLAHOMA 74136	
		Phone: (918) 250-5922 Fax: (918) 858-0107	
PLAN SCALE:	DRAWN	CTC	05/2025
1" = 100'	DESIGNED	ACF	05/2025
	SURVEY		
PROFILE SCALE:	PROJ. MGR.	PR	11/25
N/A	LEAD ENGR.	DL	11/25
HORIZONTAL:	FIELD MGR.	DL	11/25
VERTICAL:	RECOMMENDED:	HAS	11-25
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ATLAS PAGE NO:	45, 46, 76, 77		

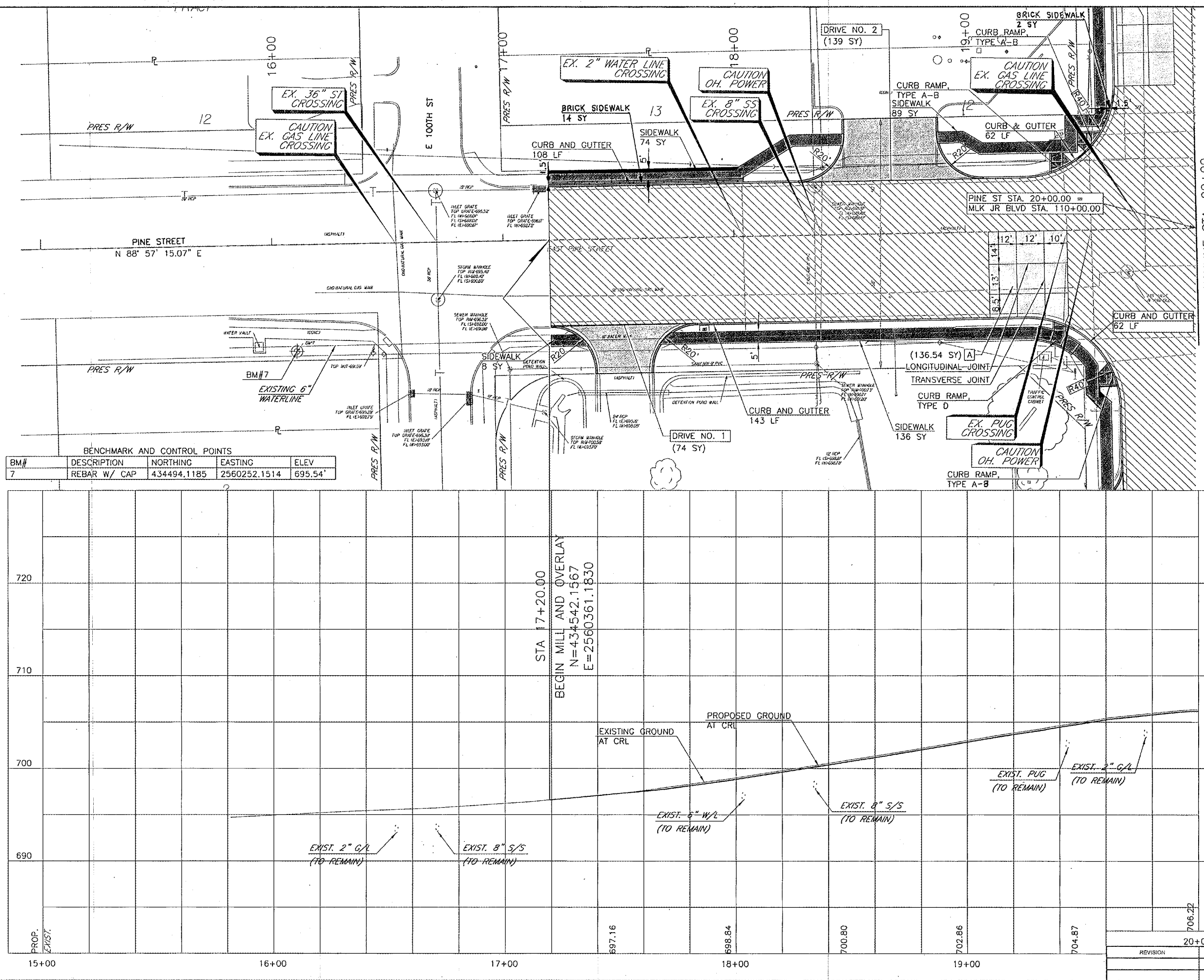


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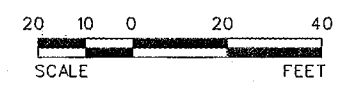
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CITY ENGINEER
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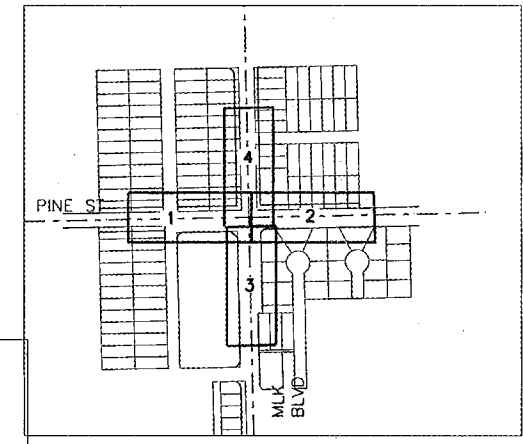
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- LEGEND
- 2" MILL AND 2" OVERLAY
 - CONSTRUCT CONCRETE DRIVEWAY
 - SIDEWALK/PEDESTRIAN RAMP
 - TYPE I APC PATCH
 - REMOVE/REPLACE CURB AND GUTTER
 - PATTERNED BRICK DECO SIDEWALK
 - ADJUST MANHOLE TO GRADE
 - EXISTING MANHOLE TO REMAIN
 - DRAINAGE STRUCTURE NUMBER
 - DRIVEWAY NUMBER
 - DIRECTION OF DRAINAGE FLOW
 - TYPE I APC PATCH
- ①
②
STR. X
DRIVE NO. X
A



KEY MAP



ROADWAY PLAN AND PROFILE
PINE ST
(SHEET 1 OF 4)

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

PLANS AND ESTIMATES PREPARED BY:

6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 858-0107

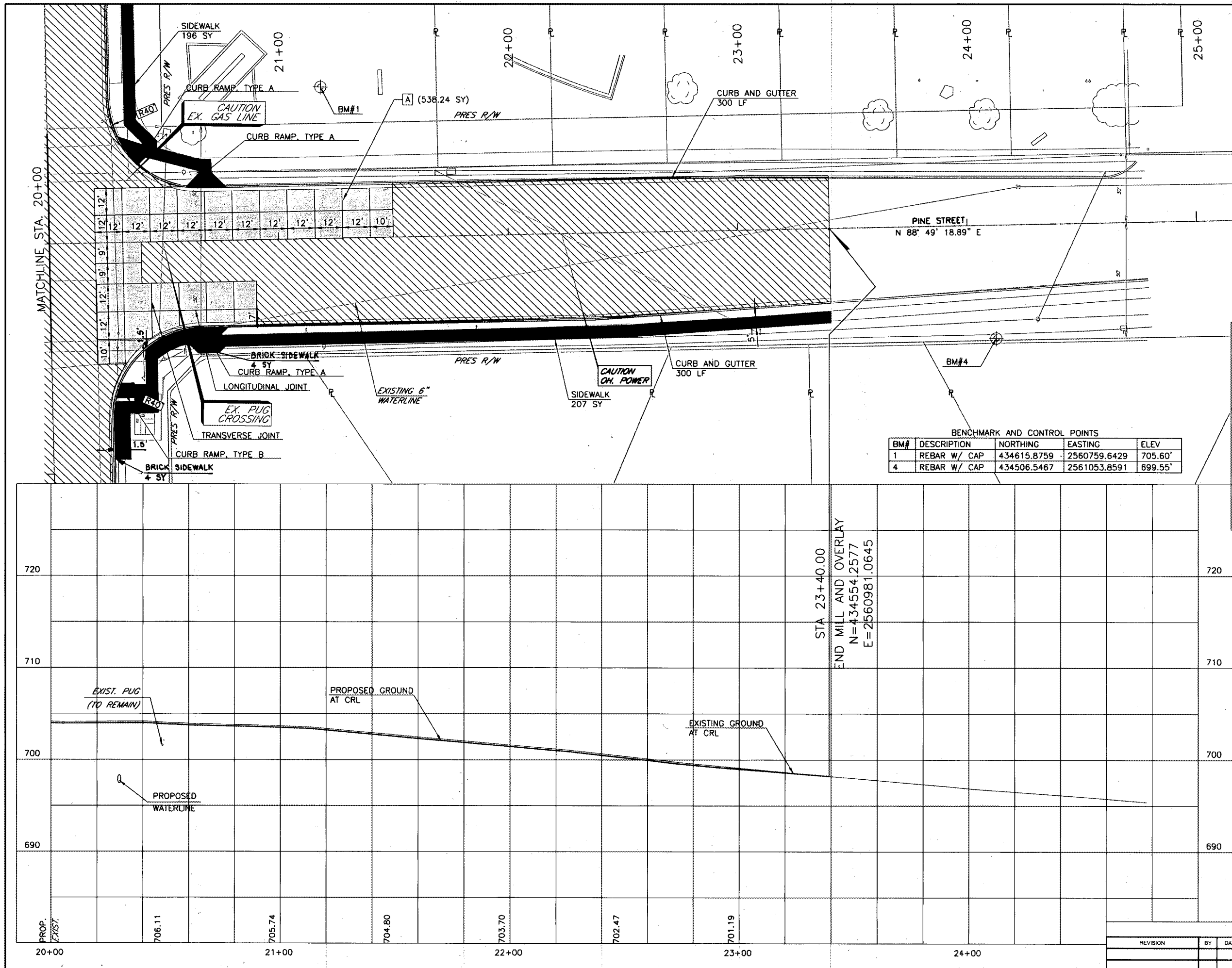
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	SURVEY		

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	FIELD MGR.	Paci	11/25
	RECOMMENDED	HAS	11/25
	DESIGN MANAGER		

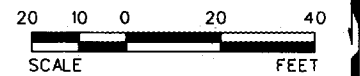
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VERTICAL: <td>1" = 5'</td>	1" = 5'

REVISION	BY	DATE

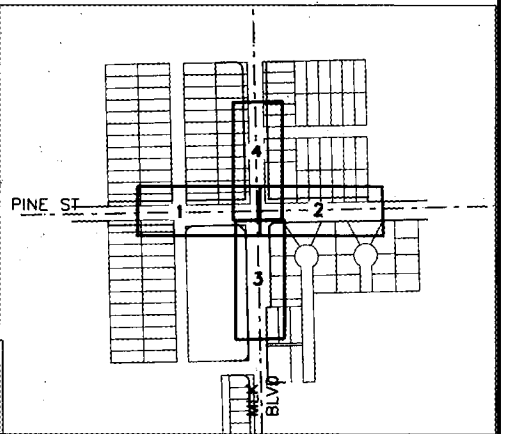
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ATLAS PAGE NO.	45, 46, 76, 77	SHEET 15 OF 40 SHEETS



- LEGEND**
- 2" MILL AND 2" OVERLAY
 - CONSTRUCT CONCRETE DRIVEWAY
 - SIDEWALK/PEDESTRIAN RAMP
 - TYPE I APC PATCH
 - REMOVE/REPLACE CURB AND GUTTER
 - PATTERNED BRICK DECO SIDEWALK
 - ① ADJUST MANHOLE TO GRADE
 - ② EXISTING MANHOLE TO REMAIN
 - STR. X DRAINAGE STRUCTURE NUMBER
 - DRIVE NO. X DRIVEWAY NUMBER
 - DIRECTION OF DRAINAGE FLOW
 - A TYPE 1 APC PATCH



KEY MAP



BENCHMARK AND CONTROL POINTS

BM#	DESCRIPTION	NORTHING	EASTING	ELEV
1	REBAR W/ CAP	434615.8759	2560759.6429	705.60'
4	REBAR W/ CAP	434506.5467	2561053.8591	699.55'



ROADWAY PLAN AND PROFILE
PINE ST
(SHEET 2 OF 4)

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

PLANS AND ESTIMATES PREPARED BY:
6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 858-0107

PLAN SCALE: 1" = 20'

DRAWN	CTC	05/2025
DESIGNED	ACT	05/2025
SURVEY		

PROFILE SCALE: 1" = 20'

PROJ. MGR.	RF	11/25
LEAD ENGR.	Q	11/25
FIELD MGR.	RF	11/25
RECOMMENDED		
DESIGN MANAGER		

HORIZONTAL: 1" = 20'

VERTICAL: 1" = 5'

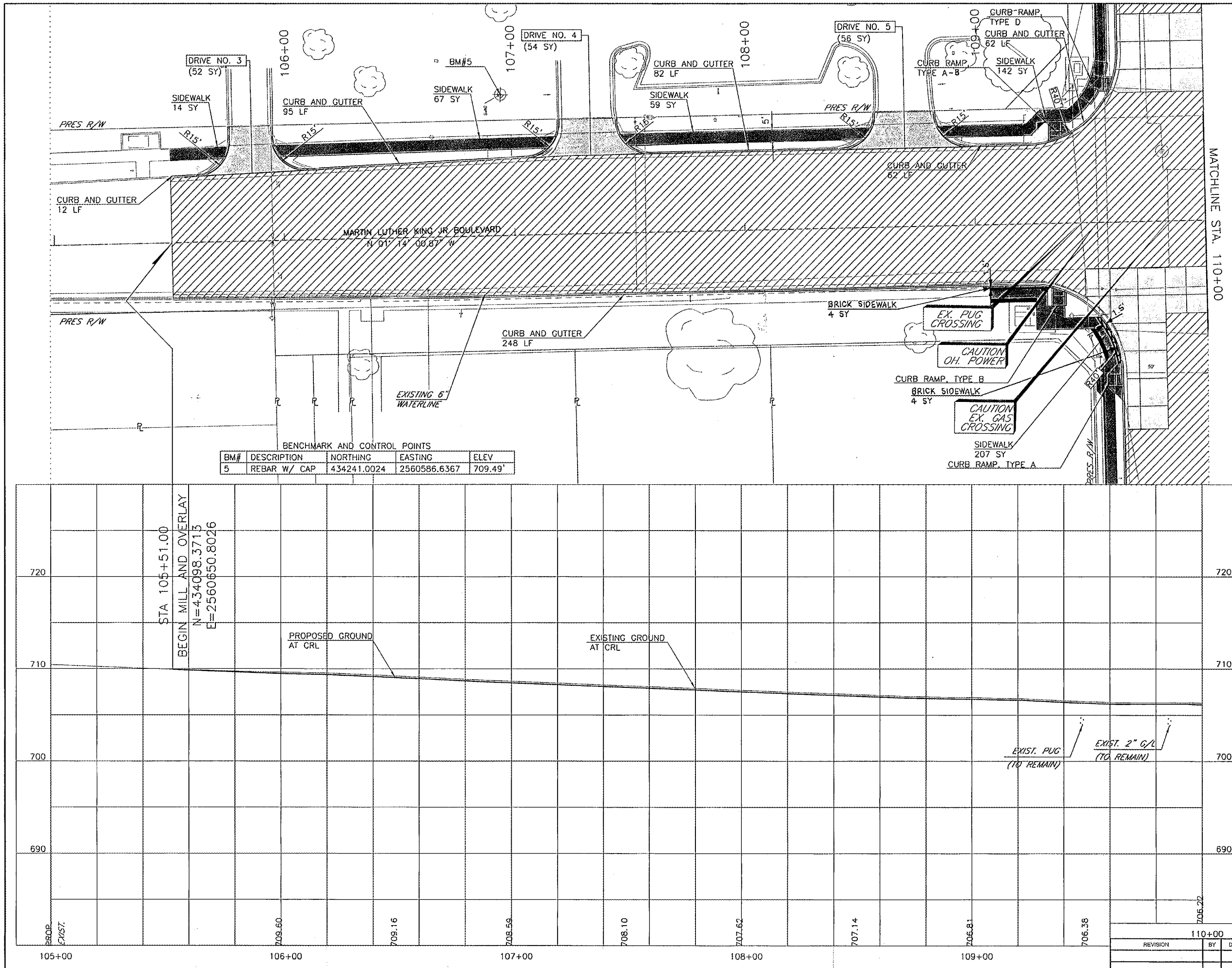
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LEGEND

- 2" MILL AND 2" OVERLAY
- CONSTRUCT CONCRETE DRIVEWAY
- SIDEWALK/PEDESTRIAN RAMP
- TYPE I APC PATCH
- REMOVE/REPLACE CURB AND CUTTER
- PATTERNED BRICK DECO SIDEWALK
- ADJUST MANHOLE TO GRADE
- EXISTING MANHOLE TO REMAIN
- DRAINAGE STRUCTURE NUMBER
- DRIVEWAY NUMBER
- DIRECTION OF DRAINAGE FLOW
- TYPE I APC PATCH

20 10 0 20 40
SCALE FEET

KEY MAP

PROFESSIONAL ENGINEER
Damon Dwyer
24289
OKLAHOMA
9/9/25

ROADWAY PLAN AND PROFILE
MARTIN LUTHER KING JR BOULEVARD
(SHEET 3 OF 4)

