FOR SURVEY CONTROL DATA
SEE SURVEY DATA SHEETS

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED

CITY STREET

△FEDERAL AID PROJECT NO. STP-255N(691)AG

△△ INTERSECTION MODIFICATION

DANFORTH & KELLY AVENUE

OKLAHOMA COUNTY

STATE JOB NO. 38090(04)

LATITUDE 35°40'02.76"N LONGITUDE 97°29'45.79"W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

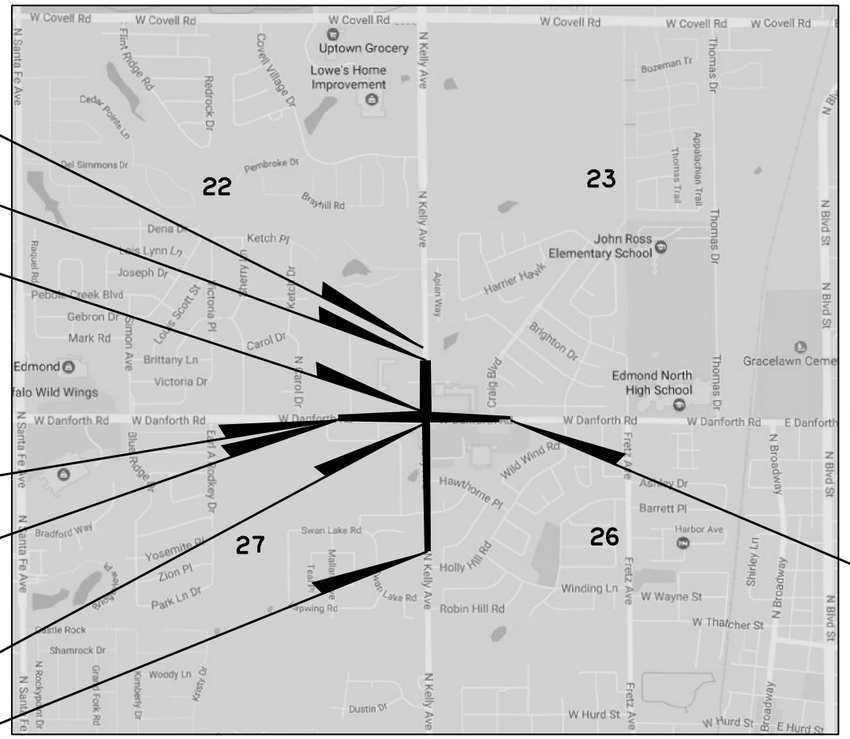
REVISIONS	
DESCRIPTION	DATE
△ UPDATED INFORMATION	4/21/2025
△ UPDATED INFORMATION	4/30/2025

FOR INDEX OF SHEETS AND
STANDARDS SEE SHEET 0002

1000' 0 1000' 2000'

SCALE
PLAN 1"= 30'
PROFILE HOR. 1"= 30'
VER. 1"= 5'
LAYOUT MAP 1"= 1000'

R 3 W



STA. 118+20.00 END INCIDENTAL CONST. KELLY AVE.

STA. 116+26.28 END KELLY AVE. AND BEGIN INCIDENTAL CONST.

STA. 110+53.76 END KELLY AVE. EXCEPTION

T 14 N

STA. 17+00.00 BEGIN INCIDENTAL CONST. DANFORTH

STA. 17+50.00 END INCIDENTAL CONST. AND BEGIN DANFORTH

STA. 109+66.19 BEGIN KELLY AVE. EXCEPTION

STA. 92+55.00 BEGIN KELLY AVE.

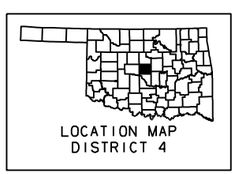
STA. 43+00.00 END DANFORTH

DESIGN DATA

ADT- (2025)	=	26,703
ADT- (2045)	=	42,132
DHV (2-WAY)	=	4003
K	=	9.5%
D	=	54%
T (%DHV)	=	2%
T (%ADT)	=	2%
T_3 (%ADT)	=	1%
V	=	40 MPH

CONVENTIONAL SIGNS

- INTERSTATE HIGHWAY
- U.S. HIGHWAY
- STATE HIGHWAY
- PROPOSED ROAD
- RAILROADS
- RANGE & TOWNSHIP LINES
- SECTION LINES
- QUARTER SECTION LINES
- FENCES
- GROUND LINE
- EXISTING ROADS
- BASE LINE
- GRADE LINES
- TELEPHONE & TELEGRAPH
- POWER LINES
- OIL WELLS
- BUILDINGS
- DRAINAGE STRUCTURES-IN-PLACE
- DRAINAGE STRUCTURES-NEW
- RIGHT-OF-WAY LINES-EXISTING
- RIGHT-OF-WAY LINES-NEW
- RIGHT-OF-WAY MARKERS-IN PLACE
- RIGHT-OF-WAY MARKERS-REMOVE & RESET
- RIGHT-OF-WAY MARKERS-NEW
- CONTROLLED ACCESS
- SS — EXISTING SANITARY SEWERS
- G — EXISTING GAS LINES
- W — EXISTING WATER LINES
- TUG — EXISTING TELEPHONE CABLES UNDERGROUND
- PUG — EXISTING POWER CABLES UNDERGROUND



ROADWAY LENGTH	4,833.71 FT.	0.915 MILES
BRIDGE LENGTH	0.00 FT.	0.000 MILES
PROJECT LENGTH	4,833.71 FT.	0.915 MILES
EQUATION		
EXCEPTIONS		

2019 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION - ENGLISH GOVERN, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION, DECEMBER 19, 2019.

PREPARED AND SUBMITTED BY:

POE & ASSOCIATES INC.
Oklahoma City, Oklahoma
CA NO. 641

THOMAS S. EVANS , P.E.
OKLA. REG. NO. 25204

DATE 4-4-2025

REGISTERED PROFESSIONAL ENGINEER
THOMAS S. EVANS, P.E.
25204
OKLAHOMA

OKLAHOMA Transportation

OKLAHOMA DEPARTMENT OF TRANSPORTATION	DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION
DATE APPROVED	DATE APPROVED
BY	BY
CHIEF ENGINEER	DIVISION ADMINISTRATOR

SWO -(1) △FEDERAL AID PROJECT NO. STP-255N(691)AG SHEET NO. 0001

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
0001.	TITLE SHEET
0002.	INDEX OF SHEETS AND STANDARDS
0003. - 0017.	TYPICAL SECTIONS
AE01	ENVIRONMENTAL NOTES
AR01 - AR02	SUMMARY OF PAY QUANTITIES AND NOTES - ROADWAY
AR03 - AR05	SUMMARY SHEETS - ROADWAY
AT01	SUMMARY OF PAY QUANTITIES AND NOTES - SIGNING AND STRIPING
AT02	SUMMARY OF PAY QUANTITIES AND NOTES - TRAFFIC OPERATIONS
AT03	SUMMARY SHEETS - TRAFFIC
AT04 - AT05	PAY QUANTITIES AND NOTES - TRAFFIC SIGNALS
R001	STORM WATER MANAGEMENT PLAN
R002	DRAINAGE DESIGN RECORDS
R003	DRAINAGE AREA MAP
R004 - R009	PLAN AND PROFILE SHEETS
R010 - R015	EROSION CONTROL SHEETS
R016 - R021	REMOVAL SHEETS
R022 - R027	SIDEWALK LAYOUT SHEETS
R028	DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS
R029 - R036	JOINT LAYOUT DETAIL SHEETS
R037 - R043	RAISED MEDIAN DETAIL SHEETS
R044	SPOT ELEVATION DETAIL SHEET
R045	TEMPORARY INLET SIDIMENT FILTER
R046	DETAIL OF CURB INLET WITH JUNCTION BOX
R047	DETAIL OF DITCH TREATMENT
S001 - S007	SURVEY DATA SHEET
T001 - T006	SIGNING AND STRIPING LAYOUT
T007	SPECIAL SIGN DETAIL SHEET
T008 - T016	TRAFFIC CONTROL PLAN PHASE 1
T017 - T025	TRAFFIC CONTROL PLAN PHASE 2
T026 - T034	TRAFFIC CONTROL PLAN PHASE 3
T035 - T043	TRAFFIC CONTROL PLAN PHASE 4
T044 - T052	TRAFFIC CONTROL PLAN PHASE 5
T053	CONTROLLER CABINET GROUNDING DETAILS
T054	TYPICAL INTERSECTION SYSTEM GROUND DETAILS
T055	FIBER OPTIC CABLE, CONDUIT & SPLICE DETAILS
T056	SIGNAL EQUIPMENT PLACEMENT DETAILS
T057	TYPICAL CATV INSTALLATION DETAILS
T058	FIBER OPTIC CABLE ROAD MARKER DETAILS
T059	IP ADDRESS AND DETECTOR/LOOP TERMINAL ASSIGNMENTS
T060	FIBER & CATV CONNECTION DETAILS
T061	WAVETRONIX DETECTION UNIT DETAILS
T062	ETHERNET SWITCH DETAILS
T063	CONTROLLER CABINET DETAILS
T064 - T065	GROUND BOX DETAILS
T066	SIGNAL PLAN N. KELLY AVE. & W. DANFORTH RD.
T067	SIGNAL DETAIL N. KELLY AVE. & W. DANFORTH RD.
T068	SIGNAL WIRING DIAGRAM N. KELLY AVE. & W. DANFORTH RD.
T069 - T070	COMMUNICATION CABLE PLAN DANFORTH RD.
T071	SIGNAL PLAN N. KELLY AVE. & HAWTHORNE LN.
T072	SIGNAL DETAIL N. KELLY AVE. & HAWTHORN LN.
T073	SIGNAL WIRING DIAGRAM N. KELLY AVE. & HAWTHORN LN.
X001. - X064.	CROSS SECTIONS

THE FOLLOWING STANDARD DRAWINGS ARE INCLUDED IN THIS PROJECT

ROADWAY (2019):	TRAFFIC - SIGNING (2009):	TRAFFIC CONTROL (2009):	TRAFFIC SIGNAL (2009):
BMPR-0	PM1-1-03	TCS1-1-01	PMAP1-2-01
TESCA-0	PM4-1-02	TCS2-1-00	SPBP1-1-01
IPD-0	PM5-1-00	TCS3-1-01	SA1-1-02
RSF-0	PM6-1-00	TCS4-1-01	ID1-1-00
TSD-0	RSD1-1-00	TCS5-1-00	SNS1-1-02
TRFD-0	RSD2-1-00	TCS6-1-02	TSSS1-1-00
SCE-0	SBS1-1-00	TCS7-1-02	PWD1-2-00
SSS-2-1	SBS2-1-00	TCS8-1-00	CFD1-2-01
ASCD-6-1	SBS3-1-00	TCS9-1-01	CC1-1-00
CSCD-6-2	SBS5-1-00	TCS10-1-00	TSSP1-1-00
LECS-5-2	GMS1-1-00	TCS11-1-01	MAD1-1-01
LTU-5-1	SSP1-1-02	TCS15-1-00	RPMAD1-1-0
CRCP1-4-1		TCS19-1-01	MDL1-1-00
PED-4-1		TCS21-1-02	MDL2-1-00
WCR-4-2			
TWD-2-2			
CET4D-4-2			
PCES-5-1			
SSCD-4-1			
PCI-1-1			
CI-2-2			
MFC-5-1			
MJB-4-2			
PRM-1-3			
PSM-1-3			
PMD-1-1			
CCI-1-0			
CCI-2-0			
PBB-1-3			
PUD-4-1			
MI-4-2			
DC-4-1			
PDT-2-3			
SUEL1-4-1			
SUEL2-4-1			

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

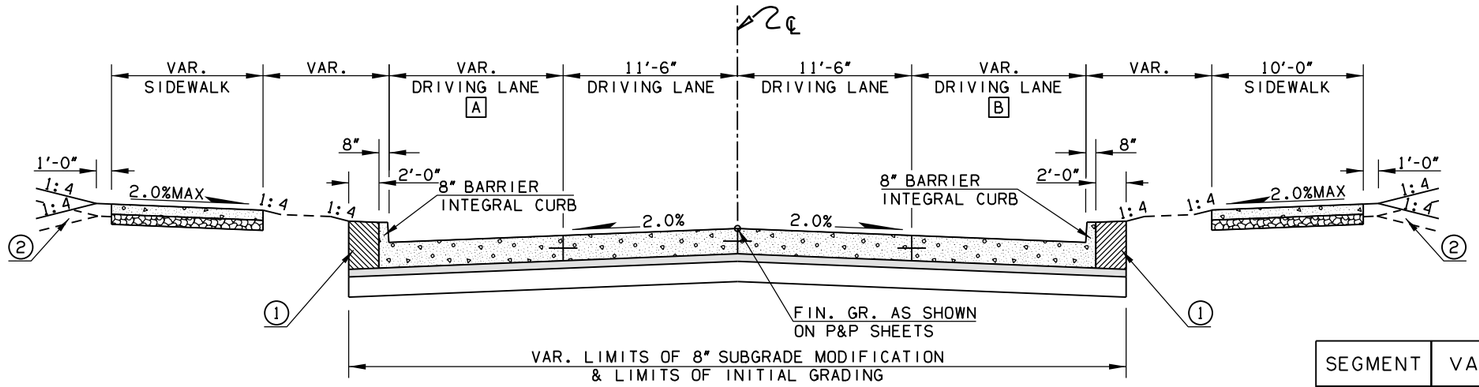
INDEX OF SHEETS AND STANDARDS

STATE JOB NO. 38090(04) SHEET NO. 0002

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



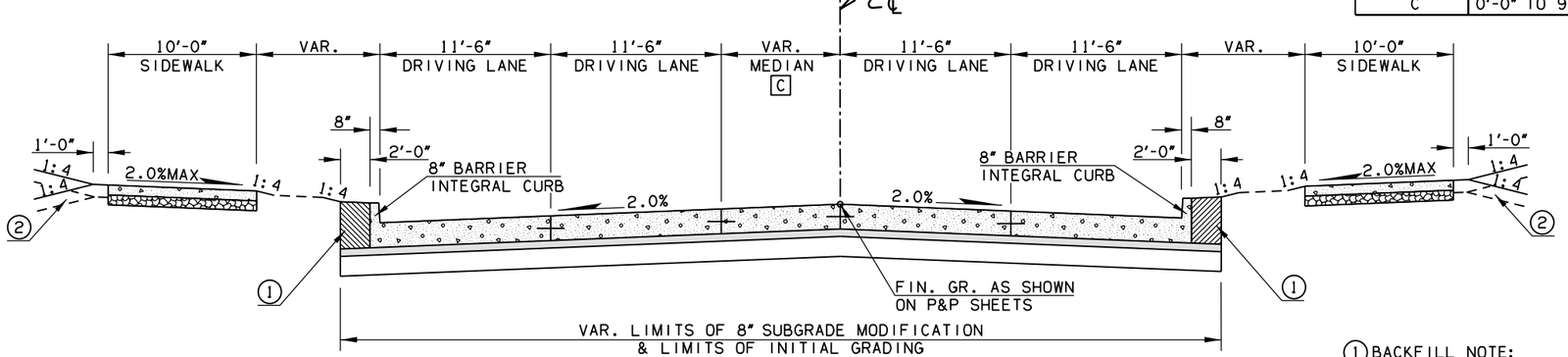
TYPICAL SECTION (1)

DANFORTH
STA. 17+50.00 TO STA. 19+87.91

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	12'-1" TO 11'-6"	17+50.00 TO 18+80.00
A	11'-6"	18+80.00 TO 19+87.91
B	16'-4" TO 11'-6"	17+50.00 TO 18+80.00
B	11'-6"	18+80.00 TO 19+87.91

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
C	0'-0" TO 9'-2"	19+87.91 TO 22+33.00



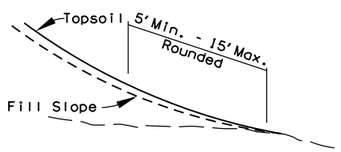
TYPICAL SECTION (2)

DANFORTH
STA. 19+87.91 TO STA. 22+33.00

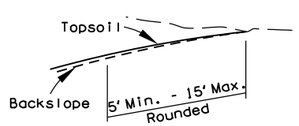
PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (DANFORTH) (SHEET 1 OF 15)

STATE JOB NO. 38090(04) SHEET NO. 0003

OKLAHOMA COUNTY

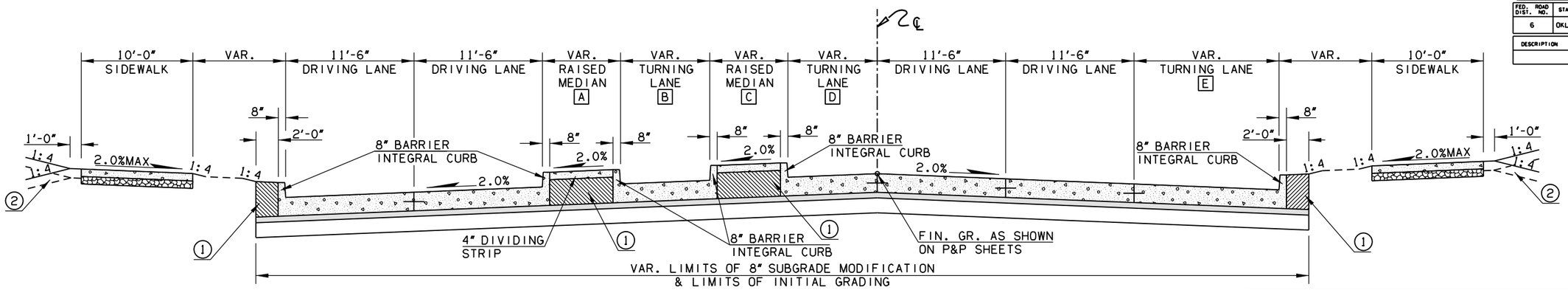
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE



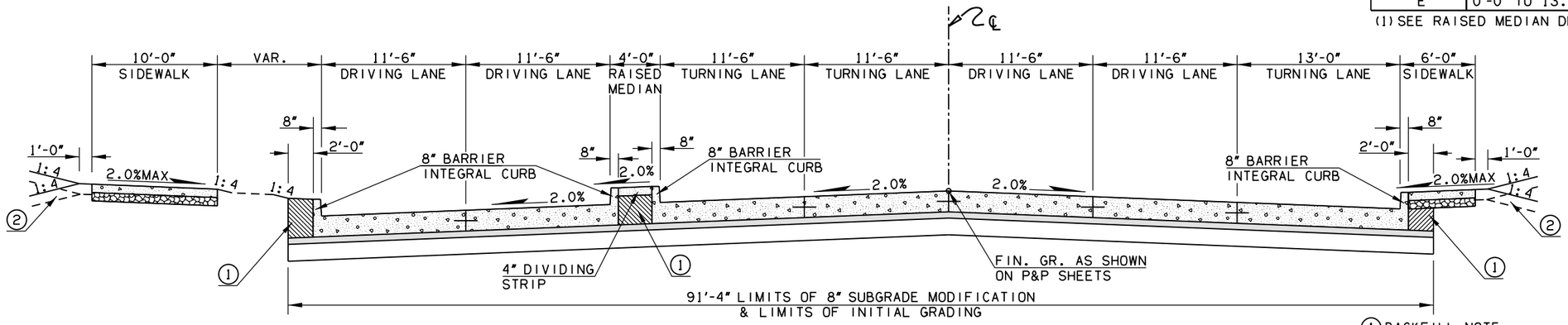
TYPICAL SECTION (3)

DANFORTH
STA. 22+33.00 TO STA. 27+08.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	9'-2" TO 2'-0"	22+33.00 TO 23+48.00
A	2'-0"	23+48.00 TO 25+22.00
B	0'-0" TO 11'-6"	22+33.00 TO 23+48.00
B	11'-6"	23+48.00 TO 25+22.00
C	0'-0"	22+33.00 TO 24+01.58
(1) C	2'-0" TO 4'-0"	24+01.58 TO 27+08.00
D	0'-0"	22+33.00 TO 24+78.00
D	0'-0" TO 23'-0"	24+78.00 TO 27+08.00
E	0'-0" TO 13.0'	25+78.00 TO 27+08.00

(1) SEE RAISED MEDIAN DETAILS FOR MORE CLARIFICATION



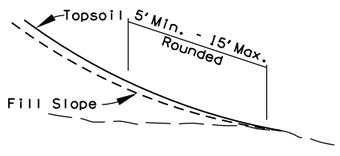
TYPICAL SECTION (4)

DANFORTH
STA. 27+08.00 TO STA. 28+96.00

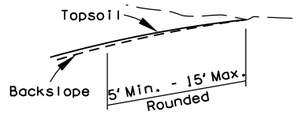
PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (DANFORTH) (SHEET 2 OF 15)

STATE JOB NO. 38090(04) SHEET NO. 0004

OKLAHOMA COUNTY

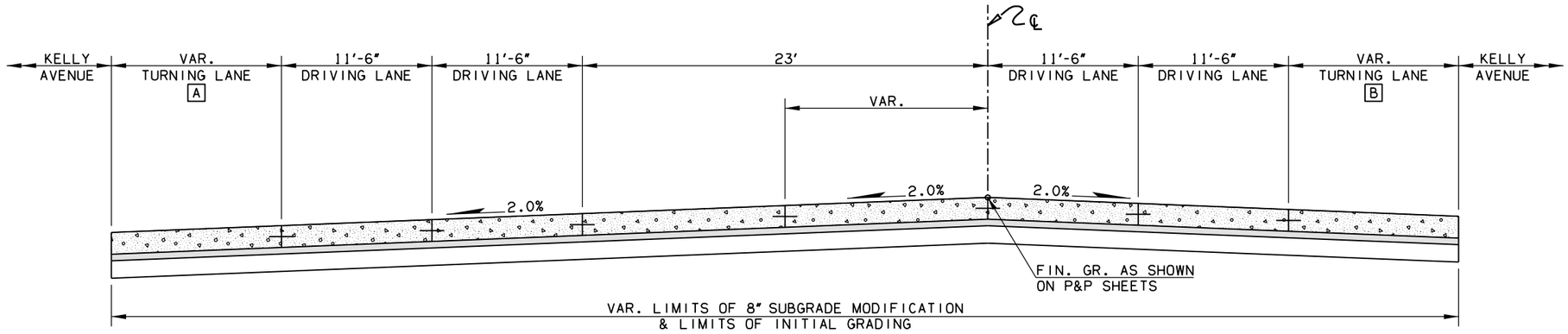
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

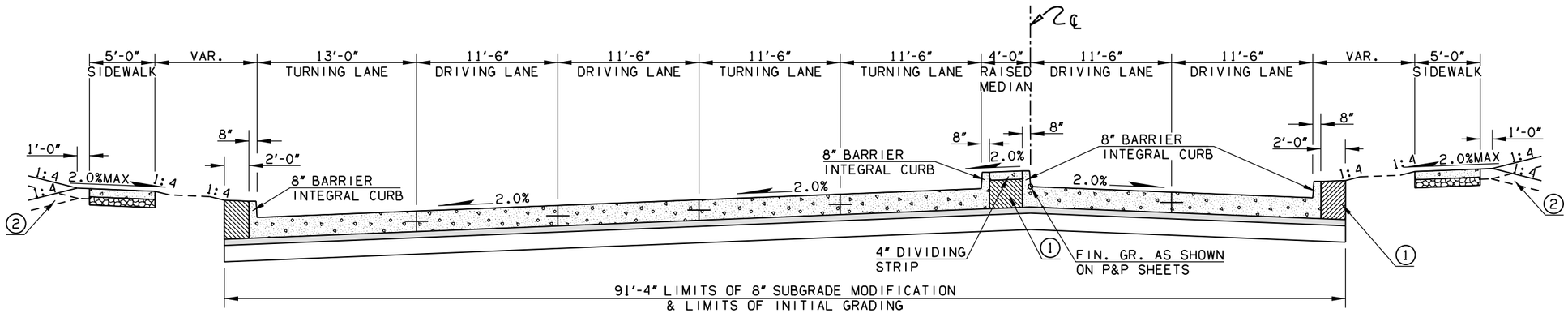


TYPICAL SECTION (5)

DANFORTH
STA. 28+96.00 TO STA. 30+92.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	0'-0"	28+96.00 TO 29+48.29
A	13'-0"	29+48.29 TO 30+92.00
B	13'-0"	28+96.00 TO 30+33.19
B	0'-0"	30+33.19 TO 30+92.00



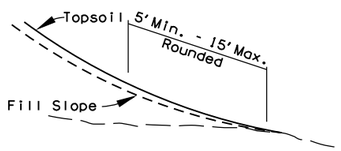
TYPICAL SECTION (6)

DANFORTH
STA. 30+92.00 TO STA. 32+80.00

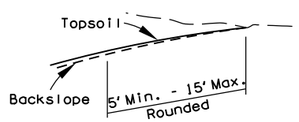
PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (DANFORTH) (SHEET 3 OF 15)

STATE JOB NO. 38090(04) SHEET NO. 0005

OKLAHOMA COUNTY

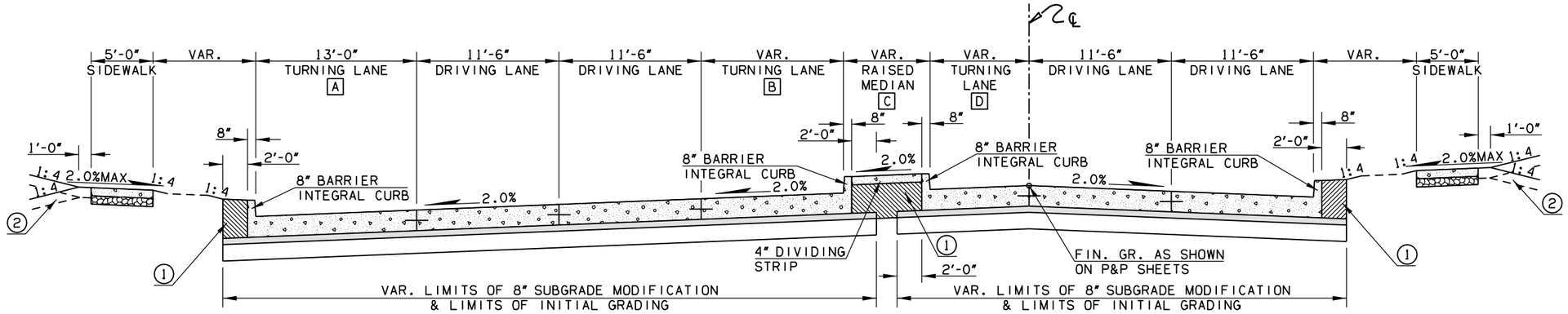
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

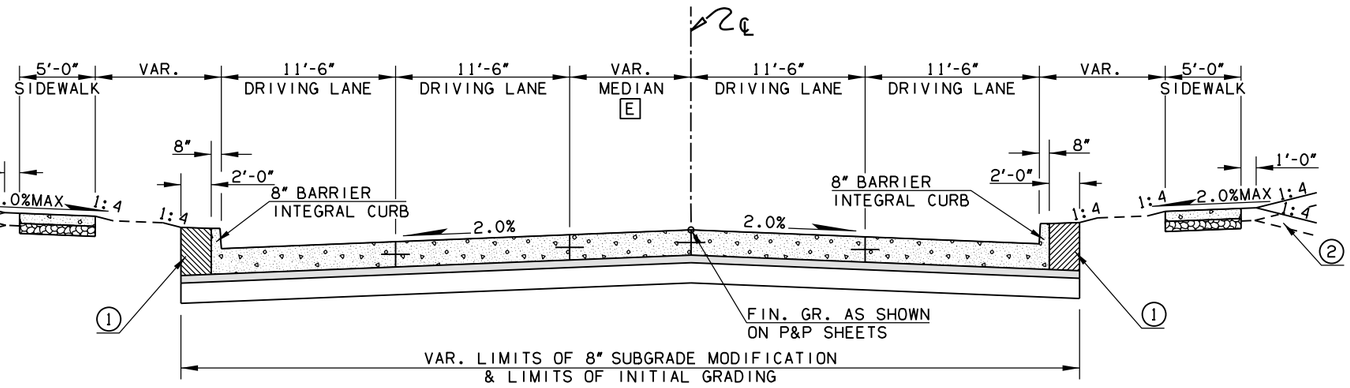


TYPICAL SECTION (7)

DANFORTH
STA. 32+80.00 TO STA. 35+06.60

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	13'-0" TO 0'-0"	32+80.00 TO 34+88.00
B	23'-0" TO 0'-0"	32+80.00 TO 34+47.28
C	4'-0"	32+80.00 TO 33+95.00
C	4'-0" TO 9'-3"	33+95.00 TO 34+47.28
C	9'-3" TO 7'-0"	34+47.28 TO 35+06.60
D	0'-0" TO 11'-6"	32+80.00 TO 33+94.97
D	11'-6"	33+94.97 TO 35+06.60



TYPICAL SECTION (8)

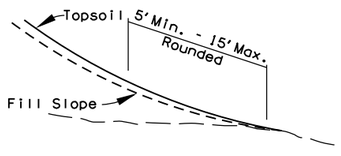
DANFORTH
STA. 35+06.60 TO STA. 39+65.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

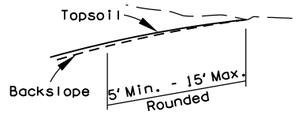
SEGMENT	VARIABLE WIDTH	STATION EXTENTS
E	18'-6" TO 1'-4"	35+06.60 TO 39+65.00

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (DANFORTH)

(SHEET 4 OF 15)

STATE JOB NO. 38090(04) SHEET NO. 0006

OKLAHOMA COUNTY

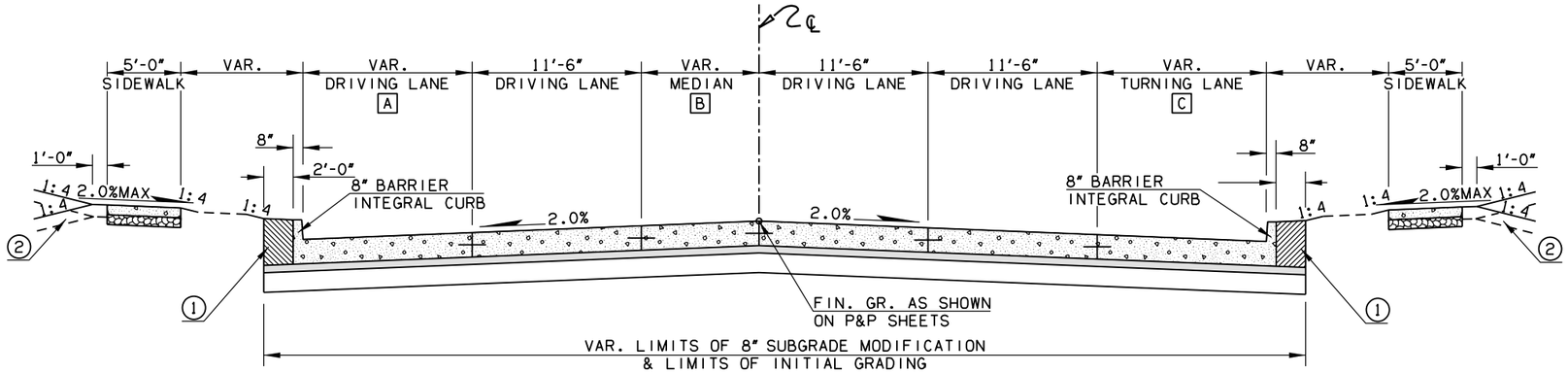
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

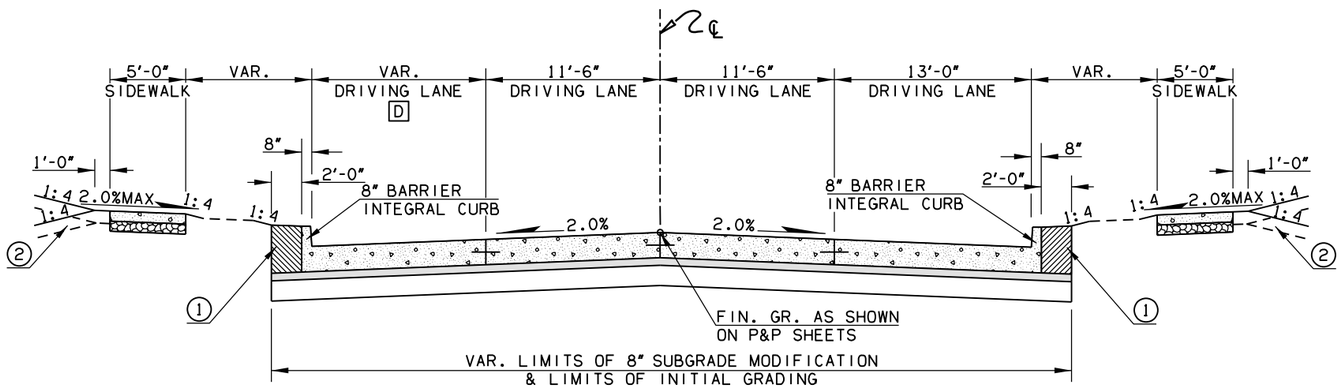


TYPICAL SECTION (9)

DANFORTH
STA. 39+65.00 TO STA. 42+65.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	11'-6"	39+65.00 TO 42+00.00
A	11'-6" TO 10'-8"	42+00.00 TO 42+65.00
B	1'-4" TO 0'-0"	39+65.00 TO 40+00.00
B	0'-0"	40+00.00 TO 42+65.00
C	0'-0" TO 11'-6"	39+65.00 TO 40+80.00
C	11'-6"	40+80.00 TO 42+65.00



TYPICAL SECTION (10)

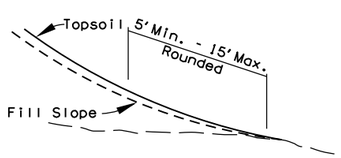
DANFORTH
STA. 42+65.00 TO STA. 43+00.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

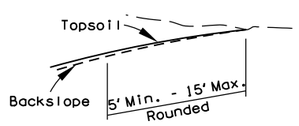
SEGMENT	VARIABLE WIDTH	STATION EXTENTS
D	10'-8" TO 10'-3"	42+65.00 TO 43+00.00

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (DANFORTH) (SHEET 5 OF 15)

STATE JOB NO. 38090(04) SHEET NO. 0007

OKLAHOMA COUNTY

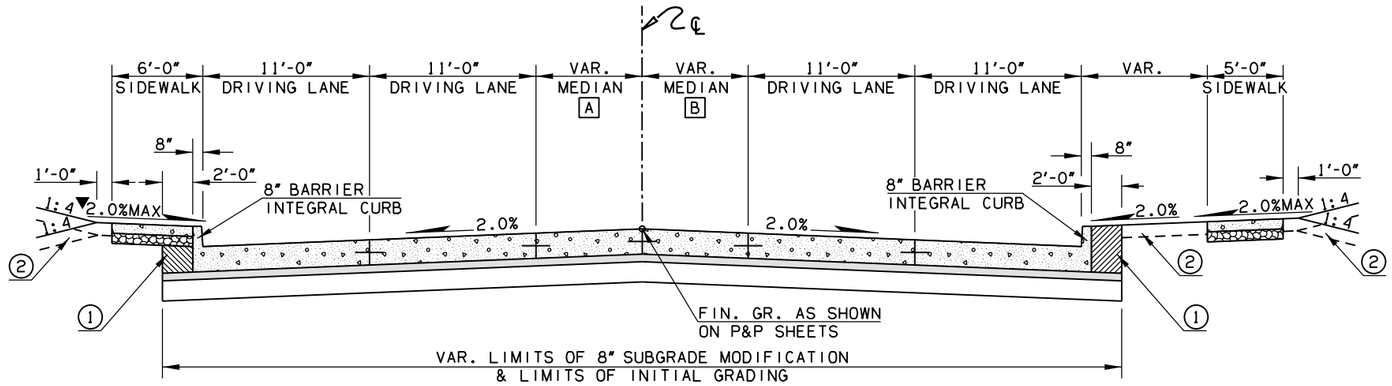
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE



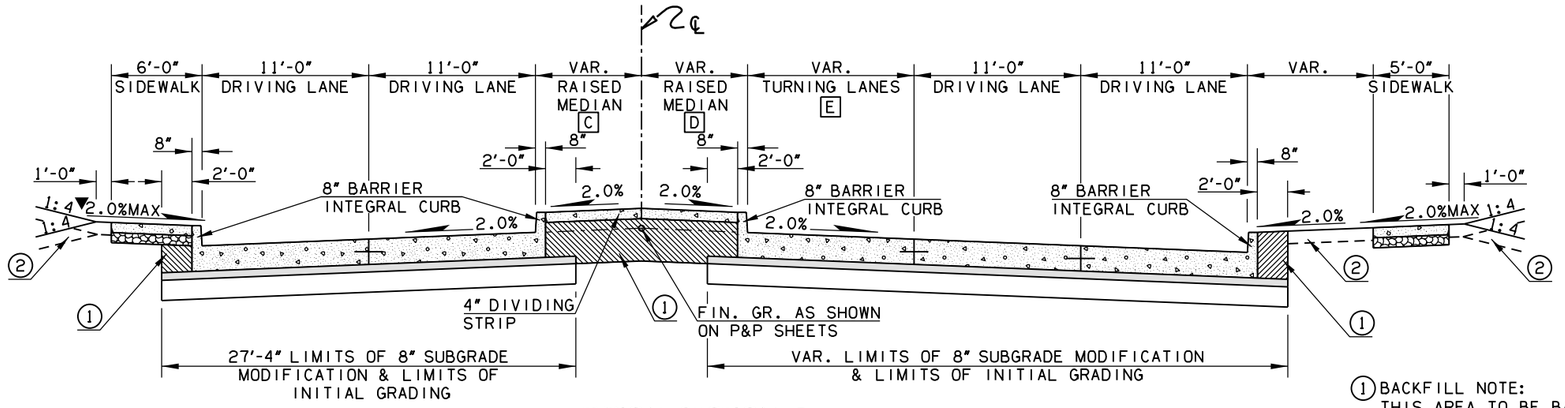
▼ VAR. SLOPE
STA. 92+55.00 -2.00%MAX TO
STA. 93+05.00 2.00%MAX

TYPICAL SECTION (11)

KELLY AVENUE
STA. 92+55.00 TO STA. 94+16.74
STA. 97+15.00 TO STA. 98+00.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	0'-0"	92+55.00 TO 93+65.00
A	0'-0" TO 1'-11"	93+65.00 TO 94+16.74
A	7'-6"	97+15.00 TO 98+00.00
B	0'-0" TO 6'-1"	92+55.00 TO 94+16.74
B	7'-6"	97+15.00 TO 98+00.00



TYPICAL SECTION (12)

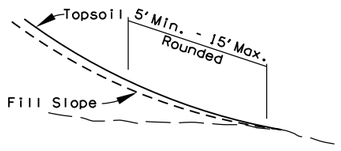
KELLY AVENUE
STA. 94+16.74 TO STA. 95+30.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

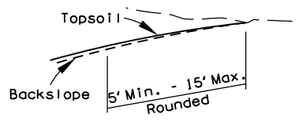
SEGMENT	VARIABLE WIDTH	STATION EXTENTS
C	1'-11" TO 6'-2"	94+16.74 TO 95+30.00
D	6'-1" TO 7'-6"	94+16.74 TO 94+55.00
D	7'-6" TO 0'-0"	94+55.00 TO 95+30.00
E	0'-0"	94+16.74 TO 94+55.00
E	0'-0" TO 7'-6"	94+55.00 TO 95+30.00

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (KELLY AVENUE) (SHEET 6 OF 15)

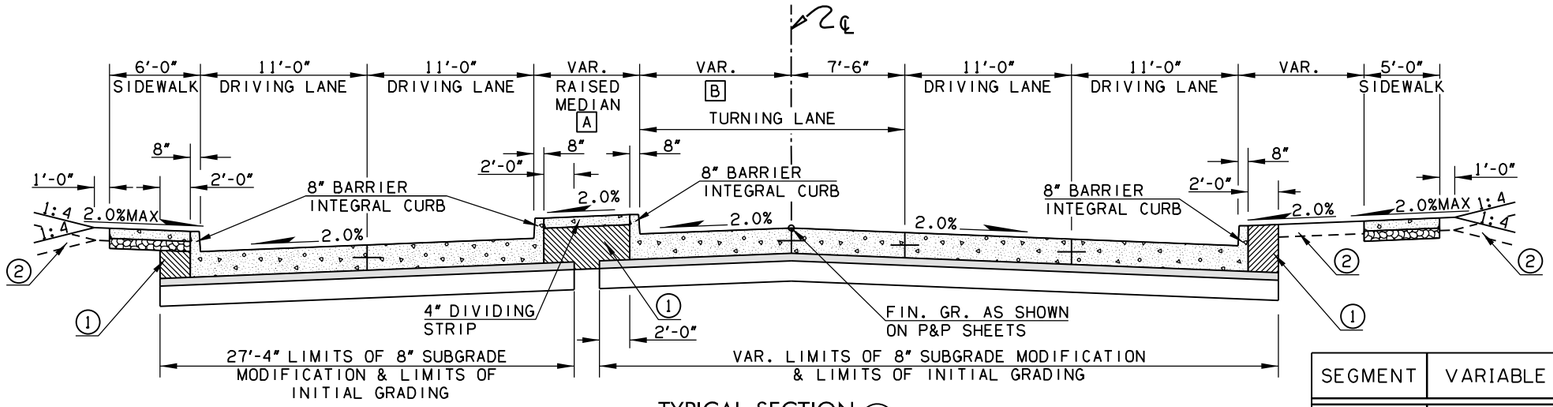
STATE JOB NO. 38090(04) SHEET NO. 0008

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

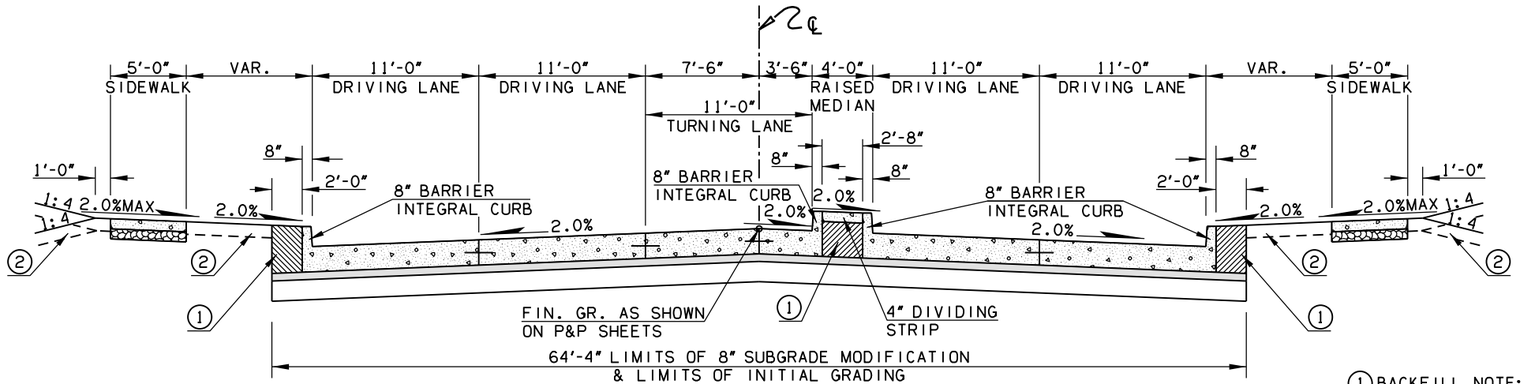


TYPICAL SECTION (13)

KELLY AVENUE
STA. 95+30.00 TO STA. 97+15.00
STA. 100+60.00 TO STA. 101+26.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	6'-2" TO 4'-0"	95+30.00 TO 95+65.00
A	4'-0"	95+65.00 TO 97+15.00
A	4'-0" TO 2'-0"	100+60.00 TO 100+80.00
A	2'-0"	100+80.00 TO 101+26.00
B	0'-0" TO 3'-6"	95+30.00 TO 95+65.00
B	3'-6"	95+65.00 TO 97+15.00
B	3'-6" TO 7'-6"	100+60.00 TO 100+80.00
B	7'-6"	100+80.00 TO 101+26.00



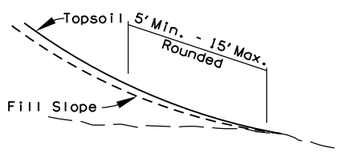
TYPICAL SECTION (14)

KELLY AVENUE
STA. 98+00.00 TO STA. 99+50.00

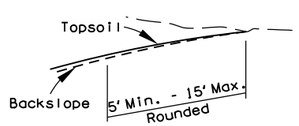
PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (KELLY AVENUE) (SHEET 7 OF 15)

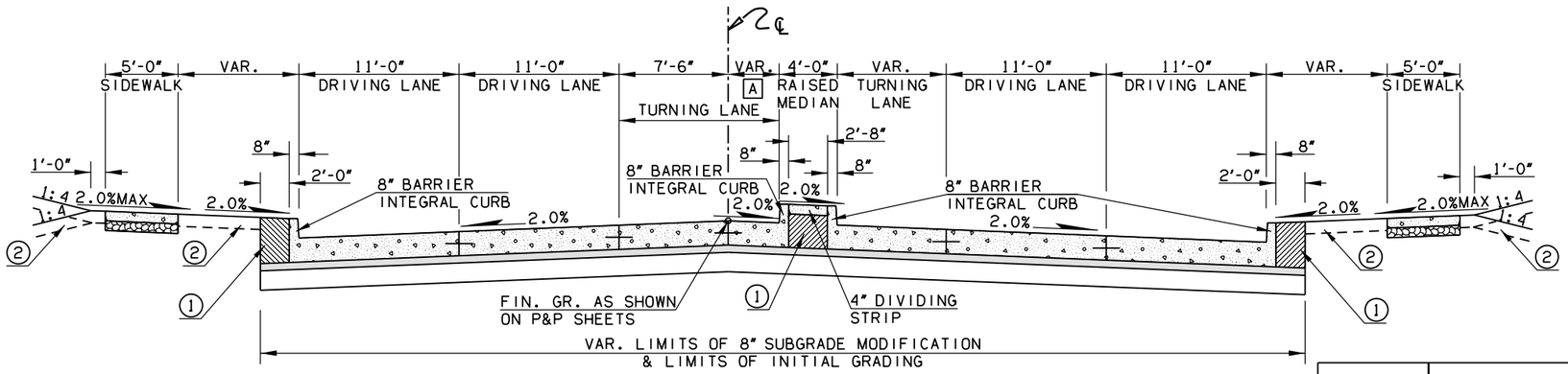
STATE JOB NO. 38090(04) SHEET NO. 0009

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



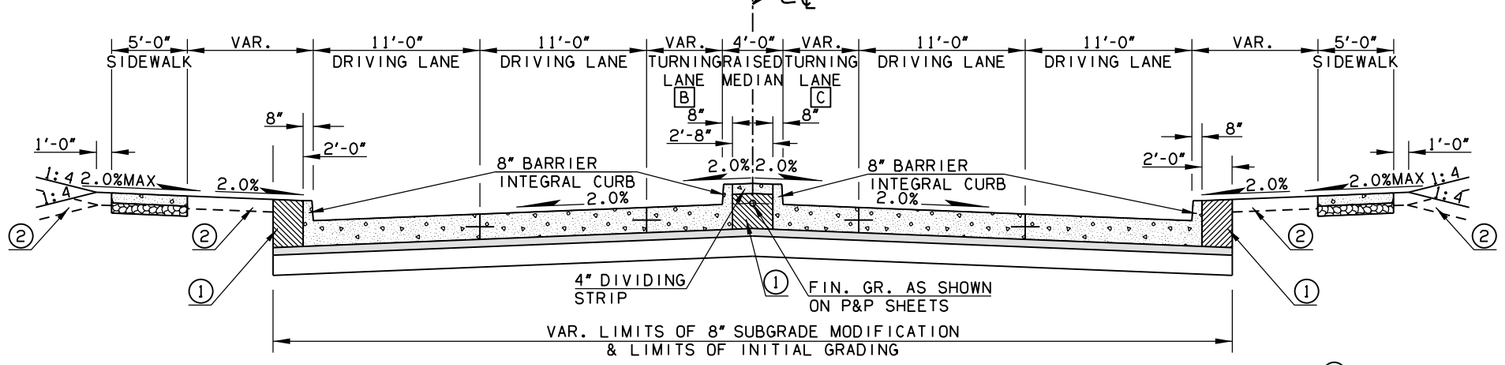
TYPICAL SECTION (15)

KELLY AVENUE

STA. 99+50.00 TO STA. 99+85.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	3'-6" TO 0'-0"	99+50.00 TO 99+85.00



TYPICAL SECTION (16)

KELLY AVENUE

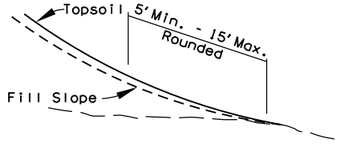
STA. 99+85.00 TO STA. 100+25.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

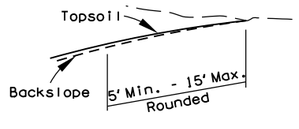
SEGMENT	VARIABLE WIDTH	STATION EXTENTS
B	7'-6" TO 3'-6"	99+85.00 TO 100+25.00
C	3'-6" TO 7'-6"	99+85.00 TO 100+25.00

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (KELLY AVENUE) (SHEET 8 OF 15)

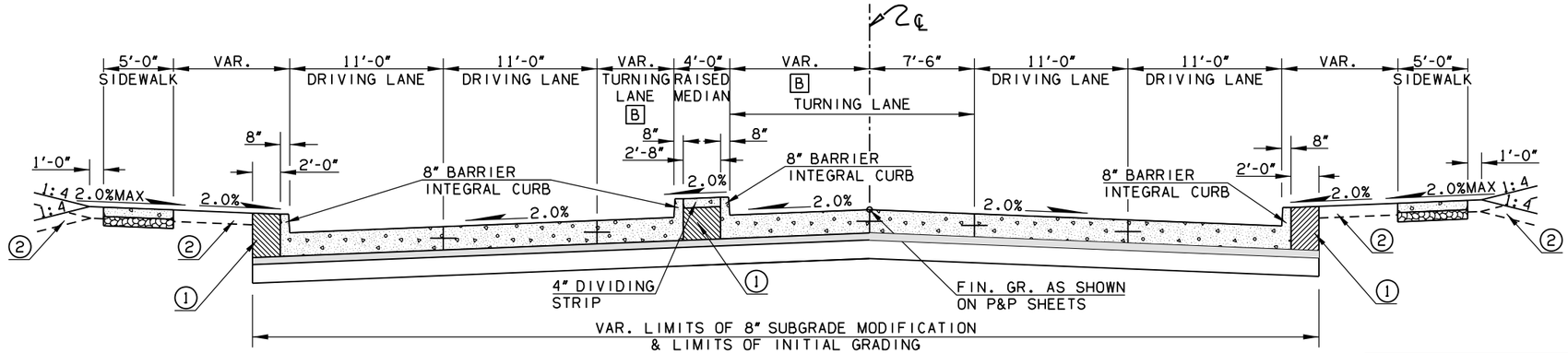
STATE JOB NO. 38090(04) SHEET NO. 0010

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

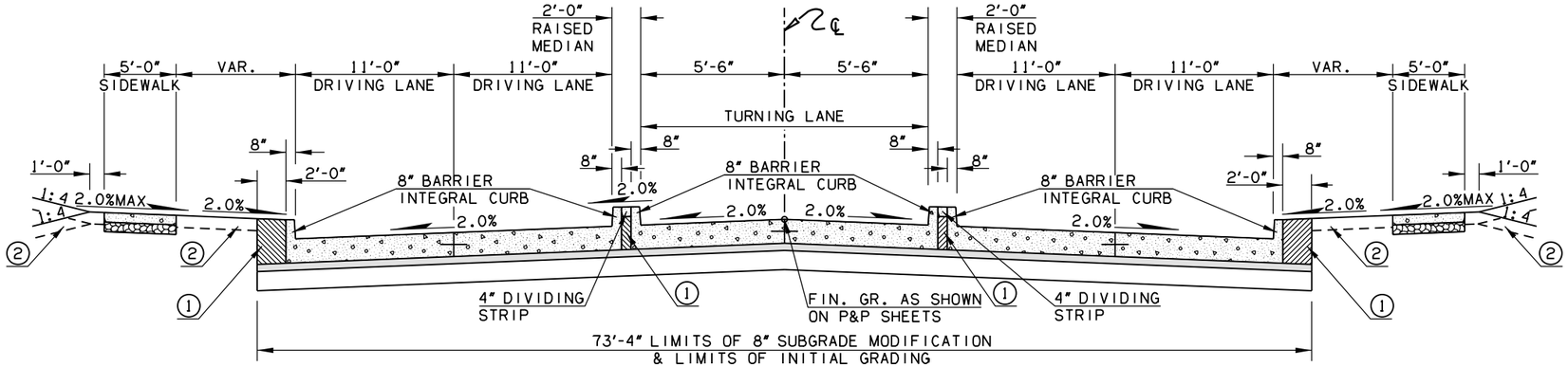


SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	3'-6" TO 0'-0"	100+25.00 TO 100+60.00
B	0'-0" TO 3'-6"	100+25.00 TO 100+60.00

TYPICAL SECTION (17)

KELLY AVENUE
STA. 100+25.00 TO STA. 100+60.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)



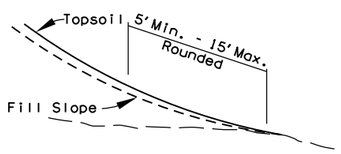
TYPICAL SECTION (18)

KELLY AVENUE
STA. 101+26.00 TO STA. 101+45.00
STA. 102+10.00 TO STA. 102+29.00

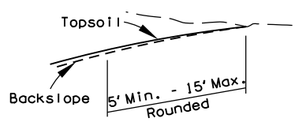
PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (KELLY AVENUE) (SHEET 9 OF 15)

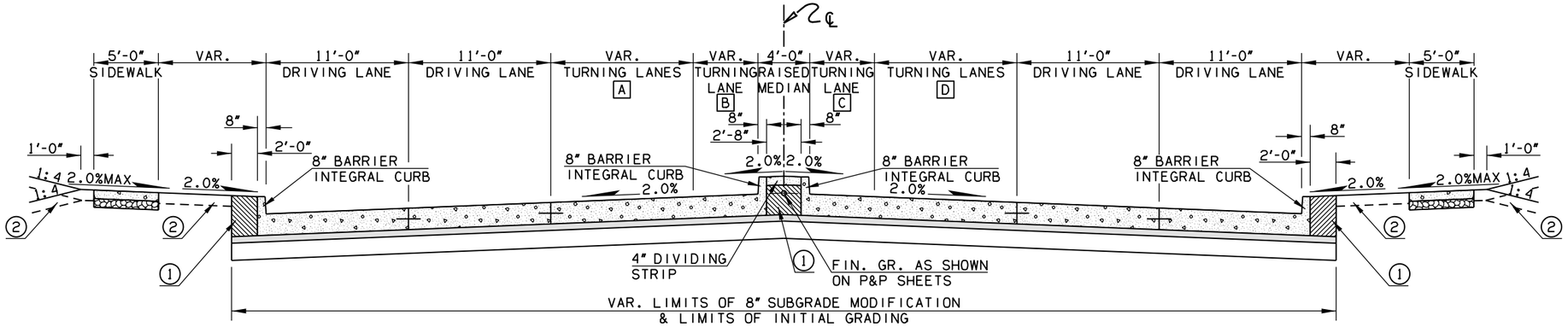
STATE JOB NO. 38090(04) SHEET NO. 0011

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



TYPICAL SECTION (19)

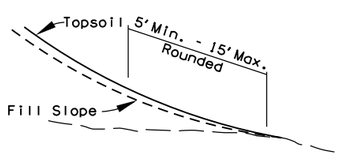
KELLY AVENUE
STA. 101+45.00 TO STA. 102+10.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

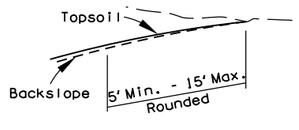
SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	7'-6"	101+45.00 TO 101+75.47
A	7'-6" TO 0'-0"	101+75.47 TO 101+95.84
A	0'-0"	101+95.84 TO 102+10.00
B	5'-6"	101+45.00 TO 101+59.16
B	5'-6" TO 0'-0"	101+59.16 TO 101+75.47
B	0'-0"	101+75.47 TO 102+10.00
C	0'-0"	101+45.00 TO 101+79.53
C	0'-0" TO 5'-6"	101+79.53 TO 101+95.84
C	5'-6"	101+95.84 TO 102+10.00
D	0'-0"	101+45.00 TO 101+59.16
D	0'-0" TO 7'-6"	101+59.16 TO 101+79.53
D	7'-6"	101+79.53 TO 102+10.00

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
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THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION
SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (KELLY AVENUE) (SHEET 10 OF 15)

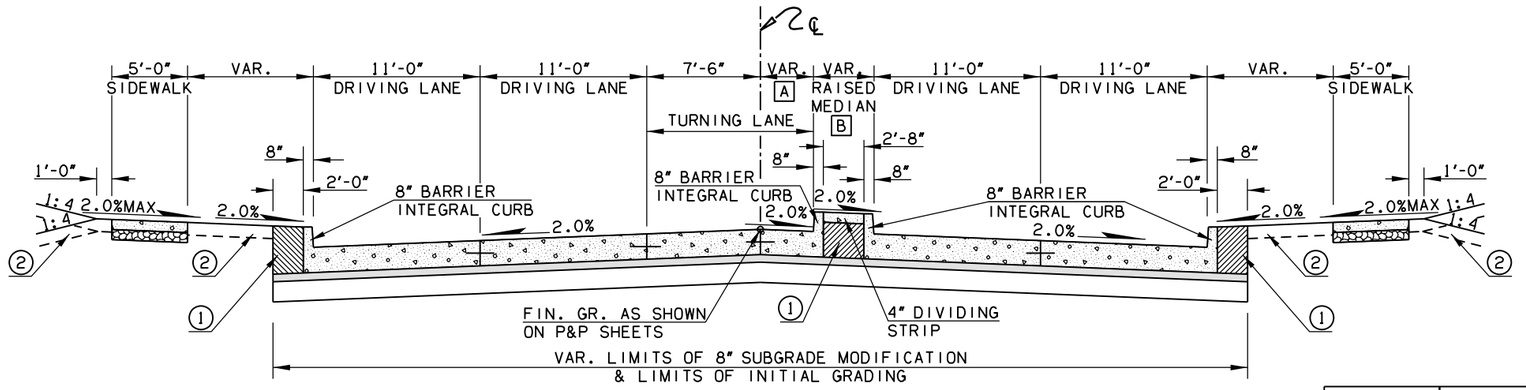
STATE JOB NO. 38090(04) SHEET NO. 0012

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



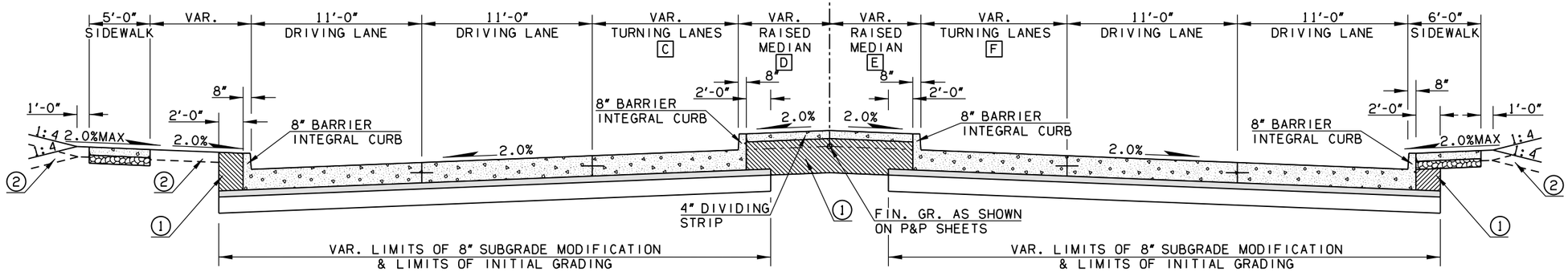
TYPICAL SECTION (20)

KELLY AVENUE

STA. 102+29.00 TO STA. 103+30.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	5'-6"	102+29.00 TO 102+75.00
A	5'-6" TO 0'-0"	102+75.00 TO 103+30.00
B	2'-0"	102+29.00 TO 102+75.00
B	2'-0" TO 7'-6"	102+75.00 TO 103+30.00



TYPICAL SECTION (21)

KELLY AVENUE

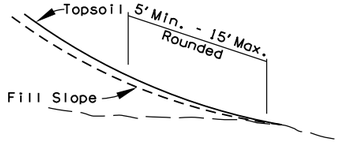
STA. 103+30.00 TO STA. 106+03.81

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

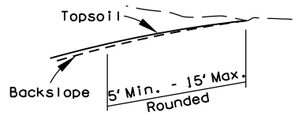
SEGMENT	VARIABLE WIDTH	STATION EXTENTS
C	7'-6" TO 0'-0"	103+30.00 TO 104+05.00
C	0'-0"	104+05.00 TO 106+03.81
D	0'-0" TO 7'-6"	103+30.00 TO 104+05.00
D	7'-6"	104+05.00 TO 106+03.81
E	7'-6"	103+30.00 TO 105+29.00
E	7'-6" TO 0'-0"	105+29.00 TO 106+03.81
F	0'-0"	103+30.00 TO 105+29.00
F	0'-0" TO 8'-11"	105+29.00 TO 106+03.81

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
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THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (KELLY AVENUE) (SHEET 11 OF 15)

STATE JOB NO. 38090(04) SHEET NO. 0013

OKLAHOMA COUNTY

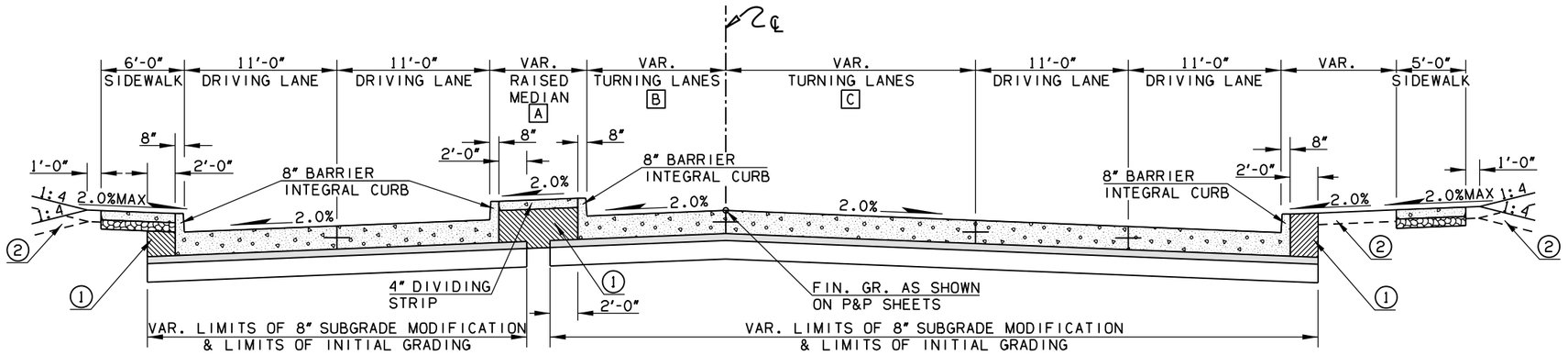
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

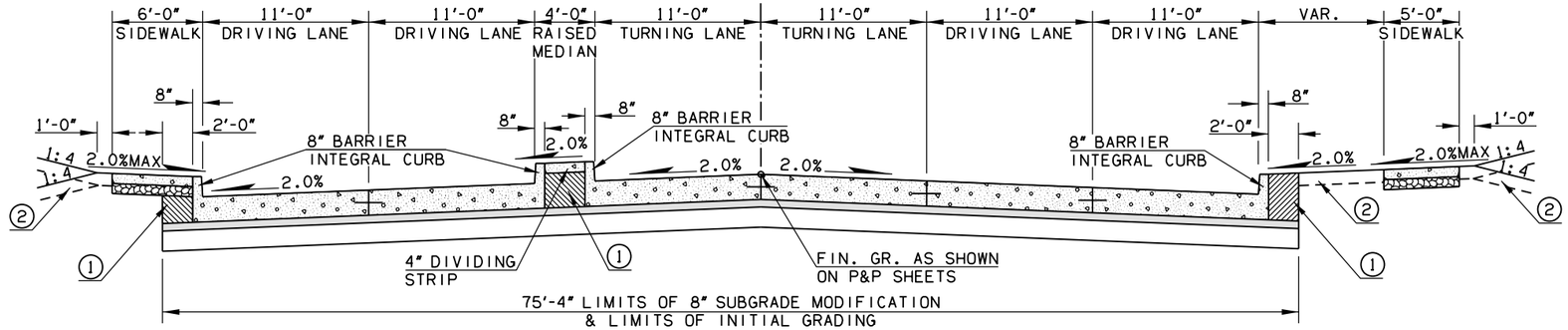


TYPICAL SECTION (22)

KELLY AVENUE
STA. 106+03.81 TO STA. 107+14.00

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	10'-10" TO 4'-0"	106+03.81 TO 107+14.00
B	0'-0" TO 11'-0"	106+03.81 TO 107+14.00
C	8'-11" TO 11'-0"	106+03.81 TO 107+14.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)



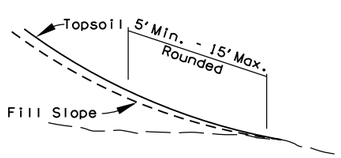
TYPICAL SECTION (23)

KELLY AVENUE
STA. 107+14.00 TO STA. 109+07.00

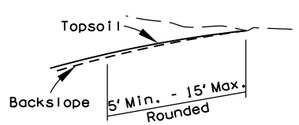
PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (KELLY AVENUE) (SHEET 12 OF 15)

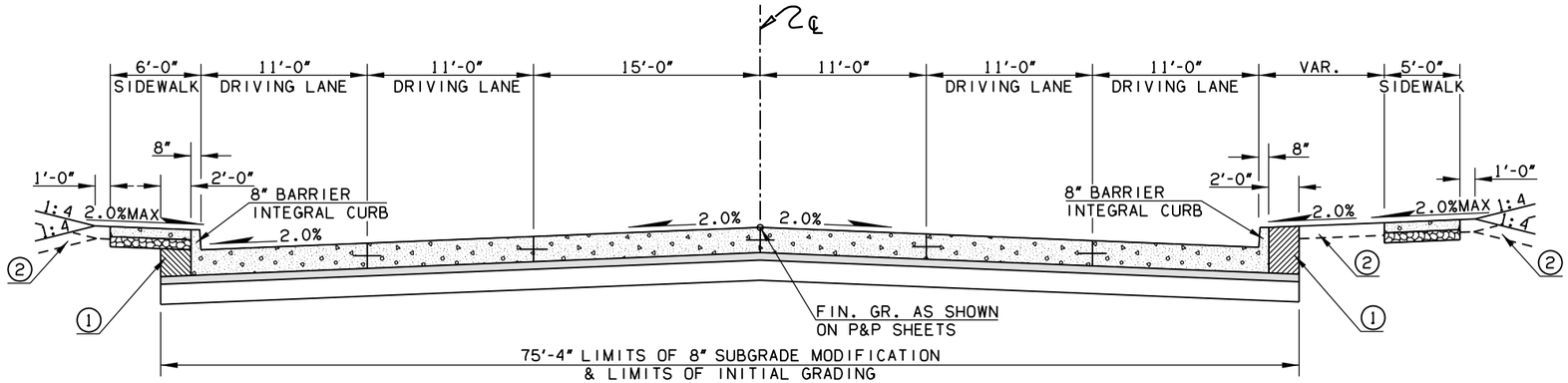
STATE JOB NO. 38090(04) SHEET NO. 0014

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



TYPICAL SECTION (24)

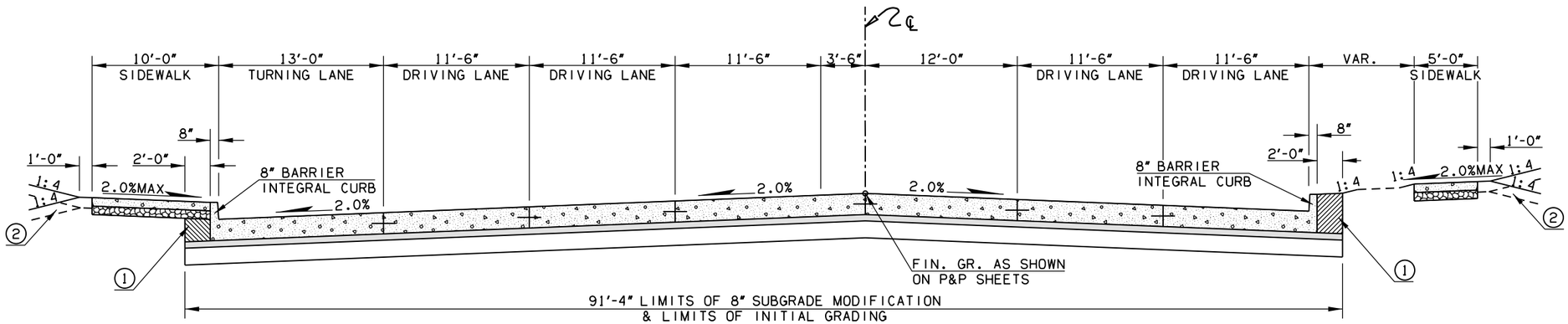
KELLY AVENUE

STA. 109+07.00 TO STA. 109+66.19▲

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

▲ DANFORTH PAVEMENT

STA. 109+66.19 TO STA. 110+53.76



TYPICAL SECTION (25)

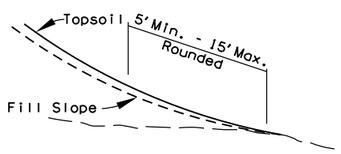
KELLY AVENUE

▲STA. 110+53.76 TO STA. 111+20.00

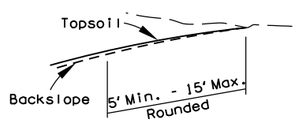
PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

NOTE:
TYPICAL EXCEPTION
STA. 109+66.19 TO STA. 110+53.76

NOTE:
FOR MORE SIDEWALK INFORMATION
SEE SIDEWALK LAYOUT SHEETS

① BACKFILL NOTE:
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② TOPSOIL NOTE:
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DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (KELLY AVENUE) (SHEET 13 OF 15)

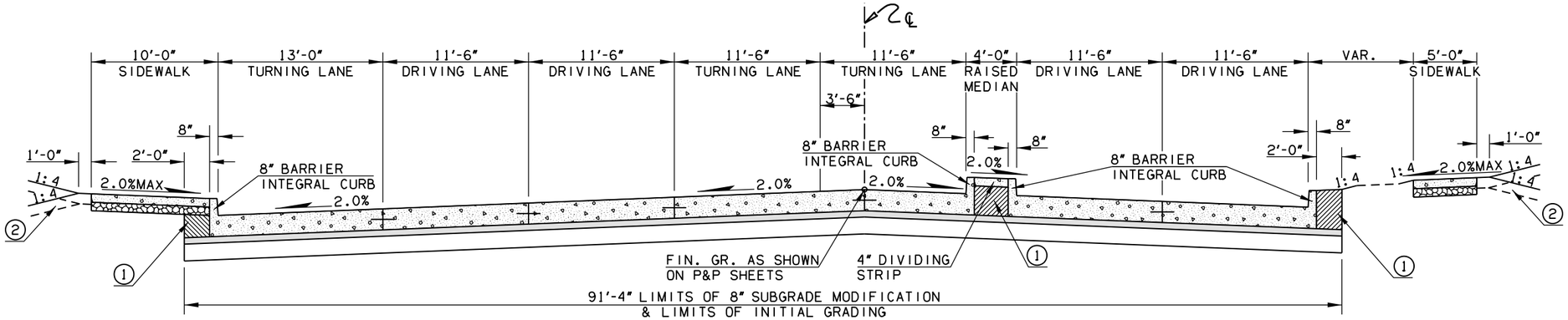
STATE JOB NO. 38090(04) SHEET NO. 0015

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

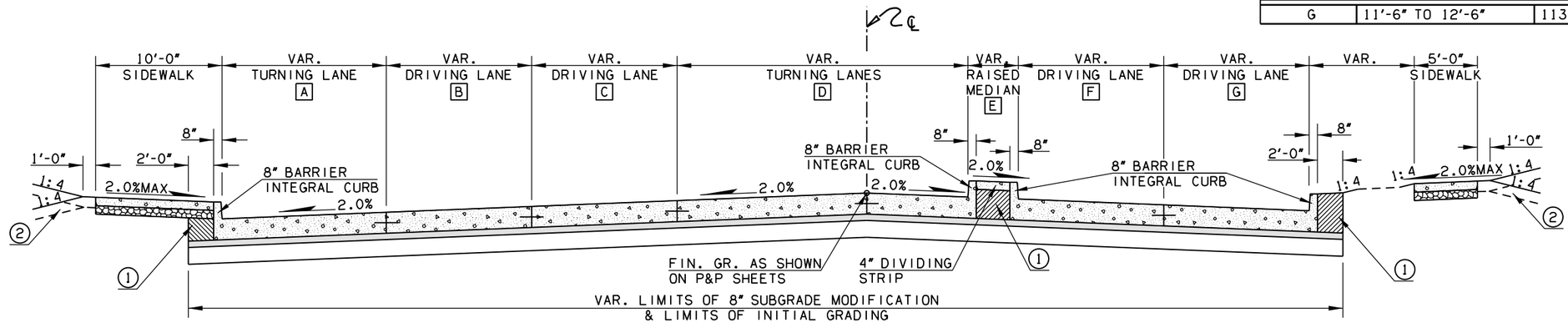


TYPICAL SECTION (26)

KELLY AVENUE
STA. 111+20.00 TO STA. 113+14.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	13'-0" TO 5'-10"	113+14.00 TO 113+95.01
B	11'-6" TO 12'-6"	113+14.00 TO 113+95.01
C	11'-6" TO 12'-6"	113+14.00 TO 113+95.01
D	23'-0" TO 12'-0"	113+14.00 TO 113+95.01
E	4'-0" TO 10'-2"	113+14.00 TO 113+95.01
F	11'-6" TO 12'-6"	113+14.00 TO 113+95.01
G	11'-6" TO 12'-6"	113+14.00 TO 113+95.01



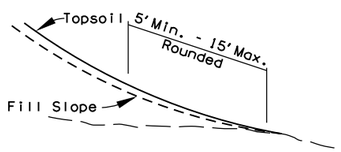
TYPICAL SECTION (27)

KELLY AVENUE
STA. 113+14.00 TO STA. 113+95.01

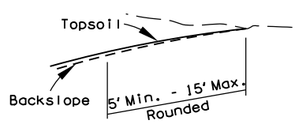
PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (KELLY AVENUE) (SHEET 14 OF 15)

STATE JOB NO. 38090(04) SHEET NO. 0016

OKLAHOMA COUNTY

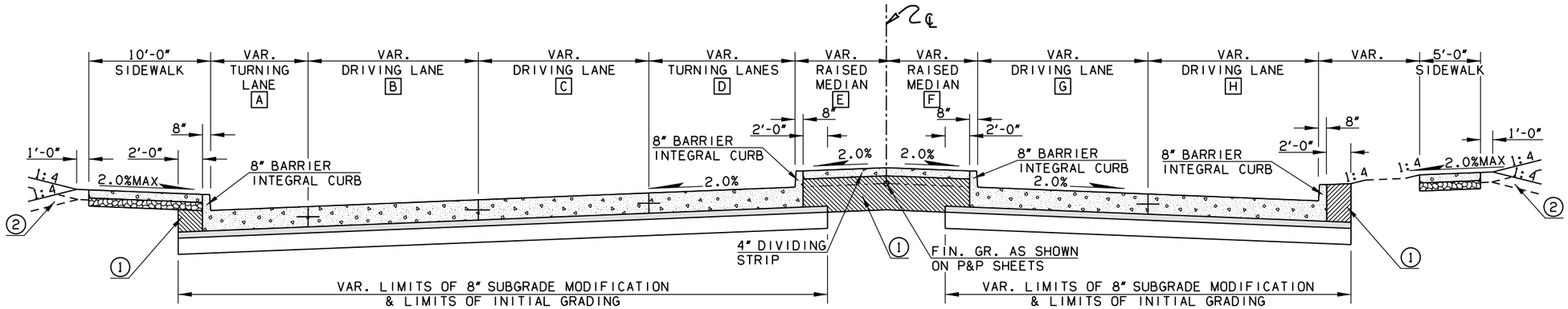
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

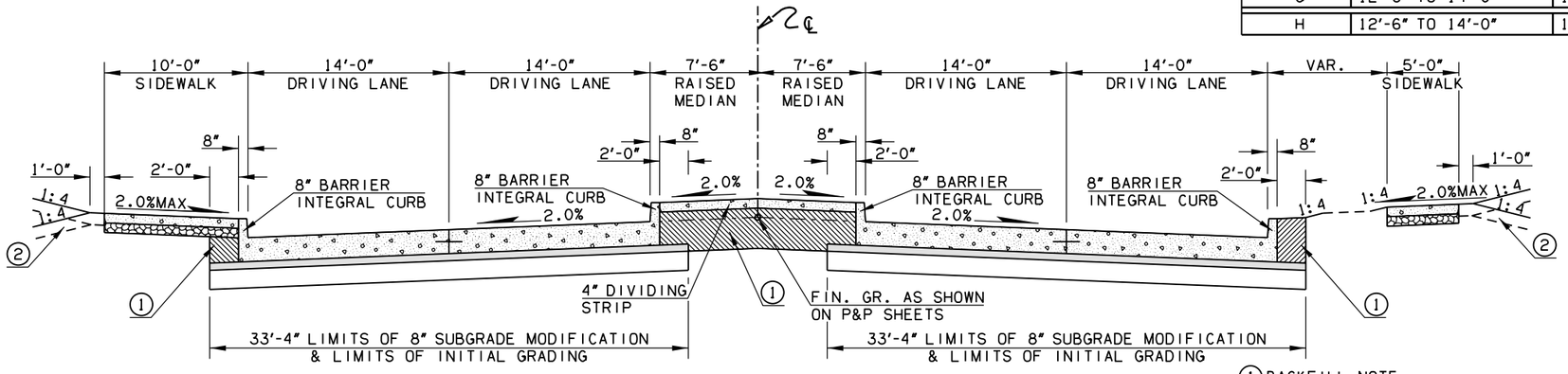


TYPICAL SECTION (28)

KELLY AVENUE
STA. 113+95.01 TO STA. 115+14.00

PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

SEGMENT	VARIABLE WIDTH	STATION EXTENTS
A	5'-10" TO 0'-0"	113+95.01 TO 114+61.00
B	12'-6" TO 14'-0"	113+95.01 TO 115+14.00
C	12'-6" TO 14'-0"	113+95.01 TO 115+14.00
D	12'-6" TO 0'-0"	113+95.01 TO 114+82.80
D	0'-0"	114+82.80 TO 115+14.00
E	0'-0" TO 8'-8"	113+95.01 TO 114+82.80
E	8'-8" TO 7'-6"	114+82.80 TO 115+14.00
F	10'-2" TO 7'-6"	113+95.01 TO 115+14.00
G	12'-6" TO 14'-0"	113+95.01 TO 115+14.00
H	12'-6" TO 14'-0"	113+95.01 TO 115+14.00



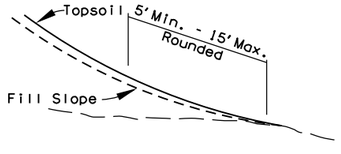
TYPICAL SECTION (29)

KELLY AVENUE
STA. 115+14.00 TO STA. 116+26.28

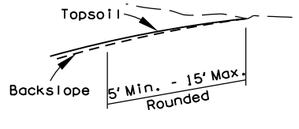
PC CONCRETE REQUIREMENT		
13" PAVT. STRUCTURE	DRIVING LANES	SIDEWALK
SURFACE COURSE	10.0" DOWEL JOINTED PC CONCRETE	4.0" PC CONCRETE
BASE COURSES	3.0" SUPERPAVE TYPE S3 (PG 64-22 OK)	4.0" T.B.S.C.(TYPE E)

ROUNDING DETAIL

Intersection Of Cut And/Or Fill Slopes With Ground Line To Be Rounded As Part Of Finishing Operations. Rounding Shall Be 5' Minimum For Smaller Cuts And Fills To 15' Maximum For Larger Cuts And Fills Or As Designated By The Engineer. Cost Of Rounding To Be Included In Price Bid For Other Items Of Work.



TOE OF FILL ROUNDING



TOP OF CUT ROUNDING

(1) BACKFILL NOTE:
THIS AREA TO BE BACKFILLED AND COMPACTED AS PART OF THE FINISHING OPERATIONS. QUANTITY IS MEASURED IN UNCLASSIFIED BORROW.

(2) TOPSOIL NOTE:
THE CONTRACTOR SHALL STRIP ALL OF THE AVAILABLE TOPSOIL, STOCKPILE IT, AND PLACE IT BACK ON THE SECTION IN ACCORDANCE WITH SECTION 205 OF THE STANDARD SPECIFICATIONS. RESERVED TOPSOIL SHALL BE SPREAD FIRST ON THE COMPLETED SLOPES OF THE CUT SECTIONS AND THE REMAINDER ON COMPLETED FILL SLOPES OR OTHER PRIORITY AREAS LOCATED BY THE ENGINEER. ALL ADDITIONAL COSTS ASSOCIATED WITH OPERATION SHALL BE INCLUDED IN THE PAY ITEM FOR SALVAGED TOPSOIL, LUMP SUM.

THE GRADING LINE AS SHOWN ON THE TYPICAL AND CROSS SECTIONS IS TO THE TOP OF THE TOPSOIL. EARTHWORK QUANTITIES WERE NOT ADJUSTED FOR SALVAGE AND THE TOPSOIL.

NOTE:
FOR MORE SIDEWALK INFORMATION SEE SIDEWALK LAYOUT SHEETS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TYPICAL SECTIONS (KELLY AVENUE) (SHEET 15 OF 15)

STATE JOB NO. 38090(04) SHEET NO. 0017

OKLAHOMA COUNTY

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REVISIONS		
REV. NO.	DESCRIPTION	DATE

ENVIRONMENTAL MITIGATION NOTES

EARTHWORK NOTE:
THE CONTRACTOR MUST ENSURE THAT ANY MATERIAL INCORPORATED INTO THE PROJECT IS FREE OF ANY HAZARDOUS, INDUSTRIAL OR CONTAMINATED WASTE, REFER TO SUB-SECTIONS 106.01 AND 202.02 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

IMPORTED MATERIAL (EG. BORROW) - IF MATERIAL IS IMPORTED TO THE PROJECT AND AT ANY POINT THE MATERIAL IS DETERMINED BY THE ENGINEER TO INCLUDE ANY TYPE OF UNACCEPTABLE CONTAMINATION, THE MATERIAL MAY REQUIRE REMOVAL, IN WHOLE, OR IN PART. IF REMOVAL IS REQUIRED, THEN THE INITIAL PLACEMENT, REMOVAL AND PROPER DISPOSAL OF THIS MATERIAL SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE DISPOSAL OF THE UNACCEPTABLE MATERIAL SHALL BE APPROVED BY THE ENGINEER, REFER TO SUB-SECTION 107.15 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

TO ASSIST THE CONTRACTOR, THE "OFF PROJECT FACILITY/BORROW SITE HAZARDOUS MATERIALS QUESTIONNAIRE" IS PROVIDED ON THE DEPARTMENT'S WEB SITE:

https://oklahoma.gov/content/dam/ok/en/odot/documents/ok-gov-docs/programs-and-projects/environmental/hazard-questionnaire-2016.pdf

THIS QUESTIONNAIRE IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR SO THAT A CLEARER UNDERSTANDING OF THE CHARACTERISTICS OF THE PROPOSED SITE/ MATERIAL IS ACHIEVED. COMPLETION AND SUBMITTAL OF THIS FORM TO THE ENGINEER DOES NOT EXCUSE THE CONTRACTOR FROM PROVIDING MATERIALS THAT ARE FREE OF HAZARDOUS AND INDUSTRIAL COMPOSITION IN ACCORDANCE WITH SUB-SECTIONS 106.01 AND 202.02 OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

NON-COMPLIANCE NOTE:
FAILURE TO IMPLEMENT THE COMMITMENTS SPECIFIED IN THE PLAN NOTES CAN RESULT IN NON-COMPLIANCE ISSUES ON THE PROJECT. WORK ACTIVITIES MAY BE SUSPENDED ON THE PROJECT, FOR AN UNDETERMINED DURATION, WHILE WORKING WITH REGULATORS TO BRING THE PROJECT BACK INTO COMPLIANCE. THE CONTRACTOR WILL NOT BE COMPENSATED FOR TIME LOST.

WATER QUALITY CONSERVATION NOTE:
APPROPRIATE BEST MANAGEMENT PRACTICES TO MINIMIZE IMPACTS FROM STORM WATER DISCHARGES AND SEDIMENTATION IN STREAMS, AS ESTABLISHED BY THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY, SHALL BE CONSCIENTIOUSLY IMPLEMENTED THROUGHOUT THE PROPOSED CONSTRUCTION PERIODS, IN ORDER TO MINIMIZE ANY POTENTIAL IMPACTS TO ANY LISTED SPECIES. THE EFFECTIVENESS OF EROSION CONTROLS SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION ACTIVITIES. HAZARDOUS MATERIALS, CHEMICALS, FUELS, LUBRICATING OILS, AND OTHER SUCH SUBSTANCES SHALL BE STORED AT LEAST 100 FEET OUTSIDE OF THE ORDINARY HIGH WATER MARK (OHWM). REFUELING OF CONSTRUCTION EQUIPMENT SHALL ALSO BE CONDUCTED AT LEAST 100 FEET FROM THE OHWMS. SEDIMENT AND EROSION CONTROLS SHALL BE INSTALLED AROUND STAGING AREAS TO PROHIBIT DISCHARGE OF MATERIALS FROM THESE SITES. CONSTRUCTION WASTE MATERIALS AND DEBRIS SHALL BE STOCKPILED AT LEAST 25 FEET OUTSIDE OF THE OHWMS, AND THESE MATERIALS SHALL BE REMOVED AND DISPOSED OF PROPERLY FOLLOWING COMPLETION OF THE PROJECT. PREVENTATIVE MEASURE MUST BE TAKEN TO PROHIBIT THE DISCHARGE OF CONTAMINANTS INTO ANY SURFACE WATERS.

MIGRATORY BIRD NOTE:
MIGRATORY BIRDS ARE PROTECTED BY THE FEDERAL MIGRATORY BIRD TREATY ACT. MANY BIRDS COMMONLY USE BRIDGES AND CULVERTS FOR NESTING. THE NESTING SEASON FOR MOST BIRD SPECIES EXTENDS FROM MARCH 1 TO AUGUST 31. THE PROJECT WAS SURVEYED FOR MIGRATORY BIRD NESTS IN OCTOBER 2024. ALTHOUGH NO NESTS WERE OBSERVED, THE SURVEY IS VALID ONLY UNTIL THE START OF THE 2025 NESTING SEASON (BEGINNING MARCH 1). THE RESIDENT ENGINEER SHALL CONTACT THE ODOT BIOLOGIST IF ANY BIRD USE OF THE EXISTING STRUCTURES IS OBSERVED. IF BIRDS ARE OBSERVED THEN PAINTING, REPAIR, RETROFIT, REHABILITATION OR DEMOLITION OF THE EXISTING CULVERTS SHALL BE CONDUCTED BETWEEN SEPTEMBER 1, AND FEBRUARY 28, WHEN MIGRATORY BIRD NESTS ARE NOT OCCUPIED. THE CULVERTS MAY BE PROTECTED FROM NEW NEST ESTABLISHMENT PRIOR TO MARCH 1, BY MEANS THAT DO NOT RESULT IN BIRD DEATH OR INJURY. OPTIONS INCLUDE THE EXCLUSION OF ADULT BIRDS FROM SUITABLE NEST SITES ON OR WITHIN A STRUCTURE BY THE PLACEMENT OF WEATHER-RESISTANT POLYPROPYLENE NETTING WITH 0.25-INCH OR SMALLER OPENINGS, PRIOR TO MARCH 1. METHODS OTHER THAN NETTING MUST BE PRE-APPROVED BY THE ODOT BIOLOGIST.

ENVIRONMENTAL MITIGATION NOTES

ENVIRONMENTAL NOTES

DETAIL
REVIEW
APPROVED
ENVIRONMENTAL DIVISION

STATE OF OKLAHOMA | DEPARTMENT OF TRANSPORTATION

JOB PIECE NO. 38090(04) | SHEET NO. AE01

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE
⚠ UPDATED PAY ITEM	5/5/2025

PAY QUANTITY NOTES

(R-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY ONLY. SEE SECTION 109.01B OF THE STANDARD SPECIFICATIONS.

(R-3) INCLUDES 500.00 CU. YDS. FOR DRIVEWAYS, RETURNS, DIKES, AND MISCELLANEOUS EARTHWORK.

(R-4) AN ESTIMATED QUANTITY OF 2,310 C.Y. TOPSOIL TO BE RESERVED FOR REPLACEMENT OF APPROXIMATELY 5" ON COMPLETED FORESLOPES, DITCHES, AND BACKSLOPES. THIS QUANTITY IS INCLUDED IN THE EARTHWORK BALANCE. ANY ADDITIONAL EXCAVATION REQUIRED IN CUT SECTIONS TO ALLOW FOR PLACEMENT OF TOPSOIL TO FINAL GRADE, SHALL BE INCLUDED IN THE PRICE BID.

(R-6) FOR TYPE -A- SALVAGED TOPSOIL PRICE BID TO INCLUDE COST OF 18-46-0 FERTILIZER, ESTIMATED AT 150 POUNDS PER ACRE.
FOR SOLID SLAB SODDING PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER, ESTIMATED AT 200 POUNDS PER 1,000 SY.

(R-7) FOR SOLID SLAB SODDING PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 40 GALLONS PER SY.

(R-8) PRICE BID TO INCLUDE COST OF ALL NECESSARY MAINTENANCE, MAINTAINING DEVICE IN PROPER UPRIGHT POSTION, REMOVAL OF DEVICE, AND REMOVAL OF SEDIMENT WHEN IT REACHES HALF THE HEIGHT OF THE DEVICE.

(R-11) THE QUANTITIES ESTIMATED FOR TEMPORARY EROSION AND SEDIMENT CONTROL IS 1.64 ACRES.

(R-15) QUANTITY BASED ON TWO APPLICATIONS.

(R-19) PRICE BID TO INCLUDE THE CHEMICAL ADDITIVE(S) TO ACHIEVE THE RATE SPECIFIED FOR THE APPROPRIATE SOIL CLASSIFICATION AS SPECIFIED IN THE MOST CURRENT ODOT MATERIALS DIVISION OHD L-50. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CLASSIFY THE SOIL AND DETERMINE THE APPROPRIATE ADDITIVE(S)

(R-20) ESTIMATED AT 120 LBS. PER CU. FT.

(R-26) ESTIMATED AT 112 LBS. PER SQ. YD. PER 1" THICK.

(R-33) QUANTITY INCLUDES AN ESTIMATED 50 C.Y. TO BE USED AS DIRECTED BY THE ENGINEER.

(R-34) PRICE BID TO INCLUDE COST OF 0 - 4" MOUNTABLE CURB HOODS, 0 - 6" MOUNTABLE CURB HOODS, 0 - 6" BARRIER CURB HOODS, 162 - 8" BARRIER CURB HOODS.

(R-35) THE PRECAST CONCRETE OPTION MAY BE USED INSTEAD, PER DIRECTION OF THE ENGINEER.

(R-39) INCLUDES REMOVAL OF ALL EXISTING ROADWAY DRAINAGE STRUCTURES, HEADWALLS (UNLESS OTHERWISE SPECIFIED), INLETS, FENCES, AND OTHER STRUCTURES WITHIN THE RIGHT OF WAY.

(R-40) TO BECOME THE PROPERTY OF AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER.

(R-41) MATERIALS REMOVED SHALL NOT BE MEASURED FOR PAYMENT UNDER SECTION 202.06 UNCLASSIFIED EXCAVATION.

1 PRICE BID FOR CLEARING AND GRUBBING SHALL INCLUDE THE REMOVAL OF TREES, VEGETATIVE DEBRIS, AND ANY OTHER ORGANIC ITEMS NOT SPECIFICALLY PAID FOR AS REMOVAL ITEMS.

2 TOPSOIL SHALL BE ROLLED SMOOTH TO THE SATISFACTION OF THE CITY OF EDMOND PRIOR TO PLACEMENT OF SOD

3 INCLUDED IN THIS PAY ITEM IS AN ADDITIONAL 500.00 S.Y. TO BE USED AS DIRECTED BY THE ENGINEER.

4 PRICE BID SHALL ALSO INCLUDE, BUT IS NOT LIMITED TO, THE REMOVAL OF CONCRETE DITCH LINER, CONCRETE FLUMES, STRUCTURES, STORM SEWERS, PIPELINES, PAVEMENT MARKINGS, FENCING, FOOTINGS, POLES, OVERHEAD AND CANTILEVER SIGN STRUCTURES, GROUND MOUNTED SIGN STRUCTURES AND SHEET METAL SIGNS TO BE PERMANENTLY REMOVED AND ANY OTHER NON-ORGANIC ITEM NOT SPECIFICALLY VERIFIED AS TO THE EXISTING CONDITION AND POSSIBLE NON-STANDARD REMOVAL OPERATIONS THAT MAY BE REQUIRED.

PAY QUANTITIES

0100 ROADWAY — JP 38090(04) ⚠

ITEM NO.		DESCRIPTION		UNIT	QUANTITY
201(A)	1200	CLEARING AND GRUBBING	(1)	LSUM	1.00
202(A)	2200	UNCLASSIFIED EXCAVATION		CY	9,703.00
202(D)	2500	UNCLASSIFIED BORROW	(R-3)	CY	1,973.00
205(A)	6200	TYPE A-SALVAGED TOPSOIL	(2)(R-4)(R-6)	LSUM	1.00
221(B)	2300	TEMPORARY SILT FENCE	(R-8)	LF	2,207.00
221(F)	2710	TEMPORARY ROCK FILTER DAM TYPE 2	(R-8)	CY	3.60
221(H)	2900	(PL)TEMPORARY INLET SEDIMENT FILTER	(R-8)	EA	178.00
230(A)	7200	SOLID SLAB SODDING	(3)(R-6)(R-7)	SY	8,435.00
233(A)	0200	VEGETATIVE MULCHING	(R-11)	AC	1.64
241	3100	MOWING	(R-15)	AC	3.28
307(K)	4200	STABILIZED SUBGRADE	(R-19)	SY	37,993.00
402(E)	2600	TRAFFIC BOUND SURFACE COURSE TYPE E	(R-20)	TON	1,137.00
411(B)	1330	SUPERPAVE, TYPE S3 (PG 64-22 OK)	(R-26)	TON	6,383.00
414(A)	5200	P.C. CONCRETE PAVEMENT(PLACEMENT)	(R-1)	SY	840.00
414(B)	5300	DOWEL JOINTED P.C.C. PAVT.(PLACEMENT)	(R-1)	SY	34,035.00
414(G)	5800	P.C. CONCRETE FOR PAVEMENT	(R-1)	CY	9,688.00
509(C)	0400	CLASS A CONCRETE, SMALL STRUCTURES		CY	3.00
509(D)	0500	CLASS C CONCRETE	(R-33)	CY	56.00
609(A)	4270	CONCRETE CURB (8" BARRIER-INTEGRAL)		LF	15,217.00
610(A)	5200	4" CONCRETE SIDEWALK		SY	6,477.00
610(B)	5300	6" CONCRETE DRIVEWAY (H.E.S.)		SY	2,929.00
610(C)	5400	4" CONCRETE DIVIDING STRIP		SY	1,705.00
610(I)	6000	TACTILE WARNING DEVICE-NEW		SF	581.00
⚠ 611(A)	7210	MANHOLE (4' DIAMETER)	(R-35)	EA	5.00
⚠ 611(A)	7215	MANHOLE (5' DIAMETER)	(R-35)	EA	1.00
611(G)	0172	INLET W/LRG. JCT. BOX, CI, DES. 3	(R-34)(R-35)	EA	14.00
611(G)	0176	INLET W/LRG. JCT. BOX, CI, DES. 3(B)	(R-34)(R-35)	EA	2.00
611(G)	0180	INLET W/LRG. JCT. BOX, CI, DES. 3(D)	(R-34)(R-35)	EA	1.00
611(G)	7754	INLET CI DES. 2 (STD)	(R-34)(R-35)	EA	4.00
611(G)	7758	INLET CI DES. 2 (B)	(R-34)(R-35)	EA	1.00
611(G)	7766	INLET CI DES. 2 (D)	(R-34)(R-35)	EA	1.00
611(G)	7786	INLET CI DES. 3 (STD)	(R-34)(R-35)	EA	18.00
611(G)	7794	INLET CI DES. 3 (D)	(R-34)(R-35)	EA	1.00
611(L)	1600	JUNCTION BOXES		CF	76.00
613(A)	5208	18" R.C. PIPE CLASS III		LF	4,464.00
613(A)	5216	24" R.C. PIPE CLASS III		LF	154.00
613(A)	5220	30" R.C. PIPE CLASS III		LF	85.00
613(A)	5358	28"X18" R.C. PIPE ARCH CLASS A-III		LF	760.00
613(A)	5366	36"X22" R.C. PIPE ARCH CLASS A-III		LF	267.00
613(L)	6708	18" PREFAB. CULVERT END SEC., ROUND		EA	1.00
613(L)	6716	24" PREFAB. CULVERT END SEC., ROUND		EA	1.00
613(M)	6984	TYPE BB4 CULVERT END TREATMENT		EA	2.00
619(A)	6200	REMOVAL OF STRUCTURES & OBSTRUCTIONS	(4)(R-39)(R-40)	LSUM	1.00
619(B)	6356	REMOVAL OF CURB AND GUTTER	(R-40)(R-41)	LF	8,490.00
619(B)	6360	REMOVAL OF CONCRETE PAVEMENT	(R-40)(R-41)	SY	6,128.00
619(B)	6364	REMOVAL OF ASPHALT PAVEMENT	(R-40)(R-41)	SY	20,064.00
619(B)	6380	REMOVAL OF CONCRETE DRIVEWAY	(R-40)(R-41)	SY	4,122.00
619(B)	6384	REMOVAL OF ASPHALT DRIVEWAY	(R-40)(R-41)	SY	1,715.00
619(B)	6404	REMOVAL OF SIDEWALK	(R-40)(R-41)	SY	5,299.00
619(C)	6600	SAWING PAVEMENT		LF	1,908.00
629(D)	7500	REMOVE AND RESET MAILBOX		EA	1.00

PAY QUANTITIES

0600 STAKING — JP 38090(04) ⚠

ITEM NO.		DESCRIPTION	UNIT	QUANTITY
642(B)	3300	CONSTRUCTION STAKING LEVEL II	LSUM	1

PAY QUANTITIES

0640 CONSTRUCTION — JP 24041(06)

ITEM NO.		DESCRIPTION	UNIT	QUANTITY
220	1100	SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1
641	2110	MOBILIZATION	LSUM	1

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SUMMARY OF PAY QUANTITIES AND NOTES–ROADWAY

STATE JOB NO. 38090(04) SHEET NO. AR01

OKLAHOMA COUNTY

5/5/2025 5:34:00 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

GENERAL CONSTRUCTION NOTES

IN ACCORDANCE WITH THE OKLAHOMA UNDERGROUND FACILITIES DAMAGE PREVENTION ACT THE CONTRACTOR SHALL NOTIFY THE OKLAHOMA ONE-CALL SYSTEM, INC. 48 HOURS PRIOR TO BEGINNING EXCAVATION. OKLAHOMA ONE-CALL SYSTEM, INC. "CALL OKIE" 1-800-522-6543 OR 811.

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

MAINTENANCE OF THROUGH TRAFFIC INCLUDES THE MAINTENANCE OF THE EXISTING ROAD IN CLOSE PROXIMITY TO THE NEW CONSTRUCTION AS SHOWN ON THE PLANS.

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING SECTION LINE ROADS TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

FOR PROJECTS THAT INCLUDE WIDENING AND/OR RESURFACING, THE CONTRACTOR SHALL SCHEDULE OPERATIONS TO MINIMIZE POTENTIAL DROP-OFF HAZARDS AND SHALL SUBMIT A SEQUENCE OF CONSTRUCTION OPERATIONS TO THE RESIDENT ENGINEER FOR APPROVAL BEFORE OPERATIONS BEGIN. ANY PORTION OF THE CONSTRUCTION OPERATIONS, SUCH AS SUPERPAVE LAYING OPERATIONS, EXCAVATION FOR PAVEMENT WIDENING, OR EXTENSION OF ROADWAY STRUCTURES, SHALL BE LIMITED TO ONE SIDE AT A TIME, AND THE PROCEDURES OUTLINED IN THE PAVEMENT DROP-OFF TREATMENT STANDARD PDT-1 (LATEST REVISION) SHALL BE IMPLEMENTED. ONLY THAT AMOUNT OF OPEN TRENCH WILL BE ALLOWED THAT CAN BE SURFACED IN 1 (ONE) DAY'S TIME WITHOUT APPROVAL BY THE ENGINEER. LIGHTS, SIGNS AND BARRICADES SHALL BE MOVED AS WORK PROGRESSES.

ALL TREES, BRUSH, AND OTHER DEBRIS THAT MIGHT INTERFERE WITH THE FLOW OF WATER SHALL BE CLEANED OUT TO THE RIGHT-OF-WAY LINE, AT EACH STRUCTURE AND BRIDGE, IN A MANNER APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

ALL FLOWLINES THAT ARE TO BE FILLED SHALL BE THOROUGHLY TAMPED BEFORE CONSTRUCTION OR EXTENSION OF DRAINAGE STRUCTURES. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

IN ORDER TO ALLEVIATE DUST CONDITIONS DURING GRADING OPERATIONS AND BEFORE PAVEMENT WORK IS COMPLETED, THE CONTRACTOR SHALL SPRINKLE GRADING AT INTERVALS APPROVED BY THE ENGINEER. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

THE CONTRACTOR SHALL NOT WASTE ANY EXCESS EXCAVATION UNTIL ALL PLANNED EMBANKMENTS AND BACKFILLS ARE COMPLETED. EXCESS UNCLASSIFIED EXCAVATION MATERIAL DETERMINED BY THE ENGINEER TO BE SUITABLE FOR BACKFILL SHALL BE USED TO REDUCE ANY UNCLASSIFIED BORROW NEEDED. COST OF SECOND HANDLING SHALL BE INCLUDED IN OTHER ITEMS OF WORK. ANY REMAINING EXCESS EXCAVATION SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND BE DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.

THE CONTRACTOR SHALL KEEP THE OPEN TRENCH DRAINED. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

VEGETATIVE MULCHING: THE VEGETATIVE MULCH SHALL BE ANCHORED IN ACCORDANCE WITH THE "MULCHING-TILLER METHOD", AS SPECIFIED IN 233.04B(2) OF THE STANDARD SPECIFICATIONS.

AT THE BEGINNING OF TURFING OPERATIONS, ANY AREAS INCLUDED IN PLANNED QUANTITIES THAT HAVE GROWN A SATISFACTORY VOLUNTEER TURF OF PERENNIAL GRASS, AS DETERMINED BY THE ENGINEER, SHALL BE FERTILIZED AND WATERED AS CALLED FOR ON THE PLANS, BUT SHALL NOT BE SEEDED, SODDED, OR SPRIGGED.

THE CONTRACTOR SHALL REMOVE AND RESET MAILBOXES AS NECESSARY. MAILBOXES ARE TO BE MAINTAINED IN AN UPRIGHT POSITION AND ACCESSIBLE TO MAIL CARRIER'S CAR DURING CONSTRUCTION. ANY DAMAGE TO BOXES OR SUPPORTS SHALL BE REPAIRED BY THE CONTRACTOR. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

SURFACING OF RETURNS, UNLESS OTHERWISE SHOWN ON THE PLANS, SHALL BE OF THE SAME MATERIAL (BASE AND SURFACE) AS THAT OF THE ABUTTING SHOULDER OF THE MAINLINE. BASE AND SURFACE THICKNESS SHALL BE THE THICKNESS SHOWN ON PLANS.

ONLY THE SILICONE SEALANT OPTIONS, FROM STANDARD LECS-5, WILL BE ALLOWED ON THIS PROJECT.

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

GENERAL CONSTRUCTION NOTES CONT.

ALL FEATURES OF THIS PROJECT INCLUDING, BUT NOT LIMITED TO, PATHS, SIDEWALKS, CURB RAMPS, AND CROSSWALK MARKINGS WILL COMPLY WITH PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG), PUBLISHED JULY 26, 2011. WHERE SPECIAL LIMITATIONS OF EXISTING FEATURES WITHIN THE LIMITS OF THE PROJECT PREVENT FULL COMPLIANCE WITH PROWAG, THE CONTRACTOR WILL IMMEDIATELY NOTIFY THE ENGINEER UPON DISCOVERY OF SUCH FEATURES. THE CONTRACTOR WILL NOT PROCEED WITH ANY OF THE WORK WHICH IS NOT IN FULL COMPLIANCE WITH PROWAG WITHOUT PRIOP WRITTEN APPROVAL FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THE GUDELINES OF PROWAG FOR WHICH THE CONTRACTOR DOES NOT HAVE WRITTEN APPROVAL WILL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.

THE CROSS SLOPE FOR PATHS, SIDEWALKS, AND RAMPS WITHIN THE LIMITS OF AN ACCESSIBLE ROUTE WILL NOT EXCEED 1:50 OR 2%.

RAMP SLOPES WILL NOT EXCEED 1:12 OR 8.33%.

THE CONTINUOUS PATH'S CROSS SLOPE WILL NOT EXCEED 2% THROUGH DRIVEWAYS. SEE DRIVEWAY DETAIL ON O.D.O.T. STANDARD DRAWING WCR-3 AND /OR SPECIAL DRIVEWAY DETAILS.

SIDEWALK AND RAMP LOCATIONS HAVE BEEN DEPICTED WITHOUT KNOWLEDGE OF ULTIMATE UTILITY STRUCTURES LOCATIONS. LOCATIONS WILL BE ADJUSTED TO AVOID ABOVE GRADE UTILITY STRUCTURES SUCH AS UTILITY POLES, RISERS, GUY ANCHORS, AND OTHER ABOVE GRADE APPURTENANCES. NO SUCH STRUCTURES WILL BE ALLOWED WITHIN THE "PEDESTRIAN ACCESS ROUTE" AS DEFINED BY PROWAG.

CONSTRUCTION NOTES

NO PAYMENT WILL BE MADE FOR THE REMOVAL OF ABANDONED UTILITY PIPE LINES THAT INTERFERE WITH CONSTRUCTION. ALL COST TO BE INCLUDED IN OTHER ITEMS.

ANY AREA WITHIN THE PROJECT LIMITS DISTURBED BY THE CONTRACTORS CONSTRUCTION ACTIVITIES NOT SPECIFICALLY SHOWN ON THE PLANS I.E. (STAGING AREA, STORAGE AREAS, HAUL ROADS, ETC.) SHALL BE RESTORED TO ORIGINAL CONDITION AS DIRECTED BY THE ENGINEER. ALL COST TO BE INCLUDED IN OTHER ITEMS.

(CAUTION) THE LOCATION OF ALL UTILITIES AS SHOWN ARE APPROXIMATE. DUE TO RELOCATION'S PLANNED OR PRESENTLY UNDER CONSTRUCTION THERE ARE SOME UTILITIES THAT WILL BE RELOCATED AND NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO ALL UTILITIES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE HE MAY INFLICT TO THE EXISTING UNDERGROUND UTILITES WITHIN THE PROJECT AREA AS A RESULT OF HIS DIGGIN, TRENCHING, BORING, ETC. PRIOR TO DIGGING NEAR THE UTILITES, THE CONTRACTOR SHALL CALL FOR A LIST OF ALL UNDERGROUND FACILITIES REGISTERED IN THE AREA OF CONSTRUCTION LISTED WITH THE FOLLOWING AGENCIES:

THE "OKIE" NOTIFICATION CENTER 1-800-522-6543 OR 811

THE OWNERS OF UTILITIES LOCATED WITHIN THE LIMITS OF THIS PROJECT AREA:

AT&T	(405) 291-5545
CENTURY LINK	(918) 3409161
COX COMMUNICATIONS	(405) 417-4064
DCP MIDSTREAM	(405) 834-4873
OG&E	(405) 553-5785

ALL EXISTING MANHOLES, VALVES, FIRE HYDRANTS AND METERS, WHICH ARE NOT BEING RELOCATED OR REMOVED, SHALL BE RESET TO PROPOSED CONDITIONS. ALL ITEMS THAT ARE TO BE REMOVED AND/OR RESET SHALL BE HANDLED WITH CARE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE OCCURRING DURING THESE OPERATIONS. ALL COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

DEPTH & LOCATION OF EXISTING UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SUMMARY OF PAY QUANTITIES AND NOTES–ROADWAY

STATE JOB NO. 38090(04) SHEET NO. AR02

OKLAHOMA COUNTY

4/4/2025 4:18:20 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

SUMMARY OF STORM SEWERS AND DRAINAGE STRUCTURES

STR NO.	STATION	OFFSET	DESCRIPTION	DESIGN	CLASS A CONCRETE, SMALL STRUCTURES	MANHOLE		ADD'L. DEPTH IN MANHOLE			INLET CI DES.					ADD'L DEPTH IN INLET					INLET W/ LRG. JCT. BOX CI DES.			ADD'L DEPTH IN INLET W/ LRG. JCT. BOX CI DES.			INLET FRAME & GRATE (1)		CAST IRON HOODS (1)	JUNCTION BOXES	REINFORCED CONCRETE PIPE CLASS III			R.C. PIPE ARCH CLASS III		PREFAB. CULVERT END SEC., ROUND		CULVERT END TREATMENT	STANDARD BEDDING MATERIAL, B	STANDARD BEDDING MATERIAL, C	TRENCH EXCAVATION
						611(A)		(1)			611(G)					(1)					611(G)			(1)			TYPE		8"		613(A)			613(A)		613(L)		613(M)			
					509(C)	4'	5'	4'	5'	6'	2(STD.)	2(B)	2(D)	3(STD.)	3(D)	2(STD.)	2(B)	2(D)	3(STD.)	3(D)	3(STD.)	3(B)	3(D)	3(STD.)	3(B)	3(D)	B	C	BAR	611(L)	18"	24"	30"	28" X 18"	36" X 22"	18"	24"	BB4	(1)	(1)	(1)
					CY	EA	EA	VF	VF	VF	EA	EA	EA	EA	EA	VF	VF	VF	VF	VF	EA	EA	EA	VF	VF	VF	EA	EA	EA	CF	LF	LF	LF	LF	LF	EA	EA	EA	CY	CY	CY
D1	17+17.25	39.3' LT	CONST. 5.0' X 5.0' JUNCTION BOX ON EXIST PIPE	MFC-5, MJB-4	2.11																								75.3												
D2	18+00.00	25.98' RT	CONST. INLET CI DES (3STD) w/ 18" X 46.6' LG RCP TO STR D3	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					0.55						2	2	4		46.6									12.8		19.1
D3	18+00.00	23.36' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			0.74			2	2	4					79.4					29.7	71.2
			w/ 28"x18" x 79.4' LG RCPA TO STR D1	MFC-5, MJB-4																																					
D4	22+50.00	23.0' RT	CONST. INLET CI DES 3(STD) w/ 18" x 52.9' LG RCP TO STR D5	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										4					1.65						2	2	4		52.9									14.5		21.7
D5	22+50.00	3283' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			1.73			2	2	4					225.8					84.3	217.3
			w/ 28"x18" x 225.8' LG RCPA TO STR D21	MFC-5, MJB-4																																					
D6	26+00.00	25.2' RT	CONST. INLET CI DES 3(STD) w/ 18" x 34.7' LG RCP TO STR D7	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					1.75						2	2	4		34.7									13.7		27.7
D7	26+00.00	12.2' LT	CONST. INLET CI DES 3(STD) w/ 18" x 31.7' LG RCP TO STR D8	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					2.18						2	2	4		31.7									12.5		26.0
D8	26+00.00	45.95' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			1.75			2	2	4		344.9								130.0	282.3
			w/ 18" x 344.9' LG RCP TO STR D5	MFC-5, MJB-4																																					
D9	28+75.00	36.0' RT	CONST. INLET CI DES 3(STD) w/ 18" x 83.2' LG RCP TO STR D10	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					1.75						2	2	4		83.2									22.8		46.9
D10	28+75.00	50.0' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			1.90			2	2	4		269.8								73.1	153.8
			w/ 18" x 269.8' LG RCP TO STR D8	MFC-5, MJB-4																																					
D11	30+53.72	83.0' LT	CONST. 5.0' DIA MANHOLE ON EXIST PIPE	MFC-5, MJB-4			1		0.32																															
D12	30+85.42	23.0' RT	CONST. INLET CI DES 2(STD) w/ 18" x 71.0' LG RCP TO STR D13	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1							1					0.75											2		2		71.0								19.5		27.4
D13	31+61.81	23.0' RT	CONST. INLET CI DES 2(D) w/ 18" x 84.1' LG RCP TO STR D14	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1								1					1.38									2		6		84.1								33.1		69.0
D14	31+50.00	63.0' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			0.80			2	2	4					92.9					46.2	78.5
			w/ 28"x18" x 92.9' LG RCPA TO STR D11	MFC-5, MJB-4																																					
D15	33+00.00	23.0' RT	CONST. INLET CI DES 3(STD) w/ 18" x 81.1' LG RCP TO STR D16	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					1.75						2	2	4		81.1									22.2		45.9
D16	33+00.00	61.0' LT	CONST. INLET CI DES 3(B) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																1			1.67			2	2	6					145.3					72.2	107.4
			w/ 28"x18" x 145.3' LG RCPA TO STR D14	MFC-5, MJB-4																																					
D17	37+00.00	23.0' RT	CONST. INLET CI DES 3(STD) w/ 18" x 54.4' LG RCP TO STR D18	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					1.75						2	2	4		54.4									14.9		29.7
D18	37+00.00	34.25' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			1.79			2	2	4		395.3								107.1	243.6
			w/ 18" x 395.3' LG RCP TO STR D16	MFC-5, MJB-4																																					
D19	41+00.00	34.5' RT	CONST. INLET CI DES 3(STD) w/ 18" x 54.7' LG RCP TO STR D20	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					1.75						2	2	4		54.7									15.0		31.5
D20	41+00.00	23.0' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			2.25			2	2	4		394.7								107.0	246.3
			w/ 18" x 394.7' LG RCP TO STR D18	MFC-5, MJB-4																																					
D21	20+20.00	31.7' LT	CONST. 4.0' DIA MANHOLE w/ 28"x18"x215.9' LG RCP TO STR D3	MFC-5, MJB-4, CCI-1, CCI-2, PBB-1		1.00		0.13																										215.90					83.30	154.50
D22	20+20.00	41.8' LT	EXTEND EXISTING 18" RCP x8.3' LG TO STR D21	CCI-1, CCI-2, PBB-1																											8.30								2.30	4.70
K1	102+30.00	29.5' RT	CONST. INLET CI DES 3(STD) w/ 18" x 57.6' LG RCP TO STR K2	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					1.79						2	2	4		57.6									15.8		24.0
K2	102+30.00	29.5' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			2.08			2	2	4		395.0								148.9	332.5
			w/ 18" x 190.4' LG RCP TO STR K3	MFC-5, MJB-4																																					
K3			DELETED																																						
K4	105+79.65	39.0' RT	CONST. 4.0' DIA MANHOLE ON EXIST PIPE	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1		1																																		23.5	41.1
			w/ 24"x61.0' LG RCP TO STR K5	MFC-5, MJB-4																																					
K5	106+45.00	30.42' RT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			1.79			2	2	4		36.6								13.7	30.1
			w/ 24" x 35.7' LG RCP TO STR K6	MFC-5, MJB-4																																					
K6	106+50.00	8.0' LT	CONST. 4.0' DIA MANHOLE	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1		1		0.77																							23.9								9.2		17.3
			w/ 24"x23.9' LG RCP TO STR K7	MFC-5, MJB-4																																					
K7	106+53.00	34.7' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			2.49			2	2	4										50.8	65.2
			w/ 30" x 84.3' LG RCP TO EXIST MANHOLE	MFC-5, MJB-4																																					
K8	106+70.00	6.61' LT	CONST. INLET CI DES 2(STD) w/ 18" x 15.8' LG RCP TO STR K6	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1							1					1.87											2		2		15.8								4.3		7.8
K9	107+50.00	11.0' LT	CONST. INLET CI DES 3(STD) w/ 18" x 72.1' LG RCP TO STR K8	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					1.75						2	2	4		72.1									19.8		25.3
K10	108+40.00	37.0' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			1.99			2	2	4		182.1								49.3	102.4
			w/ 18" x 182.1' LG RCP TO STR K7	MFC-5, MJB-4																																					
K11	108+50.00	11.0' LT	CONST. INLET CI DES 3(STD) w/ 18" x 89.3' LG RCP TO STR K9	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					1.75						2	2	4		89.3									24.5		36.4
K12	109+00.00	37.0' LT	CONST. INLET CI DES 3(STD) w/ 18" x 52.3' LG RCP TO STR K10	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					1.75						2	2	4		52.3									14.3		21.1
K13	109+20.00	37.2' LT	CONST. INLET CI DES 2(B) w/ 18" x 12.0' LG RCP TO STR K12	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1								1					1.75									2		4		12.0								3.3		4.2
K14	111+25.00	12.0' RT	CONST. INLET CI DES 2(STD) w/ 18" x 62.8' LG RCP TO STR K15	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1							1					1.75											2		2		62.8								17.2		35.1
K15	111+10.00	51.0' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			1.89			2	2	4		282.5								76.6	159.3
			w/ 18" x 282.5' LG RCP TO STR K19	MFC-5, MJB-4																																					
K16	113+00.00	8.0' RT	CONST. INLET CI DES 2(STD) w/ 18" x 95.5' LG RCP TO STR K18	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1							1					1.75											2		2		95.5								26.2		42.8
K17	114+00.00	35.2' RT	CONST. INLET CI DES 3(STD) w/ 18" x 27.0' LG RCP TO STR K18	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					1.75						2	2	4		27.0									10.6		21.5
K18	114+00.00	5.0' RT	CONST. 4.0' DIA MANHOLE	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1		1		0.86																															
			w/ 18"x44.1' LG RCP TO STR K19	MFC-5, MJB-4																																					
K19	114+00.00	42.3' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			1.98			2	2	4		212.5								57.6	132.3
			w/ 18" x 212.5' LG RCP TO STR K21	MFC-5, MJB-4																																					
K20	116+18.00	35.5' RT	CONST. INLET CI DES 3(STD) w/ 18" x 67.5' LG RCP TO STR K21	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					1.75						2	2	4		67.5									26.6		52.8
K21	116+18.00	35.5' LT	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																	1			2.10			2	2	4		194.7								52.8	121.2
			w/ 18" x 194.7' LG RCP TO EXIST MANHOLE	MFC-5, MJB-4																																					
K22	98+30.00	29.5' RT	CONST. INLET CI DES 3(STD) w/ 18" x 190.4' LG RCP	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1										1					1.79						2	2	4		190.4									75.0		148.8
			TO STR K23																																						
K23	98+30.00	29.5' LT	CONST. INLET CI DES 3(B) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																1			2.07			2	4	6		325.5								122.7	284.0
			w/ 18" x 325.5' LG RCP TO K24	MFC-5, MJB-4																																					
K24	95+00.00	35.2' LT	CONST. 4.0' DIA MANHOLE ON w/ 18" x 27.3' LG RCP w/ PCES	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1		1		1.11																							27.3						1		7.5	9.4
				MFC-5, MJB-4, PCES-5																																					
K25	94+69.80	CL	CONST. DBL. 36" x 22" x 133.2' LG RCPA w/ CET EAH END:	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																															266.4			2	197.9		189.1
			69.5' RT. STA. 94+77.26 & 63.0' LT. STA. 94+63.04	MFC-5, MJB-4, CET4D-4																																					
K26	94+35.00	27.4' RT	CONST. INLET CI DES 3(D) w/ 18" x 50.6' LG RCP TO K27	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1											1					1.79						2	6	8		50.6								13.9		22.7
K27	94+35.00	25.3' LT	CONST. INLET CI DES 3(D) w/ LARGE JCT BOX	CI-2, SSIF-5, CIG-4, CCI-1, CCI-2, PBB-1																		1			2.33	2	6	8			32.1						1		16.0	34.8
			w/ 24" x 32.1' LG RCP w/ PCES	MFC-5, MJB-4, PCES-5																																					
			TOTALS:		2.11	5.00	1.00	2.87	0.32	0.00	4.00	1.00	1.00	18.00	1.00	6.12	1.75	1.38	25.46	1.79	14.00	2.00	1.00	25.28	3.74	2.33	78.00	76.00	162.00	75.30	4464.00	153.60	84.30	759.30	266.40	1.00	1.00	2.00	651.70	1354.60	3892.00

(1) QUANTITIES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. COST OF THESE ITEMS ARE INCLUDED IN OTHER ITEMS OF BID.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SUMMARY SHEETS–ROADWAY
(SHEET 1 OF 3)

STATE JOB NO. 38090(04) SHEET NO. AR03

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

SUMMARY OF SURFACING QUANTITIES

STATION TO STATION	UNCLASSIFIED BORROW	STABILIZED SUBGRADE	TBSC TYPE- E	SUPERPAVE TYPE S3 (PG 64-22 OK)	P.C. CONCRETE PAVEMENT (PLACEMENT)	DOWEL JOINTED P.C. CONCRETE PAVEMENT (PLACEMENT)	P.C. CONCRETE FOR PAVEMENT	CLASS C CONCRETE	CONCRETE CURB (8" BARRIER-INTEGRAL)	4" CONCRETE SIDEWALK	4" CONCRETE DIVIDING STRIP
	202(D)	307(K)	402(E)	411(B)	414(A)	414(B)	414(G)	509(D)	609(A)	610(A)	610(C)
	CY	SY	TON	TON	SY	SY	CY	CY	LF	SY	TON
DANFORTH											
17+50.00 to 25+00.00	175.64	4,849.72	289.41	814.79	0.00	4,436.89	1,232.57		2,029.83	1,607.86	93.16
25+00.00 to 34+00.00	251.05	8,636.81	203.06	1,451.05	0.00	8,062.96	2,239.89		2,650.31	1,128.10	295.28
34+00.00 to 43+00.00	155.35	6,245.34	166.31	1,049.26	169.08	5,642.03	1,614.33		1,712.22	923.95	75.15
KELLY AVE.											
92+55.00 to 99+00.00	200.54	4,662.71	130.27	783.37	348.90	3,879.90	1,174.76	6.00	2,152.07	723.70	185.64
99+00.00 to 108+00.00	411.34	6,716.55	163.24	1,128.43	321.28	5,697.43	1,672.00		3,358.80	906.87	560.12
108+00.00 to 116+26.28	226.33	6,881.06	183.85	1,156.07	0.00	6,315.04	1,754.32		1,230.74	1,186.39	495.56
TOTALS	**1,420.25**	**37,992.19**	**1,136.14**	**6,382.97**	**839.26**	**34,034.25**	**9,687.87**	**6.00**	**13,133.97**	**6,476.87**	**1,704.91**

SUMMARY OF EARTHWORK

STATION TO STATION	UNCLASSIFIED EXCAVATION 202(A)	EMBANKMENT +/-15%	EXCESS EXCAVATION	UNCLASSIFIED BORROW 202(D)
	202(A)		(1)	202(D)
	C.Y.	C.Y.	C.Y.	C.Y.
DANFORTH				
17+00.00 TO 43+50.00	6,395.11	429.94	5,965.17	
TOTALS	**6,395.11**	**429.94**	**5,965.17**	**0.00**
KELLY AVE.				
100+50.00 TO 119+00.00	3,307.03	3,359.16		52.13
TOTALS	**3,307.03**	**3,359.16**	**0.00**	**52.13**
GRAND TOTAL	**9,702.14**	**3,789.10**	**5,965.17**	**52.13**

(1) EXCESS EXCAVATION SHALL BE USED TO REDUCE UNCLASSIFIED BORROW. ANY REMAINING QUANTITY WILL BECOME WASTE AND BE DISPOSED OF BY THE CONTRACTOR IN A MANNER APPROVED BY THE ENGINEER

SUMMARY OF DRIVEWAYS

STATION	LOCATION	TYPE	LENGTH	WIDTH	RADII		CONCRETE CURB (8" BARRIER-INTEGRAL)	6" CONCRETE DRIVEWAY (H.E.S.)
					LT.	RT.	609(A)	610(B)
			FT.	FT.	FT.	FT.	LF	SY
DANFORTH								
20+51.15	LT	CONC.	33.96	30.00	25	25	97.76	146.57
20+55.80	RT	CONC.	46.33	24.00	25	25	122.52	158.71
23+55.75	LT	CONC.	35.17	24.00	15	15	89.58	108.99
23+63.00	RT	CONC.	46.33	36.00	25	25	122.54	220.24
25+38.68	LT	CONC.	35.70	22.00	25	25	101.20	120.84
26+81.31	LT	CONC.	30.34	36.00	15	15	78.86	135.52
27+70.22	RT	CONC.	13.33	30.00	15	15	44.46	55.36
31+23.61	RT	CONC.	26.33	29.00	15	15	87.05	99.68
32+46.00	RT	CONC.	26.33	35.00	25	25	82.54	134.54
35+45.00	LT	CONC.	45.97	34.00	15	15	110.36	190.32
35+60.00	RT	CONC.	26.33	36.00	15	15	71.12	119.03
36+64.40	LT	CONC.	43.81	30.00	15	15	106.05	162.40
38+77.75	RT	CONC.	26.33	34.00	15	15	71.12	113.18
38+83.85	LT	ST. RETURN	37.37	32.00	25	25	(1)	(1)
42+28.50	RT	CONC.	26.50	36.00	15	25	63.58	162.48
KELLY AVE.								
97+59.30	RT	ST. RETURN	30.00	25.00	30	30	(1)	(1)
97+59.30	LT	ST. RETURN	45.50	35.00	30	30	(1)	(1)
101+79.05	LT	ST. RETURN	59.84	26.00	25	25	(1)	(1)
101+79.33	RT	ST. RETURN	27.33	26.00	25	25	(1)	(1)
103+32.20	RT	CONC.	19.83	16.00	15	15	58.37	49.75
104+06.10	RT	CONC.	19.83	16.00	15	15	59.74	48.62
104+72.00	RT	CONC.	19.83	36.00	25	25	66.83	110.54
106+02.76	LT	CONC.	16.52	26.00	15	15	51.50	59.97
107+43.00	RT	CONC.	16.33	36.00	25	25	62.05	94.71
107+98.63	LT	CONC.	12.30	30.00	15	15	44.51	52.74
108+15.00	RT	CONC.	16.33	28.00	15	15	51.12	63.03
108+88.75	RT	CONC.	16.33	29.00	15	15	51.12	64.85
112+73.50	RT	CONC.	14.33	25.00	15	15	47.12	51.74
112+75.88	LT	CONC.	18.33	24.00	15	15	55.12	61.40
113+35.00	LT	CONC.	20.45	22.00	15	15	58.30	62.29
114+84.44	LT	CONC.	33.47	24.00	15	15	86.40	104.78
114+95.00	RT	CONC.	13.88	30.00	15	15	46.21	58.09
115+86.00	RT	CONC.	33.83	24.00	15	15	86.29	105.32
118+00.95	LT	CONC.					9.02	12.96
						TOTALS:	**2,082.44**	**2,928.65**

(1) STREET RETURN QUANTITIES ARE INCLUDED IN MAINLINE QUANTITIES

SUMMARY OF WHEELCHAIR RAMPS

STATION	LOCATION	TYPE	TACTILE WARNING DEVICE-NEW	REMARKS
			610(I)	
			SF	
DANFORTH				
17+03.58	RT	A	20.00	AT DRIVE
20+34.10	LT	A-B	20.00	AT DRIVE
20+43.10	RT	B	20.00	AT DRIVE
20+68.47	RT	B	20.00	AT DRIVE
20+69.48	LT	A-B	20.00	AT DRIVE
23+43.09	LT	B	20.00	AT DRIVE
23+44.34	RT	B	20.00	AT DRIVE
23+68.42	LT	B	20.00	AT DRIVE
23+81.66	RT	B	20.00	AT DRIVE
25+27.02	LT	B	20.00	AT DRIVE
25+50.35	LT	B	20.00	AT DRIVE
26+62.64	LT	B	20.00	AT DRIVE
26+99.97	LT	B	20.00	AT DRIVE
29+28.53	RT	D	11.60	AT INTERSECTION
29+28.73	LT	B	12.00	AT INTERSECTION
30+59.38	RT	B	12.00	AT INTERSECTION
30+61.70	LT	B	12.00	AT INTERSECTION
38+59.49	LT	D	9.33	AT ST. RETURN
38+95.07	LT	D	10.00	AT ST. RETURN
KELLY AVE				
97+36.78	RT	B	10.00	AT ST. RETURN
97+44.23	LT	D	9.66	AT ST. RETURN
97+74.25	LT	D	9.66	AT ST. RETURN
97+81.90	RT	B	10.00	AT ST. RETURN
101+63.16	LT	B	10.00	AT ST. RETURN
101+65.11	RT	D	9.33	AT ST. RETURN
101+93.61	RT	D	9.33	AT ST. RETURN
101+94.95	LT	B	10.00	AT ST. RETURN
109+39.42	LT	D	11.60	AT INTERSECTION
109+39.76	RT	B	12.00	AT INTERSECTION
110+87.03	LT	B	12.00	AT INTERSECTION
110+89.04	RT	B	12.00	AT INTERSECTION
112+59.76	LT	A-B	20.00	AT DRIVE
112+92.00	LT	A-B	20.00	AT DRIVE
113+19.91	LT	A-B	20.00	AT DRIVE
113+49.74	LT	A-B	20.00	AT DRIVE
114+67.91	LT	A-B	20.00	AT DRIVE
115+00.51	LT	A-B	20.00	AT DRIVE
117+82.00	LT	A-B	8.00	AT DRIVE
		TOTALS:	**580.51**	

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SUMMARY SHEETS–ROADWAY
(SHEET 2 OF 3)

STATE JOB NO. 38090(04) SHEET NO. AR04

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SUMMARY OF REMOVALS

STATION LOCATION	REMOVAL OF CURB AND GUTTER	REMOVAL OF CONCRETE PAVEMENT	REMOVAL OF ASPHALT PAVEMENT	REMOVAL OF CONCRETE DRIVEWAY	REMOVAL OF ASPHALT DRIVEWAY	REMOVAL OF SIDEWALK	SAWING PAVEMENT
	619(B)	619(B)	619(B)	619(B)	619(B)	619(B)	619(C)
	L.F.	S.Y.	S.Y.	S.Y.	S.Y.	S.Y.	L.F.
DANFORTH							
17+50.00 TO 25+00.00	1,180.49		3,860.80	783.67		1,140.52	156.83
25+00.00 TO 34+00.00	2,300.96	6,127.74	2,089.96	843.05	732.90	859.28	549.00
34+00.00 TO 43+00.00	1,477.54		4,338.33	1,064.96	184.25	861.57	451.82
KELLY AVE.							
90+00.00 TO 99+00.00	1,236.64		2,871.31	270.50	141.34	673.08	161.51
99+00.00 TO 108+00.00	1,447.64		4,171.84	724.39	225.22	875.38	193.49
108+00.00 TO 116+26.28	846.40		2,731.30	435.30	430.49	888.93	394.76
TOTALS	**8,489.67**	**6,127.74**	**20,063.54**	**4,121.87**	**1,714.20**	**5,298.76**	**1,907.41**

SUMMARY OF EROSION CONTROL

STATION LOCATION	SOLID SLAB SODDING	VEGETATIVE MULCHING	FERTILIZING (10-20-10)	FERTILIZING (18-46-0)	WATERING	MOWING
	230(A)	233(A)	(1)	(1)	(1)	241
	S.Y.	ACRE	TON	TON	K-GAL.	AC.
DANFORTH						
17+50.00 TO 25+00.00	3151.26	0.65	0.32	0.05	126.05	0.65
25+00.00 TO 34+00.00	1539.66	0.32	0.15	0.02	61.59	0.32
34+00.00 TO 43+00.00	734.99	0.15	0.07	0.01	29.40	0.15
KELLY AVE.						
92+55.00 TO 99+00.00	774.02	0.16	0.08	0.01	30.96	0.16
99+00.00 TO 108+00.00	1243.45	0.26	0.12	0.02	49.74	0.26
108+00.00 TO 116+26.28	491.49	0.10	0.05	0.01	19.66	0.10
TOTALS	**7,934.87**	**1.64**	**0.79**	**0.12**	**317.40**	**1.64**

(1) FOR INFORMATION ONLY

SUMMARY OF MAILBOX INSTALLATION

LOCATION			REMOVE AND RESET MAILBOX
STATION	LEFT	RIGHT	629(D)
			EA
KELLY AVE.			
104+17.00		X	1.00
TOTALS:			**1.00**

SUMMARY OF TEMPORARY SEDIMENT CONTROL

LOCATION	TEMPORARY SILT FENCE	TEMPORARY ROCK FILTER DAM, TYPE 2	TEMPORARY INLET SEDIMENT FILTER
STATION TO STATION	221(B)	221(F)	221(H)
	LF	CY	EA
DANFORTH			
17+50.00 TO 25+00.00			18.00
25+00.00 TO 34+00.00	470.00		40.00
34+00.00 TO 43+00.00	136.00		16.00
KELLY AVE.			
92+55.00 TO 99+00.00	724.00	3.60	32.00
99+00.00 TO 108+00.00	747.00		30.00
108+00.00 TO 116+26.28	130.00		42.00
TOTALS	**2,207.00**	**3.60**	**178.00**

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DESIGN	-	-
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APPROVED	-	-
SQUAD	POE	

SUMMARY SHEETS–ROADWAY
(SHEET 3 OF 3)

STATE JOB NO. 38090(04) SHEET NO. AR05

OKLAHOMA COUNTY

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

GENERAL CONSTRUCTION NOTES

(C-51) REMOVED MATERIAL TO BECOME PROPERTY OF CONTRACTOR AND IT SHALL BE DISPOSED OF IN A MANNER APPROVED BY THE ENGINEER.

(C-52) THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE O.D.O.T. STANDARDS AND DETAIL DRAWINGS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

(C-53) ANY DAMAGE CAUSED BY THE CONTRACTOR TO ANY STRUCTURES, ROADWAY SURFACES, STRIPING, RAISED PAVEMENT MARKERS, GUARDRAIL, SLOPES, AND SIGNS SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.

(C-54) THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING TRAFFIC ON CROSS STREETS. A MINIMUM OF ONE LANE IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES. SEE O.D.O.T. STANDARDS AND DETAIL DRAWINGS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

(C-56) ALL REGULATORY SIGNS SHALL HAVE HIGH INTENSITY SHEETING. THE HIGH INTENSITY SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956-(LATEST REVISION) FOR TYPE III SHEETING.

ALL WARNING SIGNS SHALL HAVE FLUORESCENT YELLOW SHEETING. THE FLUORESCENT YELLOW SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956-(LATEST REVISION) REQUIREMENTS FOR TYPE VIII SHEETING.

ALL GREEN AND BLUE SIGNS ON CONVENTIONAL HIGHWAYS SHALL HAVE HIGH INTENSITY SHEETING. THE HIGH INTENSITY SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956-(LATEST REVISION) FOR TYPE III SHEETING.

ALL PANEL AND OVERHEAD SIGNS SHALL HAVE TYPE III HIGH INTENSITY BACKGROUND WITH TYPE VIII LEGENDS AND BORDERS. THE TYPE III BACKGROUND AND THE TYPE VIII LEGENDS AND BORDERS SHALL MEET THE REQUIREMENTS OF ASTM D4956-(LATEST REVISION).

THE MANUFACTURER SHALL FURNISH A TYPE 'A' CERTIFICATION IN ACCORDANCE WITH ODOT STANDARD SPECIFICATIONS, LATEST EDITION, AND SUBSECTION 106.04. THE CERTIFICATION SHALL INCLUDE TEST RESULTS ON THE MATERIAL SUBMITTED FOR APPROVAL.

(C-57) ALL BROKEN CONCRETE INCLUDING OLD SIGN FOOTINGS WITH STUBS, WASTE MATERIAL AND DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE LIMITS OF THE PROJECT AND DISPOSED OF IN AN AREA APPROVED BY THE ENGINEER. NO PAYMENT SHALL BE MADE FOR THE DISPOSAL OF THIS MATERIAL. ANY PIPE POST OR WIDE FLANGE POST ABOVE THE OLD SIGN FOOTINGS SHALL BE CUT AND HANDLED AS PROPERTY OF THE STATE AND SHALL BE NEATLY STACKED ON THE JOB SITE, AS DESIGNATED BY THE ENGINEER UNTIL SUCH TIME AS DIVISION PERSONNEL CAN REMOVE THE MATERIAL FROM THE JOB SITE.

(C-59) ALL ANCHOR BOLTS SHALL BE GRADE A-36 STEEL.

(C-60) THE STATIONS AND LOCATIONS OF THE SIGN PLACEMENT, AS SHOWN ON THE PLAN SHEETS, ARE APPROXIMATE. EXACT STATIONS AND LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR SO THAT THE SIGN IS INSTALLED IN ACCORDANCE WITH DEPARTMENT STANDARDS AND THE MUTCD 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.

(C-61) POST LENGTHS SHOWN ON SIGN SUMMARY ARE APPROXIMATE, EXACT LENGTH SHALL BE DETERMINED BY FIELD SURVEY BY THE CONTRACTOR.

(C-62) THE COST OF REPLACEMENT OF MISSING OR DAMAGED EDGE STRIP ON EXISTING SIGNS SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

(C-66) ALL SIGNS SHALL BE REMOVED FROM THE POSTS IN A SALVAGEABLE MANNER FOR REUSE. CARE SHALL BE TAKEN DURING REMOVAL AND TRANSPORTING TO ALLEVIATE DAMAGE OF MATERIALS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED DURING REMOVAL OF SIGNS AND SIGN POSTS.

(C-68) AFTER REMOVAL OF ANY SIGN FOOTINGS,THE HOLES SHALL BE FILLED WITH SOIL AND TAMPED AND SHAPED IN A MANNER APPROVED BY THE ENGINEER.

(C-69) FOR NEW OR EXISTING GROUND MOUNTED SIGNS, MAXIMUM STUB POST PROJECTION ABOVE FOOTING/GROUND LINE SHALL BE 1-3/4" +/- 1/4". MAXIMUM FOOTING PROJECTION ABOVE GROUND LINE SHALL BE NO MORE THAN 2". SHOULD ADDITIONAL SOIL BE REQUIRED, THE ENGINEER WILL DESIGNATE AN AREA TO OBTAIN ADDITIONAL SOIL. ALL ASSOCIATED COSTS SHALL BE INCLUDED IN OTHER ITEMS OF WORK.

SIGNING AND STRIPING PAY QUANTITIES

0301 TRAFFIC — JP 24041(06)

ITEM NO.		DESCRIPTION		UNIT	QUANTITY
805(D)	3528	(PL)REMOVE & RESET EXISTING SIGNS	(1)(3)	EA	9.00
850(A)	1200	SHEET ALUMINUM SIGNS	(2)(TS-33)	SF	266.00
851(C)	2420	2 1/4" SQUARE TUBE POST	(3)(TS-33, TS-34)	LF	620.00
856(A)	8207	(SP) TRAFFIC STRIPE(PLURAL-COMPONENT)(6" WIDE)	(4)(5)(6)(9)	LF	23,476.00
856(A)	8211	(SP) TRAFFIC STRIPE(PLURAL-COMPONENT)(8" WIDE)	(7)(9)	LF	292.00
856(A)	8219	(SP) TRAFFIC STRIPE(PLURAL-COMPONENT)(24" WIDE)	(8)(9)	LF	944.00
856(B)	8307	(SP) TRAFFIC STRIPE(PLURAL-COMP)(ARROWS)		EA	51.00

PAY QUANTITY NOTES

(TS-33) INCLUDED IN THIS PAY ITEM IS ALL HARDWARE ASSOCIATED WITH PROPERLY ANCHORING AND MOUNTING THE HIGHWAY SIGN IN ACCORDANCE WITH O.D.O.T. PLANS AND STANDARD DRAWINGS SSA1-1 AND SSP1-1-(LATEST REVISION).

(TS-34) INCLUDED IN THIS PAY ITEM IS THE REMOVAL OF ANY EXISTING SIGNS TO BE REPLACED BY NEW ASSEMBLIES AND THE REMOVAL OF ANY EXISTING SIGNS THAT WILL BE IN CONFLICT WITH THE NEW ROADWAY OR NEW SIGNAGE.

1 PRICE BID TO INCLUDE NEW POST FOR REMOVED AND RESET SIGNS

2 ALL PERMANENT TRAFFIC CONTROL SIGNS SHALL HAVE 3M DG3 SHEETING (SERIES 4000).

3 ALL SIGN POLES SHALL BE 2-1/4" SQUARE GALVANIZED QWIK PUNCH POLES (HOLES CAN BE PUNCHED OUT ON DEMAND) WITH 2 1/2" X 30" ANCHOR TUBE OR APPROVED EQUAL. ANCHOR TUBE QWIK PUNCH HOLES SHALL NOT BE REMOVED WITHIN CONCRETE FOOTING. SEE O.D.O.T. STANDARD DRAWING SSP1-1 (LATEST REVISION).

4 QUANTITY SHOWN INCLUDES 2,976.00 L.F. TRAFFIC STRIPE (PLURAL-COMPONENT)(BLACK) WILL BE MEASURED BY THE LINEAR FOOT OF SIX INCH (6") WIDE TRAFFIC STRIPE.

5 QUANTITY SHOWN INCLUDES 654.00 L.F. TRAFFIC STRIPE (PLURAL-COMPONENT)(WHITE) AND 1,400.00 L.F. TRAFFIC STRIPE (PLURAL-COMPONENT)(YELLOW) AND 654.00 L.F. TRAFFIC STRIPE (PLURAL-COMPONENT)(BLACK) WILL BE MEASURED BY THE LINEAR FOOT OF SIX INCH (6") WIDE TRAFFIC STRIPE. THIS ADDITIONAL QUANTITY IS FOR RESTRIPING BEGINING AND END OF DANFORTH AND KELLY AVE. WHERE EXISTING STRIP WAS REMOVED. TO BE USED IN A MANNER APPROVED BY THE ENGINEER.

6 QUANTITY SHOWN INCLUDES 5,940.00 L.F. TRAFFIC STRIPE (PLURAL-COMPONENT)(WHITE) AND 11,852.00 L.F. TRAFFIC STRIPE (PLURAL-COMPONENT)(YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF SIX INCH (6")

7 QUANTITY SHOWN INCLUDES 0.00 L.F. TRAFFIC STRIPE (PLURAL-COMPONENT)(WHITE) AND 296.00 L.F. TRAFFIC STRIPE (PLURAL-COMPONENT)(YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF EIGHT INCH (8") WIDE TRAFFIC STRIPE.

8 QUANTITY SHOWN INCLUDES 944.00 L.F. TRAFFIC STRIPE (PLURAL-COMPONENT)(WHITE) AND 0.00 L.F. TRAFFIC STRIPE (PLURAL-COMPONENT)(YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF TWENTY-FOUR INCH (24") WIDE TRAFFIC STRIPE.

9 QUANTITIES SHOWN FOR PERMANENT STRIPING HAVE BEEN INCREASED TO PROVIDE ADEQUATE AMOUNT FOR UNPLANNED STRIPING NEEDS.

NOTE ALL REMOVED SIGNS, SIGN POSTS, BOLTS, MISCELLANEOUS HARDWARE, AND DELINEATORS SHALL REMAIN THE PROPERTY OF THE CITY. THE CONTRACTOR SHALL NEATLY STACK SUCH REMOVED MATERIAL AT A LOCATION ON THE JOB SITE AS DESIGNATED BY THE ENGINEER UNTIL SUCH TIME AS CITY PERSONNEL CAN REMOVE THE MATERIAL FROM THE JOB SITE.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SUMMARY OF PAY QUANTITIES AND NOTES–SIGNING AND STRIPING

STATE JOB NO. 38090(04) SHEET NO. AT01

OKLAHOMA COUNTY

4/4/2025 4:18:25 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE
⚠ UPDATED NOTES	4/30/2025

PAY QUANTITY NOTES

(TC-19) THIS ITEM INCLUDES AN ESTIMATED 250.00 L.F. (4" WIDE) WHITE AND 250.00 L.F. (4" WIDE) YELLOW STRIPE. THE CONTRACTOR SHALL PROVIDE AND INSTALL AN O.D.O.T. APPROVED REMOVABLE PAVEMENT MARKING TAPE. COST FOR REMOVAL OF THIS TAPE SHALL BE INCLUDED IN THE PRICE BID FOR THIS ITEM. NON-REMOVABLE MARKING TAPE (FOIL BACK) SHALL NOT BE CONSIDERED AN APPROVED EQUAL FOR THIS ITEM.

(TC-20) ALL STRIPING TO BE PLACED ON TEMPORARY SURFACES OR ON SURFACES SCHEDULED TO BE REMOVED SHALL BE DONE WITH PAINT UNLESS OTHERWISE NOTED ON THE PLANS OR STANDARD DRAWINGS. TEMPORARY PAVEMENT MARKINGS PLACED ON FINISHED PAVEMENT OR EXISTING PAVEMENT TO REMAIN IN PLACE SHALL USE ONE

REMOVABLE PAVEMENT MARKING TAPE
CLASS A PAVEMENT MARKERS

(TC-21) INCLUDED IN THE COST OF THIS ITEM SHALL BE INSTALLATION, MAINTENANCE, AND REMOVAL. THIS ITEM SHALL BE BID ACCORDINGLY.

(TC-22) AMOUNT SHOWN IS AN APPROXIMATION AND THE ACTUAL AMOUNT OF REMOVAL, IF NECESSARY, SHALL BE DETERMINED BY THE ENGINEER. PRICE BID FOR PAVEMENT MARKING REMOVAL SHALL INCLUDE THE COST OF REMOVING STRIPE, ARROWS, WORDS, AND SYMBOLS, AS SHOWN IN THE PLANS, THESE ITEMS MAY CONSIST OF PLASTIC, PAINT OR NON-REMOVABLE MARKING TAPE.

(TC-26) ALL CONSTRUCTION TRAFFIC CONTROL WILL BE IMPLEMENTED ACCORDING TO CONSTRUCTION PLANS, AND INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (CURRENT EDITION), AND COMPLIANT WITH APPLICABLE O.D.O.T. STANDARD DRAWINGS. PRICE BID FOR THIS ITEM SHALL BE PAYMENT IN FULL FOR THE INSTALLATION, MAINTENANCE AND SUBSEQUENT REMOVAL OF ALL NECESSARY CONSTRUCTION TRAFFIC CONTROL DEVICES REQUIRED FOR COMPLETION OF THE PROJECT.

ALL SIGNS AND BARRICADES WHICH ARE SHOWN WITH TYPE 'A' LIGHTS IN THE STANDARD DRAWINGS SHALL HAVE THE CORRESPONDING LIGHT ATTACHED DURING NON-DAYLIGHT HOURS.

(TC-33) ALL CONSTRUCTION WORK ZONE SIGNS SHALL HAVE FLUORESCENT SHEETING. THE FLOURESCENT SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956 (LATEST REVISION)

⚠ (TC-52) ANY USED CHANGEABLE MESSAGE SIGN TO BE PLACED ON THIS PROJECT SHALL BE SUBJECT TO INSPECTION AND APPROVAL, BY THE OKLAHOMA DEPARTMENT OF TRANSPORTATION, TO ASSURE THAT THEY ARE IN GOOD WORKING CONDITION, PRIOR TO PLACEMENT ON THE PROJECT.

(TC-61) ANY DAMAGE TO A FINISHED OR EXISTING SURFACE RESULTING FROM THE CONTRACTORS NEGLIGENCE IN THE REMOVAL OF CONSTRUCTION ZONE PAVEMENT MARKERS OR CHANNELIZING DEVICES AND THE BITUMINOUS ADHESIVE USED IN THEIR INSTALLATION, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE ENGINEER.

(TC-70) THIS ITEM IS AN ESTIMATED QUANTITY TO BE USED AS DEEMED NECESSARY BY THE ENGINEER.

(TC-75) TEMPORARY PAVEMENT MARKINGS SHALL BE IN PLACE THE SAME DAY THAT EXISTING PAVEMENT MARKINGS ARE REMOVED FROM ANY ROADWAY OPEN TO TRAFFIC. ALSO, ALL TEMPORARY PAVEMENT MARKINGS SHALL BE REMOVED PRIOR TO THE INSTALLATION OF FINAL STRIPING.

(TC-84) 210.00 CONSTRUCTION CALENDAR DAYS WERE USED TO COMPUTE THE SIGN DAY PAY ITEMS. THE AMOUNT OF CALENDAR DAYS USED TO COMPUTE THE SIGN DAY PAY ITEMS IS AN ESTIMATED QUANTITY ONLY, BASED ON THE CURRENT O.D.O.T. STANDARDS AND SUGGESTED CONSTRUCTION SEQUENCE FOR THIS PROJECT. THESE ESTIMATED SIGN DAY QUANTITIES MAY CHANGE AS THE PROJECT'S CONSTRUCTION TRAFIC CONTROL IS MODIFIED DURING CONSTRUCTION.

(TC-85) THESE SIGNS MUST BE ON THE OKLAHOMA DEPARTMENT OF TRANSPORTATION LIST OF APPROVED CHANGEABLE MESSAGE SIGNS. FOR A LIST OF THE APPROVED SIGNS GO TO THE OKLAHOMA DEPARTMENT OF TRANSPORTATION WEBSITE AT: HTTP://WWW.OKLADOT.STATE.OK.US/TRAFFIC/QPL/INDEX.PHP

(SP-1) THIS ITEM INCLUDES AN ESTIMATED 166.00 L.F. (24" WIDE) WHITE. THE CONTRACTOR SHALL PROVIDE AND INSTALL AN O.D.O.T. APPROVED REMOVABLE PAVEMENT MARKING TAPE. COST FOR REMOVAL OF THIS TAPE SHALL BE INCLUDED IN THE PRICE BID FOR THIS ITEM. NON-REMOVABLE MARKING TAPE (FOIL BACK) SHALL NOT BE CONSIDERED AN APPROVED EQUAL FOR THIS ITEM.

(SP-2) REMOVAL OF TEMPORARY PAVEMENT MARKING SHALL BE DONE WITH HYDROBLASTING OR ENGINEER APPROVED METHOD. GRINDING WILL NOT BE ALLOWED.

(SP-3) SPAN WIRE SIGNAL AND POLES

CONTRACTOR TO INSTALL FIBER AND SIGNAL TEMPORARY WOODEN POLES, AND HAVE TEMPORARY SPAN WIRE SIGNALS IN PLACE WITH OVERHEAD WIRING BEFORE ATTEMPTING TO DISCONNECT EXISTING CABINET AND FIBER AND MOVING IT TO THE NEW TEMPORARY LOCATION.

MOVING EXISTING CABINET AND USE AS TEMPORARY CABINET DURING CONSTRUCTION

CONTRACTOR TO INSTALL TEMPORARY FIBER WOODEN POLES FROM 1299 WEST DANFORTH RD WHERE THE EXISTING FIBER BOX IS LOCATED TO CARRY THE EXISTING 96 FIBER OVERHEAD TO THE TEMPORARY SIGNAL CABINET LOCATION FOR CONNECTION. REFER TO PLAN SHEETS T069 AND T075 FOR FIBER BOX LOCATION.

CONTRACTOR TO ACCESS FIBER ENCLOSURE IN NORTHEAST CORNER FIBER BOX AND DIASSEMBLE THE TWO 12 SM FIBER (EXISTING CABINET AND CITY WELL SITE) AND TWO 96 FIBER CABLES (EB AND WB FIBER RUNS). BEFORE DOING ANY OF THE WORK CONTRACTOR NEEDS TO CONTACT CITY OF EDMOND IT DEPARTMENT TWO WEEK PRIOR

PAY QUANTITIES (TRAFFIC OPERATIONS)

0303 TRAFFIC — JP 24041(06)

ITEM NO.		DESCRIPTION		UNIT	QUANTITY
855(A)	7217	(SP) TRAFFIC STRIPE(PLASTIC)(24" WIDE)	(TC-61,TC-70, TC-75)(SP-1)	LF	219.00
855(A)	7221	(SP) TRAFFIC STRIPE(PLASTIC)(TAPE)(4" WIDE)	(TC-19,TC-70, TC-75)	LF	500.00
857(F)	9700	PAVEMENT MRKNG.REMOVAL(TRAF.STRP)	(TC-22, TC-70, TC-75)(SP-2)	LF	7,060.00
858(A)	0204	PAVE.MARKERS CLASS A TYPE 1-A	(TC-20, TC-21, TC-61, TC-70, TC-75)	EA	4,794.00
858(A)	0208	PAVE.MARKERS CLASS A TYPE 1-B	(TC-20, TC-21, TC-61, TC-70, TC-75)	EA	2,616.00
858(A)	0228	PAVE.MARKERS CLASS A TYPE 2-D	(TC-20, TC-21, TC-61, TC-70, TC-75)	EA	8,734.00
880(B)	6300	CONSTRUCTION SIGNS 0 TO 6.25 SF	(TC-26, TC-33, TC-84)	SD	6,363.00
880(B)	6310	CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF	(TC-26, TC-33, TC-84)	SD	14,847.00
880(B)	6320	CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF	(TC-26, TC-33, TC-84)	SD	5,515.00
880(C)	6410	CONSTRUCTION BARRICADES(TYPE III)	(TC-26, TC-70, TC-84)	SD	18,029.00
880(E)	6600	WARNING LIGHTS(TYPE A)	(TC-26, TC-84)	SD	40,936.00
880(F)	6700	DRUMS	(TC-26, TC-70, TC-84)	SD	76,636.00
880(N)	7500	(SP) TEMP. TRAFF. SIGNAL SPAN WIRE EQUIP	(TC-84)(SP-3)	LSUM	1.00
882(A)	8210	PORT.CHANGEABLE MESSAGE SIGN	(TC-52, TC-84, TC-85)	SD	1,792.00 ⚠

NOTE ANY CHANGES TO THE PROPOSED SEQUENCE OF OPERATIONS AND TRAFFIC CONTROL PLANS SHALL BE SUBMITTED TO THE CITY OF EDMOND FOR APPROVAL A MINIMUM 7 DAYS PRIOR TO BEGINNING WORK.

CONTINUE (SP-3) NOTE

CONTRACTOR TO ACCESS EXISTING CABINET ON THE NORTHEAST CORNER AND PULL THE EXISTING 12 SM FIBER AND 10 AWG TRACER WIRE BACK INTO CABINET BASE

CONTRACTOR TO DISCONNECT THE 2 CCTV CAMERAS AND RE-MOUNT ON THE TEMPORARY WOOD SPAN WIRE POLES WITH NEW CAT6A CABLES.

CONTRACTOR TO MOVE EXISTING CABINET ON NORTHEAST CORNER TO THE NEW TEMPORARY LOCATION. THIS WORK IS TO BE DONE ANY-TIME AFTER 10 PM ON A SATURDAY, TEMPORARY SIGNAL TO BE COMPLETELY AND FULLY OPERATIONAL BY 8 AM ON THE FOLLOWING SUNDAY MORNING.

CONTRACTOR TO INSTALL WOOD POLE NEXT TO CABINET TO ACCEPT SIGNAL CONDUCTOR CABLES, 96 FIBER, CAT6A CABLES FOR CCTV AND MAKE NECESSARY CONNECTIONS.

CONTRACTOR TO SECURE THE EXISTING ETHERNET SWITCH AND CABINET COMPONENTS WHEN MOVING THE CABINET TO THE NEW TEMPORARY LOCATION.

CONTRACTOR TO SECURE THE FIBER PATCH PANEL AND KEEP THE EXISTING PATCHING OF THE SC-LC CABLES IN PLACE WHEN MOVING THE SIGNAL CABINET TO THE NEW TEMPORARY LOCATION

CONTRACTOR TO SET TEMPORARY CABINET ON THE NEW LOCATION FOR THE DURATION OF THE PROJECT OR UNTIL SUCH TIME THE PERMANENT CABINET CAN BE INSTALLED

CONTRACTOR TO PULL BACK EAST 96 FIBER RUN NOT TO EXCEED 500 LB. OF TENSION FORCE TO EXISTING FIBER BOX IN FRONT OF CRAIG BLVD, AND WRAP FIBER CABLE NOT EXCEEDING THE 96 FIBER TURN RADIUS AND SECURELY STORE IT INTO THE FIBER BOX.

CONTRACTOR TO NOTIFY CITY IT AND ENGINEERING DEPARTMENTS BEFORE ACCESSING DANFORTH AND FRETZ CABINET TO DISCONNECT THE PATCH CABLE TO CRAIG BLVD 96 FIBER CABLE.

CONTRACTOR TO PULL BACK THE WEST 96 FIBER RUN NOT TO EXCEED 500 LB. OF TENSION FORCE AT THE EXISTING FIBER BOX LOCATED IT IN FRONT OF 1299 WEST DANFORTH RD

CONTRACTOR TO RE-RUN THE WEST 96 FIBER OVERHEAD AND MAINTAIN LINE HEIGHT CLEARANCE OF 16 FT FROM THE GROUND BETWEEN EACH WOODEN POLE BACK TO THE TEMPORARY SIGNAL CABINET LOCATION.

CONTRACTOR TO SPLICE THE 96 FIBER INTO EXISTING 12 SM IN THE CABINET TO RESTORE COMMUNICATION REFER TO SPLICE DETAILS

CONTRACTOR TO PLACE TEMPORARY MINI SPLICE ENCLOSURE INSIDE CABINET BASE AND NEATLY STORE 96 AND 12 SM FIBERS

CONTRACTOR TO CONTACT THE CITY OF EDMOND TRAFFIC ENGINEERING AND CITY IT DEPARTMENT BEFORE RECONNECTING AND TURNING ON CISCO SWITCH IN THE CABINET

CONTRACTOR TO RECONNECT ALL THE CAT6 CABLES AND CCTV'S AND COMPONENTS ONTO THE EXISTING ETHERNET SWITCH AFTER MOVING THE CABINET TO ITS NEW LOCATION.

ADJUSTING SIGNAL HEADS ON SPAN WIRES AND COORDINATING SIGNAL SEQUENCING TO ALIGN WITH THE CONSTRUCTION PHASE SHALL BE RESPONSIBILITY OF THE TRAFFIC SUBCONTRACTOR.

THE TRAFFIC SUBCONTRACTOR MUST NOTIFY THE CITY PRIOR TO ADJUSTING SIGNAL HEADS OR CHANGING SIGNAL SEQUENCING.

MOVING 12 SM FIBER TO NEW CABINET

CONTRACTOR TO DISASSEMBLE 12 SM FIBER FROM 96 WEST RUN IN THE TEMPORARY MINI SPLICE ENCLOSURES IN THE OLD CABINET BASE.

CONTRACTOR TO CAREFULLY DISCONNECT THE GATOR PATCH FROM THE OLD TEMPORARY CABINET AND KEEP THE EXISTING PATCHING OF THE SC-LC CABLES IN PLACE WHEN MOVING IT TO THE NEW SIGNAL CABINET.

CONTRATOR TO RUN THE 12 SM FIBER AND 10 AWG TRACER WIRE IN THE NEW CONDUIT TO NEW FIBER BOX.

CONTRACTOR TO COIL 50 FT OF 12 SM FIBER EXISTING SLACK AND NOT EXCEEDING 12 SM RECOMMENDED COIL RADIUS WHEN COILING THE FIBER IN THE NEW SIGNAL CABINET AND KEEP THE EASY FIBER DISCONNECT IN THE CABINET BASE.

CONTINUE (SP-3) NOTE

CONTRACTOR TO PULL BACK THE WEST 96 FIBER RUN NOT TO EXCEED 500 LB. OF TENSION FORCE AT THE EXISTING FIBER BOX LOCATED IT IN FRONT OF 1299 WEST DANFORTH RD.

CONTRACTOR TO FISH IN THE WEST 96 FIBER AND EAST 96 FIBER RUNS INTO EXISTING AND NEW CONDUIT TO THE DANFORTH AND KELLY NEW FIBER BOX.

CONTRACTOR TO NOTIFY CITY IT AND ENGINEERING DEPARTMENTS BEFORE ACCESSING DANFORTH AND FRETZ CABINET TO RECONNECT THE PATCH CABLE TO CRAIG BLVD 96 FIBER CABLE.

CONTRACTOR TO SPLICE THE WEST 96 FIBER, EAST 96, AND CABINET 12 SM FIBER IN THE NEW FIBER BOX SPLICE ENCLOSURE, AND DO OTDR TESTING TO TEST FIBER AFTER SPLICING.

CONTRACTOR TO CONTACT THE CITY OF EDMOND ENGINEERING DEPT AND CITY IT DEPARTMENT BEFORE PATCHING IN THE PATCH PANEL INTO NEW CISCO SWITHC IN NEW CABINET.

GENERAL CONSTRUCTION NOTES

(C-1) ANY SIGNS AND/OR DELINEATORS WHICH ARE TO BE REMOVED DURING THIS PROJECT WILL BE STORED IN A PROTECTED AREA DESIGNATED BY THE RESIDENT ENGINEER, UNTIL SUCH A TIME THAT THEY ARE TO BE RESET BY THE CONTRACTOR. COST OF THIS WORK TO BE INCLUDED IN OTHER ITEMS OF WORK.

(C-2) EXISTING ROADWAY SHALL REMAIN OPEN DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BARRICADES, LIGHTS, AND SIGNING WITHIN THE LIMITS OF CONSTUCTION. ALL CONSTRUCTION SIGNING WILL BE IMPLEMENTED ACCORDING TO CONSTUCTION PLANS. CONSTRUCTION TRAFFIC CONTROL WILL BE INSTALLED IN A MANNER APPROVED BY THE ENGINEER, IN ACCORDANCE WITH CHAPTER VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (CURRENT EDITION), AND COMPLIANT WITH APPLICABLE O.D.O.T. STANDARD DRAWINGS.

(C-3) THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING TRAFFIC ON CROSS STREETS. A MINIMUM OF ONE LANE IN EACH DIRECTION SHALL BE MAINTAINED AT ALL TIMES.

(C-6) THE STRUCTURAL DESIGN OF ALL POLES, MAST ARMS, HIGH-MAST POLES, AND OTHER SUPPORTS FOR SIGNS, LUMINAIRES, AND SIGNALS AS WELL AS THEIR CONNECTIONS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AASHTO *STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS*. THE MANUFACTURER SHALL ENSURE THE FOLLOWING ARE APPLIED TO THE DESIGN:

THE MINIMUM DESIGN WIND SPEED AND DESIGN LIFE AS REQUIRED IN THE AASHTO SPECIFICATIONS;

THE CALCULATED STRESSES AND FORCES FROM THE DESIGN LOADINGS DO NOT EXCEED THOSE REQUIRED IN THE AASHTO SPECIFICATIONS;

A CATEGORY I FATIGUE IMPORTANCE FACTOR (I_F) FOR ALL STRUCTURES; NO VIBRATORY MITIGATION SHALL BE ALLOWED. TRUCK-INDUCED GUSTS SHALL BE APPLIED TO ALL OVERHEAD TRAFFIC SIGNAL SUPPORTS.

ALL MEMBERS ARE AT LEAST THE MINIMUM THICKNESS AS REQUIRED IN THE AASHTO SPECIFICATIONS;

LUMINAIRE MAST ARMS SHALL BE DESIGNED TO SUPPORT AT LEAST A 50 LB. (22.7 KG) LUMINAIRE WITH AN EFFECTIVE PROJECTED AREA OF 2.5 SQ.FT. (0.23 SQ.M.); THE ANCHOR BOLT DESIGN AND AMOUNT OF ANCHOR BOLTS TO BE USED SHALL BE AS REQUIRED IN THE AASHTO SPECIFICATIONS.

SIGNAL MAST ARMS AND POLES SHALL BE DESIGNED FOR SPECIFIC SIGNAL HEAD AND SIGN PLACEMENT.

UNLESS SITE SPECIFIC GEOTECHNICAL DATA IS AVAILABLE, FOUNDATIONS SHALL BE DESIGNED UTILIZING THESE PARAMETERS; SHEAR STRENGTH OF COHESIVE SOIL (C) OF 500 PSF, ANGLE OF INTERNAL FRACTION (Φ) OF 22 DEGREES, AND EFFECTIVE UNIT WEIGHT OF SOIL (Γ) OF 120 PCF.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SUMMARY OF PAY QUANTITIES AND NOTES–TRAFFIC OPERATIONS

STATE JOB NO. 38090(04) SHEET NO. AT02

OKLAHOMA COUNTY

4/30/2025 10:40:08 AM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SUMMARY OF SIGNS

ITEM NO.	APPROXIMATE			SIGN TYPE	REMOVE & RESET EXISTING SIGNS	POST TYPE		SIGN AREA	REMARKS
						SQUARE TUBE POST		SHEET ALUMINUM	
						2 1/4"			
					805(D)	851(C)		850(A)	
	STATION	LOCATION			EA	A	B	SF	
1	20+75.00	DANFORTH	RT	R1-1		10.50		5.18	NEW SIGN
2	22+32.00	DANFORTH	LT	R4-7		10.50		5.00	NEW SIGN
3	23+37.00	DANFORTH	LT	R1-1		10.50		5.18	NEW SIGN
4	23+59.00	DANFORTH	LT	(2)R6-1(R)		9.00		6.00	NEW SIGN
5	23+74.00	DANFORTH	LT	EXIST. PRIVATE PROPERTY	1.00	9.00			EXISTING SIGNS RELOCATED
6	23+89.00	DANFORTH	RT	R1-1		10.50		5.18	NEW SIGN
7	24+29.00	DANFORTH	LT	R2-1(40)		10.50		5.00	NEW SIGN
8	25+17.00	DANFORTH	LT	R1-1		10.50		5.18	NEW SIGN
9	25+20.00	DANFORTH	LT	R5-1a		10.00		6.00	NEW SIGN
10	25+55.00	DANFORTH	LT	R5-1a		10.00		6.00	NEW SIGN
11	26+80.00	DANFORTH	LT	R6-1(R)		9.00		3.00	NEW SIGN
12	26+92.00	DANFORTH	RT	R3-7(R)		10.50		6.25	NEW SIGN
13	27+44.00	DANFORTH	LT	EXIST. BUS STOP	1.00	10.00			EXISTING SIGNS RELOCATED
14	27+30.00	DANFORTH	LT	R6-1(R)		9.00		3.00	NEW SIGN
15	27+72.00	DANFORTH	LT	EXIST. ADOPT A STREET	1.00	10.00			EXISTING SIGNS RELOCATED
16	28+96.00	DANFORTH	LT	R4-7		10.50		5.00	NEW SIGN
17	30+92.00	DANFORTH	LT	R4-7		10.50		5.00	NEW SIGN
18	31+23.00	DANFORTH	LT	R6-1(R)		9.00		3.00	NEW SIGN
19	31+82.00	DANFORTH	RT	EXIST. ADOPT A STREET	1.00	10.00			EXISTING SIGNS RELOCATED
20	32+04.00	DANFORTH	LT	R6-1(R)		9.00		3.00	NEW SIGN
21	32+46.00	DANFORTH	LT	R6-1(R)		9.00		3.00	NEW SIGN
22	32+70.00	DANFORTH	LT	R3-7(R)		10.50		6.25	NEW SIGN
23	32+77.00	DANFORTH	RT	R1-1		10.50		5.18	NEW SIGN
24	33+55.00	DANFORTH	RT	R2-1(40)		10.50		5.00	NEW SIGN
25	33+95.00	DANFORTH	LT	R3-7(L)		10.50		6.25	NEW SIGN
26	34+70.00	DANFORTH	LT	R5-1a		10.00		6.00	NEW SIGN
27	34+70.00	DANFORTH	RT	R5-1a		10.00		6.00	NEW SIGN
28	35+05.00	DANFORTH	LT	R4-7		10.50		5.00	NEW SIGN
29	35+20.00	DANFORTH	LT	R1-1		10.50		5.18	NEW SIGN
30	35+89.00	DANFORTH	RT	R1-1		10.50		5.18	NEW SIGN
31	36+12.00	DANFORTH	RT	EXIST. BUS STOP	1.00	10.00			EXISTING SIGNS RELOCATED
32	36+42.00	DANFORTH	LT	R3-2		10.00		4.00	NEW SIGN
33	36+42.00	DANFORTH	LT	R1-1		10.50		5.18	NEW SIGN
34	38+48.00	DANFORTH	LT	R1-1, SP-1, SP-2		12.00		8.18	NEW SIGN
35	39+00.00	DANFORTH	RT	R1-1		10.50		5.18	NEW SIGN
36	39+03.00	DANFORTH	LT	EXIST. NBHD WATCH ASSN.	1.00	10.00			EXISTING SIGNS RELOCATED
37	40+85.00	DANFORTH	RT	R3-7(R)		10.50		6.25	NEW SIGN
38	102+03.00	KELLY AVE.	RT	R1-1, SP-3, SP-4		12.00		8.51	NEW SIGN
39	105+00.00	KELLY AVE.	RT	R1-1		10.50		5.18	NEW SIGN
40	94+24.00	KELLY AVE.	CL	R4-7		10.50		5.00	NEW SIGN
41	106+03.00	KELLY AVE.	LT	R6-1(R)		9.00		3.00	NEW SIGN
42	106+68.00	KELLY AVE.	LT	EXIST. ADOPT A STREET	1.00	10.00			EXISTING SIGNS RELOCATED
43	107+43.00	KELLY AVE.	LT	R6-1(R)		9.00		3.00	NEW SIGN
44	107+68.00	KELLY AVE.	LT	R2-1(40)		10.50		5.00	NEW SIGN
45	108+08.00	KELLY AVE.	LT	(2)R6-1(R)		9.00		6.00	NEW SIGN
46	108+89.00	KELLY AVE.	LT	R6-1(R)		9.00		3.00	NEW SIGN
47	109+07.00	KELLY AVE.	LT	R4-7		10.50		5.00	NEW SIGN
48	111+20.00	KELLY AVE.	RT	R4-7		10.50		5.00	NEW SIGN
49	111+57.00	KELLY AVE.	RT	EXIST. ADOPT A STREET	1.00	10.00			EXISTING SIGNS RELOCATED
50	112+75.00	KELLY AVE.	RT	(2)R6-1(R)		9.00		6.00	NEW SIGN
51	113+06.00	KELLY AVE.	LT	R3-7(R)		10.50		6.25	NEW SIGN
52	113+75.00	KELLY AVE.	RT	R6-1(R)		9.00		3.00	NEW SIGN
53	113+84.00	KELLY AVE.	RT	R2-1(45)		10.50		5.00	NEW SIGN
54	114+65.00	KELLY AVE.	LT	R1-1		10.50		5.18	NEW SIGN
55	114+90.00	KELLY AVE.	CL	(2)R6-1(R)		9.00		6.00	NEW SIGN
56	115+00.00	KELLY AVE.	LT	EXIST. OVERFLOW PARKING	1.00	9.00			EXISTING SIGNS RELOCATED
57	115+86.00	KELLY AVE.	RT	R6-1(R)		9.00		3.00	NEW SIGN
58	101+50.00	KELLY AVE.	LT	R1-1, SP-3, SP-5		12.00		8.51	NEW SIGN
59	101+82.00	KELLY AVE.	CL	(2)R6-1(R)		9.00		6.00	NEW SIGN
60	103+30.00	KELLY AVE.	RT	R6-1(R)		9.00		3.00	NEW SIGN
61	104+06.00	KELLY AVE.	RT	R6-1(R)		9.00		3.00	NEW SIGN
62	104+73.00	KELLY AVE.	RT	R6-1(R)		9.00		3.00	NEW SIGN
	TOTALS				**9.00**	**619.50**	**0.00**	**265.43**	

NOTE: LOCATION AND POST LENGTHS ARE APPROXIMATE. EXACT LOCATION AND POST LENGTHS SHALL BE APPPROVED BY THE ENGINEER.

SUMMARY OF STRIPING

TYPE	TRAFFIC STRIP (MULTI-POLYMER)			
	6" WIDE	8" WIDE	24" WIDE	ARROW
	856(A)	856(A)	856(A)	856(B)
	LF	LF	LF	EA
YELLOW	11,851.35	291.24		
WHITE	5,939.48		943.07	51.00
BLACK	2,975.76			
TOTALS	20,766.59	291.24	943.07	51.00

SUMMARY OF TRAFFIC CONTROL DEVICES

	CONSTRUCTION SIGNS 0 TO 6.25 SF		CONSTRUCTION SIGNS 6.26 TO 15.99 SF		CONSTRUCTION SIGNS 16.0 TO 32.99 SF		CONSTRUCTION BARRICADES (TYPE III)		WARNING LIGHTS (TYPE A)		DRUMS	
	880(B)		880(B)		880(B)		880(C)		880(E)		880(F)	
	NO. OF ITEMS	SD	NO. OF ITEMS	SD	NO. OF ITEMS	SD	NO. OF ITEMS	SD	NO. OF ITEMS	SD	NO. OF ITEMS	SD
PHASE 1	24.00		38.00		24.00		40.00		104.00		288.00	
PHASE 2	30.00		41.00		24.00		57.00		138.00		285.00	
PHASE 3	27.00		64.00		26.00		77.00		180.00		352.00	
PHASE 4	26.00		70.00		23.00		85.00		193.00		363.00	
PHASE 5	27.00		64.00		17.00		64.00		145.00		345.00	
TOTAL SIGN DAYS		210.00		210.00		210.00		210.00		210.00		210.00
TOTALS		**6,300.00**		**14,700.00**		**5,460.00**		**17,850.00**		**40,530.00**		**76,230.00**

SUMMARY OF TRAFFIC CONTROL STRIPING

	TRAFFIC STRIPE (PLASTIC) (24" WIDE)	PAVEMENT MARKING REMOVAL (TRAFFIC STRIPE)	PAVEMENT MARKERS CLASS A TYPE 1-A	PAVEMENT MARKERS CLASS A TYPE 2-D	PAVE MARKERS CLASS A TYPE 1-B
	855(A)	857(F)	858(A)	858(A)	858(A)
	LF	LF	EA	EA	LF
PHASE 1	28.00	4,500.00	1,164.00	1,683.00	0.00
PHASE 2	28.00	200.00	743.00	1,985.00	0.00
PHASE 3	56.00	2,160.00	1,123.00	2,520.00	0.00
PHASE 4	53.11	200.00	1,210.00	2,394.00	0.00
PHASE 5	53.11	0.00	554.00	152.00	2,616.00
TOTALS	**218.22** (1)	**7,060.00**	**4,794.00**	**8,734.00**	**2,616.00**

(1) QUANTITY FOR TEMPORARY STOP BARS

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SUMMARY SHEET–TRAFFIC
(SHEET 1 OF 1)

STATE JOB NO. 38090(04) SHEET NO. AT03

OKLAHOMA COUNTY

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REVISIONS		
NO.	DESCRIPTION	DATE

GENERAL CONSTRUCTION NOTES

THE STRUCTURAL DESIGN OF ALL POLES, MAST ARMS, HIGH-MAST POLES, AND OTHER SUPPORTS FOR SIGNS, LUMINAIRES, AND SIGNALS, AS WELL AS THEIR CONNECTIONS, SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS. THE MANUFACTURER SHALL ENSURE THE FOLLOWING ARE APPLIED TO THE DESIGN:

THE MINIMUM DESIGN WIND SPEED AND DESIGN LIFE AS REQUIRED IN THE AASHTO SPECIFICATIONS;

THE CALCULATED STRESSES AND FORCES FROM THE DESIGN LOADINGS DO NOT EXCEED THOSE REQUIRED IN THE AASHTO SPECIFICATIONS;

A CATEGORY I FATIGUE IMPORTANCE FACTOR (IF) FOR ALL STRUCTURES; NO VIBRATORY MITIGATION SHALL BE ALLOWED. TRUCK-INDUCED GUSTS SHALL BE APPLIED TO ALL OVERHEAD TRAFFIC SIGNAL SUPPORTS.

ALL MEMBERS ARE AT LEAST THE MINIMUM THICKNESS AS REQUIRED IN THE AASHTO SPECIFICATIONS;

LUMINAIRE MAST ARMS SHALL BE DESIGNED TO SUPPORT AT LEAST A 50 LB. (22.7 KG) LUMINAIRE WITH AN EFFECTIVE PROJECTED AREA OF 2.5 FT2 (0.23 M2); THE ANCHOR BOLT DESIGN AND AMOUNT OF ANCHOR BOLTS TO BE USED SHALL BE AS REQUIRED IN THE AASHTO SPECIFICATIONS.

SIGNAL MAST ARMS AND POLES SHALL BE DESIGNED FOR SPECIFIC SIGNAL HEAD AND SIGN PLACEMENT.

UNLESS SITE SPECIFIC GEOTECHNICAL DATA IS AVAILABLE, FOUNDATIONS SHALL BE DESIGNED UTILIZING THESE PARAMETERS: SHEAR STRENGTH OF COHESIVE SOIL (C) OF 500 PSF, ANGLE OF INTERNAL FRICTION (Φ) OF 22 DEGREES, AND EFFECTIVE UNIT WEIGHT OF SOIL (Γ) OF 120 PCF.

MINIMUM HAND HOLE SIZE OF 3 INCH WIDTH BY 5 INCH HEIGHT.

SYMBOLS AND LEGENDS ARE DIAGRAMMATIC ONLY AND LOCATIONS SHALL BE ADJUSTED FOR EXISTING FIELD CONDITIONS, BUT NO MAJOR ALTERATIONS OR RELOCATIONS WILL BE MADE WITHOUT FIRST CONSULTING WITH THE TRAFFIC ENGINEERING DIVISION AT (405)359-4775.

THIS PROJECT SHALL BE CONSTRUCTED WITHOUT CLOSING THE EXISTING ROAD TO LOCAL AND THROUGH TRAFFIC. SEE STANDARD SPECIFICATIONS FOR MAINTENANCE OF LOCAL AND THROUGH TRAFFIC.

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

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE HE MAY INFLICT TO THE EXISTING UNDERGROUND UTILITIES WITHIN THE PROJECT AREA AS A RESULT OF HIS DIGGING, TRENCHING, BORING, ETC.... PRIOR TO DIGGING NEAR THE UTILITIES, THE CONTRACTOR SHALL CALL FOR A LIST OF ALL UNDERGROUND FACILITIES REGISTERED IN THE AREA OF CONSTRUCTION LISTED WITH THE FOLLOWING AGENCIES:
THE "OKIE" NOTIFICATION CENTER 811 OR (405)522-6543 OR WWW.CALLOKIE.COM OR THE LOCAL COUNTY CLERK'S OFFICE.

THE CONTRACTOR SHALL PERMIT ALL WORK TO BE INSPECTED BY THE CITY/STATE PRIOR TO COVERING IT UP.

THE DEPTH OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

THE LOCATIONS OF ALL PULL BOXES, GROUND BOXES, CABINET FOUNDATIONS, AND STRUCTURES SHALL BE AS SHOWN IN THE PLANS AND MAY BE MOVED ONLY AS APPROVED BY THE ENGINEER IN WRITING.

ANY OBSTRUCTIONS TO EXISTING DRAINAGE DUE TO THE CONTRACTORS OPERATION WILL BE REMOVED BY THE CONTRACTOR AS REQUIRED BY THE ENGINEER AT THE CONTRACTORS ENTIRE EXPENSE.

THE CONTRACTOR SHALL REPLACE ALL PAVEMENT AND SIDEWALKS DAMAGED BY HIS FORCES DURING CONSTRUCTION IN LIKE KIND AT NO COST TO THE CITY.

THE CONTRACTOR SHALL TAKE CARE THAT THE EXISTING CURB GUTTER IS NOT DISCOLORED OR DAMAGED DURING HIS OPERATIONS, UNLESS PART OF WORK IDENTIFIED IN THE PLANS. IN THE EVENT OF DISCOLORATION, IT SHALL BE CLEANED AS DIRECTED BY THE ENGINEER AT THE CONTRACTORS SOLE EXPENSE. IN EVENT OF DAMAGE, IT SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S SOLE EXPENSE.

THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES OR THE UTILITY COORDINATING COMMITTEE FOR EXACT LOCATIONS PRIOR TO DRILLING FOR FOUNDATIONS OR ANY OTHER WORK THAT MIGHT INTERFERE WITH OR DAMAGE PRESENT FACILITIES. THE CONTRACTOR IS TO CONTACT THE APPROPRIATE UTILITY COMPANIES PRIOR TO MAKING ANY ADJUSMENTS. ANY DAMAGE DONE TO EXISTING WATER MAINS, GAS LINES, ETC., ARE TO BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE CITY. THE CONTRACTOR IS TO VERIFY ALL EXISTING WATER MAINS AND CONTACT THE CITY 48 HOURS PRIOR TO EXCAVATING NEAR WATER MAINS. ANY ADJUSTMENTS NECESSARY TO UTILITIES SHALL BE COORDINATED WITH THE CITY.

THE QUANTITIES PROVIDED IN THE SHEET SUMMARY TABLES ARE FOR INFORMATIONAL PURPOSES ONLY. ACTUAL PAY ITEMS SHALL BE BASED ON PAY QUANTITIES ONLY, ANY ITEM SHOWN IN THE SUMMARY SHEET, BUT OMITTED IN THE PAY ITEMS WILL BE CONSIDERED TO BE INCLUDED IN OTHER ITEMS OF WORK AND BE INCLUDED IN THE OVERALL COST OF THE PROJECT.

CONDUIT PLACED ON THE PROJECT SHALL HAVE A MINIMUM CLEARANCE OF SIX (6) FEET FROM BACK OF CURBS, UNLESS SUCH CLEARANCE SHALL INTERFERE WITH "STRAIGHT THROUGH" CONDUIT PLACEMENT. CONFLICT WITH RETAINING WALLS OR UTILITIES, OR INTRODUCTED ADDITIONAL OR UNNECESSARY RIGHT ANGLE BENDS INTO CABLE PATH. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING, WITH THE ENGINEER'S APPROVAL, THE PLACEMENT OF CONDUIT AND GROUND BOXES TO ENSURE THE "STRAIGHT THROUGH" CONDUIT CONCEPT AND AVOID THE FOREMENTIONED INTERFERENCE, CONFLICT, OR INTRODUCTION OF ADDITIONAL OR UNNECESSARY BENDS. THE MINIMUM PLACEMENT DEPTH OF THE CONDUIT SHALL BE 48 INCHES FOR ELECTRICAL, COMMUNICATION OR FIBER OPTIC UNLESS OTHERWISE APPROVED BY THE ENGINEER.

OPEN ENDS OF ALL CONDUIT SHALL BE FITTED WITH TEMPORARY CAPS OR PLUGS TO PREVENT ENTRY OF DIRT, DEBRIS, AND/OR RODENTS DURING CONSTRUCTION.

CONDUIT ENTRY TO ALL GROUND BOXES SHALL BE PERPENDICULAR TO THE PERFORATED SIDEWALL. THE CONTRACTOR SHALL NOT USE 90 DEGREE OR RIGHT ANGLE FITTINGS TO ACHIEVE PERPENDICULAR CONDUIT ALIGNMENT. WHERE APPROVED BY THE ENGINEER, THE CONTRACTOR MAY USE LONG RADIUS BENDS. LONG RADIUS BENDS SHALL HAVE A THREE (3) FOOT MINIMUM RADIUS. WHERE CONDUIT IS PLACED BY JACKING OR BORING, THE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING THE CONDUIT PLACEMENT TO ACCOMMODATE PERPENDICULAR ENTRY AND LONG RADIUS BENDS.

WITHIN THIRTY (30) DAYS AFTER THE AUTHORIZATION TO BEGIN WORK, THE CONTRACTOR SHALL PROVIDE TWO (2) COPIES OF DESCRIPTIVE MANUALS AND BROCHURES INCLUDING TABLE OF CONTENTS FOR EACH TYPE OF ELECTRONIC EQUIPMENT AND APPARATUS PROPOSED FOR THIS PROJECT. THERE DOCUMENTS SHALL CONTAIN SUFFICIENT TECHNICAL DATA FOR COMPLETE EVALUATION. INCOMPLETE DOCUMENTS WILL NOT BE ACCEPTED. THE QUALITY, FUNCTION AND CAPABILITY OF EACH DELIVERED ITEM SHALL BE DESCRIBED. MANUALS OR BROCHURES SHALL BE ORIGINALS OR COPIES EQUAL IN QUALITY TO THE ORIGINALS. WHERE A BROCHURE DESCRIBES SEVERAL SIMILAR ITEMS, THE SPECIFIC ITEM BEING SUBMITTED SHALL BE HIGHLIGHTED. WHERE AN ITEM HAS SEVERAL OPTIONS OR ACCESSORIES, THE CONTRACTOR SHALL HIGHLIGHT THE OPTIONS OR ACCESSORIES HE INTENDS TO DELIVER. ALL MANUALS, BROCHURES, AND DATA SHEETS RELATING TO A BID ITEM SHALL BE BOUND TOGETHER IN A FOLDER INDENTIFIED ON THE COVER WITH THE PROJECT NUMBER, TITLE, AND JOB NUMBER. THESE DRAWINGS SHALL BE PREPARED ON 11 X 17 INCH SHEETS, STAMPED WITH THE CONTRACTOR'S APPROVAL, SEQUENTIALLY NUMBERED AND IDENTIFIED AS TO PROJECT NUMBER, TITLE AND JOB NUMBER. THE ENGINEER, UPON APPROVAL OF THE SUBMITTAL, WILL INDICATE ANY CORRECTION TO THE DETAILS IN THE SUBMITTAL.

THE CONTRACTOR SHALL CORRECT ANY ERRORS IN THE SUBMITTAL, AS DIRECTED BY THE ENGINEER, AND IF REQUIRED, SHALL RESUBMIT TO THE ENGINEER TWO (2) COPIES OF THE SAME. UPON APPROVAL OF THE CORRECTED DRAWINGS AND EQUIPMENT, THE CONTRACTOR MAY BEGIN WORK. NO CHANGE WILL BE PERMITTED IN THE LIST OF EQUIPMENT OR SHOP DRAWINGS ONCE APPROVED, UNLESS AUTHORIZED BY THE ENGINEER IN WRITING.

EQUIPMENT SHALL NOT BE ACCEPTED FOR DELIVERY OR ANY PAYMENT MADE UNTIL THE EQUIPMENT MATERIAL LISTS AND SHOP DRAWINGS HAVE BEEN APPROVED BY THE ENGINEER. APPROVAL BY THE ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITIES TO MEET THE REQUIREMENTS OF THE SPECIFICATIONS AND PLANS.

THE CITY OF EDMOND, THROUGH ITS AUTHORIZED REPRESENTATIVE RETAINS THE RIGHT TO INSPECT ALL STRUCTURES, EQUIPMENT AND MATERIALS USED IN THE PROJECT BEFORE, DURING AND AFTER INSTALLATION. ALSO THE RIGHT TO INSPECT THE WORK DURING THE PROCESS OF FABRICATION OR MANUFACTURE FOR THE PURPOSE OF DETERMINING IF THE PLANS AND SPECIFICATIONS UPON WHICH THE AWARD WAS MADE ARE BEING COMPLIED WITH AND BEING SATISFIED AS TO THE QUALITY OF THE MATERIAL AND WORKMANSHIP. SUCH INSPECTIONS WILL NOT RELEASE THE CONTRACTOR FROM STRICT COMPLIANCE WITH SPECIFICATIONS WHEN THE WORK IS FINALLY COMPLETED AND OFFERED FOR ACCEPTANCE.

UPON FINAL SYSTEM ACCEPTANCE, THE CONTRACTOR SHALL FURNISH A SET OF "AS-BUILT" PLANS WHICH SHOW THE ACTUAL EQUIPMENT INSTALLED AND CONSTRUCTION DETAILS.

THE CONTRACTOR SHALL PROVIDE SYSTEM SUPPORT DURING THE ENTIRE PROJECT. THIS INCLUDES ANY REQUIRED REVIEWS, COMPLETE "PARTS AND LABOR" ON SITE MAINTENANCE UNTIL FINAL ACCEPTANCE BY THE CITY. OPERATIONAL SUPPORT DURING THE SYSTEM INTEGRATION AND MANUFACTURER'S WARRANTIES AND GUARANTIES SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE CITY.

THE CONTRACTOR SHALL VERIFY ALL MEASUREMENTS IN THE FIELD TO ENSURE ACCURACY AND IS SOLELY RESPONSIBLE FOR SAID ACCURACY.

PROPER CONSTRUCTION TRAFFIC CONTROL SHALL BE USED AT ALL TIMES BY THE CONTRACTOR OR ANY OF HIS SUBCONTRACTORS.

THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR PROVIDING COMPLETE ON-SITE PARTS AND LABOR SUPPORT FOR THE FURNISHING AND THE INSTALLATION OF THE TRAFFIC MANAGEMENT SYSTEM FOR THE DURATION OF THE ENTIRE PROJECT AND DURING THE WARRANTY PERIOD DURING THE PROJECT. THE CONTRACTOR SHALL MAKE ANY ADJUSTMENTS OR REPAIRS WHICH MAY BE REQUIRED AND CORRECT ANY DEFECTS OR DAMAGES THAT MAY OCCUR AT HIS EXPENSE.

DURING THE WARRANTY PERIOD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PARTS AND LABOR REQUIRED TO REPAIR, ON-SITE, ANY MANUFACTURER'S DEFECTS (MATERIAL OR WORKMANSHIP), DAMAGE CAUSED BY MANUFACTURER'S DEFECTS AND DAMAGE CAUSED BY THE CONTRACTOR DURING THE PERFORMANCE OF WARRANTY WORK. NATURAL DISASTERS OR OTHER EVENTS NOT DIRECTLY CONTROLLABLE BY THE CONTRACTOR ARE SPECIFICALLY EXEMPTED FROM WARRANTY.

DURING THE TEST PERIOD, THE CONTRACTOR SHALL MAKE ANY ADJUSTMENTS OR REPAIRS WHICH MAY BE REQUIRED AND REMEDY ANY DEFECTS OR DAMAGES THAT MAY OCCUR AT HIS EXPENSE.

NO TIME CHARGES WILL BE ASSESSED DURING THE TEST PERIODS PROVIDED ALL OTHER WORK IS COMPLETED TO THE SATISFACTION OF THE ENGINEER.

TRAINING FOR ALL ELECTRONIC EQUIPMENT WILL BE PROVIDED TO THE CITY BY THE CONTRACTOR, IF CERTIFIED BY THE MANUFACTURER, OR THROUGH A CERTIFIED MANUFACTURER REPRESENTATIVE.

ITS, WAVETRONIX AND CCTV GENERAL CONSTRUCTION NOTES

ALL CONDUIT SHALL BE SCHEDULE 80 PVC. HDPE IS ACCEPTABLE IN LIEU OF SCHEDULE 80. ALL CONDUIT RUNS SHALL START AND END AT GROUND BOX LOCATIONS.

FOR HDPE NO MORE THAN ONE FUSION JOINT PER 11500 FEET OF CONDUIT SHALL BE ALLOWED. FUSION COUPLING SHALL BE CPN: 5754062 PUSAMATIC FUSION COUPLER BY CENTRAL PLASTICS BOX 3129, SHAWNEE, OK 74802-3129, 405-273-8302 OR AN APPROVED EQUAL.

ALL BORING SHALL BE A MINIMUM OF 48 INCHES (FROM TOP OF PIPE) BELOW THE ROADWAY/PAVED SHOULDER/CURB/SIDEWALK. ADDITIONAL DEPTH MAY BE NEEDED FOR BORES TO ENSURE 48" MINIMUM DEPTH UNDER ROADWAY/PAVED SHOULDER/CURB/SIDEWALK IS MAINTAINED.

"POLY PIPE" MATERIAL SHALL BE HIGH DENSITY POLYETHYLENE (REFER TO STANDARD SPECIFICATION 709.02 (B) EXCEPT THE FOLLOWING REQUIREMENTS MUST BE MET :
- NEMA TC2-2, GRADE 34, 100% VIRGIN RESIN MATERIAL AND PRE – LUBRICATED.

ALL CONDUIT TERMINATIONS WILL BE PROTECTED WITH DUST CAPS. EACH CAP MUST BE SECURED BY TAPE. ANY CONDUIT LEFT EXPOSED OVERNIGHT SHALL HAVE PROTECTIVE DUST CAPS INSTALLED AND SECURED. (TAPE ALONE SHALL NOT BE PERMITTED).

CONDUIT IDENTIFIED AS TRENCH MAY BE BORED AT THE CONTRACTOR'S DISCRETION, REQUIRING APPROVAL BY THE CITY. IF THE CONTRACTOR DETERMINES BORING IS A MORE EFFICIENT AND COST EFFECTIVE MEANS OF INSTALLING THE CONDUIT. THIS CONDUIT WOULD BE PAID FOR AT TRENCH COST. CONDUIT RUNS ARE APPROXIMATE. ACTUAL ALIGNMENT OF RUNS MAY BE ALTERED WITHIN CITY R.O.W WITH TRAFFIC ENGINEERING DEPARTMENT APPROVAL.

NO JOINT OR KINKS OF ANY TYPE WILL BE ALLOWED IN THE UNDERGROUND POLY CONDUIT RUNS. ALL CONDUIT BORED SHALL BE REPLACED IN LARGER SLEEVES, ANY CONDUIT THAT IS DAMAGED OR KINKED WILL BE REPLACED BY THE CONTRACTOR AT HIS COST.

INSTALL PULL TAPE IN FIBER OPTIC BACKBONE CONDUIT AFTER INSTALLATION

ANY DAMAGE TO THE CONDUIT (KINK, TIRING, CUTTING, ETC.) WILL RESULT IN THE CONDUIT BEING REJECTED AND REPLACED WITH NEW CONDUIT AT THE CONTRACTOR'S EXPENSE.

CONDUIT ENTRANCE INTO A GROUND BOX SHALL BE SEALED. EXCESSIVE CHIPPING OF GROUND BOX WALL SHALL BE AVOIDED.

THE INSTALLATION OF FIBER OPTIC CABLE, SPLICE, AND TERMINATIONS SHALL BE THE RESPONSIBILITY OF THE FIBER CONTRACTOR. THE FIBER CONTRACTOR SHALL BE REQUIRED TO MEET ALL SPECIFICATIONS OF THE "FIBER OPTIC CABLE, TERMINATIONS AND SPLICING REQUIREMENTS". NO WORK ON ANY PORTION OF THE FIBER OPTIC SYSTEM SHALL BE PREFORMED BY ANYONE OTHER THAN THE FIBER CONTRACTOR.

ANY INCIDENTAL WORK REQUIRED WHILE TRENCHING OR BORING FOR POLY CONDUIT RUNS, SUCH AS REMOVING AND OR REPLACING OF EXISTING FENCES OR SIDEWALK. SHALL BE INCLUDED IN THE PRICE BID FOR TRENCHING OR BORING CONDUIT PAY ITEMS, ANY DAMAGE TO FENCES, SIDEWALK, BUILDING, COMM HUTS & CABINET, ETC. SHALL BE REPAIRED TO THE ENGINEER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.

PREPARATION OF EXISTING CONDUIT, CABLING, AND AREA AROUND THE EXISTING PULL BOX TO ALLOW FOR THE INSTALLATION OF NEW PULL BOX WITHOUT DAMAGE TO EXISTING INFRASTRUCTURE. ANY DAMAGE TO EXISTING CONDUIT OR CABLING AS RESULT OF THE REMOVAL OF THE EXISTING PULL BOX MUST BE REPLACED AT THE CONTRACTORS EXPENSE.

A XHHW OR THIN AWG #10 CONDUCTOR CABLE SHALL BE INSTALLED INSIDE CONDUIT FOR FIBER OPTIC INSTALLATION TO SERVE AS A TONER LOCATOR CABLE. MARKER TEST POSTS SHALL BE INSTALLED BY THE GROUND BOXES CLOSEST TO THE CABINETS.

A XHHW OR THIN AWG #4 GROUNDING CONDUCTOR SHALL BE INSTALLED AS SYSTEM GROUNDING CONDUCTOR, AS SHOWN IN THE PLANS, TO PROVIDE A SYSTEM GROUND BETWEEN SIGNAL CABINET AND TRAFFIC SIGNAL POLES AT EACH INTERSECTION. CONDUCTOR SHALL BE INSULATED GREEN. COST TO BE INCLUDED IN THE PRICE BID FOR THE CONDUIT.

ALL EXISTING DEVICES TO REMAIN INSIDE THE EXISTING CABINETS.

THE FIBER OPTIC CABLE SHALL BE PULLED WITH MULE TAPE BY NEPTCO INC. NO GRATER THAN A 600 POUND PULL STRENGTH.

STANDARD FIBER OPTIC CABLE SHALL MEET INDUSTRY STANDARDS FOR CORNING SMF-96 OR SMF-12 FIBER OPTIC CABLE. THE CABLE SHALL COMPLY WITH FED RUS-1755.900 AND BE SINGLE MODE CORNING ALTOS TYPE PART NUMBER 096EUC-T14101 D20 FOR 96 SM FIBER OR PART NUMBER 012EUC-T14101 D20 FOR 12 SM FIBER . THE FIBER ATTENUATION LOSS SHALL NOT BE GREATER THAN 0.5 DB/KM.

SPLICING WILL BE DONE BY THE FUSION WELD METHOD AND WELDING PROCESS SHALL BE SPECIFICALLY DESIGNED FOR SPLICING SINGLE MODE FIBERS IN BOTH THE LVD AND OVD DESIGN.

THE PAYMENT FOR TERMINATION & SPLICING SHALL BE PAID FOR AS FOLLOWS:

THE SPLICING ON THE PIGTAIL CONNECTORS (WHERE NEEDED IN CABINETS) SHALL BE PAID FOR AS PART OF THE FIBER OPTIC CABLE PAY ITEM. ALL TERMINATIONS SHALL BE A SPLICED ON PIGTAIL OR UNICAM CONNECTORS. NO HAND POLISHED CONNECTORS SHALL BE ALLOWED.

SPLICES IN THE FIELD OR GROUND BOXES AT BRANCH LOCATIONS SHALL BE PAID UNDER THE FIBER OPTIC CABLE PAY ITEM. SUPPLEMENTAL SPLICES ALONG THE BACKBONE SHALL NOT BE PAID FOR AND SHALL BE CONSIDERED PART OF THE CABLE AND PAID FOR UNDER THE FIBER OPTIC CABLE PAY ITEM

MAXIMUM ALLOWABLE OPTICAL LOSS VALUES USING FOTP-171 TEST METHOD:
FUSION SPLICE: 0.1 DB
PIGTAIL CONNECTORS: 0.375 DB
UNICAM CONNECTORS: 0.5 DB

CONTRACTOR SHALL SUPPLY SPLICE FORMS INDICATING SPLICER'S NAME, COMPANY NAME, ROUTE JOB NUMBER, ROUTE SEGMENT, SPLICE LOCATIONS, SEQUENTIAL, MARKINGS AT THE FIBER TERMINATION BOX AND AT THE ENTRANCE WALL, THE LOSS OF EACH SPLICE, TIME, DATE AND REEL NUMBER. SUBMIT TO THE CITY IN PDF FORMAT FOR REVIEW AND APPROVAL. CITY IT DEPARTMENT WILL REVIEW TEST RESULTS AND INSTALLATION PROCEDURES AND PROVIDE ACCEPTANCE OF THE FIBER OPTIC CABLE INFRASTRUCTURE ON THE PROJECT.