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

PLANS AND ESTIMATES PREPARED BY:
G CARVER
6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
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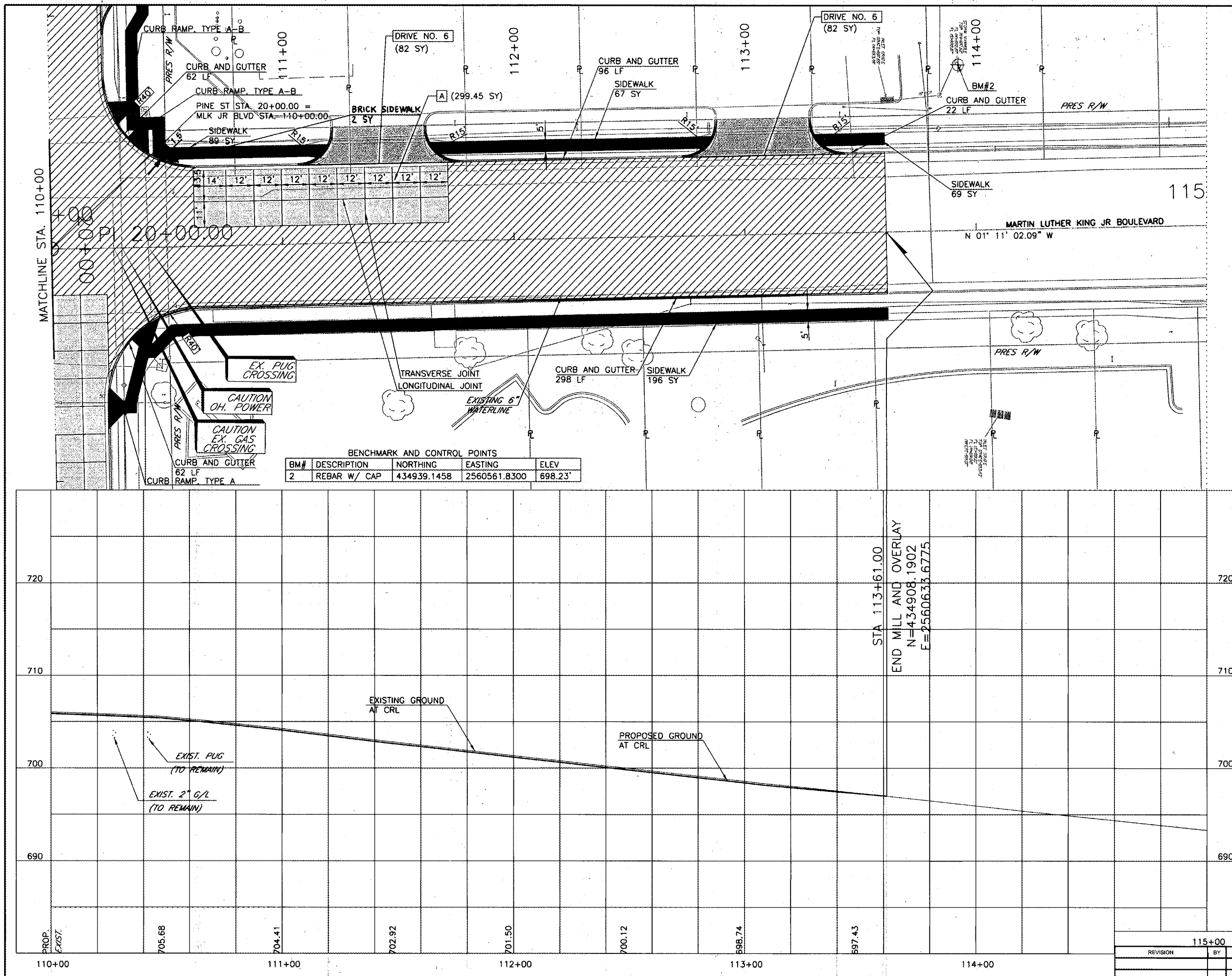
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1" = 20'	DESIGNED	ACF	05/2025	
	SURVEY			

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	FIELD MGR. <td>②<td>9/8</td></td>	② <td>9/8</td>	9/8
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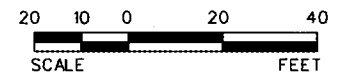
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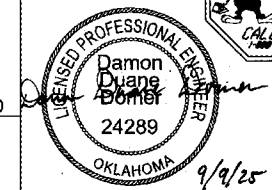
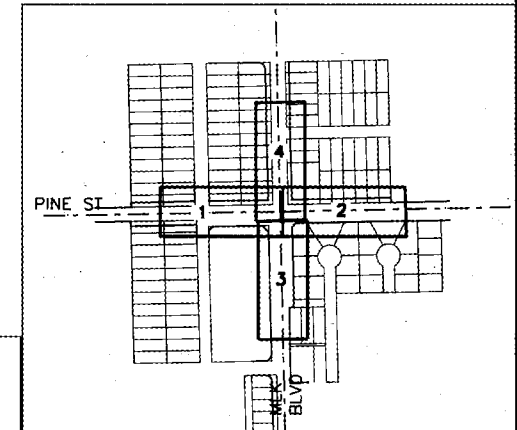
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- LEGEND**
- 2" MILL AND 2" OVERLAY
 - CONSTRUCT CONCRETE DRIVEWAY
 - SIDEWALK/PEDESTRIAN RAMP
 - TYPE I APC PATCH
 - REMOVE/REPLACE CURB AND GUTTER
 - PATTERNED BRICK DECO SIDEWALK
 - ADJUST MANHOLE TO GRADE
 - EXISTING MANHOLE TO REMAIN
 - DRAINAGE STRUCTURE NUMBER
 - DRIVEWAY NUMBER
 - DIRECTION OF DRAINAGE FLOW
 - TYPE I APC PATCH
- ①
②
STR. X
DRIVE NO. X
A



KEY MAP



ROADWAY PLAN AND PROFILE MARTIN LUTHER KING BOULEVARD (SHEET 4 OF 4)			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY: 6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922 TULSA, OKLAHOMA 74136 Fax: (918) 858-0107			
PLAN SCALE: 1" = 20'	DRAWN DESIGNED SURVEY	CTC ACF	05/2025 05/2025
PROFILE SCALE: HORIZONTAL: 1" = 20' VERTICAL: 1" = 5'	PROJ. MGR. LEAD ENGR. FIELD MGR. RECOMMENDED DESIGN MANAGER	APPROVED: DATE: 12/15/2025	CITY ENGINEER
FILE:		DRAWING:	
ATLAS PAGE NO.		SHEET 18 OF 40 SHEETS	

TRAFFIC SIGNAL LEGEND

- EXISTING TRAFFIC SIGNAL CONTROLLER WITH APRON
- 2" ELEC. CONDUIT
- EXISTING CONDUIT
- EXISTING PULL BOX
- EXISTING MAST ARM MOUNTED SIGN
- EXISTING VIDEO DETECTION
- EXISTING SERVICE POLE
- EXISTING MAST ARM POLE
- EXISTING VEHICULAR SIGNAL HEAD
- PROPOSED VEHICULAR SIGNAL HEAD
- PROPOSED PEDESTAL POLE
- PROPOSED PEDESTRIAN SIGNAL HEAD
- PROPOSED PEDESTRIAN PUSH BUTTON
- EXISTING SIGNAL HEAD NUMBER (SEE TABLE #1)
- SIGNAL HEAD NUMBER (SEE TABLE #1)

PUSH BUTTON NOTE:
THE PLACEMENT OF PEDESTRIAN PUSH BUTTONS AND SIGNAL HEADS SHALL BE INSTALLED ON THE POLES SUCH THAT THE SIGNAL HEADS ARE VISIBLE FROM THE CROSSWALK AND THE PUSH BUTTONS ARE UNOBSTRUCTED AND ADJACENT TO AND WITHIN 10" MAXIMUM TO A LEVEL, ALL-WEATHER SURFACE, AND NO MORE THAN 10" MAXIMUM FROM THE FACE OF CURB AT RAMP IN ACCORDANCE WITH ADA AND PROWAG REQUIREMENTS, TO PROVIDE ACCESS FROM A WHEELCHAIR. THE PUSH BUTTONS ARE TO BE MOUNTED ON THE SIDE OF THE POLE CLOSEST TO THE CROSSWALK.

TABLE #3 NEW ELECTRICAL CABLE TO CONTROLLER "A" LOCATION

- B - EXISTING WIRING TO REMAIN
- C - EXISTING WIRING TO REMAIN
- D - EXISTING WIRING TO REMAIN
- E - EXISTING WIRING TO REMAIN

CABLE TERMINAL IDENTIFICATION CODE
EXAMPLE-B-20C
(B) SIGNAL POLE LOCATION
(20C#14) 20 CONDUCTOR CABLE, SIZE 14 WIRE

SIGNAL HEAD DIAGRAMS

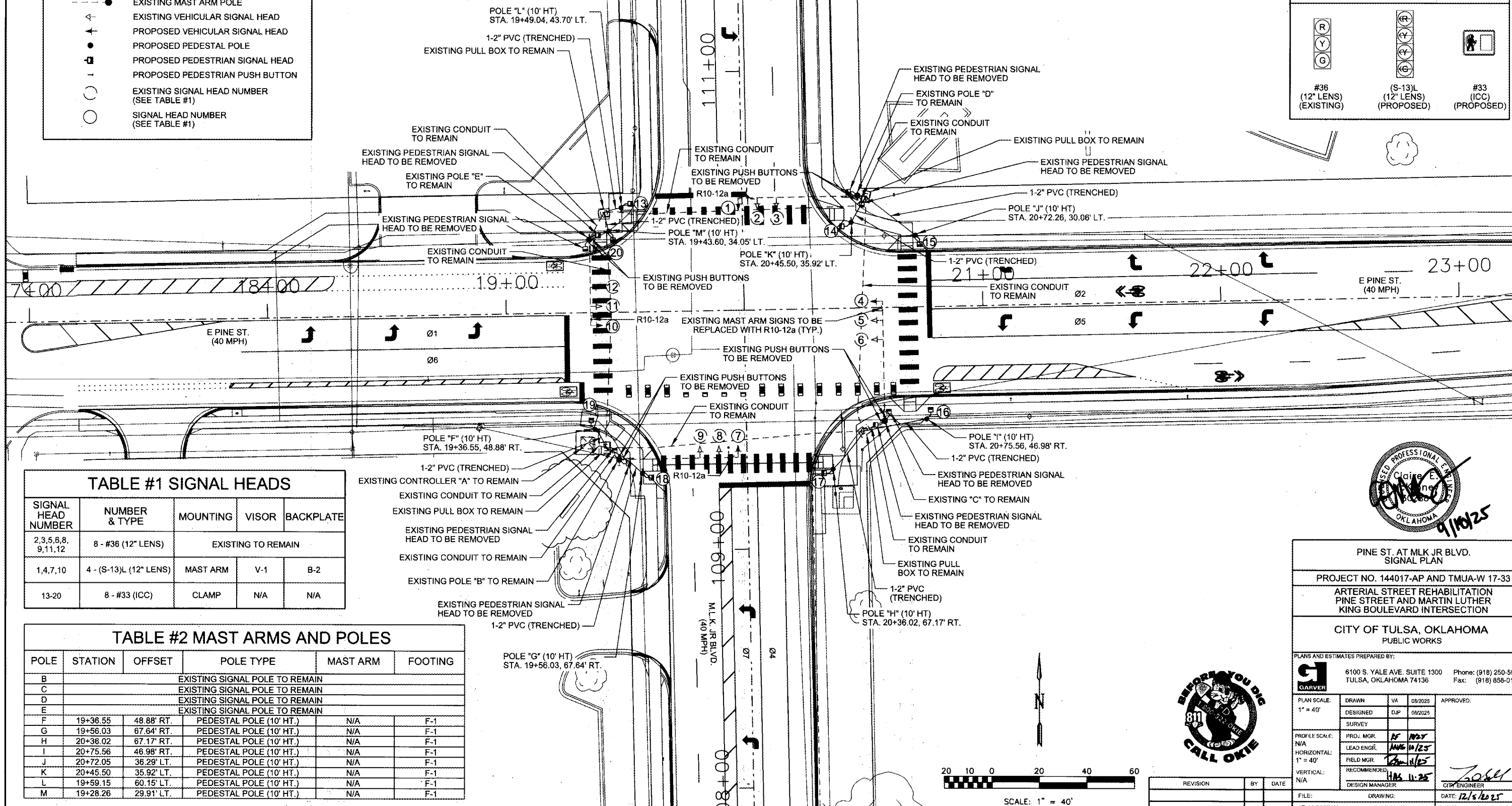
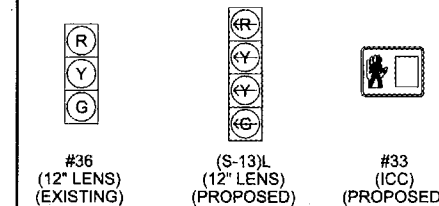


TABLE #1 SIGNAL HEADS

SIGNAL HEAD NUMBER	NUMBER & TYPE	MOUNTING	VISOR	BACKPLATE
2,3,5,6,8,9,11,12	8 - #36 (12" LENS)	EXISTING TO REMAIN		
1,4,7,10	4 - (S-13)L (12" LENS)	MAST ARM	V-1	B-2
13-20	8 - #33 (ICC)	CLAMP	N/A	N/A

TABLE #2 MAST ARMS AND POLES

POLE	STATION	OFFSET	POLE TYPE	MAST ARM	FOOTING
B			EXISTING SIGNAL POLE TO REMAIN		
C			EXISTING SIGNAL POLE TO REMAIN		
D			EXISTING SIGNAL POLE TO REMAIN		
E			EXISTING SIGNAL POLE TO REMAIN		
F	19+36.55	48.88' RT.	PEDESTAL POLE (10' HT.)	N/A	F-1
G	19+56.03	67.64' RT.	PEDESTAL POLE (10' HT.)	N/A	F-1
H	20+36.02	67.17' RT.	PEDESTAL POLE (10' HT.)	N/A	F-1
I	20+75.56	46.98' RT.	PEDESTAL POLE (10' HT.)	N/A	F-1
J	20+72.05	36.29' LT.	PEDESTAL POLE (10' HT.)	N/A	F-1
K	20+45.50	35.92' LT.	PEDESTAL POLE (10' HT.)	N/A	F-1
L	19+59.15	60.15' LT.	PEDESTAL POLE (10' HT.)	N/A	F-1
M	19+28.26	29.91' LT.	PEDESTAL POLE (10' HT.)	N/A	F-1



PINE ST. AT MLK JR BLVD.
SIGNAL PLAN

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

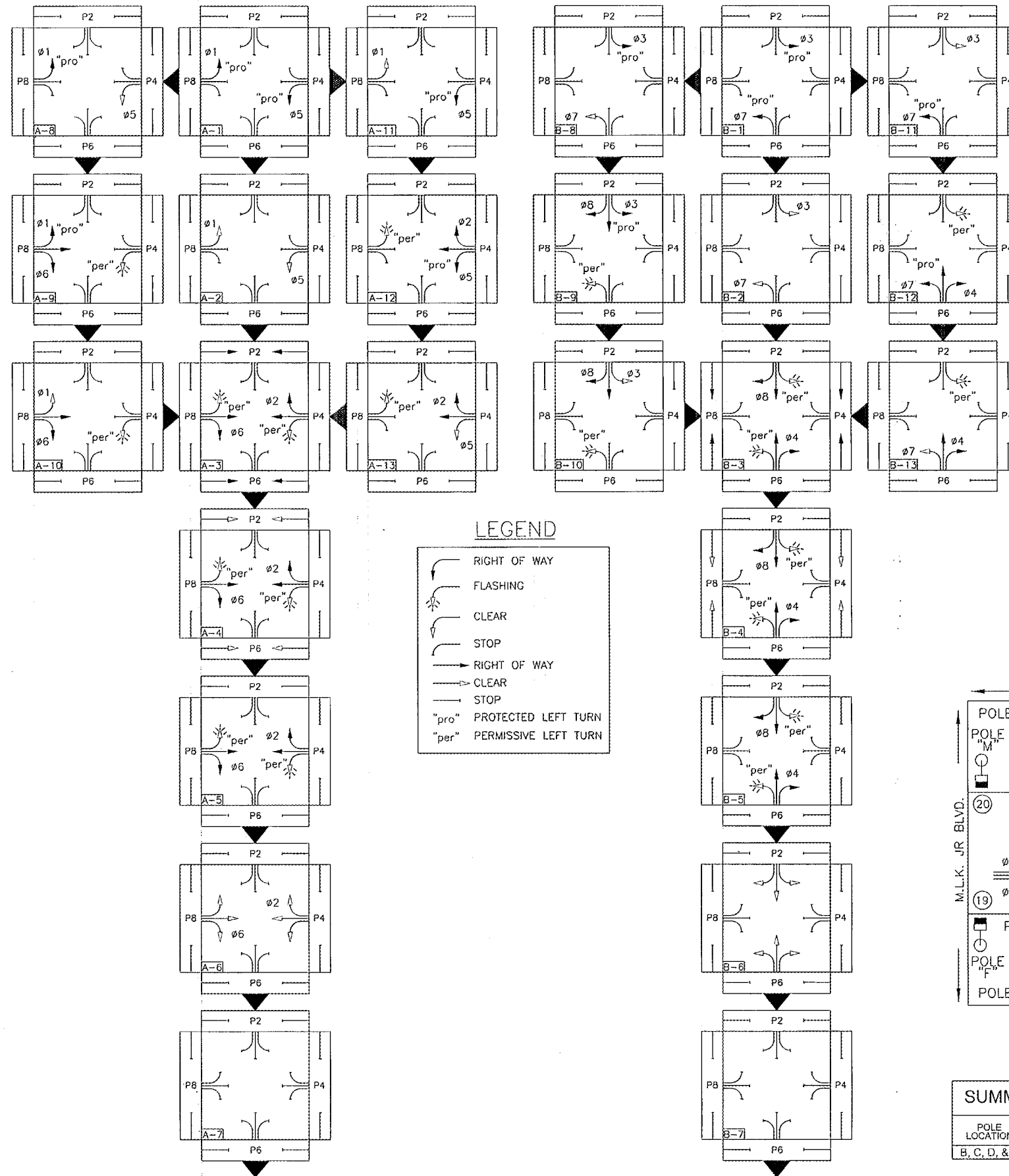
PLANS AND ESTIMATES PREPARED BY:
GARVER
6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 658-0107

PLAN SCALE: 1" = 40'	DRAWN VA	08/2025	APPROVED:
	DESIGNED DJP	08/2025	
	SURVEY		
PROFILE SCALE: N/A	PROJ. MGR. AF	10/25	
HORIZONTAL: 1" = 40'	LEAD ENGR. MAG	10/25	
	FIELD MGR. Bm	10/25	
VERTICAL: N/A	RECOMMENDED HAG	11/25	
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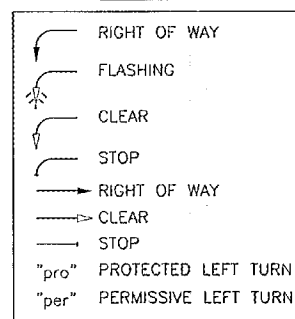
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ATLAS PAGE NO. 45, 46, 76, 77 SHEET 19 OF 40 SHEETS

PHASE DIAGRAM

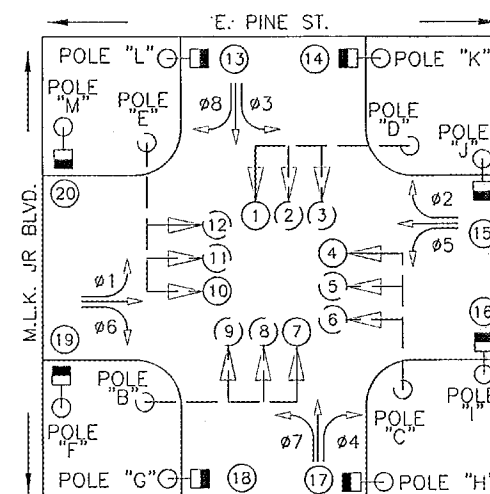


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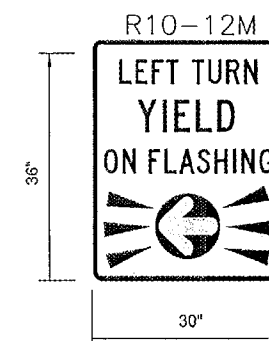
SEQUENCE

SEQUENCE														
BLOCK NO.	PHASE DESIGNATION	SIGNAL HEAD NO.												
		1	2&3	4	5&6	7	8&9	10	11&12	13&14	15&16	17&18	19&20	
A1	Ø1 & Ø5 ROW	+	R	+	R	+	R	+	R	DW	DW	DW	DW	
A2	Ø1 & Ø5 CLR	+	R	+	R	+	R	+	R	DW	DW	DW	DW	
A3	Ø2, Ø6, P2 & P6 ROW	+	R	+	G	+	R	+	G	W	DW	W	DW	
A4	Ø2 & Ø6 ROW, P2 & P6 CLR	+	R	+	G	+	R	+	G	FDW	DW	FDW	DW	
A5	Ø2 & Ø6 ROW	+	R	+	G	+	R	+	G	DW	DW	DW	DW	
A6	Ø2 & Ø6 CLR	+	R	+	Y	+	R	+	Y	DW	DW	DW	DW	
A7	ALL RED	+	R	+	R	+	R	+	R	DW	DW	DW	DW	
A8	Ø1 ROW, Ø5 CLR	+	R	+	R	+	R	+	Y	R	DW	DW	DW	
A9	Ø1 & Ø6 ROW	+	R	+	G	+	R	+	R	DW	DW	DW	DW	
A10	Ø1 CLR, Ø6 ROW	+	R	+	G	+	R	+	R	DW	DW	DW	DW	
A11	Ø1 CLR, Ø5 ROW	+	R	+	R	+	R	+	R	DW	DW	DW	DW	
A12	Ø2 & Ø5 ROW	+	R	+	R	+	R	+	G	G	DW	DW	DW	
A13	Ø2 ROW, Ø5 CLR	+	R	+	R	+	R	+	G	DW	DW	DW	DW	
B1	Ø3 & Ø7 ROW	+	R	+	R	+	R	+	R	DW	DW	DW	DW	
B2	Ø3 & Ø7 CLR	+	R	+	R	+	R	+	R	DW	DW	DW	DW	
B3	Ø4, Ø8, P4 & P8 ROW	+	G	+	R	+	R	+	R	DW	W	DW	W	
B4	Ø4 & Ø8 ROW, P4 & P8 CLR	+	G	+	R	+	R	+	R	DW	FDW	DW	FDW	
B5	Ø4 & Ø8 ROW	+	G	+	R	+	R	+	R	DW	DW	DW	DW	
B6	Ø4 & Ø8 CLR	+	Y	+	R	+	Y	+	R	DW	DW	DW	DW	
B7	ALL RED	+	R	+	R	+	R	+	R	DW	DW	DW	DW	
B8	Ø3 ROW, Ø7 CLR	+	R	+	R	+	R	+	R	DW	DW	DW	DW	
B9	Ø3 & Ø8 ROW	+	R	+	R	+	G	+	R	DW	DW	DW	DW	
B10	Ø3 CLR, Ø8 ROW	+	R	+	R	+	G	+	R	DW	DW	DW	DW	
B11	Ø3 CLR, Ø7 ROW	+	R	+	R	+	R	+	R	DW	DW	DW	DW	
B12	Ø4 & Ø7 ROW	+	G	+	R	+	R	+	R	DW	DW	DW	DW	
B13	Ø4 ROW, Ø7 CLR	+	G	+	R	+	R	+	R	DW	DW	DW	DW	
	FLASHING RED	FR	FR	FR	FR	FR	FR	FR	FR	BLK	BLK	BLK	BLK	



SUMMARY OF MAST ARM MOUNTED SIGNS

POLE LOCATION	SIGN DESIGNATION	SIGN DIMENSION (INCHES)	OVERHEAD SIGN (SQ FT.)	QUANTITY	TOTAL (SQ FT)
B, C, D, & E	R10-12M	30 X 36	7.5	4	30



TO BLOCK A-1, A-3, A-9, A-12, B-1, B-3, B-9 OR B-12

TO BLOCK A-1, A-3, A-9, A-12, B-1, B-3, B-9 OR B-12



PINE ST. AT MLK JR BLVD.
TRAFFIC SIGNAL PHASING AND SEQUENCE PLAN

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

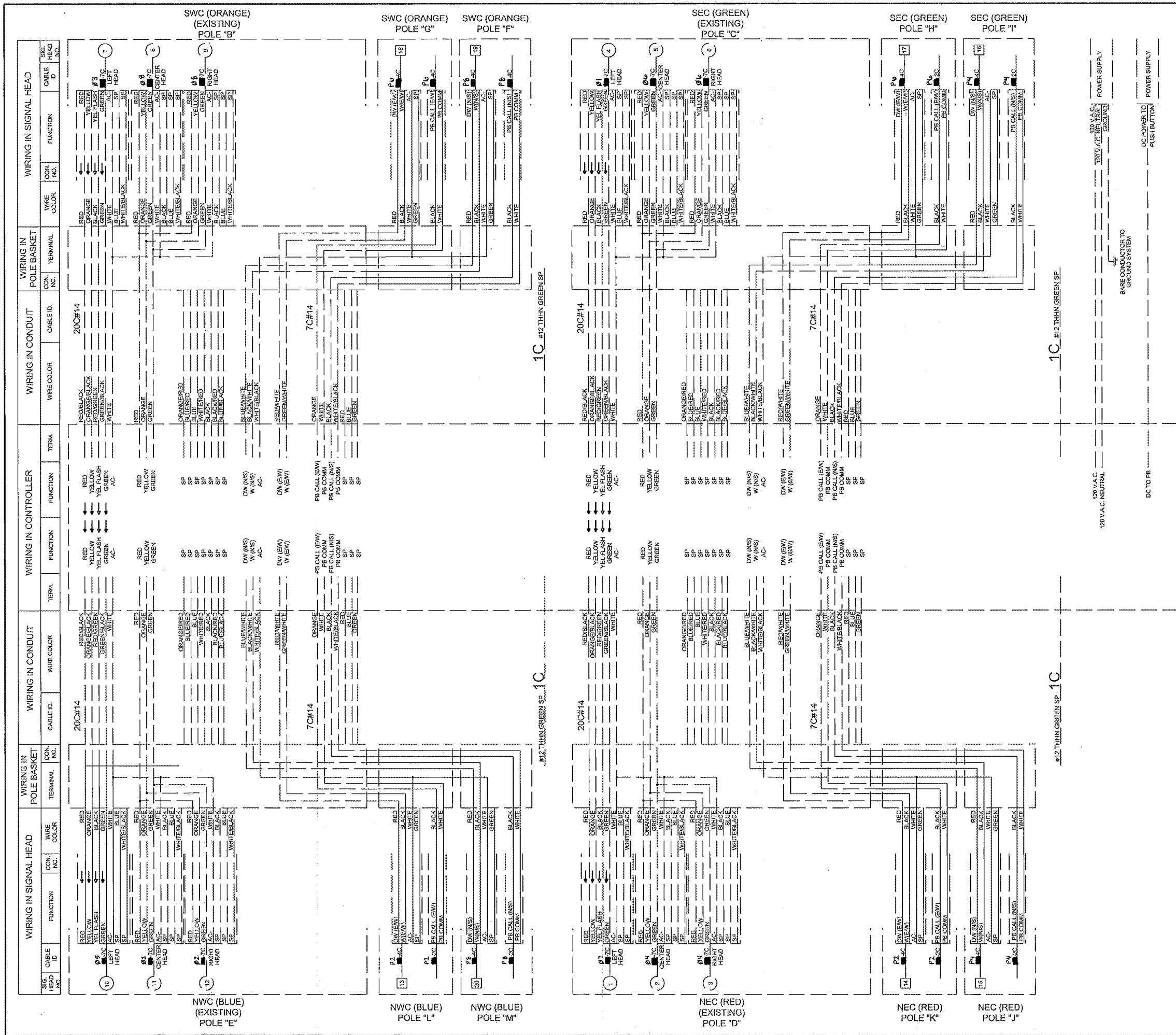
PLANS AND ESTIMATES PREPARED BY:
CARVER

6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 858-0107

PLAN SCALE:	DRAWN	VA	08/2025	APPROVED:
	DESIGNED	DJP	08/2025	
	SURVEY			
PROFILE SCALE:	PROJ. MGR.	PF	11/25	
	LEAD ENGR.	Q	10/25	
HORIZONTAL:	FIELD MGR.	Q	11/25	
	RECOMMENDED:			
VERTICAL:	DESIGN MANAGER			

FILE: DRAWING: DATE: 12/5/2025

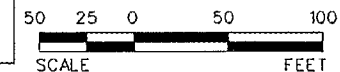
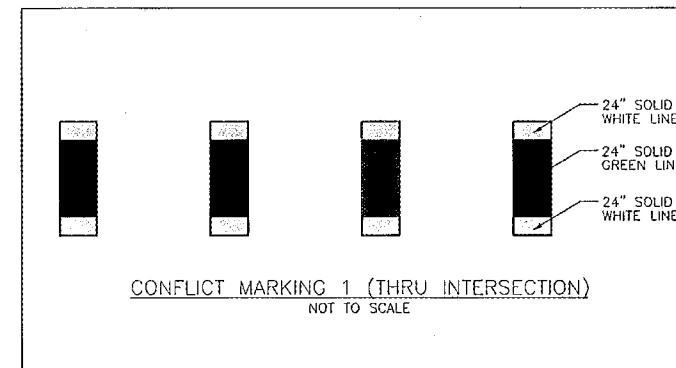
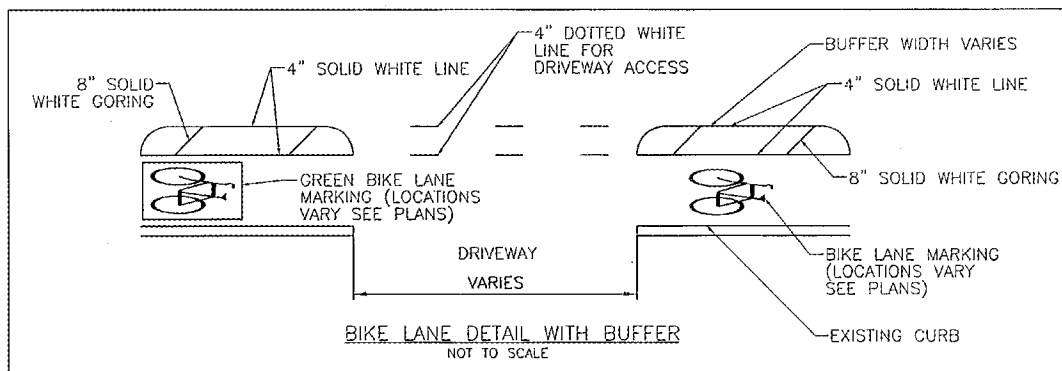
ATLAS PAGE NO: 45, 46, 76, 77 SHEET 20 OF 40 SHEETS



PINE ST. AT MLK JR BLVD. TRAFFIC SIGNAL WIRING DIAGRAM			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY:			
		6100 S. YALE AVE. SUITE 1300 TULSA, OKLAHOMA 74136	
		Phone: (918) 250-5922 Fax: (918) 656-0107	
PLAN SCALE:	DRAWN	VA	08/2025
	DESIGNED	D.P.	08/2025
	SURVEY		
PROFILE SCALE:	PROJ. MGR.	PP	11/25
	LEAD ENGR.		
	FIELD MGR.		
	RECOMMENDED		
	DESIGN MANAGER		
FILE:	DRAWING:		DATE: 12/5/2025
ATLAS PAGE NO:	46, 46, 76, 77		SHEET 21 OF 40 SHEETS

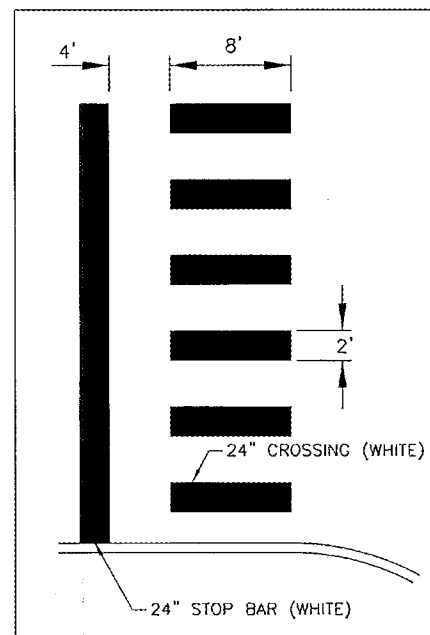


REVISION	BY	DATE



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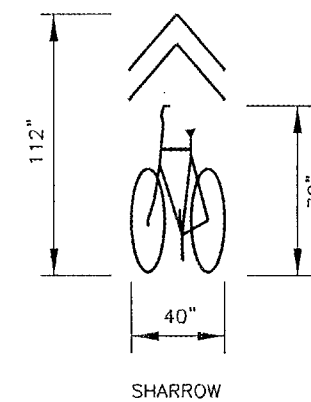
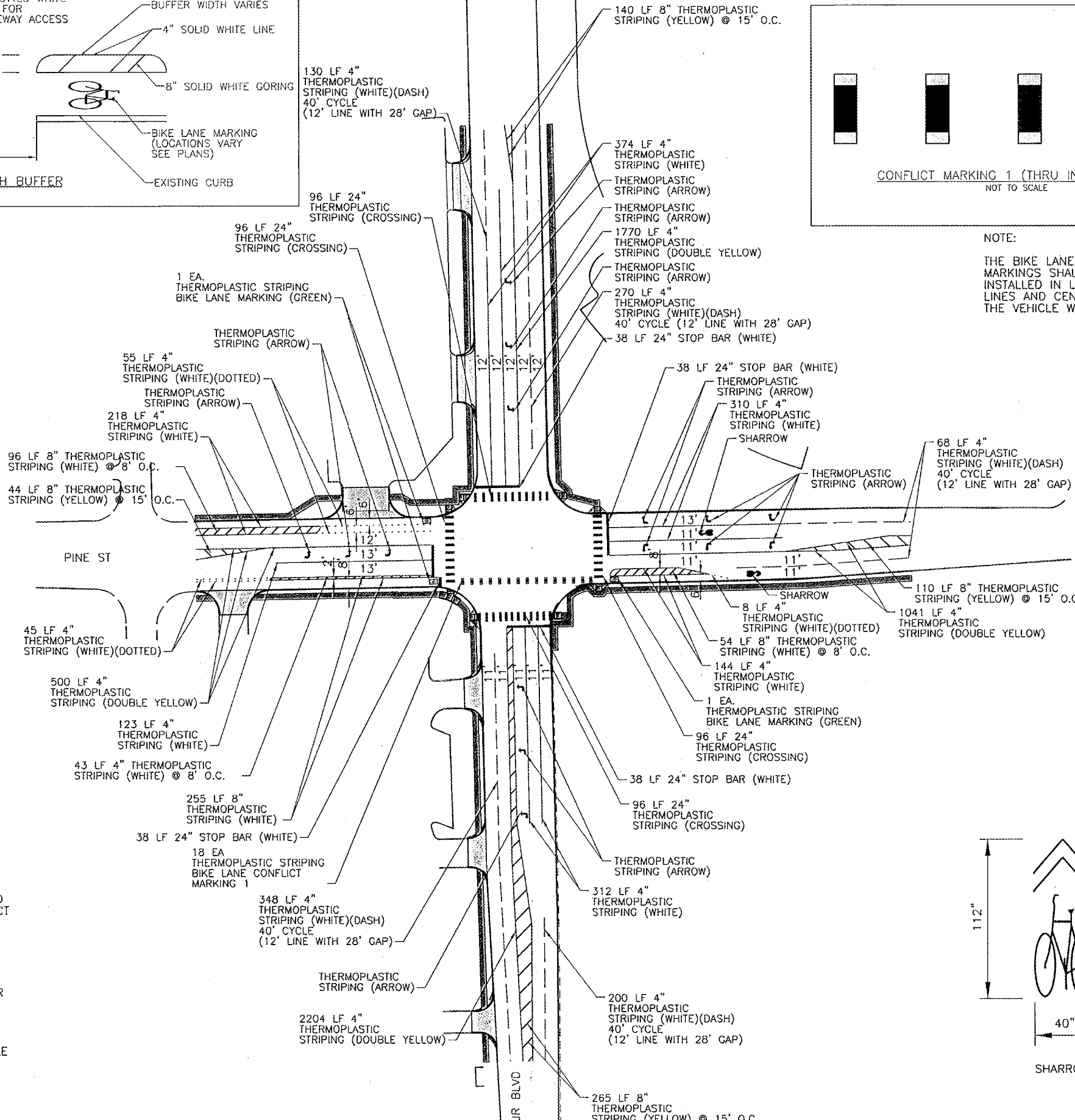
THE CROSSWALK BARS SHALL BE INSTALLED IN LINE WITH THE LANE LINES AND CENTERED TO AVOID THE VEHICLE WHEEL PATH.