CONTRACTOR SHALL PROVIDE "AS BUILT" DOCUMENTATION FOR ALL FIBER OPTIC CABLE ROUTES (TO/FROM) INDIVIDUAL FIBERS, TERMINATIONS, SPLICES, FINAL DESTINATIONS AND OTDR AND LIGHT METER READINGS.

THE CONTRACTOR IS RESPONSIBLE FOR RESPONDING TO ALL SIGNAL OUTAGES FROM THE DATE OF NOTICE TO PROCEED THROUGH FINAL RELEASE OF RETAINAGE. IF THE CITY RECEIVES NOTICE THAT A TRAFFIC SIGNAL WITHIN THE PROJECT IS ON FLASH, OR NOT OPERATING CORRECTLY, THE CITY WILL IMMEDIATELY NOTIFY THE CONTRACTOR, AND FROM THAT TIME POINT, THE CONTRACTOR WILL HAVE A QUALIFIED SIGNAL TECHNICIAN ONSITE WITHIN 2 HOURS. A REMEDY SHALL BE ESTABLISHED WITHIN 4 HOURS AND NOTICE SHALL BE GIVEN TO THE CITY TO WHAT ACTIONS ARE REQUIRED TO REACH NORMAL OPERATION, IF NOT IMMEDIATELY CORRECTED. SHOULD THE CITY REQUIRE THEIR STAFF TO RESPOND TO A TROUBLE CALL, THE CONTRACTOR SHALL BE CHARGED FOR THE TOTAL STAFF TIME RESPONDING TO THE CALL AT A CHARGED RATE OF $100 PER HOUR PER PERSON WHICH INCLUDES LABOR AND VEHICLE COST. ANY EQUIPMENT PROVIDED BY THE CITY SHALL BE CONSIDERED ON LOAN, AND SHALL BE REPLACED TO CITY INVENTORY WITHIN 7 CALENDAR DAYS WITH SAME OR NEWER EQUIPMENT.

MICHAEL S. HOFENER, P.E. # 23310
C.A. # 1160, RENEWAL 06-30-25

03-15-25
DATE

Traffic Engineering Consultants, Inc.
2770 Washington Dr., Suite 100 - Norman Ok 73069,
Ph: 405-720-7721, Web: www.tecusa.com

REGISTERED PROFESSIONAL ENGINEER
MICHAEL S. HOFENER
23310
OKLAHOMA

Design	RWR	04-04-25
Drawn	SB	04-04-25

TEC A CLEAR DIRECTION

PAY QUANTITIES AND NOTES -TRAFFIC SIGNALS

State Job No. 38090(04) Sheet No. AT04

OKLAHOMA COUNTY

04-04-25 G:\0Projects\T-2800 - SD_SignalDesign at Danforth and Kelly - Edmond, OK\CAD\AT04-240406-PAY QUANTITIES AND NOTES TRAFFIC SIGNALS.dgn

PAY QUANTITY NOTES

(TL-35) SEE SERVICE POLE SCHEDULE; FOR ADDITIONAL INFORMATION CONCERNING THE SERVICE POLE, CONTACT THE FOLLOWING PRIOR TO INSTALLATION:
PERSON'S NAME.....HAMZAH AL-RASHDAN
WITH THE COMPANY/CITY OF.....EDMOND.
COMPANY'S/CITY'S TELEPHONE NO. (405) 359-4775.

(TP-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY. SEE THE 2009 SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

(1) CONCRETE PULL BOXES WITH CONCRETE APRONS SHALL BE USED ON THIS PROJECT. PULL BOX LIDS SHALL BE A POLYMER CONCRETE.

(2) ALL SIGNAL POLE AND MAST ARM ASSEMBLIES SHALL CONFORM TO ODOT MINIMUM STANDARDS, INCLUDING WIND AND ICE LOADING. SIGNAL POLE, MAST ARM AND LUMINAIRE ARM ASSEMBLIES SHALL BE PELCO PART NUMBERS SP-3158-OK-XX-120-P59 THAT INCLUDE THE ORNAMENTAL POLE TOPS, ORNAMENTAL POLE BASES AND ANCHOR BOLTS, OR APPROVED EQUAL AS DETERMINED, FOR THIS PROJECT, BY WRITTEN PRE-APPROVAL NOTICE FROM THE CITY OF EDMOND. ALUMINUM POLE TOPS AND POLE BASES SHALL BE POWDER COATED TEXTURED BLACK (P59). ALL SIGNAL POLES THAT HAVE LUMINAIRES SHALL HAVE A 4"X6" REINFORCED HAND HOLE WITH GALVANIZED AND POWDER COATED P59 COVER AT THE MAST ARM. ALL SIGNAL POLES SHALL HAVE ITC ACCESS COMPARTMENT ASSEMBLY WITH COMPRESSION TYPE TERMINAL BLOCKS IN ACCORDANCE WITH PELCO PART NUMBER AP-1083-65A-PNC, WITH THE COVER, OR APPROVED EQUAL AS DETERMINED, FOR THIS PROJECT, BY WRITTEN PRE-APPROVAL NOTICE FROM THE CITY OF EDMOND.

(3) THIS PAY ITEM IS TO BRING POWER TO THE CONTROLLER CABINET FROM THE SERVICE POLE.

(4) THE TRAFFIC SIGNAL CONTROLLERS ON THIS PROJECT SHALL BE INTELIGHT TS2 TYPE 1 (INT-YCT-XN-1) PER CITY OF EDMOND SPECIFICATION E1001.

(5) THE TRAFFIC SIGNAL CABINETS SHALL BE HENKE ENTERPRISES PER CITY OF EDMOND SPECIFICATION E1002. PEDESTRIAN ISOLATION SHALL BE PROVIDED IN THE CONTROLLER CABINET. ALL N.E.M.A. FUNCTIONS SHALL TERMINATE IN THE CONTROLLER CABINET.

(6) THE CONFLICT MONITOR SHALL BE A MMU 16 LCD, EDI BRAND, OR APPROVED EQUAL AS DETERMINED, FOR THIS PROJECT, BY WRITTEN PRE-APPROVAL NOTICE FROM THE CITY OF EDMOND.

(7) ALL CABINET FOUNDATIONS SHALL HAVE A PVC SLEEVE INSTALLED BEFORE THE CONCRETE IS POURED, IN ORDER FOR A GROUND ROD TO BE INSTALLED IN THE SLEEVE AND THUS PREVENT THE GROUND ROD FROM BEING EMBEDDED IN CONCRETE.

(8) THE SURGE PROTECTORS TO BE SUPPLIED ON THIS PROJECT FOR THE TRAFFIC SIGNALS SHALL BE SERIES SURGE PROTECTOR DEVICE (SPD) 130 K, OR APPROVED EQUAL AS DETERMINED, FOR THIS PROJECT, BY WRITTEN PRE-APPROVAL NOTICE FROM THE CITY OF EDMOND.

(9) ROADWAY FIXTURES SHALL BE LEXINGTON LED, PELCO PART NO. AP-7524-97W-60-LED-4K-120V-NPC-T3PL-SHA-P59, OR APPROVED EQUAL AS DETERMINED, FOR THIS PROJECT, BY WRITTEN PRE-APPROVAL NOTICE FROM THE CITY OF EDMOND. THESE FIXTURES SHALL BE BLACK IN COLOR. LUMINIARE ARMS ON SIGNAL POLES TO BE WELDMONT SINGLE 10' ARMS, MAJESTIC SERIES I, PELCO PART NO. AP-8346, OR APPROVED EQUAL AS DETERMINED, FOR THIS PROJECT, BY WRITTEN PRE-APPROVAL NOTICE FROM THE CITY OF EDMOND. ARMS ARE TO BE POWDER COATED TEXTURED BLACK (P59) OVER HOT DIPPED GALVANIZE.

(10) THIS PROJECT WILL REQUIRE AUDIBLE SIGNAL CAPABILITIES. THE PEDESTRIAN PUSH BUTTON ASSEMBLY SHALL BE AN INTELLICROSS SYSTEM PER CITY OF EDMOND SPECIFICATION E1005.

(11) RED, YELLOW, AND GREEN LENSES SHALL HAVE LED'S WITH 2000 MILICENDELA (MCD)PER LED AND SHALL CONFORM TO THE ITE VEHICLE TRAFFIC CONTROL SIGNAL HEADS (VTCSH) STANDARD IN EFFECT AT THE TIME OF ORDER PLACEMENT. DURALIGHT TRASTAR BRAND SHALL BE USED, OR APPROVED EQUAL AS DETERMINED, FOR THIS PROJECT, BY WRITTEN PRE-APPROVAL NOTICE FROM THE CITY OF EDMOND AND ALL SIGNAL LEDS SHALL BE DURALIGHT.

CONTRACTOR SHALL SUPPLY BLACK SIGNAL HEADS. ALL MOUNTING HARDWARE SHALL ALSO BE PAINTED BLACK.

ALL SIGNAL HEADS SHALL BE MOUNTED WITH PELCO ASTRO BRAC CABLE MOUNTING ASSEMBLIES, OR APPROVED EQUAL. SIGNAL HEAD WIRING SHALL BE INTERNAL TO HEAD BRACKET IN ORDER TO MINIMIZE WIRING VISIBILITY.

(12) ECOLUX LED INTERNATIONAL HEADS DISPLAYING FULLY ILLUMINATED SYMBOLS (WALKING PERSON AND UPRAISED HAND) SHALL BE REQUIRED ON THIS PROJECT, OR APPROVED EQUAL AS DETERMINED, FOR THIS PROJECT, BY WRITTEN PRE-APPROVAL NOTICE FROM THE CITY OF EDMOND. 5 CONDUCTOR WIRE SHALL BE USED FOR ALL S-20 SIGNAL HEADS.

(12A) LED COUNTDOWN PEDESTRIAN SIGNALS SHALL BE USED. 5 CONDUCTOR WIRE SHALL BE USED FOR ALL S-20 SIGNAL HEADS.

(13) THE HAND HOLES AT THE BASE OF THE POLES SHALL BE PLACED AT 135 DEGREE ANGLES FROM THE MAST ARMS IN ORDER TO AVOID CONFLICTS WITH THE PEDESTRIAN PUSH BUTTONS AND SIGNS BEING INSTALL ON THIS PROJECT.

(14) ALL SIGNAL BACKPLATES ON THIS PROJECT SHALL BE VACUUM FORMED 0.125 BLACK UV STABILIZED PLASTIC WITH A 5/8" FLANGE ON ALL SIDES. THE BACKPLATES FOR 5 SECTION SIGNAL HEADS SHALL BE PELCO PART NUMBER BK 1007 SERIES WITH STIFFENER.

(15) QUANTITY FOR THIS ITEM INCLUDES ENOUGH QUANTITY TO RUN FROM THE PEDESTRIAN PUSH BUTTONS TO THE TERMINAL STRIP AT THE BASE OF THE POLES.

(16) THE PRIORITY CONTROL SYSTEM SHALL INTERFACE WITH THE TRAFFIC CONTROLLER TO GIVE EMERGENCY VEHICLES APPROACHING THE INTERSECTION A GREEN WITH ALL OTHER INDICATIONS BEING RED. THE SYSTEM SHALL BE CAPABLE OF TWO PRIORITY LEVELS AND LOG THE LAST 100 EVENTS WITH TIME DATE STAMP. EMITTER SHALL BE SELECTABLE TO TRANSMIT UP TO 9999 VEHICLE CODES. ALL EQUIPMENT IN THE SYSTEM SHALL MEET NEMA ENVIRONMENTAL STANDARDS.

THE MANUFACTURER OR MANUFACTURER'S REPRESENTATIVES SHALL PROVIDE ASSISTANCE TO THE CONTRACTOR OR AGENCY INSTALLING THE EQUIPMENT AS TO THE BEST LOCATION FOR THE DETECTOR PLACEMENT AT EACH INTERSECTION INVOLVED WITH THE PROJECT. ALL EQUIPMENT MUST BE PLAINLY MARKED AS TO THE MANUFACTURER OF THE EQUIPMENT TO PROVIDE CLEAR IDENTIFICATION AS TO THE MANUFACTURER'S MODEL AND SERIAL NUMBER OF EACH UNIT. NEMA CERTIFICATION, TEST REPORTS SHALL BE PROVIDED UPON REQUEST BY THE ENGINEER.

(16A) QUANTITY SHOWN IS THE NUMBER OF 4-CHANNEL PHASE SELECTORS WHICH WILL BE REQUIRED ON THIS PROJECT. THE PHASE SELECTOR SHALL BE GTT MODEL 764 PHASE SELECTORS IN ORDER TO BE COMPATIBLE WITH THE CURRENT EQUIPMENT IN USE BY THE CITY OF EDMOND OR APPROVED EQUAL AS DETERMINED, FOR THIS PROJECT, BY WRITTEN PRE-APPROVAL NOTICE FROM THE CITY OF EDMOND. THE CONTRACTOR SHALL DELIVER THE 764 CARD TO THE CITY FOR PROGRAMMING BEFORE INSTALLING IT ON THIS PROJECT. CONTRACTOR TO SUPPLY A FULLY FUNCTIONAL, EXCLUSIVE IRREVOCABLE ONE LICENSE OF ONE INTERSECTION FOR THE OPTICOM CENTRAL MANAGEMENT SOFTWARE IN THE NAME OF THE CITY OF EDMOND FOR USE WITH PREEMPTION FIELD DEVICES MANUFACTURED BY GLOBAL TRAFFIC TECHNOLOGIES.

(16B) THE OPTICAL DETECTOR TO BE USED ON THIS PROJECT SHALL BE GTT MODEL 721 OPTICAL DETECTORS IN ORDER TO BE COMPLETELY COMPATIBLE WITH THE OPTICAL DETECTORS CURRENTLY IN USE BY THE CITY OF EDMOND, OR APPROVED EQUAL AS DETERMINED, FOR THIS PROJECT, BY WRITTEN PRE-APPROVAL NOTICE FROM THE CITY OF EDMOND.

(17) CONTROLLERS SHALL BE EQUIPPED WITH A TESCO DUAL CONVERSION CLASS 22-00 BBS/22-000 SPL-AP UNIT PER CITY OF EDMOND SPECIFICATION E1003, OR APPROVED EQUAL AS DETERMINED, FOR THIS PROJECT, BY WRITTEN PRE-APPROVAL NOTICE FROM THE CITY OF EDMOND.

(18) THE UNDERGROUND UTILITY MARKING TAPE SUPPLIED ON THIS PROJECT SHALL BE A MINIMUM OF 4 MIL THICKNESS, 6 INCH WIDE, POLYETHYLENE TAPE. THE COLOR SHALL BE IN ACCORDANCE WITH APWA UNIFORM COLOR CODE. TAPE USED TO MARK UNDERGROUND CABLE SHALL BE SAFETY RED COLOR WITH LEGEND CAUTION-ELECTRICAL LINE BURIED BELOW. THE TAPE SHALL BE SIMILAR TO REEF INDUSTRIES, INC. STOCK NO. 0571415, OR APPROVED EQUAL. TAPE TO BE INSTALLED A MINIMUM OF TWO FEET ABOVE CONDUIT. THE COST OF THE TAPE SHALL BE INCLUDED IN THE TRENCHING. THE TRENCH SHALL BE BACKFILLED IN APPROX. 6 INCH LAYERS, AND TAMPED TO 95 PERCENT DENSITY OF SURROUNDING EARTH. SEE ODOT STD. CCD1-1-(LATEST REVISION).

(19) 3" PVC SCHEDULE 80 CONDUIT IS TO BE USED WHEN THE PLANS SHOW IT TO BE INSTALLED UNDER THE INTERSECTION PAVEMENT.

(20) REFLECTIVE SHEETING SHALL BE 3M BRAND DG3 (SERIES 4000) SHEETING OR AN ASTM CLASS XI APPROVED EQUAL.

(21) MAST ARM MOUNTED STREET NAME SIGNS SHOWN ON THE PLANS ARE LARGER THAN THE MAXIMUM SIZE USED IN STANDARD ODOT POLE AND FOOTING DESIGNS. THE CONTRACTOR AND SUPPLIER SHALL PROVIDE CERTIFICATION AND DESIGN CALCULATIONS FOR HIGHER LOADING REQUIREMENTS.

(22) THE PEDESTRIAN POLES SHALL MEET THE DECORATIVE SPECIFICATIONS OF THE TRAFFIC SIGNAL POLES AS DESCRIBED IN NOTE 2 IN ORDER TO BE COMPARABLE WITH THE DESIGN OF THE SIGNAL POLES.

(23) DURALIGHT JXM-STN SERIES LED INTERNALLY ILLUMINATED STREET NAME SIGNS SHALL BE USED ON THIS PROJECT FOR THE MAST ARM SIGNS. UNITS TO MOUNT USING THE RIGID BACK MOUNT. THE LED LIGHTS SHALL BE CONTROLLED BY ONE (1) PHOTOCELL THAT TURNS THEM ON/OFF. ONE (1) PHOTOCELL SHALL BE MOUNTED ON THE TOP OF THE CONTROLLER CABINET IN ORDER TO CONTROL THE INTERNALLY LIT STREET NAME SIGNS AND THE SIGNAL LUMINAIRES.

(24) CONDUIT AND GROUND BOXES FOR SIGNAL INTERCONNECT ARE SHOWN ON THE LIGHTING SHEETS. THE GROUND BOXES ARE A CITY OF EDMOND SPECIAL DESIGN. SEE SHEETS T031 AND T032 FOR DETAILS.

(26) PAY ITEM IS FOR THE INSTALLATION OF THE SIGNAL EQUIPMENT AND PERFORMANCE OF ALL TASKS LISTED BELOW FOR THE NEW TRAFFIC SIGNALS AT KELLY AVE. AND DANFORTH RD. AND KELLY AVE. AND HAWTHORNE LN. IN ACCORDANCE WITH ALL PERTINENT DETAILS IN THE PLAN SHEETS AND ALL PERTINENT PAY QUANTITY NOTES AND ITS PLAN NOTES SHOWN IN THE PLANS.

- IP CCTV ON TOP OF SIGNAL POLES SHOWN IN THE PLANS
- HARDENED ETHERNET SWITCH
- NEW BATTERY BACKUP UNITS. THE BATTERY BACKUP UNITS FOR THE EXISTING TRAFFIC SIGNAL SHALL REMAIN THE PROPERTY OF THE CITY OF EDMOND AND SHALL BE REMOVED AND DELIVERED TO THE EDMOND TRAFFIC CONTROL DEPARTMENT.
- WAVETRONIX DETECTION DEVICES AS SHOWN IN THE PLANS.

ALL CONNECTORS, WIRE AND PERTINENT EQUIPMENT IN ORDER FOR THESE ITEMS TO BE PROPERLY INSTALLED AND FULLY OPERATIONAL TO THE SATISFACTION OF THE ENGINEER AND IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS SHALL BE INCLUDED IN THE PRICE BID FOR THIS ITEM.

COST BID FOR THIS ITEM INCLUDES TEN 2-CHANNEL RENO 332/170 MODEL C AND EIGHT 4 CHANNEL CANOGA 9004 VEHICLE/BICYCLE DETECTOR CARDS. CARDS SHALL BE ASSIGNED TO SPECIFIC TERMINALS AS SHOWN ON SHEET T050.

(27) COST BID FOR THIS ITEM ALSO INCLUDES THE FOLLOWING EQUIPMENT:

2 EA – FIELD HARDENED ETHERNET SWITCH PER CITY OF EDMOND SPECIFICATION E1004 TO BE INSTALLED INSIDE PROPOSED TRAFFIC SIGNAL CABINETS WITH A MINIMUM 16-10/100/100 BASE-TX RJ 45 PORTS (8MUST SUPPORT POE+) AND 4- COMBO SFP PORTS. ONE (1) GB FIBER SPF CISCO MODULE SHALL BE PROVIDED WITH EACH CISCO SWITCH ORDER. THE SWITCH MUST BE BOUGHT FROM AN AUTHORIZED CISCO RESELLER AND DISTRIBUTOR IN THE CITY OF EDMOND'S NAME. THE CISCO SWITCH WILL INCLUDE SMARTNET SERVICES AND THIS SMARTNET WILL BE REGISTERED IN THE NAME OF CITY OF EDMOND.

2 EA – POWER SUPPLY ENABLING POE+ SUPPORT

CONTRACTOR TO DELIVER ETHERNET SWITCH SUPPLIED FOR THE PROJECT TO THE IT DEPARTMENT FOR IP PROGRAMING AND CONFIGURATION. CONTACT TOM MINNICK AT 405-359-4775 48 HOURS PRIOR TO DELIVERY TO IT DEPARTMENT.

OUTDOOR RATED CATEGORY 6A ETHERNET CABLE CONFORMING TO ANSI/TIA/EIA-568-B-2 LENGTH OGF THE CABLE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR RESPONSIBLE FOR VERIFICATION.

CONTRACTOR SHALL USE PLATIUM TOOLS EZ-RJ 45 CAT 6A SHIELDED CONNECTIONS ON ALL OF THE OUTDOOR RATED CAT 6A ETHERNET CABLE.

5,000 LF – OUTDOOR RATED CATEGORY 6A ETHERNET CABLE (TO SUPPORT CCTV'S).

(28) THE FIBER OPTIC DROP CABLES FOR EACH TRAFFIC SIGNAL CABINET SHALL MEET INDUSTRY STANDARDS FOR CORNING SMF -12 FIBER OPTIC CABLE. THE CABLE SHALL COMPLY WITH FED RUS -1755.900 AND BE SINGLE MODE CORNING ANYLAN SYSTEMS AS DETAILED ON (SHEET T028) THE FIBER ATTENUATION LOSS SHALL NOT BE GREATER THAN 0.75DB/KM.

THE QUANTITY FOR THE FIBER OPTIC CABLE INCLUDES ENOUGH CABLE FOR THE ENTIRE CONDUIT RUN, WITH AN ADDITIONAL 25 FEET (12 SM FIBER) IN EACH CABINET, AN ADDITIONAL 50 FEET (12 SM FIBER) IN EACH GROUND BOX, AND ADDITIONAL 100 FEET (96 SM FIBER) IN EACH GROUND BOX ALONG THE BACKBONE.

THE QUANTITY INCLUDES ALL LABOR, MATERIALS, AND APPURTENANCES NECESSARY FOR FIBER OPTIC CABLE SPLICE OR TERMINATION. ALL SPLICES TO TERMINATIONS SHALL BE OTDR AND LIGHT METER TESTED, DOCUMENTED AND MUST CONFORM TO THE SPECIAL PROVISION "FIBER OPTIC CABLE, TERMINATIONS AND SPLICING REQUIREMENTS". ANY SPLICE OR TERMINATION THAT FALLS OUTSIDE THIS SPECIAL PROVISIONS SPECIFICATIONS SHALL BE REMOVED AND RE-SPLICED OR RE-TERMINATED AT THE CONTRACTOR'S EXPENSE.

THE COST OF THIS ITEM IS TO INCLUDE THE INSTALLATION OF PATCH PANEL AND ALL MATERIALS, INSTALLATION AND APPURTENANCES NECESSARY FOR THE PLACEMENT OF THE PATCH PANEL AND SPLICE ENCLOSURE. FACTORY TERMINATED SC PIGTAIL CONNECTORS SHALL BE USED TO SPLICE TO INCOMING SM FIBER, UNLESS OTHERWISE DESCRIBED IN THE PLANS.

(29) PROVIDE H-20 LOADING TORSION ASSISTED GALVANIZED STEEL FIBER GROUND BOX COVER BY INWESCO INCORPORATED, TO BE INTEGRATED WITH POLYMER CONCRETE FIBER OPTIC GROUND BOXES. COVER TO BE CAST IN POLYMER CONCRETE GROUND BOX, PROVIDE SKID RESISTANT COVER WITH LOCKING KICKSTAND, LIFTING HANDLE, AND INTEGRATED PADLOCK BOX ON THE COVER (SEE COVER SPEC DETAIL SHEETS T031 AND T032) THE INWASCO COVER ONLY FOR THE NEW FIBER GROUND BOXES IDENTIFIED IN THE PLANS.

REVISIONS		
NO.	DESCRIPTION	DATE
1	PAY ITEM DESCRIPTION CHANGE	04-22-25
2	CHANGED PAY QUANTITY	05-27-25

PAY QUANTITIES

0300 TRAFFIC SIGNAL

ITEM	DESCRIPTION		UNIT	DANFORTH		HAWTHORNE		TOTAL
				TRAFFIC SIGNAL	FIBER INTERCONNECT	TRAFFIC SIGNAL	FIBER INTERCONNECT	
802(B)0324	2" PVC SCH.40 PLASTIC CONDUIT TRENCHED	(TP-1)(18)	LF	310.00		105.00		415.00
802(B)0325	2" PVC SCH.80 PLASTIC CONDUIT TRENCHED	(TP-1)(18)	LF		2910.00			2910.00
802(B)0328	3" PVC SCH.40 PLASTIC CONDUIT BORED	(TP-1)(19)	LF	455.00		255.00		710.00
802(B)0332	3" PVC SCH.40 PLASTIC CONDUIT TRENCHED	(TP-1)(18)	LF	100.00		80.00		180.00
802(B)0356	3" PVC SCH. 80 PLASTIC CONDUIT BORED	(TP-1)	LF		1090.00			1090.00
803(A)1210	PULL BOX(SIZE I)	(11"W X 18"L X 18"D)(1)	EA	3.00		3.00		6.00
803(A)1220	PULL BOX(SIZE I)	(13"W X 24"L X 18"D)(1)	EA	1.00	9.00			10.00
803(A)1230	PULL BOX(SIZE II)	(24"W X 36"L X 24"D)(1)	EA			1.00		1.00
803(B)1330	GROUND BOX (GB36)	(24,29)	EA		4.00		1.00	5.00
804(A)2200	STRUCTURAL CONCRETE	(TP-1)	CY	30.70		18.00		48.70
804(B)2300	REINFORCING STEEL	(TP-1)	LB	4355.60		2681.60		7037.20
806(A)4240	32'MH POLE 25'TS & 10'LMA(G.STL.)	(2,13)	EA			1.00		1.00
806(A)4248	32'MH POLE 35'TS & 10'LMA(G.STL.)	(2,13)	EA			1.00		1.00
806(A)4260	32'MH POLE 50'TS & 10'LMA(G.STL.)	(2,13)	EA	3.00				3.00
806(A)4268	32'MH POLE,60'TS & 10'LMA(G.STL.)	(2,13)	EA	1.00				1.00
806(A)4320	POLE & 35' TS MST.ARM(G.STL.)	(2,13)	EA			1.00		1.00
806(A)4324	POLE & 40' TS MST.ARM(G.STL.)	(2,13)	EA			1.00		1.00
806(B)4408	10' MTG.HT.TS PED.POLE(G.STL.)	(22)	EA	6.00				6.00
809(A)7200	ROADWAY LUMINAIRE	(9)	EA	4.00		2.00		6.00
810(A)8200	SERVICE POLE	(TL-35)	EA	1.00		1.00		2.00
811 9120	1/C NO.6 ELECT.COND.	(TP-1)(3)	LF	200.00		200.00		400.00
811 9130	1/C NO.10 ELECT.COND.	(TP-1)	LF	1950.00	3100.00	700.00	100.00	5850.00
818(A)4200	(SP)FIBER OPTIC CABLE, 12 SMF	(TP-1)(28)	LF		350.00		100.00	450.00
818(A)4215	(SP)FIBER OPTIC CABLE, 96 SMF	(TP-1)(28)	LF		3350.00			3350.00
825 8100	TRAFFIC SIGNAL CONTROLLER ASSEMBLY	(4,5,6,7,8,17,30,33)	EA	1.00		1.00		2.00
830 2100	PEDESTRIAN PUSH BUTTON	(10)	EA	8.00		4.00		12.00
831 3116	1WAY2SEC.ADJ.PED.SIG.HD.S-20	(12,12A)	EA	8.00		4.00		12.00
831 3120	1WAY3SEC.ADJ.SIG.HD.S-6	(11)	EA	9.00		8.00		17.00
831 3124	1WAY3SEC.ADJ.SIG.HD.S-9	(11)	EA	8.00				8.00
831 3144	1WAY4SEC.ADJ.SIG.HD.S-13	(11)	EA			3.00		3.00
831 3156	1WAY5SEC.ADJ.SIG.HD.S-19	(11)	EA	2.00				2.00
833 5100	BACKPLATE	(14)	EA	19.00		11.00		30.00
834(A)6205	5/C TRAFFIC SIGNAL ELECTRICAL CABLE	(12,12A)(TP-1)	LF	4000.00		1540.00		5540.00
834(A)6210	7/C TRAFFIC SIGNAL ELECTRICAL CABLE	(12,12A)(TP-1)	LF	100.00		200.00		300.00
834(A)6235	21/C TRAFFIC SIGNAL ELECTRICAL CABLE	(TP-1)	LF	950.00		575.00		1525.00
834(B)6300	2/C SHIELDED LOOP DETECTOR LEAD-IN CABLE	(TP-1)(15)	LF	100.00		100.00		200.00
840(B)0300	E.P.S. OPTICAL DETECTOR	(16,16B)	EA	4.00		4.00		8.00
840(C)0400	E.P.S. OPTICAL DETECTOR CABLE	(TP-1)(16)	LF	1250.00		800.00		2050.00
840(D)0510	E.P.S. 4 CHANNEL PHASE SELECTOR	(16,16A)	EA	1.00		1.00		2.00
850(C)1400	MAST ARM MOUNTED SIGNS(ALUM.)	(20,21,23)	SF	72.75		82.50		155.25
890 1100	(PL)TRAFFIC ITEMS	(26,27,31,32)	LSUM	1.00		1.00		1.00

(30) THE COST BID FOR THIS ITEM INCLUDES REMOVAL OF THE EXISTING BATTERY BACKUP UNIT. CONTRACTOR SHALL DELIVER TO THE CITY OF EDMOND TRAFFIC CONTROL DEPARTMENT.

(31) CONTRACTOR SHALL IP ADDRESS THE WAVETRONIX DEVICE, CCTV, CANOGA CARD, MMU, AND BBU AS DETAILED ON IP ADDRESS SHEETS.

(32) ITEM INCLUDES 2 CAMERAS AT THE KELLY AVE. AND DANFORTH RD. INTERSECTION AND 2 AT THE KELLY AVE. AND HATHORNE LN. INTERSECTION. BID FOR EACH CAMERA ASSEMBLY INCLUDES:

1 EA - AXIS Q6075E SERIES 1080 HD COLOR DAY/NIGHT DSP CAMERA PER CITY OF EDMOND SPECIFICATIONS E1007
1 EA - MOUNTING BRACKET (SEE SHEET T006)
1 EA - AXIS T8124 HIGH POE 60W MIDSPAN INJECTOR
1 EA - AXIS T94A01D PENDANT KIT
1 EA - OUTDOOR POE EXTENDER ENABLE IT MODEL # 828W

(33) COST BID FOR THIS ITEM INCLUDES ALL GROUNDING SUPPLIES AS SHOWN ON THE CONTROLLER GROUNDING AND TYPICAL INTERSECTION GROUNDING DETAIL SHEETS. COST BID SHALL ALSO INCLUDE CONTRACTOR TESTING TO MEASURE OHMS RESISTANCE FOR EACH SIGNAL POLE AND SIGNAL CABINET ON THIS PROJECT. TESTING TO BE COMPLETED FOR EACH POLE AFTER INSTALLATION OF PROPOSED EQUIPMENT. TESTING TO BE COMPLETED AFTER NEW CABINET HAS BEEN INSTALLED IN ACCORDANCE WITH IEEE 81 STANDARD FOR FALL OF POTENTIAL. METER, TESTING PROBES, AND TEST CABLING TO BE PROVIDED BY THE CONTRACTOR MEETING THE IEEE STANDARD 81. CONTRACTOR TO PROVIDE READINGS TO THE CITY FOR SPOT CHECKING. CONTRACTOR TO PROVIDE ADDITIONAL GROUND RODS, AS DETAILED ON CONTROLLER CABINET AND TYPICAL INTERSECTION SYSTEM GROUND DETAIL SHEETS FOR ANY POLE OR CABINET THAT HAS A READING OF GREATER THAN 5 OHMES. CITY TO WITNESS TESTING PROCEDURE. ANY ADDITIONAL GROUND RODS INSTALLED CANNOT BE ATTACHED TO ANY 3RD PARTY GROUNDING SYSTEM AND MUST BE INSTALLED IN EXISTING GROUND BOXES.

MICHAEL S. HOFENER, P.E. # 23310
C.A. # 1160, RENEWAL 06-30-25

03-15-25
DATE

Traffic Engineering Consultants, Inc.
2770 Washington Dr., Suite 100 - Norman Ok 73069,
Ph: 405-720-7721, Web: www.tecusa.com

REGISTERED PROFESSIONAL ENGINEER — MICHAEL S. HOFENER — 23310 — OKLAHOMA

Design	RWR	5/27/2025
Drawn	SB	5/27/2025

TEC — A CLEAR DIRECTION

PAY QUANTITIES AND NOTES -TRAFFIC SIGNAL

State Job No. 38090(04) Sheet No. AT05

OKLAHOMA COUNTY

5/27/2025 G:\OP\Projects\T-2800 - SD\Signal\Design at Danforth and Kelly - Edmond, OK\CAD\AT05-240406-PAY QUANTITIES AND NOTES TRAFFIC SIGNALS.dgn

STORM WATER MANAGEMENT PLAN

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SITE DESCRIPTION

PROJECT LIMITS: DANFORTH AND KELLY AVENUE INTERSECTION IN CITY OF EDMOND: W. DANFORTH RD 0.77 MILES EAST OF N. SANTA FE AVE. FOR 0.48 MILES EAST N. KELLY AVE. 0.67 MILES NORTH OF W. EDMOND RD FOR 0.48 MILES NORTH

PROJECT DESCRIPTION: PROJECT CONSISTS OF REBUILDING EXISTING INTERSECTION AND THE ADDITION OF DUAL LEFT TURN LANES AND NEW TRAFFIC SIGNALS.

SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES:

PRIOR TO INITIATING SOIL DISTURBING ACTIVITIES, THE CONTRACTOR WILL INSTALL ALL PERIMETER TEMPORARY SEDIMENT CONTROLS SPECIFIED. STRIP, STOCKPILE AND STABILIZE TOPSOIL. CLEAR AND GRUB ONLY IN NECESSARY AREAS, PRESERVING AS MUCH NATIVE VEGETATION AS POSSIBLE. INSTALL, MAINTAIN AND/OR MOVE TEMPORARY SEDIMENT ITEMS WITH CONSTRUCTION OPERATIONS AS PRACTICAL. IF DIRECTED BY THE ENGINEER, PLANT TEMPORARY SEEDING. REPLACE SALVAGED TOPSOIL AND DEVICES WHEN AN ACCEPTABLE VEGETATIVE COVER (AT LEAST 70%) HAS BEEN ATTAINED. AS SITE CONDITIONS WARRANT, THE CONTRACTOR MAY CHOOSE TO MODIFY THE TYPE OR ARRANGEMENT OF SPECIFIED PRACTICES TO IMPROVE THEIR EFFECTIVENESS AS APPROVED BY THE ENGINEER. THE CONTRACTOR WILL MAINTAIN A LOG OF THE DATES OF MAJOR SOIL DISTURBANCE ACTIVITIES, AND ALSO THE DATES OF INSTALLATION OF EROSION CONTROL MEASURES.

SOIL TYPE: LEAN CLAY WITH SAND

TOTAL AREA OF THE CONSTRUCTION SITE: 14.2 AC

ESTIMATED AREA TO BE DISTURBED: 11.1 AC

OFFSITE AREA TO BE DISTURBED: (FOR CONTRACTOR USE)

TOTAL IMPERVIOUS AREA PRE-CONSTRUCTION: 8.0 AC

TOTAL IMPERVIOUS AREA POST-CONSTRUCTION: 9.4 AC

POST-CONSTRUCTION RUNOFF COEFFICIENT OF THE SITE: 0.88

LATITUDE & LONGITUDE OF CENTER OF PROJECT: 35°40'02.76"N 97°29'45.79"W

PROJECT WILL DISCHARGE TO:

NAME OF RECEIVING WATERS: UNNAMED TRIBUTARY TO CHISHOLM CREEK

SENSITIVE WATERS OR WATERSHEDS: YES [ ] NO [X]

303(d) IMPAIRED WATERS: YES [ ] NO [X]

IF YES, LIST IMPAIRMENT: N/A

LOCATED IN A TMDL: YES [ ] NO [X]

LAKE THUNDERBIRD TMDL: YES [ ] NO [X]

MS4 ENTITY YES [X] NO [ ]

IF YES, LOCATION: CITY OF EDMOND AND OK COUNTY

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
- _X_ PERMANENT SODDING, SPRIGGING OR SEEDING
- _X_ VEGETATIVE MULCHING
- ____ SOIL RETENTION BLANKET
- _X_ PRESERVATION OF EXISTING VEGETATION
- ____ HYDROMULCH / HYDROSEED

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
- _X_ TEMPORARY SILT FENCE
- ____ TEMPORARY SILT DIKES
- ____ TEMPORARY FIBER LOG
- ____ DIVERSION, INTERCEPTOR OR PERIMETER DIKES
- ____ DIVERSION, INTERCEPTOR OR PERIMETER SWALES
- _X_ ROCK FILTER DAMS
- ____ TEMPORARY SLOPE DRAIN
- ____ PAVED DITCH W/ DITCH LINER PROTECTION
- ____ TEMPORARY DIVERSION CHANNELS
- ____ TEMPORARY SEDIMENT BASINS
- ____ TEMPORARY SEDIMENT TRAPS
- _X_ TEMPORARY SEDIMENT FILTERS
- ____ TEMPORARY SEDIMENT REMOVAL
- ____ RIP RAP
- _X_ INLET PROTECTION
- ____ TEMPORARY BRUSH SEDIMENT BARRIERS
- ____ SANDBAG BERMS
- ____ TEMPORARY STREAM CROSSINGS
- ____ FLEXAMAT / ARTICULATED CONCRETE BLOCK
- ____ COMPOST FILTER SOCKS
- ____ EROSION CONTROL MATS AND BLANKETS

OFFSITE VEHICLE TRACKING:

- _X_ HAUL ROADS DAMPENED FOR DUST CONTROL
- _X_ LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
- _X_ 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 AND 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 CLEANING 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
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, OCTOBER 18, 2022.

ADDITIONAL PERMITS REQUIRED FROM OKLAHOMA WATER RESOURCES BOARD AND/OR MUNCIPALITY FOR USE OF SURFACE, GROUND OR CITY WATER SOURCES FOR ACTIVITIES SUCH AS WATERING.

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	POE	

STORM WATER MANAGEMENT PLAN

STATE JOB NO. 38090(04) SHEET NO. R001

OKLAHOMA COUNTY

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REVISED 8-1-2022

DRAINAGE STRUCTURE DESIGN RECORD

STRUCTURE NO.	STATION & LOCATION	DESCRIPTION	DESIGN	DESIGN YEAR	DRAINAGE AREA	ANTICIPATED LAND USE	AVG. SLOPE OF WATERSHED	RUNOFF COEFFICIENT (WEIGHTED)	LENGTH OF OVERLAND FLOW	SLOPE OF OVERLAND	LENGTH OF CHANNEL FLOW	SLOPE OF CHANNEL	TIME OF CONCENTRATION	INTENSITY OF DESIGN YEAR "I" (RAINFALL)	DESIGN YEAR DISCHARGE Q_N	DESIGN DISCHARGE BYPASS Q_{BYPASS}	TOTAL DISCHARGE IN CONDUIT Q_{TOTAL}	SPREAD	DESIGN TAILWATER	TOP OF COVER OR GRATE	STRUCTURE FLOW LINE	OUTLET FLOW LINE	STRUCTURE SLOPE	MAXIMUM ALLOWABLE HEADWATER	FLOW VELOCITY V_N	CONTROLLING HEADWATER	TYPE OF HYDRAULIC CONTROL
				N	ACRES		%	C	FT	%	FT	%	MIN.	IN\HR	CFS	CFS	CFS	FT	ELEV				%	ELEV	FT\SEC	ELEV	
D1	CL DANFORTH STA 17+17.25	CONST 5.0'x5.0' JUNCTION BOX ON EXIST PIPE		10																1172.04	1166.39						
	39.3' LT.																										
D2	CL DANFORTH STA 18+00.00	CONST. INLET CI DES 3(STD) w/ 18" x 46.6' LG RCP TO STR D3		10	0.72	PV	0.69	0.75	23	2.03	374	0.61	8.23	6.62	3.36	0.43	3.36	11.75		1170.70	1167.48	1167.34	0.30		3.38		
	25.98' RT.																										
D3	CL DANFORTH STA 18+00.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		10	0.50	PV	0.67	0.92	30	2.03	374	0.56	7.34	6.83	2.78	0.32	18.44	10.89		1170.75	1167.34	1166.94	0.51		6.30		
	23.36' LT.	w/ 28"x18" x 79.4' LG RCPA TO STR D1																									
D4	CL DANFORTH STA 22+50.00	CONST. INLET CI DES 3(STD) w/ 18" x 52.9' LG RCP TO STR D5		10	0.56	PV	0.50	0.74	25.00	2.00	345.50	0.39	8.91	6.47	2.61	0.21	2.61	11.68		1173.27	1168.95	1168.68	0.50		3.83		
	23.0' RT.																										
D5	CL DANFORTH STA 22+50.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		10	0.58	PV	0.55	0.92	48.20	1.99	311.00	0.32	8.25	6.62	3.23	0.29	12.30	12.69		1173.08	1168.68	1168.00	0.30		4.50		
	32.83' LT	w/ 28"x18" x 225.8' LG RCPA TO STR D21																									
D6	CL DANFORTH STA 26+00.00	CONST. INLET CI DES 3(STD) w/ 18" x 34.7' LG RCP TO STR D7		10	0.40	PV	0.55	0.81	43.60	0.67	247.90	0.53	8.98	6.46	1.99	0.13	1.99	10.50		1174.63	1170.21	1170.04	0.50		3.56		
	25.2' RT.																										
D7	CL DANFORTH STA 26+00.00	CONST. INLET CI DES 3(STD) w/ 18" x 31.7' LG RCP TO STR D8		10	0.16	PV	0.46	0.95	26.00	0.65	307.00	0.44	7.33	6.83	0.97	0.04	2.96	7.95		1174.89	1170.04	1169.79	0.79		4.69		
	12.2'LT.																										
D8	CL DANFORTH STA 26+00.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		10	0.36	PV	0.62	0.92	30.00	1.40	255.80	0.53	6.59	7.02	2.15	0.15	6.45	10.85		1174.21	1169.79	1168.68	0.32		4.15		
	45.95' LT.	w/ 18" x 344.9' LG RCP TO STR D5																									
D9	CL DANFORTH STA 28+75.00	CONST. INLET CI DES 3(STD) w/ 18" x 83.2' LG RCP TO STR D10		10	0.11	PV	0.46	0.93	58.50	0.65	68.70	0.31	6.27	7.11	0.67	0.05	0.67	11.69		1176.06	1171.64	1171.22	0.50		2.61		
	36.0' RT.																										
D10	CL DANFORTH STA 28+75.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		10	0.12	PV	0.75	0.90	84.20	0.52	30.00	1.40	6.79	6.97	0.67	0.05	1.34	11.69		1175.79	1171.22	1169.79	0.53		3.26		
	50.0' LT.	w/ 18" x 269.8' LG RCP TO STR D8																									
D11	CL DANFORTH STA 30+53.72	CONST. 5.0' DIA MANHOLE ON EXIST PIPE		10		PV														1177.39	1172.07						
	83.0' LT.																										
D12	CL DANFORTH STA 30+85.42'	CONST. INLET CI DES 2(STD) w/ 18" x 71.0' LG RCP TO STR D13		10	0.09	PV	1.72	0.78	27.70	4.87	65.00	0.37	5.00	7.46	0.56		0.56	14.79		1176.98	1173.56	1173.20	0.50		2.47		
	23.0' RT.																										
D13	CL DANFORTH STA 31+61.81	CONST. INLET CI DES 2(D) w/ 18" x 84.1' LG RCP TO STR D14		10	0.16	PV	1.94	0.85	28.70	6.59	124.00	0.87	5.00	7.46	1.45	0.05	1.45	10.40		1177.25	1173.20	1172.77	0.51		3.28		
	23.0' RT.																										
D14	CL DANFORTH STA 31+50.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		50	0.43	PV	2.26	0.92	21.70	9.72	125.40	0.96	5.00	9.83	4.30		20.70	10.02		1176.24	1172.77	1172.07	0.75		7.70		
	63.0' LT.	w/ 28" x 18" x 92.9' LG RCPA TO STR D11																									
D15	CL DANFORTH STA 33+00.00	CONST. INLET CI DES 3(STD) w/ 18" x 81.1' LG RCP TO STR D16		10	0.52	PV	1.38	0.83	37.30	4.74	381.00	1.06	6.92	6.94	2.93	0.45	2.93	10.29		1178.45	1174.03	1173.35	0.84		4.78		
	23.0' RT.																										
D16	CL DANFORTH STA 33+00.00	CONST. INLET CI DES 3(B) w/ LARGE JCT BOX		10	0.58	PV	1.84	0.78	19.90	14.22	380.70	1.19	5.72	7.26	3.17	0.40	14.95	10.45		1177.69	1173.35	1172.77	0.40		5.62		
	61.0' LT.	w/ 28" x 18" x 145.3' LG RCPA TO STR D14																									
D17	CL DANFORTH STA 37+00.00	CONST. INLET CI DES 3(STD) w/ 18" x 54.4' LG RCP TO STR D18		10	0.50	PV	0.99	0.83	19.90	6.14	390.00	0.73	6.61	7.02	2.67	0.39	2.67	9.91		1182.66	1178.24	1177.97	0.50		3.90		
	23.0' RT.																										
D18	CL DANFORTH STA 37+00.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		10	0.45	PV	1.29	0.85	26.80	7.72	384.50	0.85	6.42	7.07	2.47	0.34	8.85	9.60		1182.43	1177.97	1173.35	1.17		7.11		
	34.25' LT.	w/ 18" x 395.3' LG RCP TO STR D16																									
D19	CL DANFORTH STA 41+00.00	CONST. INLET CI DES 3(STD) w/ 18" x 54.7' LG RCP TO STR D20		10	0.39	PV	1.18	0.80	30.00	1.13	311.60	1.18	7.39	6.82	1.97	0.18	1.97	9.55		1185.51	1181.09	1180.82	0.50		3.55		
	34.5' RT.																										
D20	CL DANFORTH STA 41+00.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		10	0.33	PV	1.29	0.79	22.00	6.05	314.70	0.96	6.02	7.17	1.74	0.14	3.71	8.78		1185.74	1180.82	1177.97	0.72		4.81		
	23.0' LT.	w/ 18" x 394.7' LG RCP TO STR D18																									
D21	CL DANFORTH STA 20+20.00	CONST. 4.0' DIA MANHOLE w/ 28"x18"x215.9' LG RCP TO STR D3		10													12.30			1173.13	1168.00	1167.34	0.31		4.57		
	31.7' LT.																										
D22	CL DANFORTH STA 20+20.00	EXTEND EXISTING 18" RCP x8.3' LG TO STR D21		10																	1169.64	1169.44	2.41		8.21		
	41.8' LT.																										
K1	CL KELLY STA 102+30.00	CONST. INLET CI DES 3(STD) w/ 18" x 57.6' LG RCP TO STR K2		10	0.23		0.81	0.91	46.11	0.95	213.00	0.78	6.42	7.11	1.49	0.20	1.29	6.70		1173.97	1169.55	1169.26	0.51		3.28		
	29.5' RT.																										
K2	CL KELLY STA 102+30.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		10	0.18		0.85	0.95	22.23	4.94	225.7'	0.44	5.23	7.49	1.28	0.15	2.42	6.40		1173.97	1169.26	1161.09	2.13		6.33		
	29.5' LT	w/ 18" x 395.0' LG RCP TO STR K23																									
K3	DELETED																										
K4	CL KELLY STA 105+79.92	CONST. 4.0' DIA MANHOLE ON EXIST PIPE		10													8.74			1175.84	1171.62	1170.13	2.46		9.35		
	39.0' RT.	w/ 24"x60.6' LG RCP TO STR K5																									
K5	CL KELLY STA 106+45.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		10	0.36		0.69	0.86	90.00	1.33	124.00	0.23	7.54	6.79	2.13		10.87	6.70		1174.56	1170.13	1169.97	0.44		5.21		
	32.37' RT.	w/ 24" x 36.6' LG RCP TO STR K6																									
K6	CL KELLY STA 106+50.00	CONST. 4.0' DIA MANHOLE w/ 24"x23.9' LG RCP TO STR K7		10													15.25			1175.74	1169.97	1169.85	0.50		5.80		
	8.0' LT.																										
K7	CL KELLY STA 106+53.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		50	0.31		0.74	0.92	27.50	1.96	191.00	0.56	5.60	9.60	2.80		19.84	6.92		1174.51	1169.35	1169.06	0.34		5.45		
	34.71' LT.	w/ 30" x 84.3' LG RCP TO EXIST MANHOLE																									
K8	CL KELLY STA 106+70.00	CONST. INLET CI DES 2(STD) w/ 18" x 15.8' LG RCP TO STR K6		10	0.02		0.30	0.95			80.00	0.30	5.00	7.46	0.66		4.38	4.39		1175.09	1170.55	1170.47	0.50		4.38		
	6.61' LT.																										
K9	CL KELLY STA 107+50.00	CONST. INLET CI DES 3(STD) w/ 18" x 72.1' LG RCP TO STR K8		10	0.40		1.68	0.75	192.00	1.74	13.00	0.69	7.06	6.90	1.99	0.50	3.72	24.68		1175.33	1170.91	1170.55	0.50		4.21		
	11.0' LT.																										
K10	CL KELLY STA 108+40.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		10	0.08		0.56	0.92	26.90	0.63	91.80	0.53	5.28	7.38	0.58	0.07	1.79	14.91		1175.79	1171.16	1170.35	0.65		3.80		
	37.0' LT.	w/ 18" x 182.1' LG RCP TO STR K7																									
K11	CL KELLY STA 108+50.00	CONST. INLET CI DES 3(STD) w/ 18" x 89.3' LG RCP TO STR K9		10	0.40		1.74	0.75	172.00	1.74			6.50	7.04	1.73	0.40	1.73	23.27		1175.94	1171.52	1170.91	0.68		3.83		
	11.0' LT.																										
K12	CL KELLY STA 109+00.00	CONST. INLET CI DES 3(STD) w/ 18" x 52.3' LG RCP TO STR K10		10	0.10		0.62	0.95	101.00	0.64	22.00	0.50	6.12	7.15	0.69	0.09	1.21	14.25		1176.09	1171.67	1171.16	0.98		3.93		
	37.0' LT.																										
K13	CL KELLY STA 109+20.00	CONST. INLET CI DES 2(B) w/ 18" x 12.0' LG RCP TO STR K12		10	0.09		0.64	0.95	101.00	0.64			5.63	7.28	0.52	0.10	0.52	14.65		1176.19	1171.77	1171.67	0.83		2.89		
	37.22' LT.																										
K14	CL KELLY STA 111+25.00	CONST. INLET CI DES 2(STD) w/ 18" x 62.8' LG RCP TO STR K15		10	0.04		0.63	0.93	135.70	0.63	9.00	0.56	6.88	6.95	0.20	0.05	0.50	11.20		1176.16	1171.74	1171.42	0.51		1.83		
	12.0' RT.																										
K15	CL KELLY STA 111+10.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		10	0.23		0.66	0.92	138.80	0.66			6.99	6.92	1.26	0.22	1.46	20.92		1175.98	1171.42	1168.08	1.18		4.44		
	51.0' LT.	w/ 18" x 282.5' LG RCP TO STR K19																									
K16	CL KELLY STA 113+00.00	CONST. INLET CI DES 2(STD) w/ 18" x 95.5' LG RCP TO STR K18		10	0.04		0.68	0.95			185.00	0.68	5.00	7.46	0.23	0.02	0.23	3.96		1174.94	1170.52	1168.31	2.31		3.23		
	8.0' RT.																										
K17	CL KELLY STA 114+00.00	CONST. INLET CI DES 3(STD) w/ 18" x 27.0' LG RCP TO STR K18		10	0.23		1.28	0.95	37.00	1.27	200.00	1.29	5.26	7.39	1.50	0.19	1.50	.7.27		1172.87	1168.45	1168.31	0.52		3.34		
	35.22' RT.																										
K18	CL KELLY STA 114+00.00	CONST. 4.0' DIA MANHOLE w/ 18"x44.1' LG RCP TO STR K19		10													1.73			1174.17	1168.31	1168.08	0.52		3.47		
	5.0' RT.																										
K19	CL KELLY STA 114+00.00	CONST. INLET CI DES 3(STD) w/ LARGE JCT BOX		10	0.45		0.98	0.88	80.00	0.59	295.00	1.09	8.23	6.08	2.37	0.41	5.56	8.77		1172.73	1168.08	1162.69	2.54		8.51		
	42.32' LT.	w/ 18" x 212.5' LG RCP TO STR K21																									
K20	CL KELLY STA 116+18.00	CONST. INLET CI DES 3(STD) w/ 18" x 67.5' LG RCP TO STR K21		10	0.32		2.68	0.88	35.00	3.86	218.00	2.49	5.00	7.46	1.83	0.30	1.83	7.51		1167.45	1163.03	1162.69	0.50		3.48		
	35.5' RT.																										
K21	CL KELLY STA 116+18.00	CONST. INLET CI DES 3(B) w/ LARGE JCT BOX		10	0.25		2.60	0.95	42.00	3.55	218.00	2.42	5.00	7.46	1.35	0.18	8.74	6.57		1167.46	1162.69	1158.32	2.24		9.13		
	35.5' RT.	w/ 18" x 194.7' LG RCP TO EXIST MANHOLE																									
K22	CL KELLY STA 98+30.00	CONST. INLET CI DES 3(STD) w/ 18" x 190.4' LG RCP TO STR K23		10	0.45		1.79	0.84	143.12	0.92	367.99	2.14	8.99	6.42	2.61	0.41	2.20	8.30		1165.75	1161.37	1161.09	0.50		3.66		
	29.5' RT																										
K23	CL KELLY STA 98+30.00	CONST. INLET CI DES 3(B) w/ LARGE JCT BOX		10	0.31		1.63	0.95	30.50	2.10	388.27	2.07	5.45	7.42	2.30	0.28	6.64	7.90		1165.75	1161.09	1153.68	2.27		10.04		
	29.5' LT.	w/ 18" x 325.5' LG RCP TO STR K24																									
K24	CL KELLY STA 95+00.00	CONST. 4.0' DIA MANHOLE ON w/ 18" x 27.3' LG RCP w/ PCES		10													4.22			1159.79	1153.68	1152.51	3.50		10.04		
	35.7' LT.																										
K25	CL KELLY STA 94+69.80	CONST. DBL. 36" x 22" x 133.2' LG RCPA w/ CET EAH END:		10													124.74				1155.85	1152.51	2.51		15.06		
	CL	69.5' RT. STA. 94+77.26 & 63.0' LT. STA. 94+63.04																									
K26	CL KELLY STA 94+35.00	CONST. INLET CI DES 3(D) w/ 18" x 50.6' LG RCP TO STR K27		10	1.06		2.06	0.91	232.35	38.35	322.43	0.59	8.45	6.55	6.69		6.69	8.3		1159.15	1154.69	1154.23	0.91		6.07		
	27.4' RT.																										
K27	CL KELLY STA 94+35.00	CONST. INLET CI DES 3(D) w/ LARGE JCT BOX		10	0.93		0.71	0.95	20.80	4.81	553.47	0.55	7.76	6.73	6.19		12.88	7.8		1159.23	1154.23	1152.51	4.50		12.95		
	25.3' LT.	w/ 24" x 32.1' LG RCP w/ PCES																									

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	F.\SCH. YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

DRAINAGE DESIGN RECORDS

STATE JOB NO. 38090(04) SHEET NO. R002

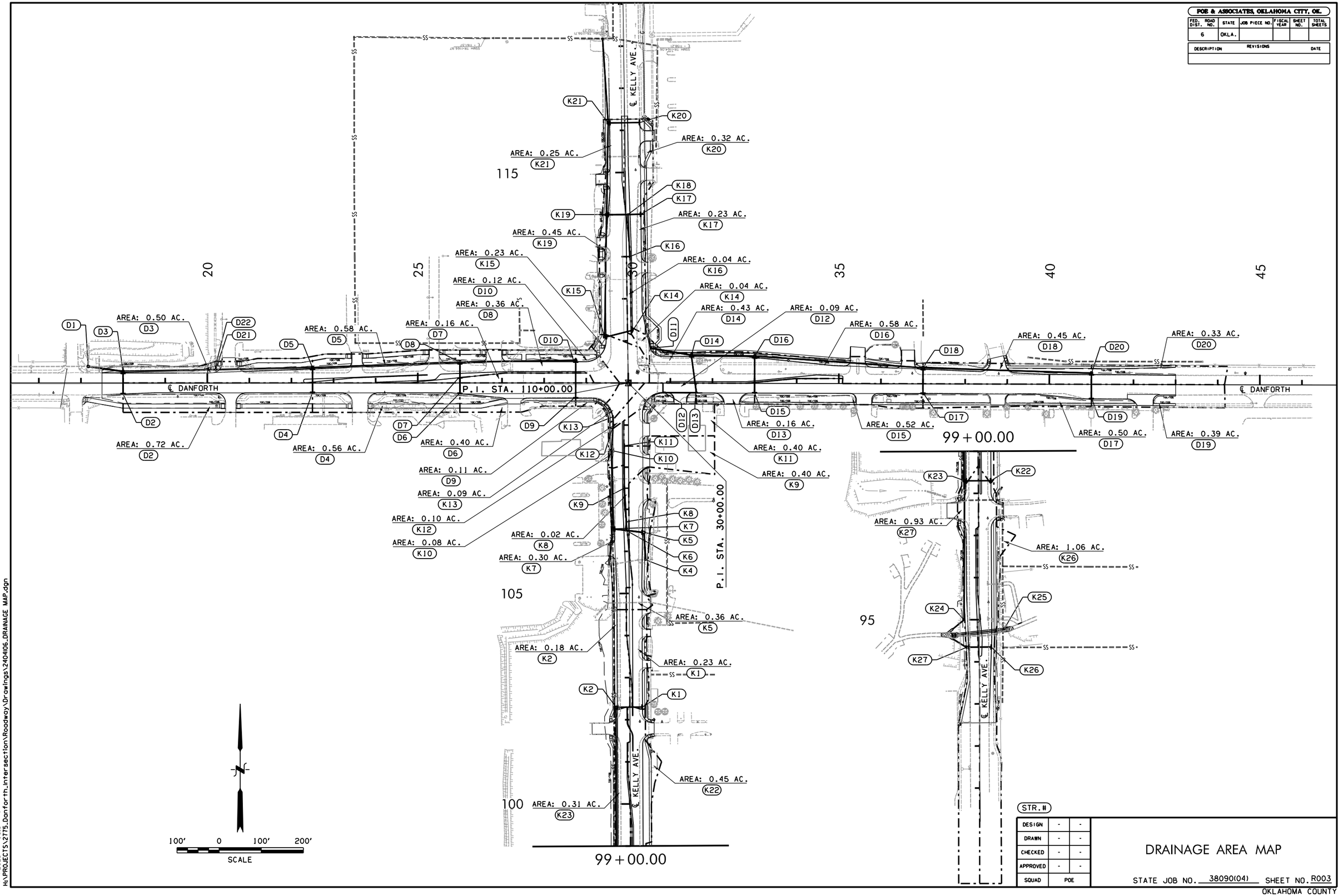
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



STR. #

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

DRAINAGE AREA MAP

STATE JOB NO. 38090(04) SHEET NO. R003

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

SEC. 22, T-14-N, R-3-W

LOT 1, CHEYENNE SPRINGS
YOUNG W & HO C KANG

ROADWAY EASEMENT

UTILITY EASEMENT

INDEPENDENT SCHOOL DIST. #12

WESTLAKE ACE HARDWARE ADDITION

STA. 20+51.15- CONST. 30' WIDE TYPE 2 CONC. DRIVE

STA. 23+55.75- CONST. 24' WIDE TYPE 2 CONC. DRIVE

WATERLINE BY OTHERS

CAUTION: APPROX. LOCATION OF OIL LINE CROSSING

D1 D2 D3 D4 D5 D21 D22

PRES R/W

TOC/TOS

PUC

SS

WTR

BM3

BM4

℄ DANFORTH

S 89°58' 22.86" E

25+00.00

COMMERCIAL VACANT LAND

COMMERCIAL VACANT LAND

HIBDON TIRES PLUS

CHICKEN EXPRESS

CAUTION: APPROX. LOCATION OF WATER LINE CROSSING

CAUTION: APPROX. LOCATION OF GAS LINE & TUG CROSSING

STA. 20+55.80- CONST. 24' WIDE TYPE 2 CONC. DRIVE

STA. 23+63.00- CONST. 36' WIDE TYPE 2 CONC. DRIVE

SEC. 27, T-14-N, R-3-W

N

30 0 30 60
SCALE

BM 4 ~ CHISELED 'X' ON SOUTH EDGE OF SIDEWALK AT PI AT NE CORNER OF EDMOND SOCCER FIELDS ℄ DANFORTH STA.16+58.84 43.70' RT. ELEV.= 1172.16

SITE UTILITY CONTACT INFORMATION

UTILITY	CONTACT	PHONE
AT&T	MR. JERRY ROADS 7001 NW 23RD ST OKLAHOMA CITY, OK 73008	(405) 291-5545
CENTURY LINK	MICHAEL L SMITH CENTURYLINK COMMUNICATIONS, LLC SENIOR ENGINEER 8056 STATE HIGHWAY 51 HENNESSEY, OK 73742	(918) 340-9161
COX COMMUNICATIONS	ROW DEPARTMENT MR. MARK BOWLING 6301 WATERFORD BLVD SUITE 200 OKLAHOMA CITY, OK 73118	(405) 417-4064

SITE UTILITY CONTACT INFORMATION

UTILITY	CONTACT	PHONE
DCP MIDSTREAM	MR. JOSE TARANGO PO BOX 590 TUTTLE, OK 73089	(405) 834-4873
OG&E	MS. RAE ANNE LAWRENCE PO BOX 321 M109 321 N HARVEY OKLAHOMA CITY, OK 73101	(405) 553-5785
ONG	MR. TOMMY BROWN 4901 N SANTA FE AVE OKLAHOMA CITY, OK 73118	(405) 556-6411

PROFILE EXIST.GROUND

PROFILE ℄

STA. 17+00.00 BEGIN INCIDENTAL CONST. DANFORTH

STA. 17+50.00 END INCIDENTAL CONST. AND BEGIN DANFORTH

ELEV.= 1170.85 P.V.I. STA. 17+50.00

TG=1172.04 FL=1166.39 (D1)

TG=1170.48 FL=1167.48 (D2)

TG=1170.75 FL=1167.34 (D3)

P.V.I. STA. 19+65.77 ELEV.= 1172.63

TG=1173.13 FL=1168.00 (D21)

0.83%

0.83%

0.40%

0.40%

STUB-IN FL= 1168.83

STUB-IN FL= 1166.94

28"X18" RCPA @ 0.51%

28"X18" RCPA @ 0.31%

28"X18" RCPA @ 0.30%

18" RCP @ 0.32%

STUB-IN FL= 1169.44

P.V.C. STA. 18+90.77 ELEV.= 1172.01

P.V.T. STA. 20+40.77 ELEV.= 1172.93

150.00' V.C.
K= 351.17

TG=1173.27 FL=1168.95 (D4)

TG=1173.08 FL=1168.68 (D5)

BM 3 ~ CHISELED 'X' ON EAST CURB AT PI ON WEST ENTRANCE TO EPS ADMINISTRATION BUILDING ℄ DANFORTH STA.23+67.92 70.53' LT. ELEV.= 1176.38

DANFORTH

1190 1185 1180 1175 1170 1165 1160 1155 1150 1145

16+00 17+50 19+00 20+50 22+00 23+50 25+00

STATE JOB NO. 38090(04) SHEET NO. R004

OKLAHOMA COUNTY

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SEC. 22, T–14–N, R–3–W

SEC. 23, T–14–N, R–3–W

SEC. 27, T–14–N, R–3–W

SEC. 26, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

DANFORTH JR., LLC

MUTUAL ACCESS AGREEMENT

FERRARI, GRATTAN, GRATTAN & GRATTAN

STA. 25+38.68- CONST. 22' WIDE TYPE 2 CONC. DRIVE

STA. 26+81.31- CONST. 36' WIDE TYPE 2 CONC. DRIVE

CAUTION: APPROX. LOCATION OF TUG LINE CROSSING

WATERLINE BY OTHERS

PRES R/W

17' Road Easmt

15' U/E

S 89°58' 22.86" E

℄ DANFORTH

110

P.I. STA. 110+00.00

℄ KELLY AVE.

N 0°46' 35.16" W

S 89°47' 47.94" E

P.I. STA. 30+00.00

℄ DANFORTH

N 0°15' 37.40" W

℄ KELLY AVE.

30

105'

80'

70'

160'

50'

CHICKEN EXPRESS

COMMERCIAL VACANT LAND

MCDONALDS

7 ELEVEN INC

GIANOS FAMILY LIMITED PARTNERSHIP

STA. 27+28.75- CONST. 30' WIDE TYPE 2 CONC. DRIVE

STA. 108+88.75- CONST. 29' WIDE TYPE 2 CONC. DRIVE

STA. 31+23.61- CONST. 29' WIDE TYPE 2 CONC. DRIVE

STA. 32+46.00- CONST. 35' WIDE TYPE 2 CONC. DRIVE

CAUTION: APPROX. LOCATION OF OH POWER CROSSING

SCALE 30 0 30 60

25+00.00

34+00.00

D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16

K10 K11 K12 K13 K14 K15

TOC/TOS TUG TVUG PUG

PROFILE ℄

PROFILE EXIST.GROUND

200.00' V.C.
K= 307.47

P.V.C. STA. 30+50.00
ELEV.= 1176.97

P.V.T. STA. 32+50.00
ELEV.= 1178.43

P.V.I. STA. 31+50.00
ELEV.= 1177.38

	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16
TG=	1174.63	1174.89	1174.21	1176.06	1175.79	1177.39	1176.98	1177.25	1176.24	1178.45	1177.69
FL=	1170.21	1170.04	1169.79	1171.64	1171.22	1172.07	1173.56	1173.20	1172.77	1174.03	1173.35

0.40% 18" RCP @ 0.32%

18" RCP @ 0.53%

1.05% 18" RCP @ 1.17%

0.40% 18" RCP @ 0.50%

28"X18" RCP @ 0.75%

28"X18" RCP @ 0.40%

18" RCP @ 0.51%

Ex.P.U.G."Y"-ing ℄

Ex.Wtr."X"-ing ℄

Ex.Pwr.Line "X"-ing ℄

1200 1195 1190 1185 1180 1175 1170 1165 1160 1155

1174.89 1175.01 1175.13 1175.25 1175.37 1175.49 1175.61 1175.73 1175.85 1175.97 1176.09 1176.21 1176.33 1176.45 1176.57 1176.69 1176.81 1176.93 1177.06 1177.22 1177.40 1177.61 1177.85 1178.13 1178.43 1178.74 1179.06 1179.37 1179.69 1180.00

25+00 26+50 28+00 29+50 31+00 32+50 34+00

DANFORTH

STATE JOB NO. 38090(04) SHEET NO. R005

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SEC. 23, T-14-N, R-3-W

WATERLINE BY OTHERS

STA. 35+45.00- CONST. 34' WIDE TYPE 2A CONC. DRIVE

25' FIRE LANE

50' Cities Service Gas Co. Pipeline Easement

STA. 36+64.40- CONST. 30' WIDE TYPE 2 CONC. DRIVE

STA. 38+83.85- CONST. 32' WIDE STREET RETURN

CRAIG BLVD.

CAUTION: APPROX. LOCATION OF OH POWER CROSSING

PRES R/W

TOC/TOS

D18

D20

S 89°47'47.94" E

℄ DANFORTH

34+00.00

35

40

50'

80'

BM1

D17

D19

CAUTION: APPROX. LOCATION OF WATER LINE CROSSING

DO NOT DISTURB BUS STOP SHELTER

STA. 35+60.00- CONST. 36' WIDE TYPE 2 CONC. DRIVE

STA. 38+77.75- CONST. 34' WIDE TYPE 2 CONC. DRIVE

STA. 42+28.50- CONST. 36' WIDE TYPE 2 CONC. DRIVE

WATERLINE BY OTHERS

BM2

GIANOS FAMILY LIMITED PARTNERSHIP

DANFORTH SQUARE JACKSON LAND 11 LLC.

SCHLOTZSKY'S DELI ZBEST EDMOND HOILDINGS LLC

JOHNNIE'S CHARCOAL JOHNNIE'S ENTERPRISES LLC

30 0 30 60

SCALE

SEC. 26, T-14-N, R-3-W

BM 1 ~ CHISELED 'X' ON SSE CURB RETURN AT ENTRANCE TO HOBBY LOBBY. ℄ DANFORTH STA. 35+79.00 49.96' RT. ELEV.= 1182.59

BM 2 ~ CHISELED 'X' ON CURB AT NW CORNER OF CHURCH PARKING LOT. ℄ DANFORTH STA. 42+70.46 54.81' RT. ELEV.= 1189.41

P.V.I. STA. 38+00.00
ELEV.= 1184.21

P.V.C. STA. 41+69.41
ELEV.= 1186.71

P.V.T. STA. 42+89.41
ELEV.= 1188.01

P.V.I. STA. 43+00.00
ELEV.= 1188.16

TG=1182.66 FL=1178.24 (D17)
TG=1182.43 FL=1177.97 (D18)
TG=1185.51 FL=1181.09 (D19)
TG=1185.74 FL=1180.82 (D20)

PROFILE ℄

PROFILE EXIST.GROUND

1.05%
0.68%
0.72%
1.17%
1.48%

18" RCP @ 1.17%
18" RCP @ 0.72%

P.V.C. STA. 37+00.00
ELEV.= 1183.16

P.V.I. STA. 39+00.00
ELEV.= 1184.88

P.V.I. STA. 42+29.41
ELEV.= 1187.12

200.00' V.C.
K= 537.79

120.00' V.C.
K= 150.38

END DANFORTH STA. 43+00.00

DANFORTH

| | | | |

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

SEC. 27, T–14–N, R–3–W

SEC. 26, T–14–N, R–3–W

NEGOTIUM SOCIUM, LLC

CITY OF EDMOND

STA. 97+59.30- CONST. 35' WIDE STREET RETURN

PAVED DITCH

PAVED DITCH

PRES R/W

PRES R/W

PRES R/W

PRES R/W

TOC/TOS

TOC/TOS

TOC/TOS

TOC/TOS

TOC/TOS

K22

K23

K24

K25

K26

K27

CAUTION: APPROX. LOCATION OF OH POWER CROSSING

CAUTION: APPROX. LOCATION OF OH POWER & GAS LINE & WATER LINE CROSSING

℄ KELLY AVE. N 0°15' 37.40" W

HAWTHORNE LN

STA. 97+59.30- CONST. 25' WIDE STREET RETURN

DRAINAGE & DETENTION AREA DEDICATION

90

95

99+00.00

30 0 30 60

SCALE

BM 6 ~ CHISELED 'X' ON ESE CURB RETURN AT KELLY AND HAWTHORNE LANE. ℄ KELLY AVE. STA. 97+45.69 52.20' RT. ELEV.= 1163.77

400.00' V.C.
K= 109.90

STA. 92+55.00 BEGIN KELLY AVE.
P.V.I. STA. 92+55.00
ELEV.= 1160.91

P.V.C. STA. 93+35.95
ELEV.= 1160.17

LOW POINT STA. 94+35.72
ELEV.= 1159.72

P.V.I. STA. 95+35.95
ELEV.= 1158.36

P.V.T. STA. 97+35.95
ELEV.= 1163.82

PROFILE ℄

PROFILE EXIST. GROUND

-0.91%

-0.91%

2.73%

2.73%

18" RCP @ 1.90%

18" RCP @ 2.13%

18" RCP @ 3.50%

24" RCP @ 4.50%

OUT FLOW FL= 1152.51

OUT FLOW FL= 1152.51

OUT FLOW FL= 1152.51

IN FLOW FL= 1155.85

	K27	K26	K25	K24	K23	K22
TG=	1159.23	1159.15	1159.79		1165.75	1165.75
FL=	1154.23	1154.69	1154.91		1161.37	1161.09

	1160.77	1160.50	1160.23	1159.98	1159.82	1159.73	1159.73	1159.81	1159.97	1160.22	1160.54	1160.95	1161.44	1162.01	1162.66	1163.40	1164.21	1165.03	1165.85	1166.67	1167.49	1168.31

KELLY AVE.

90+00 91+50 93+00 94+50 96+00 97+50 99+00

1190 1185 1180 1175 1170 1165 1160 1155 1150 1145

STATE JOB NO. 38090(04) SHEET NO. R007

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE
⚠ ADDED NOTE	4/30/2025

SEC. 27, T–14–N, R–3–W

SEC. 26, T–14–N, R–3–W

COMMERCIAL VACANT LAND

COMMERCIAL VACANT LAND

COMMERCIAL VACANT LAND

SHERWIN–WILLIAMS PAINT STORE

FIRST MED

MEADOW LAKE ADDITION SECTION 8

LA PETITE ACADEMY TROY SMITH, INC.

MIDFIRST BANK

99+00.00

108+00.00

PRES R/W

TOC/TOS

℄ KELLY AVE.

N 0° 15' 37.40" W

HAWTHORNE PL.

STA. 101+79.33- CONST. 26' WIDE STREET RETURN

STA. 101+79.05- CONST. 26' WIDE STREET RETURN

STA. 103+32.20- CONST. 16' WIDE TYPE 1 CONC. DRIVE

STA. 104+06.10- CONST. 16' WIDE TYPE 1 CONC. DRIVE

STA. 104+72.00- CONST. 36' WIDE TYPE 2 CONC. DRIVE

STA. 106+02.76- CONST. 26' WIDE TYPE 2 CONC. DRIVE

STA. 107+98.63- CONST. 30' WIDE TYPE 2 CONC. DRIVE

STA. 107+43.00- CONST. 36' WIDE TYPE 2 CONC. DRIVE

K1 K2 K4 K5 K6 K7 K8 K9

BM5

CAUTION: APPROX. LOCATION OF GAS LINE CROSSING

⚠ CONTRACTOR SHALL COORDINATE WITH AT&T AND CITY OF EDMOND TO HAVE MANHOLE LOWERED DURING CONSTRUCTION.

30 0 30 60

SCALE

BM 5 ~ CHISELED 'X' ON CURB PI AT SW CORNER OF BANK PARKING LOT. ℄ KELLY AVE. STA.105+07.88 49.99' RT. ELEV.= 1177.40

P.V.I. STA. 99+99.75 ELEV.= 1171.03

PROFILE EXIST.GROUND

1.86%

P.V.C. STA. 99+39.75 ELEV.= 1169.89

120.00' V.C. K= 138.28

P.V.T. STA. 100+59.75 ELEV.= 1172.15

P.V.I. STA. 101+75.00 ELEV.= 1174.30

P.V.C. STA. 101+15.00 ELEV.= 1173.18

18" RCP @ 2.13%

TG=1173.97 FL=1169.55 (K1)

TG=1173.97 FL=1169.26 (K2)

PROFILE ℄

0.55%

120.00' V.C. K= 91.04

P.V.T. STA. 102+35.00 ELEV.= 1174.62

P.V.C. STA. 103+75.00 ELEV.= 1175.39

P.V.I. STA. 104+50.00 ELEV.= 1175.80 HIGH POINT STA. 104+61.58 ELEV.= 1175.63

0.55%

-0.40%

150.00' V.C. K= 158.55

P.V.T. STA. 105+25.00 ELEV.= 1175.50

P.V.C. STA. 105+47.14 ELEV.= 1175.41

200.00' V.C. K= 222.22

LOW POINT STA. 106+36.03 ELEV.= 1175.23

TG=1175.84 FL=1171.62 (K4)

TG=1174.56 FL=1170.13 (K5)

TG=1175.74 FL=1169.97 (K6)

TG=1174.51 FL=1169.35 (K7)

TG=1175.09 FL=1170.55 (K8)

TG=1175.33 FL=1170.91 (K9)

P.V.T. STA. 107+47.14 ELEV.= 1175.51

0.50%

18" RCP @ 0.50%

18" RCP @ 0.50%

18" RCP @ 0.68%

24" RCP @ 2.46%

30" RCP @ 0.34%

24" RCP @ 0.45%

18" RCP @ 0.65%

STUB-IN FL= 1169.97

STUB-IN FL= 1170.47

STUB-IN FL= 1169.47

24" RCP @ 2.09%

STUB-IN FL= 1169.06

P.V.I. STA. 106+47.14 ELEV.= 1175.01

KELLY AVE.

1190 1185 1180 1175 1170 1165 1160 1155 1150 1145

1168.31 1169.12 1169.93 1170.67 1171.35 1171.96 1172.53 1173.09 1173.61 1174.04 1174.37 1174.60 1174.76 1174.93 1175.09 1175.25 1175.42 1175.54 1175.61 1175.62 1175.58 1175.48 1175.36 1175.28 1175.24 1175.28 1175.36 1175.48 1175.62 1175.77

99+00 100+50 102+00 103+50 105+00 106+50 108+00

STATE JOB NO. 38090(04) SHEET NO. R008

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

SEC. 27, T–14–N, R–3–W

SEC. 22, T–14–N, R–3–W

SEC. 26, T–14–N, R–3–W

SEC. 23, T–14–N, R–3–W

MCDONALDS

FERRARI, GRATTAN, GRATTAN & GRATTAN

BANK OF OKLAHOMA

TINKER CREDIT UNION

EDMOND PUBLIC SCHOOLS 1–12

7 ELEVEN INC.

NORTH OAKS CENTER

MICHAEL K. FORTH AND NANETTE FORTH

108+00.00

P.I. STA. 110+00.00
℄ KELLY AVE.

P.I. STA. 30+00.00
℄ DANFORTH

N 0°15' 37.40" W

N 0°46' 35.16" W

℄ KELLY AVE.

CAUTION: APPROX. LOCATION OF GAS LINE, TUG & OH POWER CROSSING

CAUTION: APPROX. LOCATION OF GAS LINE CROSSING

CAUTION: APPROX. LOCATION OF WATER LINE, PUG & OH POWER CROSSING

WATERLINE BY OTHERS

WATERLINE BY OTHERS

STA. 108+15.00- CONST. 28'
WIDE TYPE 2 CONC. DRIVE

STA. 108+88.75- CONST. 29'
WIDE TYPE 2 CONC. DRIVE

STA. 31+23.61- CONST. 29'
WIDE TYPE 2 CONC. DRIVE

STA. 112+75.88- CONST. 24'
WIDE TYPE 2 CONC. DRIVE

STA. 112+73.50- CONST. 25'
WIDE TYPE 2 CONC. DRIVE

STA. 113+35.00- CONST. 22'
WIDE TYPE 2 CONC. DRIVE

STA. 114+84.44- CONST. 24'
WIDE TYPE 2 CONC. DRIVE

STA. 114+95.00- CONST. 30'
WIDE TYPE 2 CONC. DRIVE

STA. 115+86.00- CONST. 24'
WIDE TYPE 2 CONC. DRIVE

TIE TO EXISTING MH
STA. 118+17.42 49.5' LT.

INCIDENTAL CONST.
TIE RAISED MEDIANS

PRES R/W

TOC/TOS

TUC

FUC

PUC

FO

SS

W

G

D9 D10 D11 D12 D14

K10 K11 K12 K13 K14 K15 K16 K17 K18 K19 K20 K21

110'

80'

50'

70'

160'

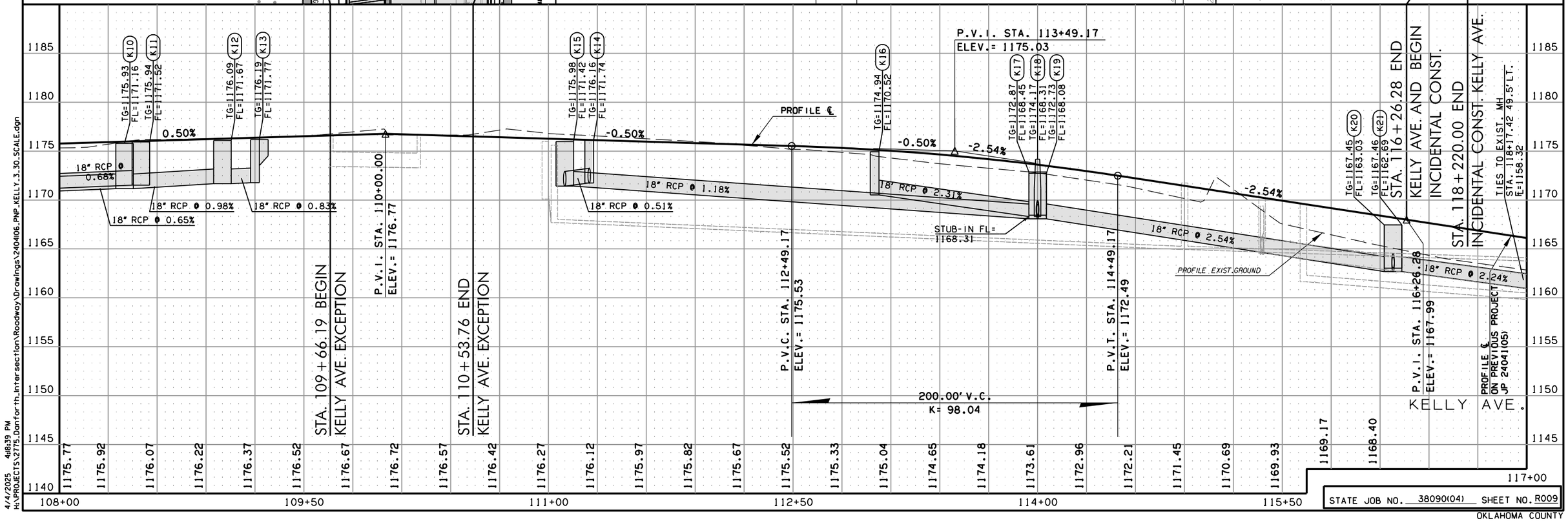
105'

15' U/E

20' U/E

25' FIRE LANE

30 0 30 60
SCALE



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STATE JOB NO. 38090(04) SHEET NO. R009

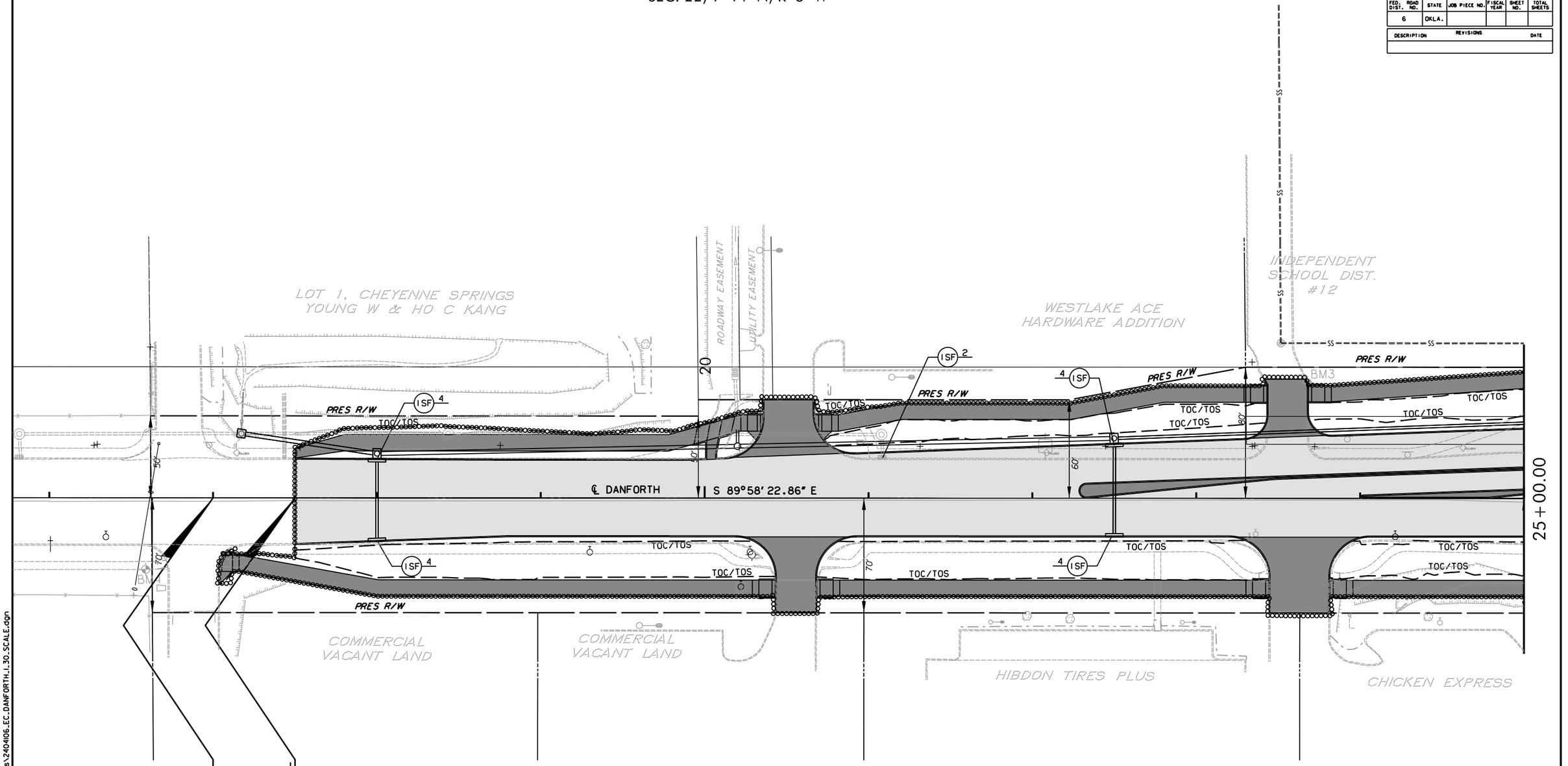
OKLAHOMA COUNTY

SEC. 22, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



SEC. 27, T–14–N, R–3–W

30 0 30 60
SCALE

LEGEND

- TEMPORARY INLET SEDIMENT FILTER — ISF X
- TEMPORARY ROCK FILTER DAM — RFD H
- TEMPORARY SILT FENCE
- DISTURBED AREA BOUNDARY

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

EROSION CONTROL SHEETS (DANFORTH) (SHEET 1 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R010

OKLAHOMA COUNTY

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SEC. 22, T–14–N, R–3–W

SEC. 23, T–14–N, R–3–W

SEC. 26, T–14–N, R–3–W

SEC. 27, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

DESCRIPTION	REVISIONS	DATE

BANK OF OKLAHOMA

DANFORTH JR., LLC

FERRARI, GRATTAN, GRATTAN & GRATTAN

MUTUAL ACCESS AGREEMENT

N 20°14'00" W

17' Road Esmt

27' Road Esmt

15' U/E

TEMP. R/W TO CONST. DRIVE

25' FIRE LANE

PRES R/W

TOC/TOS

ISF 4

ISF 2

PUC

S 89°58' 22.86" E

℄ DANFORTH

110

P.I. STA. 110+00.00

℄ KELLY AVE.

N 0°46' 35.16" W

N 0°15' 37.40" W

P.I. STA. 30+00.00

℄ DANFORTH

S 89°47' 47.94" E

25+00.00

34+00.00

CHICKEN EXPRESS

COMMERCIAL VACANT LAND

MCDONALDS

7 ELEVEN INC.

GIANOS FAMILY LIMITED PARTNERSHIP

30 0 30 60

SCALE

LEGEND

TEMPORARY INLET SEDIMENT FILTER	ISF X
TEMPORARY ROCK FILTER DAM	RFD II
TEMPORARY SILT FENCE	
DISTURBED AREA BOUNDARY	

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

EROSION CONTROL SHEETS (DANFORTH) (SHEET 2 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R011

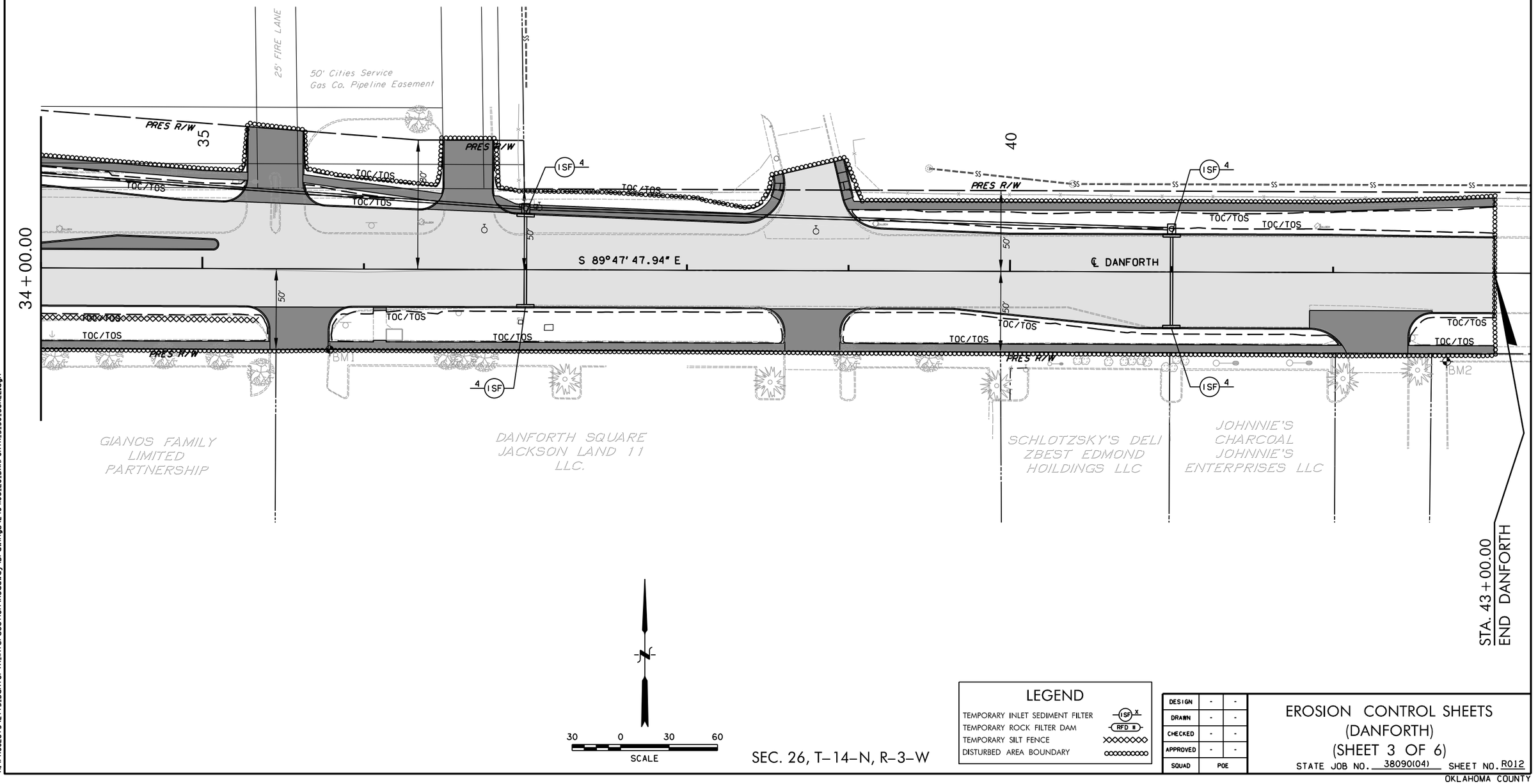
OKLAHOMA COUNTY

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SEC. 23, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



30 0 30 60
SCALE

SEC. 26, T–14–N, R–3–W

LEGEND

TEMPORARY INLET SEDIMENT FILTER	ISF X
TEMPORARY ROCK FILTER DAM	RFD N
TEMPORARY SILT FENCE	
DISTURBED AREA BOUNDARY	

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

EROSION CONTROL SHEETS (DANFORTH) (SHEET 3 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R012

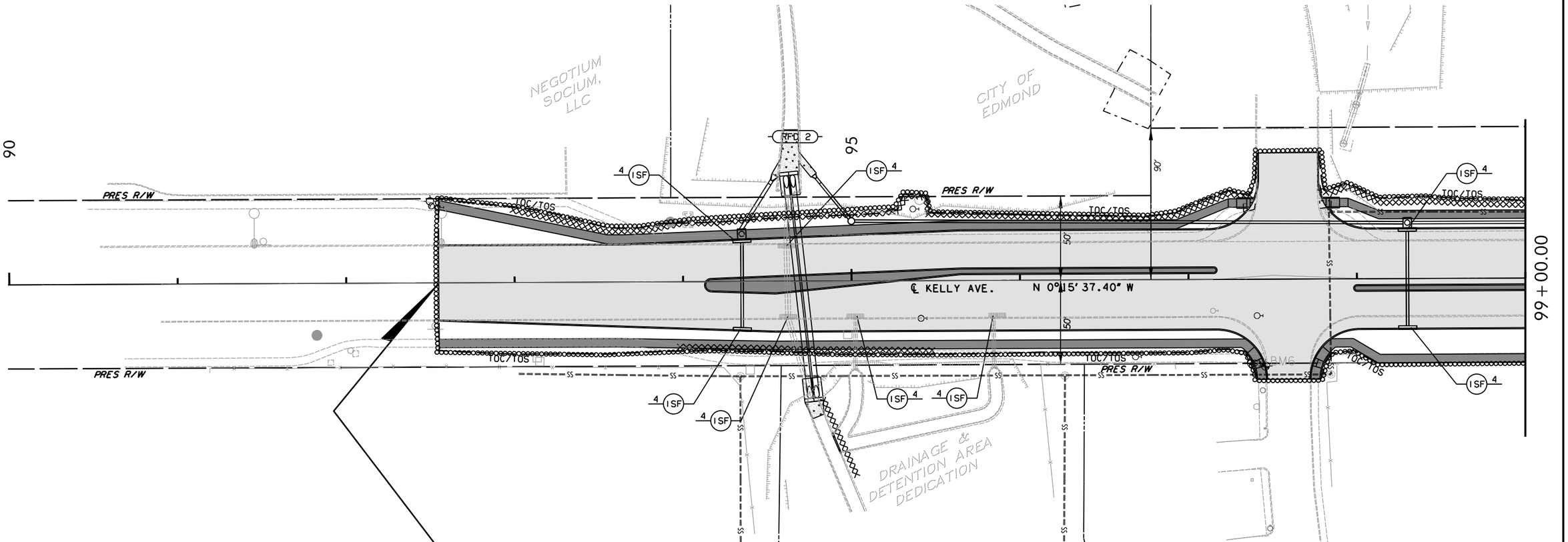
OKLAHOMA COUNTY

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SEC. 27, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

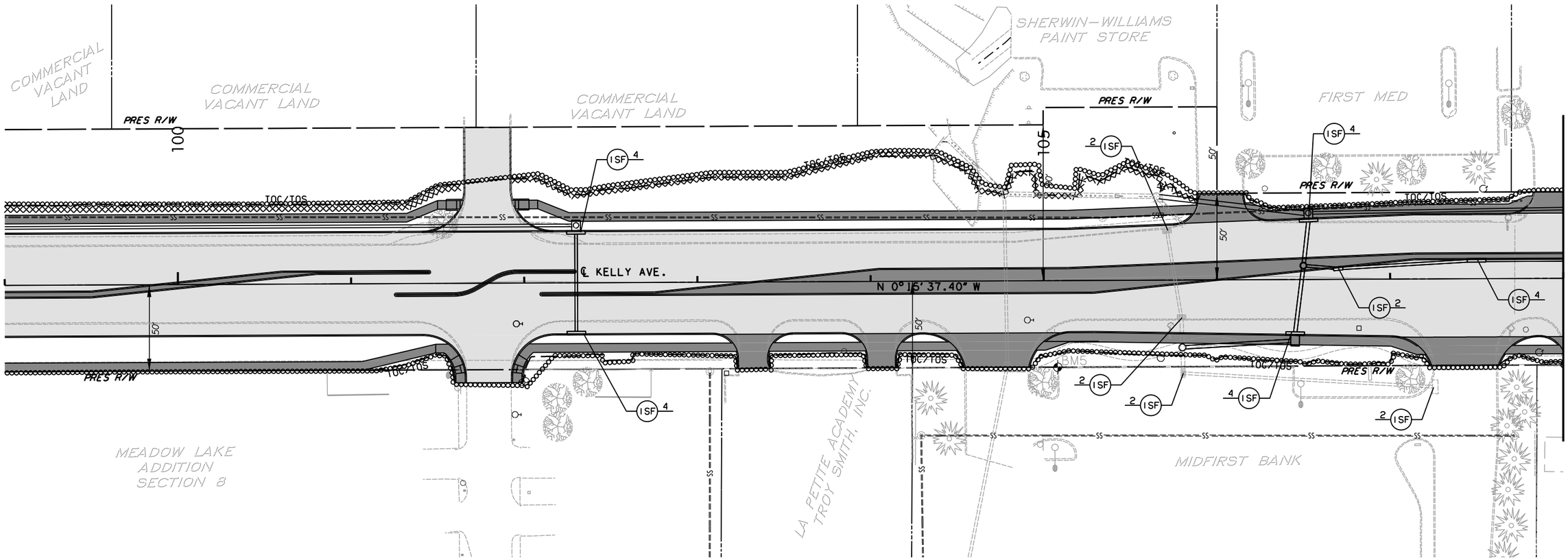
REVISIONS	
DESCRIPTION	DATE


NEGOTIUM SOCIUM, LLC
CITY OF EDMOND
90
95
99+00.00
PRES R/W
PRES R/W
PRES R/W
PRES R/W
TOC/TOS
TOC/TOS
TOC/TOS
TOC/TOS
TOC/TOS
RFD 2
4 ISF
ISF 4
ISF 4
ISF 4
4 ISF
4 ISF
ISF 4
4 ISF
ISF 4
℄ KELLY AVE. N 0°15' 37.40" W
90'
50'
50'
SS
SS
SS

SEC. 27, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



SEC. 26, T–14–N, R–3–W

30 0 30 60
SCALE

LEGEND

TEMPORARY INLET SEDIMENT FILTER	ISF X
TEMPORARY ROCK FILTER DAM	RFD II
TEMPORARY SILT FENCE	
DISTURBED AREA BOUNDARY	

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

EROSION CONTROL SHEETS (KELLY AVE.) (SHEET 5 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R014

OKLAHOMA COUNTY

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SEC. 27, T–14–N, R–3–W

SEC. 22, T–14–N, R–3–W

SEC. 26, T–14–N, R–3–W

SEC. 23, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

MCDONALDS

FERRARI, GRATTAN, GRATTAN & GRATTAN

BANK OF OKLAHOMA

TINKER CREDIT UNION

EDMOND PUBLIC SCHOOLS 1–12

7 ELEVEN INC.

NORTH OAKS CENTER

MICHAEL K. FORTH AND NANETTE FORTH

℄ DANFORTH

℄ KELLY AVE.

P.I. STA. 110+00.00

P.I. STA. 30+00.00

108+00.00

30

N 0°15' 37.40" W

N 0°46' 35.16" W

S 89°47' 47.94" E

PRES R/W

TOC/TOS

SS

50'

80'

70'

160'

105'

115'

110'

47' Road Exist

15' U/E

20' U/E

25' FIRE LANE

STA. 116+26.28 END KELLY AVE. AND BEGIN INCIDENTAL CONST.

STA. 118+20.00 END INCIDENTAL CONST. KELLY AVE.