NOTE:

1. CONTINENTAL CROSSWALKS SHALL BE LOCATED 4'-0" IN FRONT OF THE STOP BAR AND CONNECT TO RAMP AS SHOWN.
2. PLACING OF CONTINENTAL CROSSWALK SHALL BE STARTED FROM THE CENTER OF THE ROAD AND EXTEND EITHER DIRECTION.
3. THE TURN ARROW CLOSEST TO THE STOP BAR SHALL BE LOCATED "A" FT BEHIND THE STOP BAR. THE NEXT TURN ARROW SHALL BE SPACED AT "B" FT BEHIND THE FIRST TURN ARROW AND THE THIRD SHALL BE LOCATED "C" FT BEHIND THE SECOND TURN ARROW. SEE TABLE BELOW.

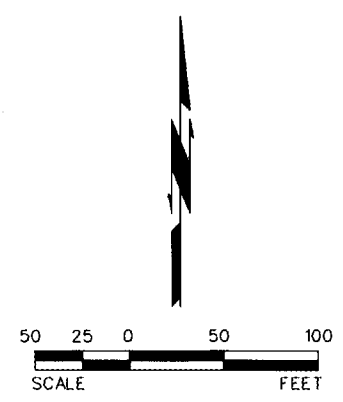
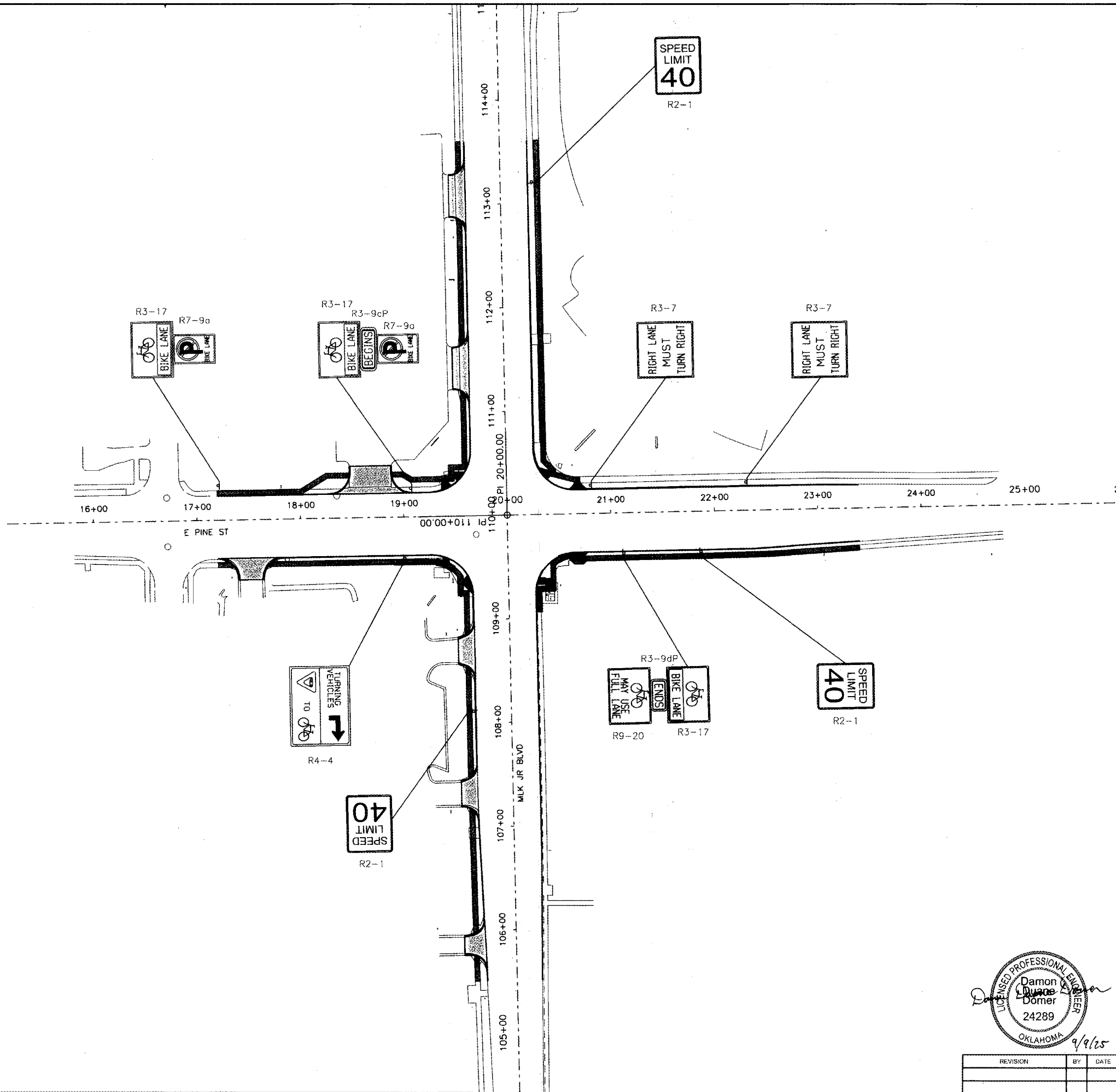
TURN BAY TABLE				
LENGTH OF BAY		"A" "B" "C"		
FT.		FT.	FT.	FT.
75 TO 99	20	35	-	-
100 TO 149	20	35	35	-
150 TO 200	30	55	55	-




SIGNING AND STRIPING PLAN (SHEET 1 OF 2)			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY: GARVER 6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922 TULSA, OKLAHOMA 74136 Fax: (918) 658-0107			
PLAN SCALE: 1"=50'	DRAWN DESIGNED SURVEY	DATE 05/2025 05/2025	APPROVED:
PROFILE SCALE: 1"=10'	PROJ. MGR. LEAD ENGR. FIELD MGR.	DATE 10/25 10/25	CITY ENGINEER DATE: 12/5/2025
HORIZONTAL:	RECOMMENDED: DESIGN MANAGER	DATE 11/25	
REVISION		BY	DATE
ATLAS PAGE NO:		SHEET 22 OF 40 SHEETS	

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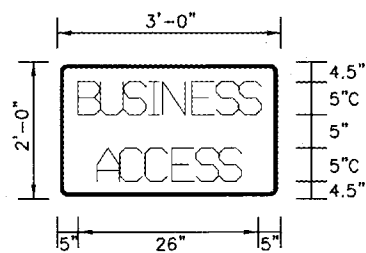


SIGNING AND STRIPING PLAN (SHEET 2 OF 2)			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY:  6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922 TULSA, OKLAHOMA 74136 Fax: (918) 658-0107			
PLAN SCALE: 1"=50'	DRAWN CTG 05/2025	DESIGNED ACF 05/2025	SURVEY
PROFILE SCALE: NA	PROJ. MGR. DP 10/25	LEAD ENGR. MWS 10/25	FIELD MGR. RDM 11/25
HORIZONTAL:	RECOMMENDED HKS 11/25	DESIGN MANAGER	CITY ENGINEER
VERTICAL:	FILE:		DATE: 12/5/2025
ATLAS PAGE NO:		SHEET 23 OF 40 SHEETS	

TRAFFIC CONTROL NOTES:

- 1. NO ROAD WITHIN THE PROJECT LIMITS SHALL BE COMPLETELY CLOSED AT ANY TIME UNLESS APPROVED BY THE CITY OF TULSA.
- 2. THE CONTRACTOR SHALL WORK IN COOPERATION WITH THE CITY OF TULSA TO ESTABLISH, INSTALL, MAINTAIN AND OPERATE COMPLETE, ADEQUATE AND SAFE TRAFFIC CONTROLS DURING THE ENTIRE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL PLACE TRAFFIC CONTROL DEVICES WITHIN THE VICINITY OF THE CONSTRUCTION AS REQUIRED. ALL TRAFFIC CONTROL DEVICES SHALL BE INACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND APPROVED BY THE CITY OF TULSA.
- 3. LOCAL TRAFFIC SHALL BE MAINTAINED THROUGHOUT THE PROJECT AT ALL TIMES EXCEPT AS PROVIDED HEREIN. ALL PUBLIC AND PRIVATE STREETS AND DRIVES SHALL BE ACCESSIBLE FOR LOCAL TRAFFIC FROM ANY DETOUR DURING CONSTRUCTION OF THE PROJECT. VARIANCES TO THIS REQUIREMENT SHALL BE MADE THROUGH THE PUBLIC WORKS DEPARTMENTS OF THE CITY OF TULSA.
- 4. UNDER NO CIRCUMSTANCES SHALL A STREET UNDER CONSTRUCTION BE INACCESSIBLE OVER A WEEKEND OR HOLIDAY. THE CONTRACTOR SHALL SCHEDULE WORK SO THAT, AS A MINIMUM, RESIDENCES WITH DRIVEWAYS ON THE STREET BEING CONSTRUCTED, SHALL BE ABLE TO ACCESS THEIR DRIVEWAY FROM A COMPACTED AGGREGATE BASE SURFACE DURING A WEEKEND PERIOD OR HOLIDAY. A WEEKEND IS DEFINED AS BEING FROM 5:00 PM ON FRIDAY TO 8:00 AM ON MONDAY.
- 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL CONSTRUCTION SIGNAGE AND BARRICADING INCLUDING BUT NOT LIMITED TO WASHING, REPLACING AND REPOSITIONING THE DEVICES. THE CONTRACTOR SHALL ALSO PROVIDE AND INSTALL ALL TRAFFIC CONTROL DEVICES DEEMED NECESSARY BY THE CITY OF TULSA, DUE TO CHANGING TRAFFIC CONDITIONS.
- 6. NO BARRICADES SHALL BE PLACED IN THE ROADWAY UNTIL ALL ADVANCE WARNING SIGNAGE IS IN PLACE.
- 7. ROADSIDE HAZARDS SHALL BE COMPLETELY BARRICADED AROUND THE PERIMETER FOR THE SAFETY OF PEDESTRIANS AS WELL AS VEHICLES.

SPECIAL SIGN 1



SIGN NUMBER	SP. SIGN
WIDTH x HGHT.	3'-0" x 2'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	GROUND
BACKGROUND	TYPE: REFLECTIVE COLOR: BLUE
LEGEND/BORDER	TYPE: REFLECTIVE COLOR: WHITE/WHITE

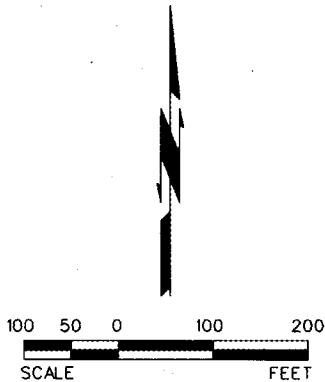
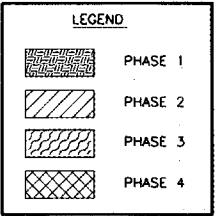
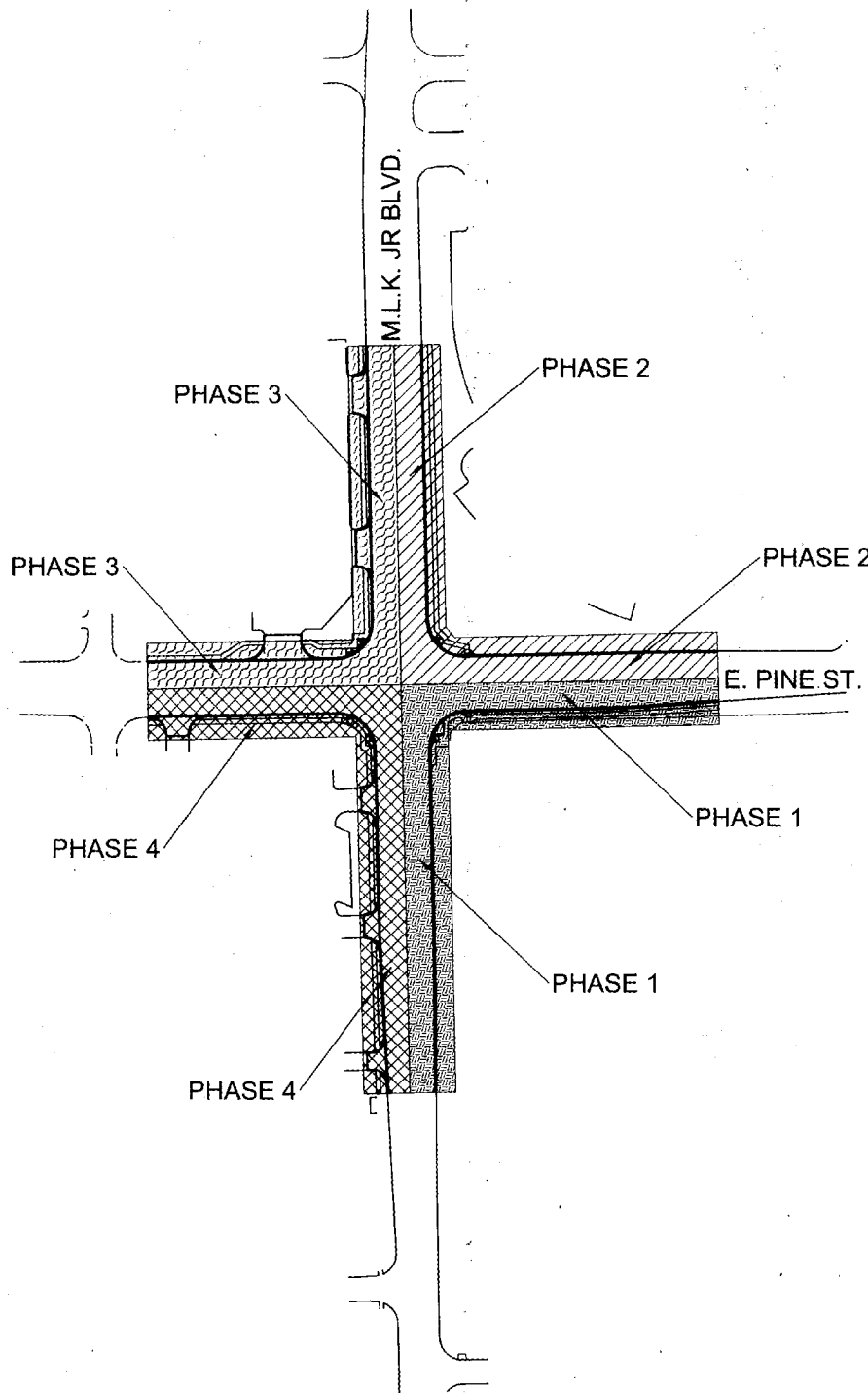
DIMENSIONS ARE IN INCHES.TENTHS

LETTER POSITIONS (X)										LENGTH SERIES/SIZE	
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5	8.7	12.3	16	17.8	21.7	24.8	28.2			26	5
A	C	C	E	S	S					C	2000
7.7	11.5	15.2	19	22.1	25.5					20.7	5

LETTER LOCATIONS ARE PANEL EDGE TO LOWER LEFT CORNER

GENERAL TRAFFIC SIGNING NOTES

- 1. USE TUBE CHANNELIZERS TO DELINEATE ALL LANE SHIFTS, TAPERS, ETC.
- 2. ALL SIGNS GREATER THAN 16.0 SF SHALL HAVE 1 TYPE 'A' LIGHT.
- 3. ALL DRUMS SHALL HAVE 1 TYPE 'C' LIGHT.
- 4. ALL TYPE III BARRICADES SHALL HAVE TWO (2) TYPE 'A' LIGHTS.
- 5. CONSTRUCT ALL NECESSARY TAPERS ACCORDING TO MUTCD.



CONSTRUCTION SEQUENCE			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY: 6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922 TULSA, OKLAHOMA 74136 Fax: (918) 858-0107			
PLAN SCALE: 1"=100'	DRAWN CTG 05/2025	DESIGNED ACF 05/2025	SURVEY
PROFILE SCALE: N/A	PROJ. MGR. R 10/25	LEAD ENGR. D 10/25	FIELD MGR. K 11/25
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VERTICAL:	FILE:	DRAWING:	DATE: 12/5/2025
ATLAS PAGE NO: 45, 46, 74, 77			SHEET 24 OF 40 SHEETS

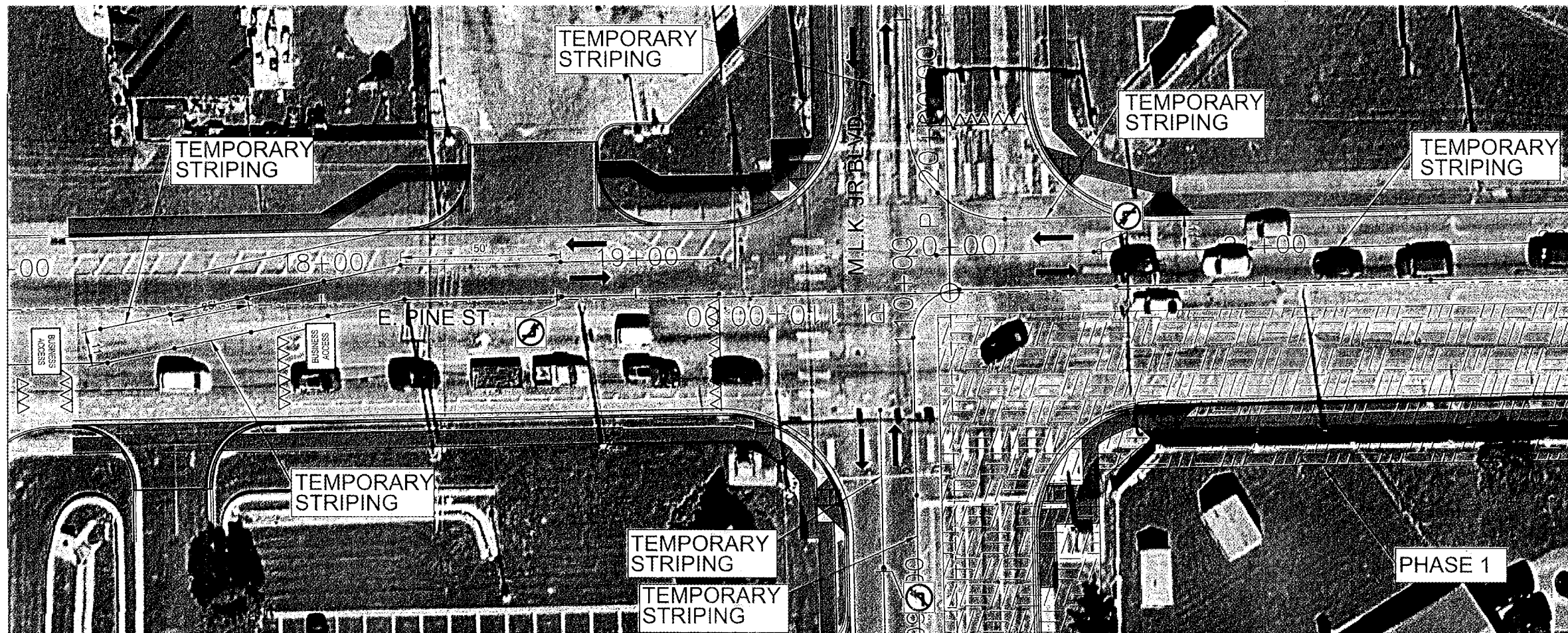
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STA. 17+00



STA. 22+00



STA. 17+00

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SCALE FEET

THE SIGNAL CONTRACTOR SHALL INSTALL "NO LEFT TURN" SIGNS ON THE MAST ARM. THE "LEFT TURN YIELD ON GREEN BALL" SIGNS NEED TO BE COVERED WITH THE "NO LEFT TURN" SIGN. WHEN THE LEFT TURNS ARE RESTRICTED THE LEFT TURN SIGNAL INDICATION SHALL BE COVERED ON THE HEAD AND DISABLED IN THE CABINET.

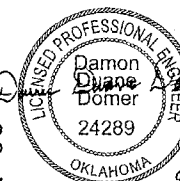
LEGEND

- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TRAFFIC CONTROL SIGN ASSEMBLY
- CONSTRUCTION BARREL
- TUBULAR MARKERS
- COMPLETED WORK

WARNING:

OVERHEAD AND UNDERGROUND UTILITIES IN PROJECT VICINITY

20 10 0 20 40
SCALE FEET



9/9/25

TRAFFIC CONTROL PLAN PHASE 1 (SHEET 1 OF 4)

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

PLANS AND ESTIMATES PREPARED BY:



6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 658-0107

PLAN SCALE:
1"=40'

DESIGNED
SURVEY

PROJ. MGR.
LEAD ENGR.

FIELD MGR.
RECOMMENDED
DESIGN MANAGER

CTC 09/2025
ACF 05/2025

AP 9/25
10/25

11/25

11/25

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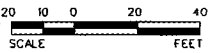
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APPROVED:
DATE: 12/5/2025

SHEET 25 OF 40 SHEETS



STA. 22+00



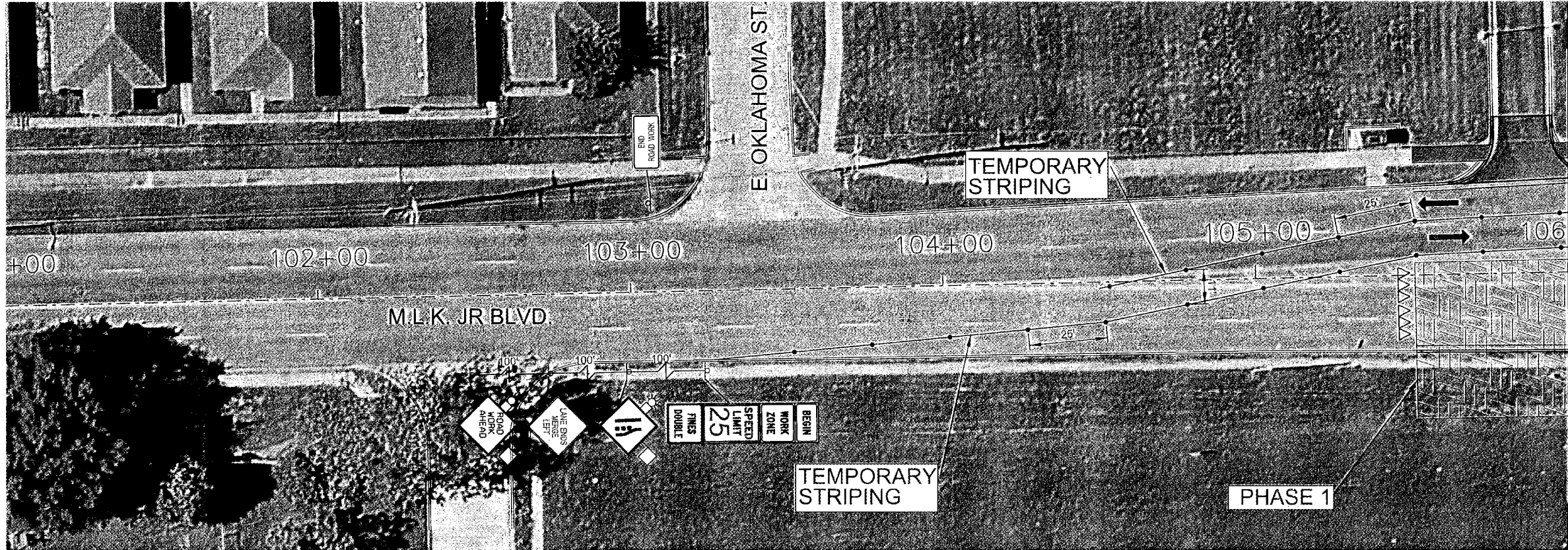
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	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TRAFFIC CONTROL SIGN ASSEMBLY
	CONSTRUCTION BARREL
	TUBULAR MARKERS
	COMPLETED WORK

WARNING:
OVERHEAD AND UNDERGROUND UTILITIES IN PROJECT VICINITY

9/9/25

TRAFFIC CONTROL PLAN PHASE 1 (SHEET 2 OF 4)			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY: 6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922 TULSA, OKLAHOMA 74136 Fax: (918) 858-0107			
PLAN SCALE: 1"=40'	DRAWN DESIGNED SURVEY	CTC ACF	05/2025 05/2025
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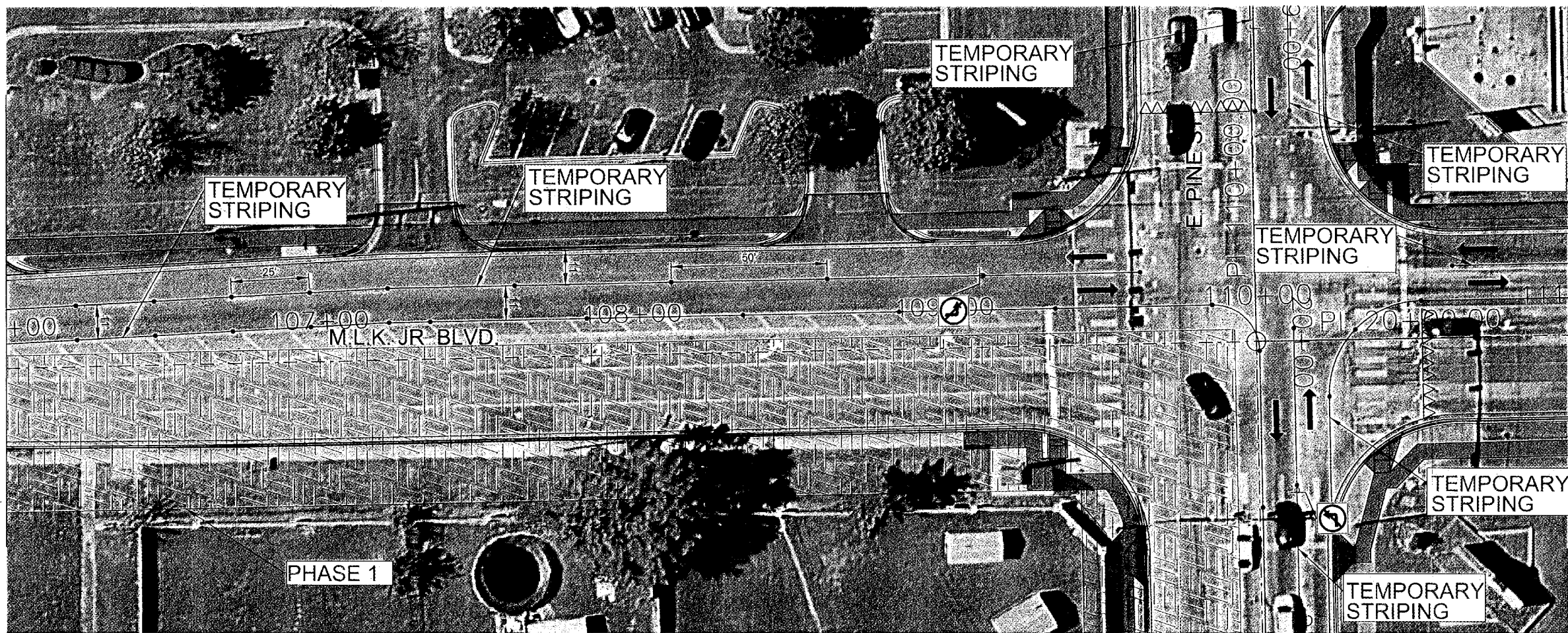
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THE SIGNAL CONTRACTOR SHALL INSTALL "NO LEFT TURN" SIGNS ON THE MAIST ARM. THE "LEFT TURN YIELD ON GREEN BALL" SIGNS NEED TO BE COVERED WITH THE "NO LEFT TURN" SIGN. WHEN THE LEFT TURNS ARE RESTRICTED THE LEFT TURN SIGNAL INDICATION SHALL BE COVERED ON THE HEAD AND DISABLED IN THE CABINET.

LEGEND	
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TRAFFIC CONTROL SIGN ASSEMBLY
	CONSTRUCTION BARREL
	TUBULAR MARKERS
	COMPLETED WORK

WARNING:
OVERHEAD AND UNDERGROUND UTILITIES IN PROJECT VICINITY



TRAFFIC CONTROL PLAN PHASE 1 (SHEET 3 OF 4)			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY: 6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922 TULSA, OKLAHOMA 74136 Fax: (918) 658-0107			
PLAN SCALE: 1"=40'	DRAWN DESIGNED SURVEY	CTC ACF	09/2025 09/2025
PROFILE SCALE: NA	PROJ. MGR. LEAD ENGR. FIELD MGR.	RF 11/25 11/25	APPROVED:
HORIZONTAL:	RECOMMENDED DESIGN MANAGER	HAS 11-25	CITY ENGINEER
VERTICAL:	FILE:	DRAWING:	DATE: 12/5/2025
ATLAS PAGE NO:		45, 46, 76, 77	SHEET 27 OF 40 SHEETS

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STA. 111+00

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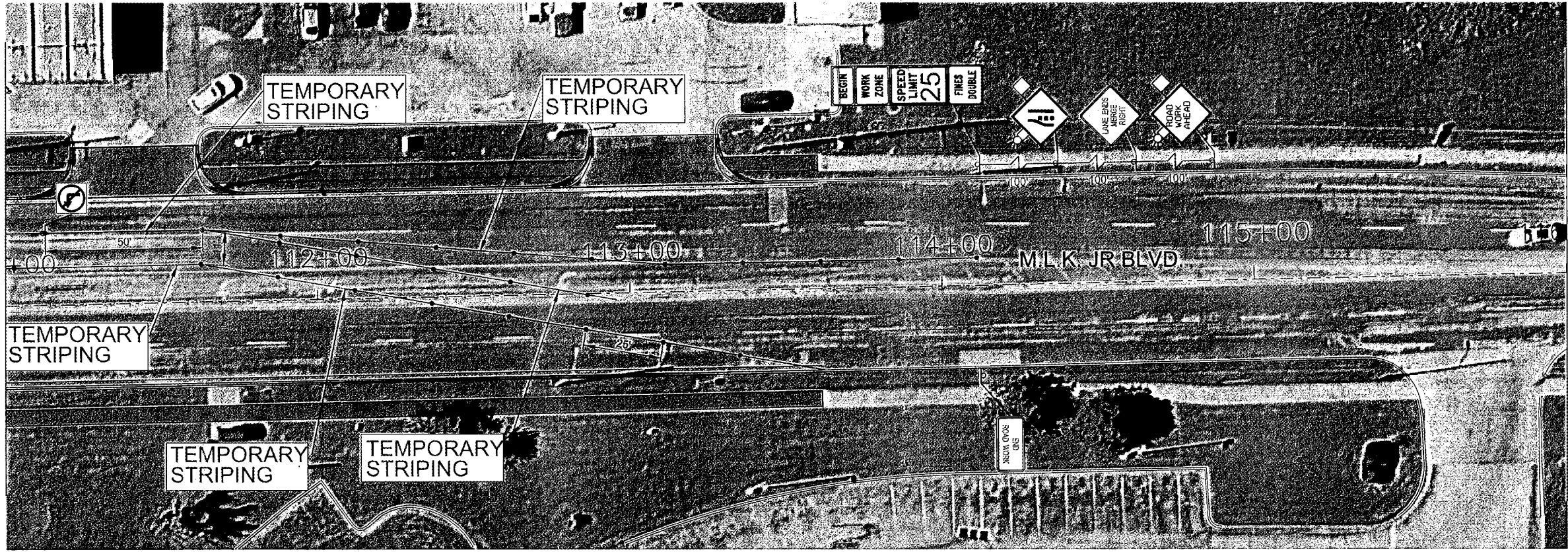
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




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TRAFFIC CONTROL PLAN PHASE 1 (SHEET 4 OF 4)			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY:  6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922 TULSA, OKLAHOMA 74136 Fax: (918) 858-0107			
PLAN SCALE: 1"=40'	DRAWN DESIGNED	CTC ACF	05/2025 05/2025
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ATLAS PAGE NO:	45, 46, 76, 77		SHEET 28 OF 40 SHEETS