LEGEND

TEMPORARY INLET SEDIMENT FILTER	ISF x
TEMPORARY ROCK FILTER DAM	RFD #
TEMPORARY SILT FENCE	
DISTURBED AREA BOUNDARY	

SCALE 30 0 30 60

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

EROSION CONTROL SHEETS (KELLY AVE.) (SHEET 6 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R015

OKLAHOMA COUNTY

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SEC. 22, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

REMOVE MANHOLE
REMOVE 257.31 L.F. OF CURB & GUTTER
REMOVAL OF SIDEWALK= 223.68 S.Y.
REMOVAL OF CONC. DRIVEWAY= 194.65 S.Y.
REMOVE MANHOLE
REMOVE 18" X 258.63' RCP
REMOVE 18" X 121.47' RCP
PRES R/W
20' ROADWAY EASEMENT
UTILITY EASEMENT
REMOVAL OF SIDEWALK= 183.96 S.Y.
REMOVAL OF ASPH. PAVEMENT= 3860.80 S.Y.
REMOVE INLET
REMOVE 18" X 11.02' RCP
REMOVE MANHOLE
PRES R/W
SAWCUT 25.99 L.F. OF PAVEMENT
REMOVAL OF CONC. DRIVEWAY= 161.15 S.Y.
REMOVE 228.73 L.F. OF CURB & GUTTER
PRES R/W
BM3
REMOVE 122.84 L.F. OF CURB & GUTTER
REMOVAL OF SIDEWALK= 83.47 S.Y.
PRES R/W
SS
SS
SS
50'
60'
80'
SAWCUT 64.58 L.F. OF PAVEMENT
℄ DANFORTH
S 89°58' 22.86" E
25+00.00
REMOVE 264.01 L.F. OF CURB & GUTTER
REMOVAL OF SIDEWALK= 211.22 S.Y.
PRES R/W
70'
REMOVE 216.81 L.F. OF CURB & GUTTER
REMOVAL OF CONC. DRIVEWAY= 186.06 S.Y.
SAWCUT 25.14 L.F. OF PAVEMENT
REMOVAL OF SIDEWALK= 194.87 S.Y.
SAWCUT 4.00 L.F. OF PAVEMENT
REMOVAL OF CONC. DRIVEWAY= 241.81 S.Y.
REMOVE 90.79 L.F. OF CURB & GUTTER
REMOVAL OF SIDEWALK= 243.32 S.Y.
SAWCUT 37.12 L.F. OF PAVEMENT

STA. 17+00.00 BEGIN INCIDENTAL CONST. DANFORTH

STA. 17+50.00 END INCIDENTAL CONST. AND BEGIN DANFORTH

CONTRACTOR SHALL FIELD VERIFY AND NOTIFY THE CITY OF EDMOND BEFORE REMOVAL OF ANY FENCING WITHIN RIGHT–OF–WAY.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FENCE NOT DESIGNATED TO BE REMOVED.

30 0 30 60
SCALE

SEC. 27, T–14–N, R–3–W

LEGEND
- CONC. PAVEMENT REMOVAL
- ASPHALT PAVEMENT REMOVAL
- CONC. DRIVE REMOVAL
- ASPHALT DRIVE REMOVAL
- SIDEWALK REMOVAL

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

REMOVAL SHEETS
(DANFORTH)
(SHEET 1 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R016

OKLAHOMA COUNTY

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SEC. 22, T–14–N, R–3–W

SEC. 23, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

PAVEMENT CHANGE MATCHLINE
REMOVAL SHEET (SHEET 6 OF 6)

TEMP. R/W TO
CONST. DRIVE

17' Road Esmt

15' U/E

N 0°46' 35.16" W

REMOVAL OF
SIDEWALK= 18.10 S.Y.

SAWCUT 23.87 L.F.
OF PAVEMENT

REMOVAL OF CONC.
DRIVEWAY= 187.47 S.Y.

REMOVAL OF CONC.
DRIVEWAY= 244.08 S.Y.

SAWCUT 39.38 L.F.
OF PAVEMENT

REMOVAL OF CONC.
PAVEMENT= 6127.74 S.Y.

REMOVAL OF
SIDEWALK= 138.88 S.Y.

PRES R/W

REMOVAL OF
SIDEWALK= 66.46 S.Y.

REMOVE 72.87 L.F.
OF CURB & GUTTER

REMOVE 449.10 L.F.
OF CURB & GUTTER

REMOVAL OF ASPH.
DRIVEWAY= 732.90 S.Y.

SAWCUT 425.69 L.F.
OF PAVEMENT

REMOVE 30.40 L.F. OF
18" X 144.58' RCP

REMOVE 238.17 L.F.
OF CURB & GUTTER

REMOVAL OF
SIDEWALK= 108.47 S.Y.

REMOVAL OF
SIDEWALK= 98.57 S.Y.

REMOVAL OF CONC.
DRIVEWAY= 121.95 S.Y.

REMOVE 190.53 L.F.
OF CURB & GUTTER

REMOVE MANHOLE

REMOVE 167.36 L.F.
OF CURB & GUTTER

REMOVE
18" X 36.87' RCP

REMOVE 366.81 L.F.
OF CURB & GUTTER

25+00.00

34+00.00

S 89°58' 22.86" E

℄ DANFORTH

110

S 89°47' 47.94" E

P.I. STA. 110+00.00
℄ KELLY AVE.

REMOVE
18" X 50.44' RCP

REMOVE INLET

P.I. STA. 30+00.00
℄ DANFORTH

N 0°15' 37.40" W

REMOVE 200.00 L.F.
OF CURB & GUTTER

REMOVAL OF
SIDEWALK= 138.89 S.Y.

REMOVAL OF ASPH.
PAVEMENT= 1523.02 S.Y.

REMOVE 326.45 L.F.
OF CURB & GUTTER

REMOVAL OF CONC.
DRIVEWAY= 77.32 S.Y.

SAWCUT 30.61 L.F.
OF PAVEMENT

REMOVAL OF
SIDEWALK= 122.35 S.Y.

REMOVE 65.44 L.F.
OF CURB & GUTTER

REMOVAL OF
SIDEWALK= 54.58 S.Y.

SAWCUT 29.45 L.F.
OF PAVEMENT

REMOVAL OF CONC.
DRIVEWAY= 82.40 S.Y.

REMOVAL OF
SIDEWALK= 42.01 S.Y.

REMOVE 97.15 L.F.
OF CURB & GUTTER

REMOVE 102.09 L.F.
OF CURB & GUTTER

REMOVAL OF
SIDEWALK= 70.97 S.Y.

REMOVAL OF CONC.
DRIVEWAY= 129.83 S.Y.

REMOVAL OF ASPH.
DRIVEWAY= 50.08 S.Y.

SAWCUT 37.38 L.F.
OF PAVEMENT

REMOVAL OF ASPH.
PAVEMENT= 566.94 S.Y.

REMOVE 17.68 L.F.
OF CURB & GUTTER

REMOVE 7.31 L.F.
OF CURB & GUTTER

CONTRACTOR SHALL FIELD VERIFY AND NOTIFY THE CITY OF EDMOND BEFORE REMOVAL OF ANY FENCING WITHIN RIGHT–OF–WAY.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FENCE NOT DESIGNATED TO BE REMOVED.

SEE REMOVAL SHEETS (KELLY AVE.) FOR ADDITIONAL REMOVALS

PAVEMENT CHANGE MATCHLINE
REMOVAL SHEET (SHEET 5 OF 6)

SEC. 27, T–14–N, R–3–W

SEC. 26, T–14–N, R–3–W

LEGEND

- CONC. PAVEMENT REMOVAL
- ASPHALT PAVEMENT REMOVAL
- CONC. DRIVE REMOVAL
- ASPHALT DRIVE REMOVAL
- SIDEWALK REMOVAL

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

REMOVAL SHEETS (DANFORTH) (SHEET 2 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R017

OKLAHOMA COUNTY

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SEC. 23, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

34+00.00

SAWCUT 209.13 L.F. OF PAVEMENT
REMOVE 129.22 L.F. OF CURB & GUTTER
REMOVAL OF ASPH. DRIVEWAY= 184.25 S.Y.
REMOVAL OF CONC. DRIVEWAY= 135.04 S.Y.
REMOVAL OF SIDEWALK= 68.83 S.Y.
PRES R/W
35
25' FIRE LANE
50' Cities Service Gas Co. Pipeline Easement
SAWCUT 31.39 L.F. OF PAVEMENT
REMOVAL OF SIDEWALK= 49.30 S.Y.
PRES R/W
REMOVAL OF CONC. DRIVEWAY= 230.72 S.Y.
REMOVAL OF SIDEWALK= 98.75 S.Y.
SAWCUT 41.58 L.F. OF PAVEMENT
REMOVAL OF CONC. DRIVEWAY= 227.25 S.Y.
40
REMOVAL OF ASPH. PAVEMENT= 4338.33 S.Y.
REMOVAL OF SIDEWALK= 215.66 S.Y.
SAWCUT 4.84 L.F. OF PAVEMENT
PRES R/W
REMOVE 112.31 L.F. OF CURB & GUTTER
REMOVE 56.20 L.F. OF CURB & GUTTER
REMOVE 137.04 L.F. OF CURB & GUTTER
REMOVE 377.05 L.F. OF CURB & GUTTER
SAWCUT 47.62 L.F. OF PAVEMENT
80'
50'
S 89°47'47.94" E
℄ DANFORTH
REMOVE 237.43 L.F. OF CURB & GUTTER
REMOVE 268.42 L.F. OF CURB & GUTTER
PRES R/W
PRES R/W
BM1
BM2
REMOVE 121.28 L.F. OF CURB & GUTTER
DO NOT DISTURB BUS STOP SHELTER
REMOVAL OF SIDEWALK= 77.19 S.Y.
REMOVAL OF CONC. DRIVEWAY= 139.51 S.Y.
SAWCUT 37.81 L.F. OF PAVEMENT
REMOVAL OF SIDEWALK= 153.93 S.Y.
REMOVAL OF CONC. DRIVEWAY= 152.12 S.Y.
SAWCUT 35.49 L.F. OF PAVEMENT
REMOVAL OF SIDEWALK= 167.47 S.Y.
REMOVAL OF CONC. DRIVEWAY= 180.32 S.Y.
SAWCUT 38.91 L.F. OF PAVEMENT
REMOVAL OF SIDEWALK= 30.44 S.Y.
REMOVE 38.59 L.F. OF CURB & GUTTER
SAWCUT 5.05 L.F. OF PAVEMENT
STA. 43+00.00
END DANFORTH

CONTRACTOR SHALL FIELD VERIFY AND NOTIFY THE CITY OF EDMOND BEFORE REMOVAL OF ANY FENCING WITHIN RIGHT–OF–WAY.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FENCE NOT DESIGNATED TO BE REMOVED.

N

30 0 30 60
SCALE

SEC. 26, T–14–N, R–3–W

LEGEND

- CONC. PAVEMENT REMOVAL
- ASPHALT PAVEMENT REMOVAL
- CONC. DRIVE REMOVAL
- ASPHALT DRIVE REMOVAL
- SIDEWALK REMOVAL

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

REMOVAL SHEETS
(DANFORTH)
(SHEET 3 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R018

OKLAHOMA COUNTY

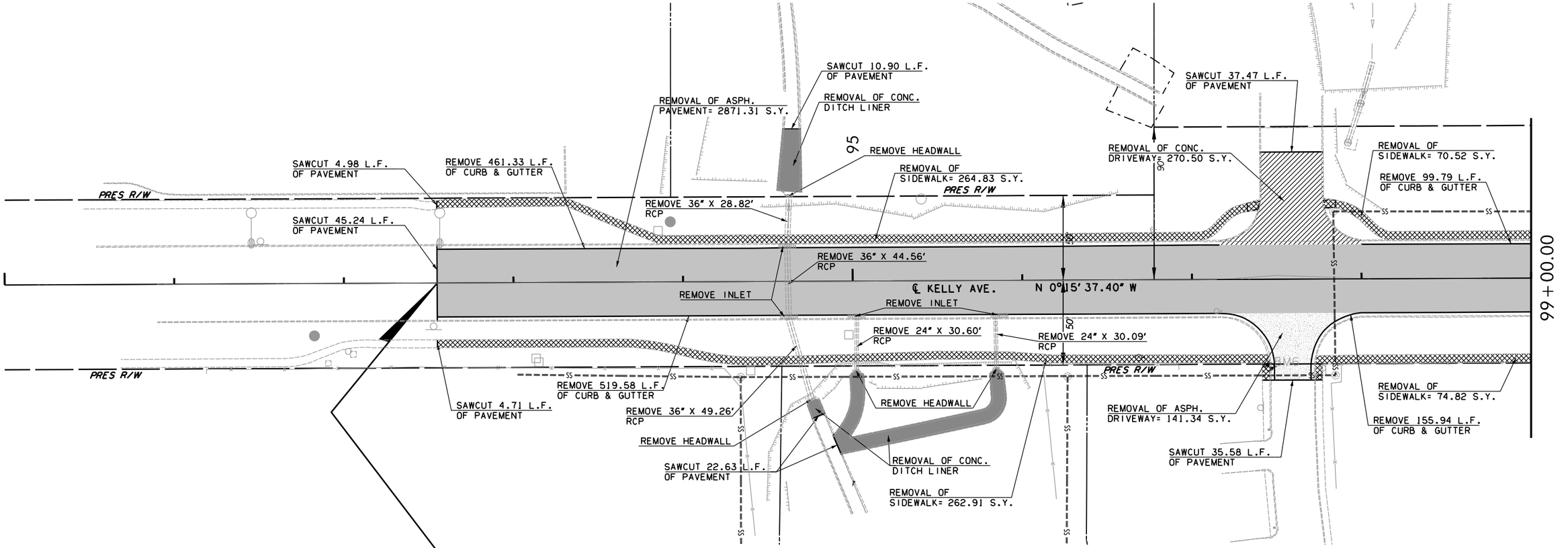
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SEC. 27, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



CONTRACTOR SHALL FIELD VERIFY AND NOTIFY THE CITY OF EDMOND BEFORE REMOVAL OF ANY FENCING WITHIN RIGHT–OF–WAY.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FENCE NOT DESIGNATED TO BE REMOVED.

30 0 30 60
SCALE

SEC. 26, T–14–N, R–3–W

LEGEND

- CONC. PAVEMENT REMOVAL
- ASPHALT PAVEMENT REMOVAL
- CONC. DRIVE REMOVAL
- ASPHALT DRIVE REMOVAL
- SIDEWALK REMOVAL

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

REMOVAL SHEETS
(KELLY AVE.)
(SHEET 4 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R019

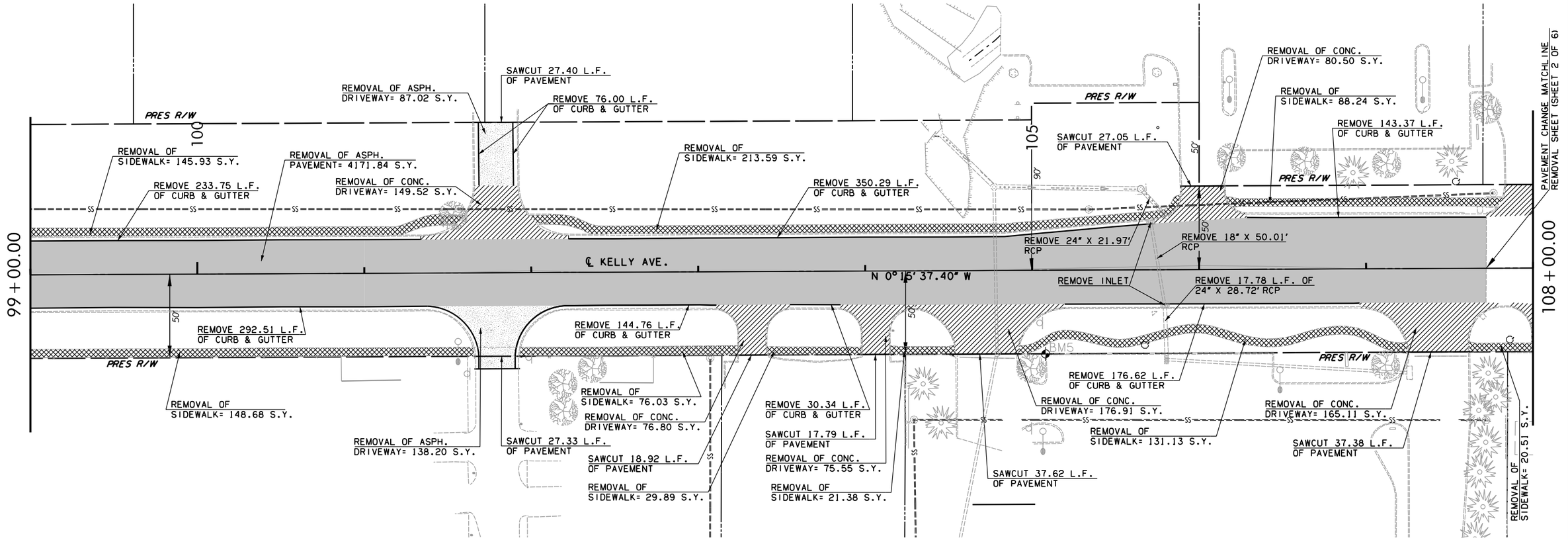
OKLAHOMA COUNTY

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SEC. 27, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



CONTRACTOR SHALL FIELD VERIFY AND NOTIFY THE CITY OF EDMOND BEFORE REMOVAL OF ANY FENCING WITHIN RIGHT–OF–WAY.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FENCE NOT DESIGNATED TO BE REMOVED.

NOTE:
CONC. PAVEMENT REMOVAL FOR KELLY IS INCLUDED IN DANFORTH QUANTITIES

30 0 30 60
SCALE

SEC. 26, T–14–N, R–3–W

LEGEND

- CONC. PAVEMENT REMOVAL
- ASPHALT PAVEMENT REMOVAL
- CONC. DRIVE REMOVAL
- ASPHALT DRIVE REMOVAL
- SIDEWALK REMOVAL

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

REMOVAL SHEETS
(KELLY AVE.)
(SHEET 5 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R020

OKLAHOMA COUNTY

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SEC. 27, T–14–N, R–3–W

SEC. 22, T–14–N, R–3–W

SEC. 26, T–14–N, R–3–W

SEC. 23, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

℄ DANFORTH

℄ KELLY AVE.

P.I. STA. 110+00.00

P.I. STA. 30+00.00

108+00.00

N 0°15' 37.40" W

N 0°46' 35.16" W

S 89°47' 47.94" E

50'

80'

70'

105'

150'

110

115

30

PRES R/W

17' Road Easement

15' U/E

20' U/E

25' FIRE LANE

SAWCUT 31.00 L.F. OF PAVEMENT

REMOVAL OF CONC. DRIVEWAY= 81.74 S.Y.

REMOVAL OF SIDEWALK= 65.91 S.Y.

REMOVAL OF SIDEWALK= 135.61 S.Y.

REMOVAL OF CONC. DRIVEWAY= 108.50 S.Y.

SAWCUT 26.71 L.F. OF PAVEMENT

REMOVAL OF SIDEWALK= 18.22 S.Y.

REMOVE 49.76 L.F. OF CURB & GUTTER

SAWCUT 23.97 L.F. OF PAVEMENT

REMOVAL OF ASPH. DRIVEWAY= 82.88 S.Y.

REMOVAL OF SIDEWALK= 66.60 S.Y.

SAWCUT 26.15 L.F. OF PAVEMENT

REMOVAL OF ASPH. DRIVEWAY= 77.37 S.Y.

REMOVAL OF CONC. DRIVEWAY= 12.31 S.Y.

REMOVE 18" X 273.43' RCP

REMOVE 158.27 L.F. OF CURB & GUTTER

REMOVAL OF SIDEWALK= 231.56 S.Y.

DRIVE STA. 18+00.46 LT.
SAWCUT 56.20 L.F. OF PAVEMENT
REMOVAL OF CONC. DRIVEWAY = 13.00 S.Y
FOR INSTALLATION OF RCP

REMOVAL OF ASPH. PAVEMENT= 2731.30 S.Y.

REMOVE 183.26 L.F. OF CURB & GUTTER

REMOVE MANHOLE

REMOVE 18" X 13.68' RCP

SAWCUT 36.83 L.F. OF PAVEMENT

PAVEMENT CHANGE MATCHLINE REMOVAL SHEET (SHEET 2 OF 6)

REMOVE 18" X 67.01' RCP

REMOVE INLET

REMOVE 23.56 L.F. OF CURB & GUTTER

SAWCUT 36.83 L.F. OF PAVEMENT

REMOVE 37.47 L.F. OF CURB & GUTTER

REMOVAL OF SIDEWALK= 129.03 S.Y.

REMOVE 230.87 L.F. OF CURB & GUTTER

REMOVAL OF ASPH. DRIVEWAY= 74.16 S.Y.

SAWCUT 31.02 L.F. OF PAVEMENT

REMOVAL OF SIDEWALK= 140.96 S.Y.

REMOVAL OF ASPH. DRIVEWAY= 83.44 S.Y.

SAWCUT 26.35 L.F. OF PAVEMENT

REMOVE 107.25 L.F. OF CURB & GUTTER

REMOVAL OF SIDEWALK= 36.59 S.Y.

SAWCUT 26.42 L.F. OF PAVEMENT

REMOVAL OF ASPH. DRIVEWAY= 112.64 S.Y.

REMOVAL OF SIDEWALK= 20.40 S.Y.

REMOVE 55.96 L.F. OF CURB & GUTTER

SAWCUT 5.00 L.F. OF PAVEMENT

REMOVAL OF CONC. DRIVEWAY= 113.91 S.Y.

SAWCUT 33.97 L.F. OF PAVEMENT

REMOVAL OF SIDEWALK= 20.00 S.Y.

REMOVAL OF CONC. DRIVEWAY= 105.84 S.Y.

SAWCUT 34.31 L.F. OF PAVEMENT

REMOVAL OF SIDEWALK= 24.05 S.Y.

NOTE:
CONC. PAVEMENT REMOVAL FOR KELLY IS INCLUDED IN DANFORTH QUANTITIES

CONTRACTOR SHALL FIELD VERIFY AND NOTIFY THE CITY OF EDMOND BEFORE REMOVAL OF ANY FENCING WITHIN RIGHT–OF–WAY.

CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FENCE NOT DESIGNATED TO BE REMOVED.

LEGEND

- CONC. PAVEMENT REMOVAL
- ASPHALT PAVEMENT REMOVAL
- CONC. DRIVE REMOVAL
- ASPHALT DRIVE REMOVAL
- SIDEWALK REMOVAL

30 0 30 60
SCALE

STA. 116+26.28 END
KELLY AVE. AND BEGIN
INCIDENTAL CONST.
STA. 118+20.00 END
INCIDENTAL CONST.
KELLY AVE.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

REMOVAL SHEETS (KELLY AVE.) (SHEET 6 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R021

OKLAHOMA COUNTY

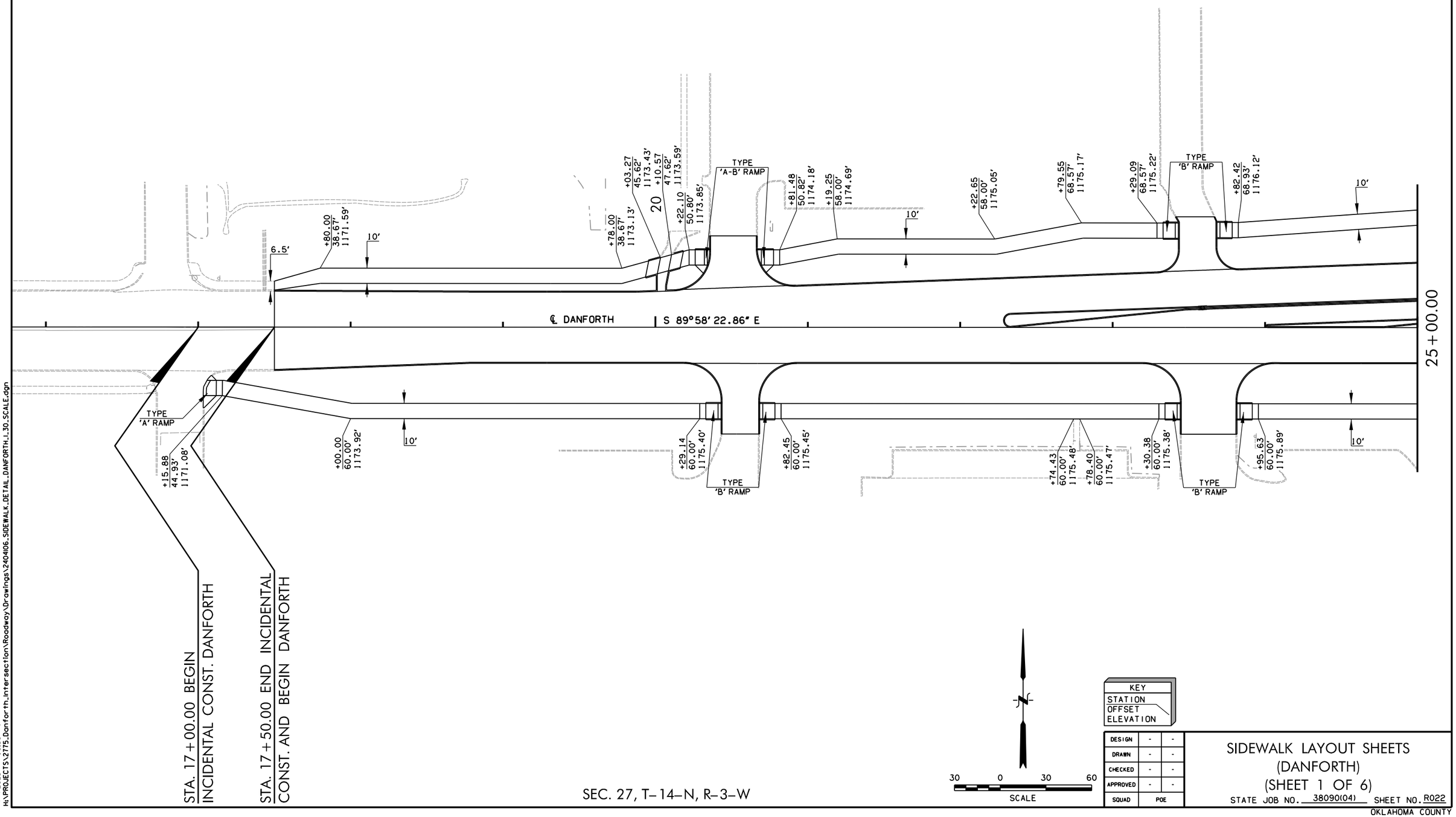
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SEC. 22, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



SEC. 27, T–14–N, R–3–W

KEY
STATION
OFFSET
ELEVATION

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SIDEWALK LAYOUT SHEETS (DANFORTH) (SHEET 1 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R022

OKLAHOMA COUNTY

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SEC. 22, T–14–N, R–3–W

SEC. 23, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

+13.02
78.00'
1176.05'

TYPE
'B' RAMP

+64.43
78.00'
1176.46'

+48.64
78.00'
1176.05'

TYPE
'B' RAMP

+13.97
78.00'
1176.67'

10'

+16.78
78.00'
1177.74'

+25.73
77.38'
1177.40'

10'

+47.00
68.00'

+57.00
50.67'

TYPE
'B' RAMP

25+00.00

℄ DANFORTH

110

30

+67.41
89.96'
1177.12'

+64.99
85.37'
1176.99'

+80.10
78.00'
1177.23'

5'

5'

TYPE
'B' RAMP

+80.70
78.00'
1179.33'

5'

34+00.00

TYPE
'D' RAMP

10'

+50.00
60.00'
1175.43'

+12.66
46.67'
1176.21'

6'

+47.88
46.67'
1176.45'

+58.76
42.08'
1176.40'

+17.42
42.26'
1177.04'

STA. 30+00.00 DANFORTH=
STA. 110+00.00 KELLY AVE.

TYPE
'B' RAMP

5'

+61.60
50.00'
1177.79'

+62.09
44.98'
1177.65'

+00.00
50.00'
1180.33'

5'

℄ KELLY AVE.

KEY
STATION
OFFSET
ELEVATION

30 0 30 60
SCALE

SEC. 26, T–14–N, R–3–W

SEC. 27, T–14–N, R–3–W

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SIDEWALK LAYOUT SHEETS (DANFORTH) (SHEET 2 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R023

OKLAHOMA COUNTY

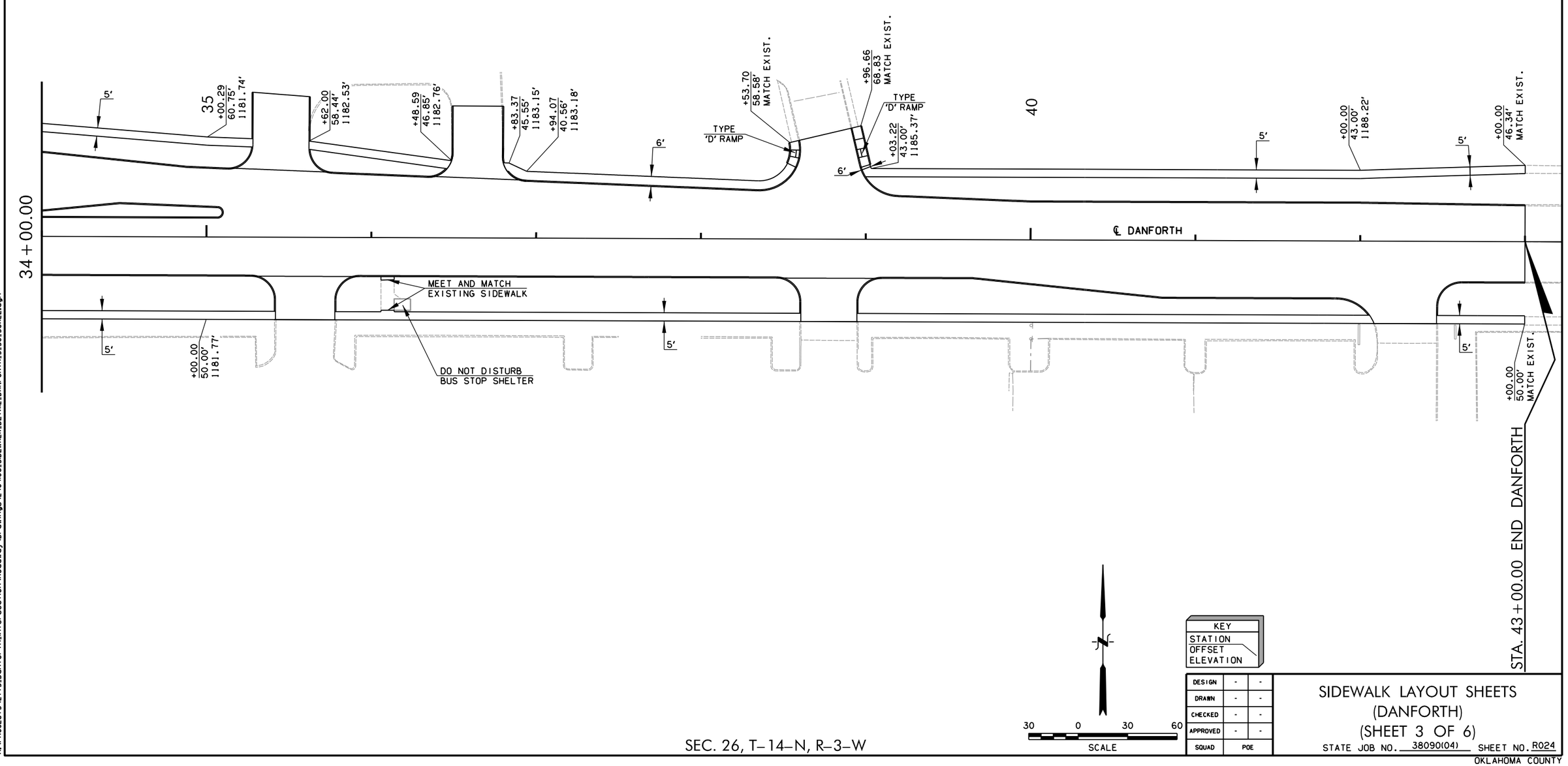
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SEC. 23, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



SEC. 26, T–14–N, R–3–W

30 0 30 60
SCALE

KEY
STATION
OFFSET
ELEVATION

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SIDEWALK LAYOUT SHEETS (DANFORTH) (SHEET 3 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R024

OKLAHOMA COUNTY

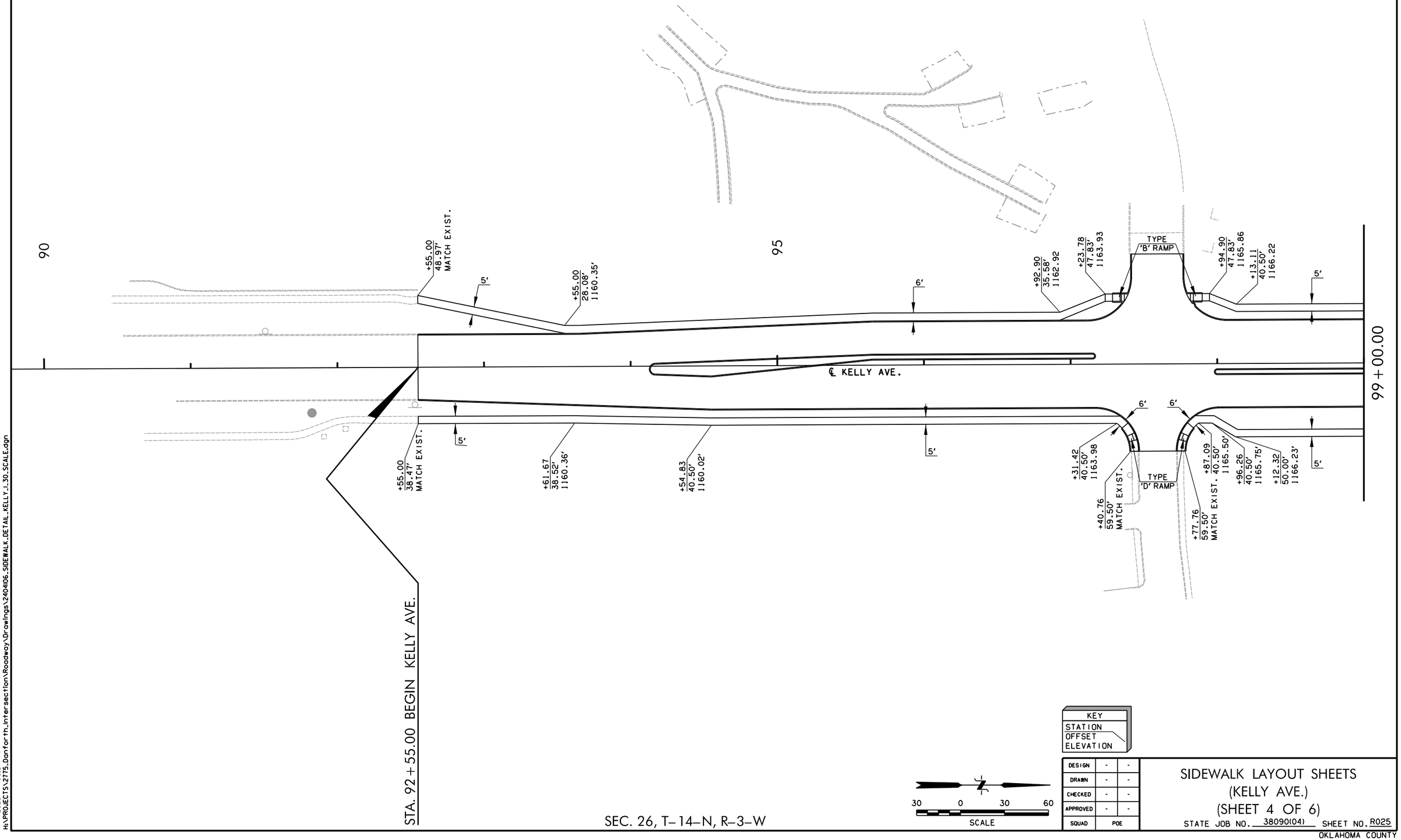
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SEC. 27, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



SEC. 26, T–14–N, R–3–W

KEY
STATION
OFFSET
ELEVATION

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SIDEWALK LAYOUT SHEETS (KELLY AVE.) (SHEET 4 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R025

OKLAHOMA COUNTY

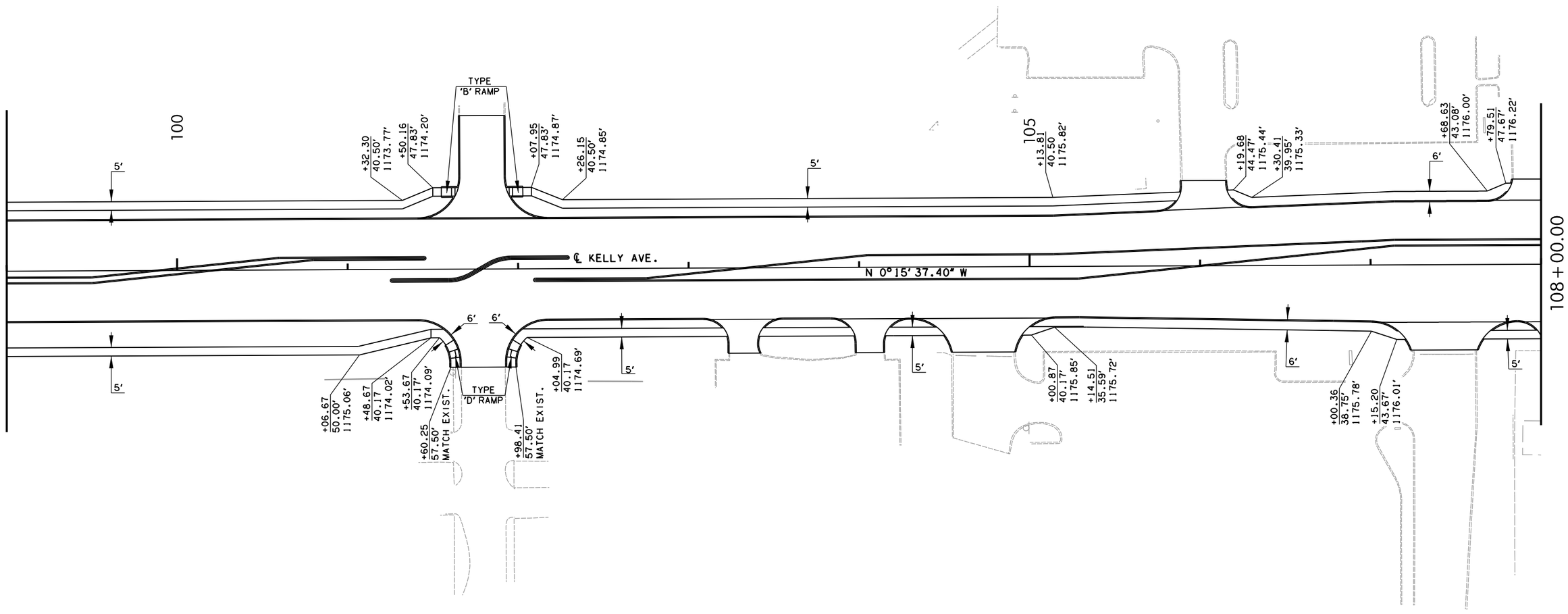
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SEC. 27, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



SEC. 26, T–14–N, R–3–W

KEY
STATION
OFFSET
ELEVATION

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SIDEWALK LAYOUT SHEETS (KELLY AVE.) (SHEET 5 OF 6)

STATE JOB NO. 38090(04) SHEET NO. R026

OKLAHOMA COUNTY

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SEC. 27, T–14–N, R–3–W

SEC. 22, T–14–N, R–3–W

SEC. 26, T–14–N, R–3–W

SEC. 23, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

℄ DANFORTH

108+00.00

110

115

30

℄ KELLY AVE.

6′

10′

5′

TYPE 'B' RAMP

TYPE 'D' RAMP

TYPE 'A-B' RAMP

+17.75 47.67′ 1176.58′

+28.63 43.09′ 1176.54′

+40.64 43.08′ MATCH EXIST.

+45.42 44.98′ MATCH EXIST.

+47.39 43.08′ 1176.64′

+27.89 45.18′ 1177.04′

+26.87 43.67′ 1177.41′

+36.75 49.48′ 1177.54′

+49.50 61.20′ 1177.79′

+16.78 78.00′ 1177.74′

+89.79 67.94′ 1177.24′

+11.95 61.08′ 1176.87′

+37.87 61.08′ 1175.42′

+47.76 66.67′ 1175.48′

+14.76 66.67′ 1174.93′

+62.19 61.88′ 1174.36′

+71.55 55.27′ 1174.10′

+47.52 47.60′ 1172.64′

+55.97 51.89′ 1172.54′

+12.57 51.19′ 1171.13′

+22.15 45.58′ 1170.78′

+86.29 65.47′ 1177.07′

+88.79 68.94′ 1177.12′

+00.13 80.00′ 1176.72′

+30.37 80.00′ 1176.19′

+59.63 50.00′ 1176.35′

+22.46 50.00′ 1172.03′

+52.96 65.39′ 1169.73′

+07.42 65.39′ 1168.19′

+27.31 45.50′ MATCH EXIST.

STA. 110+00.00 KELLY AVE.=
STA. 30+00.00 DANFORTH

STA. 116+26.28 END
KELLY AVE. AND BEGIN
INCIDENTAL CONST.

STA. 118+20.00 END
INCIDENTAL CONST.
KELLY AVE.

KEY
STATION
OFFSET
ELEVATION

30 0 30 60
SCALE

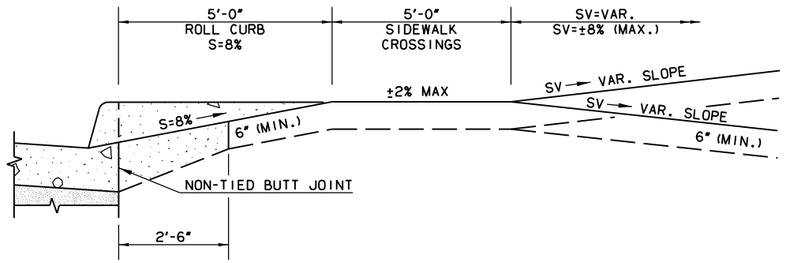
DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

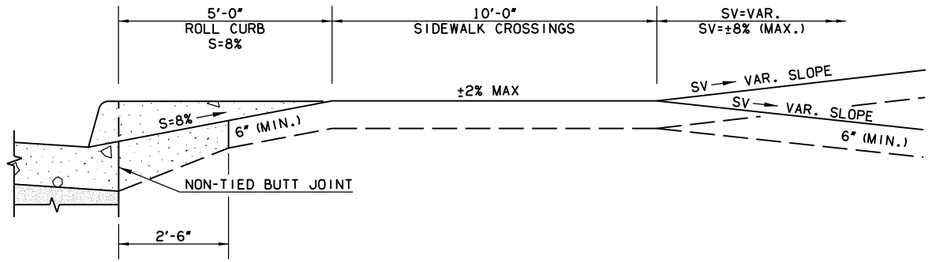
SIDEWALK LAYOUT SHEETS
(KELLY AVE.)
(SHEET 6 OF 6)

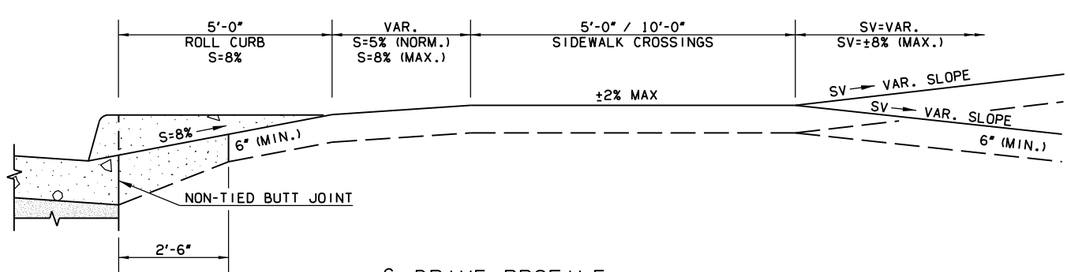
STATE JOB NO. 38090(04) SHEET NO. R027

OKLAHOMA COUNTY

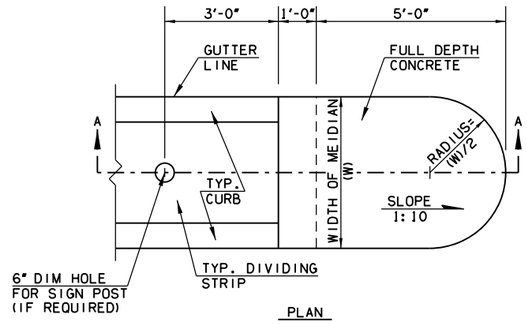
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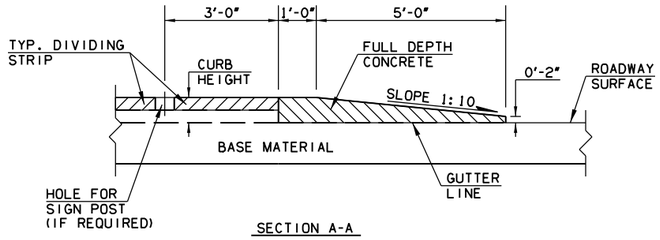




℄ DRIVE PROFILE



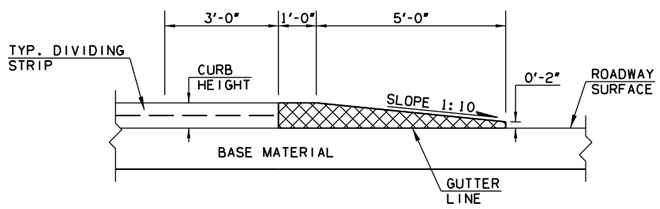
PLAN



SECTION A-A

SLOPED MEDIAN NOSE

PLAN



SECTION B-B

STRIPE TREATMENT ON SLOPED MEDIAN NOSE

① COST OF SLOPED PAVED MEDIAN NOSE, YELLOW TRAFFIC STRIPE (PLURAL-COMPONENT), AND INSTALLATION TO BE INCLUDED IN OTHER ITEMS BID.

② FOR ADDITIONAL INFORMATION SEE TYPICALS AND OTHER DETAILS.

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS

STATE JOB NO. 38090(04) SHEET NO. R028

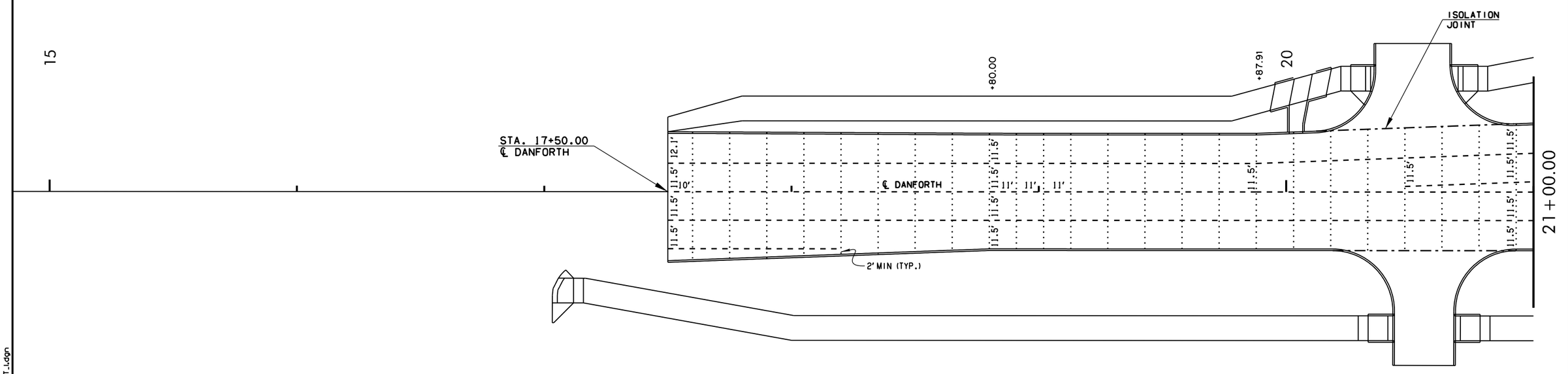
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



NOTE: DIMENSIONS ARE TO THE FACE OF CURB WHERE CURB IS PRESENT.
JOINTS ARE CUT TO THE BACK OF CURB.
CONTRACTOR MAY ADJUST JOINTS TO LINE UP WITH DESIGN ELEMENTS AS DIRECTED BY THE ENGINEER.
CONTRACTION JOINTS SHALL BE PLACED AT 15 FOOT SPACING
SEE ODOT STD. LECS-4 (LATEST REVISION) FOR JOINT DETAILS
FOR ADDITIONAL INFORMATION SEE ODOT STD. ASCD-5, CSCD-5, LTU-4, CRCP1-3, PCPR-3 (LATEST REVISIONS)

30 0 30 60
SCALE

LEGEND

LONGITUDINAL JOINT	- - - - - -
CONTRACTION JOINT	.....

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

JOINT LAYOUT DETAIL SHEETS (SHEET 1 OF 8)

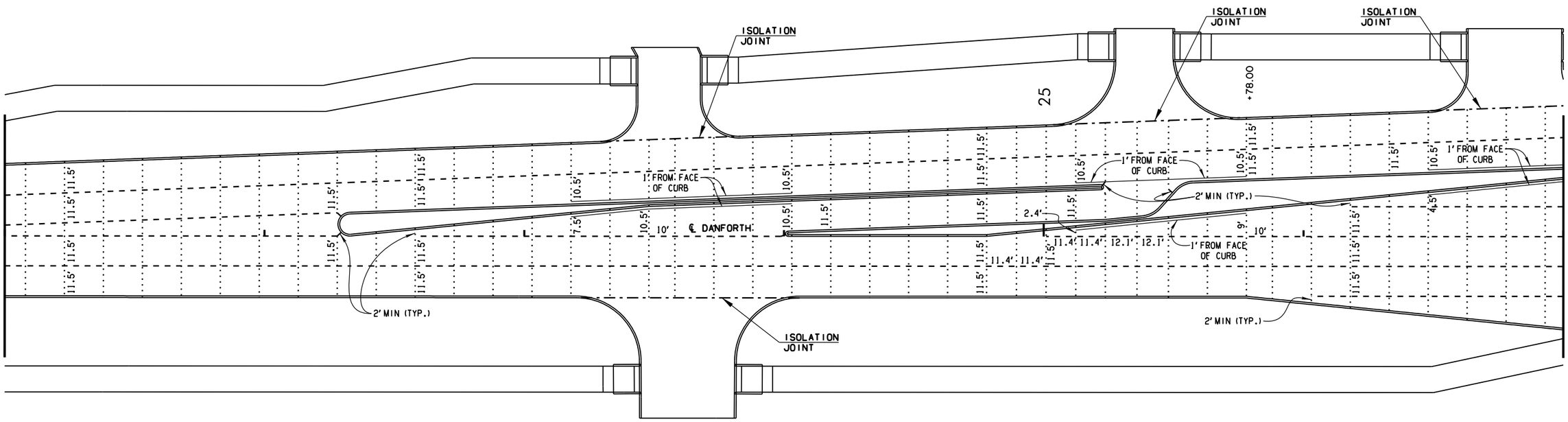
STATE JOB NO. 38090(04) SHEET NO. R029

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



NOTE: DIMENSIONS ARE TO THE FACE OF CURB WHERE CURB IS PRESENT.
JOINTS ARE CUT TO THE BACK OF CURB.
CONTRACTOR MAY ADJUST JOINTS TO LINE UP WITH DESIGN ELEMENTS AS DIRECTED BY THE ENGINEER.
CONTRACTION JOINTS SHALL BE PLACED AT 15 FOOT SPACING
SEE ODOT STD. LECS-4 (LATEST REVISION) FOR JOINT DETAILS
FOR ADDITIONAL INFORMATION SEE ODOT STD. ASCD-5, CSCD-5, LTU-4, CRCP1-3, PCPR-3 (LATEST REVISIONS)

30 0 30 60
SCALE

LEGEND

LONGITUDINAL JOINT	- - - - - - -
CONTRACTION JOINT	.....

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

JOINT LAYOUT DETAIL SHEETS (SHEET 2 OF 8)

STATE JOB NO. 38090(04) SHEET NO. R030

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

112+00.00

+70.00

+08.00

+80.00

27+00.00

33+00.00

108+00.00

2' MIN (TYP.)

1' FROM FACE OF CURB

2' MIN (TYP.)

℄ DANFORTH

110

30

ISOLATION JOINT

ISOLATION JOINT

ISOLATION JOINT

ISOLATION JOINT

ISOLATION JOINT

℄ KELLY AVE.

1' FROM FACE OF CURB

NOTE: DIMENSIONS ARE TO THE FACE OF CURB WHERE CURB IS PRESENT.
JOINTS ARE CUT TO THE BACK OF CURB.
CONTRACTOR MAY ADJUST JOINTS TO LINE UP WITH DESIGN ELEMENTS AS DIRECTED BY THE ENGINEER.
CONTRACTION JOINTS SHALL BE PLACED AT 15 FOOT SPACING
SEE ODOT STD. LECS-4 (LATEST REVISION) FOR JOINT DETAILS
FOR ADDITIONAL INFORMATION SEE ODOT STD. ASCD-5, CSCD-5, LTU-4, CRCP1-3, PCPR-3 (LATEST REVISIONS)

30 0 30 60
SCALE

LEGEND

LONGITUDINAL JOINT - - - - - -

CONTRACTION JOINT .....

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

JOINT LAYOUT DETAIL SHEETS (SHEET 3 OF 8)

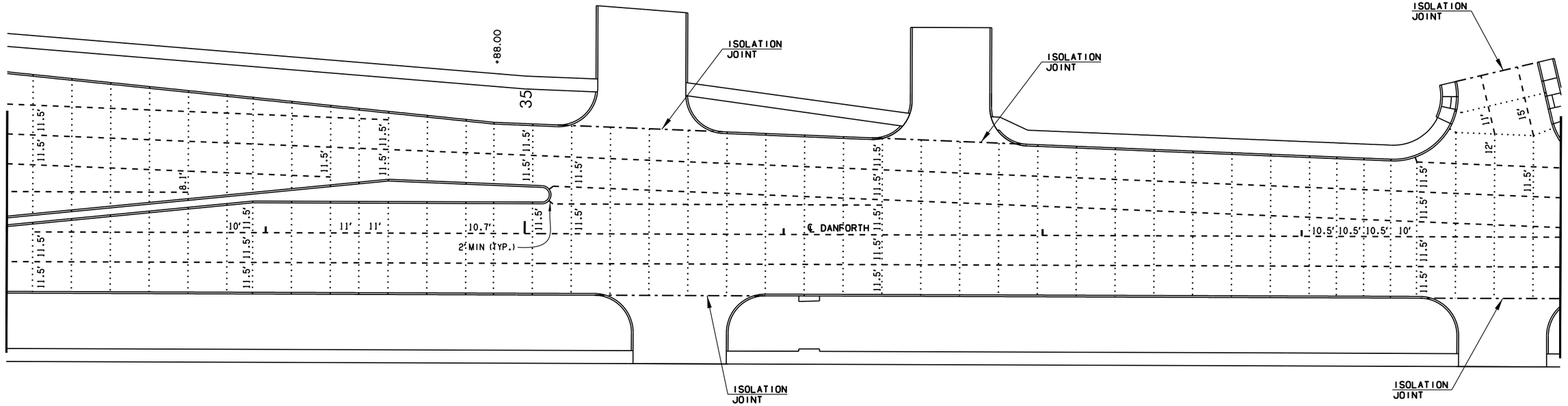
STATE JOB NO. 38090(04) SHEET NO. R031

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



NOTE: DIMENSIONS ARE TO THE FACE OF CURB WHERE CURB IS PRESENT.
JOINTS ARE CUT TO THE BACK OF CURB.
CONTRACTOR MAY ADJUST JOINTS TO LINE UP WITH DESIGN ELEMENTS AS DIRECTED BY THE ENGINEER.
CONTRACTION JOINTS SHALL BE PLACED AT 15 FOOT SPACING
SEE ODOT STD. LECS-4 (LATEST REVISION) FOR JOINT DETAILS
FOR ADDITIONAL INFORMATION SEE ODOT STD. ASCD-5, CSCD-5, LTU-4, CRCP1-3, PCPR-3 (LATEST REVISIONS)

30 0 30 60
SCALE

LEGEND
LONGITUDINAL JOINT - - - - - -
CONTRACTION JOINT .....

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

JOINT LAYOUT DETAIL SHEETS (SHEET 4 OF 8)

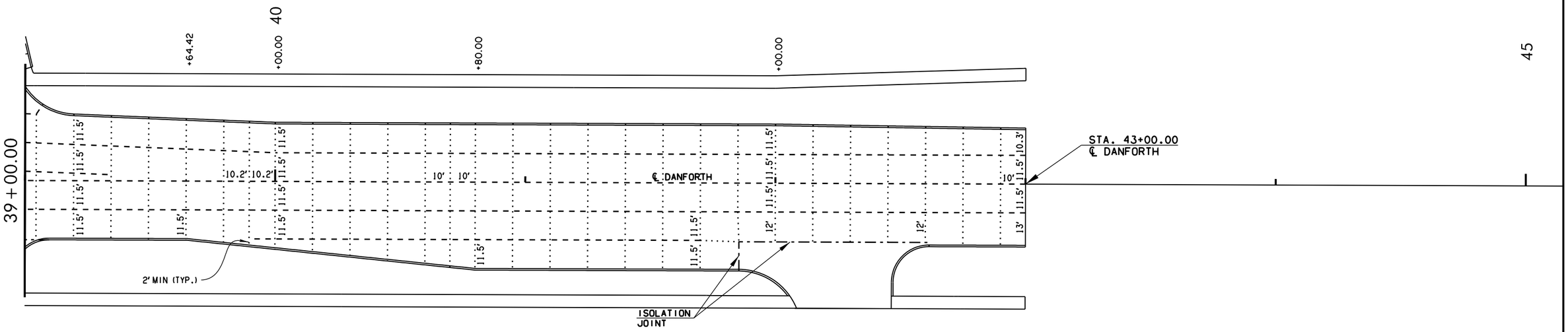
STATE JOB NO. 38090(04) SHEET NO. R032

OKLAHOMA COUNTY

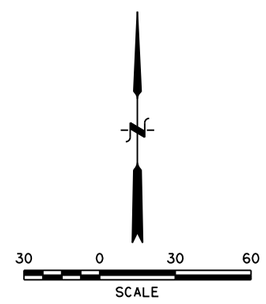
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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



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LEGEND

LONGITUDINAL JOINT	- - - - - -
CONTRACTION JOINT	.....

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

JOINT LAYOUT DETAIL SHEETS (SHEET 5 OF 8)

STATE JOB NO. 38090(04) SHEET NO. R033

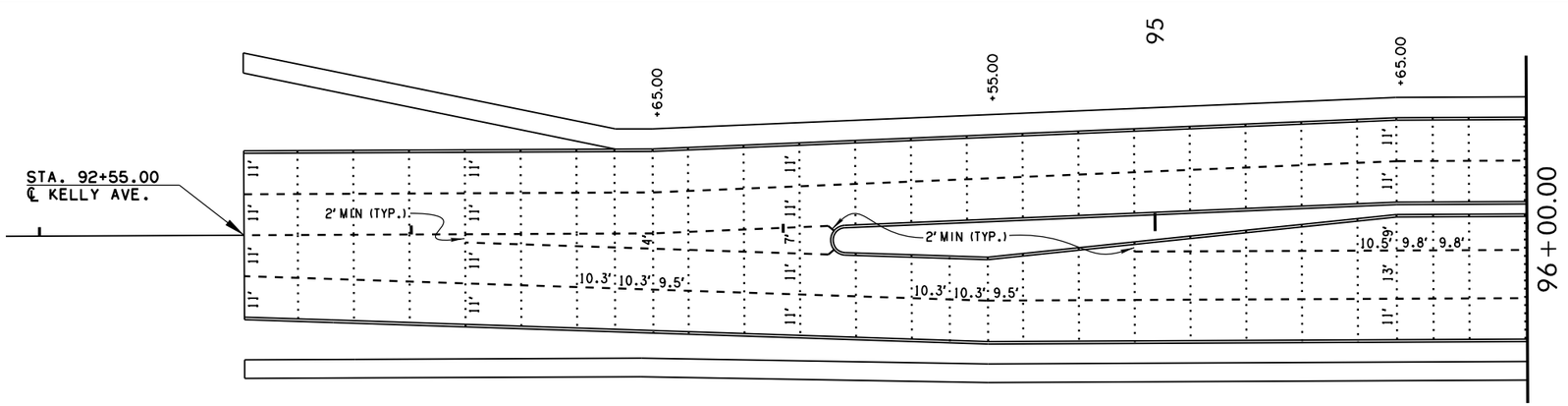
OKLAHOMA COUNTY

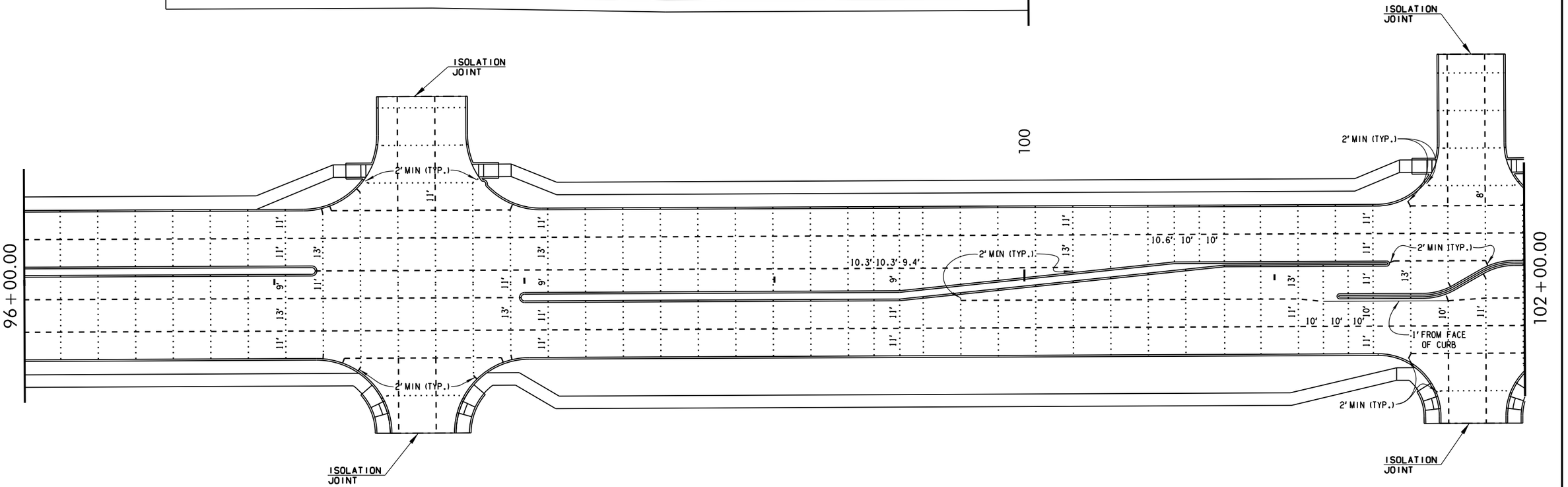
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE





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LEGEND

LONGITUDINAL JOINT - - - - - - -
CONTRACTION JOINT .....

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

JOINT LAYOUT DETAIL SHEETS (SHEET 6 OF 8)

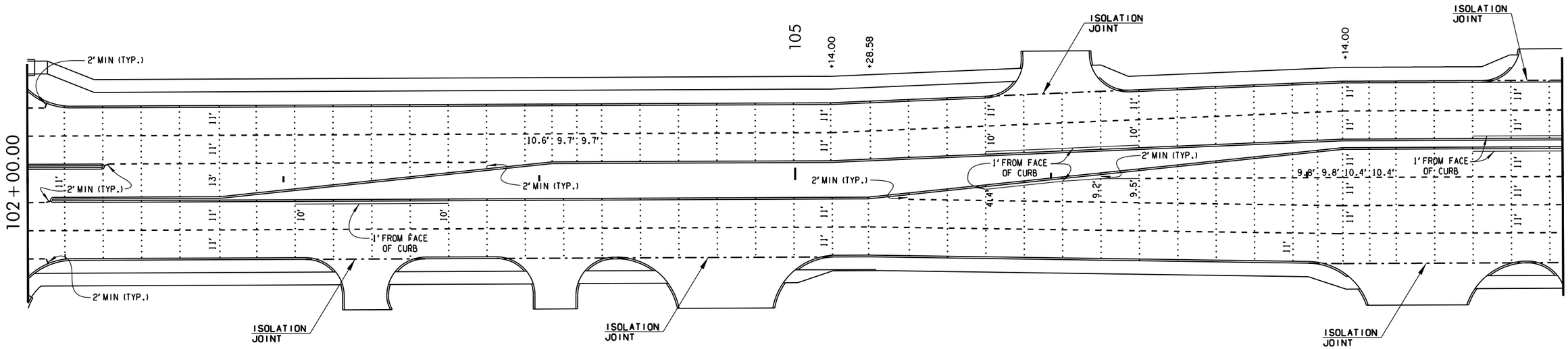
STATE JOB NO. 38090(04) SHEET NO. R034

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



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30 0 30 60
SCALE

LEGEND
LONGITUDINAL JOINT - - - - - -
CONTRACTION JOINT .....

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

JOINT LAYOUT DETAIL SHEETS (SHEET 7 OF 8)

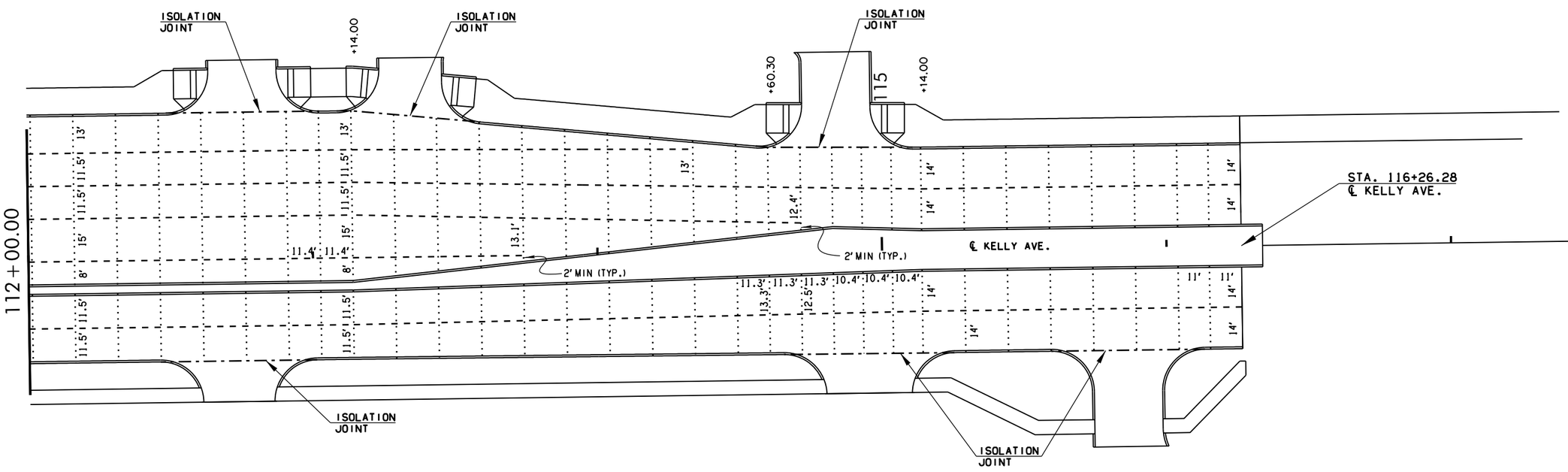
STATE JOB NO. 38090(04) SHEET NO. R035

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



NOTE: DIMENSIONS ARE TO THE FACE OF CURB WHERE CURB IS PRESENT.
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30 0 30 60
SCALE

LEGEND
LONGITUDINAL JOINT - - - - - -
CONTRACTION JOINT .....

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

JOINT LAYOUT DETAIL SHEETS (SHEET 8 OF 8)

STATE JOB NO. 38090(04) SHEET NO. R036

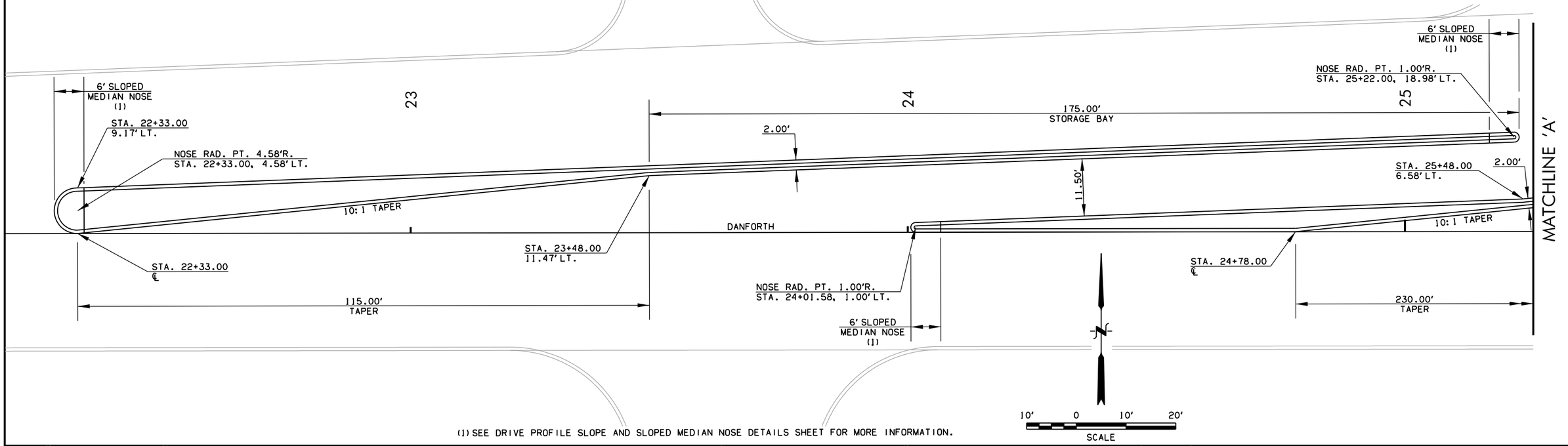
OKLAHOMA COUNTY

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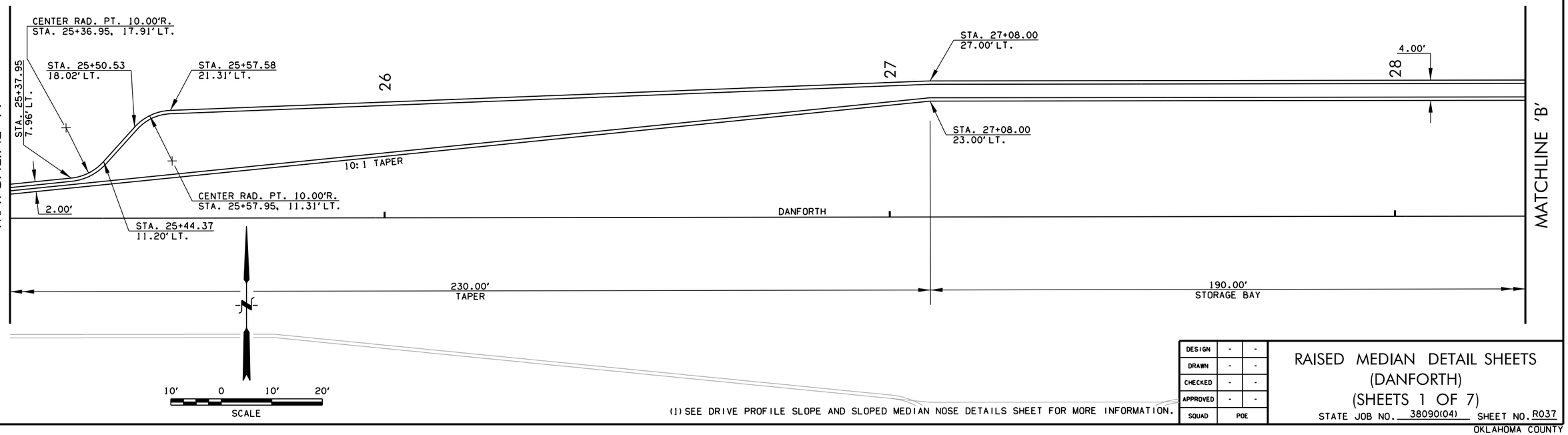
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.



(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

RAISED MEDIAN DETAIL SHEETS (DANFORTH) (SHEETS 1 OF 7)

STATE JOB NO. 38090(04) SHEET NO. R037

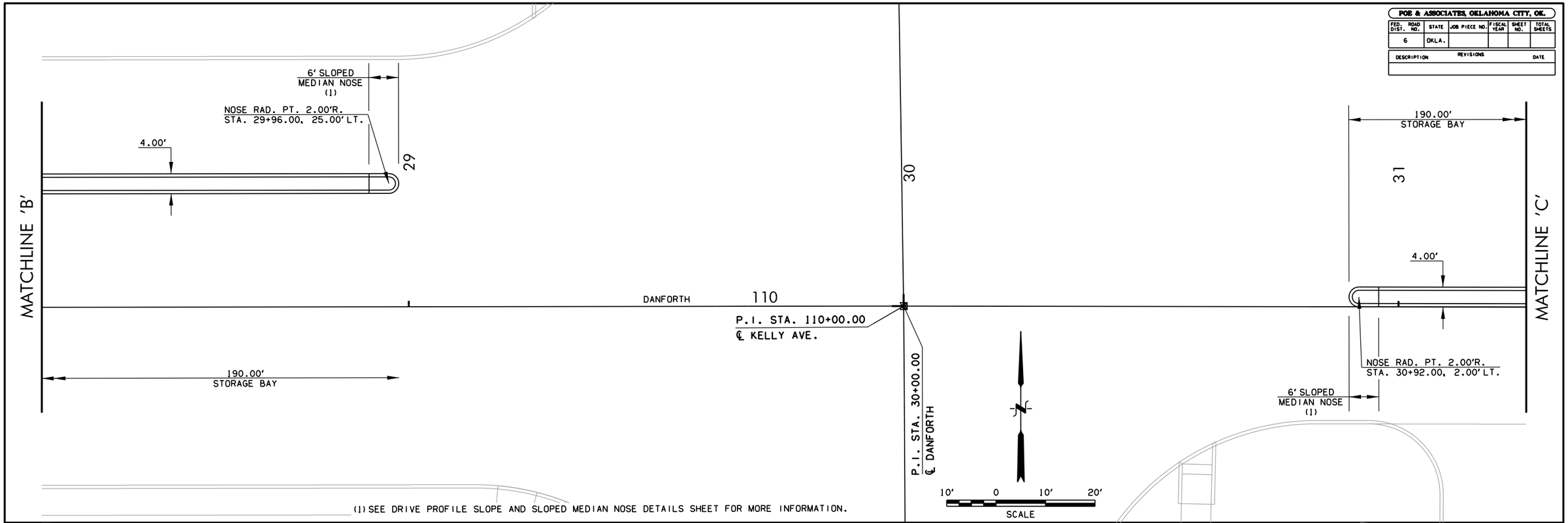
OKLAHOMA COUNTY

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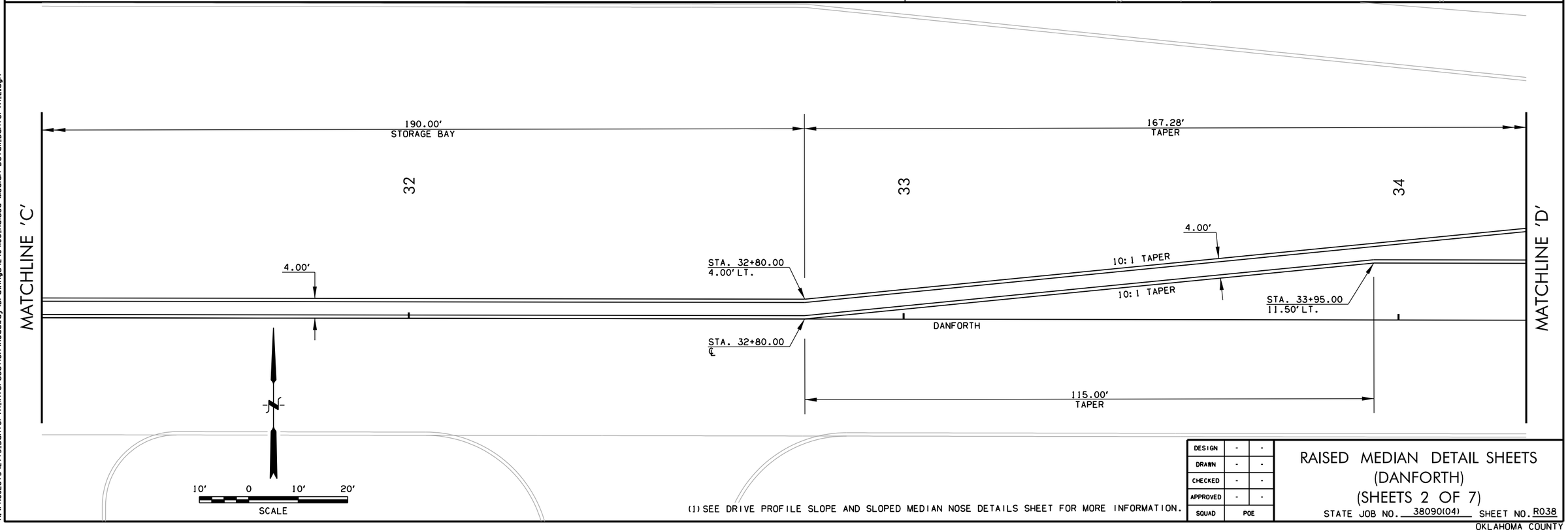
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.



(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.

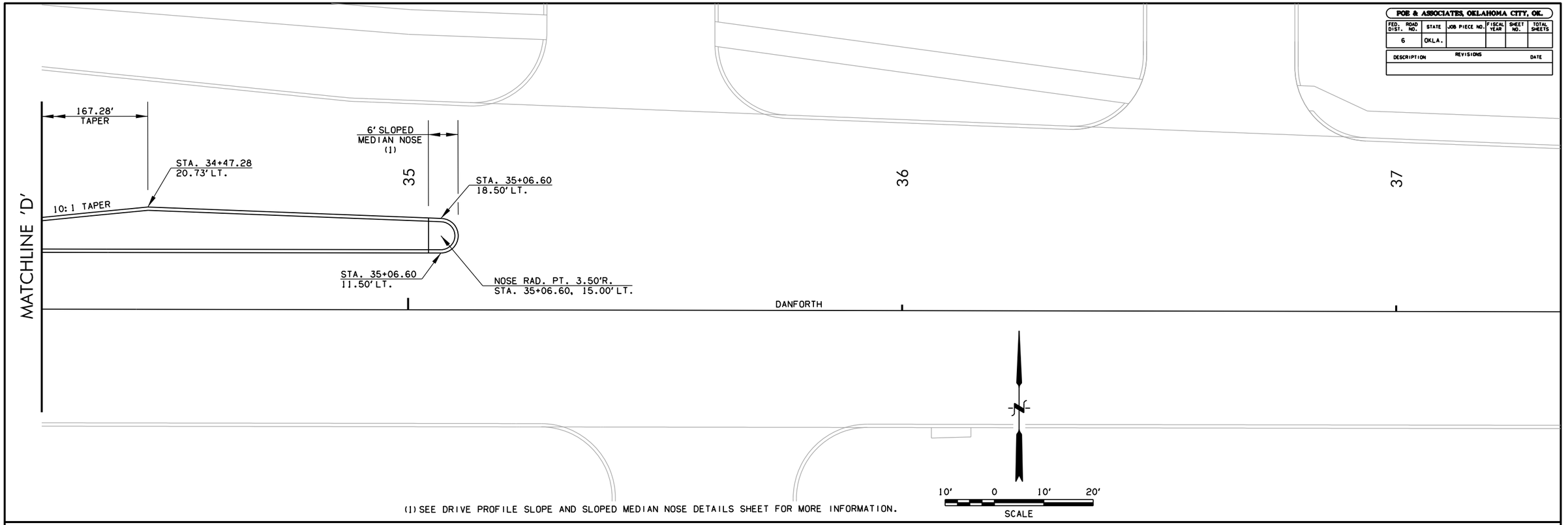
DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

RAISED MEDIAN DETAIL SHEETS (DANFORTH) (SHEETS 2 OF 7)

STATE JOB NO. 38090(04) SHEET NO. R038

OKLAHOMA COUNTY

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(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

RAISED MEDIAN DETAIL SHEETS (DANFORTH) (SHEETS 3 OF 7)

STATE JOB NO. 38090(04) SHEET NO. R039

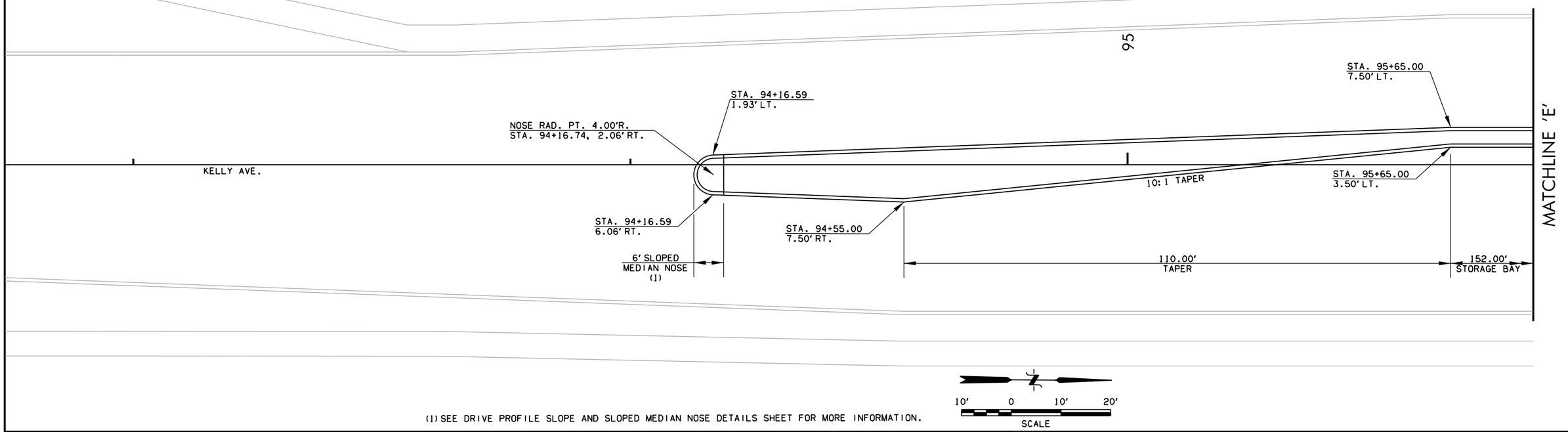
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

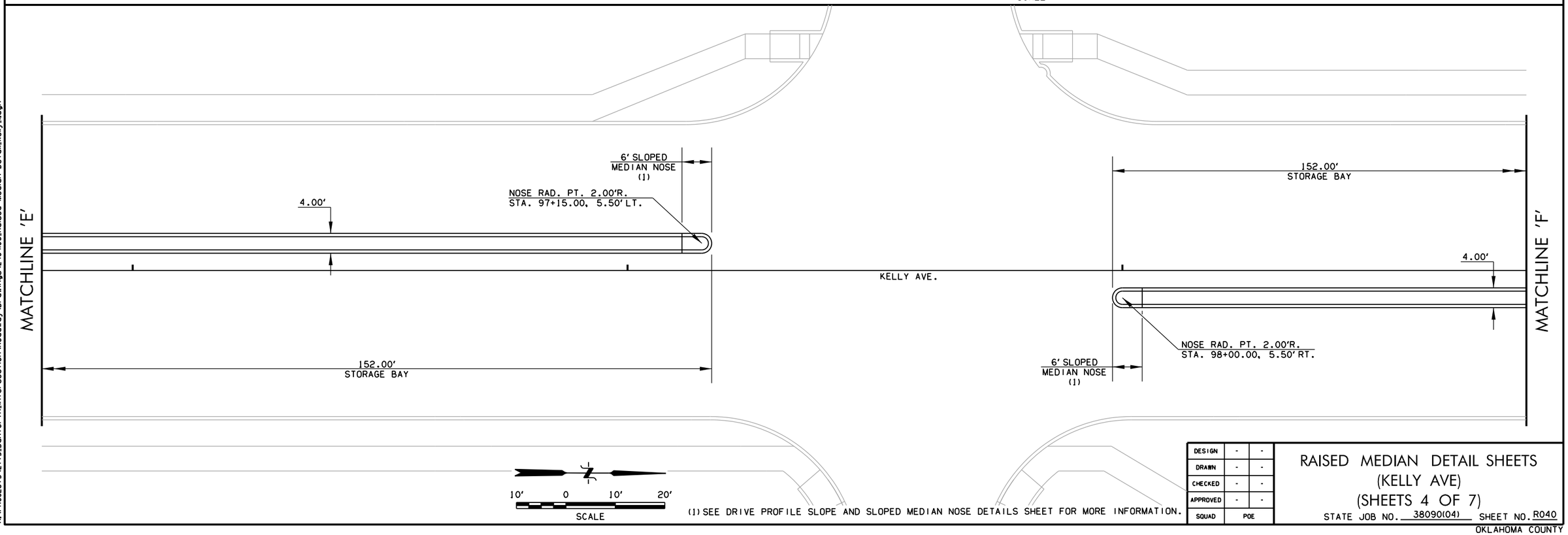
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



10' 0 10' 20'
SCALE

(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.



10' 0 10' 20'
SCALE

(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

RAISED MEDIAN DETAIL SHEETS (KELLY AVE) (SHEETS 4 OF 7)

STATE JOB NO. 38090(04) SHEET NO. R040

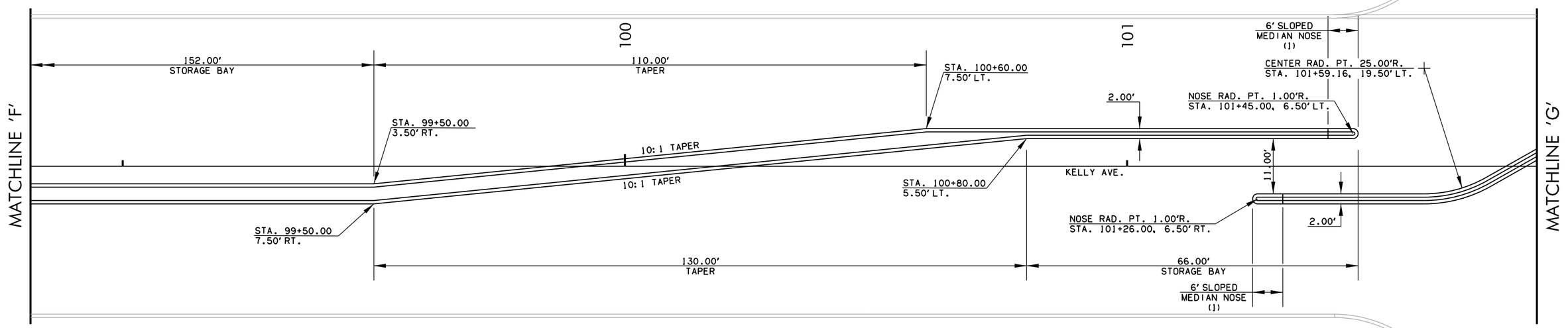
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

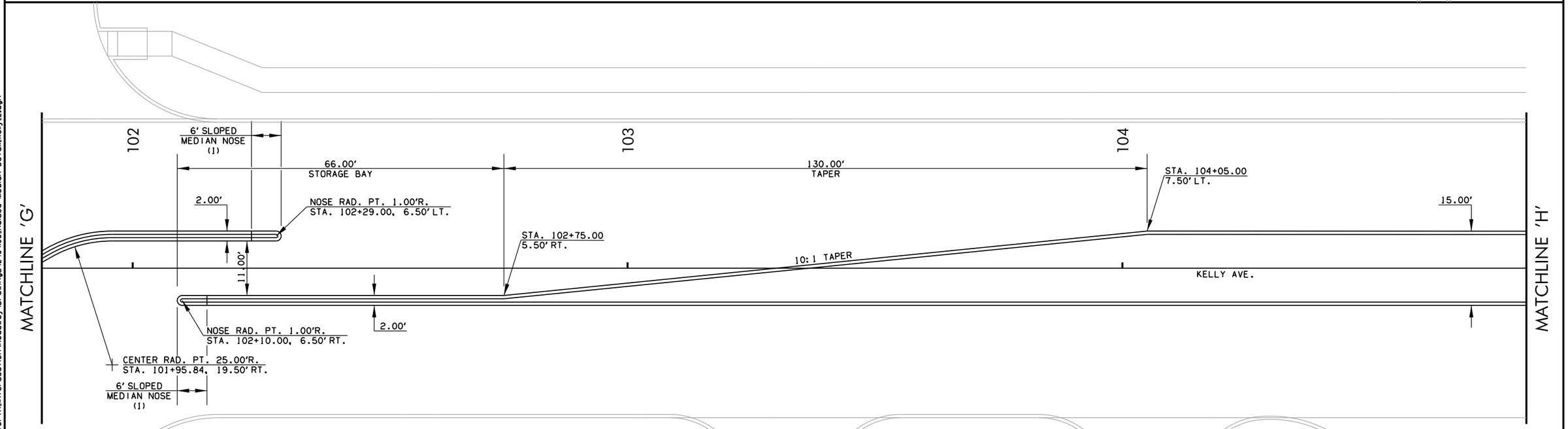
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS		
DESCRIPTION		DATE



(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.

10' 0 10' 20'
SCALE



10' 0 10' 20'
SCALE

(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

RAISED MEDIAN DETAIL SHEETS (KELLY AVE) (SHEETS 5 OF 7)

STATE JOB NO. 38090(04) SHEET NO. R041

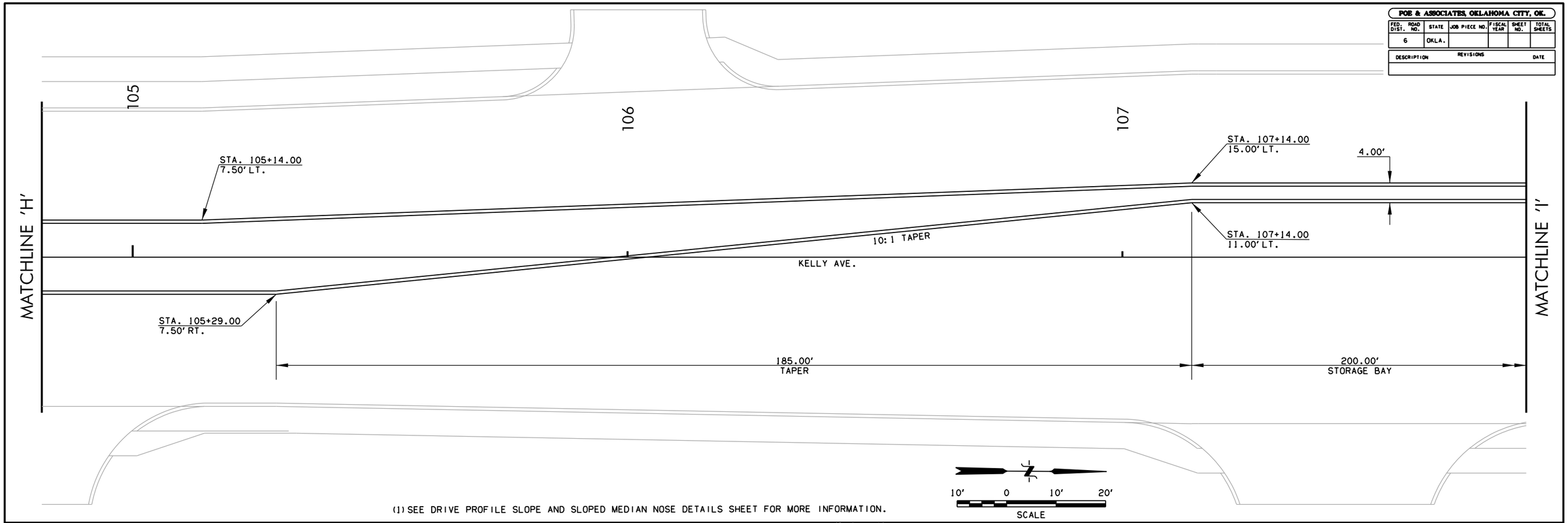
OKLAHOMA COUNTY

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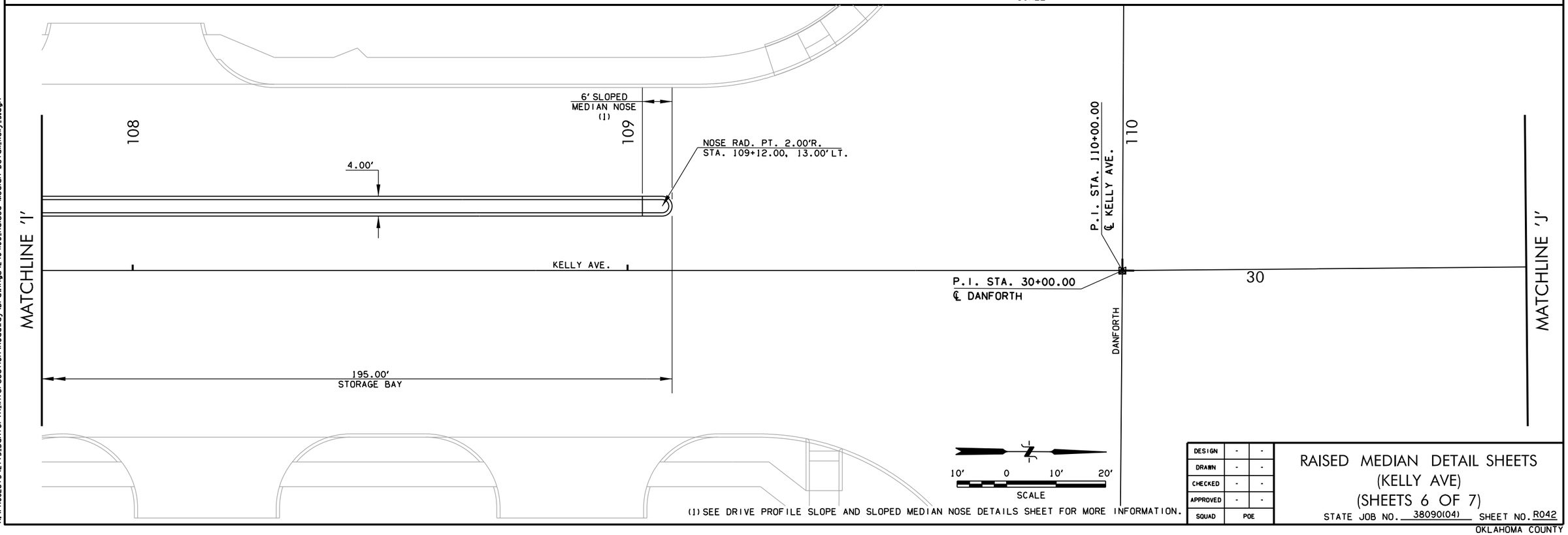
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.



(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

RAISED MEDIAN DETAIL SHEETS (KELLY AVE) (SHEETS 6 OF 7)

STATE JOB NO. 38090(04) SHEET NO. R042

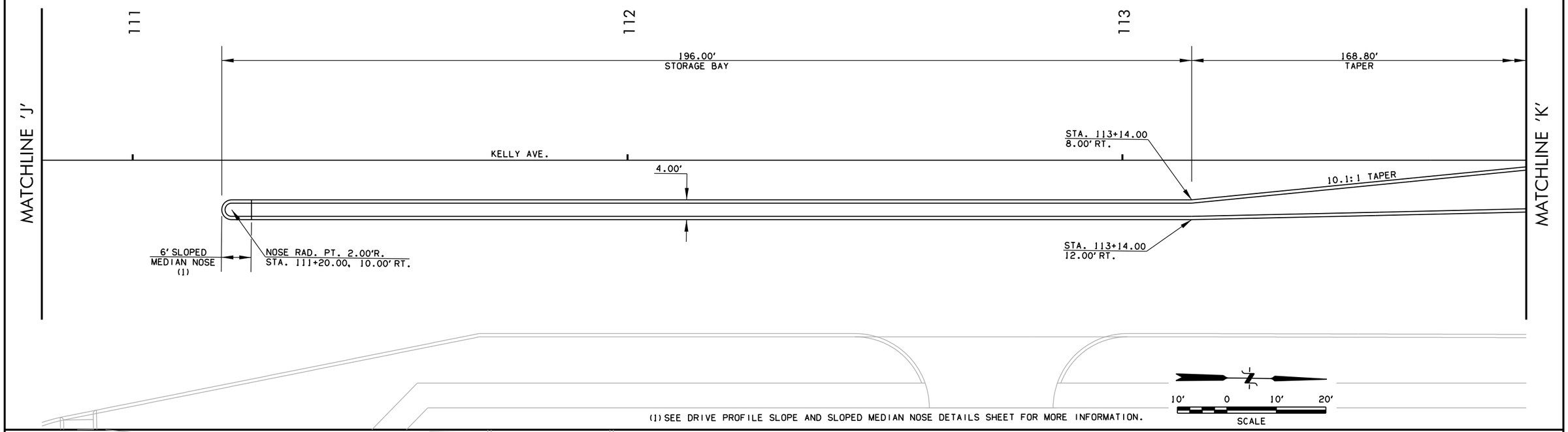
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

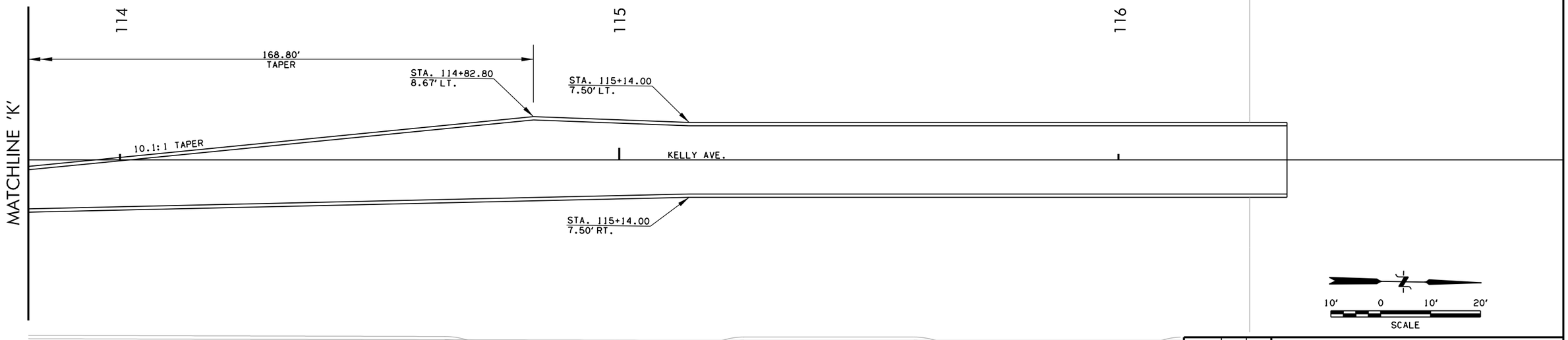
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.

10' 0 10' 20'
SCALE



(1) SEE DRIVE PROFILE SLOPE AND SLOPED MEDIAN NOSE DETAILS SHEET FOR MORE INFORMATION.

10' 0 10' 20'
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

RAISED MEDIAN DETAIL SHEETS
(KELLY AVE)
(SHEETS 7 OF 7)

STATE JOB NO. 38090(04) SHEET NO. R043

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

111+15.00

R=50.00'
L=78.32'

111

10' TYP.