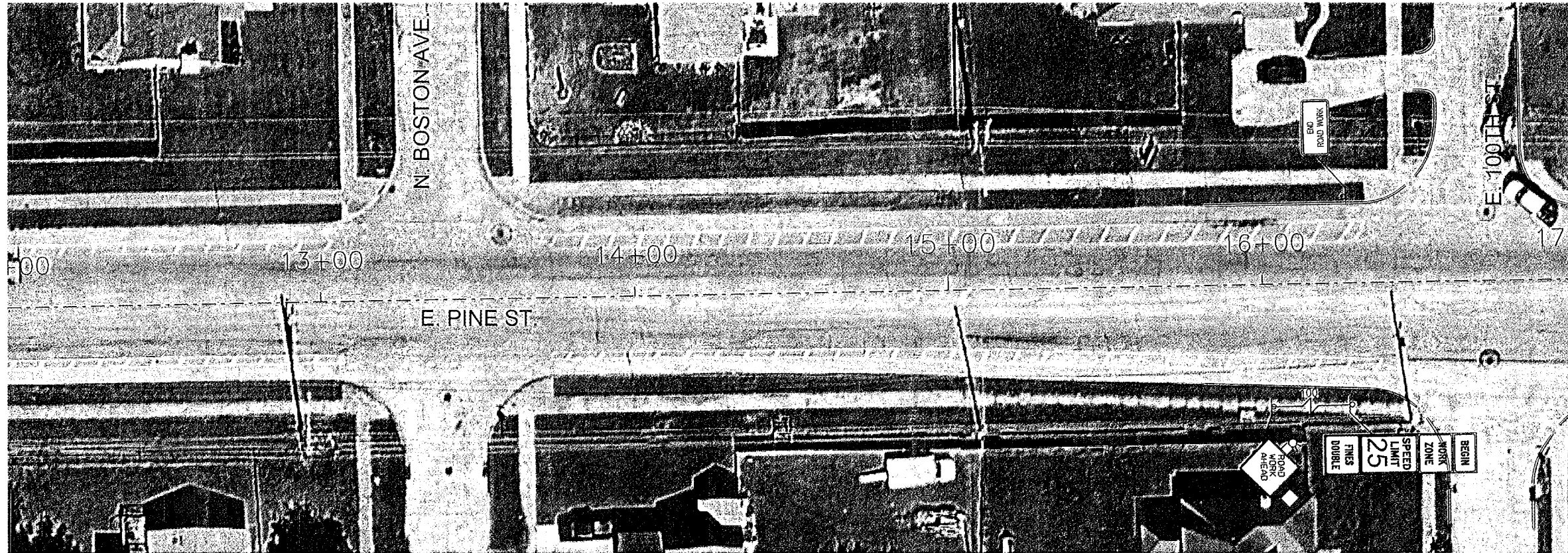
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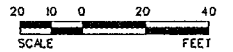
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LEGEND	
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TRAFFIC CONTROL SIGN ASSEMBLY
	CONSTRUCTION BARREL
	TUBULAR MARKERS
	COMPLETED WORK

WARNING:
OVERHEAD AND UNDERGROUND UTILITIES IN PROJECT VICINITY



STA. 17+00



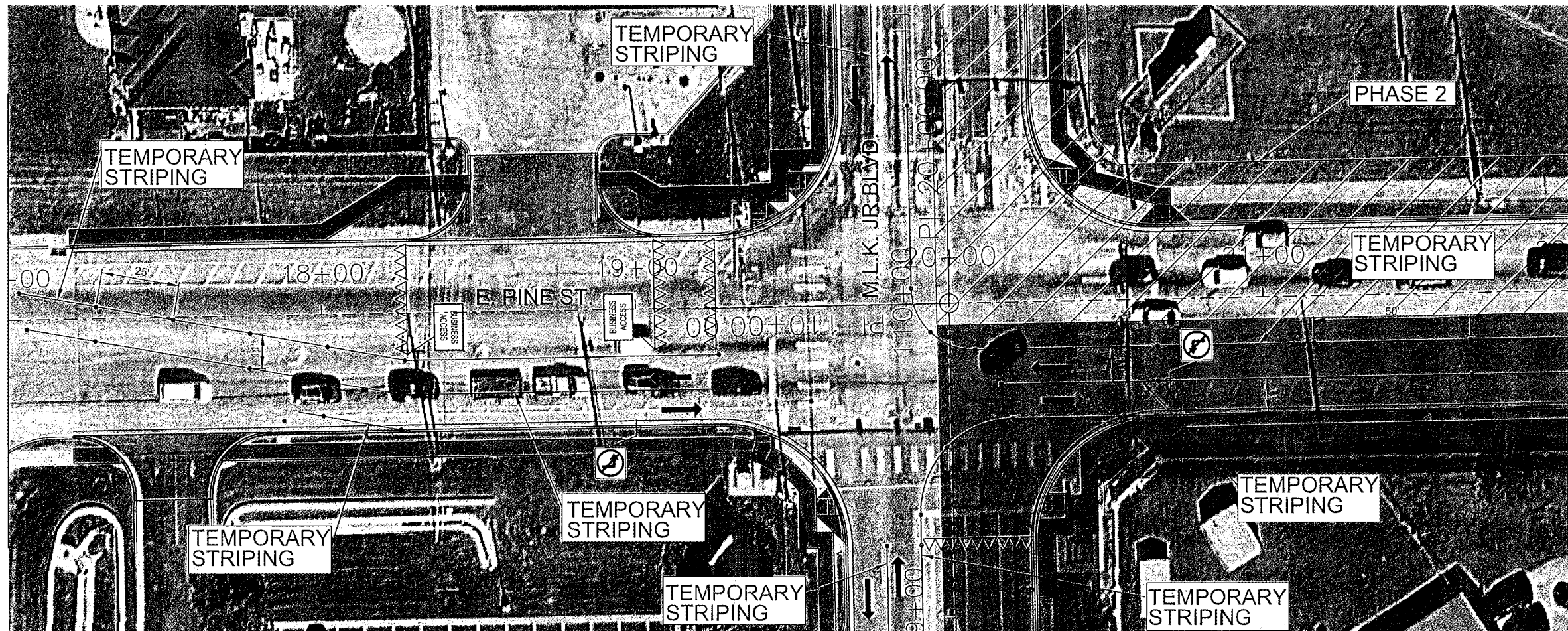
THE SIGNAL CONTRACTOR SHALL INSTALL "NO LEFT TURN" SIGNS ON THE MAST ARM. THE "LEFT TURN YIELD ON GREEN BALL" SIGNS NEED TO BE COVERED WITH THE "NO LEFT TURN" SIGN. WHEN THE LEFT TURNS ARE RESTRICTED THE LEFT TURN SIGNAL INDICATION SHALL BE COVERED ON THE HEAD AND DISABLED IN THE CABINET.

LEGEND

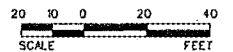
- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TRAFFIC CONTROL SIGN ASSEMBLY
- CONSTRUCTION BARREL
- TUBULAR MARKERS
- COMPLETED WORK

WARNING:

OVERHEAD AND UNDERGROUND UTILITIES IN PROJECT VICINITY



STA. 22+00



9/9/25

TRAFFIC CONTROL PLAN PHASE 2 (SHEET 1 OF 4)

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

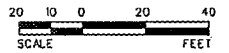
PLANS AND ESTIMATES PREPARED BY:



6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 858-0107

PLAN SCALE: 1"=40'	DRAWN CTC 05/2025	APPROVED:
DESIGNED ACF 05/2025		
SURVEY		
PROFILE SCALE: 1"=4'	PROJ. MGR. RF 10/25	
HORIZONTAL:	LEAD ENGR. @ 11/25	
VERTICAL:	FIELD MGR. TAM 11/25	
	RECOMMENDED HAS 11-25	
	DESIGN MANAGER	
FILE:	DRAWING:	DATE: 12/5/2025
ATLAS PAGE NO:	45, 46, 76, 77	SHEET 29 OF 40 SHEETS

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\$PWFILE\$



LEGEND

- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TRAFFIC CONTROL SIGN ASSEMBLY
- CONSTRUCTION BARREL
- TUBULAR MARKERS
- COMPLETED WORK

WARNING:
OVERHEAD AND UNDERGROUND
UTILITIES IN PROJECT
VICINITY

9/1/25

TRAFFIC CONTROL PLAN PHASE 2 (SHEET 2 OF 4)			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY: 6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922 TULSA, OKLAHOMA 74136 Fax: (918) 858-0107			
PLAN SCALE: 1"=40'	DRAWN DESIGNED SURVEY	CTC ACF	05/2025 05/2023
PROFILE SCALE: N/A	PROJ. MGR. LEAD ENGR. FIELD MGR.	PR DW Damon Dwyer	10/15 10/15 11/25
HORIZONTAL:	RECOMMENDED DESIGN MANAGER	HAS	11/25
VERTICAL:	APPROVED: 		CITY ENGINEER
REVISION		BY	DATE
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SHEET 30		OF 40 SHEETS	

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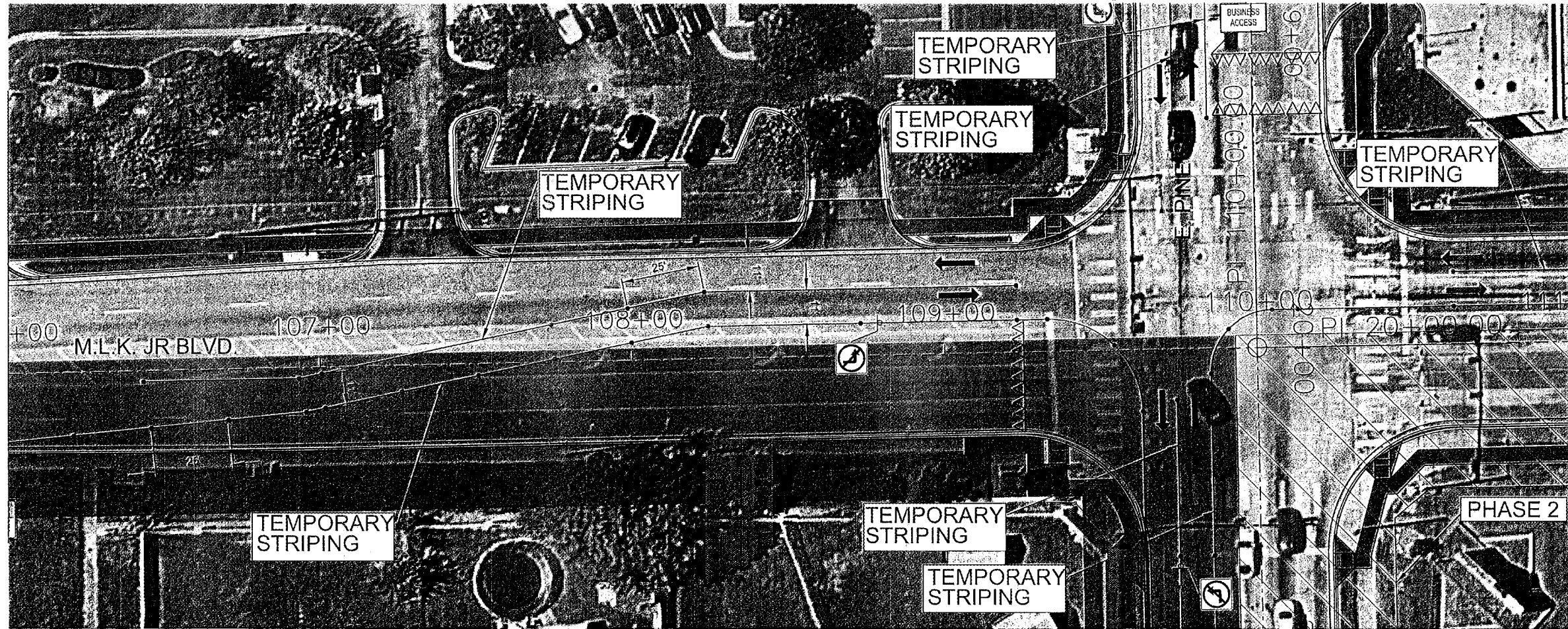
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STA. 106+00



STA. 111+00

20 10 0 20 40
SCALE FEET



TRAFFIC CONTROL PLAN
PHASE 2 (SHEET 3 OF 4)

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

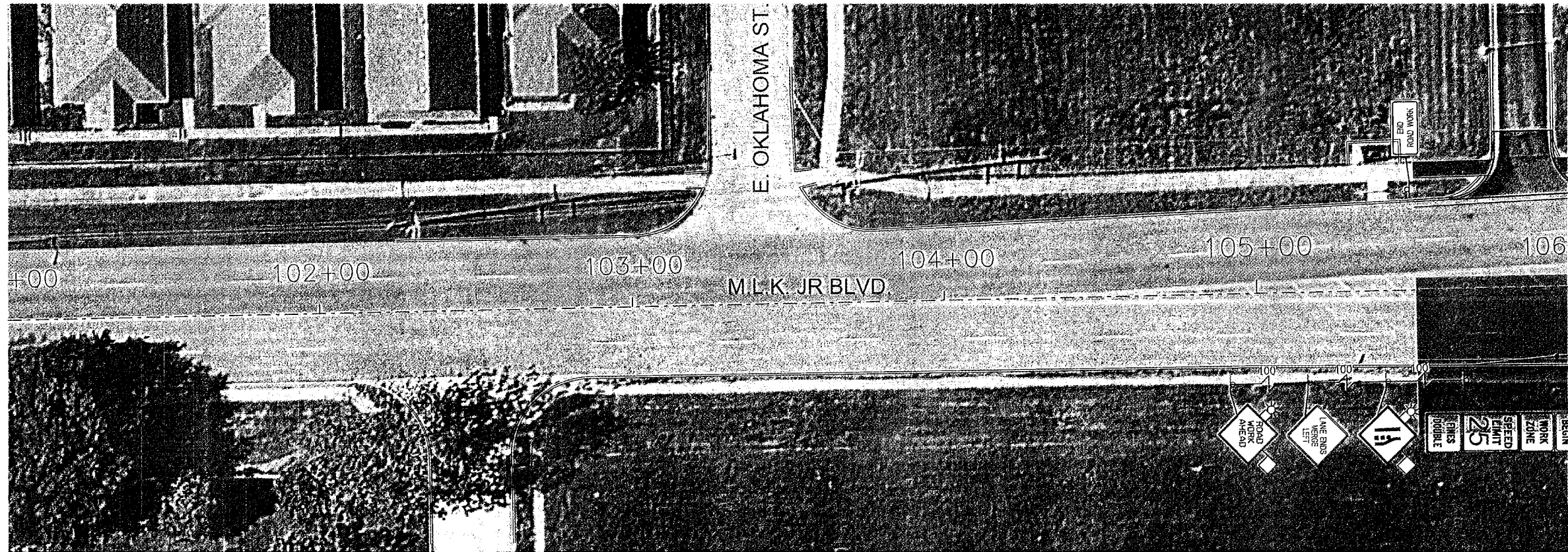
CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

PLANS AND ESTIMATES PREPARED BY:



6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 858-0107

PLAN SCALE: 1"=40'	DRAWN DESIGNED SURVEY	CTC ACF	05/2025 05/2025	APPROVED:
PROFILE SCALE: N/A	PROJ. MGR. LEAD ENGR. FIELD MGR.	RF 12/25 12/25	12/25 12/25 12/25	
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VERTICAL:				
FILE:	DRAWING:			DATE: 12/15/2025
ATLAS PAGE NO:	45, 46, 76, 77			SHEET 31 OF 40 SHEETS



STA. 106+00

20 10 0 20 40
SCALE FEET

THE SIGNAL CONTRACTOR SHALL
INSTALL "NO LEFT TURN" SIGNS ON
THE MAIST ARM. THE "LEFT TURN
YIELD ON GREEN BALL" SIGNS NEED
TO BE COVERED WITH THE "NO
LEFT TURN" SIGN. WHEN THE LEFT
TURNS ARE RESTRICTED THE LEFT
TURN SIGNAL INDICATION SHALL BE
COVERED ON THE HEAD AND
DISABLED IN THE CABINET.