℄ KELLY AVE.

R=30.00'
L=41.11'

PAVEMENT ROTATION
-2.0% TO -0.5%

MAINTAIN SLOPE
-0.5%

PAVEMENT ROTATION
-0.5% TO -2.0%

-0.5%

29

30

31

-2.0%
+47.00

MAINTAIN SLOPE
-0.4%

P.I. STA. 30+00.00
℄ DANFORTH

MAINTAIN SLOPE
0.4%

℄ DANFORTH

110

P.I. STA. 110+00.00
℄ KELLY AVE.

PAVEMENT ROTATION
-2.0% TO -0.4%

PAVEMENT ROTATION
0.4% TO -2.0%

-0.4%

0.4%

111+15.00

R=50.00'
L=77.56'

R=50.00'
L=78.03'

10' TYP.

SCALE
10' 0 10' 20'

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SPOT ELEVATION DETAIL SHEET

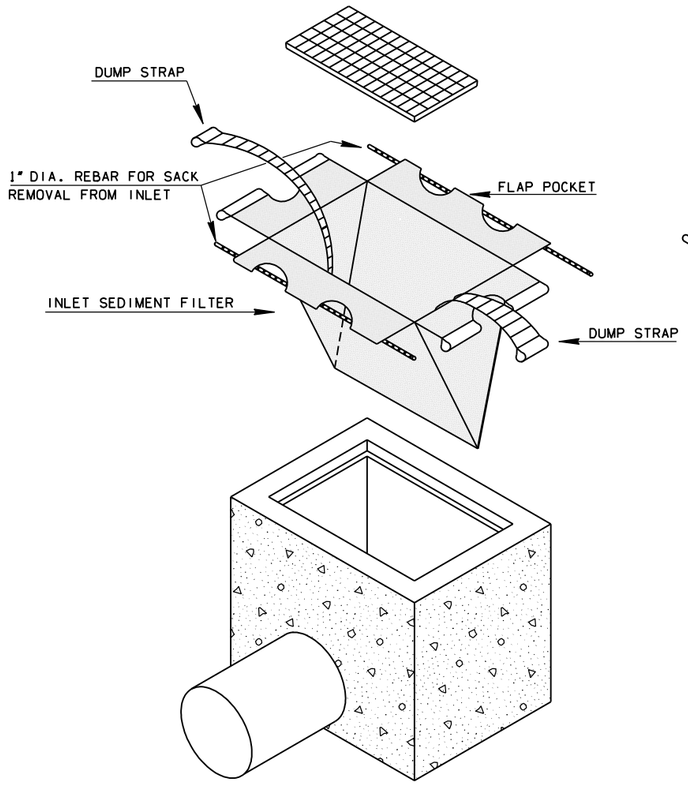
STATE JOB NO. 38090(04) SHEET NO. R044

OKLAHOMA COUNTY

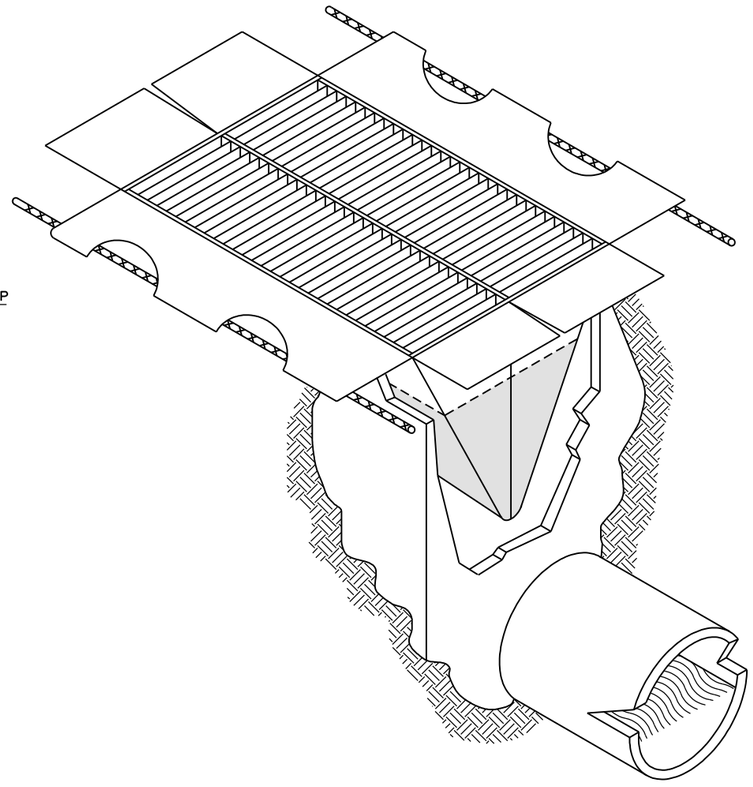
4/4/2025 4:19:11 PM
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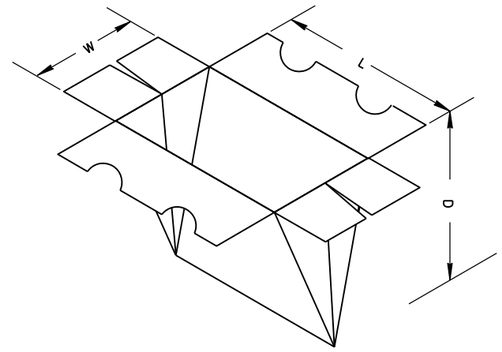
POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



INSTALLATION DETAIL





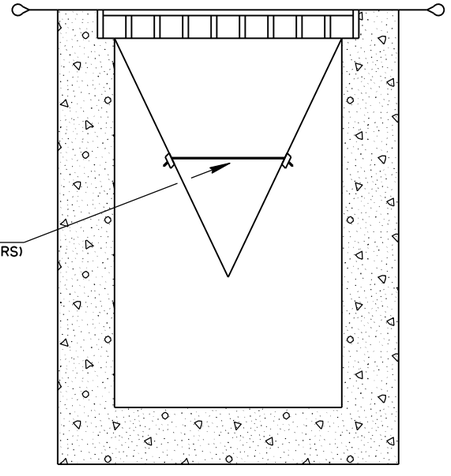
GENERAL NOTES

AN INLET SEDIMENT FILTER IS A WOVEN, POLYPROPLENE SACK PLACED INTO UNDERGROUND DRAINS DESIGNED TO TRAP SEDIMENT BEFORE IT ENTERS THE DRAINAGE SYSTEM. THE FILTER HAS FLAP POCKETS ALONG THE TOP EDGES AND DUMP STRAPS ATTACHED TO THE BOTTOM THAT REMAIN ABOVE THE GROUND AND ARE HELD IN PLACE BY THE GRATE. THE FILTER MUST NEVER BE ALLOWED TO BE OVER HALF FULL OF SEDIMENT OR THE DRAINAGE SYSTEM COULD BE POLLUTED, NOT FUNCTION AT ALL OR MAKE IT VERY DIFFICULT TO REMOVE. CONSEQUENTLY, REGULAR MAINTENANCE IS MANDATORY.

WHEN IT IS DETERMINED THAT THE FILTER NEEDS TO BE CLEANED, TWO PIECES OF 1" REBAR ARE INSERTED THROUGH THE FLAP POCKETS. THE GRATE IS REMOVED AND THE LIFTING BARS ARE ATTACHED TO AVAILABLE EQUIPMENT AND THE SEDIMENT FILTER IS REMOVED TO A DUMPING AREA. ONCE THE INLET SEDIMENT FILTER IS ON THE GROUND, REMOVE THE REMOVE THE LIFTING ARS FROM THE FLAT POCKETS AND INSET THE LIFTING BARS THROUGH THE DUMP STRAPS. LIFT THE FILTER OFF THE GROUND BY THE DUMP STRAPS AND THE FILTER WILL TURN INSIDE OUT AND BE EMPTIED. IT MAY THEN BE RINSED AND REUSED OR DISPOSED OF AND REPLACED WITH A NEW INLET SEDIMENT FILTER.

THE GEOTEXTILE FABRIC SHALL BE WOVEN WITH THE FOLLOWING PROPERTIES:

PROPERTY	TEST METHOD	TEST RESULT
GRAB TENSILE	ASTM D-4632	300 lb (Min.)
GRAB ELONGATION	ASTM D-4632	20% (Max.)
PUNCTURE	ASTM D-4833	120 lb (Min.)
MULLEN BURST	ASTM D-3786	800 psi (Min.)
TRAPEZOID TEAR	ASTM D-4533	120 lb (Min.)
UV RESISTANCE	ASTM D-4355	70% @ 150hrs. (Min.)
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE (Max.)
FLOW RATE	ASTM D-4491	40 Gal./min./sq.ft. (Max.)
PERMITTIVITY	ASTM D-4491	0.55 $sec.^{-1}$ (Max.)



SIDE VIEW

SYMBOLOGY

SYMBOL TO BE USED TO DENOTE DEVICE ON PLANS

ISF

BASIS OF PAYMENT

ITEM NO.	ITEM	UNIT
221(H)	(PL) TEMPORARY INLET SEDIMENT FILTER	EACH

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TEMPORARY INLET SEDIMENT FILTER

STATE JOB NO. 38090(04) SHEET NO. R045

OKLAHOMA COUNTY

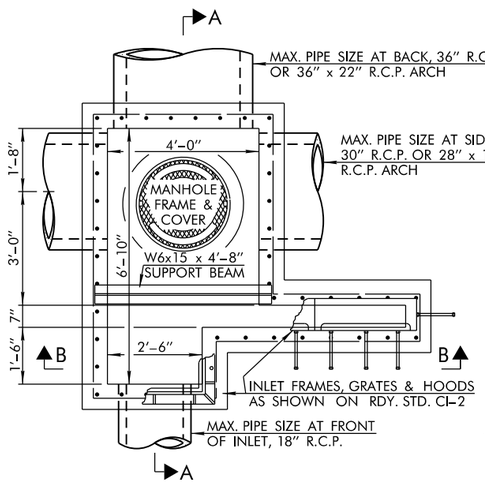
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

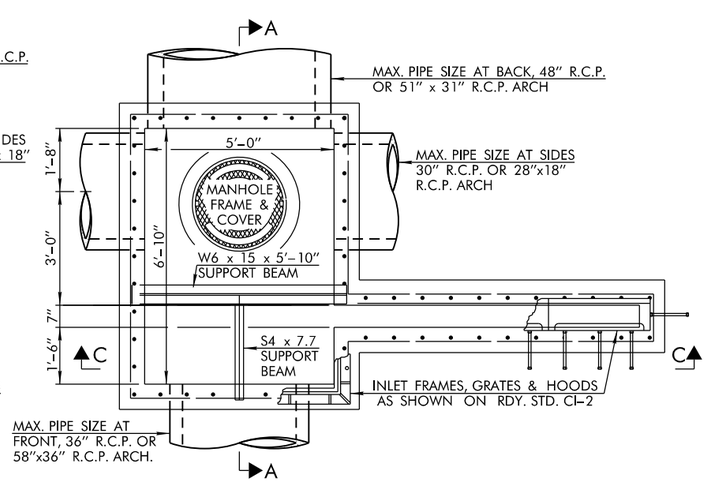
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

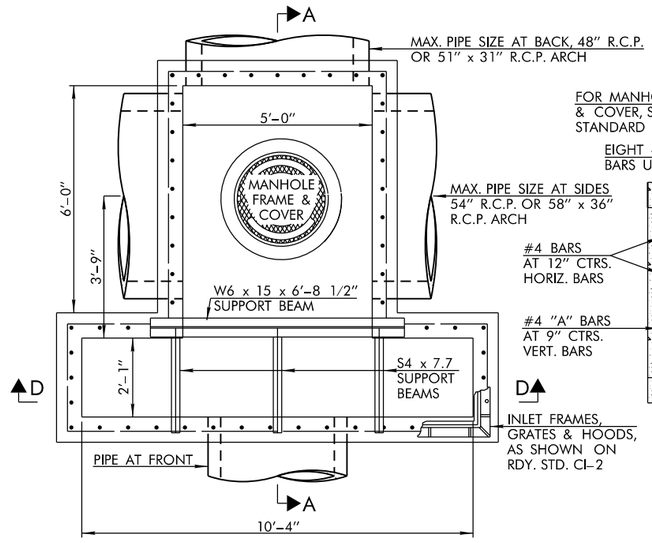
DESCRIPTION	DATE



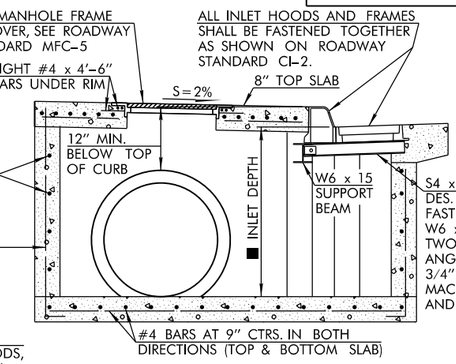
PLAN – DESIGN 1 W/SMALL JCT. BOX
(DESIGN 1B SHOWN)



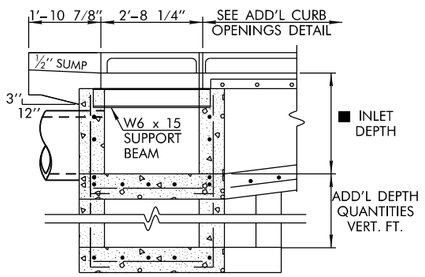
PLAN – DESIGN 2 W/SMALL JCT. BOX
(DESIGN 2C SHOWN)



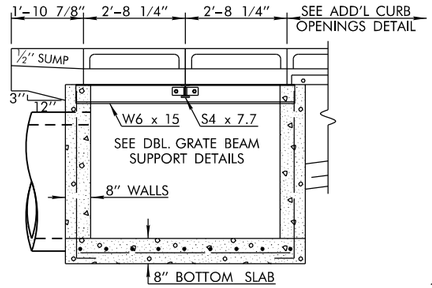
PLAN – DESIGN 3 W/LARGE JCT. BOX
(DESIGN 3 SHOWN)
(MULTIPLE DOUBLE GRATING)



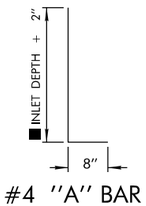
SECTION A–A



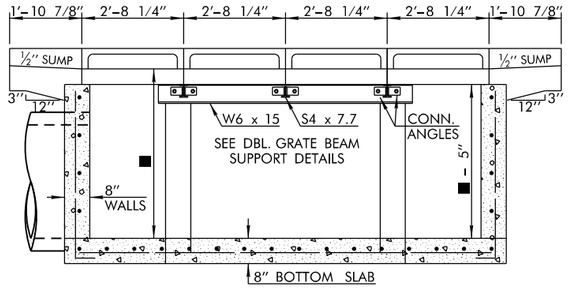
SECTION B–B



SECTION C–C



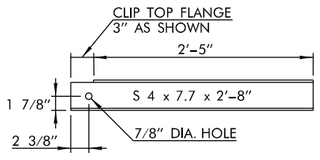
#4 "A" BAR
(VERTICAL BARS)



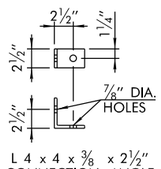
SECTION D–D

GENERAL NOTES

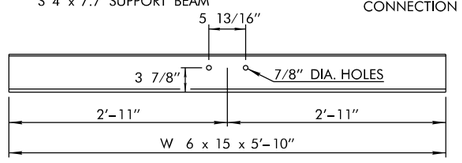
1. ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 2019 ODOT STANDARD SPECIFICATIONS.
2. WHEN THE INLET IS BUILT IN NEW CONCRETE PAVEMENT, THE APRON AROUND THE INLET MAY BE BUILT INTEGRAL WITH PAVEMENT, OR MAY BE SEPARATE AND OF THE SIZE AS SHOWN. THE THICKNESS SHALL BE THE SAME AS THE CONCRETE PAVEMENT OR CURB AND GUTTER. IF CONSTRUCTED IN ANY OTHER AREA OR IN EXISTING PAVEMENT, THE APRON AROUND THE INLET SHALL BE BUILT OF P.C. CONCRETE TO A MINIMUM 8 INCH THICKNESS.
3. THERE WILL BE NO DEDUCTION OF PAYMENT FOR CONCRETE CURB AND GUTTER OR P.C. CONCRETE THROUGH THE EXTENTS OF THE CAST IRON CURB HOODS. DEDUCTION WILL BE MADE FOR PAYMENT ON INTEGRAL CURB THROUGH THE EXTENTS OF THE CAST IRON CURB HOODS.
4. STANDARD SSIF-5 FRAMES AND STANDARD CIG-4 GRATES TO BE USED WITH THESE INLETS UNLESS OTHERWISE SPECIFIED. COST OF THESE ITEMS AND HOODS SHALL BE INCLUDED IN THE COST OF INLET.
5. TYPE B & C FRAMES TO BE USED FOR MULTIPLE DOUBLE GRATES. SEE ROADWAY STANDARD SSIF-5 FOR DETAILS.
6. CASTINGS AS SHOWN HERE SHALL BE CAST STEEL, DUCTILE IRON OR GRAY IRON CONFORMING TO SECTION 725 OF THE SPECIFICATIONS.
7. VARIOUS DETAILS NOT SHOWN ON THIS SHEET, SHALL BE CONSTRUCTED AS SHOWN ON ROADWAY STANDARD CI-2, INCLUDING THE SUMP IN THE ROADWAY PAVING APRON, THE CONNECTION OF CAST IRON HOODS TO ANGLE IRON, AND THE CONNECTION OF CAST IRON HOODS TO THE INLET FRAMES.
8. PRICE BID FOR INLET W/JUNCTION BOX, SHALL INCLUDE ALL COST OF MATERIALS AND LABOR ASSOCIATED WITH UNCLASSIFIED EXCAVATION, STRUCTURAL EXCAVATION, CLASS A CONCRETE, REINFORCING STEEL, MANHOLE FRAME & COVER, INLET FRAMES & GRATES, CURB HOODS, CONNECTION ANGLES, CONNECTION BOLTS AND SUPPORT BEAMS.



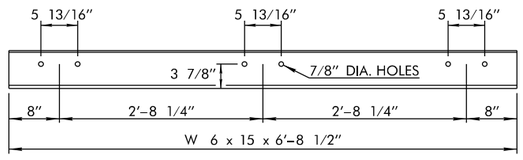
S 4 x 7.7 SUPPORT BEAM



L 4 x 4 x 3/8 x 2 1/2"
CONNECTION ANGLE



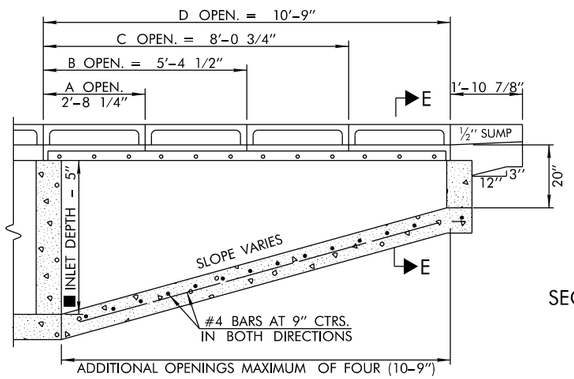
W 6 x 15 SUPPORT BEAM FOR DES. 2 DOUBLE GRATE



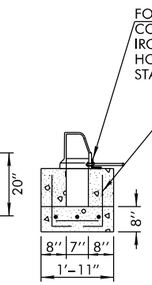
W 6 x 15 SUPPORT BEAM FOR DES. 3 DOUBLE GRATE

DOUBLE GRATE SUPPORT BEAM DETAILS

NOTE: S 4 x 7.7 SUPPORT BEAM(S) SHALL BE CONNECTED TO DOUBLE GRATE SUPPORT BEAMS USING CONNECTION ANGLES & 3/4" x 2" MACHINE BOLTS & NUTS AS REQUIRED.



ADDITIONAL CURB OPENINGS



SECTION E–E

■ STANDARD INLET DEPTH	
INLET W/SMALL JUNCTION BOX	2'-8" FOR 18" R.C.P. & 28½" x 18" REINF. CONC. ARCH PIPE 3'-2" FOR 24" R.C.P. & 36¼" x 22½" REINF. CONC. ARCH PIPE 3'-8" FOR 30" R.C.P. & 43¾" x 26⅝" REINF. CONC. ARCH PIPE 4'-2" FOR 36" R.C.P. & 58½" x 36" REINF. CONC. ARCH PIPE
W/LARGE JUNC. BOX	4'-8" FOR 42" R.C.P. 5'-2" FOR 48" R.C.P.

STANDARD DEPTH QUANTITIES

INLET DESIGN	CURB OPEN DESIGNATION	CLASS "A" CONCRETE BASE AMOUNT C.Y.	CLASS "A" CONCRETE ADD'L CY PER VERT. FT. C.Y.	REINFORCING STEEL BASE AMOUNT LBS.	REINFORCING STEEL ADD'L CY PER VERT. FT. LBS.	INLET FRAME & GRATE EACH	CAST IRON HOOD EACH	MH FRAME & COVER EACH
1		2.84	0.60	244.74	37.41	1	1	1
1	A	3.09	0.54	262.54	35.40	1	2	1
1	B	3.45	0.54	284.79	35.40	1	3	1
1	C	3.81	0.54	302.94	35.40	1	4	1
1	D	4.17	0.54	325.35	35.40	1	5	1
2		3.57	0.65	304.06	42.08	2	2	1
2	A	3.76	0.60	325.86	40.80	2	3	1
2	B	4.15	0.60	348.99	40.80	2	4	1
2	C	4.55	0.60	371.81	40.80	2	5	1
2	D	4.94	0.60	391.72	40.80	2	6	1
3		4.99	1.01	566.27	65.46	4	4	1
3	A	5.47	1.01	591.13	64.01	4	5	1
3	B	5.96	1.01	617.42	64.01	4	6	1
3	C	6.45	1.01	643.30	64.01	4	7	1
3	D	6.95	1.01	665.86	64.01	4	8	1

BASIS OF PAYMENT

ITEM NO.	ITEM	UNIT
611 (G)	INLET W/SMALL JUNCTION BOX (◹)	EA.
611 (G)	INLET W/LARGE JUNCTION BOX (◹)	EA.
611 (H)	ADD'L DEPTH IN INLET W/SML. JUNCT. BOX (◪)	V.F.
611 (H)	ADD'L DEPTH IN INLET W/LRG. JUNCT. BOX (◪)	V.F.

◹ INLET DESIGN AND CURB DESIGNATION SHALL BE SPECIFIED. I.E. DESIGN 1(B) or 2(STD.)

◪ THE INLET DESIGN NO. SHALL BE SPECIFIED, I.E. DESIGN 1, 2 OR 3.

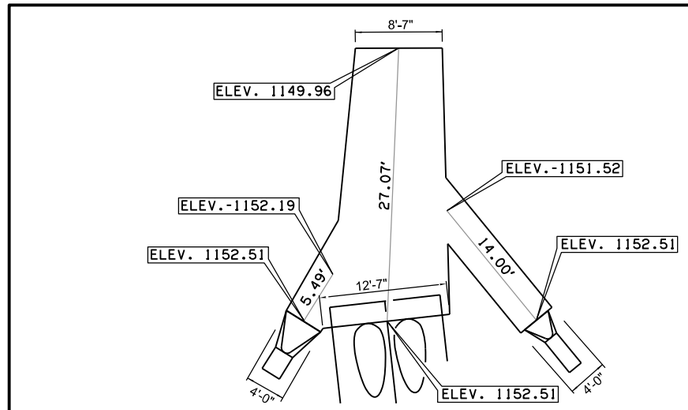
DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

DETAIL OF CURB INLET WITH JUNCTION BOX

STATE JOB NO. 38090(04) SHEET NO. R046

OKLAHOMA COUNTY

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DETAIL OF CENTERLINE OF CONCRETE DITCH LINER

SEC. 27, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

MEET AND MATCH EXISTING CONCRETE DITCH LINER

PAVED DITCH

+60.02 90.00'

+68.63 90.00'

+58.25 72.98'

+68.93 77.15'

+53.08 64.07'

+69.09 70.61'

+79.38 64.26'

+76.27 61.74'

+69.25 63.63'

+56.46 61.93'

+56.68 62.28'

95

PRES R/W

PRES R/W

90'

50'

K24

K25

K26

K27

TOC/TOS

TOC/TOS

TOC/TOS

TOC/TOS

KELLY AVE.

℄ KELLY AVE. N 0°15' 37.40" W

ELEV.-1155.85

+72.01 72.04'

+76.70 81.60'

PAVED DITCH

ELEV.-1155.86

+82.94 70.86'

+83.21 78.99'

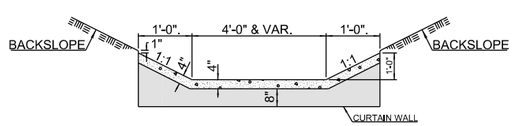
11'-06

3'-0"

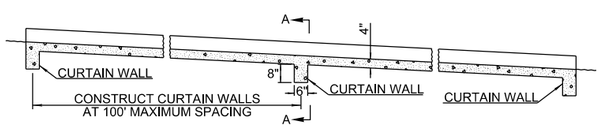
REMOVE EXIST. DITCH LINER

MEET AND MATCH EXISTING CONCRETE DITCH LINER

REMOVE EXIST. DITCH LINER



SECTION A - A



LONGITUDINAL SECTION WITH CURTAIN WALLS

DETAIL OF CONCRETE DITCH LINER

SEC. 26, T–14–N, R–3–W

15' 0 15' 30'

SCALE

KELLY AVE.

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

DETAIL OF DITCH TREATMENT

STATE JOB NO. 38090(04) SHEET NO. R047

OKLAHOMA COUNTY

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POE & ASSOCIATES OKLAHOMA CITY, OKLAHOMA

POINT NAME	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	243306.8551	2118775.8803	1182.59	COGO BM1
2	243299.5537	2119467.2784	1189.41	COGO BM2
3	243429.6950	2117565.0137	1176.38	COGO BM3
4	243315.8024	2116855.8785	1172.16	COGO BM4
5	242866.9808	2118249.2790	1177.40	COGO BM5
6	242104.8073	2118254.9622	1163.84	COGO BM6
11	243358.8717	2118197.0579	0.00	COGO SEC. COR.
18	246002.6392	2118161.2291	0.00	COGO 1/4 SEC. COR.
19	243360.1317	2115521.7722	0.00	COGO 1/4 SEC. COR.
20	243349.4792	2120843.4675	0.00	COGO 1/4 SEC. COR.
27	240713.6798	2118209.0794	0.00	COGO 1/4 SEC. COR.
7600	243689.4844	2116856.0402	0.00	COGO
7601	243689.3340	2117190.1745	0.00	COGO
7602	243701.2633	2117190.0425	0.00	COGO
7603	243701.1742	2117524.2660	0.00	COGO
7604	243409.4991	2116858.9037	0.00	COGO
7605	243409.3466	2117193.2719	0.00	COGO
7606	243409.3350	2117218.7408	0.00	COGO
7607	243409.3259	2117238.7421	0.00	COGO
7608	243409.1942	2117527.5034	0.00	COGO
7609	243409.1054	2117722.2765	0.00	COGO
7610	243409.0939	2117747.5627	0.00	COGO
7611	243439.1115	2117747.4996	0.00	COGO
7612	243439.0691	2117859.9477	0.00	COGO
7613	243438.9780	2118101.4112	0.00	COGO
7614	243439.1212	2117721.9694	0.00	COGO
7615	243463.4543	2118125.6342	0.00	COGO
7616	243537.5675	2118124.6298	0.00	COGO
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7618	243830.3354	2118120.6621	0.00	COGO
7619	243853.3333	2118120.3505	0.00	COGO
7620	244185.7648	2118115.8453	0.00	COGO
7621	244185.7743	2118095.8433	0.00	COGO
7622	244680.5727	2118089.1377	0.00	COGO
7623	243447.1928	2117747.4826	0.00	COGO
7624	243447.1399	2117859.9351	0.00	COGO
7625	243447.0880	2117970.1143	0.00	COGO
7626	243462.0879	2117970.0827	0.00	COGO
7627	243679.8427	2117746.9931	0.00	COGO
7628	243462.1928	2117747.4510	0.00	COGO
7629	243447.1300	2117880.9743	0.00	COGO
7630	243462.1299	2117880.9427	0.00	COGO
7631	243538.1698	2117880.7827	0.00	COGO
7632	243679.8338	2117747.7364	0.00	COGO
7633	243678.6628	2117845.6398	0.00	COGO
7634	243661.1352	2117880.5240	0.00	COGO
7635	243661.5386	2118002.6833	0.00	COGO
7636	243676.3723	2118029.4818	0.00	COGO
7637	243680.4085	2118045.0264	0.00	COGO
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7639	243829.7526	2117759.9083	0.00	COGO
7640	243852.9676	2117894.0312	0.00	COGO
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7647	243309.1576	2117592.3188	0.00	COGO
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7650	243283.9314	2118147.4274	0.00	COGO
7651	243128.8630	2118148.1322	0.00	COGO
7652	242958.8999	2118148.8751	0.00	COGO
7653	242958.9079	2118165.8753	0.00	COGO
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7657	242036.5658	2118113.0664	0.00	COGO
7658	242320.5923	2118111.6649	0.00	COGO
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7660	242751.3015	2118109.7075	0.00	COGO
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7664	242958.8034	2117943.8152	0.00	COGO
7665	242958.7704	2117873.8752	0.00	COGO
7666	242751.1909	2117874.8186	0.00	COGO
7667	242530.9913	2117875.8193	0.00	COGO
7668	242320.4817	2117876.7760	0.00	COGO
7669	242036.3870	2117878.0671	0.00	COGO
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7671	243040.8216	2116861.8122	0.00	COGO
7672	243289.5025	2116859.9416	0.00	COGO
7673	243289.3917	2117095.1749	0.00	COGO
7674	243289.2980	2117294.2149	0.00	COGO
7675	243289.1727	2117560.2149	0.00	COGO
7676	243289.1082	2117697.1348	0.00	COGO
7677	243279.1082	2117697.1301	0.00	COGO
7678	243279.0539	2117812.4501	0.00	COGO
7679	243278.9950	2117937.5063	0.00	COGO
7680	243128.9973	2117938.2437	0.00	COGO
7681	243128.9950	2117943.2437	0.00	COGO
7682	243129.0435	2117812.3645	0.00	COGO
7683	243079.0435	2117812.3409	0.00	COGO
7684	243079.1623	2117560.1010	0.00	COGO
7685	243079.2876	2117294.1010	0.00	COGO
7686	243079.3042	2117258.9010	0.00	COGO
7687	243040.6345	2117259.0769	0.00	COGO
7688	243040.7117	2117095.0469	0.00	COGO
7689	241817.1293	2118254.0651	0.00	COGO
7690	241997.1275	2118253.2471	0.00	COGO
7691	242673.0288	2118250.1754	0.00	COGO
7692	242783.0318	2118249.6754	0.00	COGO
7693	243143.6965	2118248.0363	0.00	COGO
7694	243283.6951	2118247.4000	0.00	COGO
7695	243308.6029	2118272.7155	0.00	COGO
7696	243308.1600	2118397.4967	0.00	COGO
7697	243306.9352	2118742.6089	0.00	COGO
7698	243305.3431	2119191.2021	0.00	COGO
7699	243304.9712	2119295.9738	0.00	COGO
7700	243304.6074	2119398.4732	0.00	COGO
7701	243304.3959	2119458.0819	0.00	COGO
7702	243302.3895	2120023.4726	0.00	COGO
7703	243137.3895	2120023.4726	0.00	COGO
7704	243138.2413	2119783.4741	0.00	COGO
7705	242956.3744	2119453.7791	0.00	COGO
7706	243054.6101	2119397.3369	0.00	COGO
7707	243054.9738	2119294.8376	0.00	COGO
7708	243055.3376	2119192.3382	0.00	COGO
7709	242773.0747	2119198.2442	0.00	COGO
7710	242631.3882	2119052.1159	0.00	COGO
7711	242516.6466	2118985.6110	0.00	COGO
7712	242603.7888	2118851.4237	0.00	COGO
7713	242637.7369	2118715.7979	0.00	COGO
7714	243076.3039	2118714.1605	0.00	COGO
7715	243076.2067	2118741.5603	0.00	COGO
7716	243143.1634	2118398.2466	0.00	COGO
7717	243142.9867	2118448.0351	0.00	COGO
7718	243084.4073	2118448.3013	0.00	COGO
7719	243084.0884	2118526.6206	0.00	COGO
7720	242954.0797	2118527.2115	0.00	COGO
7721	242954.1612	2118507.2116	0.00	COGO
7722	242781.9798	2118507.9941	0.00	COGO
7723	242782.2174	2118449.6737	0.00	COGO
7724	242672.2144	2118450.1737	0.00	COGO
7725	242671.6850	2118580.1720	0.00	COGO
7726	242151.1624	2118748.2628	0.00	COGO
7727	242033.8058	2118517.0737	0.00	COGO
7728	241996.7065	2118356.6168	0.00	COGO
7729	241813.2925	2118528.8474	0.00	COGO
7730	243399.4815	2120842.9823	0.00	COGO
7731	243406.3901	2118896.3754	0.00	COGO
7732	243406.4433	2118881.3661	0.00	COGO
7733	243406.4788	2118871.3647	0.00	COGO
7734	243406.5676	2118846.3612	0.00	COGO
7735	243406.8871	2118756.3240	0.00	COGO
7736	243406.9758	2118731.3388	0.00	COGO
7737	243407.7032	2118526.3887	0.00	COGO
7738	243408.6082	2118271.4098	0.00	COGO
7739	243433.6824	2118246.0487	0.00	COGO
7740	243621.3836	2118243.5049	0.00	COGO
7741	243646.3931	2118243.1660	0.00	COGO
7742	243843.6784	2118240.4923	0.00	COGO
7743	243848.6471	2118240.4250	0.00	COGO
7744	243868.6571	2118240.1538	0.00	COGO
7745	243868.6039	2118255.1533	0.00	COGO
7746	243868.5861	2118260.1566	0.00	COGO
7747	244144.5447	2118256.4167	0.00	COGO
7748	244167.3463	2118256.1077	0.00	COGO
7749	244481.9308	2118251.8444	0.00	COGO
7750	244484.4193	2118426.8267	0.00	COGO
7751	244484.7212	2118448.0543	0.00	COGO
7752	244548.6038	2118597.6338	0.00	COGO
7753	244500.1590	2118782.0364	0.00	COGO
7754	244600.1953	2118962.4136	0.00	COGO
7755	244471.7462	2119140.6150	0.00	COGO
7756	244139.2855	2118886.4435	0.00	COGO
7757	244256.2848	2118884.8591	0.00	COGO
7758	244257.2431	2118614.8608	0.00	COGO
7759	244146.0346	2118396.4085	0.00	COGO
7760	244170.5581	2118431.0802	0.00	COGO
7761	243866.5277	2118840.1261	0.00	COGO
7762	243846.5438	2118840.3970	0.00	COGO
7763	243846.4561	2118865.4005	0.00	COGO
7764	243846.4210	2118875.4019	0.00	COGO
7765	243866.3502	2118890.1436	0.00	COGO
7766	243846.3685	2118890.4137	0.00	COGO
7767	243421.4188	2118896.1719	0.00	COGO
7768	243421.4718	2118881.1624	0.00	COGO
7769	243421.5071	2118871.1610	0.00	COGO
7770	243421.5953	2118846.1576	0.00	COGO
7771	243421.9132	2118756.1213	0.00	COGO
7772	243422.0014	2118731.1353	0.00	COGO
7773	243422.7250	2118526.1872	0.00	COGO
7774	243423.6605	2118261.1911	0.00	COGO
7775	243621.5878	2118258.5053	0.00	COGO
7776	243646.5967	2118258.1660	0.00	COGO
7777	243843.6256	2118255.4924	0.00	COGO
7778	243848.5947	2118255.4249	0.00	COGO
7779	243457.7300	2118525.7172	0.00	COGO
7780	243456.9987	2118730.6609	0.00	COGO
7781	243456.9096	2118755.6487	0.00	COGO
7782	243456.5883	2118845.6835	0.00	COGO
7783	243653.3068	2118752.9967	0.00	COGO
7784	243627.9758	2118728.3437	0.00	COGO
7785	243359.3442	2117193.8250	0.00	COGO
7786	243359.1868	2117528.0580	0.00	COGO
7787	243419.3445	2117193.1613	0.00	COGO
7788	243419.2379	2117419.5513	0.00	COGO
7789	243439.1700	2117527.1711	0.00	COGO
7790	243392.3444	2117193.4600	0.00	COGO
7791	243402.3444	2117193.3493	0.00	COGO
7792	243392.1870	2117527.6921	0.00	COGO
7793	243402.1870	2117527.5812	0.00	COGO
7794	243408.8956	2118146.3754	0.00	COGO
7795	243391.8875	2118163.6074	0.00	COGO
7796	244185.7554	2118135.8473	0.00	COGO
7797	244185.7474	2118152.8489	0.00	COGO
7798	243519.1633	2118244.8902	0.00	COGO
7799	243463.5297	2118303.4964	0.00	COGO
7800	243462.8409	2118498.1051	0.00	COGO
7801	243436.6894	2118830.6585	0.00	COGO
7802	243436.4595	2118895.9681	0.00	COGO

SDS 01 OF 07

PLS		
DRAWN	TAW	
CHECKED		
APPROVED		
CREW	POE	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SURVEY DATA SHEET

SWO ____-____(1) PROJECT NO. 38090(04) SHEET NO. S001

BENCHMARKS AND CHECK LEVELS

KELLY AVE. & DANFORTH RD. — OKLAHOMA COUNTY

NOTE: LEVEL DATUM FOR THIS SURVEY IS MEAN SEA LEVEL- (NGS), NAVAD 88 - 3RD ORDER OR BETTER - TAKEN FROM

BM NO.	ELEVATION RUN1	ELEVATION RUN2	ELEVATION RUN3	DIFF	RUN1	RUN2	RUN3	MEAN	UNADJUSTED ELEVATION	ADJUSTED ELEVATION	PUBLISHED ELEVATION	DESCRIPTION
#1156 City of Edmond										1177.00	1177.00	City of Edmond monument #1156, NAVD88 elevation. NE corner of Kelly and Danforth intersection. N=243486.1950 E=2118226.0378
BM#1	1182.59				5.59			5.59	1182.59	1182.59		Chiseled 'X' on SSE curb return at entrance to Hobby Lobby. CL DANFORTH RD. STA. 35+79.00 49.96' RT.
TBM1	1186.49				3.90			3.90	1186.49	1186.49		
BM#2	1189.40				2.91			2.91	1189.40	1189.41		Chiseled 'X' on curb at NW corner of church parking lot. CL DANFORTH RD. STA. 42+70.46 54.81' RT.
BM#1	1182.58				-6.82			-6.82	1182.58	1182.59		Chiseled 'X' on SSE curb return at entrance to Hobby Lobby. CL DANFORTH RD. STA. 35+79.00 49.96' RT.
#1156 City of Edmond	1176.99				-5.59			-5.59	1176.99	1177.00	1177.00	City of Edmond monument #1156, NAVD88 elevation. NE corner of Kelly and Danforth intersection. N=243486.1950 E=2118226.0378
#1156 City of Edmond										1177.00	1177.00	City of Edmond monument #1156, NAVD88 elevation. NE corner of Kelly and Danforth intersection. N=243486.1950 E=2118226.0378
TBM2	1176.15				-0.85			-0.85	1176.15	1176.15		
BM#3	1176.38				0.23			0.23	1176.38	1176.38		Chiseled 'X' on east curb at PI on west entrance to EPS administration building. CL DANFORTH RD. STA. 23+67.92 70.53' LT.
BM#4	1172.16				-4.22			-4.22	1172.16	1172.16		Chiseled 'X' on south edge of sidewalk at PI at NE corner of Edmond soccer fields. CL DANFORTH RD. STA. 16+58.84 43.70' RT.
BM#3	1176.38				4.22			4.22	1176.38	1176.38		Chiseled 'X' on east curb at PI on west entrance to EPS administration building. CL DANFORTH RD. STA. 23+67.92 70.53' LT.
TBM3	1176.37				-0.01			-0.01	1176.37	1176.37		
#1156 City of Edmond	1177.00				0.63			0.63	1177.00	1177.00		City of Edmond monument #1156, NAVD88 elevation. NE corner of Kelly and Danforth intersection. N=243486.1950 E=2118226.0378
BM#5	1177.41				0.41			0.41	1177.41	1177.40		Chiseled 'X' on curb PI at SW corner of bank parking lot. CL KELLY AVE. STA. 105+07.88 49.95' RT.
TBM4	1172.30				-5.11			-5.11	1172.30	1172.29		
BM#6	1163.85				-8.45			-8.45	1163.85	1163.84		Chiseled 'X' on ESE curb return at Kelly and Hawthorne Lane. CL KELLY AVE. STA. 97+45.69 52.20' RT.
TBM5	1172.89				9.04			9.04	1172.89	1172.88		
BM#5	1177.41				4.52			4.52	1177.41	1177.40		Chiseled 'X' on curb PI at SW corner of bank parking lot. CL KELLY AVE. STA. 105+07.88 49.95' RT.
#1156 City of Edmond	1177.01				-0.40			-0.40	1177.01	1177.00	1177.00	City of Edmond monument #1156, NAVD88 elevation. NE corner of Kelly and Danforth intersection. N=243486.1950 E=2118226.0378

LAND SURVEYOR'S CERTIFICATION

I hereby certify that all land and property sub-division distances, angles, corners, and monumentation made or used in conjunction with this survey and depicted or recorded herein or hereon were recovered, established or re-established in substantial conformity with:

- Applicable instructions contained in the U.S. Government Bureau of Land Management publication "Manual of Survey Instruction",
- its supplement, "Restoration of Lost or Obliterated Corners and Sub-division of Sections";
- "Oklahoma Minimum Standards for the Practice of Land Surveying" as adopted by the State Board of Licensure for Professional Engineers and Land Surveyors; and
- Sound land surveying practices;

including a thorough search, study, analysis and consideration of all existing records and field evidence.

I further certify that all survey monuments depicted exist and that all land survey work was done by me or under my direct supervision.

DATED THIS _____ DAY OF _____ . 20_

POE & ASSOCIATES INC.
Oklahoma City, Oklahoma

SURVEYOR'S NAME - SIGNATURE _____

SURVEYOR'S NAME - JUSTIN LEE TALCOTT

OKLAHOMA REGISTERED LAND SURVEYOR NO. 1646

CERTIFICATE OF AUTHORIZATION NO. 541

LICENSED PROFESSIONAL LAND SURVEYOR — JUSTIN LEE TALCOTT 1646 — OKLAHOMA

SURVEY CONTROL DATA

1. HORIZONTAL CONTROL:

   A. Horizontal control for this survey is the NGS Oklahoma State Plane Coordinate System of NAD83(1993)Lambert Projection North Zone.

   B. ACCURACY - 3rd Order or better

2. BEARINGS:

   The bearings shown herein or hereon are grid bearings derived from the NGS Oklahoma State Plane Coordinate System and are not Astronomical. The angle of variance between grid north (GN) and the astronomical true north (TN) is depicted diagrammatically.

3. VERTICAL CONTROL:

   A. Level datum is Mean Sea Level (NGS), NAVD88.

   B. ACCURACY - 3rd Order or better

PLS			OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION
DRAWN	TAW		SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO ____-____(1) PROJECT NO. 38090(04) SHEET NO. S002

SDS 02 OF 07

POE & ASSOCIATES OKLAHOMA CITY, OKLAHOMA

SEC 22. T-14-N, R-3-W

P.O.B. STA. 15+00.00 ℄ SURVEY DANFORTH RD.
BEG. SURVEY
X=2,116,697.0581 Y=243,359.5782

988.61'
N00°35'09.46"W

280.00'
N00°35'09.46"W

7600

334.13'
S89°58'27.14"E

7601

7602
N00°38'01.74"W
12.04'

334.37'
PRES R/W

7604

KANG HO C & YOUNG W

25' ROAD ESMT
20' U/E

280.00'
N00°38'01.74"W

7605

25.47'

20'

7606

7607

334.22'
S89°58'22.86"E

7603

978.25'
N00°38'07.00"W

292.04'
N00°38'07.00"W

288.76'
N89°58'25.95"W

7608

707 INVESTMENTS LLC

BM 3

194.77'
PRES R/W

7609

25.53'

7610

INDEPENDENT SCHOOL DISTRICT #12, EDMOND

25

MUTUAL ACCESS AGREEMENT

N0°46'35.16"W
332.93'

7640

EDMOND PUBLIC SCHOOLS 1-12

7619

332.46'

226.32'
N89°54'26.79"E

115

INDEPENDENT SCHOOL DISTRICT #12, EDMOND

360.75'
S89°54'26.79"W

7639

7638

7618

23'

137.39'
S00°07'14.00"E

TINKER CREDIT UNION

149.77'
N00°46'35.16"W

S00°35'09.54"E

7632

97.91'

7633

S89°18'52.98"E

7627

39.04'
S63°19'22.16"E

7634

122.16'
N89°48'38.84"E

7636

N61°02'03.84"E
30.63'

7635

7637

77.67'
N89°52'27.84"E

7617

240.72'
S00°07'14.00"E

122.97'
N00°07'14.02"W

143.02'
N00°46'35.16"W

BANK OF OKLAHOMA

7631

243.85'
S89°51'30.59"E

7616

DANFORTH JR, LLC

76.04'
N00°07'14.02"W

FERRARI, GRATTAN, GRATTAN & GRATTAN

74.12'
PRES R/W

7628

7630

7626

7615

70'

7623

15' U/E

7624

7629

15' U/E

7625

N44°42'07.00"E
34.44'

112.45'

241.46'
S89°58'42.16"E

7611

7612

7613

S00°07'14.00"E
29.74'

17' ROAD ESMT

50'

80'

17' ROAD ESMT

℄ SURVEY DANFORTH RD.
- STA. 30+00.00 ℄ SURVEY KELLY AVE.
FOUND 'X' IN CONC.

N0°46'35.16"W
2644.01'

N-S 309 SEC. LINE
E-W 093 SEC. LINE
X= 2,118,197.0579 Y= 243,358.8717

STA. 15+00.00

STA. 30+00.00

℄ SURVEY DANFORTH RD.

S89°58'22.86"E
2675.29'

110

11

BM 4

7672

235.23'
PRES R/W
S89°58'22.86"E

7673

199.04'
S89°58'22.86"E

7674

266.00'
S89°58'22.86"E

7675

136.92'
S89°58'22.86"E

7676

70'

S00°01'37.00"W
10.00'

115.32'
S89°58'22.86"E

7677

80'

7678

125.06'
S89°58'22.86"E

7679

50'

7648

PRES R/W

184.94'
S89°58'22.86"E

7649

50'

S45°10'26.00"E
35.43'

7650

50'

248.69'
N0°25'51.47"W

COMMERCIAL VACANT LAND

248.68'
S00°01'46.17"W

COMMERCIAL VACANT LAND

210.01'
S00°01'51.82"W

HIBDON TIRES PLUS

210.01'
S00°01'51.82"W

CHICKEN EXPRESS

150.01'
N00°01'57.75"E

COMMERCIAL VACANT LAND

180.00'
S00°16'54.00"E

MCDONALDS

155.07'
S00°15'37.40"E

7682

125.88'
S89°58'44.34"E

7680

S89°58'22.86"E
5.00'

204.89'
S89°57'47.15"E

7651

N00°01'37.00"E
50.00'

7681

7683

7686

7685

N00°15'38.00"W
38.67'

266.00'
S89°58'22.86"E

7684

252.24'
S89°58'22.86"E

7671

233.22'
S89°58'22.86"E

7688

164.03'
S89°58'22.86"E

7687

170.19'
S01°42'01.33"E

FIRST MED

155.07'

PRES R/W

℄ SURVEY KELLY AVE.

1005.23'
N0°25'51.47"W

EDMOND TOWN CENTER
EDMOND 40 LLC

BM 4
CHISELED 'X' ON EAST CURB AT PI ON WEST
ENTRANCE TO EPS ADMINISTRATION BUILDING.
℄ DANFORTH RD. STA. 16+58.84 43.70' LT.
X= 2,116,855.8785 Y= 243,315.8024

BM 3
CHISELED 'X' ON EAST CURB AT PI ON WEST
ENTRANCE TO EPS ADMINISTRATION BUILDING.
℄ DANFORTH RD. STA. 23+67.92 70.53' LT.
X= 2,117,565.0137 Y= 243,429.6950

SEC 27. T-14-N, R-3-W

N

SCALE: 1" = 50'

PLS			OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION
DRAWN	TAW		SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO ____-____(1) PROJECT NO. 38090(04) SHEET NO. S003

SDS 03 OF 07

8-87

POE & ASSOCIATES OKLAHOMA CITY, OKLAHOMA

SEC 23. T-14-N, R-3-W

INDEPENDENT SCHOOL DISTRICT #12, EDMOND

NORTH OAKS CENTER

NORTH OAKS CENTER

WESTBOROUGH ADDITION

7 ELEVEN INC.

GIANOS FAMILY LIMITED PARTNERSHIP

DANFORTH SQUARE JACKSON LAND 11 LLC.

SCHLOTZSKY'S DELI ZBEST EDMOND HOLDINGS LLC

JOHNNIE'S CHARCOAL JOHNNIE'S ENTERPRISES LLC

OAKTREE ASSEMBLY OF GOD

MIDFIRST BANK

℄ STA.30+00.00 ℄ SURVEY DANFORTH RD.
• STA.110+00.00 ℄ SURVEY KELLY AVE.
FOUND 'X' IN CONC.
N-S 309 SEC.LINE
E-W 093 SEC.LINE
X• 2,118,197.0579 Y• 243,358.8717

P.O.E. STA.45+00.00 ℄ SURVEY DANFORTH RD.
END SURVEY
X• 2,119,697.0485 Y• 243,353.5480

℄ SURVEY DANFORTH RD.

℄ SURVEY KELLY AVE.

STA. 30+00.00

STA. 45+00.00

N0°46'35.16"W 2644.01'

389.97' N00°46'35.16"W

579.97' N89°47'47.94"W

50.02'

460.00' N00°46'34.47"W

197.30' N00°46'35.16"W

187.72' N00°46'35.16"W

275.98'

20' U/E

25' FIRE LANE

15' U/E

PRES R/W

35.66' S45°19'35.09"E

194.61 PRES R/W N89°47'49.94"W

333.58 PRES R/W N85°30'12.94"W

50' CITIES SERVICE GAS CO. PIPELINE EASEMENT

N89°47'53.94"W 65.31

90.04'

1946.62' S89°47'47.94"E

S89°47'47.94"E 2646.43'

124.78' PRES R/W 345.11' 448.60' S89°47'47.94"E PRES R/W 565.39' PRES R/W

35.51' N45°27'53.99"E

165.00' S00°15'37.40"E

140.00' N00°15'37.45"W

150.21' S89°47'47.94"E

49.79' S00°15'37.40"E

58.58' S00°15'37.40"E

78.32' S89°46'00.00"E

130.01' S00°15'37.40"E

N89°46'00.00"W 20.00'

172.18' S00°15'37.40"E

230.73' S00°15'37.40"W

N89°47'47.94"W 27.40'

438.66' S00°15'37.40"E

104.77' 250.01' N00°15'37.40"W

102.50' S00°15'37.40"W 250.00'

59.61'

348.05' S00°42'30.00"W

102.50' N89°47'47.94"W

1248.06' S61°45'49"W

BM 1
CHISELED 'X' ON SSE CURB RETURN
AT ENTRANCE TO HOBBY LOBBY.
℄ DANFORTH RD. STA. 35+79.00 49.96' RT.
X= 2,118,775.8803 Y= 243,306.8551

BM 2
CHISELED 'X' ON CURB AT NW CORNER OF
CHURCH PARKING LOT.
℄ DANFORTH RD. STA. 42+70.42 54.81' RT.
X= 2,119,467.2784 Y= 243,299.5537

SCALE: 1" = 50'

SEC 26. T-14-N, R-3-W

PLS		
DRAWN	TAW	
CHECKED		
APPROVED		
CREW	POE	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SURVEY DATA SHEET

SWO ____-____(1) PROJECT NO. 38090(04) SHEET NO. S004

SDS 04 OF 07

8-87

POE & ASSOCIATES OKLAHOMA CITY, OKLAHOMA

SEC 27. T-14-N, R-3-W

EDMOND TOWN CENTER
EDMOND 40 LLC

P.O.B. STA. 95+00.00 ℄ SURVEY KELLY AVE.
BEG. SURVEY
X= 2,118,203.87'48 Y= 241,858.8872

100.86'

7669 — ℞ — 264.17' S00°15'37.40"E — 7668 — 210.51' S00°15'37.40"E — 7667 — 220.20' S00°15'37.40"E — 7666 — 227.52' S00°15'37.40"E — 7665

234.97' N89°57'23.00"E

234.97' S89°58'22.86"W

234.97' S89°58'22.86"W

234.97' S89°58'22.86"W

70.03' S89°58'22.86"W

COMMERCIAL VACANT LAND

COMMERCIAL VACANT LAND

COMMERCIAL VACANT LAND

SHERWIN–WILLIAMS PAINT STORE

100

105

7657 — 217.48' — 284.03' N00°15'37.40"W — 7658 PRES R/W — 210.51' N00°15'37.40"W — 7659 — 220.20' N00°15'37.40"W — 7660 — 107.21' N00°15'37.40"W — N89°44'22.00"E 10.00' — 7661 — 7662 — 100.41' S00°15'37.40"E — 7663

90'

50'

℄ SURVEY KELLY AVE.

N0°15'37.3962"W
2645.22'

STA. 95+00.00

STA. 110+00.00

CHICKEN EXPRESS

S00°01'37.00"W 10.00' — 7677 — 7676

252.24' S89°58'22.86"E

115.32' S89°58'22.86"E

345.04' S89°58'22.86"E

7683 — 50.00' N00°01'37.00"E — 7682 ℞ 150.01' N00°01'57.75"E — 7678

125.88' S89°58'44.34"E

125.06' S89°58'22.86"E

COMMERCIAL VACANT LAND

170.19' S00°14'02.01"E — 7681 — 7680 ℞ 180.00' S00°16'54.00"E — 7679 — 30' — 7648

5'

184.94' S89°58'22.86"E

204.89' S89°57'47.15"E

FIRST MED

MCDONALDS

PRES R/W

7649 — S45°10'26.00"E 35.43' — 50'

169.96' S00°15'37.40"E — 7651 — 155.07' S00°15'37.40"E PRES R/W — 7650

50'

50'

℄ SURVEY DAWFORTH RD.
N-S 309 SEC. LINE
S89°58'22.86"E 2675.29'

℄ SURVEY KELLY AVE.
℄℄ STA. 110+00.00
STA. 30+00.00
N-S 309 SEC. LINE
E-W 093 SEC. LINE
X= 2,118,197.0579 Y= 243,358.8717

7690 — 180.00' N00°15'37.40"W — BM 6 PRES R/W — 675.91' N00°15'37.40"W — 7691 — 110.00' N00°15'37.40"W — 7692 — BM 5 — 360.67' N00°15'37.40"W PRES R/W — 7693 — 140.00' N00°15'37.45"W — 7694

50'

N45°27'53.99"E 35.51' — 7695 — 50'

103.37' S89°46'00.00"E

7628

DRAINAGE & DETENTION AREA

MEADOW LAKE ADDITION SECTION 8

LA PETITE ACADEMY
TROY SMITH, INC.

260.00' S89°46'00.02"E

200.00' N89°46'00.00"W

MIDFIRST BANK

7 ELEVEN INC.

150.21' S89°47'47.94"E

124.78' S89°47'47.88"E

S89°47'47.94"E 2646.43'

7716 — 165.00' S00°15'37.40"E — 7696 PRES R/W

49.79'

7724 — 110.00' S00°15'37.54"E — 7723 — 7718 — 58.58' S00°15'37.40"E — 7717

58.32' N89°46'00.00"W

78.32' S89°46'00.00"E

7722 — 172.18' S00°15'37.40"E — 7721 — 20' — 7720 — 130.01' S00°15'37.40"E — 7719

130.00' S89°46'00.04"E

345.11' S89°47'47.97"E

7725

GIANOS FAMILY LIMITED PARTNERSHIP

SCALE: 1" = 50'

164.69' S19°55'53.00"W

402.86' S33°00'00.00"W

259.27' S63°05'12.00"W

140.18' S7°56'50.00"E

BM 6
CHISELED 'X' ON ESE CURB RETURN AT KELLY AND HAWTHORNE LANE.
℄ KELLY AVE. STA. 97+45.69 52.20' RT.
X= 2,118,254.9622 Y= 242,104.8073

BM 5
CHISELED 'X' ON CURB PI AT SW CORNER OF BANK PARKING LOT.
℄ KELLY AVE. STA. 105+07.88 49.99' RT.
X= 2,118,249.2790 Y= 242,866.9808

SEC 26. T-14-N, R-3-W

PLS			OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION
DRAWN	TAW		SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO ____-____(1) PROJECT NO. 38090(04) SHEET NO. S005

SDS 05 OF 07

8-87

POE & ASSOCIATES OKLAHOMA CITY, OKLAHOMA

SEC 22. T-14-N, R-3-W

INDEPENDENT SCHOOL DISTRICT #12, EDMOND

MUTUAL ACCESS AGREEMENT

DANFORTH JR, LLC

INDEPENDENT SCHOOL DISTRICT #12, EDMOND

S & S PROPERTY INVESTMENTS, LLC

FERRARI, GRATTAN, GRATTAN & GRATTAN

BANK OF OKLAHOMA

TINKER CREDIT UNION

EDMOND PUBLIC SCHOOLS 1-12

DISTRICT #12, EDMOND INDEPENDENT SCHOOL

℄ STA.110+00.00 ℄ SURVEY KELLY AVE.
•STA.30+00.00 ℄ SURVEY DANFORTH RD.
N-S 309 SEC.LINE
E-W 093 SEC.LINE
X= 2,118,197.0579 Y= 243,358.8717

P.O.E. STA.125+00.00 ℄ SURVEY KELLY AVE.
END SURVEY
X= 2,118,767.315 Y= 244,858.7340

℄ SURVEY KELLY AVE.

℄ SURVEY DANFORTH RD.

NORTH OAKS CENTER

NORTH OAKS CENTER

MICHAEL K. FORTH AND NANETTE FORTH

SPIRIT BANK

ALLIED SELF STORAGE

ALLIED SELF STORAGE

50' CITIES SERVICE GAS CO. PIPELINE EASEMENT

25' FIRE LANE

17' ROAD ESMT

SEC 23. T-14-N, R-3-W

SCALE: 1" = 50'

PLS			OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION
DRAWN	TAW		SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO - (1) PROJECT NO. 38090(04) SHEET NO. S006

SDS 06 OF 07

8-87

1/4 SECTION CORNER
SET A SAND STONE 14 X 13 X 3 FOR 1/4 SEC. COR.
FOUND P.K. NAIL
X = 2,118,161.2291 Y = 246,002.6392

T-14-N R-3-W 22

T-14-N R-3-W 23

N89°35'59.71"W
35.13'
40D NAIL IN
IN COR. POST

18

S85°28'06.78"E
22.66'
'X' ON CURB

135

S64°16'03.21"W
46.51'
FACE OF
VENT PIPE

130

N0°46'35.16"W
2644.01'

125

SECTION CORNER
SET A SAND STONE 19 X 15 X 3 FOR COR.
TO SECS. 22, 23, 26 AND 27.
FOUND 'X' IN CONC.
X = 2,118,197.0579 Y = 243,358.8717

1/4 SECTION CORNER
SET A SAND STONE 16 X 13 X 3 FOR 1/4 SEC. COR.
FOUND 1" PIPE
X = 2,120,843.4675 Y = 243,349.4792

1/4 SECTION CORNER
SET A SAND STONE 15 X 13 X 4 FOR 1/4 SEC. COR.
FOUND 1/2" IRON PIN
X = 2,115,521.7722 Y = 243,360.1316

120

115

40d NAIL IN
POWER POLE

N66°31'03.18"W
87.87'

25

PK NAIL IN
POWER POLE

TOP NUT ON FH

N50°05'32.94"W
50.41'

N61°32'06.19"E
74.25'

5 10 15 20 30 35 40 45 50 55

19

SEC. LINE
E-W 093

S89°58'22.86"E
2675.29'

11

℄ SURVEY DANFORTH RD.

S89°47'47.94"E
2646.43'

20

S17°07'58.05"W
54.81'

S65°55'21.98"E
78.89'

S00°03'09.99"W
25.85'

'X' ON CURB

'X' ON CURB

59.90'

'X' ON CURB

S57°39'38.34"W
85.93'

40d NAIL IN
POWER POLE

S39°45'46.30"E
60.52'

40d NAIL IN
POWER POLE

'X' ON CURB

105

100

N0°15'37.40"W
2645.22'

95

℄ SURVEY KELLY AVE.

SEC. LINE
N-S 309

90

'X' ON CURB

N38°07'38.44"W
36.53'

N37°11'12.67"E
36.91'

'X' ON CURB

85

27

S35°15'53.61"W
38.39'

S37°42'23.83"E
37.56'

'X' ON CURB

'X' ON CURB

T-14-N R-3-W 27

T-14-N R-3-W 26

1/4 SECTION CORNER
SET A SAND STONE 15 X 12 X 3 FOR 1/4 SEC. COR.
FOUND 3/8" IP
X = 2,118,209.0794 Y = 240,713.6798

N

SCALE:
1" = 400'

NOTE: REFERENCE'S SHOWN ARE NOT TO SCALE.

PLS			OKLAHOMA DEPARTMENT OF TRANSPORTATION SURVEY DIVISION
DRAWN	TAW		SURVEY DATA SHEET
CHECKED			
APPROVED			
CREW	POE		SWO - (1) PROJECT NO. 38090(04) SHEET NO. S007

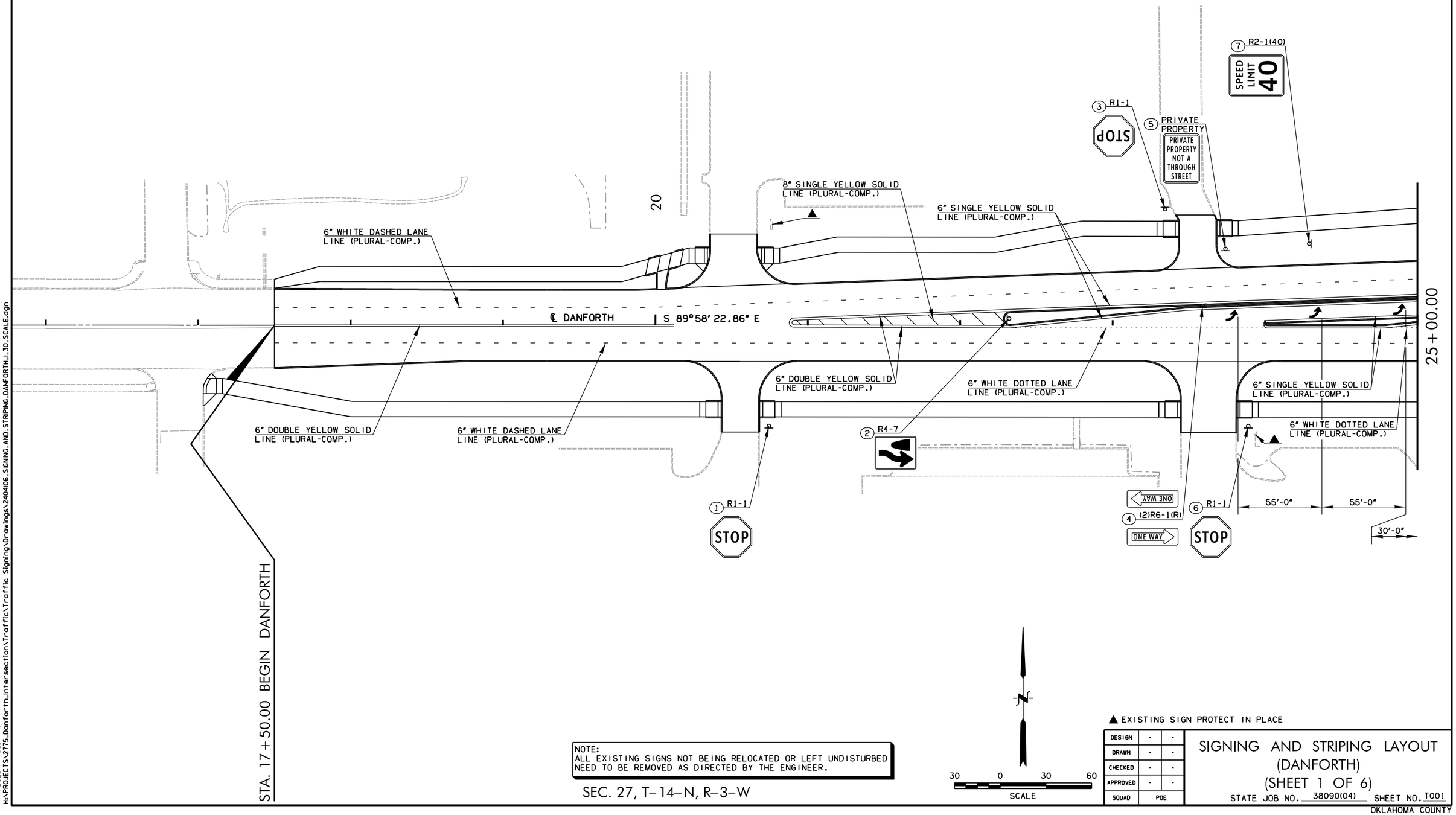
SDS 07 OF 07

8-87

SEC. 22, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



NOTE:
ALL EXISTING SIGNS NOT BEING RELOCATED OR LEFT UNDISTURBED NEED TO BE REMOVED AS DIRECTED BY THE ENGINEER.

SEC. 27, T–14–N, R–3–W

30 0 30 60
SCALE

▲ EXISTING SIGN PROTECT IN PLACE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SIGNING AND STRIPING LAYOUT (DANFORTH) (SHEET 1 OF 6)

STATE JOB NO. 38090(04) SHEET NO. T001

OKLAHOMA COUNTY

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SEC. 22, T–14–N, R–3–W

SEC. 23, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

25+00.00

34+00.00

℄ DANFORTH

℄ KELLY AVE.

110

30

(15) ADOPT A STREET

(8) R1-1 STOP

(13) BUS STOP

70'-0" | 55'-0" | 55'-0" | 30'-0"

6" SINGLE YELLOW SOLID LINE (PLURAL-COMP.)

6" WHITE DASHED LANE LINE (PLURAL-COMP.)

6" SINGLE YELLOW SOLID LINE (PLURAL-COMP.)

6" DOUBLE YELLOW SOLID LINE (PLURAL-COMP.)

8" SINGLE YELLOW SOLID LINE (PLURAL-COMP.)

6" WHITE DOTTED LANE LINE (PLURAL-COMP.)

24"X8' WHITE CROSS WALK (PLURAL-COMP.)

24" WHITE SOLID STOP BAR (PLURAL-COMP.)

6" WHITE DASHED LANE LINE (PLURAL-COMP.)

30'-0"

6" WHITE DOTTED LANE LINE (PLURAL-COMP.)

(11) R6-1(R) ONE WAY

(12) R3-7(R) RIGHT LANE MUST TURN RIGHT

(9) R5-1a WRONG WAY

(10) R5-1a WRONG WAY

6" WHITE DOTTED LANE LINE (PLURAL-COMP.)

(14) R6-1(R) ONE WAY

(16) R4-7

6" SINGLE WHITE SOLID LANE LINE (PLURAL-COMP.)

STA. 30+00.00 DANFORTH=
STA. 110+00.00 KELLY AVE.

(22) R3-7(R) RIGHT LANE MUST TURN RIGHT

30'-0" | 55'-0" | 55'-0" | 70'-0"

(25) R3-7(L) LEFT LANE MUST TURN LEFT

6" WHITE DASHED LANE LINE (PLURAL-COMP.)

(18) R6-1(R) ONE WAY

6" SINGLE WHITE SOLID LANE LINE (PLURAL-COMP.)

(21) R6-1(R) ONE WAY

6" WHITE DOTTED LANE LINE (PLURAL-COMP.)

24" WHITE SOLID STOP BAR (PLURAL-COMP.)

6" SINGLE YELLOW SOLID LINE (PLURAL-COMP.)

6" DOUBLE YELLOW SOLID LINE (PLURAL-COMP.)

(17) R4-7

8" SINGLE YELLOW SOLID LINE (PLURAL-COMP.)

(19) ADOPT A STREET

(20) R6-1(R) ONE WAY

(23) R1-1 STOP

(24) R2-1(40) SPEED LIMIT 40

6" WHITE DOTTED LANE LINE (PLURAL-COMP.)

21'-0"

6" WHITE DASHED LANE LINE (PLURAL-COMP.)

6" SINGLE WHITE SOLID LANE LINE (PLURAL-COMP.)

▲ EXISTING SIGN PROTECT IN PLACE

NOTE:
ALL EXISTING SIGNS NOT BEING RELOCATED OR LEFT UNDISTURBED NEED TO BE REMOVED AS DIRECTED BY THE ENGINEER.

SEC. 27, T–14–N, R–3–W

SEC. 26, T–14–N, R–3–W

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SIGNING AND STRIPING LAYOUT (DANFORTH) (SHEET 2 OF 6)

STATE JOB NO. 38090(04) SHEET NO. T002

OKLAHOMA COUNTY

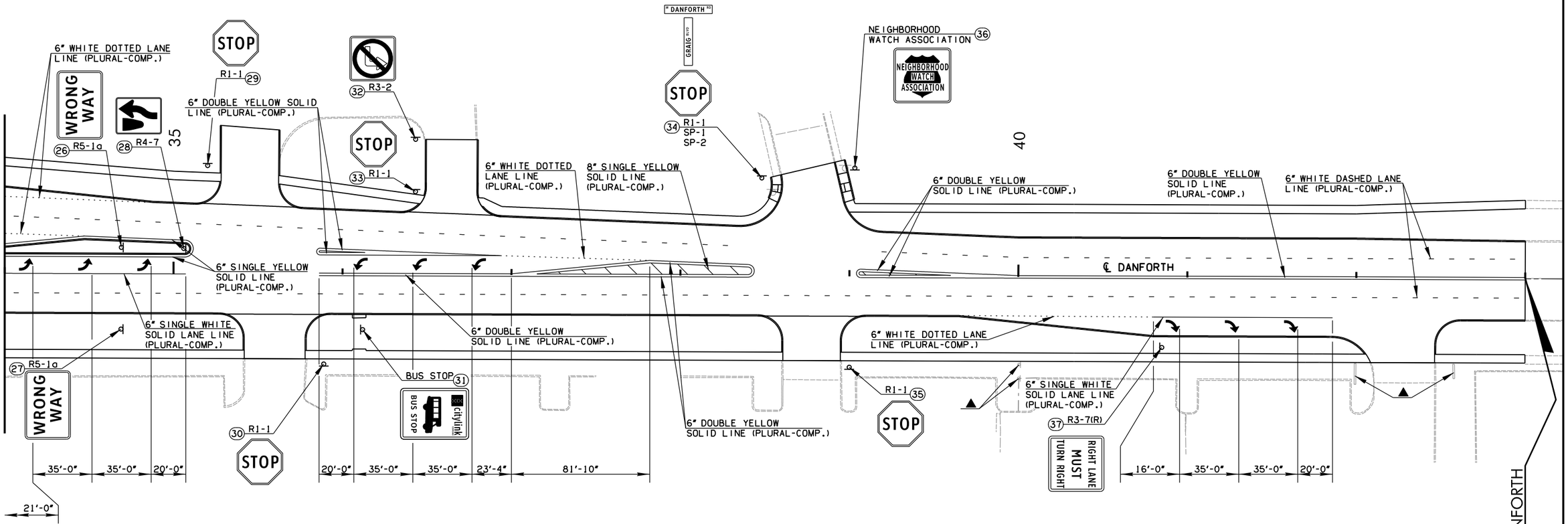
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SEC. 23, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



▲ EXISTING SIGN PROTECT IN PLACE

NOTE:
ALL EXISTING SIGNS NOT BEING RELOCATED OR LEFT UNDISTURBED NEED TO BE REMOVED AS DIRECTED BY THE ENGINEER.

SEC. 26, T–14–N, R–3–W

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SIGNING AND STRIPING LAYOUT (DANFORTH) (SHEET 3 OF 6)

STATE JOB NO. 38090(04) SHEET NO. T003

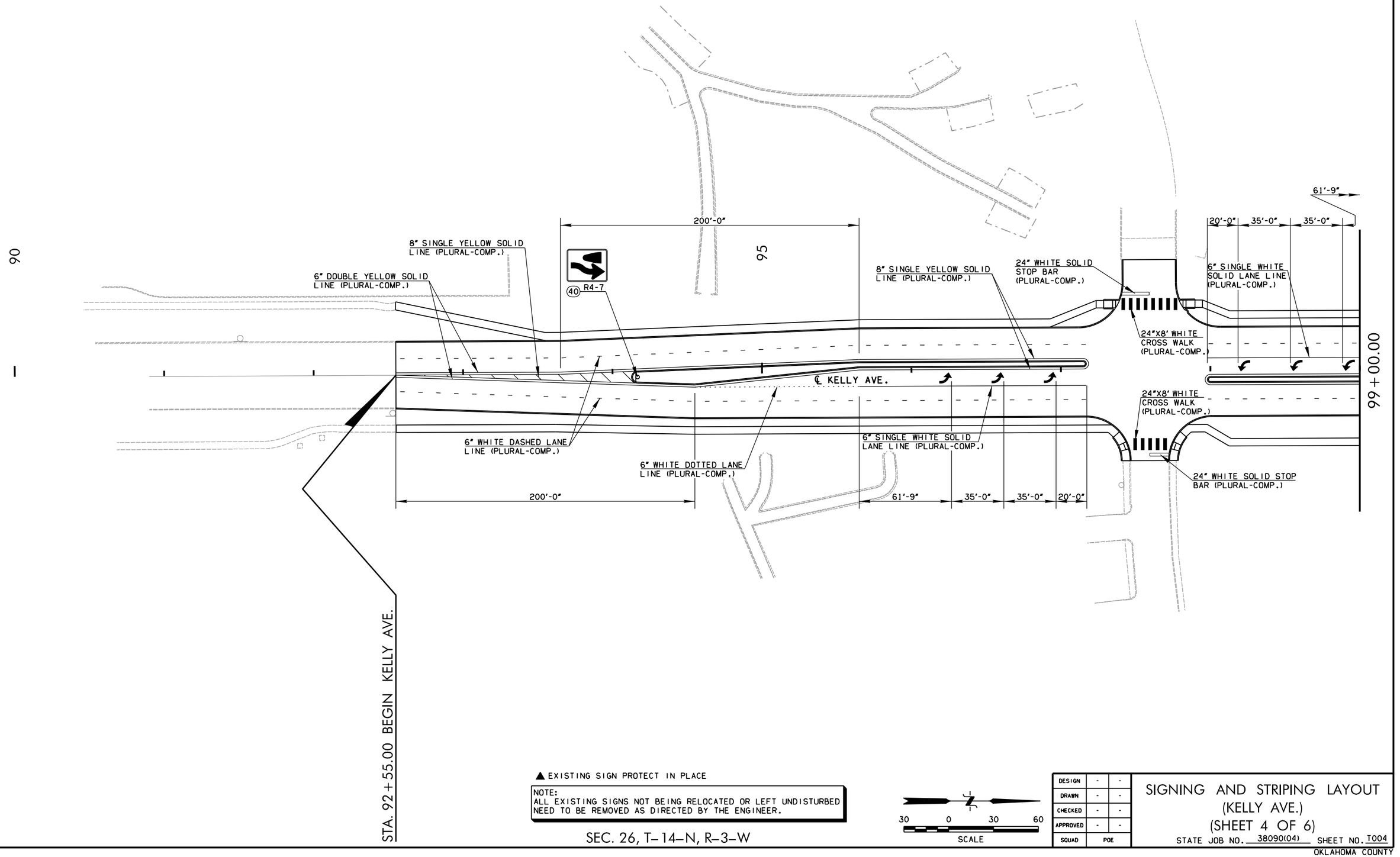
OKLAHOMA COUNTY

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SEC. 27, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



▲ EXISTING SIGN PROTECT IN PLACE

NOTE:
ALL EXISTING SIGNS NOT BEING RELOCATED OR LEFT UNDISTURBED NEED TO BE REMOVED AS DIRECTED BY THE ENGINEER.

SEC. 26, T–14–N, R–3–W

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SIGNING AND STRIPING LAYOUT (KELLY AVE.) (SHEET 4 OF 6)

STATE JOB NO. 38090(04) SHEET NO. T004

OKLAHOMA COUNTY

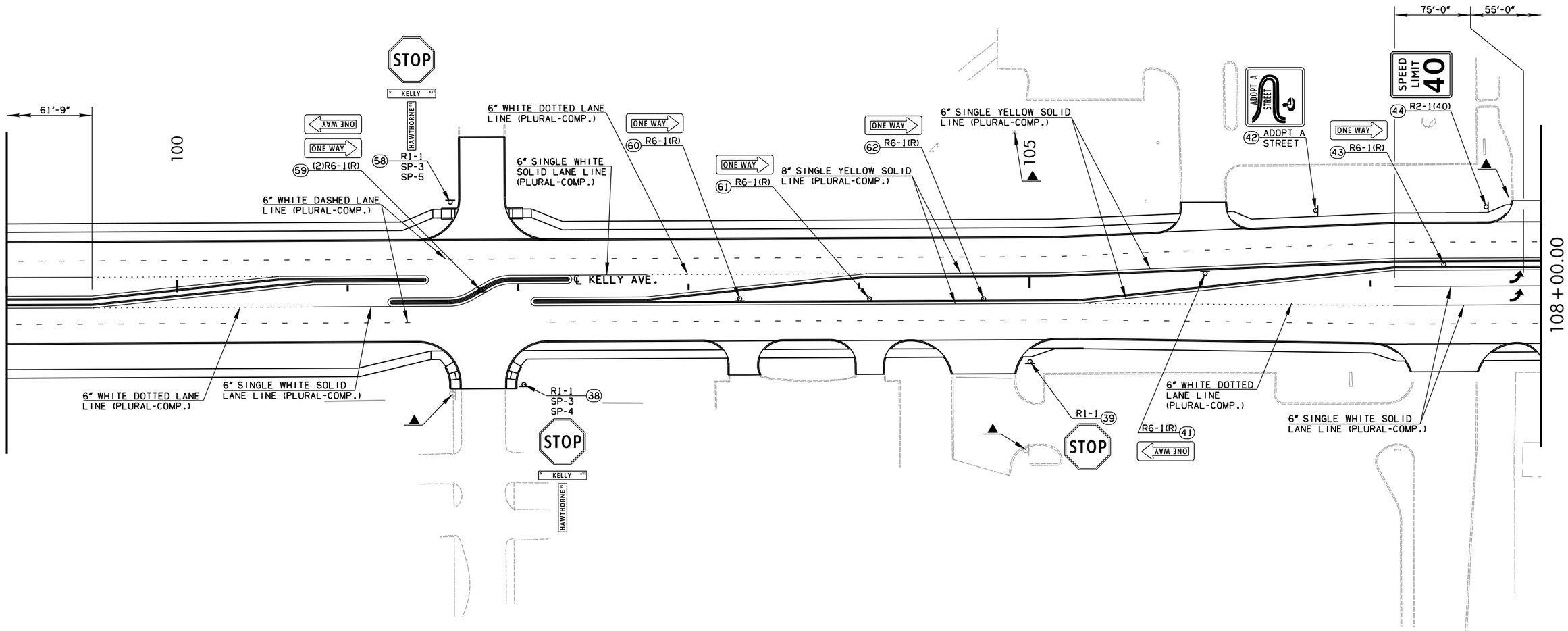
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SEC. 27, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



▲ EXISTING SIGN PROTECT IN PLACE

NOTE:
ALL EXISTING SIGNS NOT BEING RELOCATED OR LEFT UNDISTURBED NEED TO BE REMOVED AS DIRECTED BY THE ENGINEER.

SEC. 26, T–14–N, R–3–W

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SIGNING AND STRIPING LAYOUT (KELLY AVE.) (SHEET 5 OF 6)

STATE JOB NO. 38090(04) SHEET NO. T005

OKLAHOMA COUNTY

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SEC. 27, T–14–N, R–3–W

SEC. 22, T–14–N, R–3–W

POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

℄ DANFORTH

℄ KELLY AVE.

55'-0" 55'-0" 30'-0"

30'-0" 55'-0" 55'-0" 77'-0"

110

115

30

108+00.00

ONE WAY (2)R6-1(R) 45

6" DOUBLE YELLOW SOLID LINE (PLURAL-COMP.)

8" SINGLE YELLOW SOLID LINE (PLURAL-COMP.)

6" SINGLE YELLOW SOLID LINE (PLURAL-COMP.)

6" WHITE DOTTED LANE LINE (PLURAL-COMP.)

6" WHITE DASHED LANE LINE (PLURAL-COMP.)

24" WHITE SOLID STOP BAR (PLURAL-COMP.)

24"X8' WHITE CROSS WALK (PLURAL-COMP.)

24" WHITE SOLID STOP BAR (PLURAL-COMP.)

24"X8' WHITE CROSS WALK (PLURAL-COMP.)

R6-1(R) 46 ONE WAY

47 R4-7

6" SINGLE WHITE SOLID LANE LINE (PLURAL-COMP.)

RIGHT LANE MUST TURN RIGHT

51 R3-7(R)

6" WHITE DOTTED LANE LINE (PLURAL-COMP.)

STOP R1-1 54

Overflow Parking Available On The West Side of Building.

OVERFLOW PARKING 56

6" DOUBLE YELLOW SOLID LINE (PLURAL-COMP.)

8" SINGLE YELLOW SOLID LINE (PLURAL-COMP.)

6" SINGLE YELLOW SOLID LINE (PLURAL-COMP.)

6" WHITE DASHED LANE LINE (PLURAL-COMP.)

6" SINGLE WHITE SOLID LANE LINE (PLURAL-COMP.)

ADOPT A STREET 49

R4-7 48

(2)R6-1(R) 50 ONE WAY

R6-1(R) 52 ONE WAY

55 (2)R6-1(R) ONE WAY ONE WAY

R2-1(45) 53 SPEED LIMIT 45

57 R6-1(R) ONE WAY

STA. 110+00.00 KELLY AVE.=
STA. 30+00.00 DANFORTH

STA. 116+26.28 END KELLY AVE.

▲ EXISTING SIGN PROTECT IN PLACE

NOTE:
ALL EXISTING SIGNS NOT BEING RELOCATED OR LEFT UNDISTURBED NEED TO BE REMOVED AS DIRECTED BY THE ENGINEER.

30 0 30 60
SCALE

SEC. 26, T–14–N, R–3–W

SEC. 23, T–14–N, R–3–W

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SIGNING AND STRIPING LAYOUT (KELLY AVE.) (SHEET 6 OF 6)

STATE JOB NO. 38090(04) SHEET NO. T006

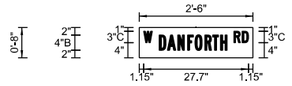
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

SIGN DETAIL
1:20



FHWA HIGHWAY GOTHIC FONT SHALL
BE USED FOR ALL LETTERING

SIGN NUMBER	SP-1
WIDTH x HGHT.	2'-6" x 0'-8"
BORDER WIDTH	0"
CORNER RADIUS	0"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT

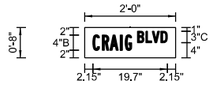
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																						LENGTH	SERIES/SIZE
W																							C 2000
1.2																						2.3	3
R	D																						C 2000
25	27.2																					3.9	3
D	A	N	F	O	R	T	H																B 2000
5.3	7.5	10.2	12.8	14.7	17.3	19.4	21.5															17.9	4

SIGN DETAIL
1:20



FHWA HIGHWAY GOTHIC FONT SHALL
BE USED FOR ALL LETTERING

SIGN NUMBER	SP-2
WIDTH x HGHT.	2'-0" x 0'-8"
BORDER WIDTH	0"
CORNER RADIUS	0"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT

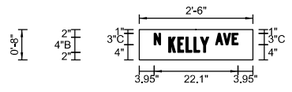
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																						LENGTH	SERIES/SIZE
B	L	V	D																				C 2000
14	16.2	17.9	20.2																			7.9	3
C	R	A	I	G																			B 2000
2.2	4.6	6.7	9.4	10.7																		10.2	4

SIGN DETAIL
1:20



FHWA HIGHWAY GOTHIC FONT SHALL
BE USED FOR ALL LETTERING

SIGN NUMBER	SP-3
WIDTH x HGHT.	2'-6" x 0'-8"
BORDER WIDTH	0"
CORNER RADIUS	0"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT

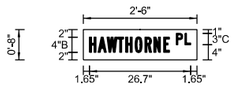
Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																						LENGTH	SERIES/SIZE
N																							C 2000
3.9																						1.7	3
A	V	E																					C 2000
20.1	22.2	24.5																				5.9	3
K	E	L	L	Y																			B 2000
7.8	10.2	12.3	14.4	16.2																		10.6	4

SIGN DETAIL
1:20



FHWA HIGHWAY GOTHIC FONT SHALL
BE USED FOR ALL LETTERING

SIGN NUMBER	SP-4
WIDTH x HGHT.	2'-6" x 0'-8"
BORDER WIDTH	0"
CORNER RADIUS	0"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective
	COLOR: Green
LEGEND/BORDER	TYPE: Reflective
	COLOR: White

SYMBOL	X	Y	WID	HT

Dimensions are in inches.tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)

																						LENGTH	SERIES/SIZE
P	L																						C 2000
24.6	26.8																					3.8	3
H	A	W	T	H	O	R	N	E															B 2000
1.6	3.9	6.3	9.1	11.2	13.7	16.3	18.6	21.2														21.1	4

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

SPECIAL SIGN DETAIL SHEET

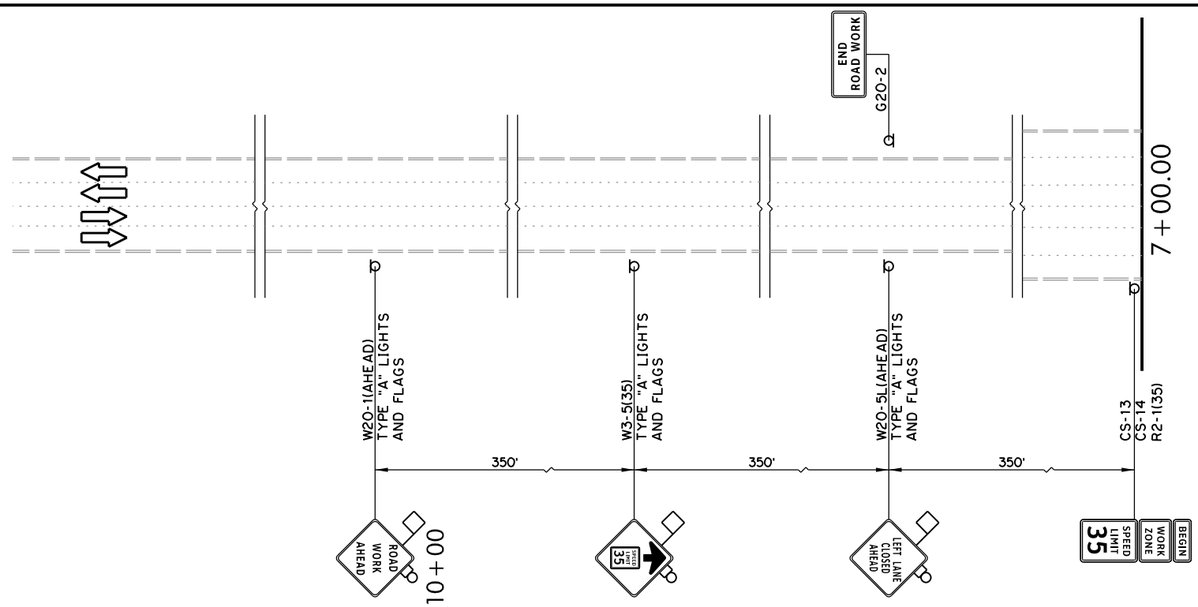
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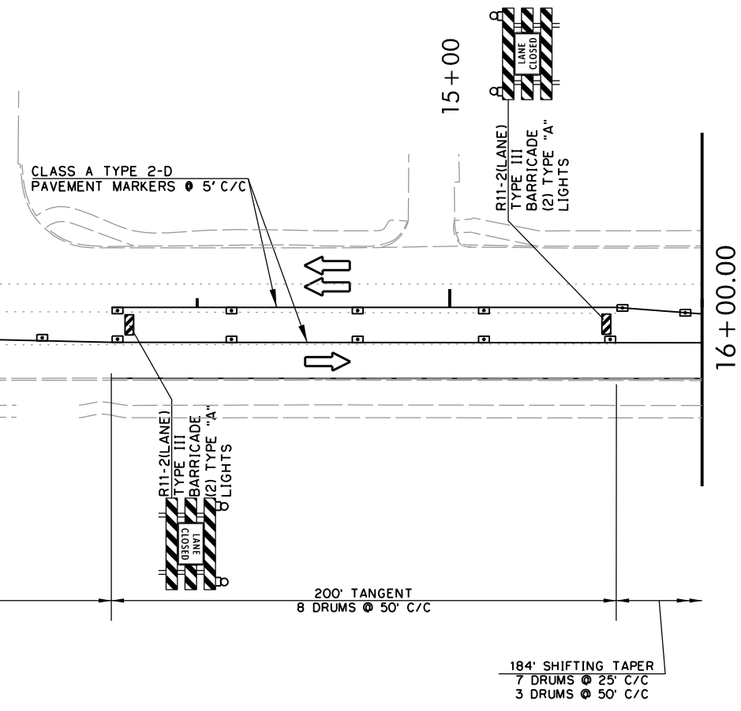
OKLAHOMA COUNTY

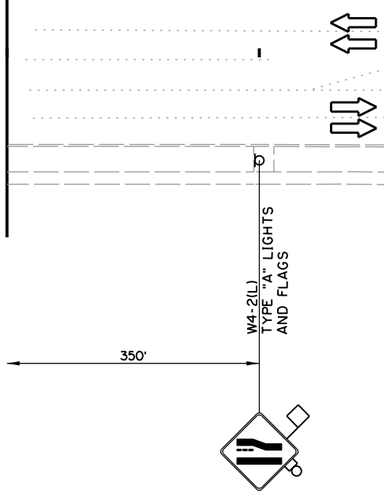
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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE







SUGGESTED SEQUENCE OF CONSTRUCTION

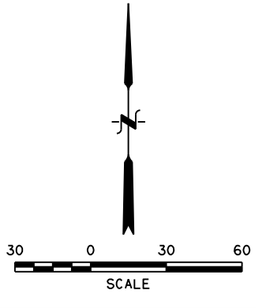
PHASE 1

1. INSTALL TEMPORARY SIGNING AND TRAFFIC CONTROL.
2. SHIFT TWO-WAY TRAFFIC TO EXISTING PAVEMENT AS SHOWN.
3. CONSTRUCT NORTH HALF OF DANFORTH ROAD FROM STA. 17+50.00 TO STA. 29+73.50 AND STA. 30+23.50 TO STA. 43+00.00. AS SHOWN ON PLANS.
4. CONSTRUCT WEST OUTSIDE DRIVING LANE AND TURN LANE OF KELLY AVENUE FROM STA. 110+53.76 TO STA. 116+26.28 AS SHOWN ON PLANS.
5. CONSTRUCT EAST OUTSIDE DRIVING LANE OF KELLY AVENUE FROM STA. 110+53.76 TO STA. 116+26.28 AS SHOWN ON PLANS.

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 1
(SHEET 1 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T008

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

REVISIONS	
DESCRIPTION	DATE

16+00.00

3 DRUMS @ 20' C/C

(2) R11-2(LANE) (2)TYPE III BARRICADE (4) TYPE "A" LIGHTS

SIDEWALK CLOSED R9-9

W1-4(R) TYPE "A" LIGHTS AND FLAGS

CLASS A TYPE 2-D PAVEMENT MARKERS @ 5' C/C

184' SHIFTING TAPER
7 DRUMS @ 25' C/C
3 DRUMS @ 50' C/C

20+00

(2) R11-2(LANE) (2)TYPE III BARRICADE (4) TYPE "A" LIGHTS

DOUBLE CLASS A TYPE 2-D PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

℄ DANFORTH

650' TANGENT
22 DRUMS @ 50' C/C

25+00.00

(2) R11-2(LANE) (2)TYPE III BARRICADE (4) TYPE "A" LIGHTS

DOUBLE CLASS A TYPE 2-D PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

350' TANGENT
28 DRUMS @ 25' C/C

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 1
(SHEET 2 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T009

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

112+00.00
(PHASE 1 SHEET 8 OF 9)

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

(2) R11-2(LANE)
(2)TYPE III
BARRICADE
(4) TYPE "A"
LIGHTS

(2) R11-2 (LANE)
(2)TYPE III
BARRICADE
(4) TYPE "A"
LIGHTS

(4) R11-2(LANE)
(4)TYPE III
BARRICADE
(8) TYPE "A"
LIGHTS

W1-4(R)
TYPE "A" LIGHTS
AND FLAGS

433' TANGENT
21 DRUMS
@ 50' C/C

℄ DANFORTH

110+00

30+00

℄ KELLY AVE.

24" WHITE STOP
LINE PLASTIC

25+00.00

34+00.00

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

8 DRUMS @
20' C/C

SIDEWALK
CLOSED
R9-9

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

3 DRUMS @
20' C/C

R9-9
SIDEWALK
CLOSED

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

350' TANGENT
28 DRUMS @ 25' C/C

192' TANGENT
8 DRUMS @ 50' C/C

298' TANGENT
8 DRUMS @ 50' C/C

350' TANGENT
22 DRUMS @ 25' C/C

179' TANGENT
9 TUBE
CHANNELIZERS
@ 50' C/C

(2) R11-2 (LANE)
(2) TYPE III
BARRICADE
(4) TYPE "A"
LIGHTS

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

(1) R11-2(LANE)
(1) TYPE III
BARRICADE
(2) TYPE "A"
LIGHTS

108+00.00
(PHASE 1 SHEET 7 OF 9)

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

30 0 30 60
SCALE

CONTRACTOR SHALL COORDINATE PHASING WITH THE CITY OF EDMOND ENGINEERING-TRAFFIC DIVISION FOR THE SIGNALIZATION OF THE INTERSECTION.

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 1
(SHEET 3 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T010

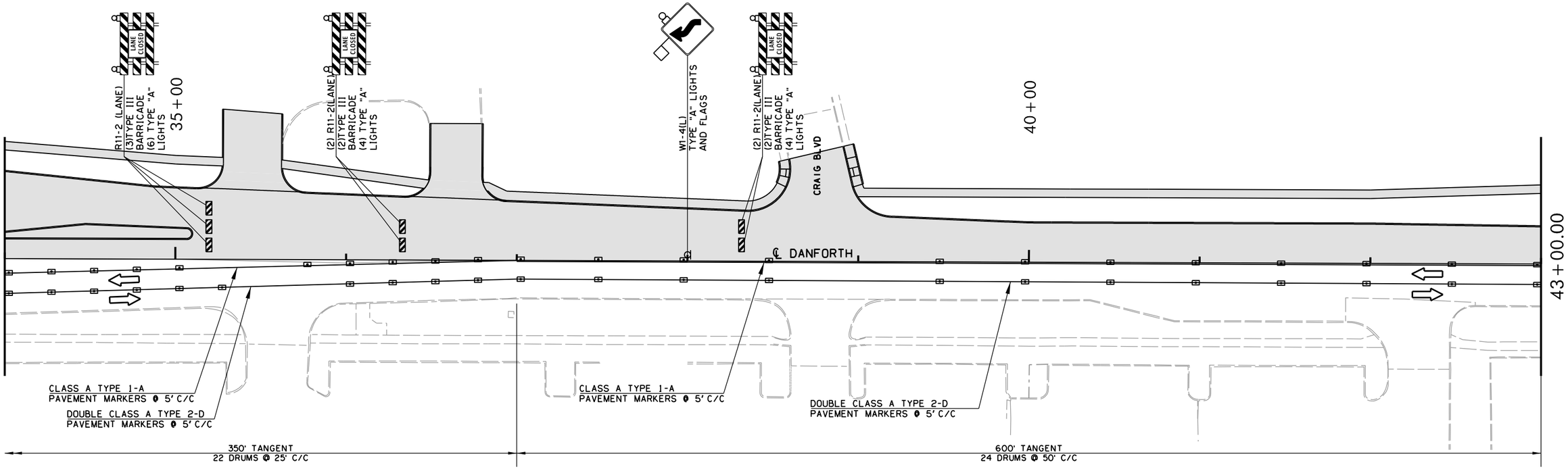
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 1
(SHEET 4 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T011

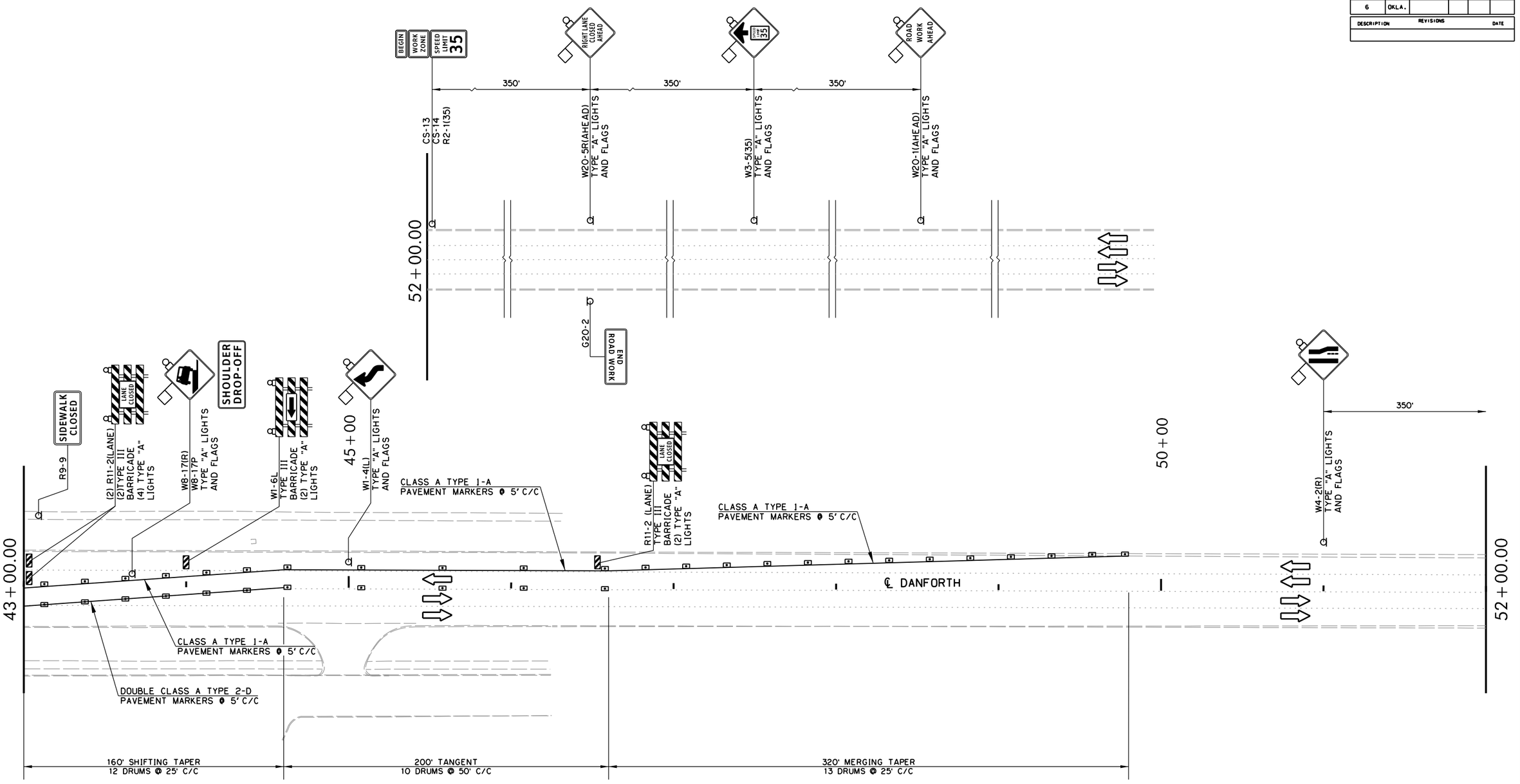
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT. EXCEPT STOP BARS. SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN. SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 1
(SHEET 5 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T012

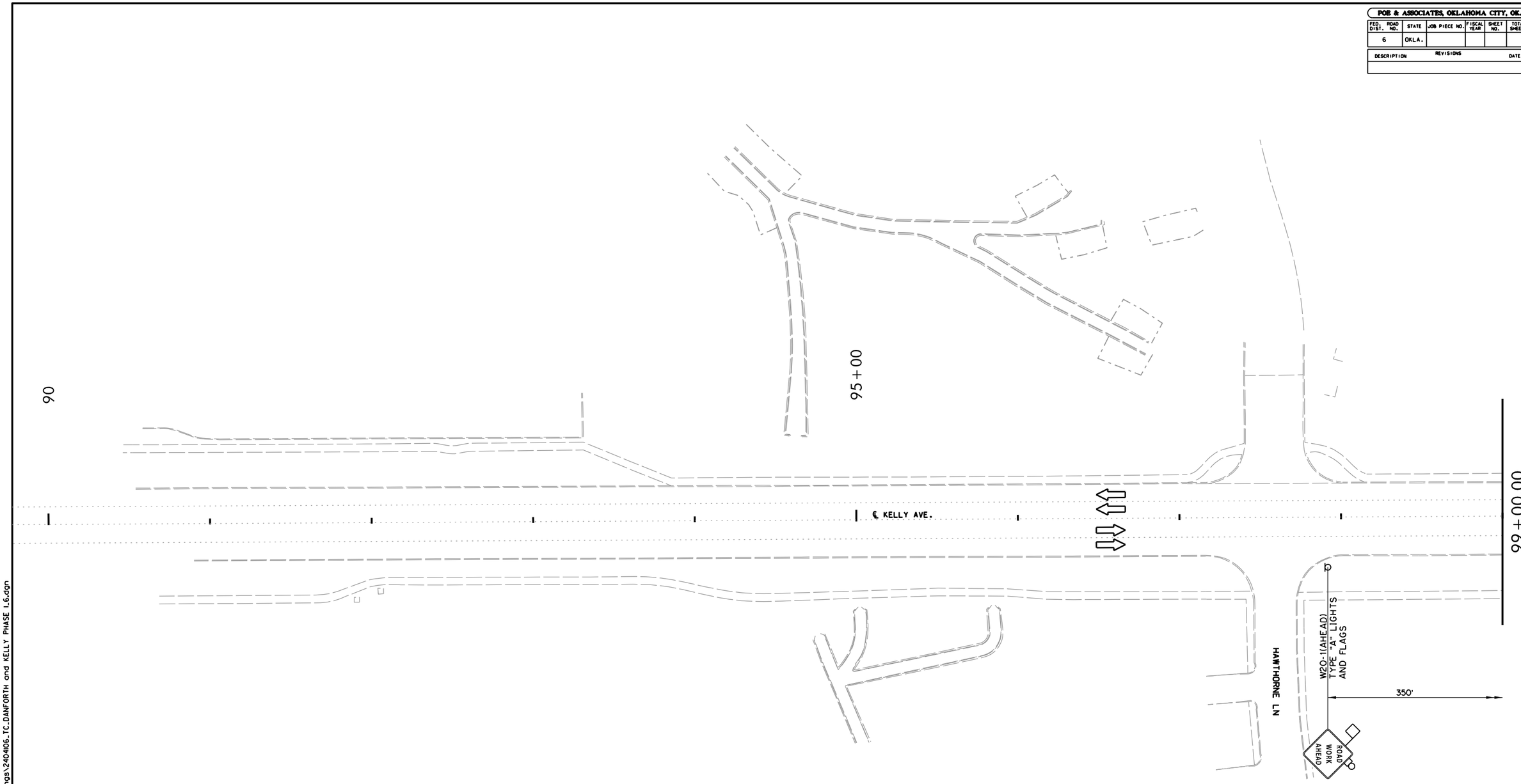
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 1
(SHEET 6 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T013

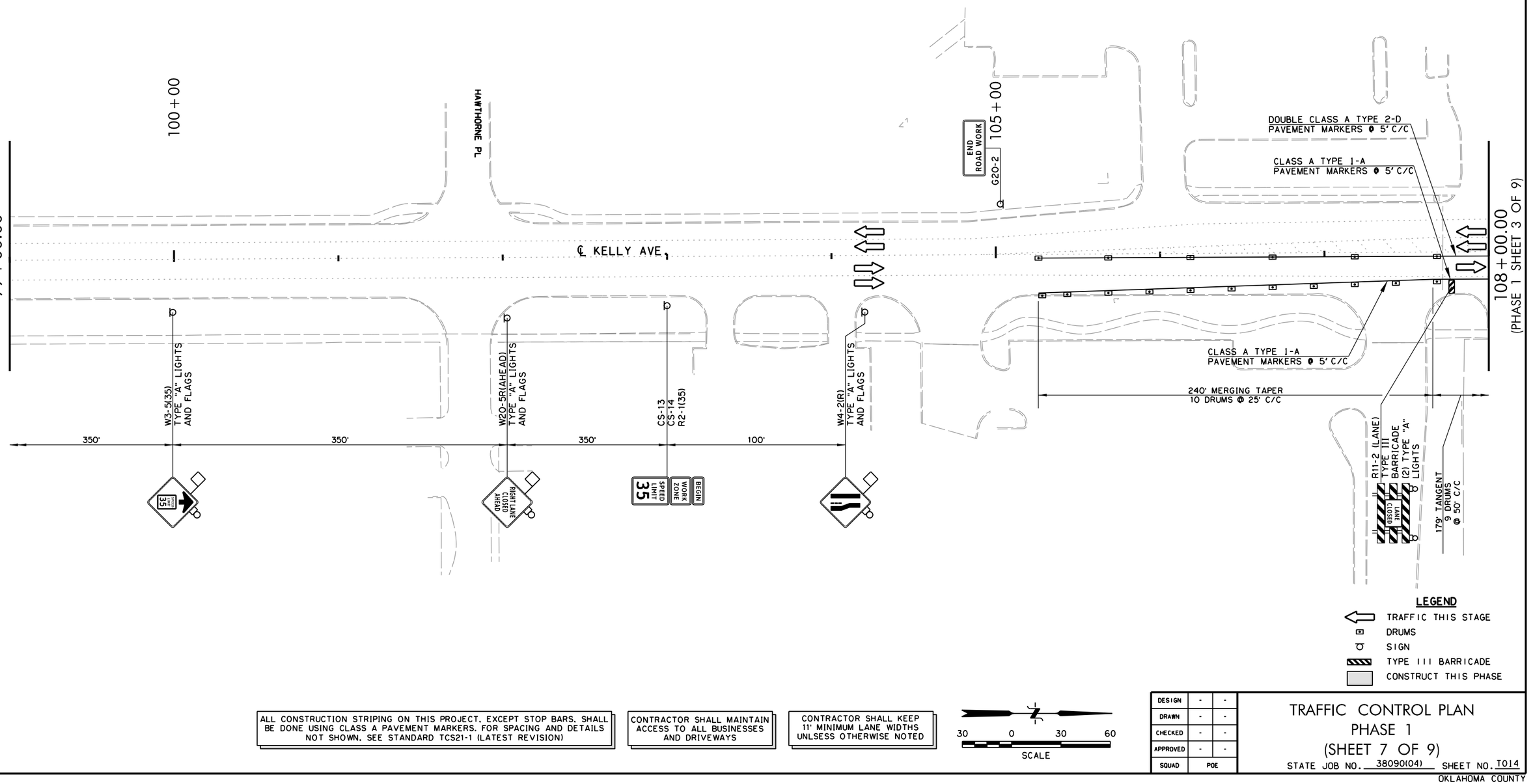
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 1
(SHEET 7 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T014

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

112+00.00
(PHASE 1 SHEET 3 OF 9)

(3) R11-2(LANE)
(3) TYPE III BARRICADE
(6) TYPE "A" LIGHTS

433' TANGENT
21 DRUMS @ 50' C/C

(2) R11-2 (LANE)
(2) TYPE III BARRICADE
(4) TYPE "A" LIGHTS

W1-6L
TYPE III BARRICADE
(2) TYPE "A" LIGHTS

115+00

200' SHIFTING TAPER
23 DRUMS @ 25' C/C

SIDEWALK CLOSED
R9-9

R11-2 (LANE)
TYPE III BARRICADE
(2) TYPE "A" LIGHTS

W8-17(R)
W8-17P
TYPE "A" LIGHTS AND FLAGS

SHOULDER DROP-OFF

(2) R11-2 (LANE)
(2)TYPE III BARRICADE
(4) TYPE "A" LIGHTS

387' TANGENT
9 DRUMS @ 50' C/C

W1-4(L)
TYPE "A" LIGHTS AND FLAGS

R11-2 (LANE)
TYPE III BARRICADE
(2) TYPE "A" LIGHTS

120+00

374' MERGING TAPER
13 DRUMS
@ 25' C/C

121+00.00

CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS
5' C/C

℄ KELLY AVE.

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

2 DRUMS

100' TAPER
4 DRUMS @ 25' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

W1-4(R)
TYPE "A" LIGHTS AND FLAGS

R11-2 (LANE)
(2) TYPE III BARRICADE
(4) TYPE "A" LIGHTS

R11-2 (LANE)
TYPE III BARRICADE
(2) TYPE "A" LIGHTS

W1-6R
TYPE III BARRICADE
(2) TYPE "A" LIGHTS

R11-2 (LANE)
TYPE III BARRICADE
(2) TYPE "A" LIGHTS

R9-9
SIDEWALK CLOSED

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 1
(SHEET 8 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T015

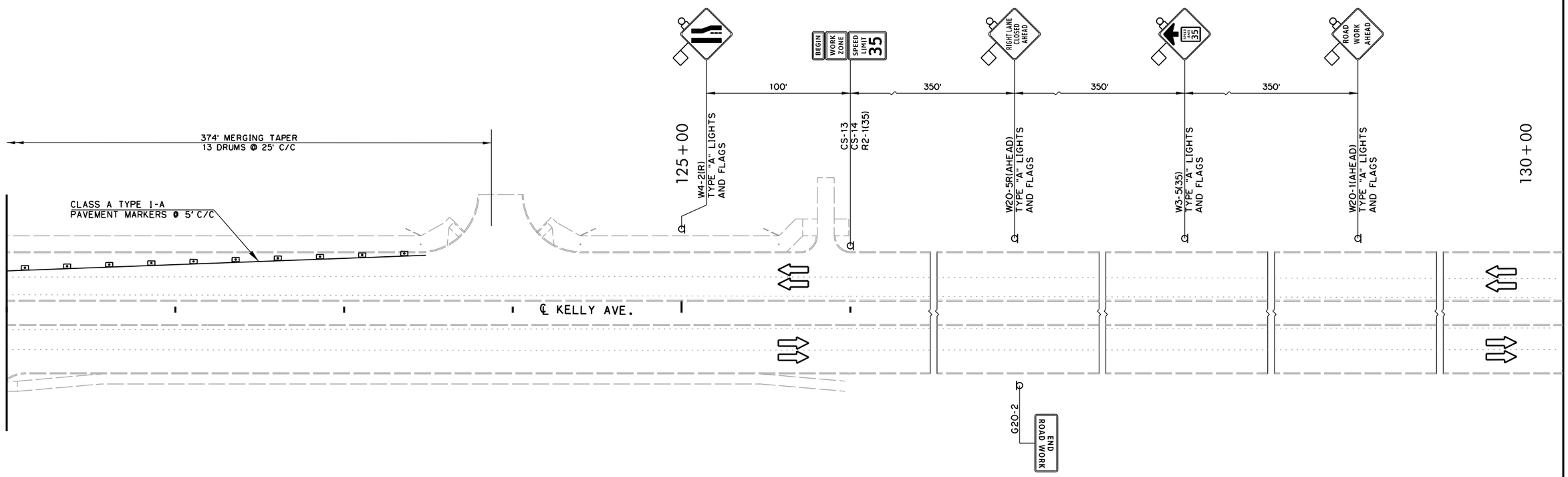
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 1
(SHEET 9 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T016

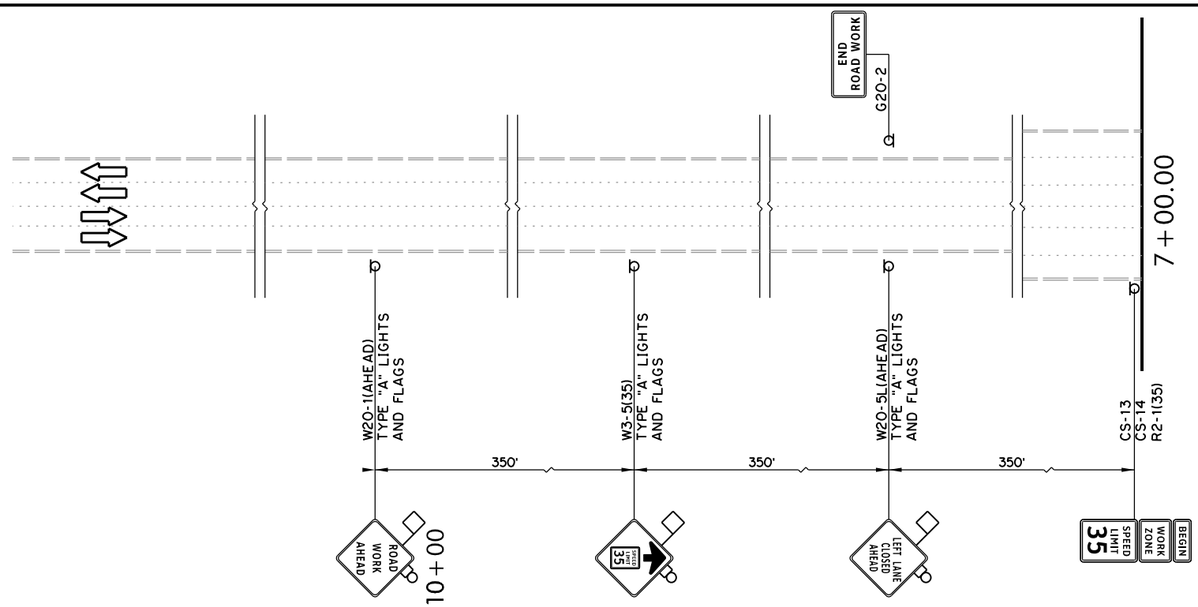
OKLAHOMA COUNTY

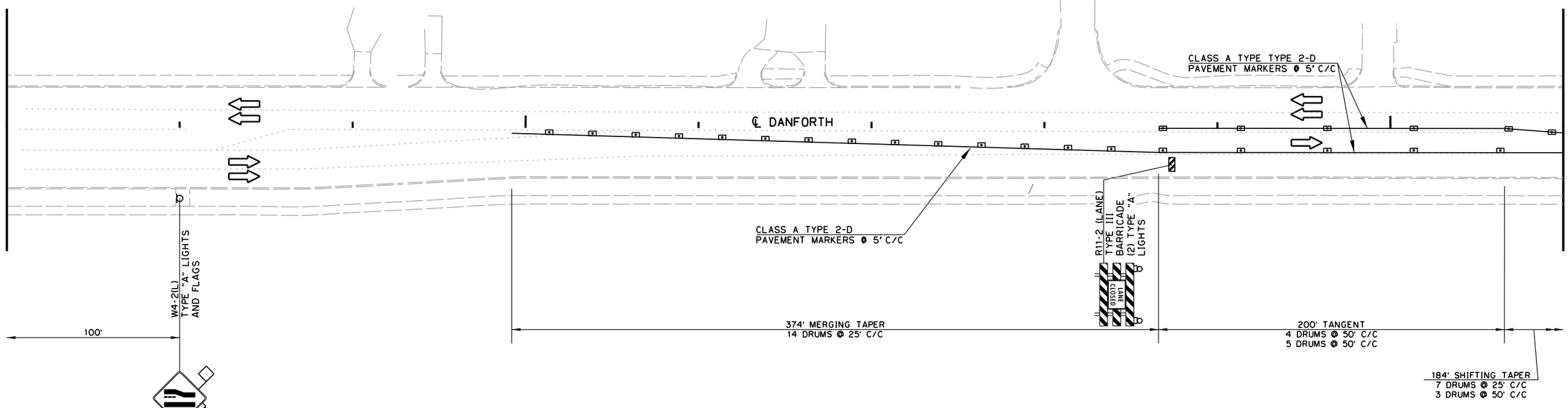
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE





SUGGESTED SEQUENCE OF CONSTRUCTION

PHASE 2

1. INSTALL/RELOCATE TEMPORARY SIGNING AND TRAFFIC CONTROL.
2. SHIFT NORTHBOUND AND SOUTHBOUND KELLY AVENUE TO NEWLY CONSTRUCTED OUTSIDE DRIVING LANES AS SHOWN.
3. CONSTRUCT NORTH HALF OF DANFORTH ROAD FROM STA. 29+73.50 TO STA. 30+23.50 AS SHOWN ON PLANS.
4. CONSTRUCT INSIDE LANE AND MEDIAN OF KELLY AVENUE FROM STA. 110+53.76 TO STA. 116+26.28 AS SHOWN ON PLANS.

ALL CONSTRUCTION STRIPING ON THIS PROJECT. EXCEPT STOP BARS. SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN. SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 2
(SHEET 1 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T017

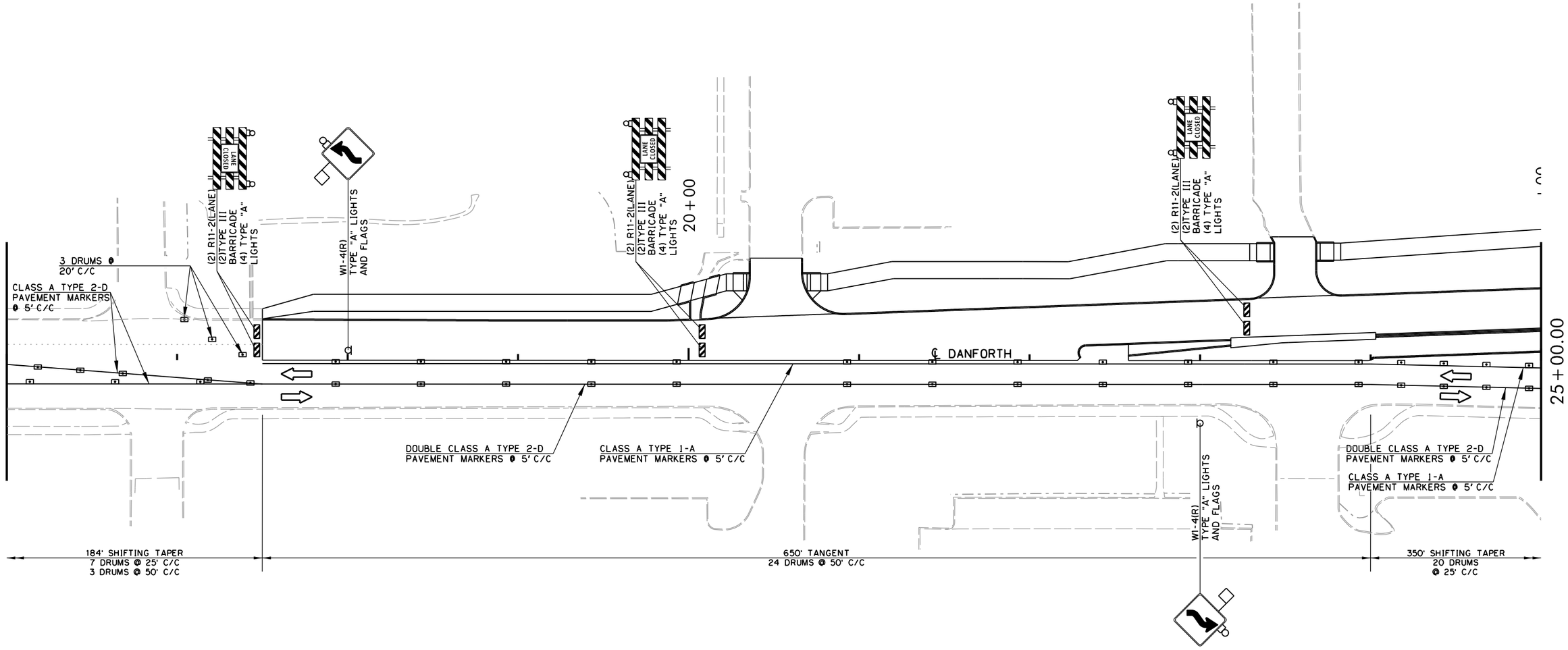
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 2
(SHEET 2 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T018

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

112+00.00
(PHASE 2 SHEET 8 OF 9)

25+00.00

34+00.00

30+00

110+00

108+00.00
(PHASE 2 SHEET 7 OF 9)

℄ DANFORTH

℄ KELLY AVE.

(2) R11-2(LANE)
(4)TYPE III BARRICADE
(8) TYPE "A" LIGHTS

(2) R11-2(LANE)
(4)TYPE III BARRICADE
(8) TYPE "A" LIGHTS

W1-4(R) TYPE "A" LIGHTS AND FLAGS

SIDEWALK CLOSED
R9-9

312' TANGENT
14 DRUMS @ 50' C/C

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

(2) R11-2(LANE)
(6)TYPE III BARRICADE
(12) TYPE "A" LIGHTS

CLASS A TYPE 2-D PAVEMENT MARKERS @ 5' C/C

SIDEWALK CLOSED
R9-9

(5) R11-2(LANE)
(5)TYPE III BARRICADE
(10) TYPE "A" LIGHTS

(1)W1-6R
(1)TYPE III BARRICADE
(2) TYPE "A" LIGHTS

621' TANGENT
16 TUBE CHANNELIZERS @ 50' C/C

(2) R11-2(LANE)
(6)TYPE III BARRICADE
(12) TYPE "A" LIGHTS

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D PAVEMENT MARKERS @ 5' C/C

350' SHIFTING TAPER
20 DRUMS @ 25' C/C

192' TANGENT
8 DRUMS @ 50' C/C

R11-2 (LANE)
(3) TYPE III BARRICADE
(6) TYPE "A" LIGHTS

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

24" WHITE STOP LINE PLASTIC

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

179' SHIFTING TAPER
16 DRUMS @ 25' C/C &
3 DRUMS @ 50' C/C

W8-17(L)
W8-17P
TYPE "A" LIGHTS AND FLAGS

SHOULDER DROP-OFF

R3-2

298' TANGENT
10 DRUMS @ 50' C/C

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D PAVEMENT MARKERS @ 5' C/C

350' TANGENT
18 DRUMS @ 25' C/C

R6-1(R)
ONE WAY

R6-1(R)
ONE WAY

100' TAPER
4 TUBE CHANNELIZERS @ 25' C/C

CLASS A TYPE 2-D PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

R6-1(R)
ONE WAY

R11-2 (LANE)
TYPE III BARRICADE
(2) TYPE "A" LIGHTS

LANE CLOSED

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

30 0 30 60
SCALE

CONTRACTOR SHALL COORDINATE PHASING WITH THE CITY OF EDMOND ENGINEERING-TRAFFIC DIVISION FOR THE SIGNALIZATION OF THE INTERSECTION.

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 2
(SHEET 3 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T019

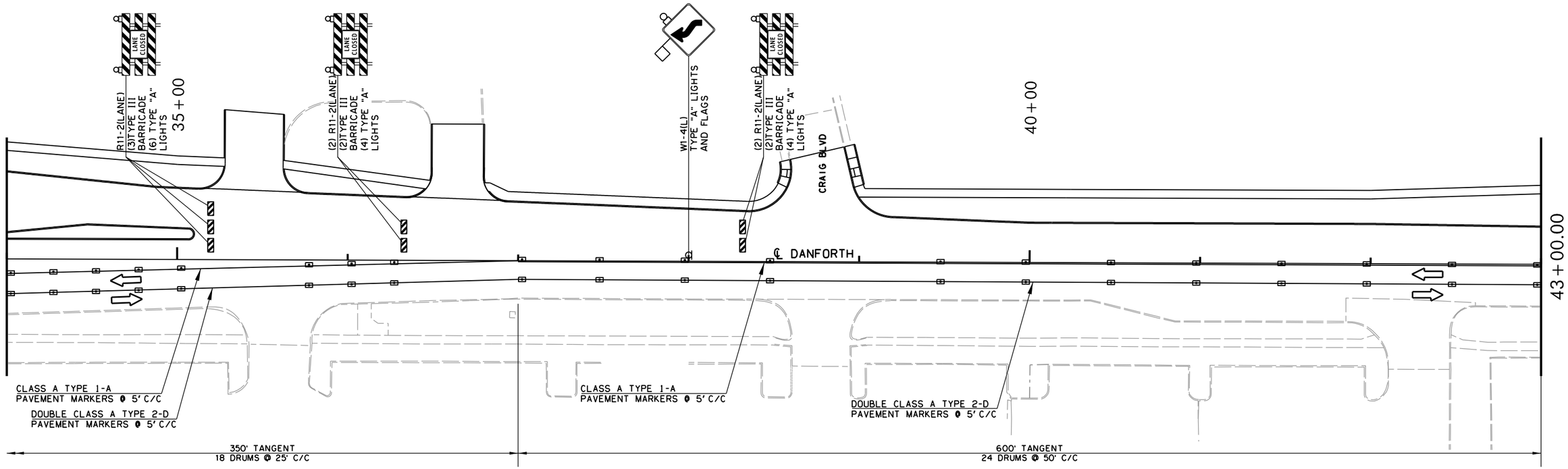
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 2
(SHEET 4 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T020

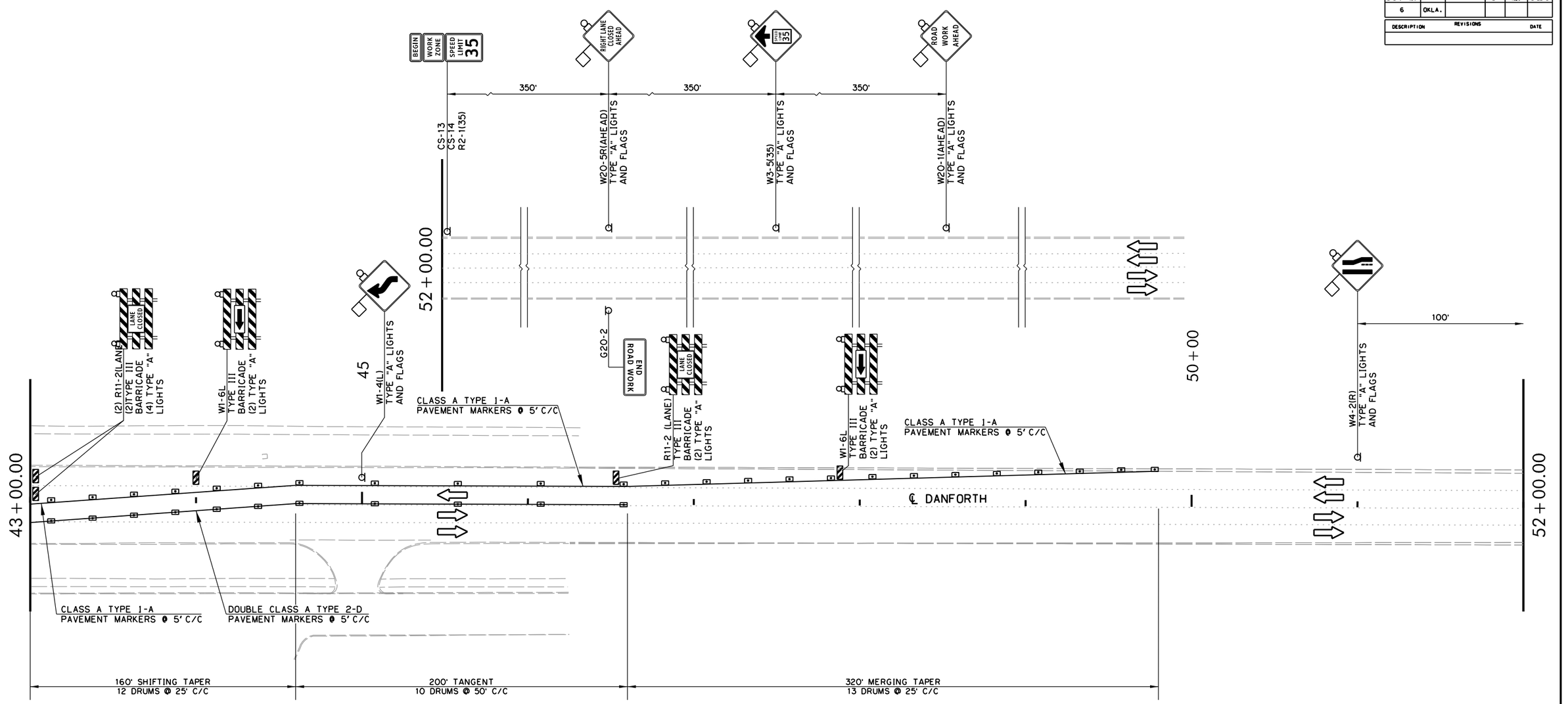
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 2
(SHEET 5 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T021

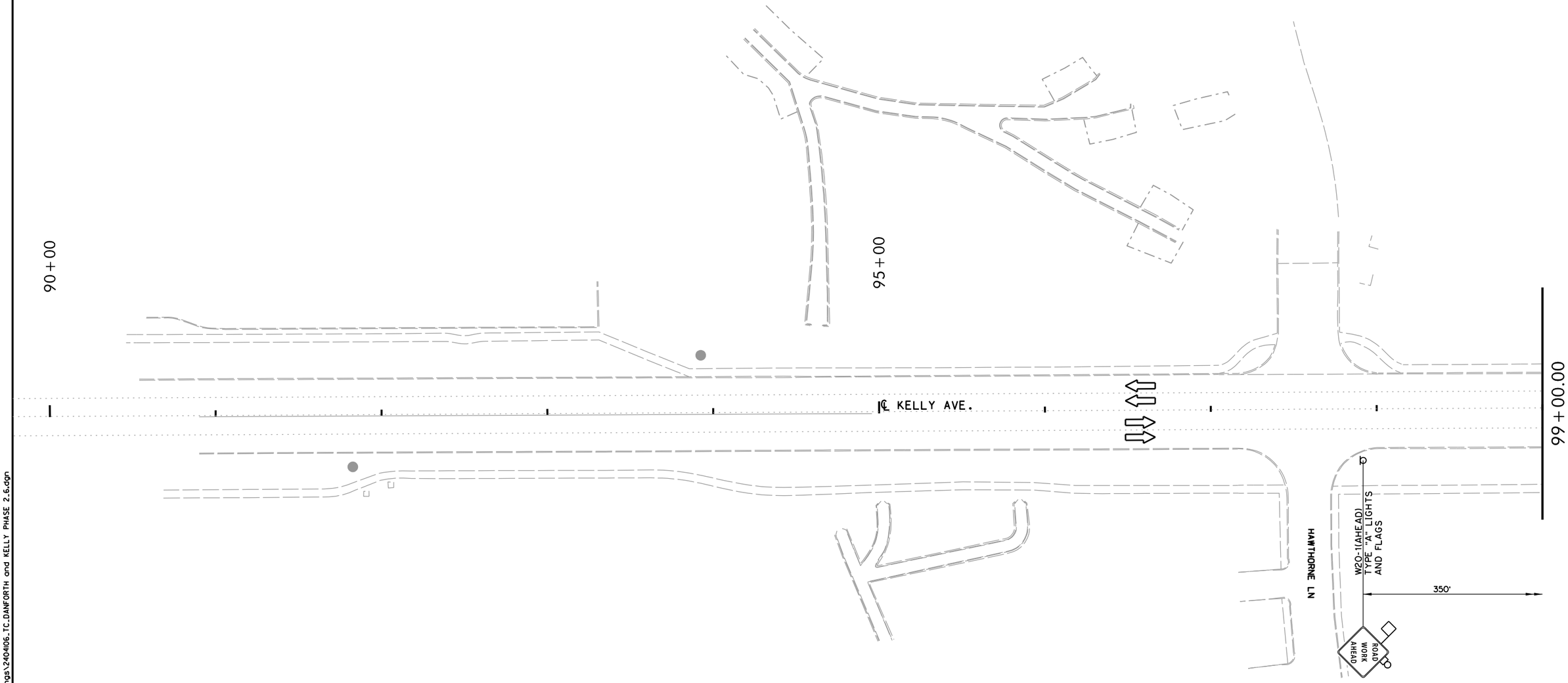
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60

SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 2
(SHEET 6 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T022

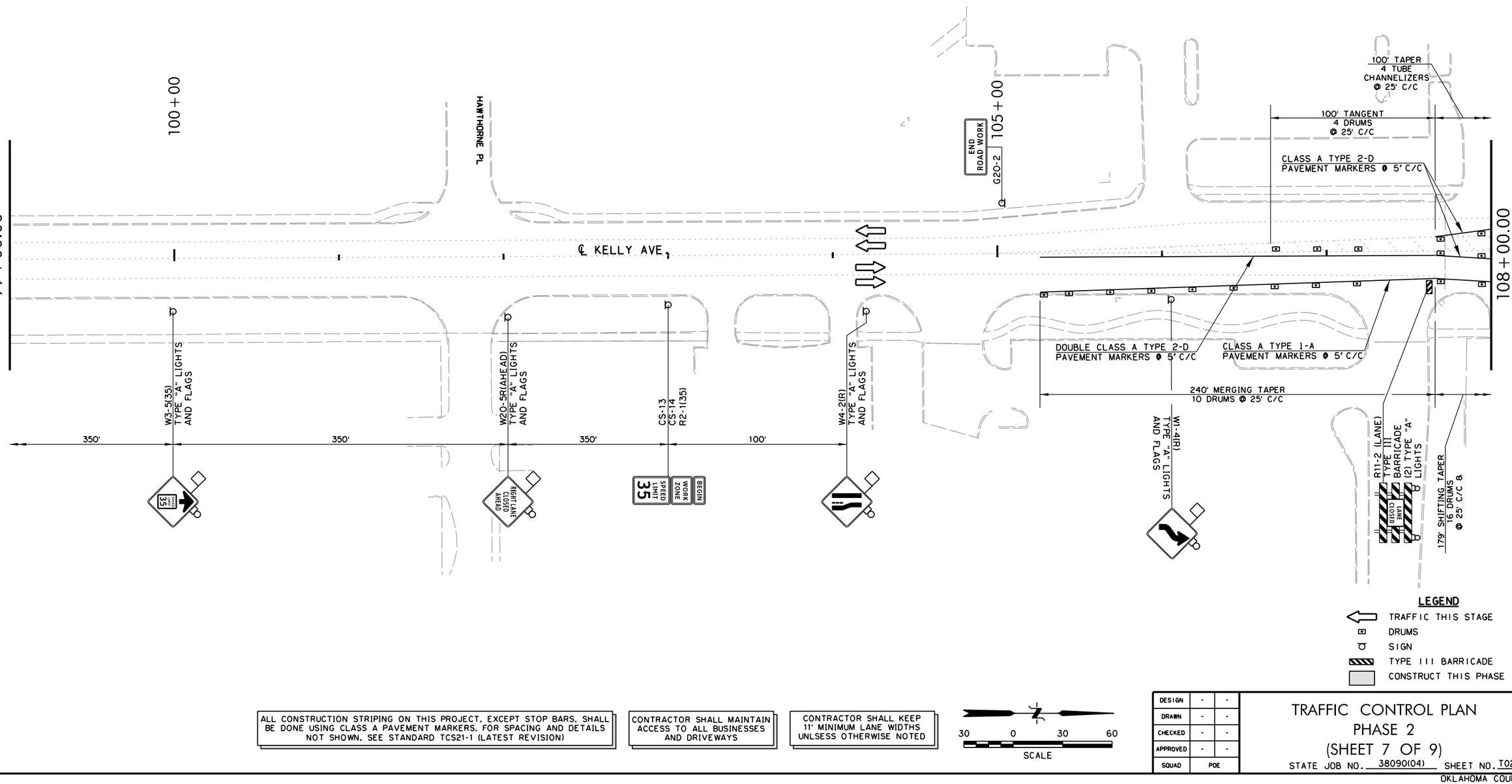
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 2
(SHEET 7 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T023

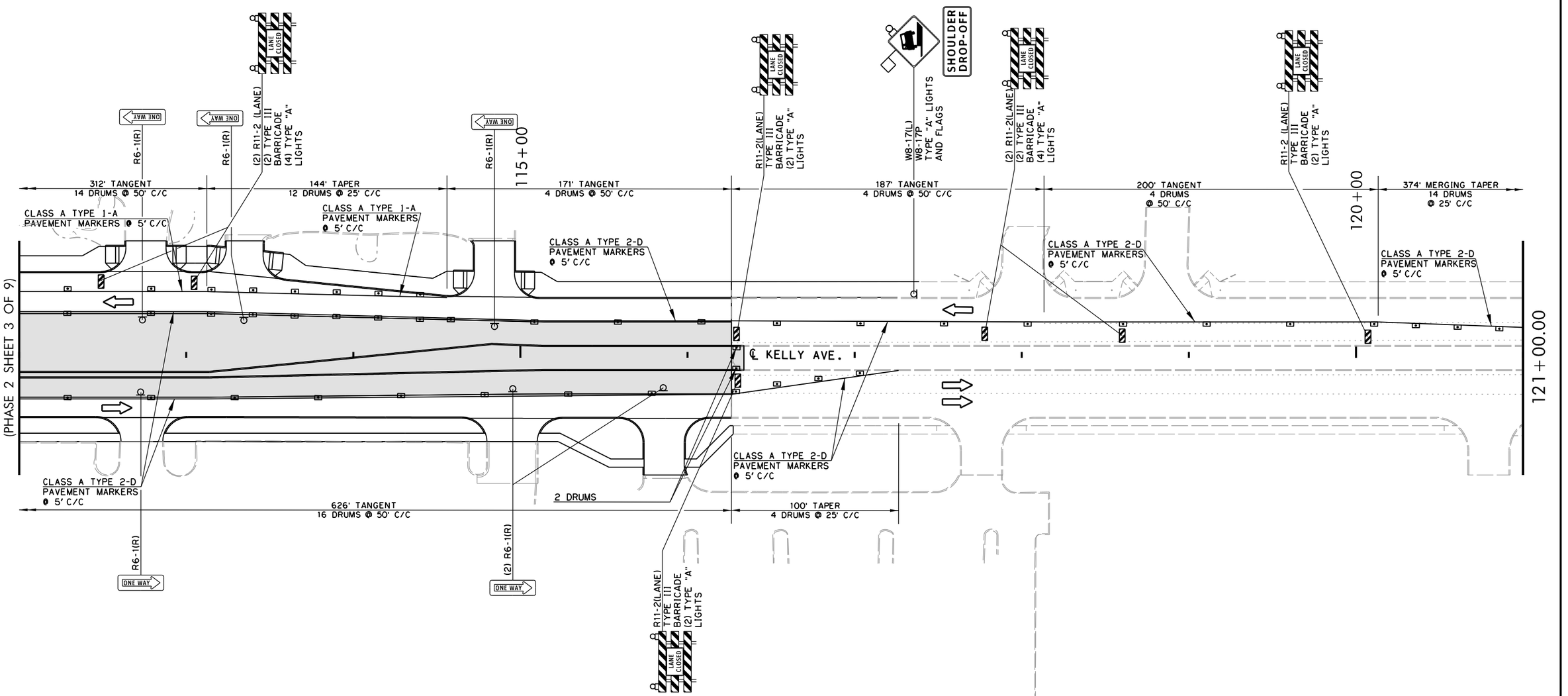
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 2
(SHEET 8 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T024

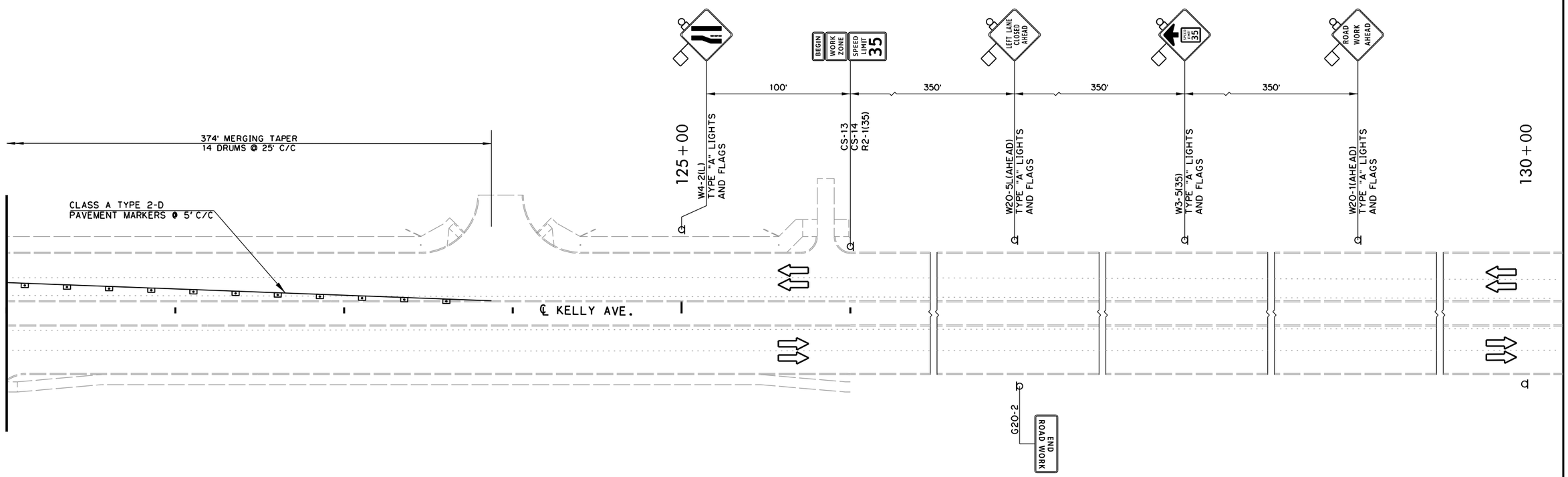
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 2
(SHEET 9 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T025

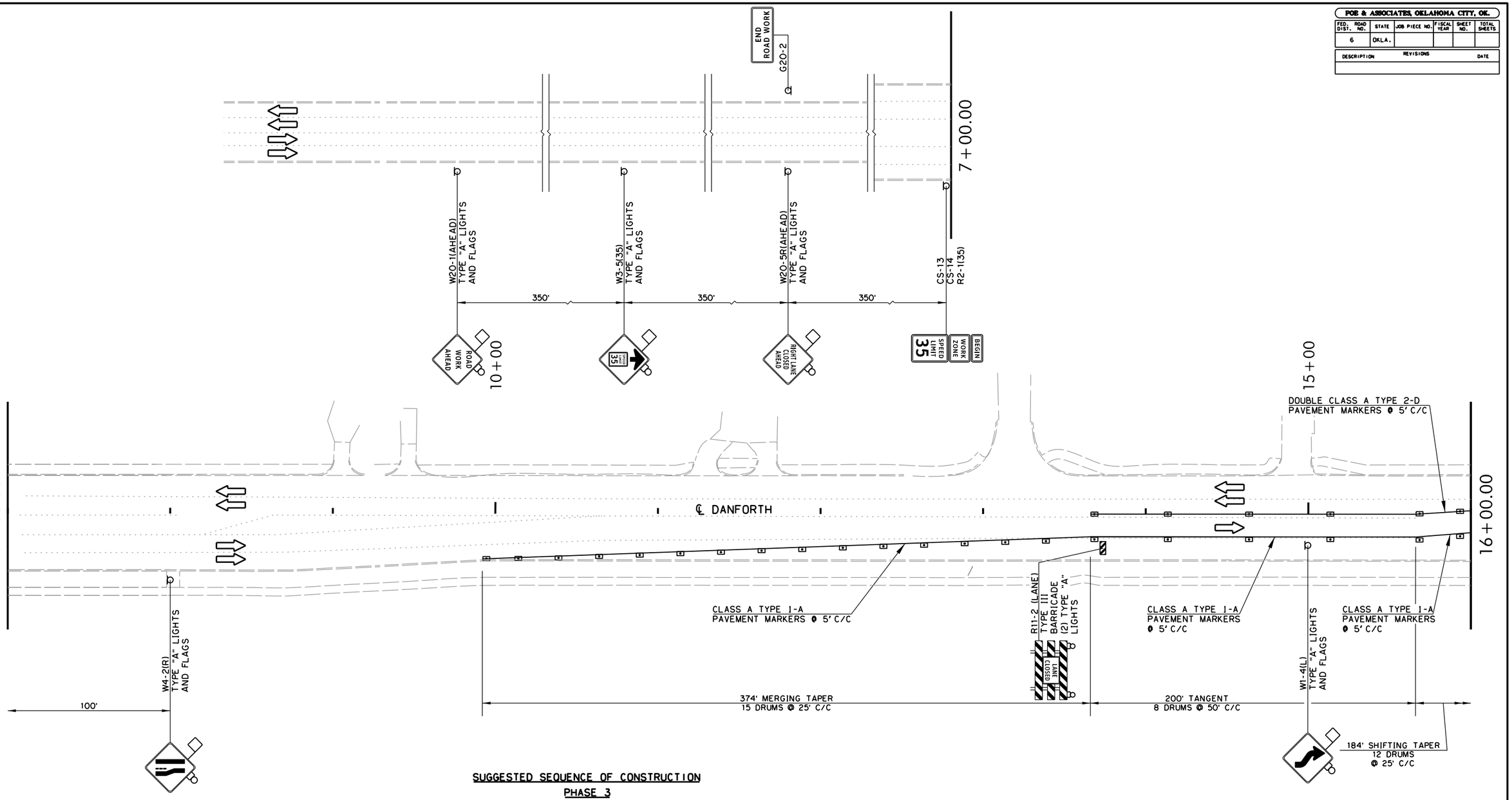
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



SUGGESTED SEQUENCE OF CONSTRUCTION
PHASE 3

1. INSTALL/RELOCATE TEMPORARY SIGNING AND TRAFFIC CONTROL.
2. SHIFT EASTBOUND AND WESTBOUND TRAFFIC ON DANFORTH ROAD TO NEWLY CONSTRUCTED PAVEMENT AS SHOWN.
3. SHIFT NORTHBOUND AND SOUTHBOUND TRAFFIC ON KELLY AVENUE TO EXISTING PAVEMENT AS SHOWN.
4. CONSTRUCT EASTBOUND INSIDE AND OUTSIDE LANES OF DANFORTH ROAD FROM STA. 30+00.00 TO STA. 43+00.00. AS SHOWN ON PLANS.
5. CONSTRUCT NORTHBOUND INSIDE AND OUTSIDE DRIVING LANE OF KELLY AVENUE FROM STA. 92+55.00 TO STA. 109+66.19 AS SHOWN ON PLANS.

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 3
(SHEET 1 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T026

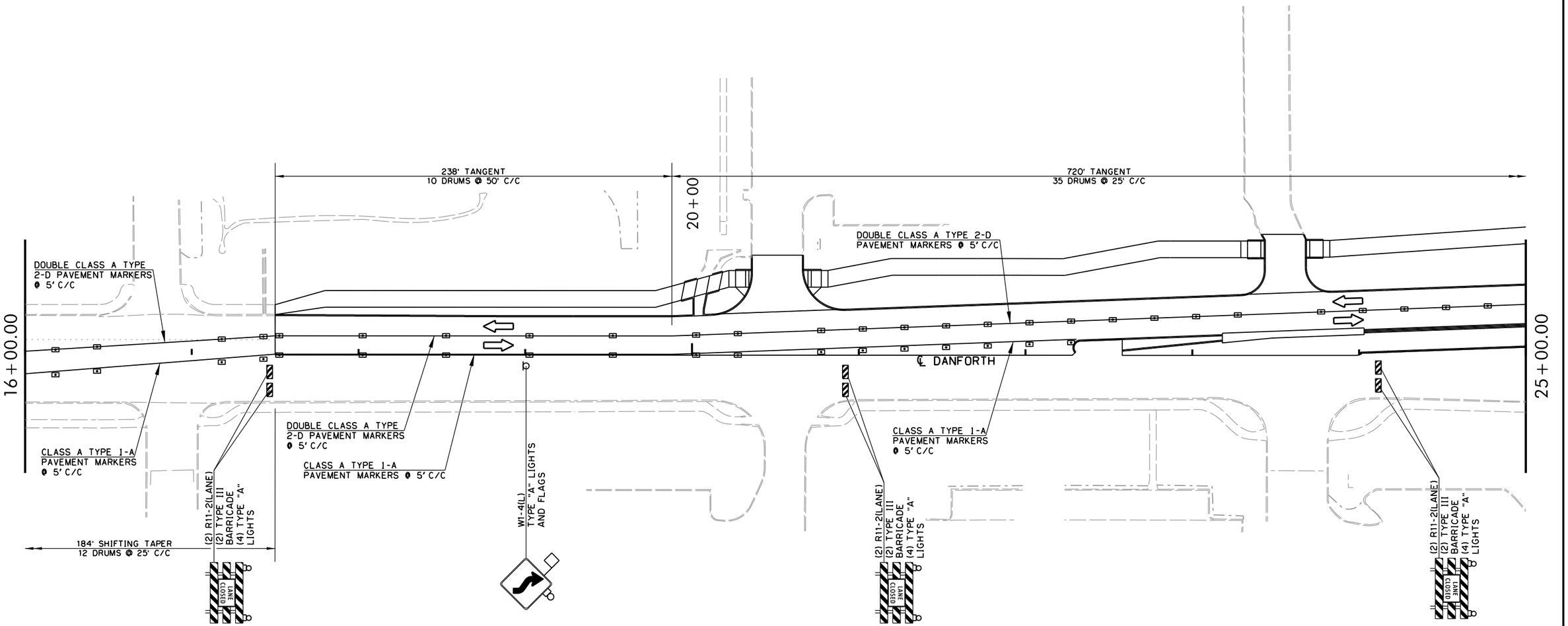
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 3
(SHEET 2 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T027

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

112+00.00
(PHASE 3 SHEET 8 OF 9)

720' TANGENT
35 DRUMS @ 25' C/C

204' TANGENT
4 DRUMS @ 50' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

215' TANGENT
10 DRUMS
@ 50' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

30+00

CLASS A TYPE 2-D
PAVEMENT MARKERS
@ 5' C/C

100' TAPER
4 DRUMS
@ 25' C/C

R11-2(LANE)
(2) TYPE III
BARRICADE
(4) TYPE "A"
LIGHTS

W1-6R
(1) TYPE III
BARRICADE
(1) TYPE "A"
LIGHTS

R9-9
SIDEWALK CLOSED

R11-2(LANE)
TYPE III
BARRICADE
(2) TYPE "A"
LIGHTS

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

213' TANGENT
11 DRUMS
@ 50' C/C

R11-2 (LANE)
TYPE III
BARRICADE
(2) TYPE "A"
LIGHTS

720' TANGENT
52 DRUMS @ 50' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

TEMP DOT
WHITE LINE
TAPE

24" WHITE
STOP LINE
PLASTIC

4 DRUMS
@ 20' C/C

24" WHITE
STOP LINE
PLASTIC

25+00.00

℄ DANFORTH

110+00

DOUBLE CLASS A TYPE
2-D PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS
@ 5' C/C

34+00.00

(2) R11-2(LANE)
(4) TYPE III
BARRICADE
(8) TYPE "A"
LIGHTS

(2) R11-2(LANE)
(4) TYPE III
BARRICADE
(8) TYPE "A"
LIGHTS

(2) R11-2(LANE)
(6) TYPE III
BARRICADE
(12) TYPE "A"
LIGHTS

R9-9
SIDEWALK CLOSED

306' TANGENT
12 DRUMS @ 50' C/C

DOUBLE CLASS A TYPE
2-D PAVEMENT MARKERS
@ 5' C/C

℄ KELLY AVE.

24" WHITE
STOP LINE

CLASS A TYPE 1-A
PAVEMENT MARKERS
@ 5' C/C

R11-2(LANE)
(3) TYPE III
BARRICADE
(6) TYPE "A"
LIGHTS

W1-4(R)
TYPE "A" LIGHTS
AND FLAGS

(2) R11-2 (LANE)
(2) TYPE III
BARRICADE
(4) TYPE "A"
LIGHTS

(4) R11-2(LANE)
(4) TYPE III
BARRICADE
(8) TYPE "A"
LIGHTS

(4) R11-2(LANE)
(4) TYPE III
BARRICADE
(8) TYPE "A"
LIGHTS

108+00.00
(PHASE 3 SHEET 7 OF 9)

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

30 0 30 60
SCALE

CONTRACTOR SHALL COORDINATE PHASING WITH THE CITY OF EDMOND ENGINEERING-TRAFFIC DIVISION FOR THE SIGNALIZATION OF THE INTERSECTION.

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 3
(SHEET 3 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T028

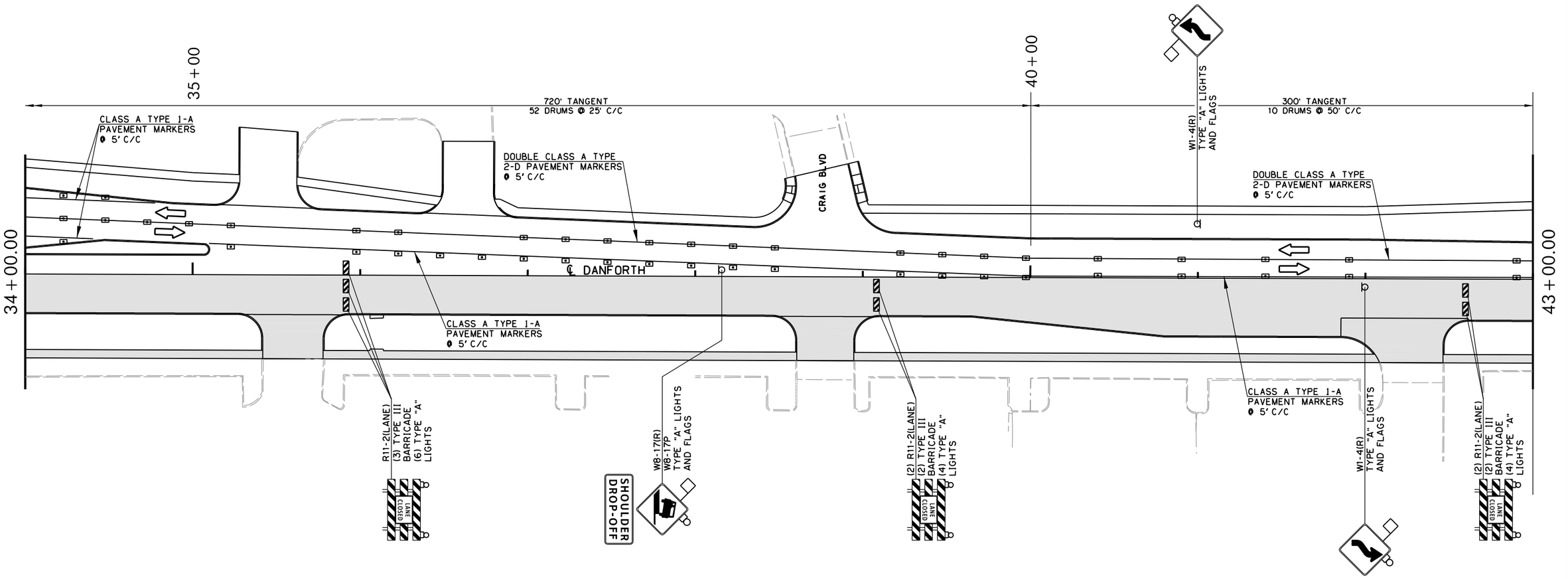
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 3
(SHEET 4 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T029

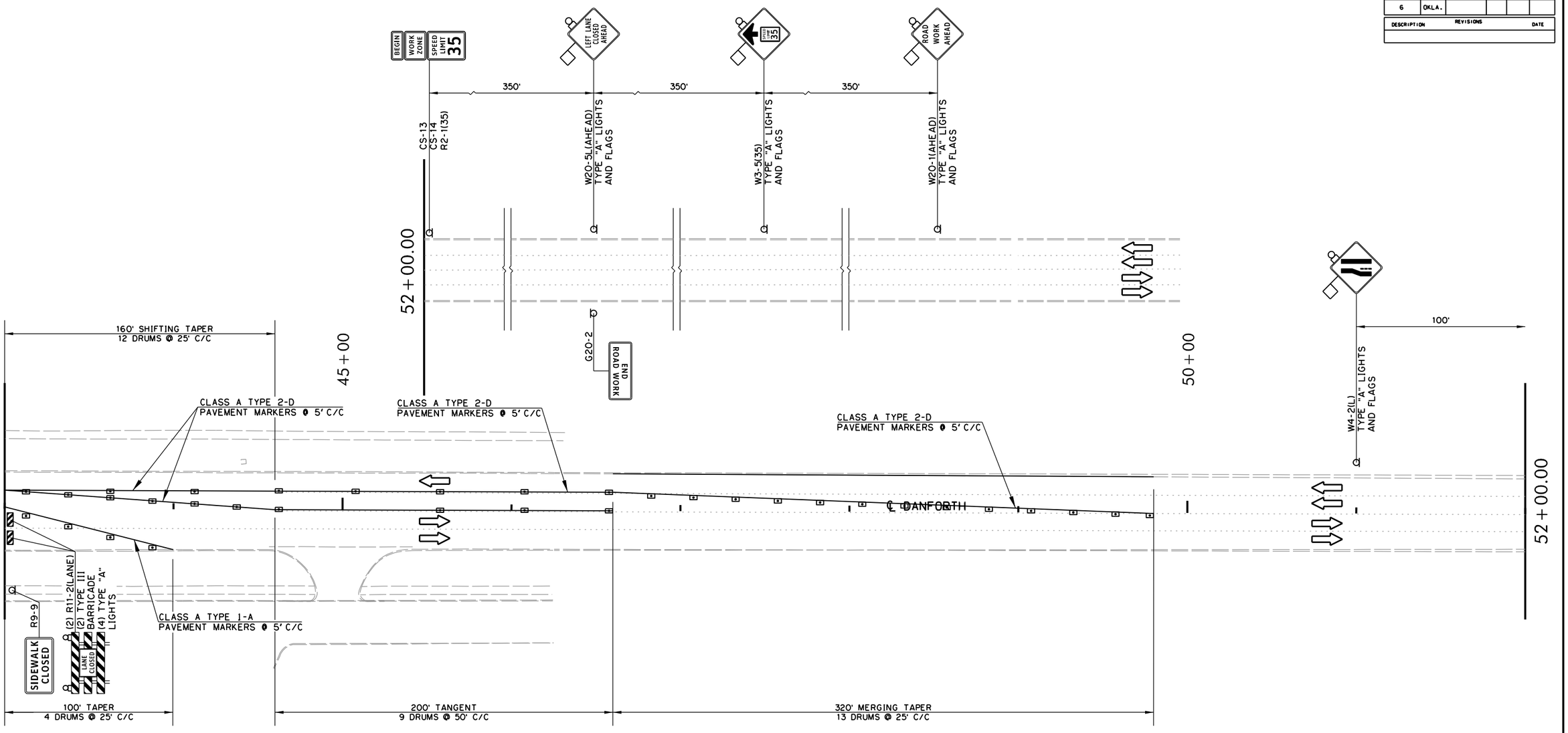
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 3
(SHEET 5 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T030

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

END ROAD WORK
G20-2

85+0

90+0

DOUBLE CLASS A TYPE 2-D PAVEMENT MARKERS @ 5' C/C

90+50.00

W20-1(AHEAD) TYPE "A" LIGHTS AND FLAGS
W3-5(35) TYPE "A" LIGHTS AND FLAGS
W20-5R(AHEAD) TYPE "A" LIGHTS AND FLAGS
CS-13 CS-14 R2-1(35)
W4-2(R) TYPE "A" LIGHTS AND FLAGS

350' 350' 350' 100'

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

R11-2 (LANE) TYPE III BARRICADE (2) TYPE "A" LIGHTS

HOLLY HILL RD

CLASS
PAVEM
@ 5' C.

90+50.00

W1-4(L) TYPE "A" LIGHTS AND FLAGS

95+00

294' MERGING TAPER
12 DRUMS @ 25' C/C

150' TANGENT
4 DRUMS
@ 50' C/C

ROAD WORK AHEAD
SPEED LIMIT 35
WORK ZONE
BEGIN
RIGHT LANE CLOSED AHEAD

DOUBLE CLASS A TYPE 2-D PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A PAVEMENT MARKERS @ 5' C/C

℄ KELLY AVE.

99+00.00

A TYPE 1-A
NT MARKERS
C

(2) R11-2 (LANE) (2) TYPE III BARRICADE (4) TYPE "A" LIGHTS

R9-9 SIDEWALK CLOSED

147' SHIFTING TAPER
12 DRUMS @ 25' C/C

1,228' TANGENT
51 DRUMS @ 50' C/C

(2) R11-2 (LANE) (2) TYPE III BARRICADE (4) TYPE "A" LIGHTS

HAWTHORNE LN

(2) R11-2 (LANE) (2) TYPE III BARRICADE (4) TYPE "A" LIGHTS

150' TANGENT
4 DRUMS
@ 50' C/C

W8-17(R) W8-17P TYPE "A" LIGHTS AND FLAGS

SHOULDER DROP-OFF

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 3
(SHEET 6 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T031

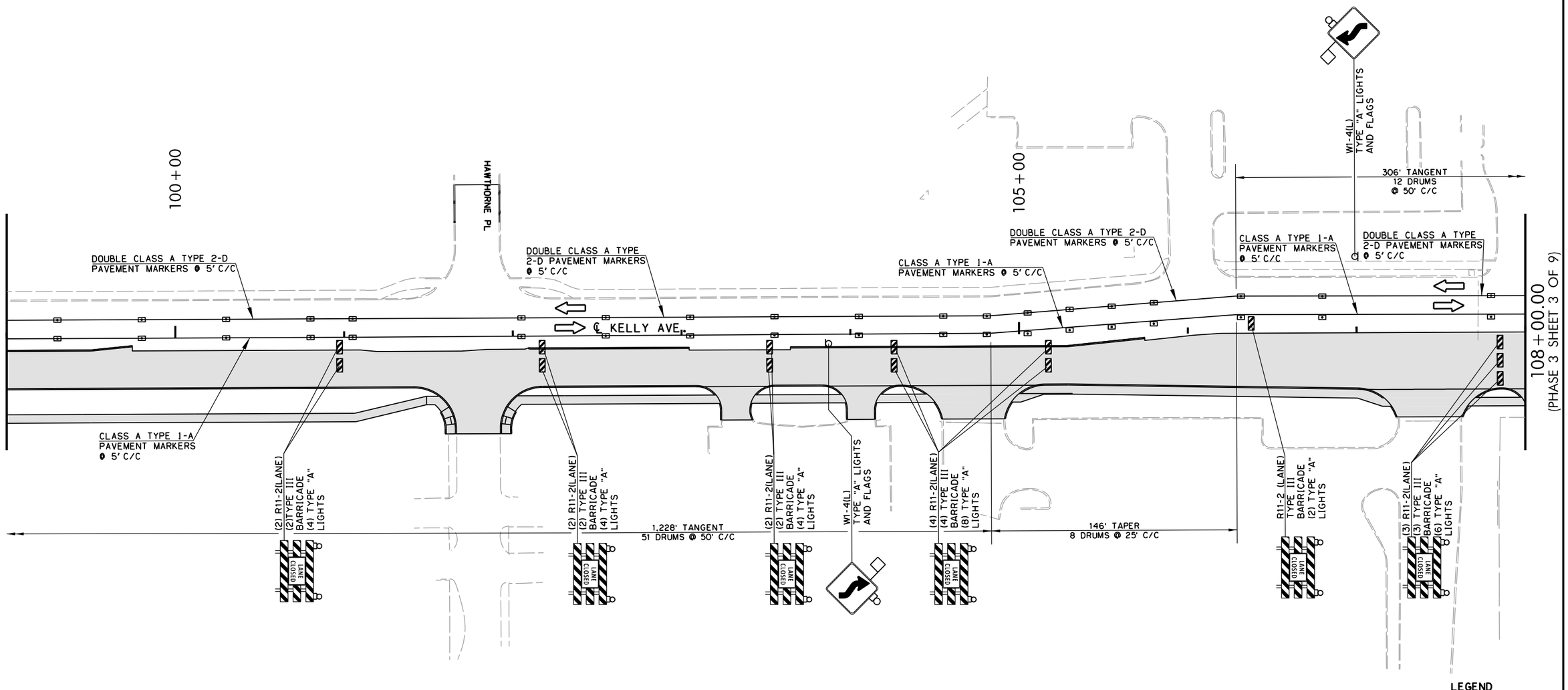
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 3
(SHEET 7 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T032

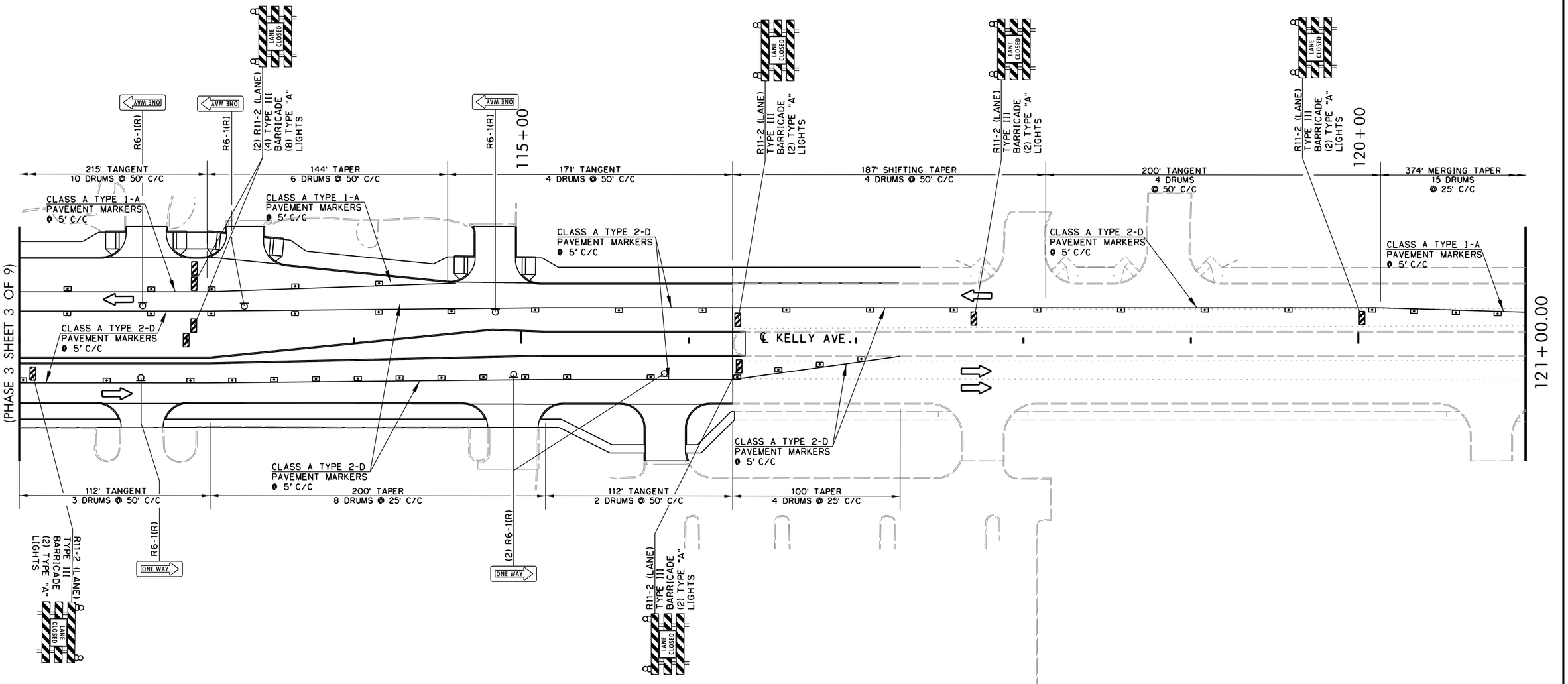
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT. EXCEPT STOP BARS. SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN. SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 3
(SHEET 8 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T033

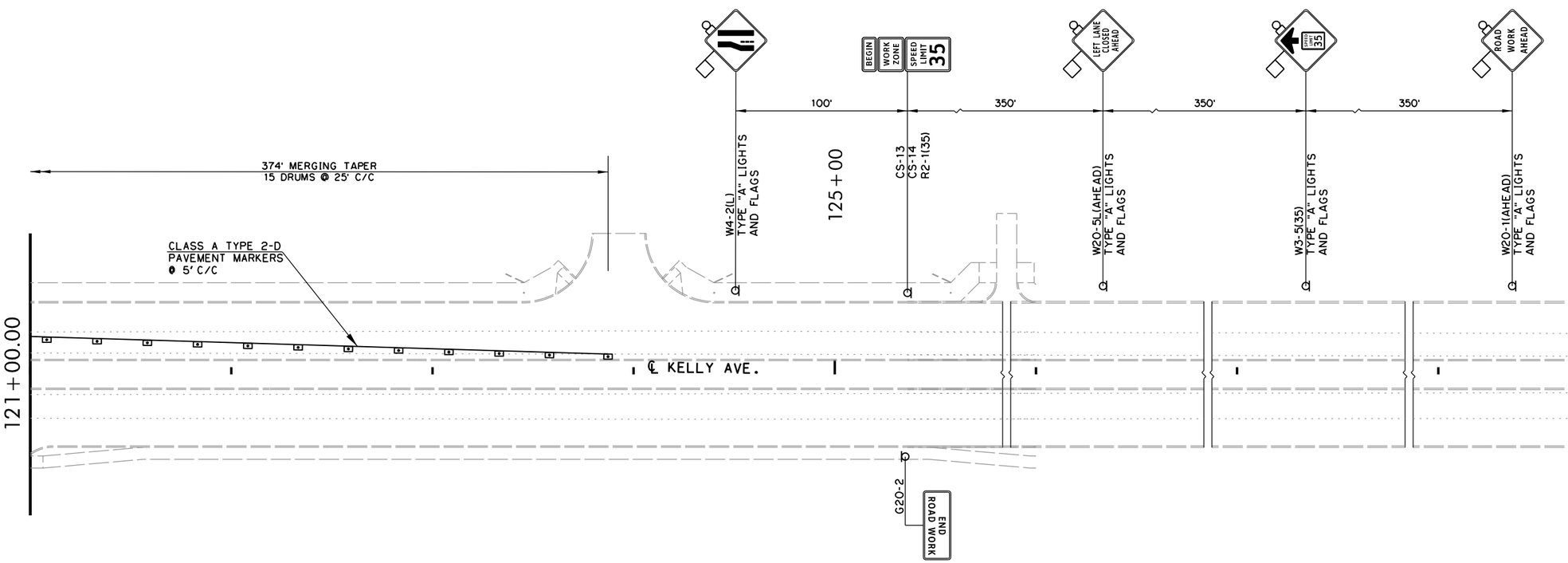
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

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CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 3
(SHEET 9 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T034

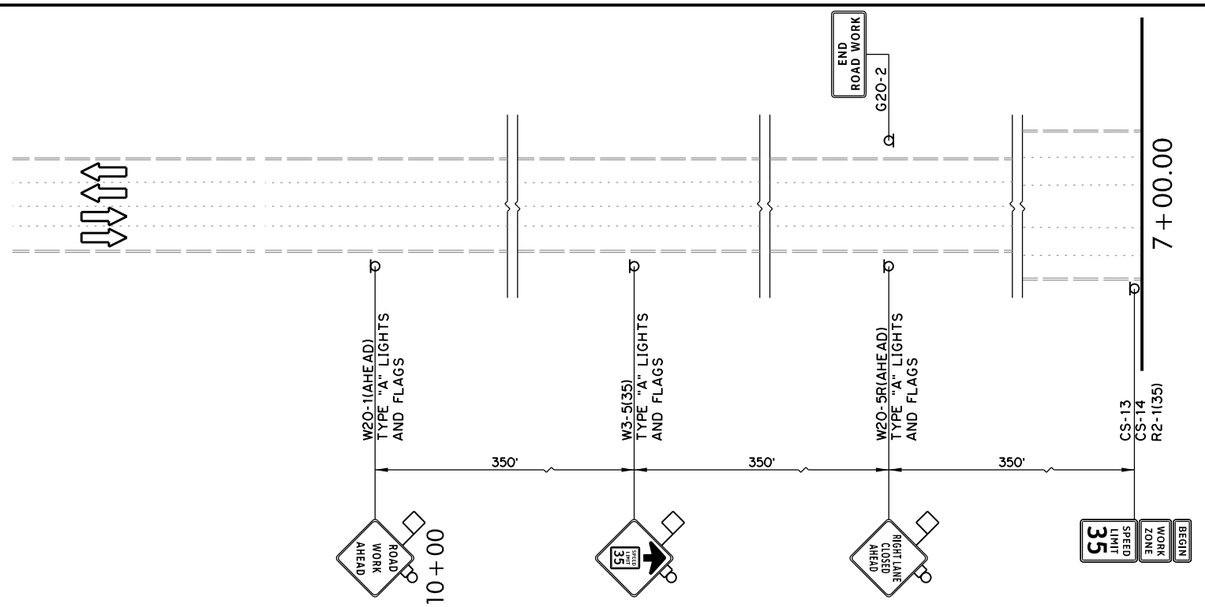
OKLAHOMA COUNTY

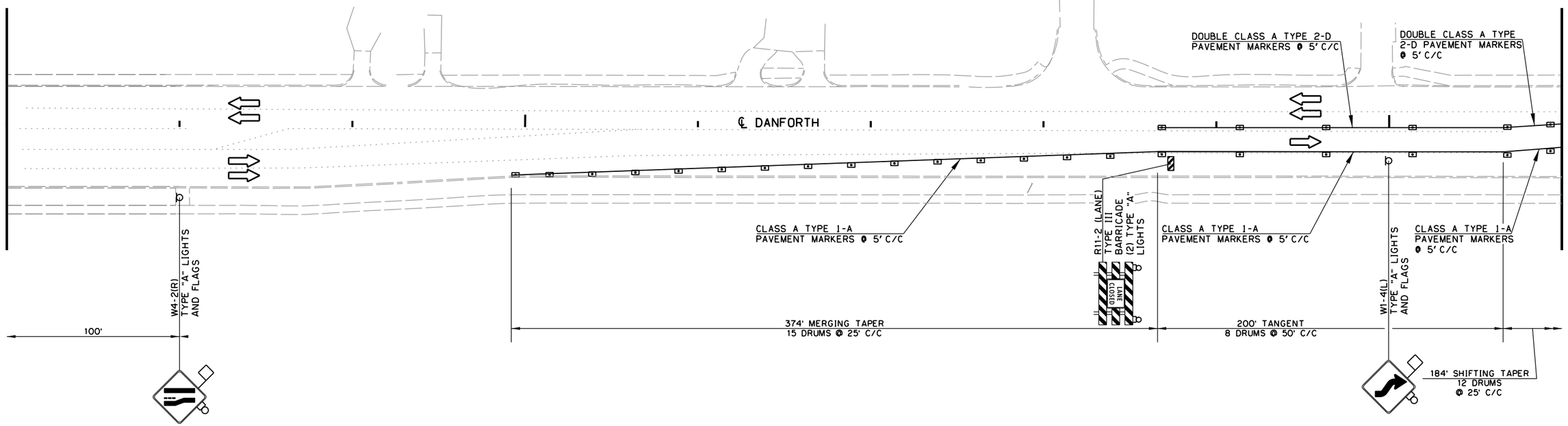
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE





SUGGESTED SEQUENCE OF CONSTRUCTION
PHASE 4

1. INSTALL/RELOCATE TEMPORARY SIGNING AND TRAFFIC CONTROL.
2. SHIFT NORTHBOUND AND SOUTHBOUND TRAFFIC ON KELLY AVENUE TO NEWLY CONSTRUCTED PAVEMENT AS SHOWN.
3. CONSTRUCT EASTBOUND INSIDE AND OUTSIDE LANES OF DANFORTH ROAD FROM STA. 17+50.00 TO STA. 30+00.00. AS SHOWN ON PLANS.
4. CONSTRUCT SOUTHBOUND INSIDE AND OUTSIDE DRIVING LANE AND MEDIAN OF KELLY AVENUE FROM STA. 92+55.00 TO STA. 105+74.00 AND 106+34.00 TO STA. 107+64.86 AS SHOWN ON PLANS.

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

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CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 4
(SHEET 1 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T035

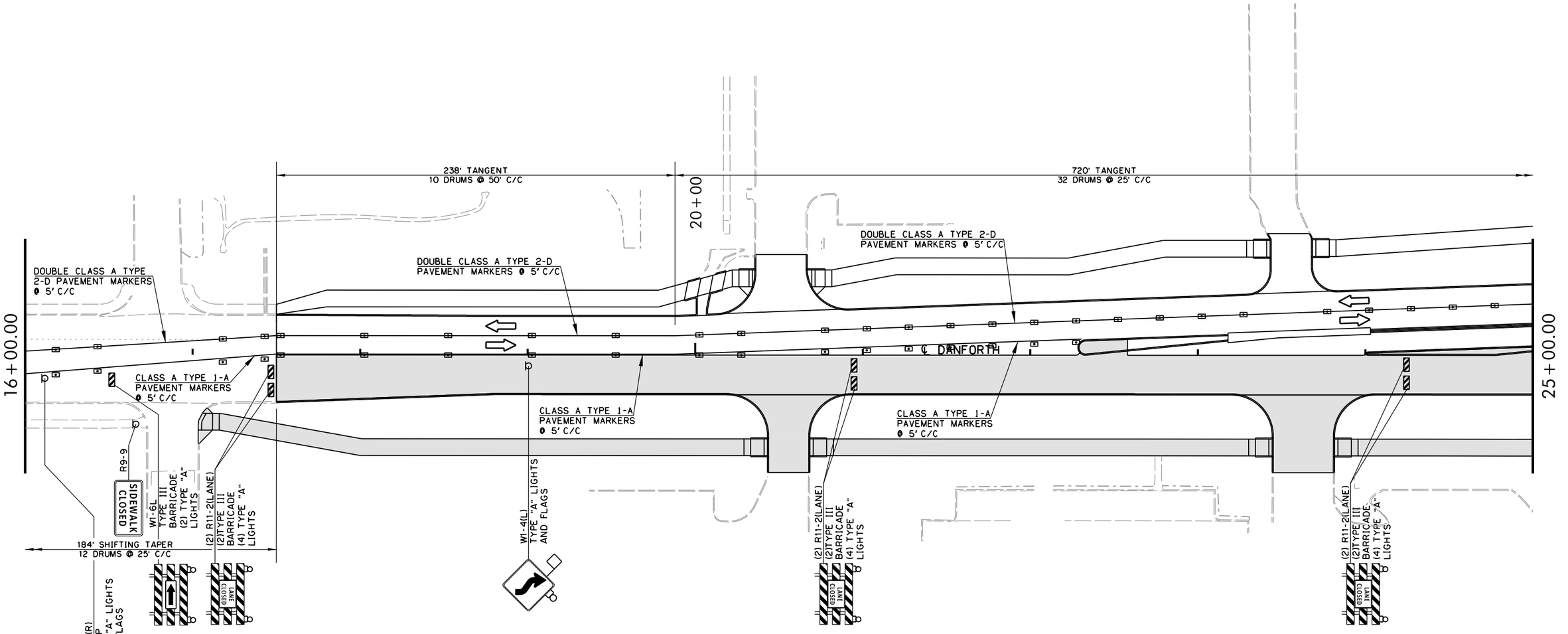
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

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CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 4
(SHEET 2 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T036

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

112 + 00.00
(PHASE 4 SHEET 8 OF 9)

25 + 00.00

34 + 00.00

720' TANGENT
32 DRUMS @ 25' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

204' TANGENT
5 DRUMS @ 50' C/C

(2)R11-2(LANE)
(6)TYPE III
BARRICADE
(12) TYPE "A"
LIGHTS

155' TANGENT
7 DRUMS
@ 50' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS
@ 5' C/C

30 + 00

CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

100' TAPER
4 DRUMS
@ 25' C/C

R11-2(LANE)
TYPE III
BARRICADE
(2) TYPE "A"
LIGHTS

DOUBLE CLASS A TYPE
2-D PAVEMENT MARKERS
@ 5' C/C

213' TANGENT
15 DRUMS
@ 50' C/C

(2) R11-2 (LANE)
(2)TYPE III
BARRICADE
(4) TYPE "A"
LIGHTS

720' TAPER
52 DRUMS @ 50' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

SIDEWALK CLOSED R9-9

24" WHITE STOP
LINE PAINT

24" WHITE
STOP LINE
PLASTIC

TEMP DOT
WHITE LINE
TAPE

7 DRUMS
@ 20' C/C

24" WHITE
STOP LINE
PLASTIC

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

℄ DANFORTH 110 + 00

4 DRUMS
@ 10' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS
@ 5' C/C

(2) R11-2
(2)TYPE III
BARRICADE
(4) TYPE "A"
LIGHTS

ROAD CLOSED

(2) R11-2(LANE)
(5)TYPE III
BARRICADE
(10) TYPE "A"
LIGHTS

LANE CLOSED

R11-2(LANE)
(3)TYPE III
BARRICADE
(6) TYPE "A"
LIGHTS

R11-2 (LANE)
TYPE III
BARRICADE
(2) TYPE "A"
LIGHTS

CLASS A TYPE 1-A
PAVEMENT MARKERS
@ 5' C/C

℄ KELLY AVE.

DOUBLE CLASS A TYPE
2-D PAVEMENT MARKERS
@ 5' C/C
1,545' TANGENT
57 DRUMS
@ 50' C/C

SIDEWALK CLOSED R9-9

(8)R11-2(LANE)
(8)TYPE III
BARRICADE
(16) TYPE "A"
LIGHTS

(6)R11-2(LANE)
(10)TYPE III
BARRICADE
(20) TYPE "A"
LIGHTS

W1-4(R)
TYPE "A" LIGHTS
AND FLAGS

(4)R11-2 (LANE)
(4)TYPE III
BARRICADE
(8) TYPE "A"
LIGHTS

108 + 00.00
(PHASE 4 SHEET 7 OF 9)

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

CONTRACTOR SHALL COORDINATE PHASING WITH THE CITY OF EDMOND ENGINEERING-TRAFFIC DIVISION FOR THE SIGNALIZATION OF THE INTERSECTION.

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CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 4
(SHEET 3 OF 9)

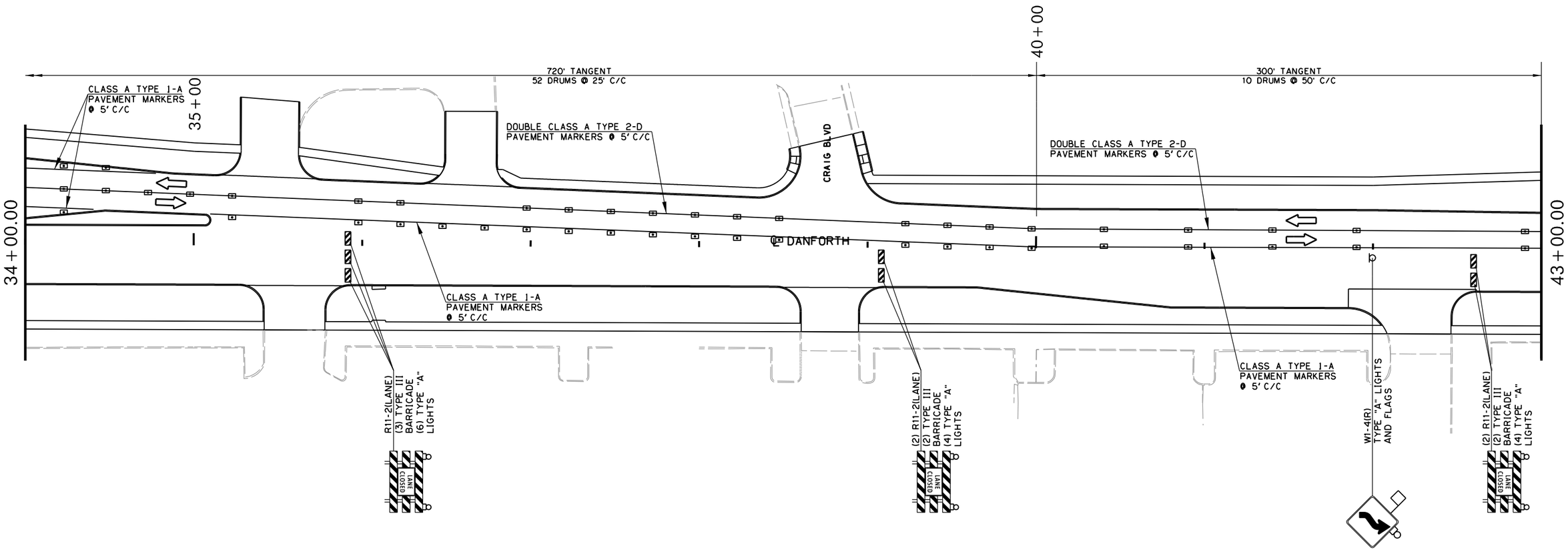
STATE JOB NO. 38090(04) SHEET NO. T037

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

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CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 4
(SHEET 4 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T038

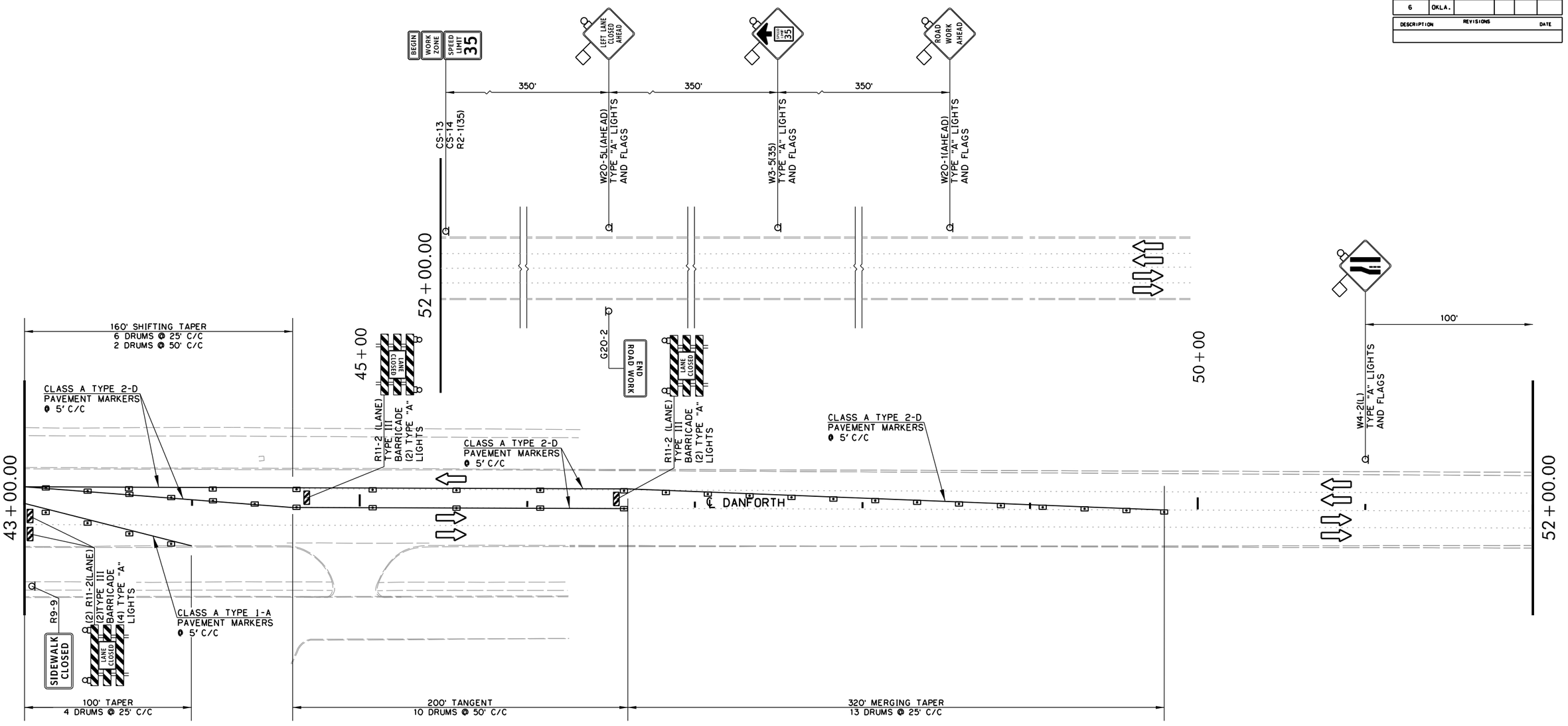
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



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30 0 30 60
SCALE

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 4
(SHEET 5 OF 9)

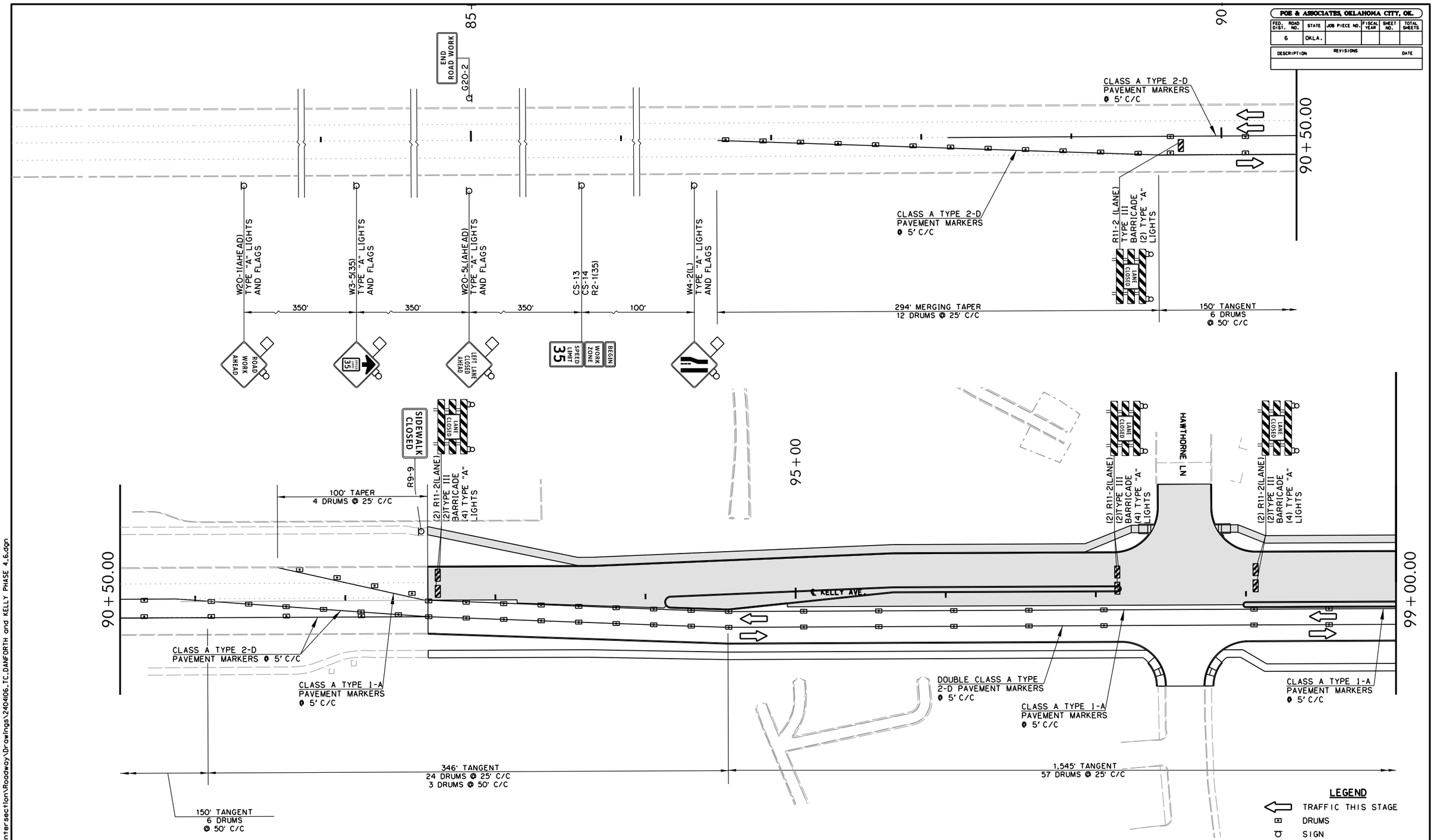
STATE JOB NO. 38090(04) SHEET NO. 1039

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.						
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN PHASE 4 (SHEET 6 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T040

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

99+00.00

100+00

105+00

108+00.00

(PHASE 4 SHEET 3 OF 9)

(2) R11-2(LANE) LANE CLOSED
(2)TYPE III BARRICADE
(4) TYPE "A" LIGHTS

(2) R11-2 ROAD CLOSED
(2)TYPE III BARRICADE
(4) TYPE "A" LIGHTS

HAWTHORNE PL

℄ KELLY AVE.

(2) R11-2(LANE) LANE CLOSED
(2)TYPE III BARRICADE
(4) TYPE "A" LIGHTS

SHOULDER DROP-OFF

W8-17(R)
W8-17P
TYPE "A" LIGHTS AND FLAGS

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A @ 5' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

DOUBLE CLASS A TYPE 2-D
PAVEMENT MARKERS @ 5' C/C

1,545' TANGENT
57 DRUMS @ 50' C/C

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 4
(SHEET 7 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T041

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

112+00.00
(PHASE 4 SHEET 3 OF 9)

115+00

120+00

121+00.00

155' TANGENT
7 DRUMS
@ 50' C/C

230' SHIFTING TAPER
16 DRUMS @ 25' C/C

530' TANGENT
11 DRUMS @ 50' C/C

374' MERGING TAPER
13 DRUMS
@ 25' C/C

112' TANGENT
3 DRUMS @ 50' C/C

200' TAPER
8 DRUMS @ 25' C/C

112' TANGENT
2 DRUMS @ 50' C/C

100' TAPER
4 DRUMS @ 25' C/C

R11-2 (LANE)
TYPE III
BARRICADE
(3) TYPE "A"
LIGHTS

R11-2 (LANE)
TYPE III
BARRICADE
(6) TYPE "A"
LIGHTS

W1-6L
TYPE III
BARRICADE
(2) TYPE "A"
LIGHTS

R11-2 (LANE)
TYPE III
BARRICADE
(2) TYPE "A"
LIGHTS

W1-4(L)
TYPE "A" LIGHTS
AND FLAGS

R11-2 (LANE)
TYPE III
BARRICADE
(2) TYPE "A"
LIGHTS

R11-2 (LANE)
TYPE III
BARRICADE
(2) TYPE "A"
LIGHTS

R3-2

R3-2

R3-2

CLASS A TYPE 1-A
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 1-A
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 2-D
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 2-D
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 2-D
PAVEMENT MARKERS
@ 5' C/C

℄ KELLY AVE.

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 4
(SHEET 8 OF 9)

STATE JOB NO. 38090(04) SHEET NO. 1042

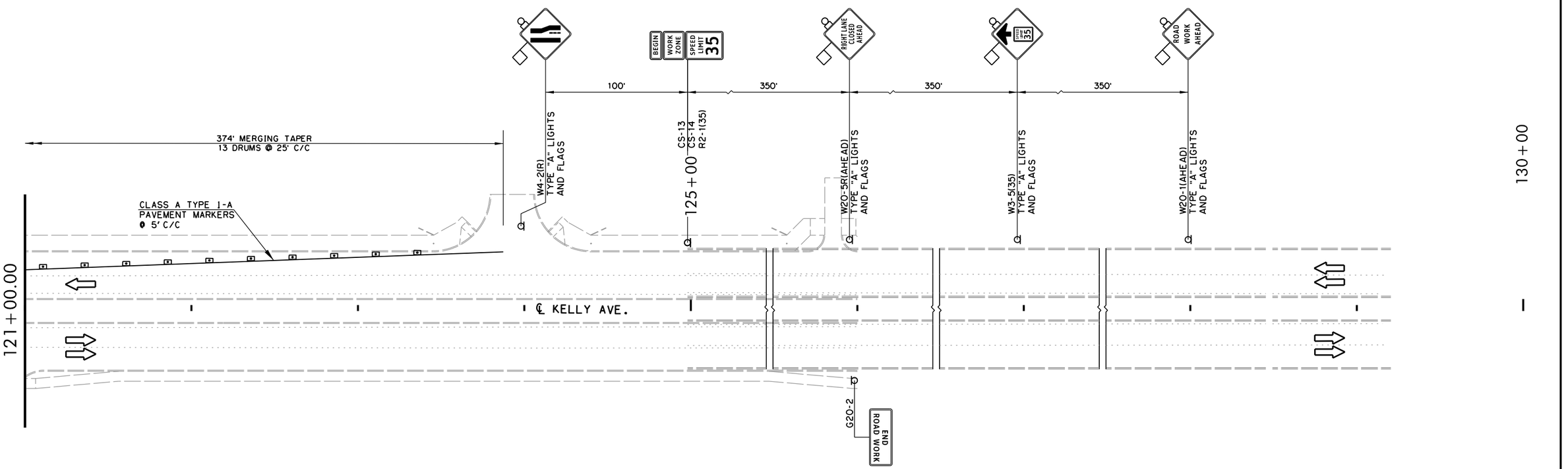
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 4
(SHEET 9 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T043

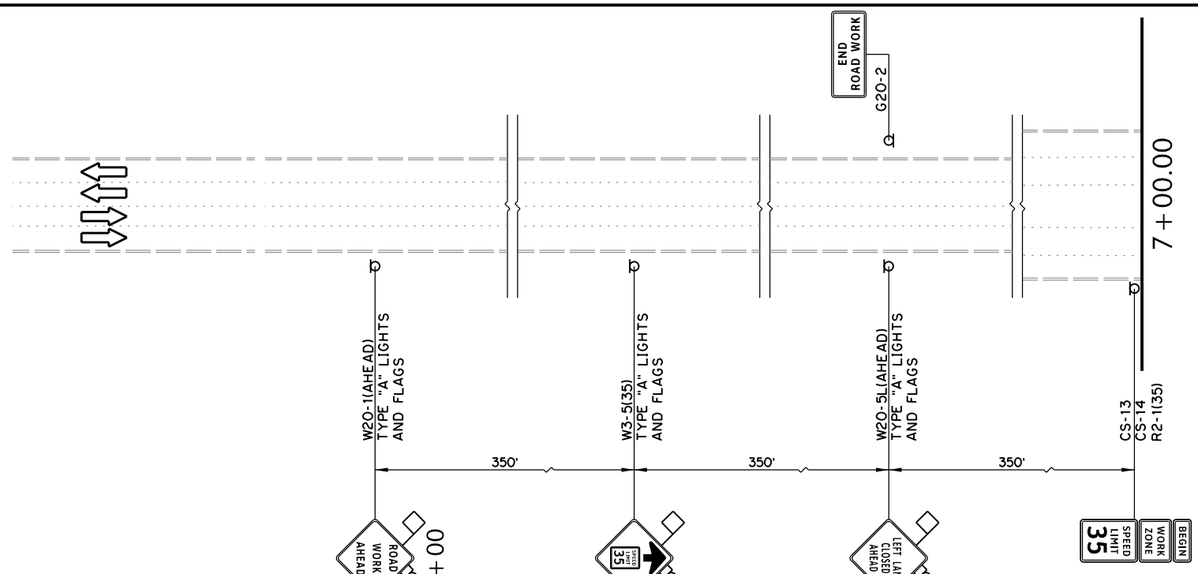
OKLAHOMA COUNTY

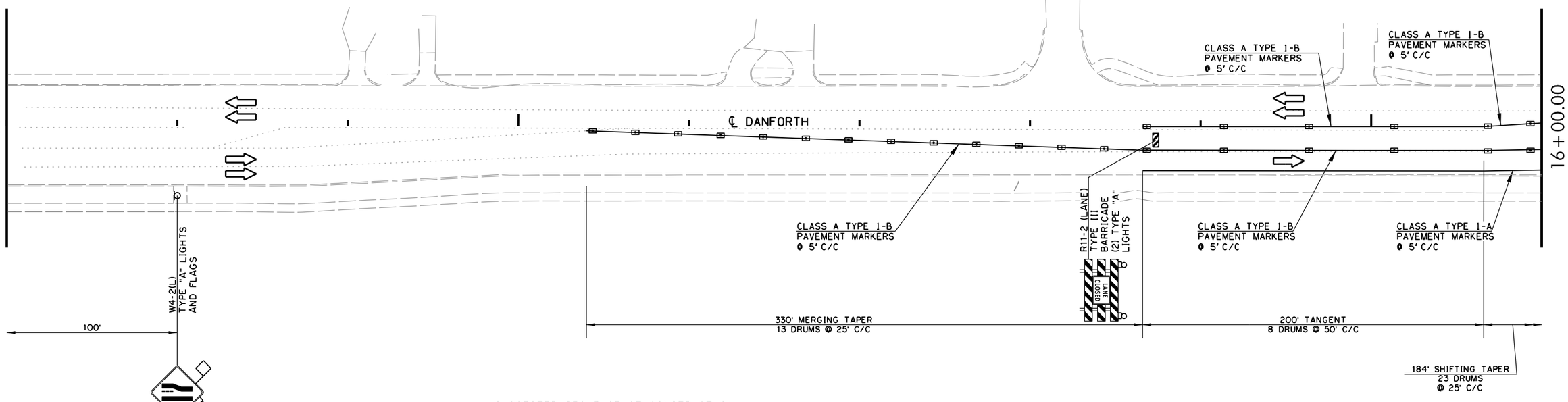
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE





SUGGESTED SEQUENCE OF CONSTRUCTION
PHASE 5

1. INSTALL/RELOCATE TEMPORARY SIGNING AND TRAFFIC CONTROL.
2. SHIFT EASTBOUND AND WESTBOUND TRAFFIC ON DANFORTH ROAD TO OUTSIDE LANES OF NEWLY CONSTRUCTED PAVEMENT AS SHOWN.
3. SHIFT NORTHBOUND AND SOUTHBOUND TRAFFIC ON KELLY AVENUE TO OUTSIDE LANES OF NEWLY CONSTRUCTED PAVEMENT AS SHOWN.
4. CONSTRUCT MEDIANS OF DANFORTH ROAD FROM STA. 22+29.00 TO STA. 22+58.00, STA. 23+18.00 TO STA. 24+03.00, STA. 25+12.00 TO STA. 25+78.00, STA. 26+48.00 TO STA. 28+09.00, AND STA. 30+69.00 TO STA. 32+33.00. AS SHOWN ON PLANS.
5. CONSTRUCT MEDIAN OF KELLY AVENUE FROM STA. 105+74.00 TO STA. 106+34.00. AND STA. 107+64.86 TO 109+15.00 AS SHOWN ON PLANS.