LEGEND

→	DIRECTION OF TRAFFIC
▽▽▽	TYPE III BARRICADE
○	TRAFFIC CONTROL SIGN ASSEMBLY
●	CONSTRUCTION BARREL
○	TUBULAR MARKERS
■	COMPLETED WORK

WARNING:

OVERHEAD AND UNDERGROUND
UTILITIES IN PROJECT
VICINITY

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STA. 116+00



20 10 0 20 40
SCALE FEET



TRAFFIC CONTROL PLAN
PHASE 2 (SHEET 4 OF 4)

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

PLANS AND ESTIMATES PREPARED BY:

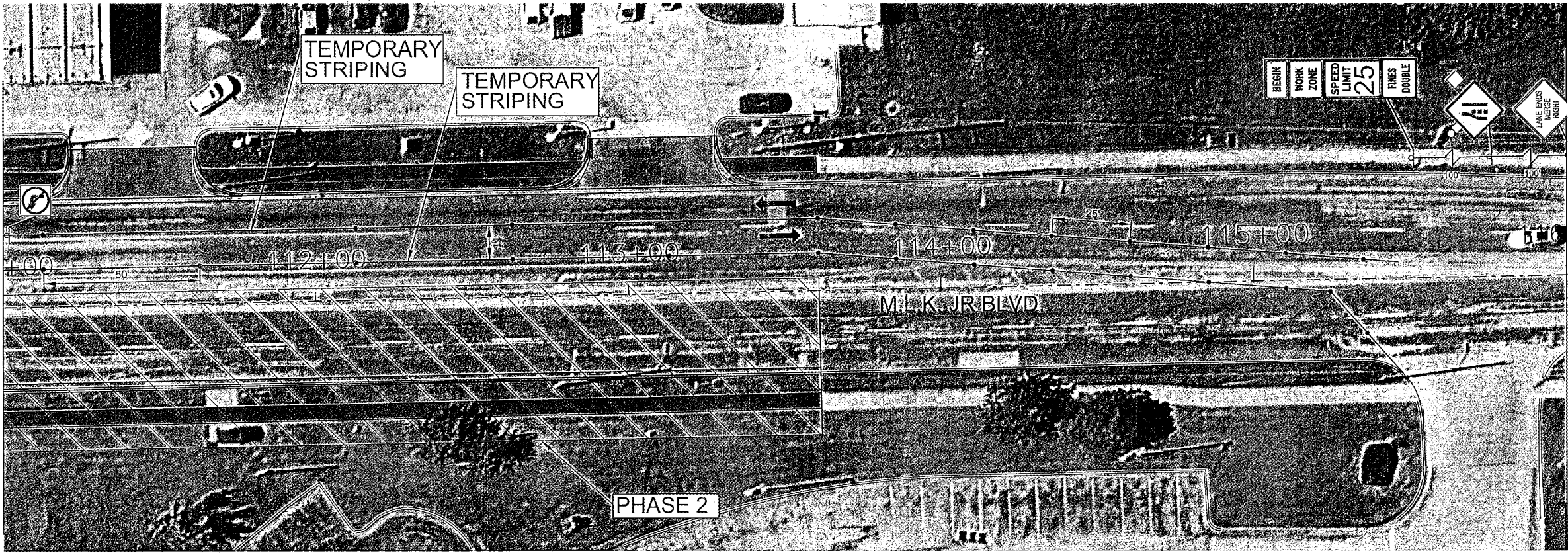


6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 658-0107

PLAN SCALE: 1"=40'	DRAWN CTG 05/2025	APPROVED:
DESIGNED ACF 05/2025		
SURVEY		
PROFILE SCALE: NA	PROJ. MGR. RF 10/15	
HORIZONTAL:	LEAD ENGR. DJ 9/25	
	FIELD MGR. JAN 11/25	
VERTICAL:	RECOMMENDED: HKS 11/25	
	DESIGN MANAGER	

FILE:	DRAWING:	DATE: 12/5/2025
ATLAS PAGE NO:	45, 46, 76, 77	SHEET 32 OF 40 SHEETS

STA. 111+00



20 10 0 20 40
SCALE FEET

LEGEND

➔	DIRECTION OF TRAFFIC
▽▽▽	TYPE III BARRICADE
○	TRAFFIC CONTROL SIGN ASSEMBLY
●	CONSTRUCTION BARREL
○	TUBULAR MARKERS
■	COMPLETED WORK

WARNING:

OVERHEAD AND UNDERGROUND
UTILITIES IN PROJECT
VICINITY

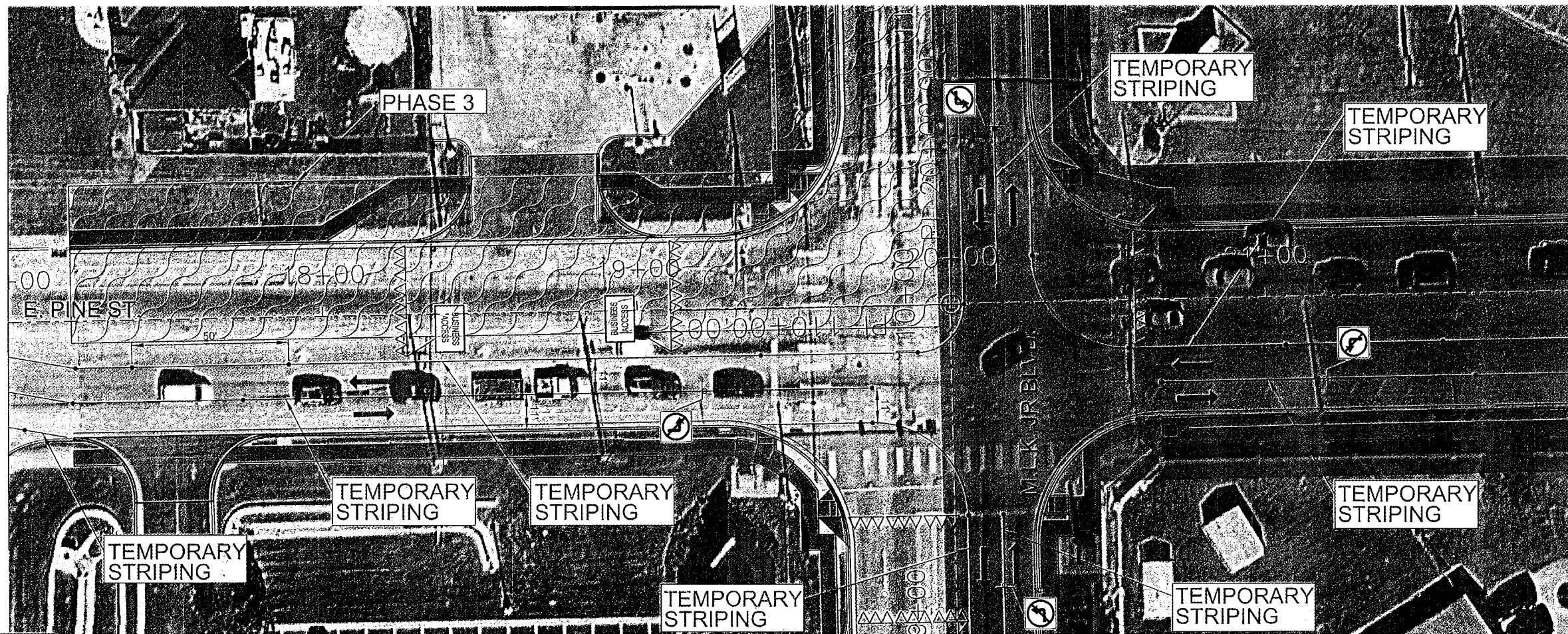
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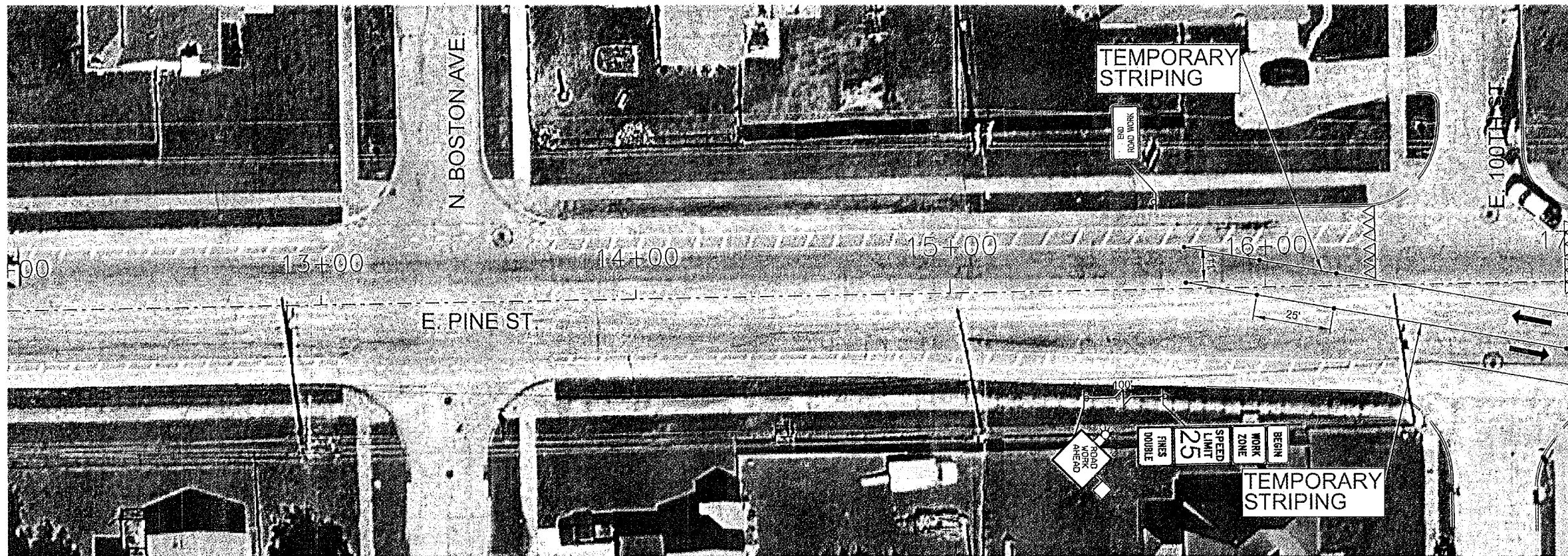
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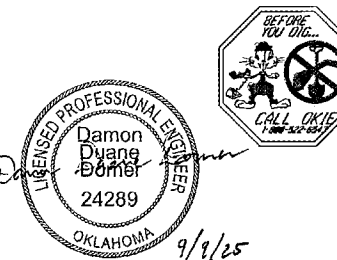


STA. 22+00



STA. 17+00

20 10 0 20 40
SCALE FEET



TRAFFIC CONTROL PLAN PHASE 3 (SHEET 1 OF 4)			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY: GARVER 6100 S. YALE AVE, SUITE 1300 Phone: (918) 250-5922 TULSA, OKLAHOMA 74136 Fax: (918) 658-0107			
PLAN SCALE: 1"=40'	DRAWN CTC 05/2025	DESIGNED ACF 05/2025	SURVEY
PROFILE SCALE: 1"=4'	PROJ. MGR. RF 10/25	LEAD ENGR. W 10/25	FIELD MGR. E 10/25
HORIZONTAL:	RECOMMENDED H 11/25	DESIGN MANAGER	CITY ENGINEER
VERTICAL:	FILE:	DRAWING:	DATE: 12/15/2025
ATLAS PAGE NO: 45, 46, 76, 77			SHEET 33 OF 40 SHEETS

THE SIGNAL CONTRACTOR SHALL
INSTALL "NO LEFT TURN" SIGNS ON
THE MAST ARM. THE "LEFT TURN
YIELD ON GREEN BALL" SIGNS NEED
TO BE COVERED WITH THE "NO
LEFT TURN" SIGN. WHEN THE LEFT
TURNS ARE RESTRICTED THE LEFT
TURN SIGNAL INDICATION SHALL BE
COVERED ON THE HEAD AND
DISABLED IN THE CABINET.

LEGEND	
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TRAFFIC CONTROL SIGN ASSEMBLY
	CONSTRUCTION BARREL
	TUBULAR MARKERS
	COMPLETED WORK

WARNING:
OVERHEAD AND UNDERGROUND
UTILITIES IN PROJECT
VICINITY

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20 10 0 20 40
SCALE FEET

LEGEND

- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TRAFFIC CONTROL SIGN ASSEMBLY
- CONSTRUCTION BARREL
- TUBULAR MARKERS
- COMPLETED WORK

WARNING:

OVERHEAD AND UNDERGROUND
UTILITIES IN PROJECT
VICINITY



TRAFFIC CONTROL PLAN PHASE 3 (SHEET 2 OF 4)

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

PLANS AND ESTIMATES PREPARED BY:



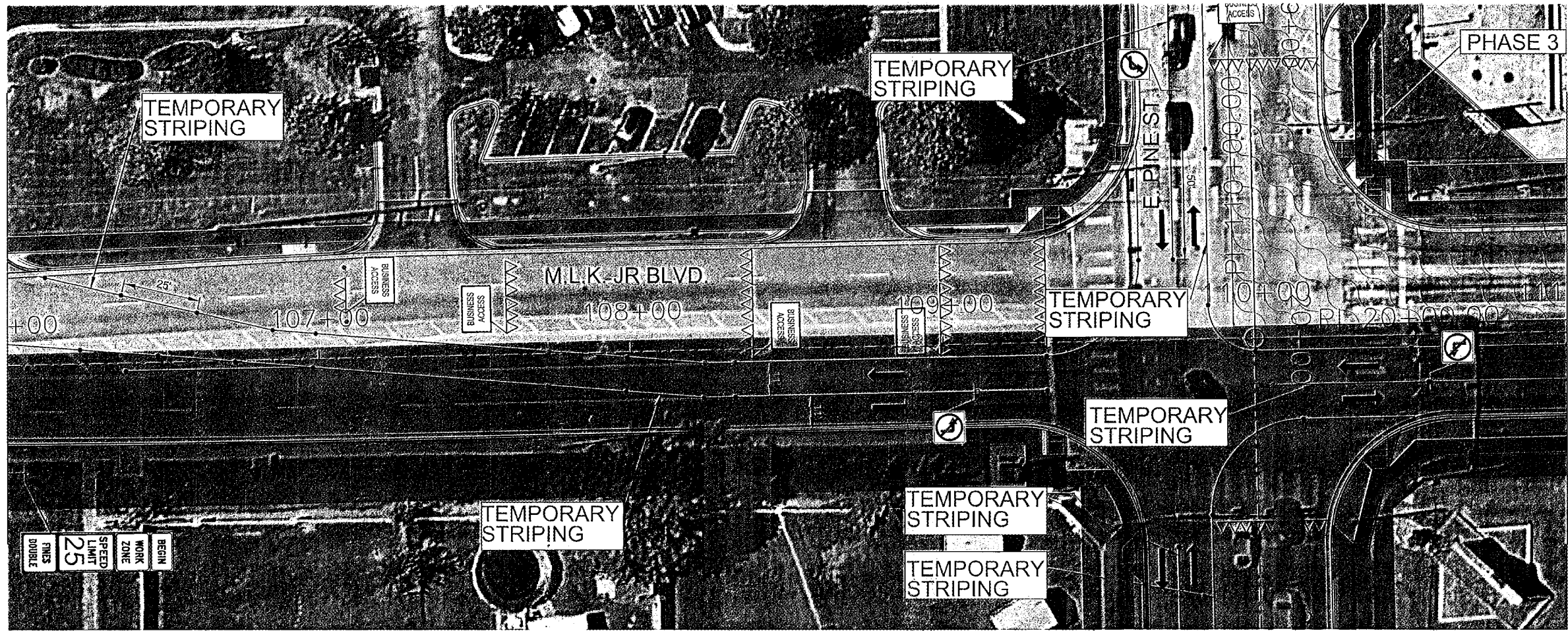
6100 S. YALE AVE. SUITE 1300
TULSA, OKLAHOMA 74136

Phone: (918) 250-5922
Fax: (918) 858-0107

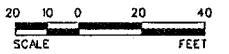
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HORIZONTAL:	RECOMMENDED DESIGN MANAGER	HKS 11/25		
VERTICAL:				
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STA. 106+00



STA. 111+00



9/9/25

TRAFFIC CONTROL PLAN
PHASE 3 (SHEET 3 OF 4)

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

PLANS AND ESTIMATES PREPARED BY:

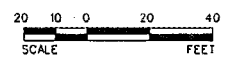
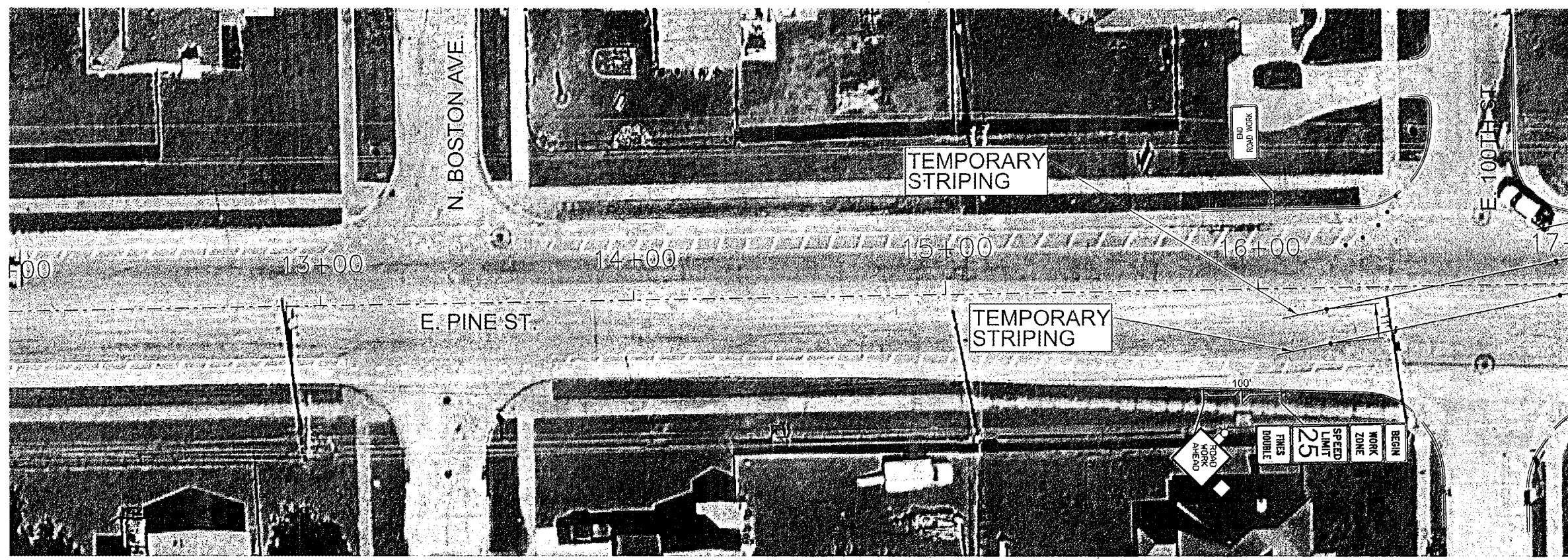