ALL CONSTRUCTION STRIPING ON THIS PROJECT. EXCEPT STOP BARS. SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN. SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 5
(SHEET 1 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T044

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST.	ROAD NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6		OKLA.				

REVISIONS	
DESCRIPTION	DATE

16+00.00

25+00.00

20+00

238' TANGENT
5 DRUMS @ 50' C/C

720' TANGENT
21 DRUMS @ 25' C/C

184' SHIFTING TAPER
23 DRUMS @ 25' C/C

1159' TANGENT
22 DRUMS @ 50' C/C

℄ DANFORTH

CLASS A TYPE I-B
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE I-A
PAVEMENT MARKERS
@ 5' C/C

R11-2 (LANE)
TYPE III
BARRICADE
(2) TYPE "A"
LIGHTS

LANE CLOSED

R3-2

W1-6L
TYPE III
BARRICADE
(2) TYPE "A"
LIGHTS

(3) R11-2
(3)TYPE III
BARRICADE
(6) TYPE "A"
LIGHTS

ROAD CLOSED

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 5
(SHEET 2 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T045

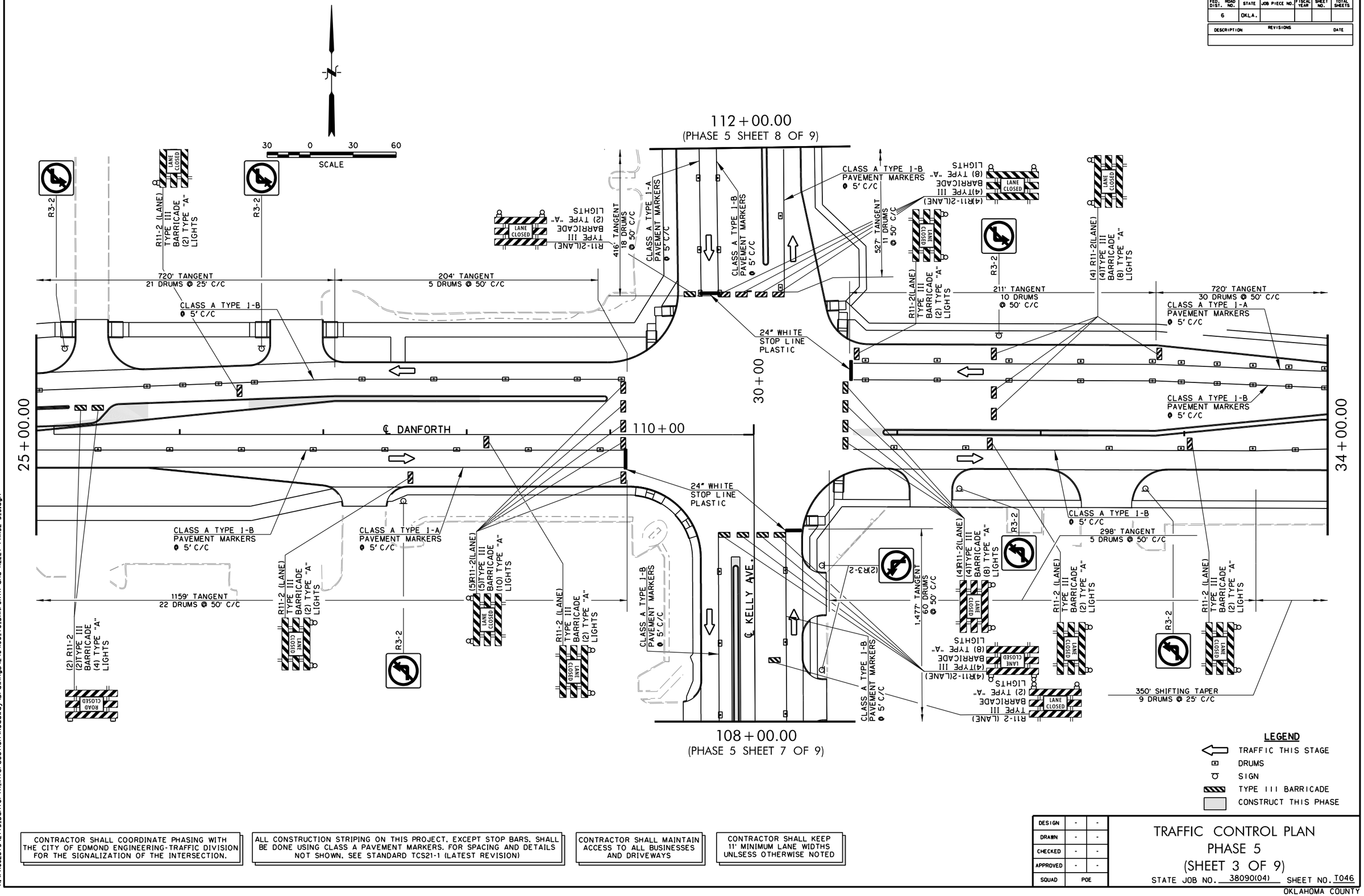
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

CONTRACTOR SHALL COORDINATE PHASING WITH THE CITY OF EDMOND ENGINEERING-TRAFFIC DIVISION FOR THE SIGNALIZATION OF THE INTERSECTION.

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 5
(SHEET 3 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T046

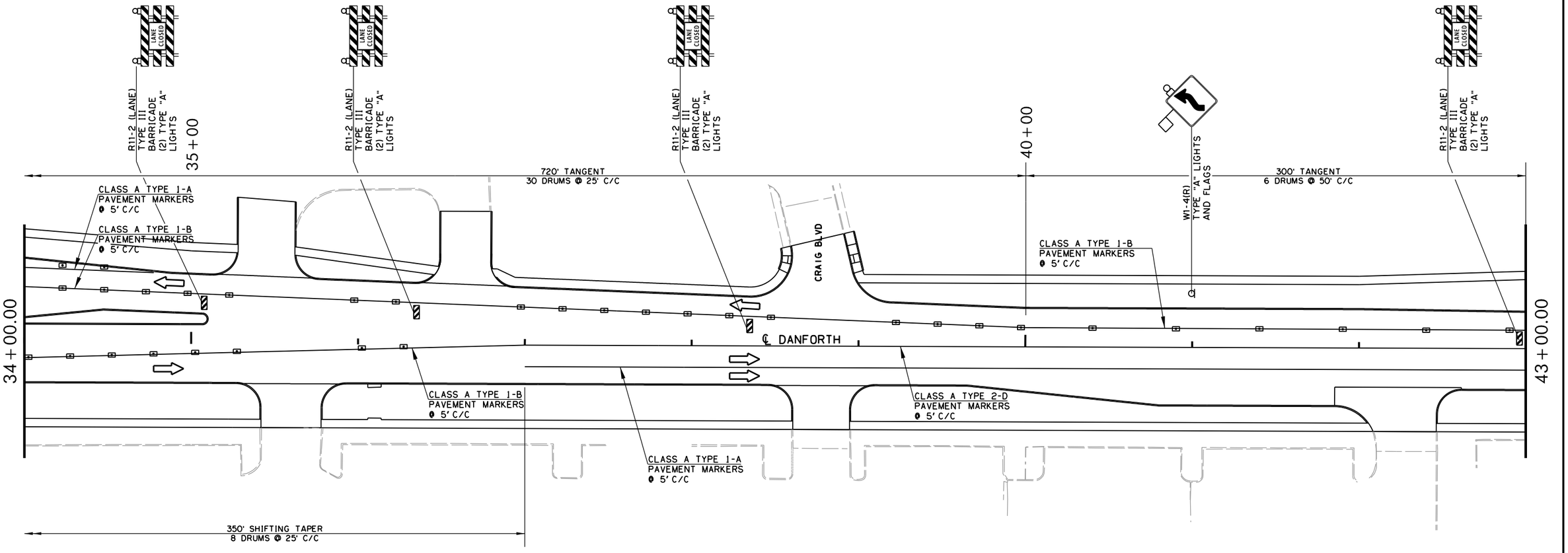
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



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CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 5
(SHEET 4 OF 9)

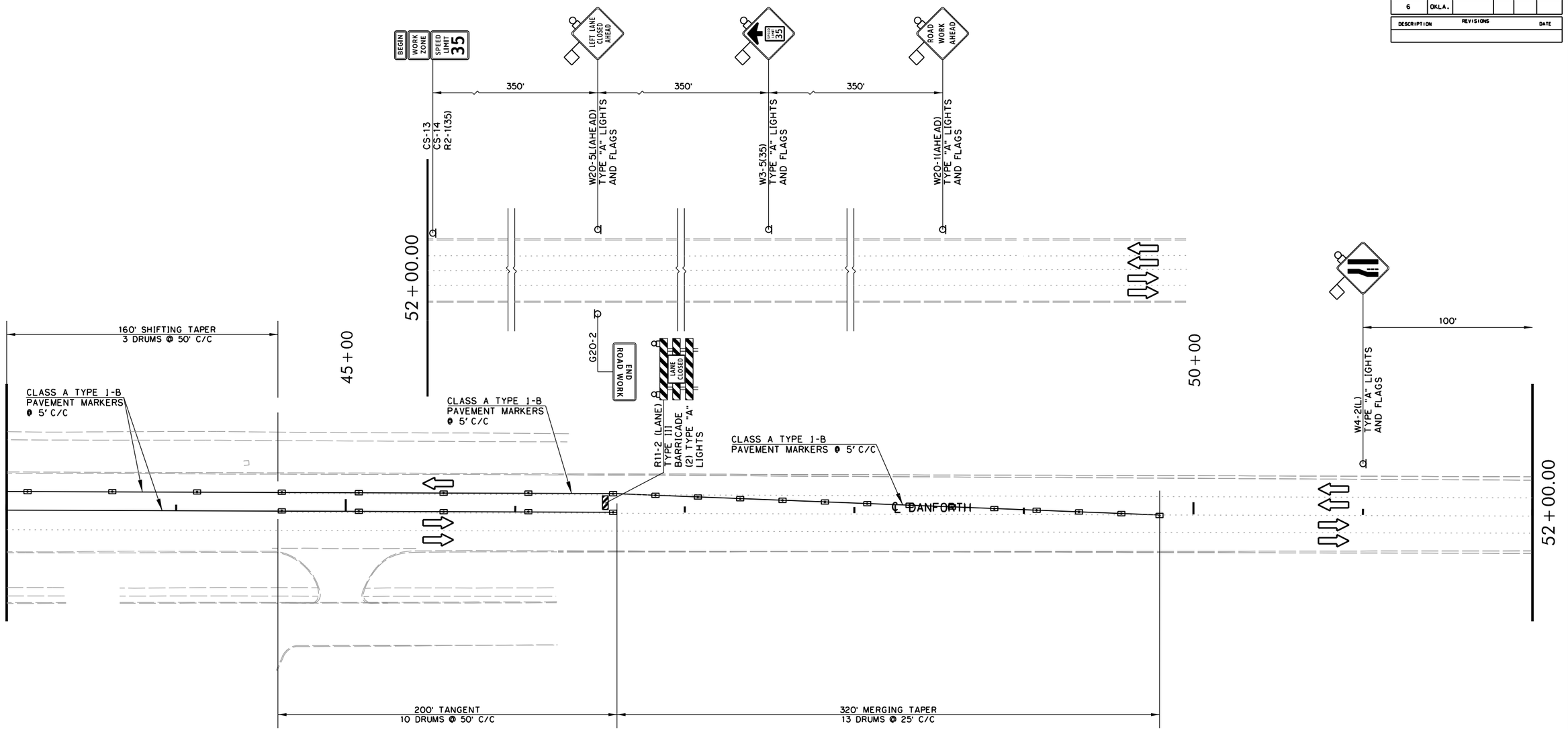
STATE JOB NO. 38090(04) SHEET NO. T047

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.						
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 5
(SHEET 5 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T048

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

END ROAD WORK
G20-2

W20-1(AHEAD) TYPE "A" LIGHTS AND FLAGS
W3-5(35) TYPE "A" LIGHTS AND FLAGS
W20-5L(AHEAD) TYPE "A" LIGHTS AND FLAGS
CS-13
CS-14
R2-1(35)
W4-2(L) TYPE "A" LIGHTS AND FLAGS

350' 350' 350' 100'

ROAD WORK AHEAD
35
LEFT LANE CLOSED AHEAD
SPEED LIMIT 35
WORK ZONE
BEGIN

85+

90+

90+50.00

CLASS A TYPE I-B PAVEMENT MARKERS @ 5' C/C

294' MERGING TAPER
12 DRUMS @ 25' C/C

R11-2 (LANE) TYPE III BARRICADE (2) TYPE "A" LIGHTS
LANE CLOSED

150' TANGENT
6 DRUMS
@ 50' C/C

95+00

R11-2 (LANE) TYPE III BARRICADE (2) TYPE "A" LIGHTS
LANE CLOSED

CLASS A TYPE I-B PAVEMENT MARKERS @ 5' C/C

100' TAPER
4 DRUMS @ 25' C/C

200' TANGENT
4 DRUMS @ 50' C/C

90+50.00

CLASS A TYPE I-B PAVEMENT MARKERS @ 5' C/C

℄ KELLY AVE

CLASS A TYPE I-B PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE I-B PAVEMENT MARKERS @ 5' C/C

CLASS A TYPE I-B PAVEMENT MARKERS @ 5' C/C

146' TANGENT
5 DRUMS @ 50' C/C

200' SHIFTING TAPER
8 DRUMS @ 25' C/C

1,477' TANGENT
60 DRUMS @ 25' C/C

HAWTHORNE LN

00.00+66

R11-2 (LANE) TYPE III BARRICADE (2) TYPE "A" LIGHTS
LANE CLOSED

150' TANGENT
6 DRUMS
@ 50' C/C

R11-2 (LANE) TYPE III BARRICADE (2) TYPE "A" LIGHTS
LANE CLOSED

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT. EXCEPT STOP BARS. SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN. SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 5
(SHEET 6 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T049

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

99+00.00

100+00

HAWTHORNE PL

℄ KELLY AVE.

105+00

108+00.00

(PHASE 5 SHEET 3 OF 9)

CLASS A TYPE 1-B
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 1-B
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 1-B
PAVEMENT MARKERS
@ 5' C/C

CLASS A TYPE 1-B
PAVEMENT MARKERS
@ 5' C/C

1,477' TANGENT
60 DRUMS @ 50' C/C

R11-2 (LANE) TYPE III BARRICADE (2) TYPE "A" LIGHTS
LANE CLOSED

R3-2

LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 5
(SHEET 7 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T050

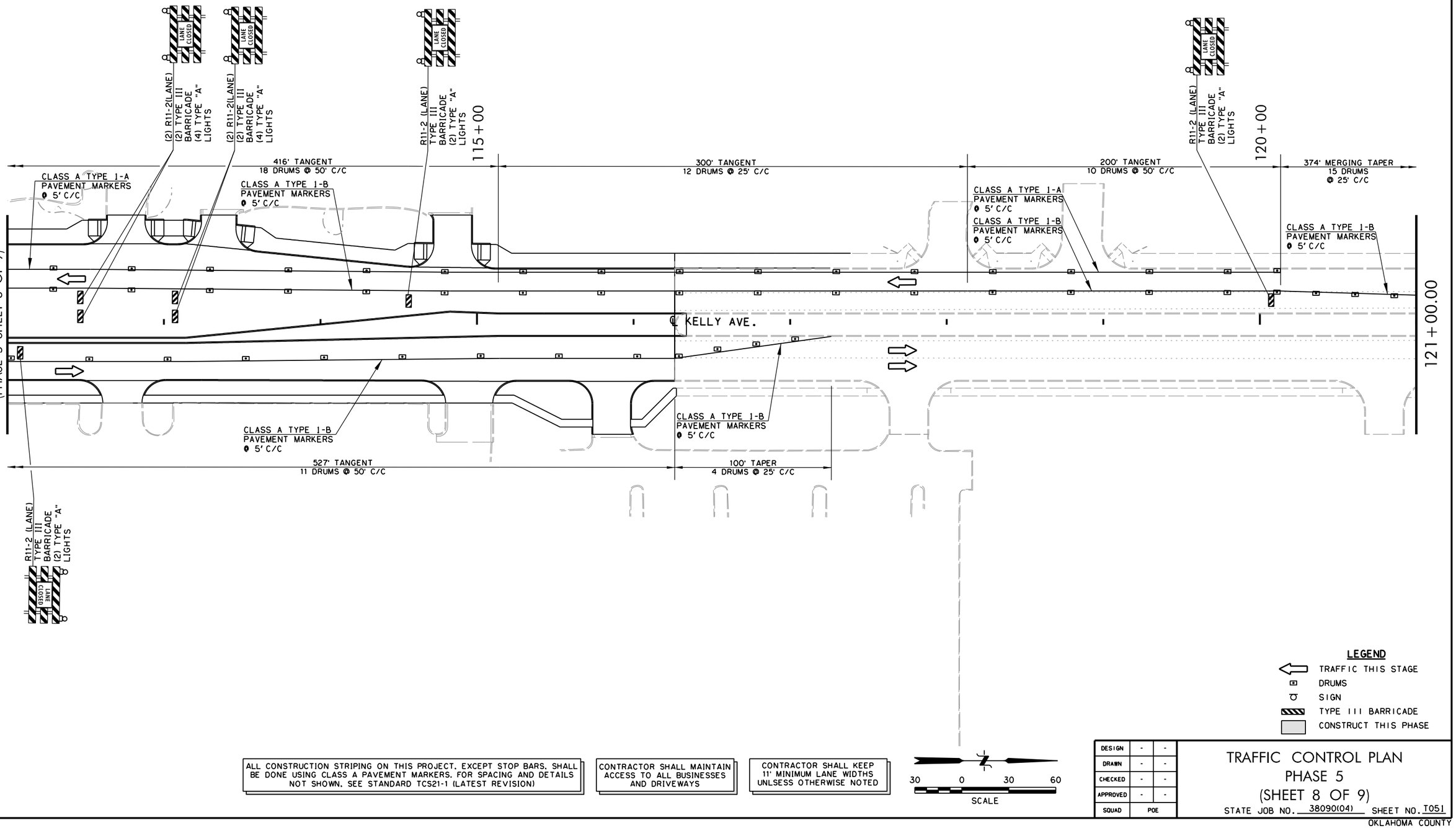
OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

DESIGN	-	-
DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 5
(SHEET 8 OF 9)

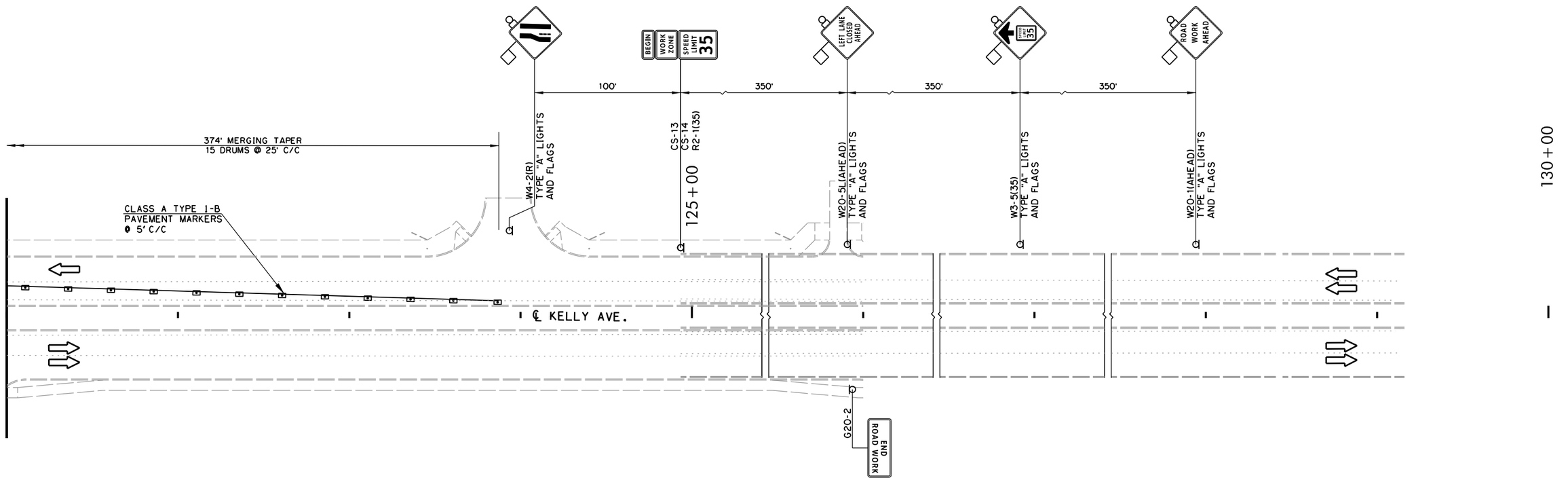
STATE JOB NO. 38090(04) SHEET NO. T051

OKLAHOMA COUNTY

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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE



LEGEND

- TRAFFIC THIS STAGE
- DRUMS
- SIGN
- TYPE III BARRICADE
- CONSTRUCT THIS PHASE

ALL CONSTRUCTION STRIPING ON THIS PROJECT, EXCEPT STOP BARS, SHALL BE DONE USING CLASS A PAVEMENT MARKERS. FOR SPACING AND DETAILS NOT SHOWN, SEE STANDARD TCS21-1 (LATEST REVISION)

CONTRACTOR SHALL MAINTAIN ACCESS TO ALL BUSINESSES AND DRIVEWAYS

CONTRACTOR SHALL KEEP 11' MINIMUM LANE WIDTHS UNLSESS OTHERWISE NOTED

30 0 30 60
SCALE

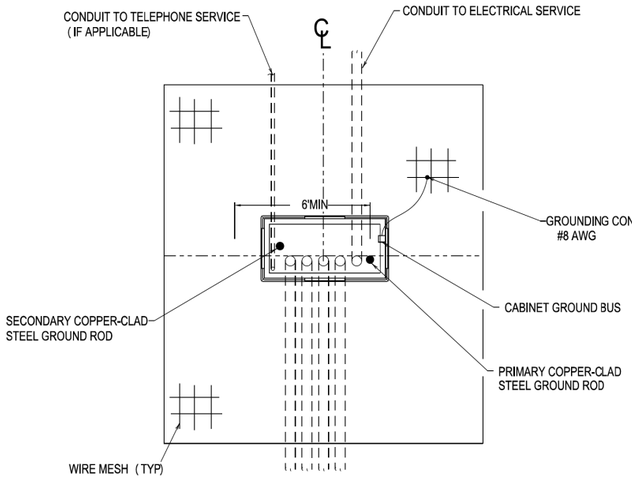
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DRAWN	-	-
CHECKED	-	-
APPROVED	-	-
SQUAD	POE	

TRAFFIC CONTROL PLAN
PHASE 5
(SHEET 9 OF 9)

STATE JOB NO. 38090(04) SHEET NO. T052

OKLAHOMA COUNTY

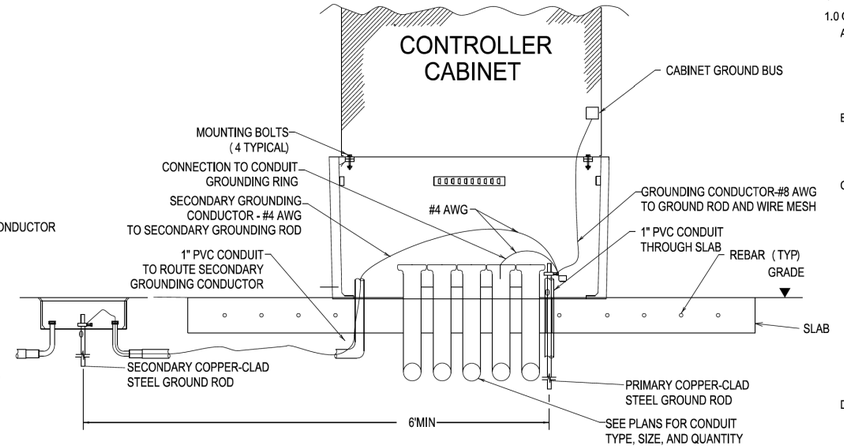
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GROUND MOUNTED CABINET - TOP VIEW

NEW INSTALLATIONS
(SLAB & BASE)

NOT TO SCALE



GROUND MOUNTED CABINET - SIDE VIEW

NEW INSTALLATIONS
(SLAB & BASE)

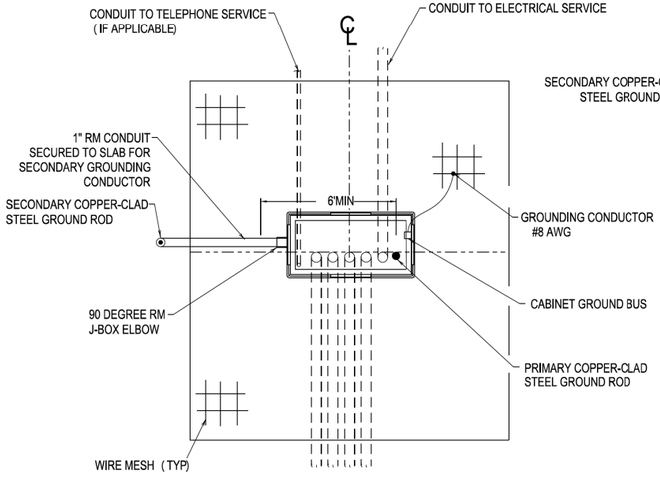
NOT TO SCALE

CABINET GROUNDING NOTES:

1.0 GROUNDING SYSTEM
- A. DESCRIPTION
  - 1. PROVIDE GROUND SYSTEM CONSISTING OF COPPER WIRES, GROUND RODS, AND CONCRETE-ENCASED GROUNDING ELECTRODES (UFERS) , OF THE CONFIGURATION TO MINIMIZED POTENTIAL GRADIENT IRREGULARITIES, DRAIN LEAKAGE, AND FAULT CURRENTS TO EARTH.
- B. PERFORMANCE
  - 1. PROVIDE A GROUNDING SYSTEM, CONSISTING OF A MINIMUM OF ONE GROUND ROD, HAVING A RESISTANCE NOT GREATER THAN 5 OHMS TO GROUND. ADDITIONAL GROUND RODS MAY BE ADDED TO THE SYSTEM TO ACHIEVE LESS THAN 5 OHMS RESISTANCE.
- C. DESIGN CRITERIA
  - 1. THE COMBINED GROUND RESISTANCE OF SEPARATE SYSTEMS BONDED TOGETHER BELOW GRADE MAY BE USED TO MEET THE SPECIFIED GROUND RESISTANCE, BUT THE MINIMUM NUMBER OF RODS INDICATED MUST STILL BE PROVIDED.
    - A. MEASURE THE RESISTANCE'S OF SYSTEMS REQUIRING SEPARATE GROUND RESISTANCE'S SEPARATELY BEFORE BONDING BELOW GRADE.
  - 2. ONLY PROVIDE UL-APPROVED MATERIALS LISTED FOR GROUNDING SYSTEMS.
  - 3. DO NOT COMBINE MATERIALS THAT CAN FORM AN ELECTROLYTIC COUPLE THAT WILL ACCELERATE CORROSION IN THE PRESENCE OF MOISTURE, UNLESS MOISTURE IS PERMANENTLY EXCLUDED FROM THE JUNCTION OF SUCH MATERIALS.
  - 4. PRODUCT DATA
    - A. SUBMIT PRODUCT DATA FOR THE MATERIALS AND PRODUCTS USED TO PERFORM THE WORK OF THIS SECTION.
- D. MATERIALS
  - 1. CONDUCTORS
    - A. BARE GROUND WIRE
      - 1) FOR NUMBER 8 OR LARGER BARE GROUND WIRE SIZES, PROVIDE SOFT DRAWN COPPER, CLASS A OR CLASS B, STRANDED WIRE MEETING THE REQUIREMENTS OF ASTM B 8.
  - 2. GROUND COMPRESSION CONNECTORS
    - A. PROVIDE MOLDS, THERMITE PACKAGES, AND OTHER MATERIAL FOR GROUND COMPRESSION CONNECTORS THAT ARE FULL-RATED TO CARRY 100 PERCENT OF THE CABLE RATING AND WHICH MEET IEEE 837.
      - 1) PROVIDE THE COMPRESSION MATERIALS FROM A SINGLE MANUFACTURER THROUGHOUT THE PROJECT.
    - B. PROVIDE THE ITEMS NECESSARY FOR CONNECTING CABLE TO GROUND RODS.
  - 3. GROUND RODS
    - A. PROVIDE COPPER-CLAD STEEL GROUND RODS CONFORMING TO THE REQUIREMENTS SPECIFIED IN UL 467.
      - 1) DIAMETER: 5/8 INCH
      - 2) LENGTH: 10 FEET.

2.0 INSTALLATION
- A. INSTALL GROUNDING COMPONENTS AND SYSTEMS IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN UL 467, IEEE 81, AND IEEE 142.
- B. SYSTEM GROUNDING
  - 1. GROUND RODS
    - A. DRIVE GROUND RODS INTO THE GROUND UNTIL THE TOPS OF THE RODS ARE APPROXIMATELY 18 INCHES BELOW FINISHED GRADE.
    - B. IF MULTIPLE GROUND RODS ARE NEEDED TO MEET THE MINIMUM RESISTANCE OF 5 OHMS, SPACE GROUND RODS AS EVENLY AS POSSIBLE, AT LEAST 6 FEET APART, AND SO CONDUCTORS WILL BE CONNECTED BELOW GRADE.
  - 2. CONDUCTORS
    - A. PROVIDE MINIMUM #8 GROUND WIRE.
    - B. USING SUITABLE FASTENERS, SECURELY ATTACH EXPOSED GROUND WIRES TO STRUCTURAL SUPPORTS AT NOT MORE THAN 2-FOOT INTERVALS, WHERE APPLICABLE.
    - C. BENDS IN GROUND WIRES GREATER THAN 45 DEGREES ARE UNACCEPTABLE.
  - 3. CABLE CONNECTIONS
    - A. USE APPROVED EXOTHERMIC-WELDED CONNECTIONS FOR CONDUCTOR SPLICES AND CONNECTIONS BETWEEN CONDUCTORS AND OTHER COMPONENTS.

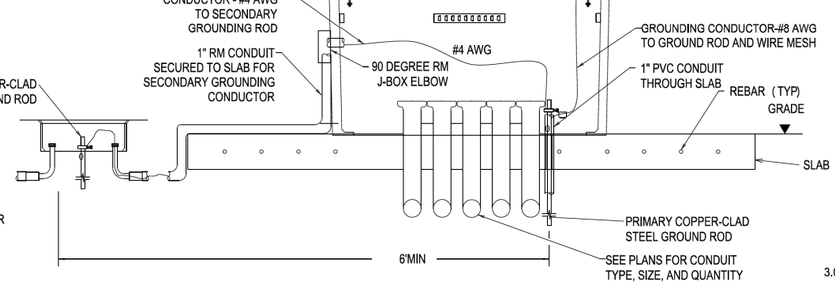
3.0 TESTING
- A. RESISTANCE TEST
  - 1. TEST PROCEDURE
    - A. THE GROUND-RESISTANCE MEASUREMENTS OF EACH GROUND ROD WILL BE TAKEN FROM GROUND BUS AFTER CABINET INSTALLATION.
      - 1) THE RESISTANCE TO GROUND WILL BE MEASURED IN ACCORDANCE WITH THE FALL-OF-POTENTIAL METHOD SPECIFIED IN IEEE 81 AND IEEE 142.
      - 2) GROUND-RESISTANCE MEASUREMENTS WILL BE MADE IN NORMALLY DRY WEATHER, NOT LESS THAN 48 HOURS AFTER RAINFALL, AND WITH THE GROUND UNDER TEST ISOLATED FROM OTHER GROUNDS.
    - B. TEST REPORTS WILL BE PREPARED THAT INDICATE THE LOCATION OF THE GROUND ROD, THE GROUNDING SYSTEM, AND THE RESISTANCE AND SOIL CONDITIONS AT THE TIME THE TEST WAS PERFORMED.
  - 2. ACCEPTANCE CRITERIA
    - A. THE GROUNDING SYSTEM MUST HAVE A RESISTANCE NOT GREATER THAN 5 OHMS.
    - B. DO NOT ENERGIZE ANY PART OF THE ELECTRICAL DISTRIBUTION SYSTEM PRIOR TO THE RESISTANCE TESTING OF THAT SYSTEM'S GROUND RODS AND GROUNDING SYSTEM, AND SUBMISSION OF THE TEST RESULTS TO THE CITY ENGINEER AND THEIR APPROVAL.
  - 3. INSPECTIONS
    - A. PREPARE AND SUBMIT AS-BUILT RECORD DRAWINGS OF THE GROUNDING SYSTEM AS INSTALLED AND TEST REPORTS TO THE CITY ENGINEER FOR APPROVAL.



GROUND MOUNTED CABINET - TOP VIEW

RETROFIT
(SLAB & BASE)

NOT TO SCALE

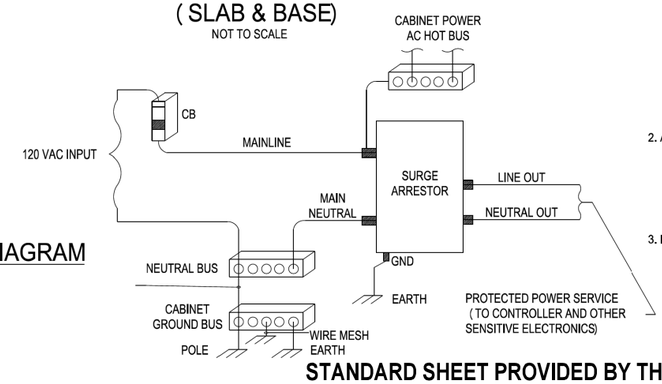


GROUND MOUNTED CABINET - SIDE VIEW

RETROFIT
(SLAB & BASE)

NOT TO SCALE

WIRING DIAGRAM



STANDARD SHEET PROVIDED BY THE CITY OF EDMOND.
DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

REVISIONS		
NO.	DESCRIPTION	DATE

Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

CONTROLLER CABINET GROUNDING DETAILS

State Job No. 38090(04) Sheet No. T053

OKLAHOMA COUNTY

03-14-25 G:\0Projects\T-2800 - SD, Signal Design at Danforth and Kelly - Edmond, OK\CAD\T053-240406-CONTROLLER CABINET GROUNDING DETAILS.dgn

REVISIONS		
NO.	DESCRIPTION	DATE

LEGEND

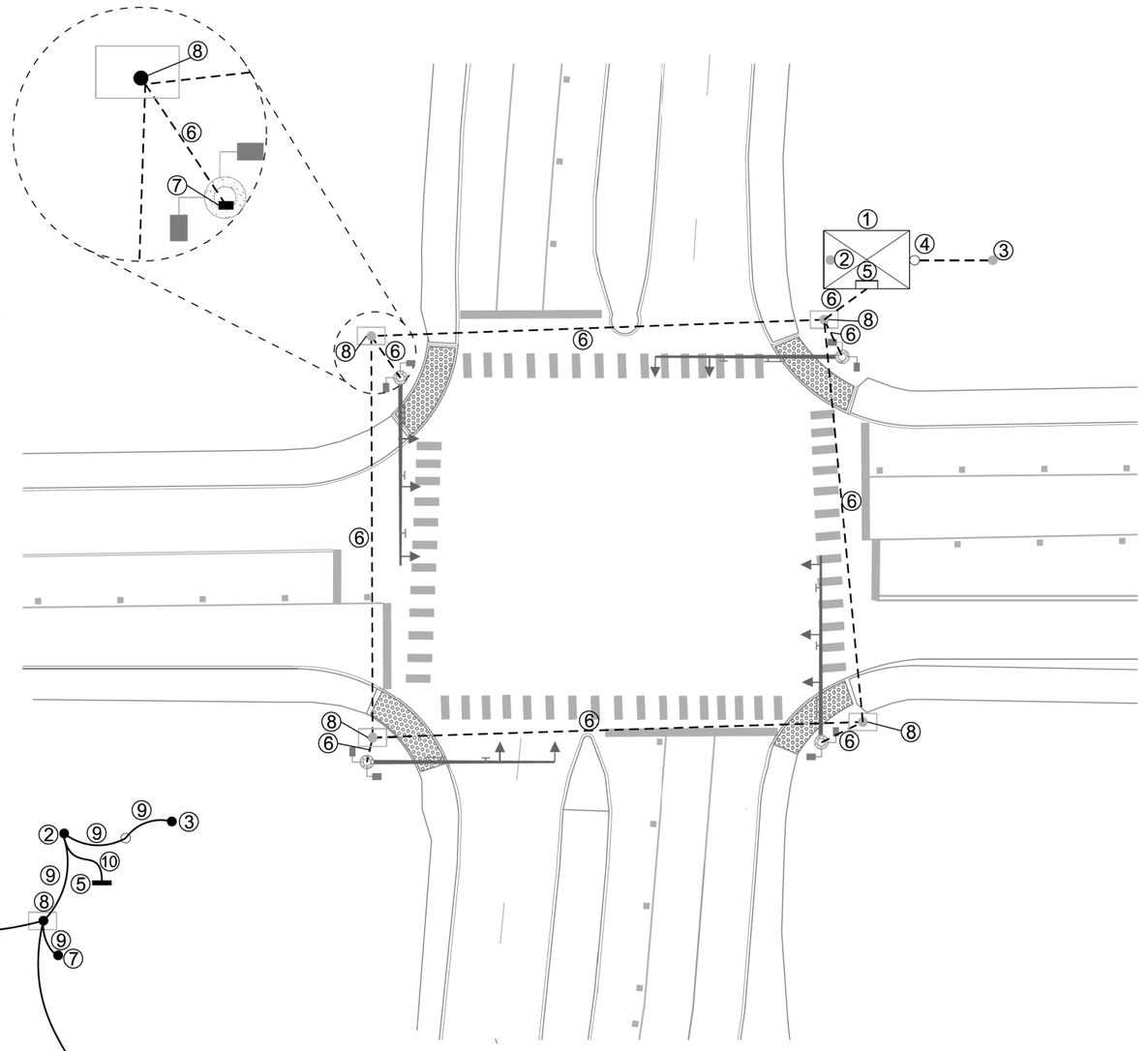
TYPICAL MAST ARM COMBINATION SIGNAL \ WITH PEDESTRIAN SIGNAL, PUSH BUTTON, AND SIGNAGE

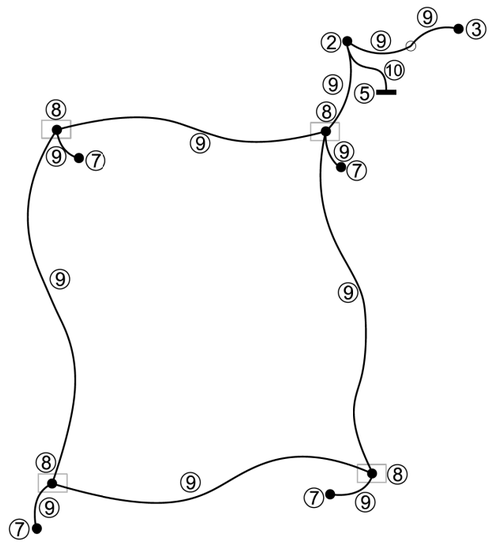
PULL BOX

CONDUIT

KEY NOTES:

1. SIGNAL CABINET FOUNDATION
2. EXISTING PRIMARY GROUND ROD
3. PROPOSED SECONDARY 5/8 " X 10' GROUND ROD (IF REQUIRED) (LOCATE IN EXISTING PULL/GROUND BOX ONLY)
4. 1" RM LB CONDUIT FITTING TRANSITION TO 1" PVC
5. GROUND BUS BAR
6. SIGNAL CONDUIT (VARIES BY LOCATION)
7. GROUND LUG AT POLE BASE
8. PROPOSED 5/8" X 10' SYSTEM GROUND ROD
9. GROUNDING ELEC CNDR (NO. 4)
10. GROUNDING ELEC CNDR (NO. 8)





WIRE DETAIL

TYPICAL INTERSECTION SYSTEM GROUND DETAIL

NOTE: CONDUIT ROUTING SHOWN IS DIAGRAMMATIC ONLY, DEPICTING A STANDARD 4-LEG INTERSECTION WITH CONDUIT ON ALL FOUR SIDES. NOT ALL INTERSECTIONS ON THE PROJECT MAY HAVE THIS CONFIGURATION. SOME CONDUITS MAY NOT EXIST. SEE PLANS AND VERIFY IN THE FIELD FOR EXISTING CONDUIT ROUTING.

STANDARD SHEET PROVIDED BY THE CITY OF EDMOND. DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

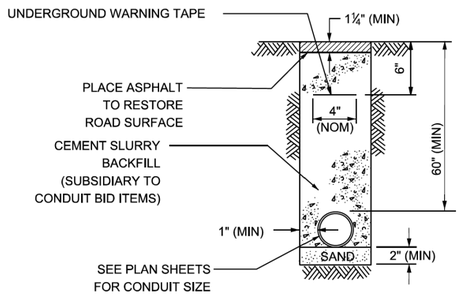
TYPICAL INTERSECTION SYSTEM GROUND DETAILS

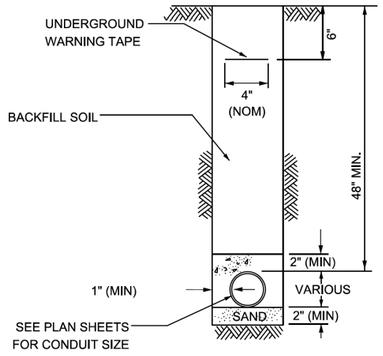
State Job No. 38090(04) Sheet No. T054

OKLAHOMA COUNTY

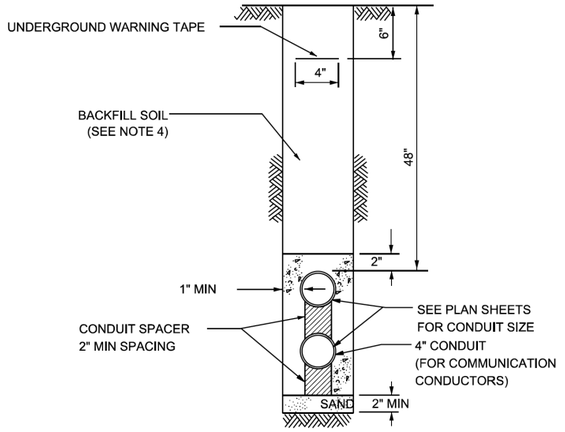
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REVISIONS		
NO.	DESCRIPTION	DATE





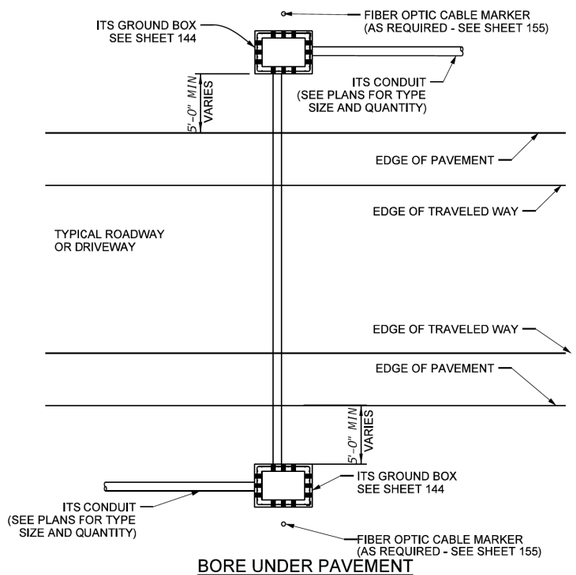
1 CONDUIT



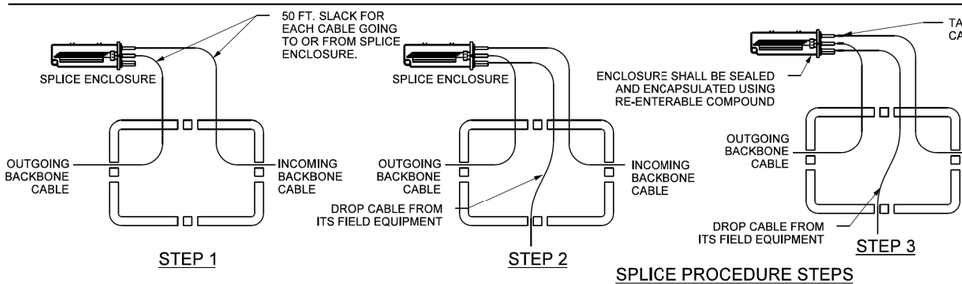
2 CONDUITS

TRENCH IN PAVEMENT

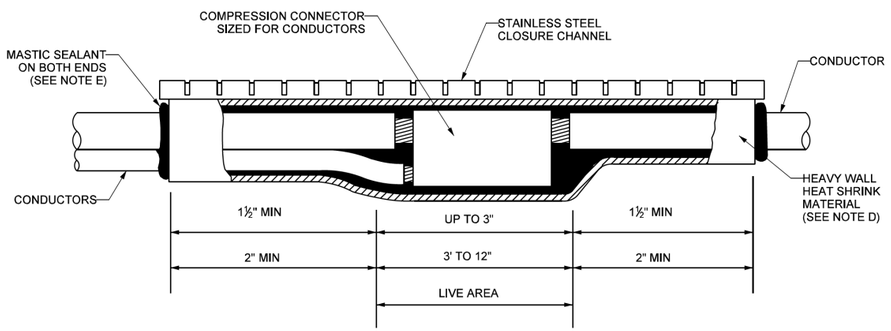
TRENCH IN SOIL



BORE UNDER PAVEMENT



SPLICE PROCEDURE STEPS



TYPICAL CONDUCTOR TAP AND/OR SPLICE
WITH HEAT SHRINK WRAP AROUND SLEEVE
(MIN. LENGTH: 6" FOR #4 AWG CONDUCTORS)

CAUTION
CITY OF EDMOND ITS DEPARTMENT
FIBER OPTIC CABLE
1-405-359-4636

SPIRAL CABLE OWNERSHIP TAG

HELLERMAN-TYTON INC.
STOCK # CMF040T
CABLE MARKER
OR APPROVED EQUAL

CAUTION
FIBER OPTIC CABLE
TYPE _____
COUNT _____

TIE-ON OWNERSHIP TAG

PANDUIT INC.
STOCK # PST-FO
SELF-LAM TAG
OR APPROVED EQUAL

MATERIAL SPECIFICATIONS AND GENERAL NOTES:

A. FUSES SHALL BE CURRENT-LIMITING TYPE, PREFERABLY BUSSMANN MANUFACTURING, MODEL KTK. SIZED AS SPECIFIED IN THE PLANS.

B. LINE/LOAD CONDUCTORS, SPLICES AND FUSE HOLDER CONNECTIONS SHALL BE INSULATED AND MADE WATERPROOF.

C. ALL CONDUCTOR SPLICES SHALL BE MADE WITH PROPERLY SIZED COMPRESSION TYPE CONNECTORS, UNLESS OTHERWISE SPECIFIED. CONNECTORS SHALL BE COMPATIBLE WITH THE CONDUCTOR MATERIAL AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURE'S RECOMMENDATIONS. "WIRE NUT/SPRING CONNECTORS" ARE NOT ACCEPTABLE CONNECTORS TO BE USED AS A SPLICING DEVICE.

D. CROSS LINKED POLYOLEFIN HEAT SHRINK COMPOSITION MATERIAL SHALL HAVE A HOT-MELT ADHESIVE THICKNESS OF AT LEAST 0.06",APPROVED FOR DIRECT BURIAL TO 600V/90^C IN ACCORDANCE WITH ANSI C119.1-1986.

E. MASTIC SEALANT SHALL BE NON-CORROSIVE AND IN ACCORDANCE WITH ASTM.

F. CONTRACTOR SHALL CLAMP NO. 8 GROUND WIRE TO 96 FIBER SHEATHING INSIDE THE FIBER ENCLOSURE AS SHOWN IN DETAIL:



TAPING NOTES:

1. CONSTRUCTOR SHALL MARK ALL CONDUCTORS, FIBER AND COMMUNICATION CABLES AS THEY ENTER /LEAVE ANY GROUND BOX, PULL BOX, ITS CABINET, SIGNAL CABINET,DMS,POLE, STRUCTURE, ETC. WHERE WIRE IS ACCESSED OR VISIBLE WITH COLOR CODED ELECTRICAL TAPE OR USING COLOR CABLE TIES (40 lbs) AS SHOWN IN THE CONDUCTOR COLOR CHART.

2. THE CONTRACTOR SHALL MARK EACH CONDUCTOR WITH COLORED TAPE. TAPE SHALL CONSIST OF A HALF-LAP LAYER OF TAPE COVERING A SIX (6) INCH LENGTH OF THE CONDUCTOR. THE CONDUCTOR ENTERING OF LEAVING THE ABOVE MENTIONED ACCESS LOCATIONS AND/OR AT ACCESS POINTS SUCH AS HAND HOLES IN POLES OR STRUCTURES, GROUND BOXES AND CABINETS SHALL NOT BE PAID FOR UNTIL PROPER AND CORRECT MARKING OF CONDUCTOR IS COMPLETED TO THE ENGINEERS SATISFACTION.

STANDARD SHEET PROVIDED BY THE CITY OF EDMOND.
DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

FIBER OPTIC CABLE, CONDUIT & SPLICE DETAILS

State Job No. 38090(04) Sheet No. T055

OKLAHOMA COUNTY

03-14-25 G:\OPProjects\T-2800 - SD, Signal Design at Danforth and Kelly - Edmond, OK\CAD\T055-240406-FIBER OPTIC CABLE, CONDUIT & SPLICE DETAILS.dgn

REVISIONS		
NO.	DESCRIPTION	DATE

General Notes

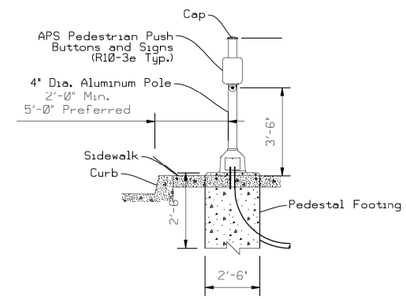
1. All work, materials and services not shown on the plans which may be necessary for complete and proper construction shall be performed, furnished and installed by the Contractor. Faulty fabrication or poor workmanship in any material, equipment or installation will be considered justification for rejection. Where manufacturers provide warranties or guarantees as a customary trade practice, Contractor shall furnish to the City of Edmond such warranties or guarantees. The location of poles and fixtures are diagrammatic only and may be shifted by the Engineer to accommodate local conditions. Erection and/or removal of signal pole assemblies located near overhead electrical lines shall be accomplished using established industry and utility safety practices and in accordance with laws governing such work. The Contractor shall consult with the appropriate utility company prior to beginning such work.

2. The type of traffic signal equipment shown to be mounted to the signal pole is intended to represent the most common traffic signal equipment applications and should not be treated as all inclusive. Other traffic signal equipment applications may exist that are project specific.

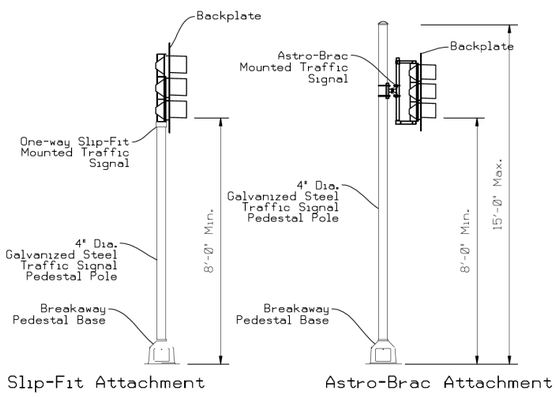
3. Mounting bracket is intended to be diagrammatic and for information only, and are not all inclusive. Contractor responsible for submitting mounting bracket design for approval by the Engineer prior to fabrication. Mounting bracket designed to support a maximum of 33Lbs. Off-the-shelf mounting brackets are acceptable and shall be submitted by shop drawing for approval.

4. Mounting heights to be determined in the field based on manufacturer recommendations.

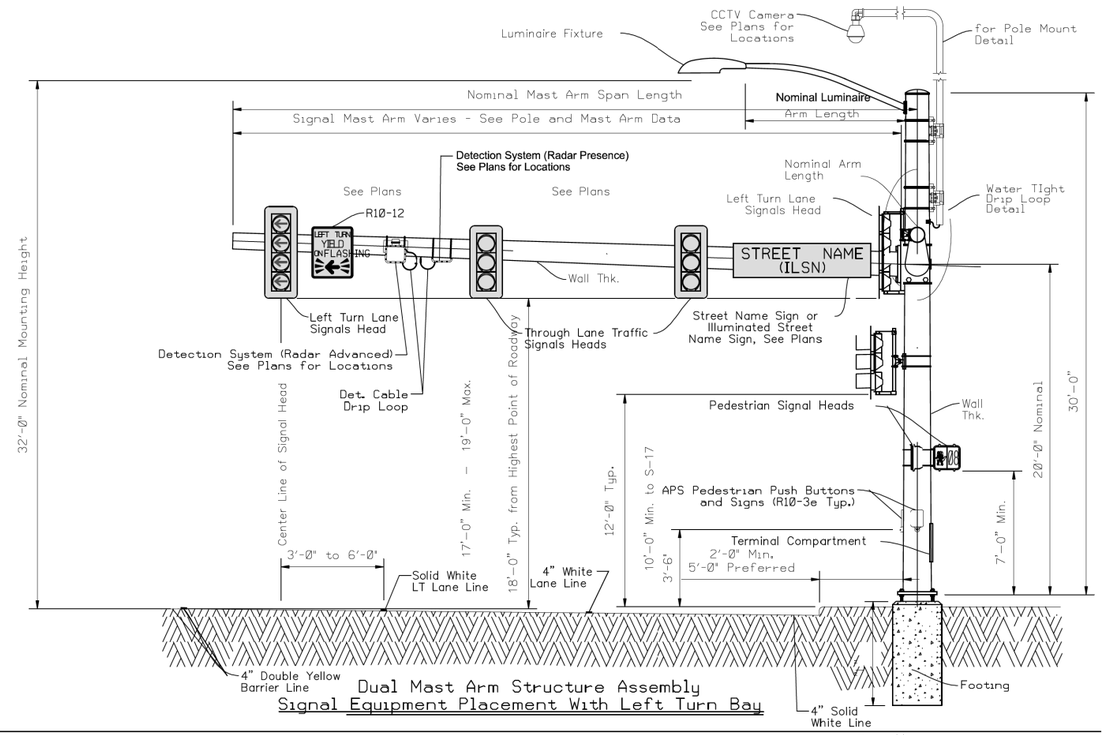
5. Drip loop size shall meet all manufacturer specifications and recommendations. The contractor shall follow all specifications and recommendations from equipment and cable manufacturers when installing equipment and cabling.



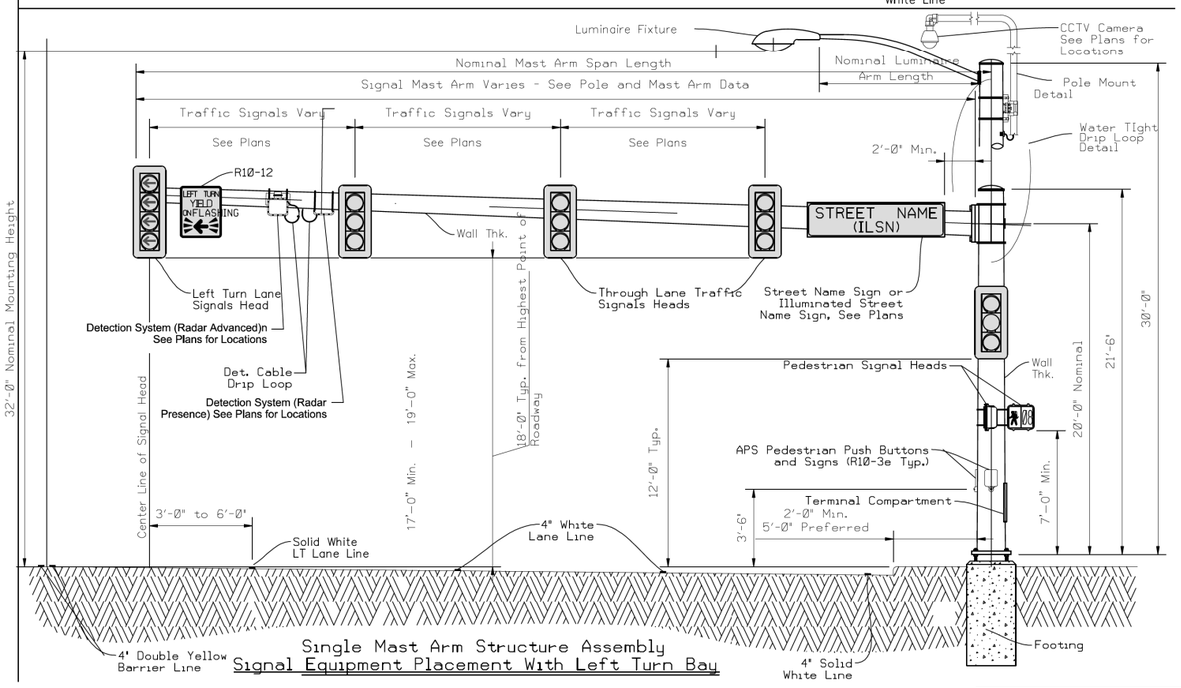
Pedestrian Push Button Post



Pedestal Mounted Signals



Dual Mast Arm Structure Assembly
Signal Equipment Placement With Left Turn Bay



Single Mast Arm Structure Assembly
Signal Equipment Placement With Left Turn Bay

STANDARD SHEET PROVIDED BY THE CITY OF EDMOND.
DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

SIGNAL EQUIPMENT PLACEMENT DETAILS

State Job No. 38090(04) Sheet No. T056

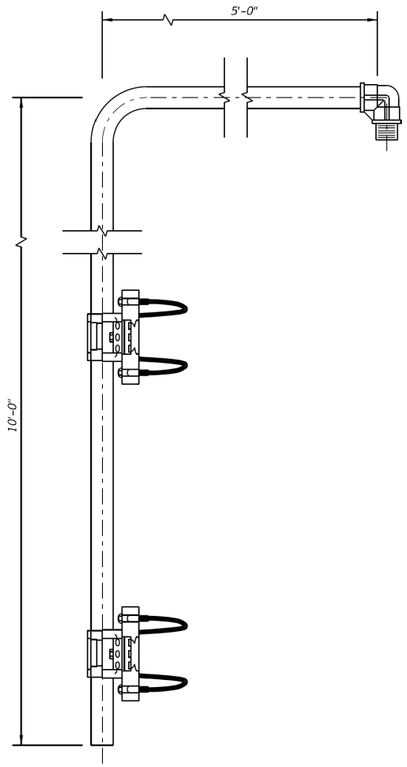
OKLAHOMA COUNTY

03-14-25 G:\OIProjects\T-2800 - SD\SignalDesign at Danforth and Kelly - Edmond, OK\CAD\T056-240406-SIGNAL EQUIPMENT PLACEMENT DETAILS.dgn

REVISIONS		
NO.	DESCRIPTION	DATE

General Notes:

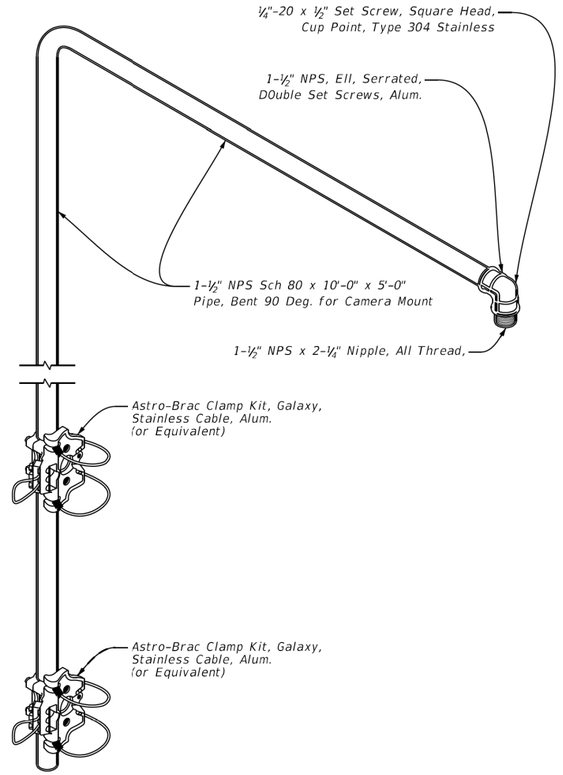
1. Designed according to Sixth Edition AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals and Interim Specifications.
2. Hang all cabling inside traffic signal pole structure with stainless steel wire mesh grips.
3. Bolt positioning in the pedestal top plate (Plate "A") for the pan/tilt base must be determined in the field per camera manufacturers recommendations. This will allow positioning of the camera to maximize coverage area. The Engineer will determine the camera's blind zone at each location.
4. Provide pedestal top plate and Plate "A" that conform to ASTM A36.
5. Make all welds conform to Item 441 and AWSD 1.1 (Structural Welding). Repair damaged galvanized coating per Item 445, "Galvanizing."
6. Galvanize parts in accordance with Item 445, "Galvanizing" unless otherwise noted.
7. The type of traffic signal equipment shown to be mounted to the signal pole is intended to represent the most common traffic signal equipment applications and should not be treated as all inclusive. Other traffic signal equipment applications may exist that are project specific.
8. Mounting bracket shall be a Pelco (SP-3133-0K) Camera Bracket, Galaxy, 10'-0" x 5'-0" Sch 80 Bent Tube, 1-1#2" NPS, Alum, or Equivalent. Shall be capable of mounting to signal pole and supporting Camera.
9. Mounting bracket is intended to be diagrammatic and for information only, and are not all inclusive. Contractor responsible for submitting mounting bracket design for approval by the Engineer prior to fabrication. Mounting bracket designed to support a maximum of 33Lbs. Off-the-shelf mounting brackets are acceptable and shall be submitted by shop drawing for approval.
10. Mounting heights to be determined in the field based on manufacturer recommendations.
11. Drip loop size shall meet all manufacturer specifications and recommendations. The contractor shall follow all specifications and recommendations from equipment and cable manufacturers when installing equipment and cabling.



Pole Mount Detail for Camera

Elevation and Dimensions

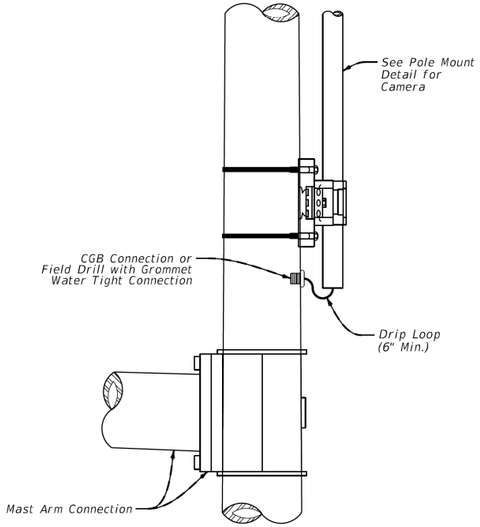
Pelco (SP-3133-0K) or Equivalent



Pole Mount Detail for Camera

Camera Bracket, Galaxy, 10'-0" Sch 80 Bent Tube, 1-½" NPS, Alum

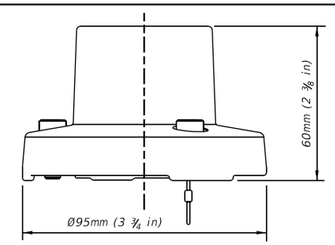
Pelco (SP-3133-0K) or Equivalent

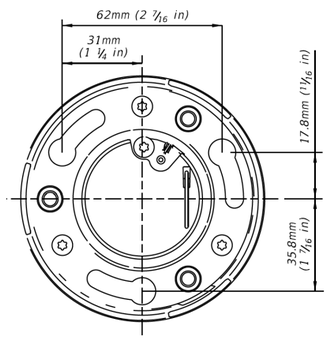


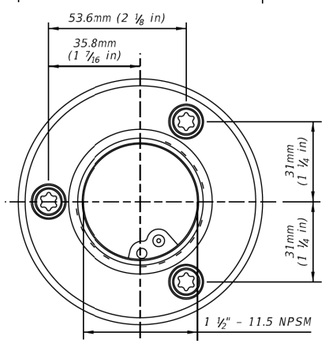
Water TIght Drip Loop Detail

Camera Mount Pendant Kit Detail

Axis T94A01D or Equivalent







STANDARD SHEET PROVIDED BY THE CITY OF EDMOND.
DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

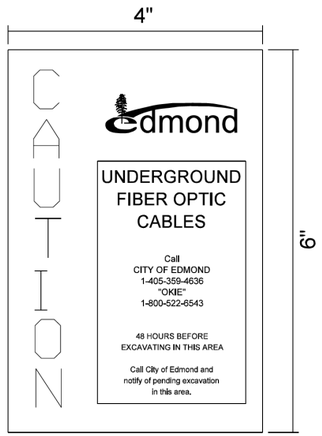
TYPICAL CATV INSTALLATION DETAILS

State Job No. 38090(04) Sheet No. T057

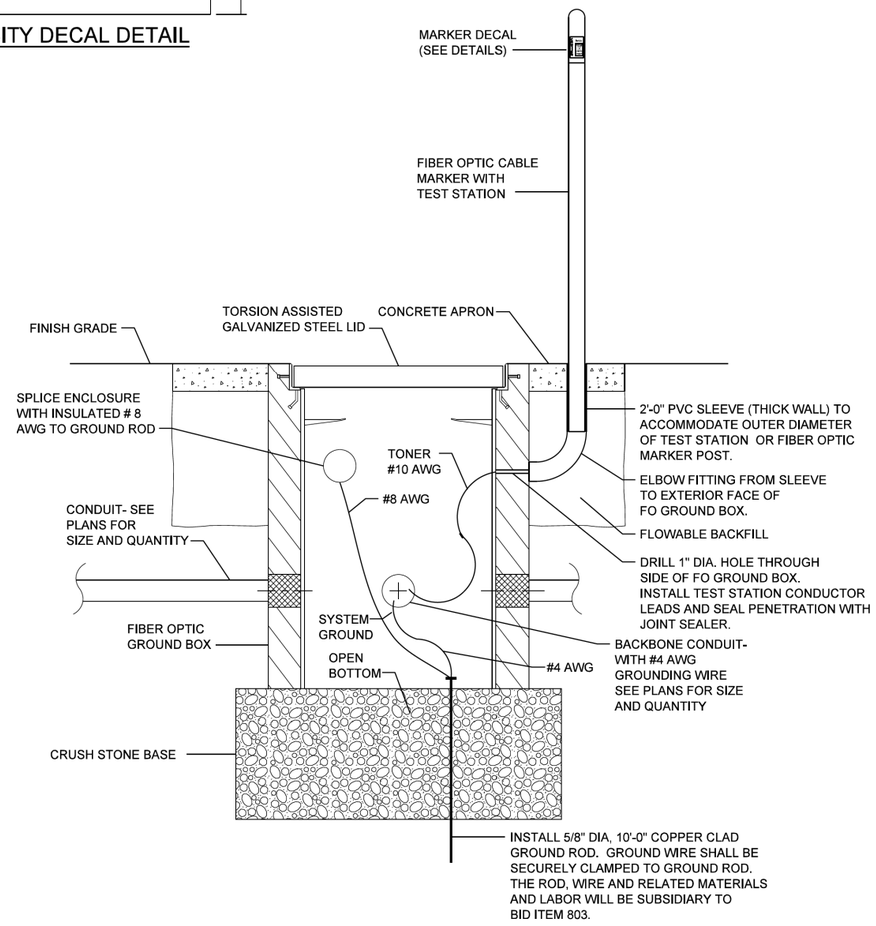
OKLAHOMA COUNTY

03-14-25 G:\OP\Projects\T-2800 - Sb_SignalDesign at Danforth and Kelly - Edmond, OK\CAD\T057-240406-TYPICAL CATV INSTALLATION DETAILS.dgn

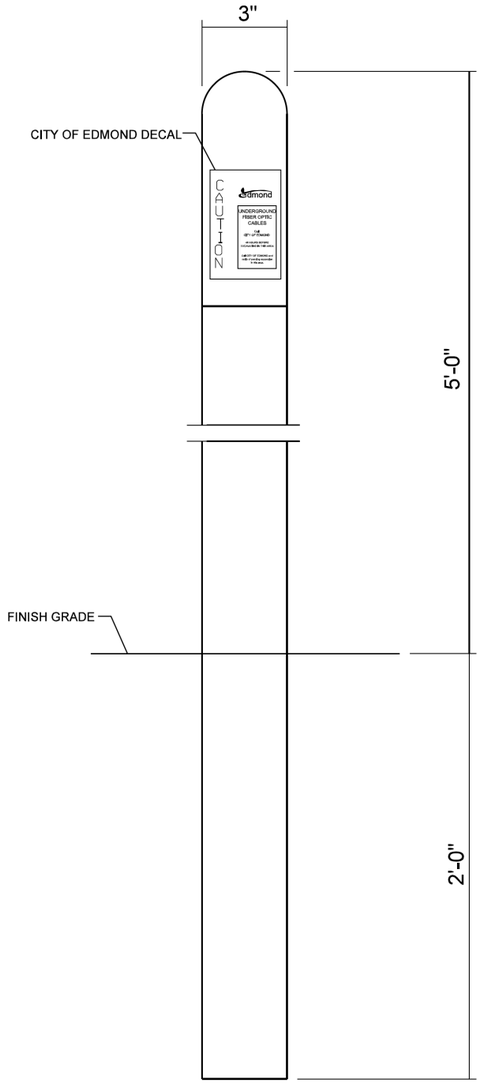
REVISIONS		
NO.	DESCRIPTION	DATE



CITY DECAL DETAIL



FIBER OPTIC CABLE TEST STATION
AT ALL GROUND/FIBER BOXES



FIBER OPTIC CABLE ROAD MARKER

NOTES:

1. ALL FIBER OPTIC CABLE ROAD MARKERS SHALL BE ORANGE IN COLOR AND INSTALLED APPROXIMATELY 1500' LOCATED AT PULLBOX OR FIBER OPTIC GROUND BOX CENTER TO CENTER AND BE COTTMARK OR APPROVED EQUAL.

2. LOCATE FIBER OPTIC TEST STATION MARKER AT FIBER SPLICE ENCLOSURE GROUND BOXES. ALL FIBER OPTIC TEST STATION MARKERS SHALL HAVE A WHITE SUPPORT POST WITH AN ORANGE DOME. THE FIBER OPTIC CABLE TEST STATION SHALL BE COMPRISED OF A FIBER OPTIC CABLE ROAD MARKER, COTTCONNECTOR AND FINKPLATE 703 OR APPROVED EQUAL WITH LEADS.

3. MARKERS AND TEST STATIONS WILL BE INSTALLED PLUMB AND TO A HEIGHT OF 5 FT ABOVE GROUND LEVEL.

4. THE MATERIAL AND LABOR ASSOCIATED WITH THE INSTALLATION OF FIBER OPTIC MARKERS AND TEST STATIONS, INCLUDING BUT NOT LIMITED TO: EXCAVATION, CONCRETE CORING, PVC SLEEVES, PVC ELBOWS, CONCRETE DRILLING, JOINT SEALANT, ADDITIONAL TRACE WIRE, ANY CONNECTIONS AND BACKFILL SHALL BE PAID FOR UNDER ITEM 818.

STANDARD SHEET PROVIDED BY THE CITY OF EDMOND.
DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

FIBER OPTIC CABLE ROAD MARKER DETAILS

State Job No. 38090(04) Sheet No. T058

OKLAHOMA COUNTY

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REVISIONS		
NO.	DESCRIPTION	DATE

Intersection Name

Danforth and Kelly

Traffic Controller	172.22.38.1
Traffic Controller (Android)	172.22.38.2
MMU	172.22.38.3
Battery Backup	172.22.38.4
Opticom 1	172.22.38.5
CCTV 1	172.23.38.7
CCTV 2	172.23.38.8
Wavetronics Arc 6	172.22.38.106
Ethernet Switch 1	172.22.38.201

BIU2 Advanced loop channels

Slot #			Ch	
2	Canoga	SBLL & SBRL Ø2	17 & 18	172.22.38.110
4	Canoga	WBLL & WBRL Ø4	21 & 22	172.22.38.112
6	Canoga	NBLL & NBRL Ø6	25 & 26	172.22.38.114
8	Canoga	EBLL & EBRL Ø8	29 & 30	172.22.38.116

Intersection Name

Kelly and Hawthorne LN

Traffic Controller	172.20.115.1
Traffic Controller (Android)	172.20.115.2
MMU	172.20.115.3
Battery Backup	172.20.115.4
Opticom 1	172.20.115.5
CCTV 1	172.21.115.7
CCTV 2	172.21.115.8
Wavetronics Arc 6	172.21.115.106
Ethernet Switch 1	172.20.115.201

BIU2 Advanced loop channels

Slot #			Ch	
2	Canoga	SBLL & SBRL Ø2	17 & 18	172.20.115.110
6	Canoga	NBLL & NBRL Ø6	25 & 26	172.20.115.114

Danforth and Kelly

Presence Detectors TS2 DR-1 BIU			Advance Detectors TS2 DR-2 BIU		
Slot #	Card Type	Channels	Slot #	Card Type	Channels
1	Wavetronix	**L3** NBLT **Ø1** **L4** NB **Ø6**	1	Empty	
2	Loop	**L1** NBLT **Ø1** **L2** NB L&R **Ø6**	2	Loop	**L17** SBLL **Ø2** **L18** SBRL **Ø2**
3	Wavetronix	**L7** EBLT **Ø3** **L8** EB **Ø8**	3	Empty	
4	Loop	**L5** EBLT **Ø3** **L6** EB L&R **Ø8**	4	Loop	**L21** WBLL **Ø4** **L22** WBRL **Ø4**
5	Wavetronix	**L11** SBLT **Ø5** **L12** SB **Ø2**	5	Empty	
6	Loop	**L9** SBLT **Ø5** **L10** SB L&R **Ø2**	6	Loop	**L25** NBLL **Ø6** **L26** NBRL **Ø6**
7	Wavetronix	**L15** WBLT **Ø7** **L16** WB **Ø4**	7	Empty	
8	Loop	**L13** WBLT **Ø7** **L14** WB L&R **Ø4**	8	Loop	**L29** EBLL **Ø8** **L30** EBRL **Ø8**

Kelly and Hawthorne LN

Presence Detectors TS2 DR-1 BIU			Advance Detectors TS2 DR-2 BIU		
Slot #	Card Type	Channels	Slot #	Card Type	Channels
1	Wavetronix	**L3** NBLT **Ø1** **L4** NB **Ø6**	1	Empty	
2	Loop	**L1** NBLT **Ø1** **L2** NB L&R **Ø6**	2	Loop	**L17** SBLL **Ø2** **L18** SBRL **Ø2**
3	Wavetronix	**L7** EBLT **Ø3** **L8** EB **Ø8**	3	Empty	
4	Loop	L5 EBLT Ø3 **L6** EB **Ø8**	4	Loop	
5	Wavetronix	**L11** SBLT **Ø5** **L12** SB **Ø2**	5	Empty	
6	Loop	**L9** SBLT **Ø5** **L10** SB L&R **Ø2**	6	Loop	**L25** NBLL **L26** NBRL **Ø6**
7	Wavetronix	**L16** WB **Ø4**	7	Empty	
8	Loop	**L13** WBLT **Ø7** **L14** WB L&R **Ø4**	8	Loop	

NOTE : PRESENCE LOOP CARDS SHALL BE 2-CHANNEL RENO 33 2/170 MODEL AND ADVANCE LOOP CARDS CANOGA 9004 CARDS

STANDARD SHEET PROVIDED BY THE CITY OF EDMOND. DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

IP ADDRESS AND DETECTOR / LOOP TERMINAL ASSIGNMENTS

State Job No. 38090(04) Sheet No. T059

OKLAHOMA COUNTY

03-14-25 G:\OIProjects\T-2800 - SD\SignalDesign at Danforth and Kelly - Edmond, OK\CAD\T059-240406-IP ADDRESS AND DETECTOR LOOP TERMINAL ASSIGNMENTS.dgn

REVISIONS		
NO.	DESCRIPTION	DATE

DETECTOR SYSTEM (RADAR PRESENCE)

NOTE:

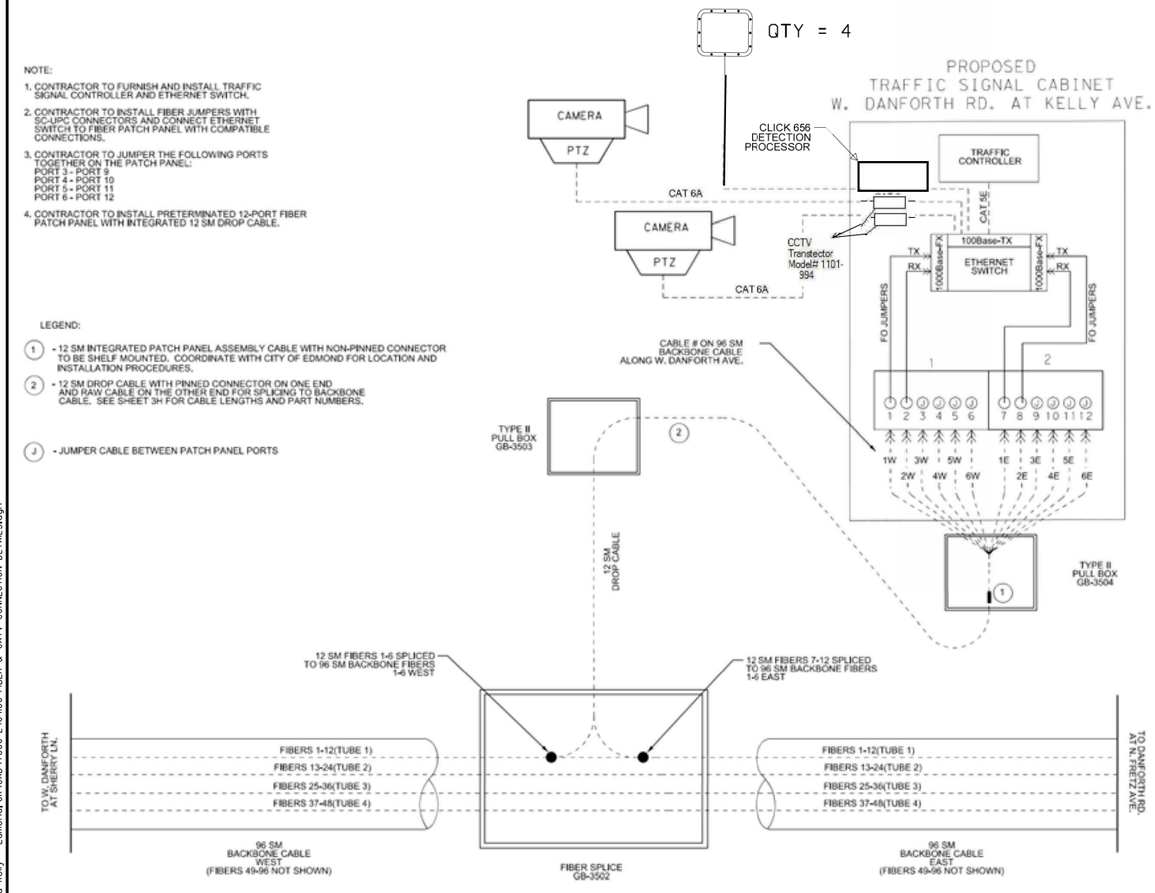
1. CONTRACTOR TO FURNISH AND INSTALL TRAFFIC SIGNAL CONTROLLER AND ETHERNET SWITCH.
2. CONTRACTOR TO INSTALL FIBER JUMPERS WITH SC-UPC CONNECTORS AND CONNECT ETHERNET SWITCH TO FIBER PATCH PANEL WITH COMPATIBLE CONNECTIONS.
3. CONTRACTOR TO JUMPER THE FOLLOWING PORTS TOGETHER ON THE PATCH PANEL:
   PORT 3 - PORT 9
   PORT 4 - PORT 10
   PORT 5 - PORT 11
   PORT 6 - PORT 12
4. CONTRACTOR TO INSTALL PRETERMINATED 12-PORT FIBER PATCH PANEL WITH INTEGRATED 12 SM DROP CABLE.

LEGEND:

(1) - 12 SM INTEGRATED PATCH PANEL ASSEMBLY CABLE WITH NON-PINNED CONNECTOR TO BE SHELF MOUNTED. COORDINATE WITH CITY OF EDMOND FOR LOCATION AND INSTALLATION PROCEDURES.

(2) - 12 SM DROP CABLE WITH PINNED CONNECTOR ON ONE END AND RAW CABLE ON THE OTHER END FOR SPLICING TO BACKBONE CABLE. SEE SHEET 3H FOR CABLE LENGTHS AND PART NUMBERS.

(J) - JUMPER CABLE BETWEEN PATCH PANEL PORTS



NOTE:

1. CONTRACTOR TO FURNISH AND INSTALL TRAFFIC SIGNAL CONTROLLER AND ETHERNET SWITCH,
2. CONTRACTOR TO INSTALL FIBER JUMPERS WITH SC-UPC CONNECTORS AND CONNECT ETHERNET SWITCH TO FIBER PATCH PANEL WITH COMPATIBLE CONNECTIONS,
3. CONTRACTOR TO JUMPER THE FOLLOWING PORTS TOGETHER ON THE PATCH PANEL:
   PORT 1 - PORT 7
   PORT 2 - PORT 8
   PORT 5 - PORT 11
   PORT 6 - PORT 12
4. CONTRACTOR TO INSTALL PRETERMINATED 12-PORT FIBER PATCH PANEL WITH INTEGRATED 12 SM DROP CABLE,

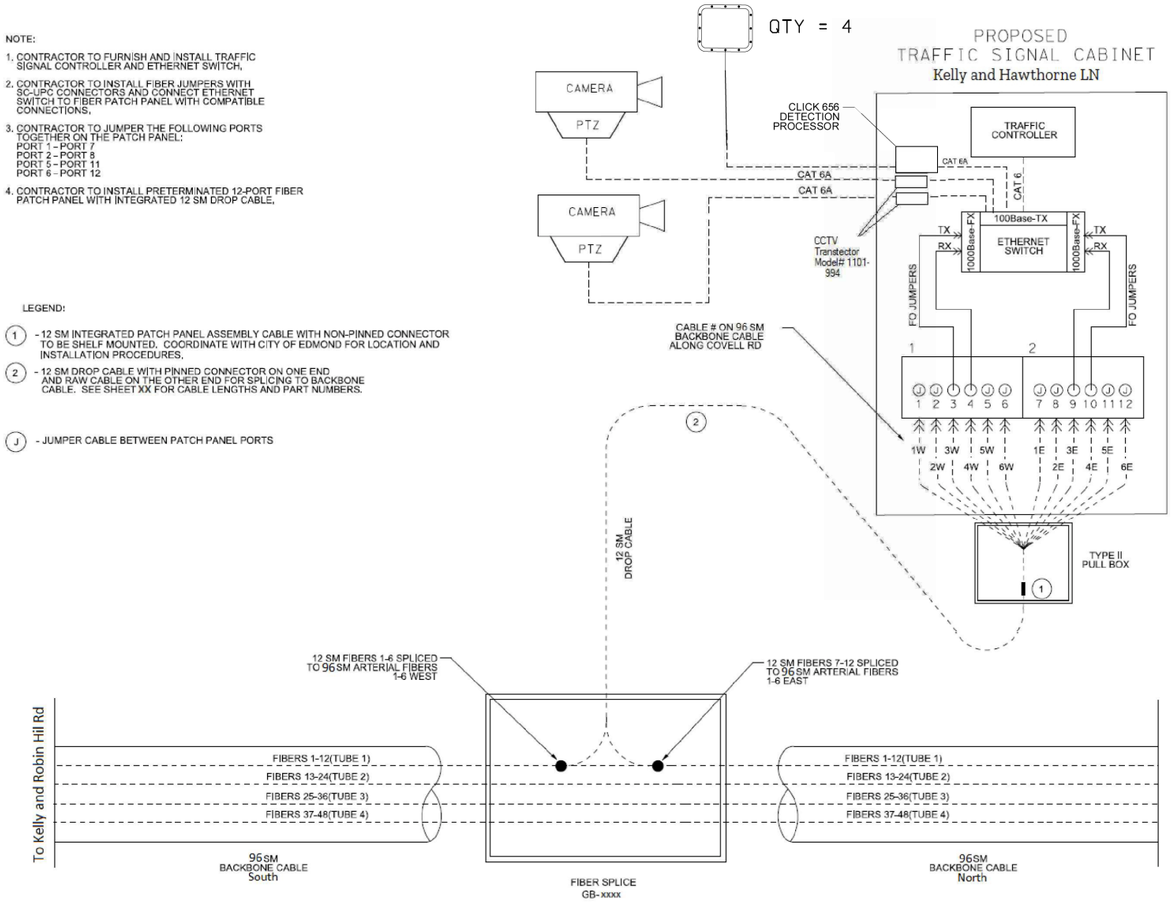
LEGEND:

(1) - 12 SM INTEGRATED PATCH PANEL ASSEMBLY CABLE WITH NON-PINNED CONNECTOR TO BE SHELF MOUNTED. COORDINATE WITH CITY OF EDMOND FOR LOCATION AND INSTALLATION PROCEDURES.

(2) - 12 SM DROP CABLE WITH PINNED CONNECTOR ON ONE END AND RAW CABLE ON THE OTHER END FOR SPLICING TO BACKBONE CABLE. SEE SHEET XX FOR CABLE LENGTHS AND PART NUMBERS.

(J) - JUMPER CABLE BETWEEN PATCH PANEL PORTS

DETECTOR SYSTEM (RADAR PRESENCE)



STANDARD SHEET PROVIDED BY THE CITY OF EDMOND. DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

FIBER & CATV CONNECTION DETAILS

State Job No. 38090(04) Sheet No. T060

OKLAHOMA COUNTY

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REVISIONS		
NO.	DESCRIPTION	DATE

ITS WAVETRONICS Detection Units

		Type of Sensor Needed					
	Intersection	Arc 6	Radar Presence Sensor	NB	SB	EB	WB
1	Danforth and Kelly	1	4	Presence	Presence	Presence	Presence
2	Kelly and Hawthorne Ln	1	4	Presence	Presence	Presence	Presence
	spare	1	4				
	TOTAL	**3**	**12**				

Notes

Radar Units shall be grounded by ground wairing inside the mast arm

Contractor to use the mini wavetronix junction box for Rader unit cables

Danforth and Kelly CCTVS	
Camera location	POE Extender
SW Pole	SE Pull Box
NE Pole	NE Pull Box
Spare	2
Total	4

STANDARD SHEET PROVIDED BY THE CITY OF EDMOND.
DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

WAVETRONIX DETECTION UNIT DETAILS

State Job No. 38090(04) Sheet No. T061

OKLAHOMA COUNTY

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REVISIONS		
NO.	DESCRIPTION	DATE



FIELD ETHERNET

PORT CONFIGURATION:

- 1 SFP GIGABIT TX/RX
- 2 SFP GIGABIT TX/RX
- 5 X3 TRAFFIC SIGNAL CONTROLLER
- 6 MALFUNCTION MANAGEMENT UNIT
- 7 BATTERY BACKUP UNIT
- 8 PRE-EMPTION
- 9 PRE-EMPTION
- 10 CCTV #1
- 11 CCTV #2
- 12 SPARE
- 13 Wavetronix Arc6 first unit
- 14 Wavetronix Arc6 second unit
- 15-20 CANOGA CARDS

NOTE:

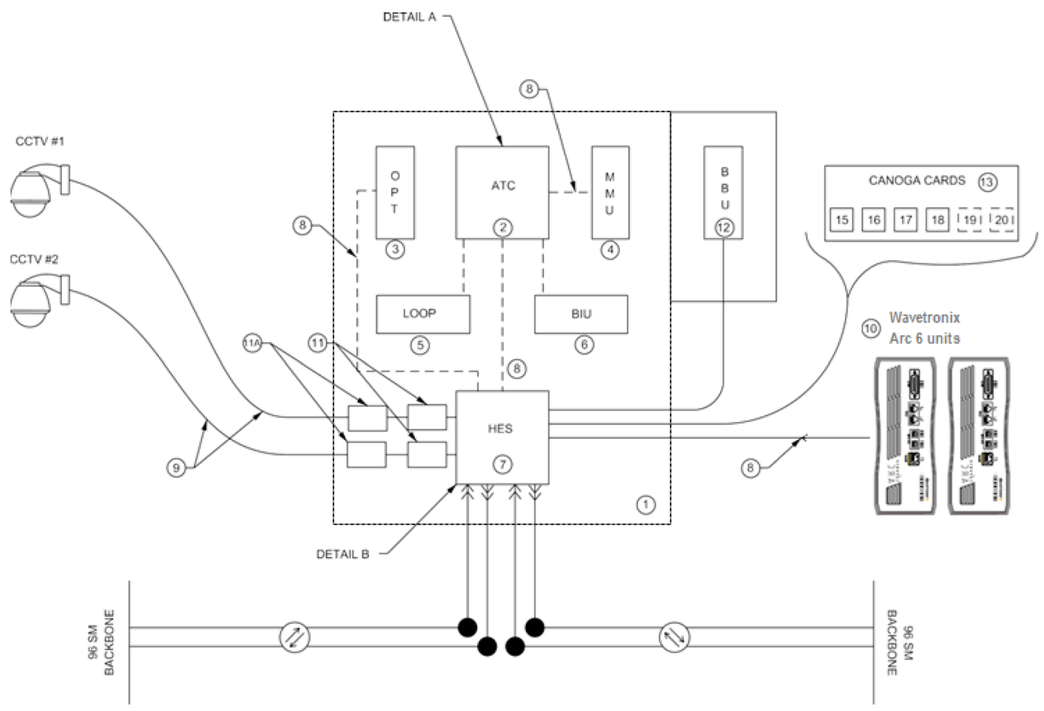
1. CONTRACTOR TO DELIVER ETHERNET SWTICHES SUPPLIED FOR THE PROJECT TO THE IT DEPARTMENT FOR IP PROGRAMMING AND CONFIGURATION. CONTACT TOM MINNICK AT 405-359-4775 48 HOURS PRIOR TO DELIVERY TO IT DEPARTMENT.

SWITCH

(IE 4000 - 8GT8GP4G-E)

KEY NOTES:

1. TS-2 TYPE 1 NEMA CABINET
2. ATC TRAFFIC SIGNAL CONTROLLER INTELIGHT TS2-TYPE 1
3. OPTICOM - MODEL 764
4. MMU - MALFUNCTION MANAGEMENT UNIT
5. LOOP
6. BIU
7. HARDENED ETHERNET SWITCH
8. CAT 6A ETHERNET CABLE
9. CAT 6A ETHERNET CABLE
10. Wavetronix Arc 6 units
11. CCTV POWER INSECTOR
11A. CCTV TRANSTECTOR 1101-994 75 Vdc SHIELDED GIGABIT POE
12. BATTERY BACKUP UNIT
13. ADVANCED CANOGA CARDS



TRAFFIC SIGNAL CABINET
NETWORK SCHEMATIC

STANDARD SHEET PROVIDED BY THE CITY OF EDMOND.
DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

ETHERNET SWITCH DETAILS

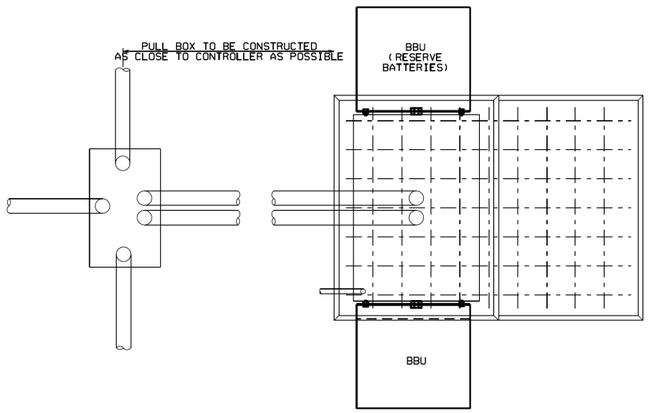
State Job No. 38090(04) Sheet No. T062

OKLAHOMA COUNTY

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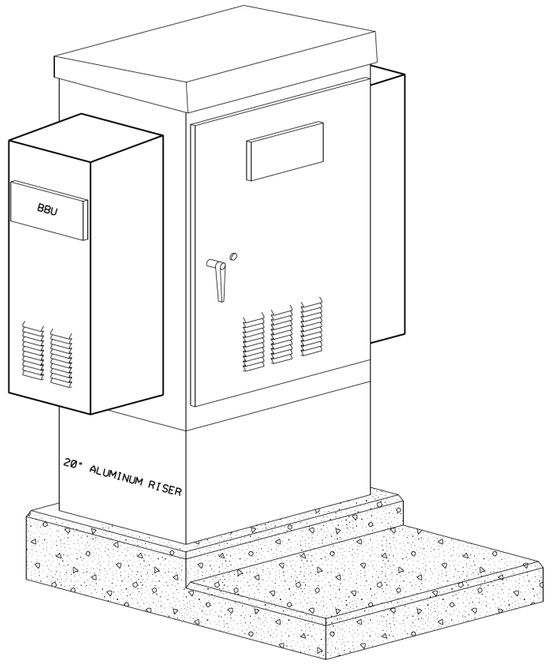
REVISIONS		
NO.	DESCRIPTION	DATE

NOTES:
1. INSTALL 1½" ALL THREAD NIPPLE WITH BONDING BUSHINGS ON BOTH ENDS AND 6 EA OF ¼" x 1½" 13 UNC MOUNTING BOLTS BETWEEN THE TWO CABINETS. (SIGNAL AND BBU).
2. USE SILICON SEALANT TO SEAL BETWEEN THE CABINETS OF THE CONTROLLER AND THE BBU.



TOP VIEW

VARIABLE DIMENSIONS WILL BE DETERMINED BY THE SIZE OF CONTROLLER REQUIRED FOR THIS PROJECT



TYPICAL CONTROLLER CABINET INSTALLATION

MATERIAL SPECIFICATIONS

A. MATERIALS REQUIRED FOR THE CONTROLLER CABINET FOUNDATION, AND ALL PERTINENT EQUIPMENT AND ASSEMBLY SHALL BE INCLUDED IN THE PRICE BID FOR THE CONTROLLER.

B. PROVIDE A PELCO PRODUCTS, INC. (PART #SP-3117-OK) 20" ALUMINUM RAISED BASE, OR APPROVED EQUIVALENT FOR EACH PROPOSED TRAFFIC SIGNAL CABINET ASSEMBLY.

C. A MINIMUM OF 4 EXPANSION BOLTS ARE REQUIRED, ½'' x 4½'' STAINLESS STEEL KWIK BOLT WITH A MIN. EMBEDMENT OF 3¼''. SHALL BE USED TO MOUNT THE CONTROLLER CABINET TO THE CONCRETE PAD.

D. THE CONTROLLER CABINET SHALL BE INSTALLED ON TOP OF SILICATE RUBBER CAULKING COMPOUND FOR WEATHERPROOFING OF THE CABINET.

E. NOT USED

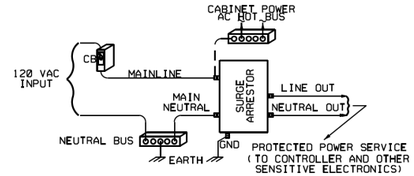
F. 1/C NO. 6 AWG ELECTRICAL CONDUCTOR SHALL BE USED TO SUPPLY POWER FROM THE POWER SOURCE(S) TO THE CONTROLLER.

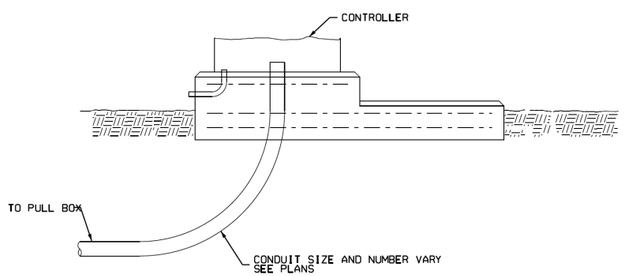
G. 1/C NO. 8 AWG SOLID BARE COPPER WIRE SHALL BE USED TO GROUND THE CONTROLLER CABINET TO THE GROUND ROD.