6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 858-0107

PLAN SCALE: 1"=40'	DRAWN CTC 09/2025	APPROVED:
DESIGNED ACP 09/2025		
SURVEY		
PROFILE SCALE: NA	PROJ. MGR. RF 9/25	
HORIZONTAL:	LEAD ENGR. DJ 9/25	
VERTICAL:	FIELD MGR. Kamille 11/25	
	RECOMMENDED: HAK 11/25	
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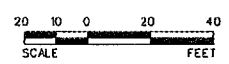
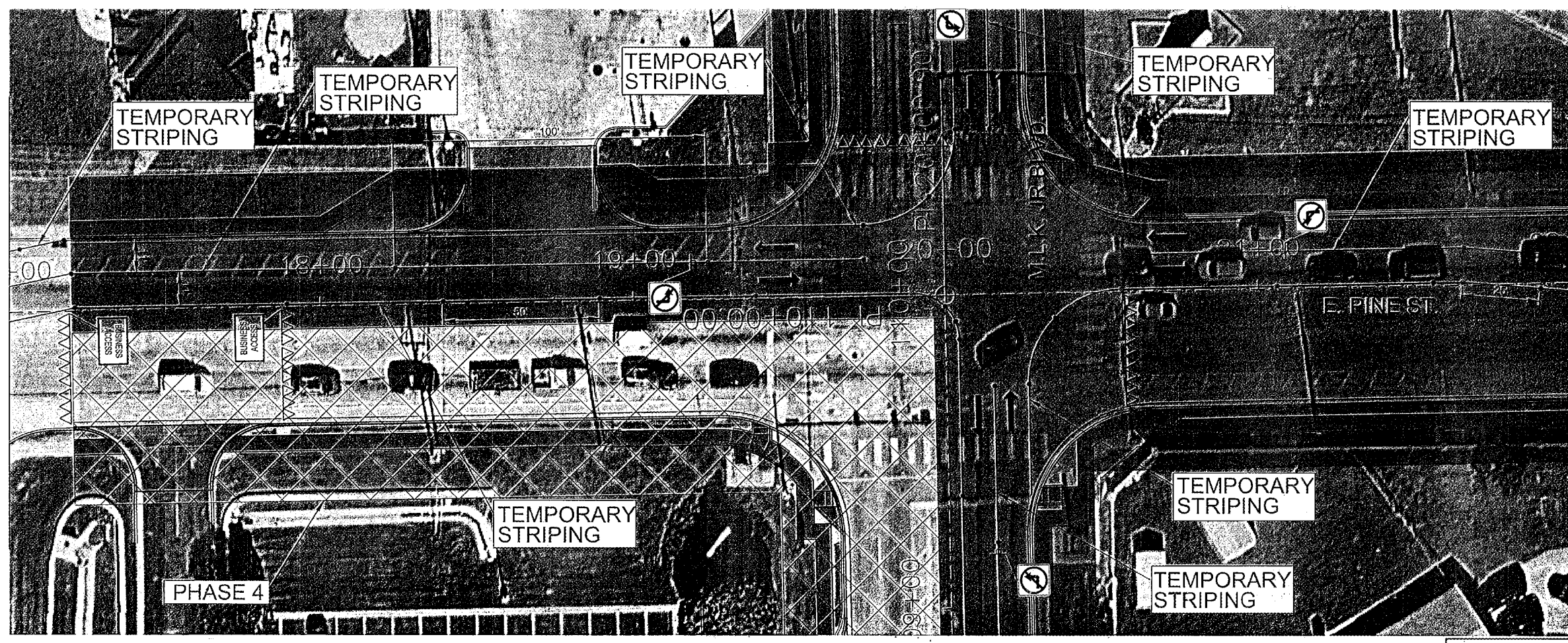
THE SIGNAL CONTRACTOR SHALL INSTALL "NO LEFT TURN" SIGNS ON THE MAIST ARM. THE "LEFT TURN YIELD ON GREEN BALL" SIGNS NEED TO BE COVERED WITH THE "NO LEFT TURN" SIGN. WHEN THE LEFT TURNS ARE RESTRICTED THE LEFT TURN SIGNAL INDICATION SHALL BE COVERED ON THE HEAD AND DISABLED IN THE CABINET.

LEGEND	
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TRAFFIC CONTROL SIGN ASSEMBLY
	CONSTRUCTION BARREL
	TUBULAR MARKERS
	COMPLETED WORK

WARNING:
OVERHEAD AND UNDERGROUND UTILITIES IN PROJECT VICINITY

STA. 17+00

STA. 17+00



9/9/25

TRAFFIC CONTROL PLAN PHASE 4 (SHEET 1 OF 4)			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY:			
		6100 S. YALE AVE. SUITE 1300 TULSA, OKLAHOMA 74136 Phone: (918) 250-6922 Fax: (918) 858-0107	
PLAN SCALE: 1"=40'	DRAWN CTC 05/2025	DESIGNED ACF 05/2025	SURVEY
PROFILE SCALE: 1"=4'	PROJ. MGR. RF 07/25	LEAD ENGR. (3) 10/25	FIELD MGR. Jm 11/25
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VERTICAL:			
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REVISION	BY	DATE

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STA. 22+00



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SCALE FEET

LEGEND

	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TRAFFIC CONTROL SIGN ASSEMBLY
	CONSTRUCTION BARREL
	TUBULAR MARKERS
	COMPLETED WORK

WARNING:

OVERHEAD AND UNDERGROUND
UTILITIES IN PROJECT
VICINITY



TRAFFIC CONTROL PLAN
PHASE 4 (SHEET 2 OF 4)

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

PLANS AND ESTIMATES PREPARED BY:

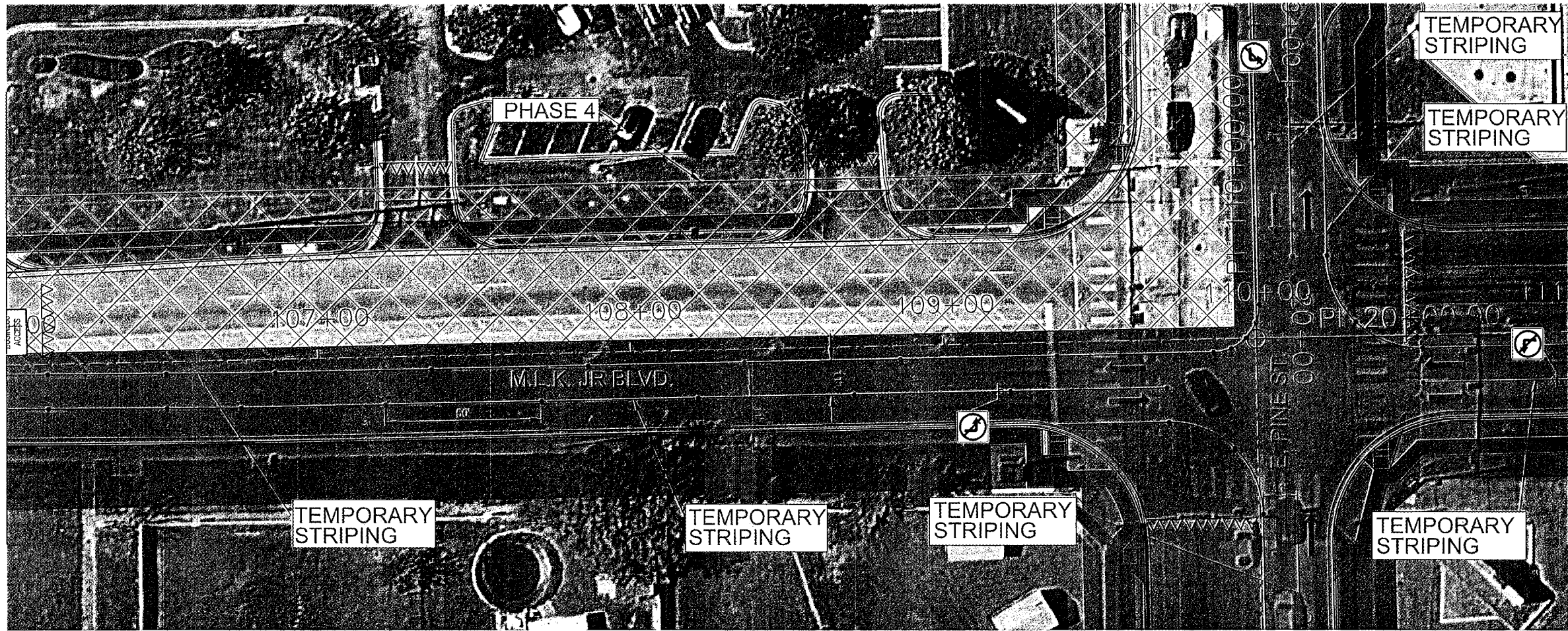


6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 858-0107

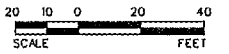
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	SURVEY			
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HORIZONTAL:	LEAD ENGR.	DI	9/25	
VERTICAL:	FIELD MGR.	RF	11/25	
	RECOMMENDED			
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STA. 106+00

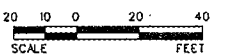
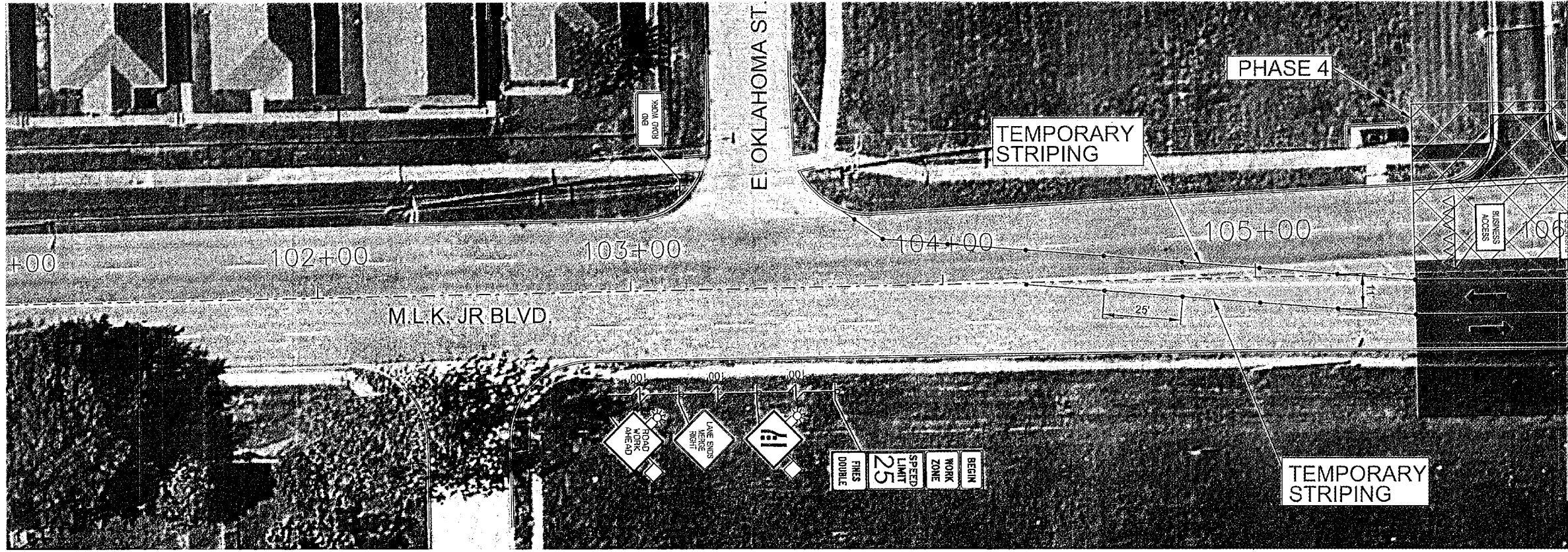


STA. 111+00



9/9/25

TRAFFIC CONTROL PLAN PHASE 4 (SHEET 3 OF 4)			
PROJECT NO. 144017-AP AND TMUA-W 17-33			
ARTERIAL STREET REHABILITATION PINE STREET AND MARTIN LUTHER KING BOULEVARD INTERSECTION			
CITY OF TULSA, OKLAHOMA PUBLIC WORKS			
PLANS AND ESTIMATES PREPARED BY:			
		6100 S. YALE AVE. SUITE 1300 TULSA, OKLAHOMA 74136 Phone: (918) 250-5922 Fax: (918) 858-0107	
PLAN SCALE: 1"=40'	DRAWN CTC 05/2025	DESIGNED ALF 05/2025	SURVEY
PROFILE SCALE: N/A	PROJ. MGR. RF 10/25	LEAD ENGR. D 10/25	FIELD MGR. JAN 11/25
HORIZONTAL:	RECOMMENDED HMS 11-25	DESIGN MANAGER	CITY ENGINEER
VERTICAL:	FILE:	DRAWING:	DATE: 12/5/2025
ATLAS PAGE NO:		SHEET 39 OF 40 SHEETS	



THE SIGNAL CONTRACTOR SHALL
INSTALL "NO LEFT TURN" SIGNS ON
THE MAST ARM. THE "LEFT TURN
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TO BE COVERED WITH THE "NO
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DISABLED IN THE CABINET.

LEGEND	
	DIRECTION OF TRAFFIC
	TYPE III BARRICADE
	TRAFFIC CONTROL SIGN ASSEMBLY
	CONSTRUCTION BARREL
	TUBULAR MARKERS
	COMPLETED WORK

WARNING:
OVERHEAD AND UNDERGROUND
UTILITIES IN PROJECT
VICINITY

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STA. 116+00



20 10 0 20 40
SCALE FEET



9/9/25

TRAFFIC CONTROL PLAN
PHASE 4 (SHEET 4 OF 4)

PROJECT NO. 144017-AP AND TMUA-W 17-33

ARTERIAL STREET REHABILITATION
PINE STREET AND MARTIN LUTHER
KING BOULEVARD INTERSECTION

CITY OF TULSA, OKLAHOMA
PUBLIC WORKS

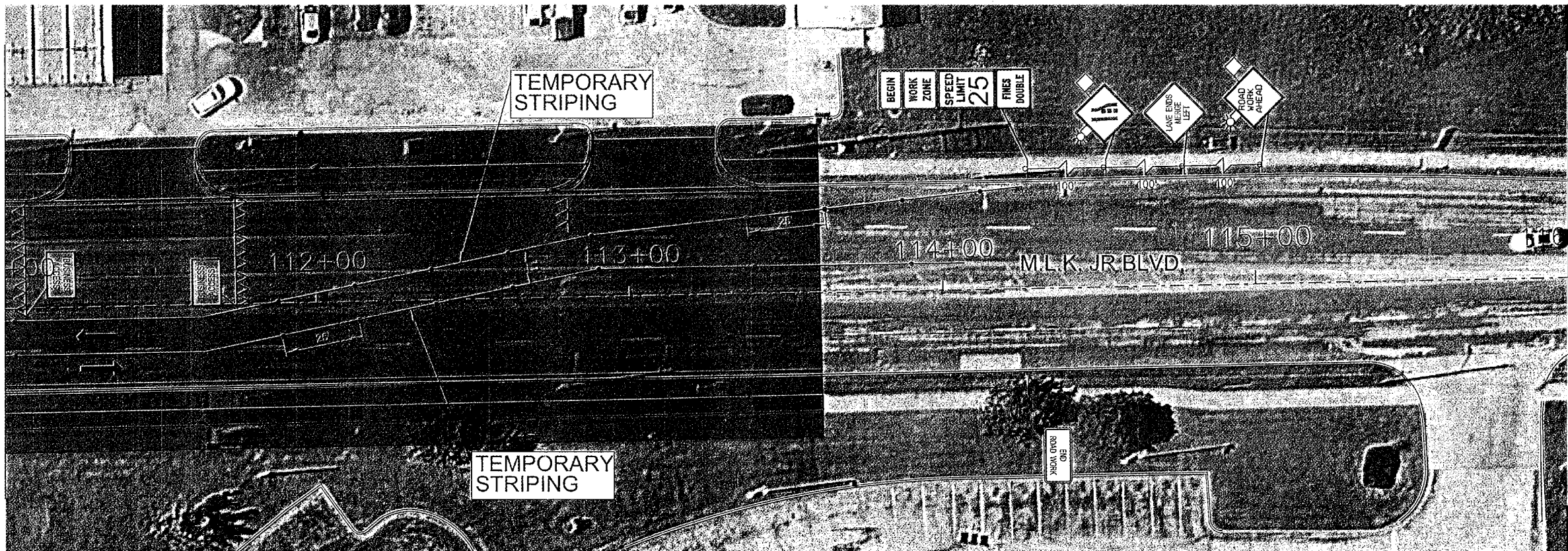
PLANS AND ESTIMATES PREPARED BY:



6100 S. YALE AVE. SUITE 1300 Phone: (918) 250-5922
TULSA, OKLAHOMA 74136 Fax: (918) 858-0107

PLAN SCALE: 1"=40'	DRAWN	CTC	05/20/25	APPROVED:
	DESIGNED	ACF	06/20/25	
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PROFILE SCALE: N/A	PROJ. MGR.	BF	11/25	CITY ENGINEER DATE: 9/5/2025
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VERTICAL:	FIELD MGR.	DAVID H/15		
	RECOMMENDED	H/15 11/25		
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STA. 111+00



20 10 0 20 40
SCALE FEET

LEGEND

- DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- TRAFFIC CONTROL SIGN ASSEMBLY
- CONSTRUCTION BARREL
- TUBULAR MARKERS
- COMPLETED WORK

WARNING:

OVERHEAD AND UNDERGROUND
UTILITIES IN PROJECT
VICINITY