H. ALL ELECTRIC CONNECTIONS SHALL BE MADE WITH BURDY HYLUG OR AN APPROVED EQUAL.

I. A SURGE ARRESTOR SHALL BE FURNISHED IN EACH TRAFFIC SIGNAL CONTROLLER. THE ARRESTOR REQUIREMENTS ARE AS FOLLOWS:

PEAK CURRENT.....20,000 AMPS (8 x 20 US WAVESHAPE)
LIFE TEST.....5% CHANGE (VOLTAGE CLAMP BEFORE AND AFTER 25 SURGES OF 20KA WAVESHAPE)
CLAMP VOLTAGE.....250 V. TYPE @ 20KA
RESPONSE TIME.....VOLTAGE NEVER EXCEEDS 250 VOLTS DURING SURGE
CONTINUOUS SERVICE CURRENT.....10 AMPS MAX., 120 VAC, 60HZ
DIMENSION (INCHES)..... 3.13 x 7.15 x 2.3 (NOT INCLUDING GND)(W x L x H)
OPERATING TEMPERATURE.....-40C TO +85C





SIDE VIEW

CONCRETE CONTROLLER PAD DETAIL

GENERAL NOTES

1. THE POLE SHALL BE MANUFACTURED WITH A 3'' INSIDE DIAMETER THREADED HUB. THIS HUB SHALL BE MADE AND INSTALLED TO MAINTAIN THE DESIGN STRENGTH OF THE POLE.

BASIS OF PAYMENT		
ITEM NO.	ITEM	UNIT
804(A)	STRUCTURAL CONCRETE	CY
825	TRAFFIC SIGNAL CONTROLLER ASSEMBLY	EA

REQUIRED CONDUCTORS FOR BBU			
QUANTITY EACH	WIRE SIZE	COLOR	FUNCTION
1	-	BLACK	120 VAC FROM SERVICE
1	-	WHITE	AC NEUTRAL FROM SERVICE
1	#6	BLACK	120 VAC TO CONTROLLER
1	#6	WHITE	AC NEUTRAL TO CONTROLLER
1	#8	GREEN	GROUND

STANDARD SHEET PROVIDED BY THE CITY OF EDMOND.
DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

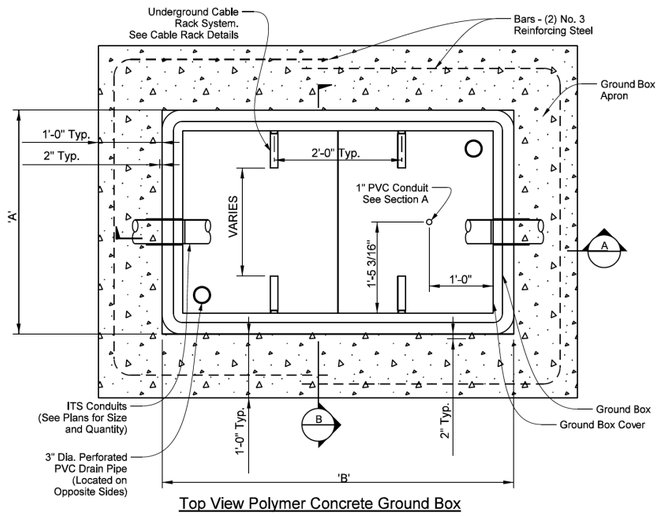
CONTROLLER CABINET DETAILS

State Job No. 38090(04) Sheet No. T063

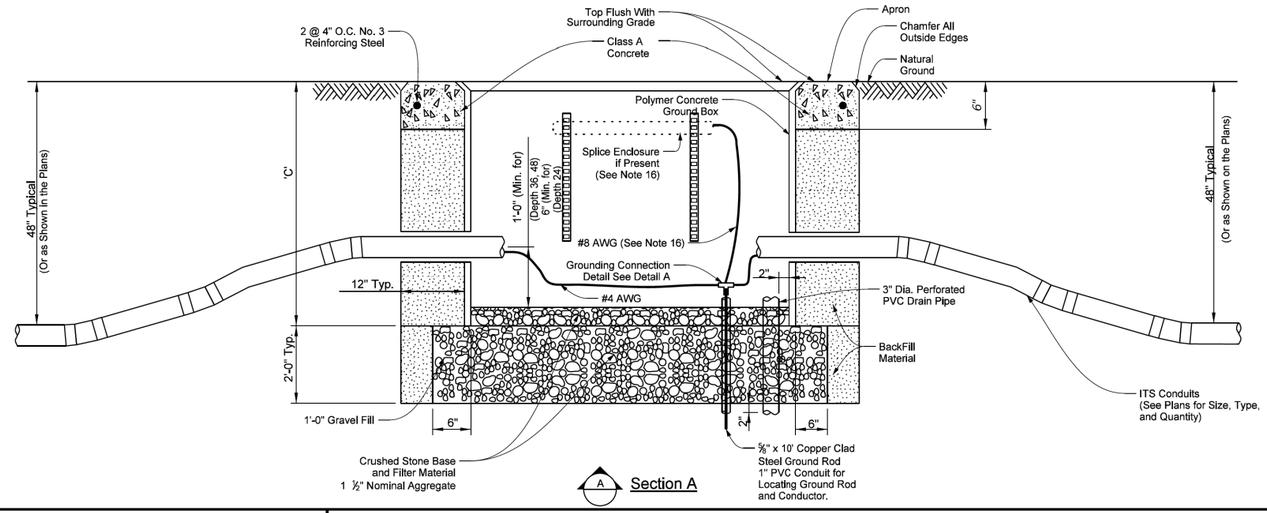
OKLAHOMA COUNTY

03-14-25 G:\OIProjects\T-2800 - SD\SignalDesign at Danforth and Kelly - Edmond, OK\CAD\T063-240406-CONTROLLER CABINET DETAILS.dgn

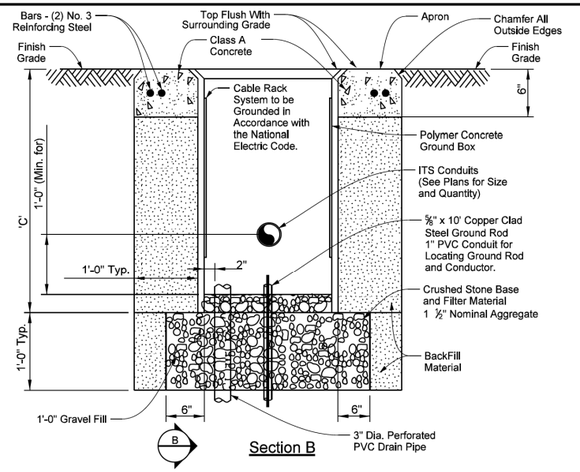
REVISIONS		
NO.	DESCRIPTION	DATE



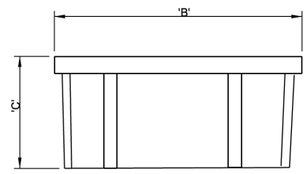
Top View Polymer Concrete Ground Box



Section A



Section B

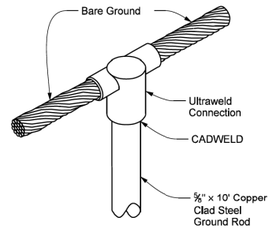


Ground Box Schedule

Ground Box Type	'A' * Width (Outside) (Inches)	'B' * Length (Outside) (Inches)	'C' Depth (Outside) (Inches)	Size #3 Bars (Apron)	
				Length	Weight
Type 1	34 1/8"	47 1/4"	36	24'-0"	9.12

* - Tolerance of +/- 1.5"

Side View
Typical Ground Box



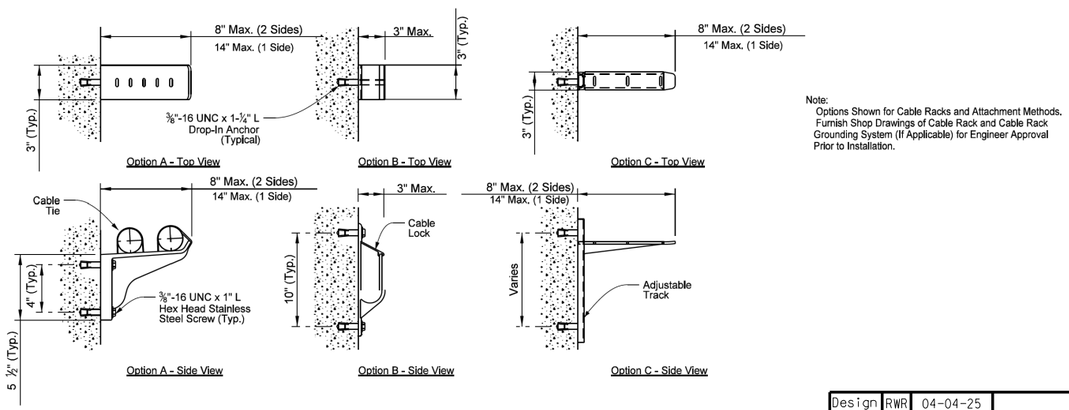
Note - All grounding connections to be CADWELD or approved equal. This work will not be paid for directly, but is considered incidental to ITS ground box.

Detail A
Grounding Connection Detail

General Notes:

1. Conduit shown is for example only. Additional conduits may be required as shown on the plans.
2. Provide polymer concrete ground box and cover. Assisted steel cover with torsion.
3. Terminate conduits through the side of the ground box.
4. Provide terminators for conduits cast in the walls and placed symmetrically about the centerline of the box at the depths shown, unless otherwise noted, for the number of conduits identified on the plans to enter the box.
5. Provide terminators appropriately sized for the conduits indicated on the plans. Provide terminators with an air tight and water tight connection.
6. Provide ground box with open bottom. Provide two 3" Dia. perforated PVC drain pipes on opposite corners and extend 2" below bottom of gravel bed to optimize water drainage.
7. Install ground box on a 12-inch base of crushed stone which extends 6 inches in all directions from the perimeter of the box.
8. When additional conduit entry points are needed to accommodate existing conduit, core drill conduit knockouts in the field of the appropriate number and size of conduit at each location, as directed by the Engineer.
9. Provide a bell fitting on the end of each conduit to ensure a flush fit inside the ground box.
10. Concrete grout around the knockout (inside and out) and around the conduit and bell fitting to ensure a neat watertight fit after the conduit and bell fitting have been placed in a knockout. Ensure all openings in the ground box are sealed prior to grouting operations.
11. Label top of cover with the words "DANGER HIGH VOLTAGE TRAFFIC MANAGEMENT."
12. Equip all covers with a bolting system that will positively secure the cover in place.
13. Provide polymer concrete ground boxes and covers for off roadway applications subject to occasional non-deliberate heavy vehicular traffic, such as driveways, along sidewalks, parking lots and behind non-mountable curb. Meet American National Standards Institute (ANSI) / Society of Cable Telecommunications Engineers (SCTE) Tier 22 loading requirements when located in these areas.
14. Provide steel (ASTM A-153), glass reinforced nylon, or equivalent cable rack assemblies designed to support the amount of cable storage slack and splice enclosures identified in the plans. Locate cable rack system on any side but allow for sufficient access to the inside of the ground box. Cable racks may be installed at the factory or in the field. When mounting cable racks in the field, seal all penetrations to the side wall to prevent moisture penetration. Ground metallic cable rack systems to grounding system inside ground box in accordance with the National Electrical Code.
15. Provide steel covers rated to H-20 loading requirements. Lids to be cast in polymer concrete and frame. Provide shop drawing of torsion assisted steel cover to ground box fabricator prior to fabricating ground boxes in order for steel cover to be cast in place.
16. See plans for Splice Enclosure locations. If present install a #8 AWG wire from Splice Enclosure to grounding connection.

Sheet Details
Not to Scale



Note:
Options Shown for Cable Racks and Attachment Methods. Furnish Shop Drawings of Cable Rack and Cable Rack Grounding System (If Applicable) for Engineer Approval Prior to Installation.

Cable Rack Details

STANDARD SHEET PROVIDED BY THE CITY OF EDMOND.
DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

Design	RWR	04-04-25
Drawn	SB	04-04-25

TEC A CLEAR DIRECTION

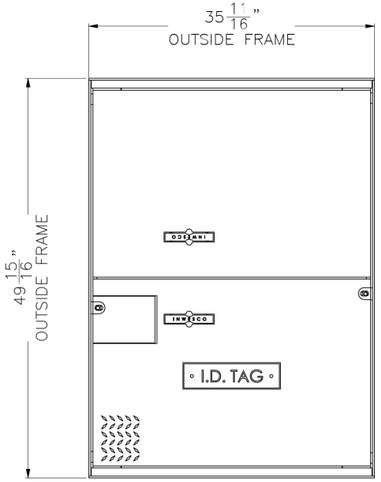
GROUND BOX DETAILS

State Job No. 38090(04) Sheet No. T064

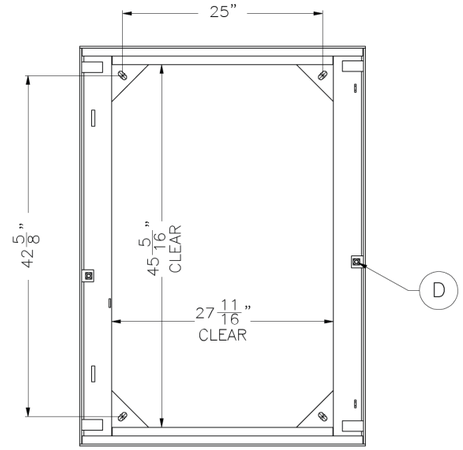
OKLAHOMA COUNTY

04-04-25 G:\0\Projects\T-2800 - SD, Signal Design at Danforth and Kelly - Edmond, OK\CAD\T064-240406-GROUND BOX DETAILS 1(OF 2).dgn

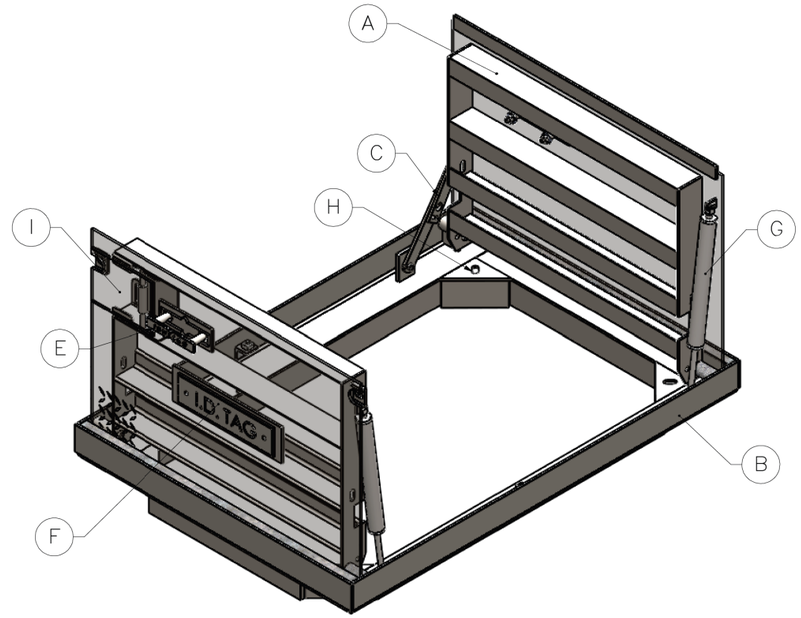
REVISIONS		
NO.	DESCRIPTION	DATE



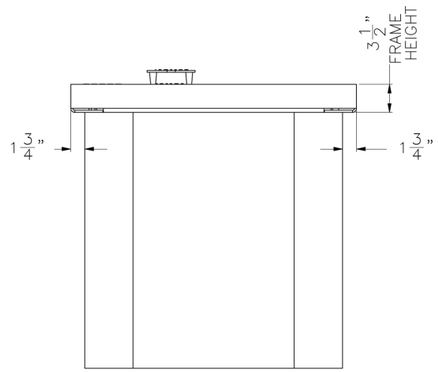
TOP VIEW



TOP VIEW
FRAME



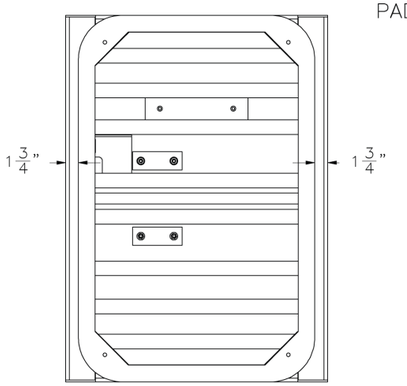
ISOMETRIC VIEW



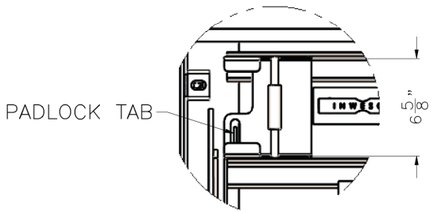
FRONT VIEW



FRONT VIEW
FRAME



BOTTOM VIEW
FRAME&COVER



PADLOCK DETAIL

NOTE:
Frame & Covers shall be hot dip galvanized.

Component Parts:

A. Tread Plate Shock Assist Covers
B. Bolt Down Frame Assembly
C. Kick stand.
D. Locking mechanism (Square nut 1/2").
E. Lift handle.
F. ID plate (Per request).
G. Shock
H. Frame Bolt down – 5/8"X1-1/4" Slot
I. Padlock

Loading:

Suitable For H-20 Wheel Loading In Off-Street Location Where Not Subjected To High-Density traffic.

STANDARD SHEET PROVIDED BY THE CITY OF EDMOND.
DESIGN ENGINEER NOT RESPONSIBLE FOR CONTENT.

Design	RWR	04-04-25
Drawn	SB	04-04-25

TEC A CLEAR DIRECTION

GROUND BOX DETAILS

State Job No. 38090(04) Sheet No. T065

OKLAHOMA COUNTY

04-04-25 G:\OIProjects\T-2800 - SD\SignalDesign at Danforth and Kelly - Edmond, OK\CAD\T065-240406-GROUND BOX DETAILS.dgn

REVISIONS		
NO.	DESCRIPTION	DATE

PUSH BUTTON NOTE:
THE POLE ENLARGEMENT DETAIL IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE PLACEMENT OF THE 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 ACCESSIBLE FROM THE ADJACENT SIDEWALK. THE HANDHOLE SHALL NOT CONFLICT WITH THE PUSH BUTTON LOCATIONS AS SHOWN.

RADAR PRESENCE DETECTION:
RADAR VEHICLE DETECTION WILL BE PROVIDED FOR THIS INTERSECTION. THE DETECTOR LOOPS SHOWN ON THE PAVEMENT ARE SHOWN ONLY TO DEPICT THE AREAS OF DETECTION FOR THE RADAR PRESENCE DETECTION UNITS ALONG WITH THE PHASES THAT EACH RADAR PRESENCE DETECTOR UNIT WILL CALL.

POLE "K"
STA. 29+33.1, 73.3'LT

POLE "L"
STA. 29+34.8, 81.6'LT

POLE "E"
STA. 29+14.4, 63.6'LT

POLE "B"
STA. 30+58.5, 99.3'LT

POLE "G"
STA. 30+58.3, 86.0'LT

CONTROLLER "A"
4 - 3" CONDUIT TO P.B.

POLE "J"
STA. 29+35.8, 50.0'RT

POLE "D"
STA. 29+53.5, 74.4'RT

POLE "C"
STA. 30+78.6, 31.5'RT

POLE "H"
STA. 30+54.7, 44.8'RT

POLE "I"
STA. 30+49.3, 55.6'LT

QUAD 36'X6'

0 20' 40'

N

TABLE # 1 SIGNAL HEADS

SIGNAL HEAD NUMBER	NUMBER AND TYPE	MOUNTING	VISOR	BACKPLATE
3,4,7,8,12,13,17,18,19	9 - ONEWAY (S-6)	MAST ARM	V-1	B-2
1,2,5,6,10,11,15,16	8 - ONEWAY (S-9)	MAST ARM	V-1	B-2
9,14	2 - ONEWAY (S-19)R	CLAMP	V-1	B-2
20,21,22,23,24,25,26,27	8 - ONEWAY (S-20)	CLAMP	--	--

TABLE # 2 MAST ARMS & POLES

LOCATION	MOUNTING HT.	MAST ARMS LENGTHS	FOUNDATION
B	32'	60' T.S. & 10' LUM	S-55
C	32'	50' T.S. & 10' LUM	S-55
D	32'	50' T.S. & 10' LUM	S-55
E	32'	50' T.S. & 10' LUM	S-55
G,H,I,J,K,L	10'	6 - PED. POLES	P-3

TABLE # 3 ELECTRICAL CABLE

ELECTRICAL CABLE TO CONTROLLER "A" LOCATION

B-21C	C-21C	D-21C/5C	E-21C		G-7C/5C	H-5C/5C	I-5C/5C
J-5C/5C	K-5C/5C	L-5C/5C					

LEGEND

- 1½" ELECT. CONDUIT
- 2" ELECT. CONDUIT
- 3" ELECT. CONDUIT
- 4" ELECT. CONDUIT
- EXISTING CONDUIT
- SIZE I PULL BOX
- EXISTING PULL BOX
- SIZE III PULL BOX
- SERVICE POLE
- CONTROLLER
- PEDESTRIAN PUSH BUTTON
- WALK AND DON'T WALK
- SIGNAL HEAD WITH BACKPLATE
- LUMINAIRE WITH MAST ARM
- OPTICAL DETECTOR
- RADAR DETECTION
- CCTV CAMERA
- STREET NAME SIGN
- MAST ARM WITH POLE
- SIGNAL HEAD NO.
- MAST ARM & POLE WITH ABOVE SYMBOLS
- DETECTOR LOOP/ VIDEO DETECTION AREA

MICHAEL S. HOFENER, P.E. # 23310
C.A. # 1160, RENEWAL 06-30-25
03-15-25
DATE
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REGISTERED PROFESSIONAL ENGINEER — MICHAEL S. HOFENER — 23310 — OKLAHOMA

Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC — A CLEAR DIRECTION

SIGNAL PLAN
N. KELLY AVE. & W. DANFORTH RD.

State Job No. 38090(04) Sheet No. T066

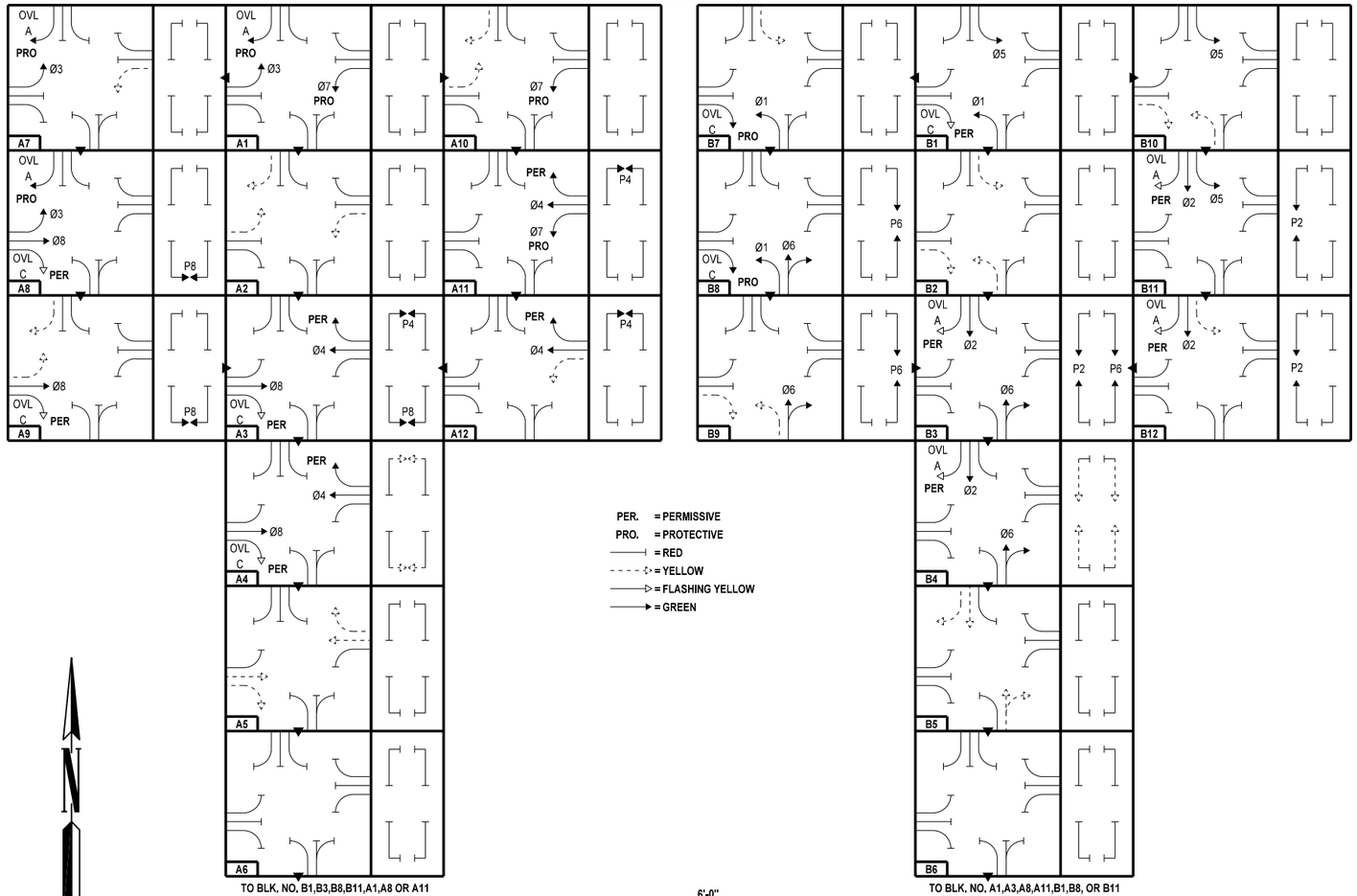
OKLAHOMA COUNTY

03-14-25 G:\OII\Projects\T-2800 - SD\SignalDesign at Danforth and Kelly - Edmond, OK\CAD\T066-240406-SIGNAL PLAN N.KELLY AVE.& W.DANFORTH RD.dgn

REVISIONS		
NO.	DESCRIPTION	DATE

PHASING DIAGRAM

PHASE "A"	PHASE "B"
W. DANFORTH RD.	N. KELLY AVE.



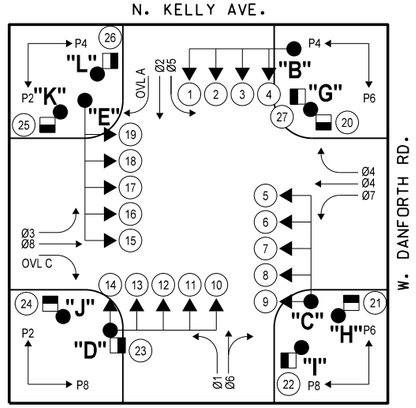
SEQUENCE CHART

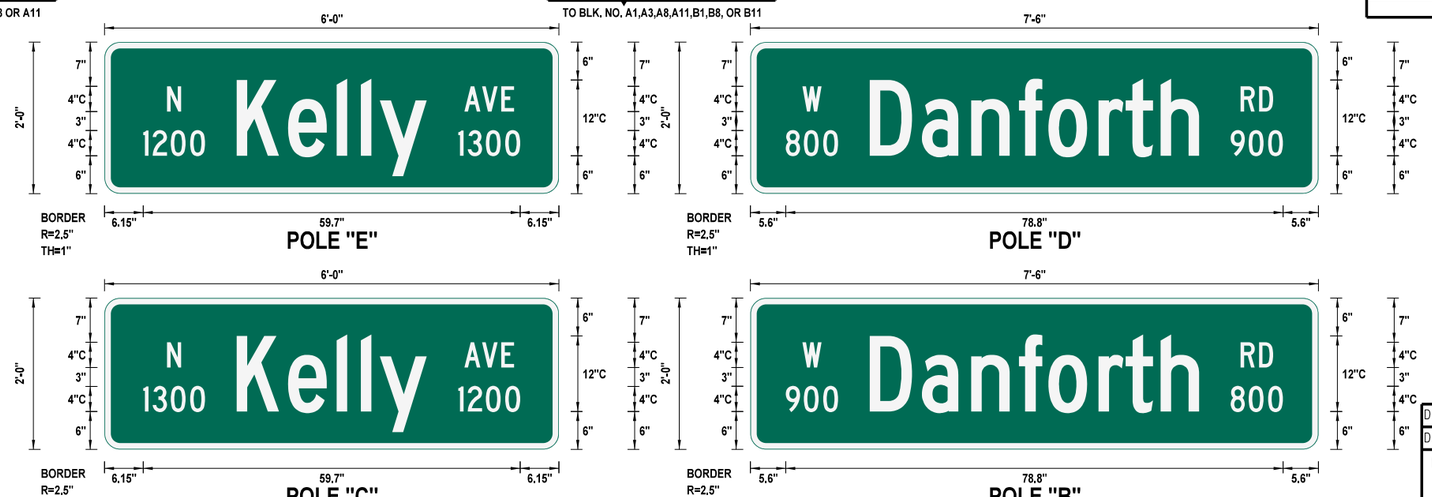
DIRECTION	BLOCK NO.	PHASE Ø1	Ø6	Ø3	Ø8	OVL C	Ø5	Ø2	OVL A	Ø7	Ø4	P6	P8	P2	P4
		SIGNAL HEAD NO. 1,2	3,4	5,6	7,8	9	10,11	12,13	14	15,16	17,18, 19	20,21	22,23	24,25	26,27
OVL A, Ø3, Ø7 ROW	A1	~~R~~	R	~~G~~	R	~~R~~	~~R~~	R	~~G~~	~~G~~	R	DW	DW	DW	DW
OVL A, Ø3, Ø7 CL	A2	~~R~~	R	~~Y~~	R	~~R~~	~~R~~	R	~~Y~~	~~Y~~	R	DW	DW	DW	DW
OVL B, Ø4, OVL C, Ø8, P4, P8 ROW	A3	~~R~~	R	~~R~~	G	~~FY~~	~~R~~	R	~~R~~	~~R~~	G	DW	W	DW	W
OVL B, Ø4, OVL C, Ø8 ROW & P4, P8 CL	A4	~~R~~	R	~~R~~	G	~~FY~~	~~R~~	R	~~R~~	~~R~~	G	DW	FDW	DW	FDW
OVL B, Ø4, OVL C, Ø8 CL	A5	~~R~~	R	~~R~~	Y	~~Y~~	~~R~~	R	~~R~~	~~R~~	Y	DW	DW	DW	DW
ALL RED	A6	~~R~~	R	~~R~~	R	~~R~~	~~R~~	R	~~R~~	~~R~~	R	DW	DW	DW	DW
OVLA, Ø3 ROW & Ø7 CL	A7	~~R~~	R	~~G~~	R	~~R~~	~~R~~	R	~~G~~	~~Y~~	R	DW	DW	DW	DW
OVL A, Ø3, Ø8, OVL C, P8 ROW	A8	~~R~~	R	~~G~~	G	~~FY~~	~~R~~	R	~~G~~	~~R~~	R	DW	W	DW	DW
OVL C, Ø8, P6 ROW & OVL A, Ø3 CL	A9	~~R~~	R	~~Y~~	G	~~FY~~	~~R~~	R	~~Y~~	~~R~~	R	DW	W	DW	DW
Ø7 ROW & OVL A, Ø3 CL	A10	~~R~~	R	~~Y~~	R	~~R~~	~~R~~	R	~~Y~~	~~G~~	R	DW	DW	DW	DW
OVL B, Ø4, Ø7, P4 ROW	A11	~~R~~	R	~~R~~	R	~~R~~	~~R~~	R	~~R~~	~~G~~	G	DW	DW	DW	W
OVL B, Ø4, P4 ROW & Ø7 CL	A12	~~R~~	R	~~R~~	R	~~R~~	~~R~~	R	~~R~~	~~Y~~	G	DW	DW	DW	W
OVL B, Ø5, Ø1, OVL C ROW	B1	~~G~~	R	~~R~~	R	~~FY~~	~~G~~	R	~~R~~	~~R~~	R	DW	DW	DW	DW
OVL B, Ø5, Ø1, OVL C CL	B2	~~Y~~	R	~~R~~	R	~~Y~~	~~Y~~	R	~~R~~	~~R~~	R	DW	DW	DW	DW
OVL A, Ø2, Ø6, P2, P6 ROW	B3	~~R~~	G	~~R~~	R	~~R~~	~~R~~	G	~~FY~~	~~R~~	R	W	DW	W	DW
OVL A, Ø2, Ø6 ROW & P2, P6 CL	B4	~~R~~	G	~~R~~	R	~~R~~	~~R~~	G	~~FY~~	~~R~~	R	FDW	DW	FDW	DW
OVL A, Ø2, Ø6 CL	B5	~~R~~	Y	~~R~~	R	~~R~~	~~R~~	Y	~~Y~~	~~R~~	R	DW	DW	DW	DW
ALL RED	B6	~~R~~	R	~~R~~	R	~~R~~	~~R~~	R	~~R~~	~~R~~	R	DW	DW	DW	DW
OVL C, Ø1 ROW & OVL B, Ø5 CL	B7	~~G~~	R	~~R~~	R	~~G~~	~~Y~~	R	~~R~~	~~R~~	R	DW	DW	DW	DW
OVL C, Ø1, Ø6, P6 ROW	B8	~~G~~	G	~~R~~	R	~~G~~	~~R~~	R	~~R~~	~~R~~	R	W	DW	DW	DW
Ø6, P6 ROW & OVL C, Ø1 CL	B9	~~Y~~	G	~~R~~	R	~~Y~~	~~R~~	R	~~R~~	~~R~~	R	W	DW	DW	DW
OVL B, Ø5 ROW & OVL C, Ø1 CL	B10	~~Y~~	R	~~R~~	R	~~Y~~	~~G~~	R	~~R~~	~~R~~	R	DW	DW	DW	DW
OVL A, Ø2, Ø5, OVL B, P2 ROW	B11	~~R~~	R	~~R~~	R	~~R~~	~~G~~	G	~~FY~~	~~R~~	R	DW	DW	W	DW
OVL A, Ø2, P2 ROW & OVL B, Ø5 CL	B12	~~R~~	R	~~R~~	R	~~R~~	~~Y~~	G	~~FY~~	~~R~~	R	DW	DW	W	DW
FLASHING OPERATION	–	~~FR~~	FR	~~FR~~	FR	FR	~~FR~~	FR	FR	~~FR~~	FR	–	--	–	–

SUMMARY OF MAST ARM MOUNTED SIGNS

MESSAGE	POLE LOCATION	NO. OF SIGN	LENGTH (IN.)	HEIGHT (IN.)	LEGEND (IN.)	SIGN AREA (SQ.FT.)	TOTAL SIGN AREA (SQ.FT.)
W Danforth RD	B,D	2	90.0	24.0	78.8	15.00	30.00
N Kelly AVE	C,E	2	72.0	24.0	59.7	12.00	24.00
R3-4	B,C,E	3	30.0	30.0	--	6.25	18.75
						TOTAL	72.75

INTERSECTION PHASING & SIGNAL HEAD NO.'S





PRIMARY DIRECTION = 9" SERIES 'C' STANDARD HIGHWAY (WHITE)
NUMBER / NAME = 12" SERIES 'C' STANDARD HIGHWAY (WHITE)
NUMBER SUFFIX = 9" SERIES 'C' STANDARD HIGHWAY (WHITE)
SECONDARY DIRECTION = 9" SERIES 'C' STANDARD HIGHWAY (WHITE)
STREET TYPE = 9" SERIES 'C' STANDARD HIGHWAY (WHITE)
BLOCK NUMBER = 7" SERIES 'C' STANDARD HIGHWAY (WHITE)

SHEETING = DIAMOND GRADE VIP (WHITE)
OVERLAY = ELECTRONIC CUTTABLE OVERLAY FILM (GREEN)

MICHAEL S. HOFENER, P.E. # 23310
C.A. # 1160, RENEWAL 06-30-25

03-15-25
DATE

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2770 Washington Dr., Suite 100 - Norman Ok 73069,
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REGISTERED PROFESSIONAL ENGINEER MICHAEL S. HOFENER 23310 OKLAHOMA

Design	RWR	03-14-25
Drawn	SB	03-14-25

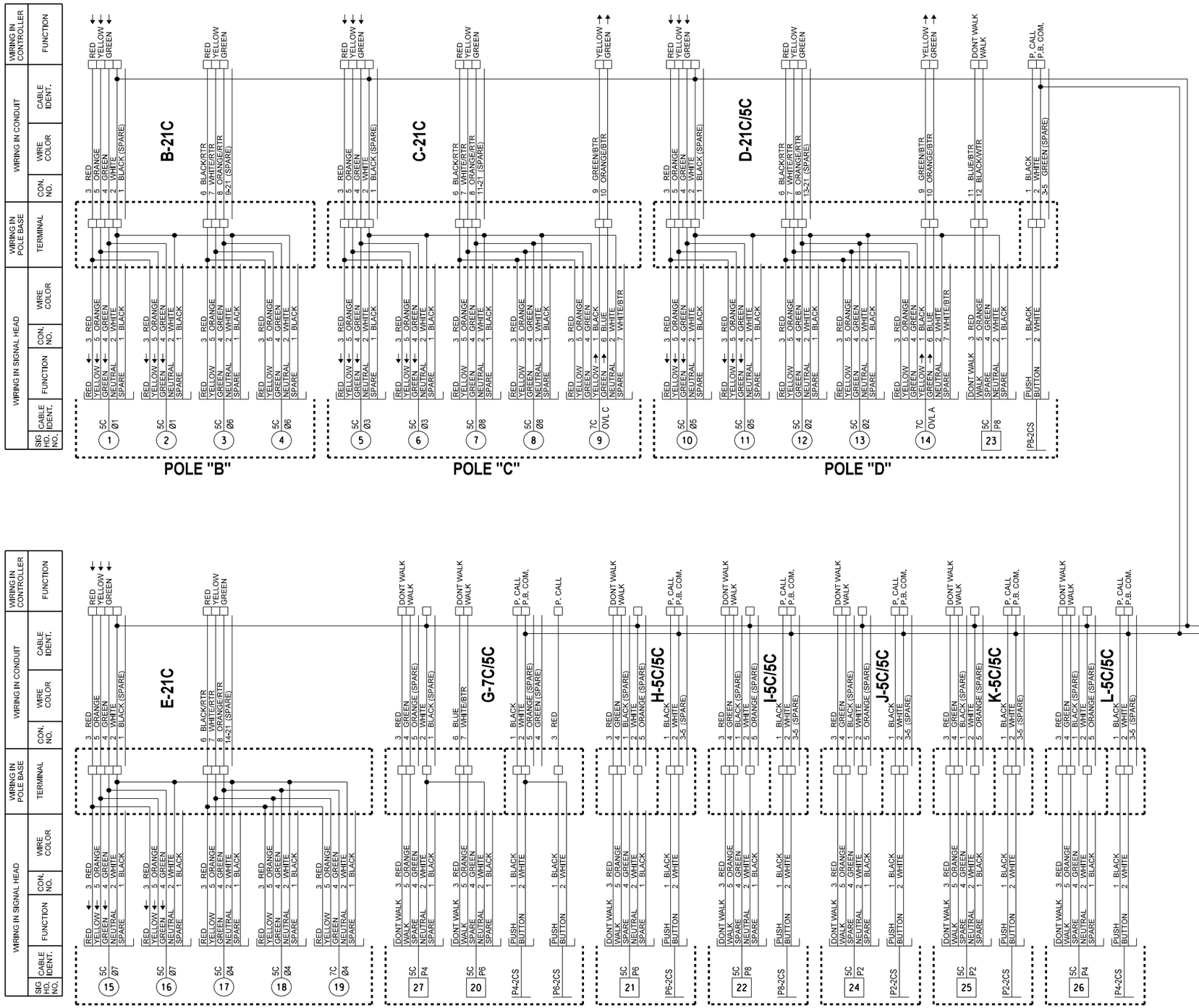
TEC A CLEAR DIRECTION

SIGNAL DETAIL
N. KELLY AVE. & W. DANFORTH RD.

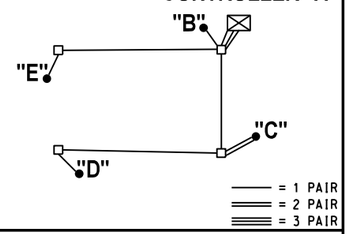
State Job No. 38090(04) Sheet No. T067

OKLAHOMA COUNTY

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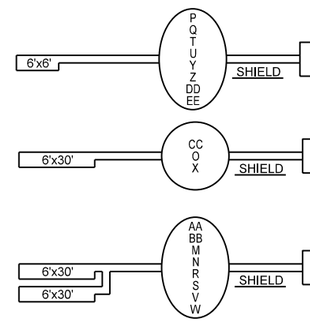


CONTROLLER "A"

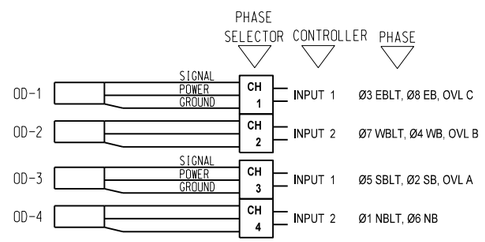


NOTE: STREET LIGHT WIRING

ONE PAIR EQUALS TWO CONDUCTORS (1/C-10AWG COPPER) ONE BLACK, ONE WHITE. CONDUCTORS SHALL BE SPLICED ONLY AT THE TERMINAL BLOCK AT EACH POLE BASE. A FUSE HOLDER SHALL BE PROVIDED IN THE HANDHOLE OF EACH COMBINATION TRAFFIC SIGNAL AND STREET LIGHT POLE. THE FUSE HOLDER SHALL BE INSTALLED IN THE LINE SIDE CONDUCTOR FOR THE LUMINAIRE. THE FUSE HOLDER SHALL BE A WATERPROOF INLINE FUSE HOLDER. IT SHALL BE SIMILAR TO BUSSMAN MFG. CO. TYPE "TRON" HEB. OR OTHER APPROVED EQUAL. COMPLETE WITH A PROPERLY SIZED TYPE KTK FUSE.



AREA DETECTION DETAILS



PRE-EMPTOR DETAILS

NOTE:
IF JUMPERS OR OTHER CONNECTIONS ARE MADE IN THE FIELD DURING INSTALLATION, AND ARE ACCEPTED BY THE ENGINEER THIS SHOULD BE SHOWN ON THE WIRING DIAGRAM FOR FUTURE REFERENCE.

REVISIONS		
NO.	DESCRIPTION	DATE

MICHAEL S. HOFENER, P.E. # 23310
C.A. # 1160, RENEWAL 06-30-25

03-15-25
DATE

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Design	RWR	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

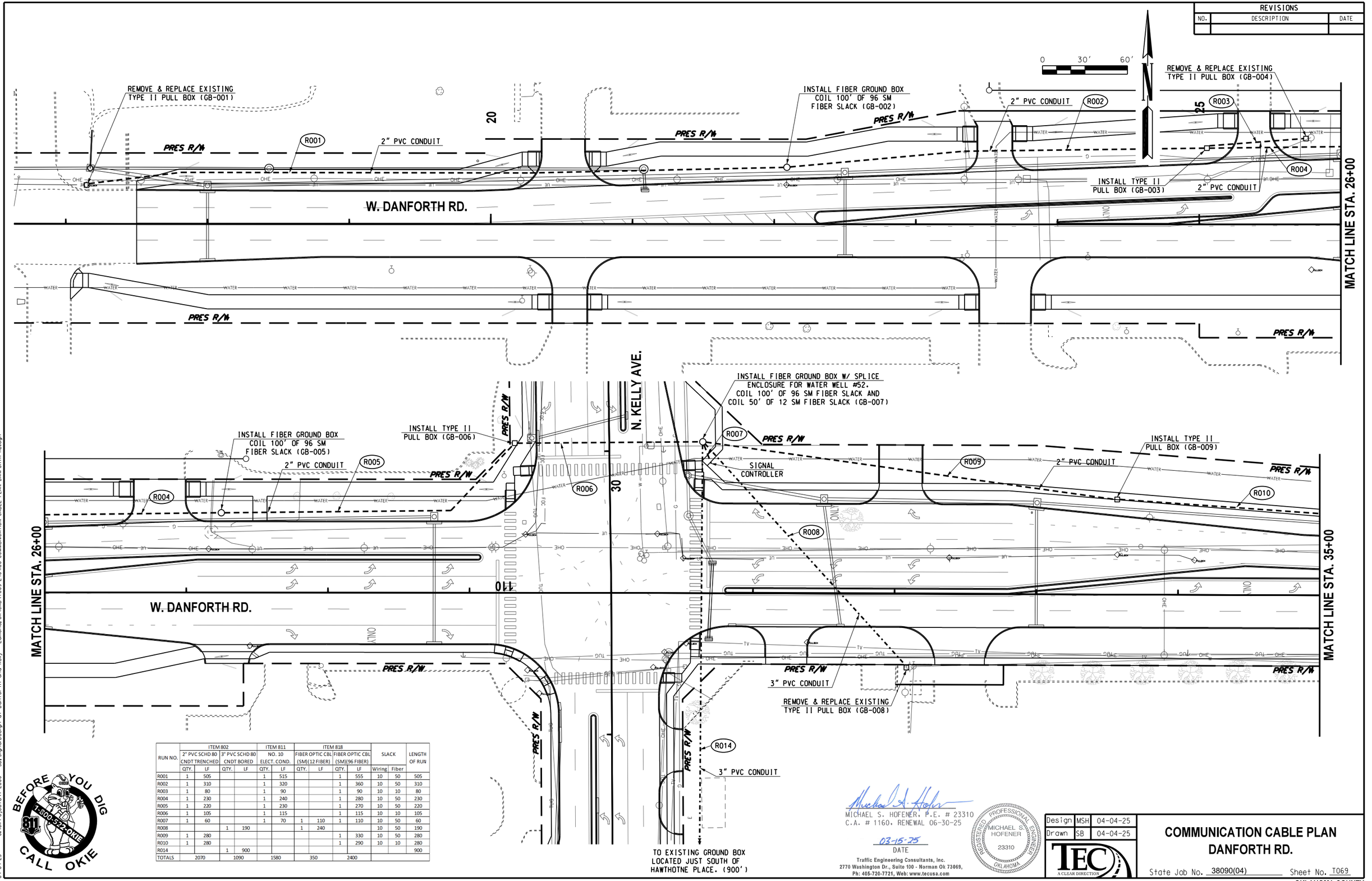
SIGNAL WIRING DIAGRAM
N. KELLY AVE. & W. DANFORTH RD.

State Job No. 38090(04) Sheet No. T068

OKLAHOMA COUNTY

03-14-25 G:\OP\Projects\17-2800 - SD\SignalDesign at Danforth and Kelly - Edmond, OK\CAD\T068-240406-SIGNAL WIRING DIAGRAM N.KELLY AVE.& W.DANFORTH RD.dgn

REVISIONS		
NO.	DESCRIPTION	DATE



RUN NO.	ITEM 802				ITEM 811		ITEM 818				SLACK		LENGTH OF RUN
	2" PVC SCHD 80 CNDT TRENCHED		3" PVC SCHD 80 CNDT BORED		NO. 10 ELECT. COND.		FIBER OPTIC CBL (SM)(12 FIBER)		FIBER OPTIC CBL (SM)(96 FIBER)				
	QTY.	LF	QTY.	LF	QTY.	LF	QTY.	LF	QTY.	LF	Wiring	Fiber	
R001	1	505			1	515			1	555	10	50	505
R002	1	310			1	320			1	360	10	50	310
R003	1	80			1	90			1	90	10	10	80
R004	1	230			1	240			1	280	10	50	230
R005	1	220			1	230			1	270	10	50	220
R006	1	105			1	115			1	115	10	10	105
R007	1	60			1	70	1	110	1	110	10	50	60
R008			1	190			1	240			10	50	190
R009	1	280							1	330	10	50	280
R010	1	280							1	290	10	10	280
R014			1	900									900
TOTALS	2070		1090		1580		350		2400				

BEFORE YOU DIG 811 1-800-522-OKIE CALL OKIE

MICHAEL S. HOFENER, P.E. # 23310
C.A. # 1160, RENEWAL 06-30-25

03-15-25
DATE

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Design	MSH	04-04-25
Drawn	SB	04-04-25

TEC A CLEAR DIRECTION

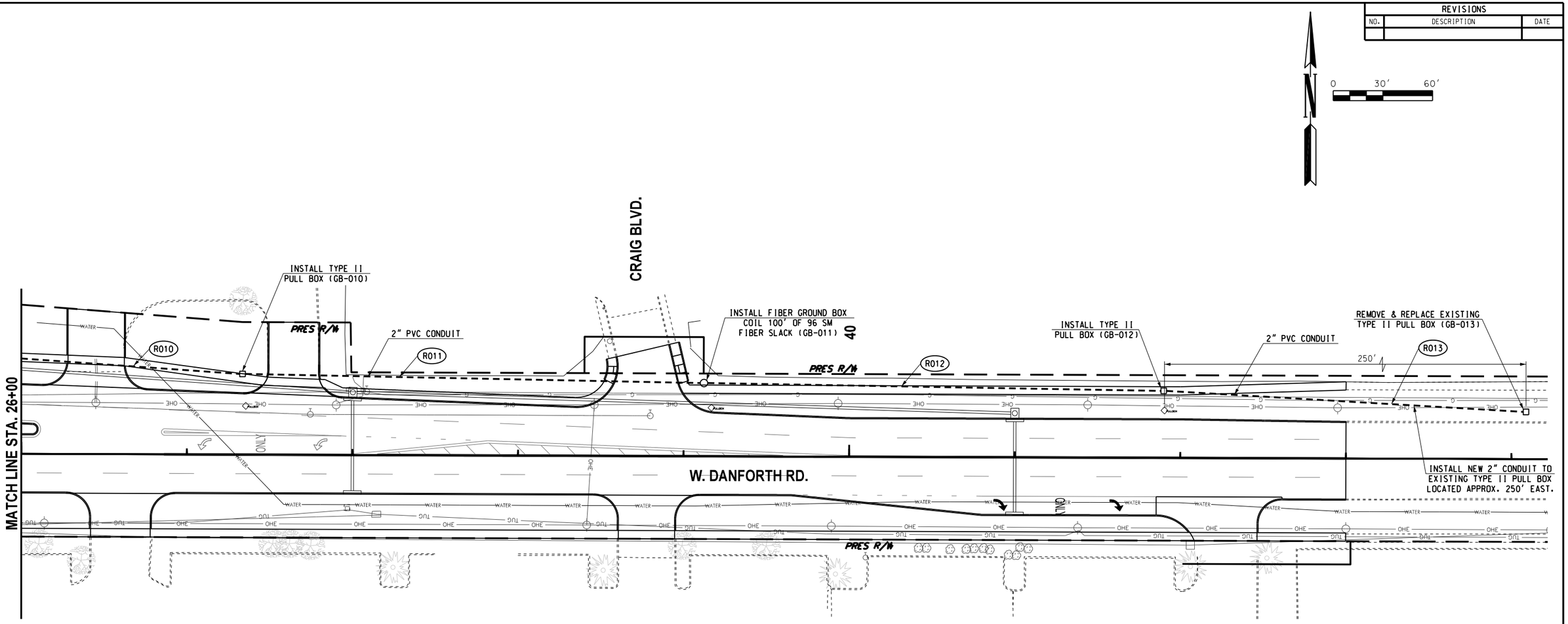
COMMUNICATION CABLE PLAN DANFORTH RD.

State Job No. 38090(04) Sheet No. T069

OKLAHOMA COUNTY

04-04-25 G:\O\Projects\T-2800 - SD, SignalDesign at Danforth and Kelly - Edmond, OK\CAD\T069-240406-COMMUNICATION CABLE PLAN DANFORTH RD.dgn

REVISIONS		
NO.	DESCRIPTION	DATE



RUN NO.	ITEM 802				ITEM 811		ITEM 818				SLACK		LENGTH OF RUN
	2" PVC SCHD 80 CNDT TRENCHED		3" PVC SCHD 80 CNDT BORED		NO. 10 ELECT. COND.		FIBER OPTIC CBL (SM)(12 FIBER)		FIBER OPTIC CBL (SM)(96 FIBER)				
	QTY.	LF	QTY.	LF	QTY.	LF	QTY.	LF	QTY.	LF	Wiring	Fiber	
R011	1	290			1	300			1	340	10	50	290
R012	1	290			1	300			1	340	10	50	290
R013	1	260			1	270			1	270	10	10	260
TOTALS	840		0		870		0		950				

BEFORE YOU DIG
811
1-800-522-OKIE
CALL OKIE

MICHAEL S. HOFENER, P.E. # 23310
C.A. # 1160, RENEWAL 06-30-25

03-15-25
DATE

Traffic Engineering Consultants, Inc.
2770 Washington Dr., Suite 100 - Norman Ok 73069,
Ph: 405-726-7721, Web: www.tecusa.com

REGISTERED PROFESSIONAL ENGINEER
MICHAEL S. HOFENER
23310
OKLAHOMA

Design	MSH	03-14-25
Drawn	SB	03-14-25

TEC
A CLEAR DIRECTION

COMMUNICATION CABLE PLAN
DANFORTH RD. (2 OF 2)

State Job No. 38090(04) Sheet No. T070

OKLAHOMA COUNTY

03-14-25 G:\OIProjects\T-2800 - SD, SignalDesign at Danforth and Kelly - Edmond, OK\CAD\T070-240406-COMMUNICATION CABLE PLAN DANFORTH RD, (2 OF 2).dgn



R10-12ML (MODIFIED LEFT)
30"X36"
LEGEND, SYMBOL & BORDER - BLACK NON-REFLECTIVE
ARROW - YELLOW REFLECTIVE
BACKGROUND - WHITE REFLECTIVE

RADAR PRESENCE DETECTION:
RADAR VEHICLE DETECTION WILL BE PROVIDED FOR THIS INTERSECTION. THE DETECTOR LOOPS SHOWN ON THE PAVEMENT ARE SHOWN ONLY TO DEPICT THE AREAS OF DETECTION FOR THE RADAR PRESENCE DETECTION UNITS ALONG WITH THE PHASES THAT EACH RADAR PRESENCE DETECTOR UNIT WILL CALL.

PUSH BUTTON NOTE:
THE POLE ENLARGEMENT DETAIL IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE PLACEMENT OF THE 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 ACCESSIBLE FROM THE ADJACENT SIDEWALK. THE HANDHOLE SHALL NOT CONFLICT WITH THE PUSH BUTTON LOCATIONS AS SHOWN.

TABLE # 1 SIGNAL HEADS

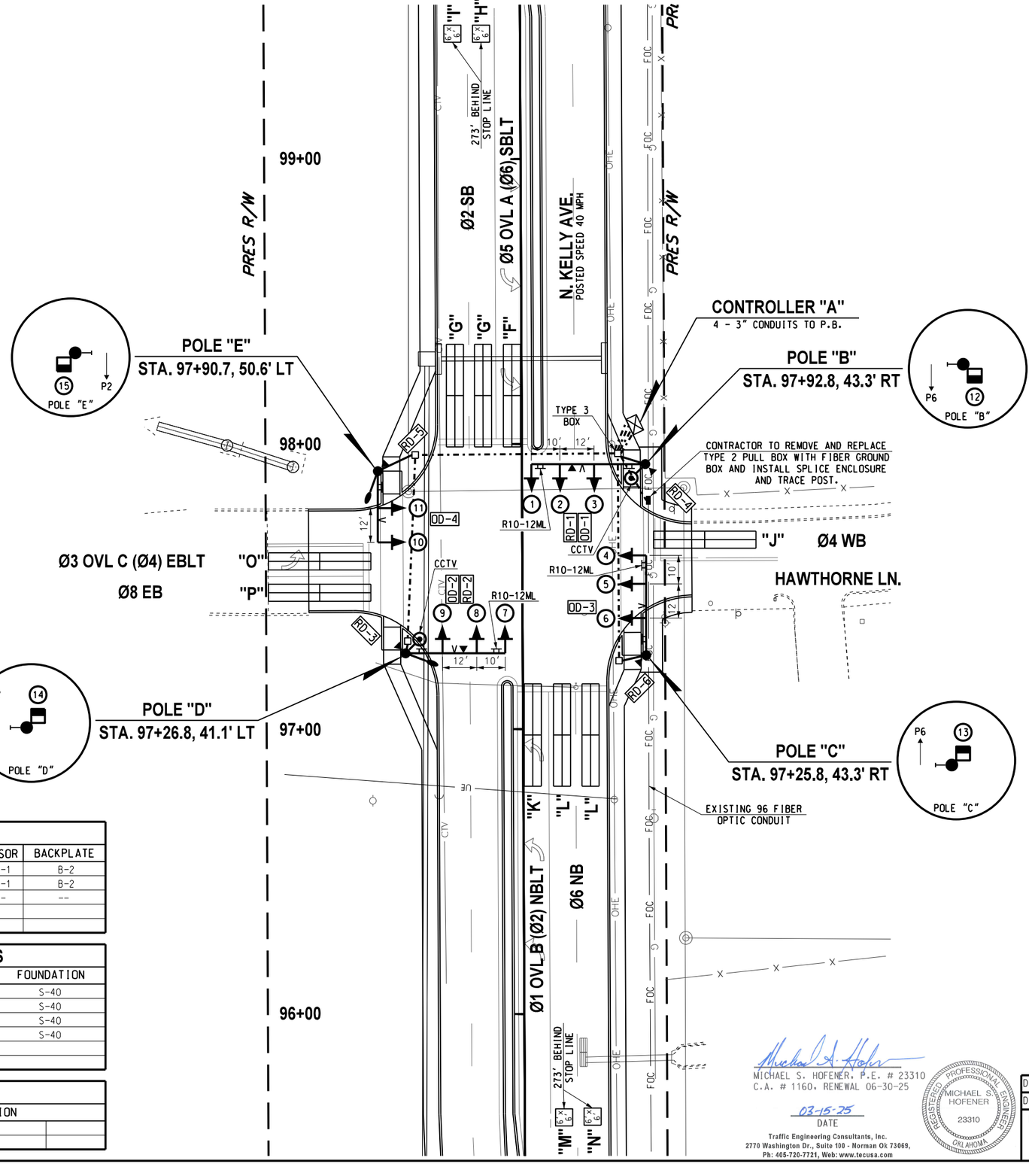
SIGNAL HEAD NUMBER	NUMBER AND TYPE	MOUNTING	VISOR	BACKPLATE
1.4.7	3 - ONEWAY (S-13)L	MAST ARM	V-1	B-2
2.3.5.6.8.9.10.11	8 - ONEWAY (S-6)	MAST ARM	V-1	B-2
12.13.14.15	4 - ONEWAY (S-20)	CLAMP	--	--

TABLE # 2 MAST ARMS & POLES

LOCATION	MOUNTING HT.	MAST ARMS LENGTHS	FOUNDATION
B	21'	40' T.S.	S-40
C	21'	35' T.S.	S-40
D	32'	35' T.S. & 10' LUM.	S-40
E	32'	25' T.S. & 10' LUM.	S-40

TABLE # 3 ELECTRICAL CABLE

ELECTRICAL CABLE TO CONTROLLER "A" LOCATION							
B-21C/5C	C-21C/5C	D-21C/5C	E-21C/5C				



REVISIONS		
NO.	DESCRIPTION	DATE

LEGEND
- 1½" ELECT. CONDUIT
- 2" ELECT. CONDUIT
- 3" ELECT. CONDUIT
- 4" ELECT. CONDUIT
- EXISTING CONDUIT
- SIZE I PULL BOX
- EXISTING PULL BOX
- SERVICE POLE
- CONTROLLER
- PEDESTRIAN PUSH BUTTON
- WALK AND DON'T WALK
- SIGNAL HEAD WITH BACKPLATE
- LUMINAIRE WITH MAST ARM
- OPTICAL DETECTOR
- RADAR DETECTION
- CCTV CAMERA
- STREET NAME SIGN
- MAST ARM WITH POLE
- SIGNAL HEAD NO.
- MAST ARM & POLE WITH ABOVE SYMBOLS
- DETECTOR LOOP/ VIDEO DETECTION AREA

BEFORE YOU DIG 811 1-800-522-OKIE CALL OKIE

MICHAEL S. HOFENER, P.E. # 23310
C.A. # 1160, RENEWAL 06-30-25
03-15-25
DATE

REGISTERED PROFESSIONAL ENGINEER MICHAEL S. HOFENER 23310 OKLAHOMA

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Ph: 405-720-7721, Web: www.tecusa.com

Design	MSH	03-14-25
Drawn	SB	03-14-25

TEC A CLEAR DIRECTION

SIGNAL PLAN
N. KELLY AVE. & HAWTHORNE LN.

State Job No. 38090(04) Sheet No. T071

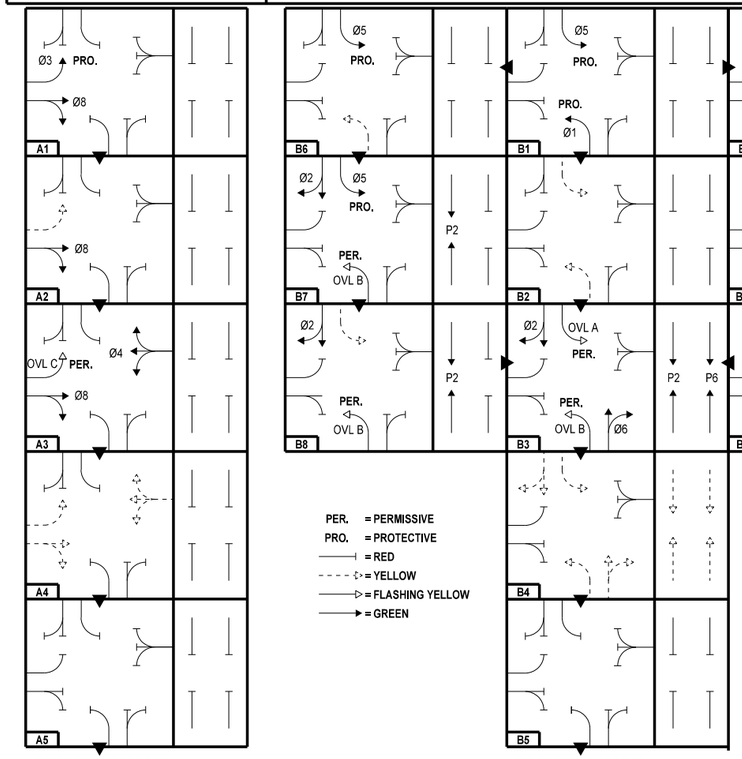
OKLAHOMA COUNTY

G:\0Projects\1-2972 - SO_Kelly Ave and Hawthorne Pl - Edmond, OK\CAD\T071-240106-SIGNAL PLAN N.KELLY AVE.& HAWTHORNE LN.dgn
03-14-25

REVISIONS		
NO.	DESCRIPTION	DATE

PHASING DIAGRAM

PHASE "A"	PHASE "B"
W. HAWTHORN LN.	N. KELLY AVE.



TO: A1, B1, B3, B7 OR B10

TO: B1, B7, B10, A1 OR A3

SEQUENCE CHART

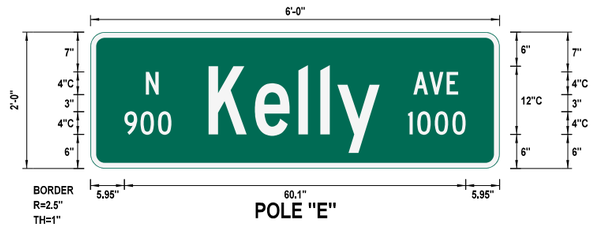
DIRECTION	BLOCK NO.	PHASE Ø1 OVL B	Ø6	Ø3 OVL C	Ø8	Ø5 OVL A	Ø2	Ø4	P6	P2
		SIGNAL HEAD NO. 1	2,3	4	5,6	7	8,9	10,11	12,13	14,15
Ø3, Ø8 ROW	A1	◄R	R	◄G	G	◄R	R	R	DW	DW
Ø8 ROW & Ø3 CL	A2	◄R	R	◄Y	G	◄R	R	R	DW	DW
Ø4, Ø8, OVL C ROW	A3	◄R	R	◁F Y	G	◄R	R	G	DW	DW
Ø4, Ø8, OVL C CL	A4	◄R	R	◄Y	Y	◄R	R	Y	DW	DW
ALL RED	A5	◄R	R	◄R	R	◄R	R	R	DW	DW
Ø1, Ø5 ROW	B1	◄G	R	◄R	R	◄G	R	R	DW	DW
Ø1, Ø5 CL	B2	◄Y	R	◄R	R	◄Y	R	R	DW	DW
Ø2, Ø6, OVL A, OVL B, P2, P6 ROW	B3	◁F Y	G	◄R	R	◁F Y	G	R	W	W
Ø2, Ø6, OVL A, OVL B, P2, P6 CL	B4	◄Y	Y	◄R	R	◄Y	Y	R	FDW	FDW
ALL RED	B5	◄R	R	◄R	R	◄R	R	R	DW	DW
Ø1 CL & Ø5 ROW	B6	◄Y	R	◄R	R	◄G	R	R	DW	DW
Ø2, Ø5, OVL B, P2 ROW	B7	◁F Y	R	◄R	R	◄G	G	R	DW	W
Ø2, OVL B, P2 ROW & Ø5 CL	B8	◁F Y	R	◄R	R	◄Y	G	R	DW	W
Ø1 ROW & Ø5 CL	B9	◄G	R	◄R	R	◄Y	R	R	DW	DW
Ø1, Ø6, OVL A, P6 ROW	B10	◄G	G	◄R	R	◁F Y	R	R	W	DW
Ø6, OVL A, P6 ROW & Ø1 CL	B11	◄Y	G	◄R	R	◁F Y	R	R	W	DW
FLASHING OPERATION	--	◄FR	FR	◄FR	FR	◄FR	FR	FR	-	-

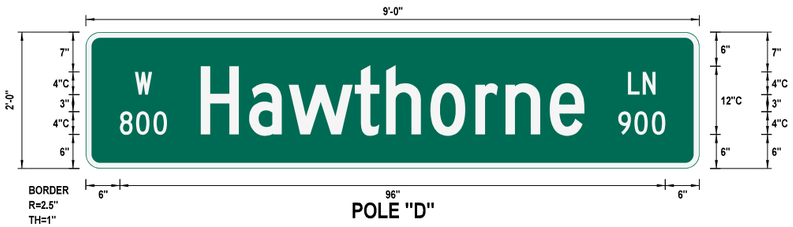
SUMMARY OF MAST ARM MOUNTED SIGNS

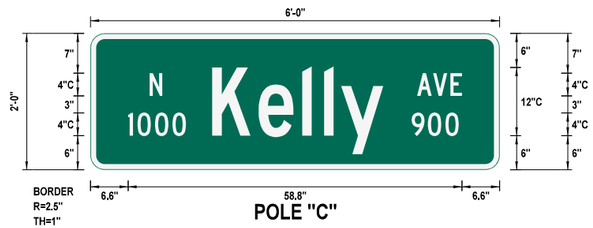
MESSAGE	POLE LOCATION	NO. OF SIGN	LENGTH (IN.)	HEIGHT (IN.)	LEGEND (IN.)	SIGN AREA (SQ.FT.)	TOTAL SIGN AREA (SQ.FT.)
W Hawthorne LN	B,D	2	108.0	24.0	96.0	18.00	36.00
N Kelly AVE	C,E	2	72.0	24.0	60.1	12.00	24.00
R10-12ML	B.C.D	3	30.0	36.0	--	7.50	22.50
						TOTAL	82.50

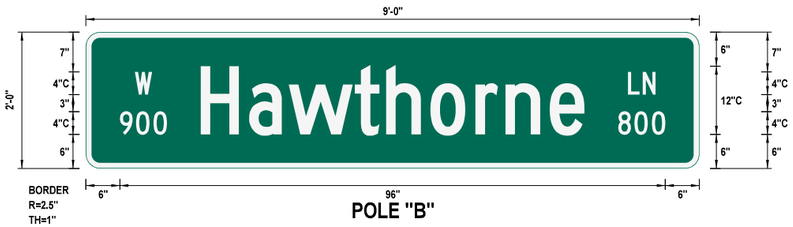
PRIMARY DIRECTION = 9" SERIES 'C' STANDARD HIGHWAY (WHITE)
NUMBER / NAME = 12" SERIES 'C' STANDARD HIGHWAY (WHITE)
NUMBER SUFFIX = 9" SERIES 'C' STANDARD HIGHWAY (WHITE)
SECONDARY DIRECTION = 9" SERIES 'C' STANDARD HIGHWAY (WHITE)
STREET TYPE = 9" SERIES 'C' STANDARD HIGHWAY (WHITE)
BLOCK NUMBER = 7" SERIES 'C' STANDARD HIGHWAY (WHITE)

SHEETING = DIAMOND GRADE VIP (WHITE)
OVERLAY = ELECTRONIC CUTTABLE OVERLAY FILM (GREEN)

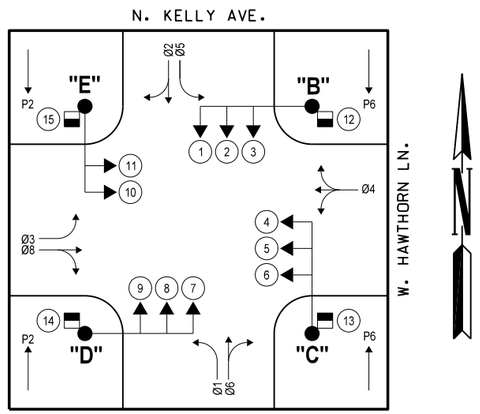








INTERSECTION PHASING & SIGNAL HEAD NO.'S



Michael S. Hofener
MICHAEL S. HOFENER, P.E. # 23310
C.A. # 1160, RENEWAL 06-30-25

03-15-25
DATE

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2770 Washington Dr., Suite 100 - Norman Ok 73069,
Ph: 405-720-7721, Web: www.tecusa.com

REGISTERED PROFESSIONAL ENGINEER
MICHAEL S. HOFENER
23310
OKLAHOMA

Design	RWR	03-14-25
Drawn	SB	03-14-25

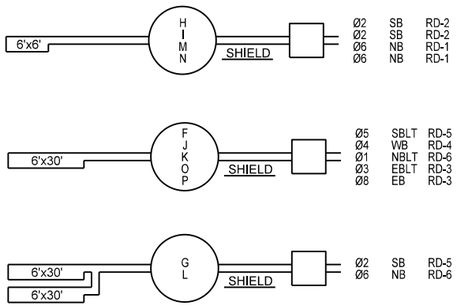
TEC A CLEAR DIRECTION

SIGNAL DETAIL
N. KELLY AVE. & W. HAWTHORN LN.

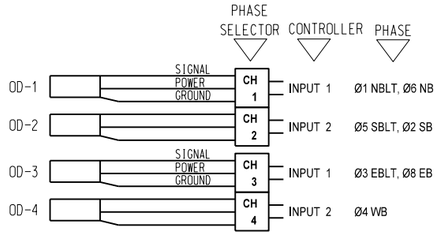
State Job No. 38090(04) Sheet No. T072

OKLAHOMA COUNTY

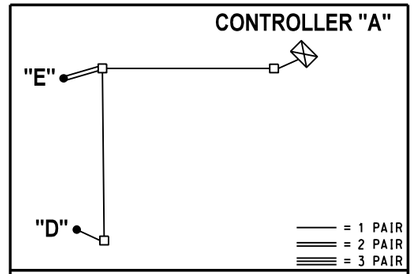
03-14-25 G:\0Projects\1-2912 - SD\Kelly Ave and Hawthorne Pl- Edmond, OK\CAD\T072-240406-SIGNAL DETAIL N.KELLY AVE. & W.HAWTHORN LN.dgn



AREA DETECTION DETAILS



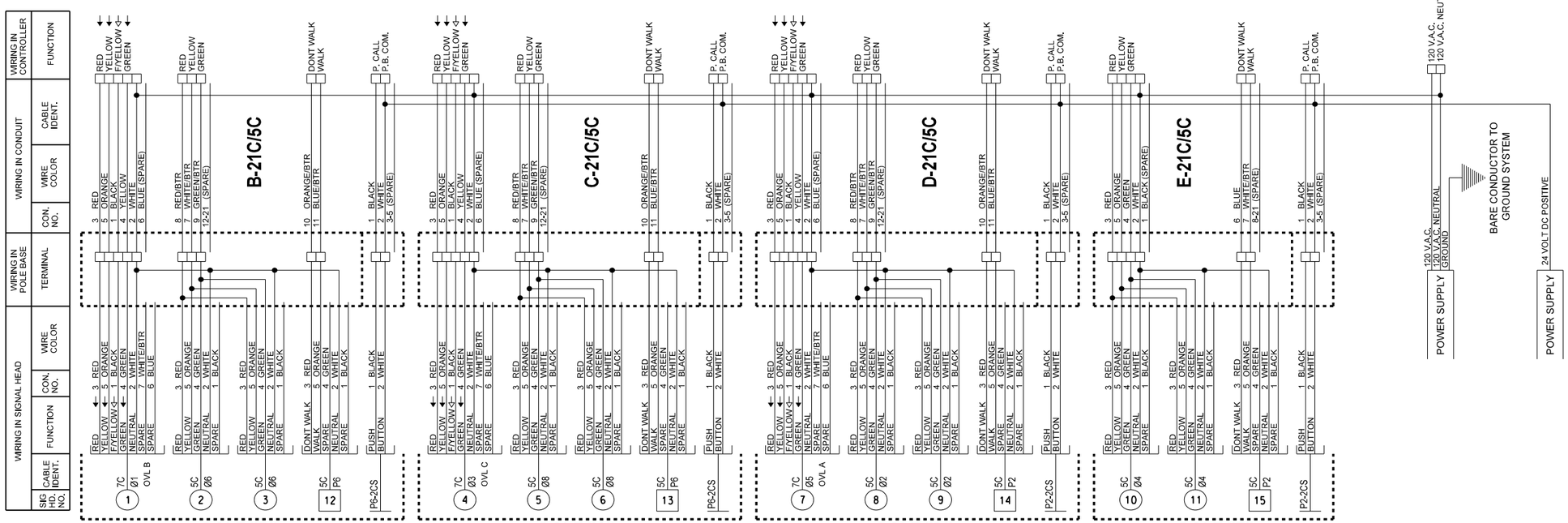
PRE-EMPTOR DETAILS



NOTE: STREET LIGHT WIRING

ONE PAIR EQUALS TWO CONDUCTORS (1/C-10AWG COPPER) ONE BLACK, ONE WHITE. CONDUCTORS SHALL BE SPLICED ONLY AT THE TERMINAL BLOCK AT EACH POLE BASE. A FUSE HOLDER SHALL BE PROVIDED IN THE HANDHOLE OF EACH COMBINATION TRAFFIC SIGNAL AND STREET LIGHT POLE. THE FUSE HOLDER SHALL BE INSTALLED IN THE LINE SIDE CONDUCTOR FOR THE LUMINAIRE. THE FUSE HOLDER SHALL BE A WATERPROOF INLINE FUSE HOLDER. IT SHALL BE SIMILAR TO BUSSMAN MFG. CO. TYPE "TRON" HEB. OR OTHER APPROVED EQUAL. COMPLETE WITH A PROPERLY SIZED TYPE KTK FUSE.

REVISIONS		
NO.	DESCRIPTION	DATE



NOTE:
IF JUMPERS OR OTHER CONNECTIONS ARE MADE IN THE FIELD DURING INSTALLATION, AND ARE ACCEPTED BY THE ENGINEER THIS SHOULD BE SHOWN ON THE WIRING DIAGRAM FOR FUTURE REFERENCE.

MICHAEL S. HOFENER, P.E. # 23310
C.A. # 1160, RENEWAL 06-30-25

03-15-25
DATE

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2770 Washington Dr., Suite 100 - Norman Ok 73069,
Ph: 405-720-7721, Web: www.tecusa.com

REGISTERED PROFESSIONAL ENGINEER MICHAEL S. HOFENER 23310 OKLAHOMA

Design	RWR	03-14-25
Drawn	CAL	03-14-25

TEC A CLEAR DIRECTION

SIGNAL WIRING DIAGRAM
N. KELLY AVE. & HAWTHORNE LN.

Project No. 38090(04) Sheet No. T073

OKLAHOMA COUNTY

03-14-25 G:\OP\Projects\T-2972 - SD_Kelly Ave and Hawthorne Pl- Edmond, OK\CAD\T073-240406-SIGNAL WIRING DIAGRAM N. KELLY AVE. & W. HAWTHORN LN..dgn

NOTE:
UTILITY DEPTHS AND LOCATIONS ARE APPROXIMATE ONLY.
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ALL UTILITY LOCATIONS PRIOR TO THE COMMENCEMENT
OF ANY AND ALL CONSTRUCTION ACTIVITIES.

POE & ASSOCIATES, OKLAHOMA CITY, OK.

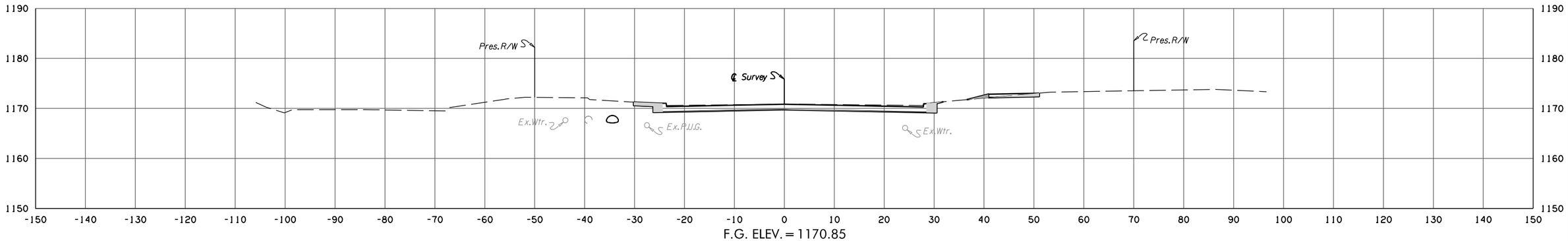
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

VOLUME
CUT FILL

17 2 13 1

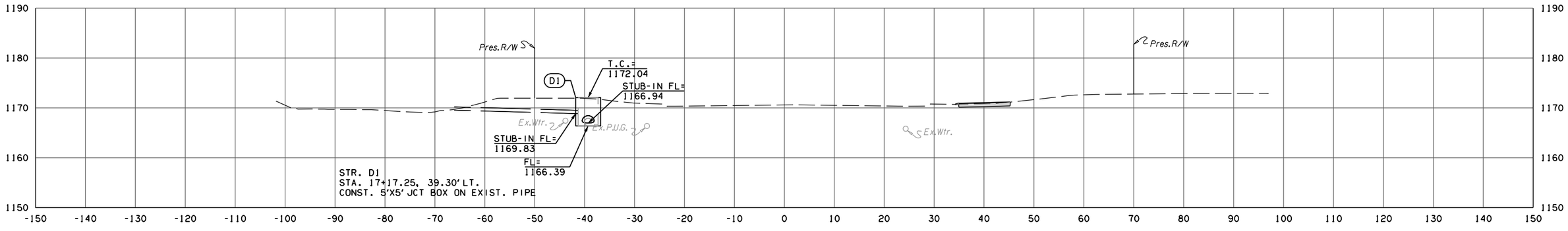


F.G. ELEV. = 1170.85

17 + 50.00

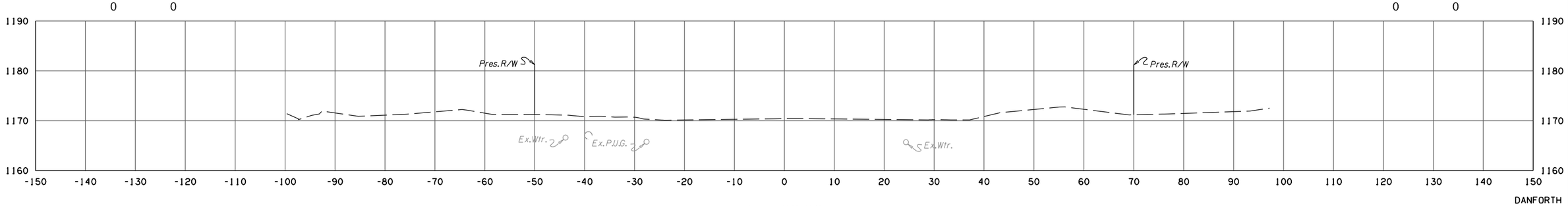
BEGIN CONSTRUCTION DANFORTH

5 0 2 0



17 + 17.25

0 0 0 0



17 + 00.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X001

4/4/2025 4:19:48 PM
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NOTE:
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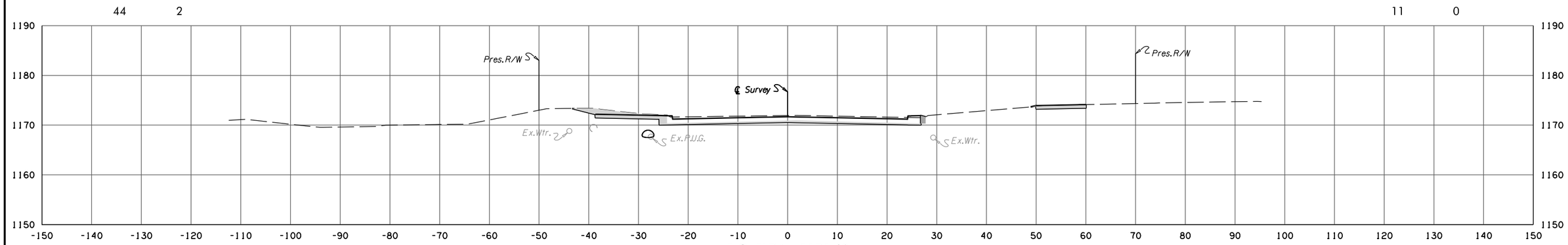
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

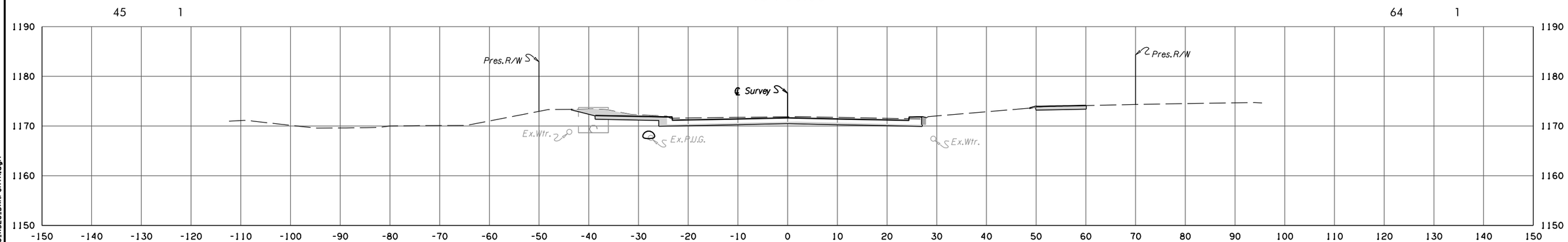
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

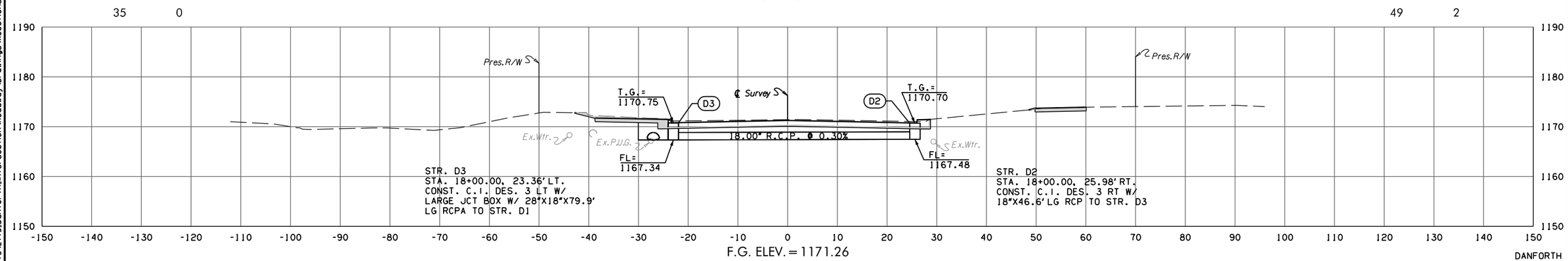
VOLUME
CUT FILL



F.G. ELEV. = 1171.68
18 + 50.00



F.G. ELEV. = 1171.62
18 + 43.47



F.G. ELEV. = 1171.26
18 + 00.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X002

4/4/2025 4:19:48 PM
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NOTE:
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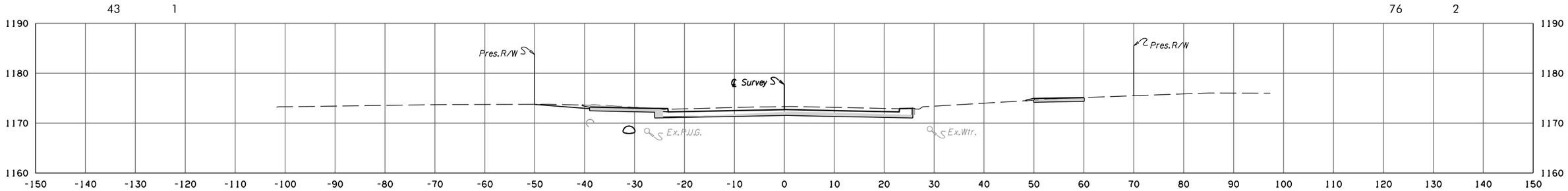
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

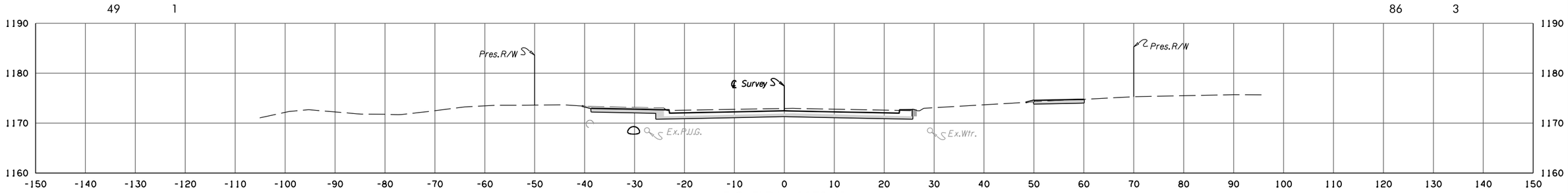
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

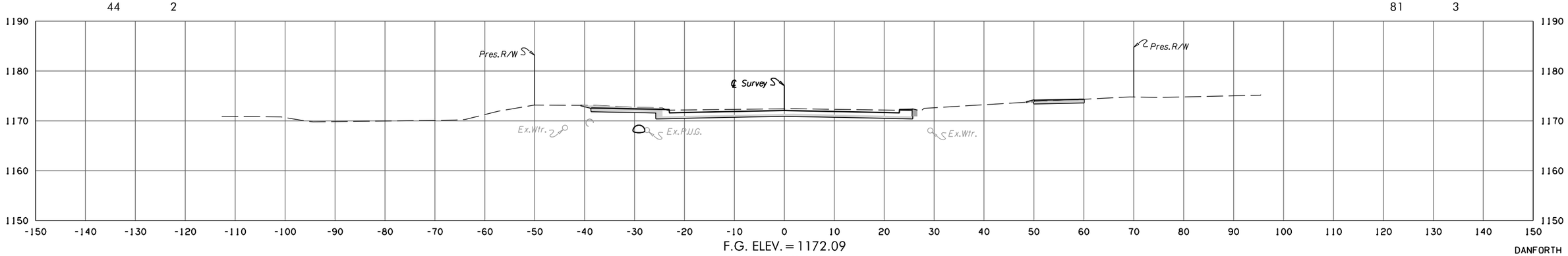
VOLUME
CUT FILL



F.G. ELEV. = 1172.72
19 + 94.50



F.G. ELEV. = 1172.45
19 + 50.00



F.G. ELEV. = 1172.09
19 + 00.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X003

4/4/2025 4:19:48 PM
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NOTE:
UTILITY DEPTHS AND LOCATIONS ARE APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS PRIOR TO THE COMMENCEMENT OF ANY AND ALL CONSTRUCTION ACTIVITIES.

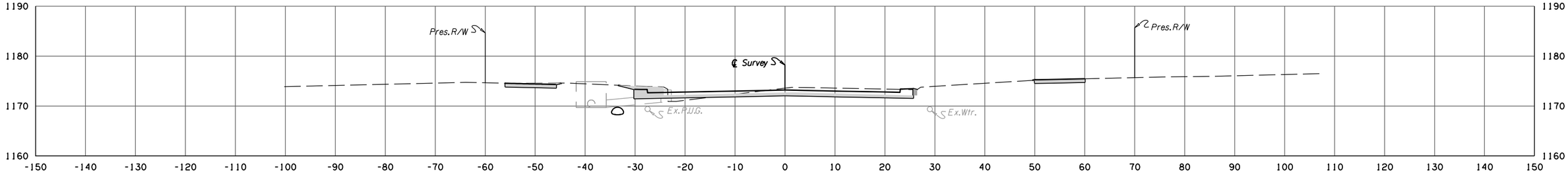
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS DESCRIPTION	DATE

AREA
CUT FILL
58 1

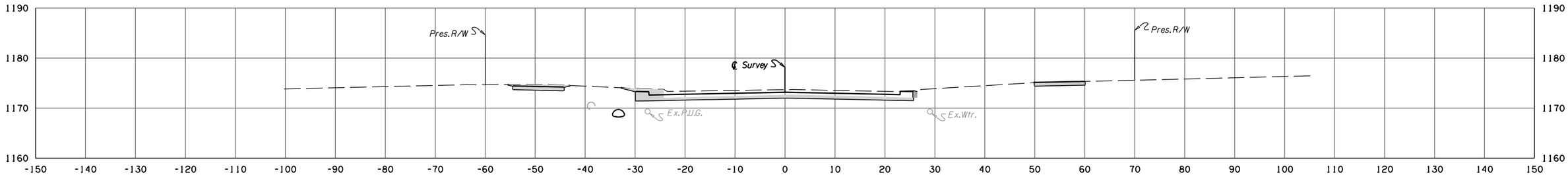
VOLUME
CUT FILL
18 0



F.G. ELEV. = 1173.20
21+08.29

60 1

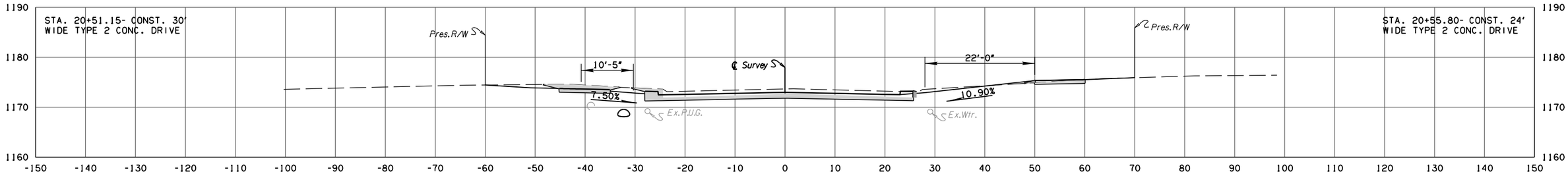
115 2



F.G. ELEV. = 1173.17
21+00.00

64 1

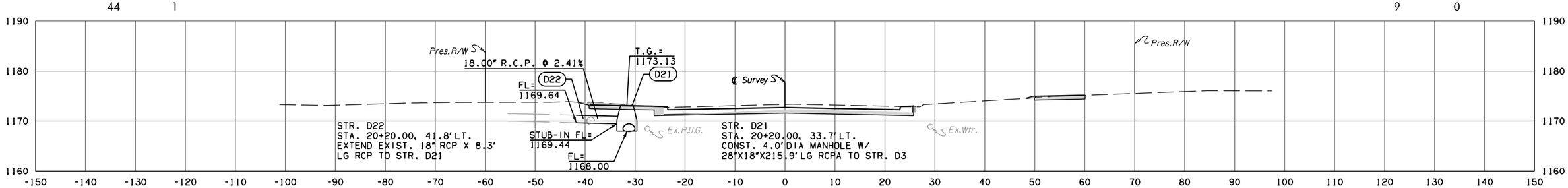
101 2



F.G. ELEV. = 1172.97
20+50.00

44 1

9 0



F.G. ELEV. = 1172.75
20+00.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X004

4/4/2025 4:19:49 PM
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NOTE:
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

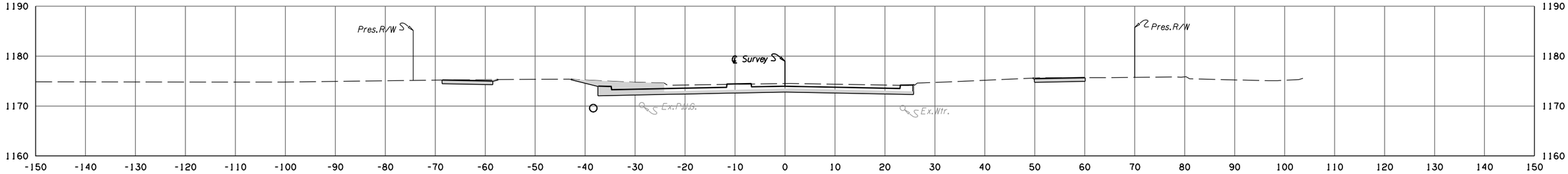
REVISIONS	
DESCRIPTION	DATE

AREA

CUT	FILL
82	0

VOLUME

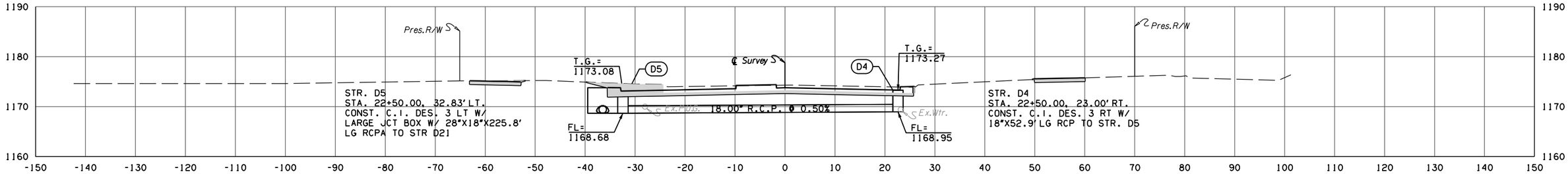
CUT	FILL
143	1



F.G. ELEV. = 1173.97
23 + 00.00

CUT	FILL
73	1

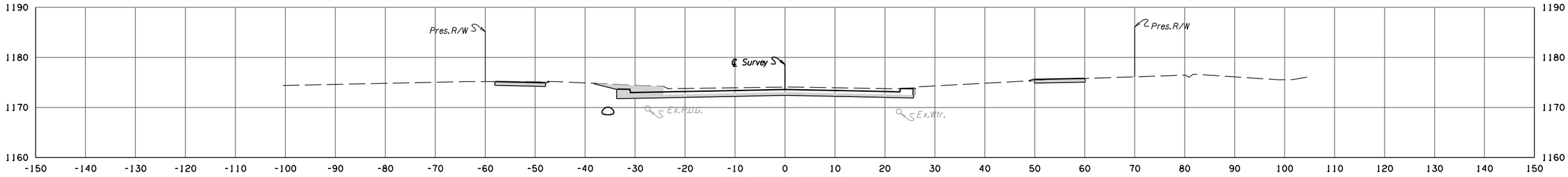
CUT	FILL
129	1



F.G. ELEV. = 1173.77
22 + 50.00

CUT	FILL
66	1

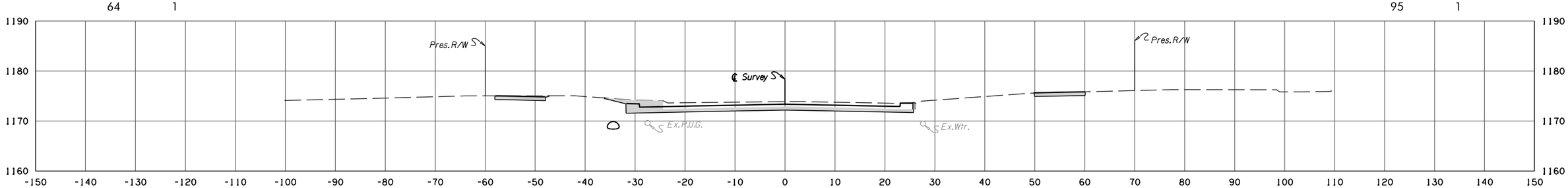
CUT	FILL
121	1



F.G. ELEV. = 1173.57
22 + 00.00

CUT	FILL
64	1

CUT	FILL
95	1



F.G. ELEV. = 1173.37
21 + 50.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X005

4/4/2025 4:19:49 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

DESCRIPTION	DATE

AREA

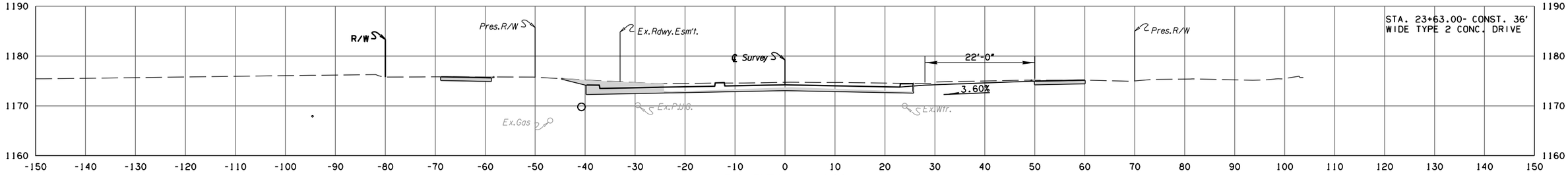
CUT FILL

73 0

VOLUME

CUT FILL

19 0

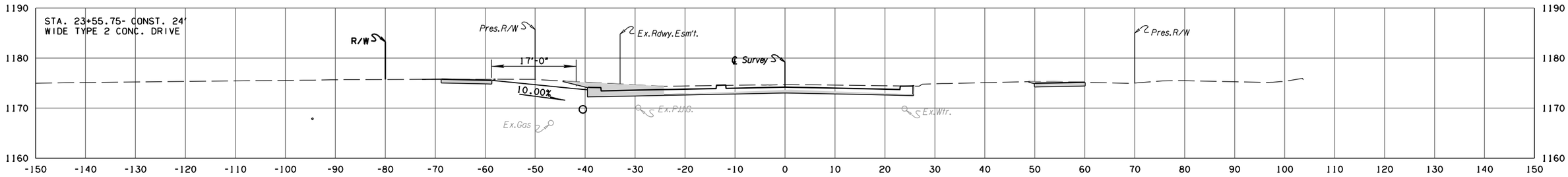


F.G. ELEV. = 1174.22

23 + 63.00

72 0

10 0

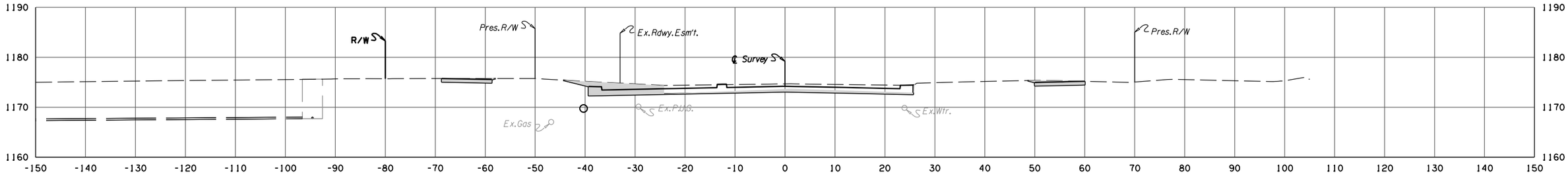


F.G. ELEV. = 1174.19

23 + 55.75

73 0

5 0

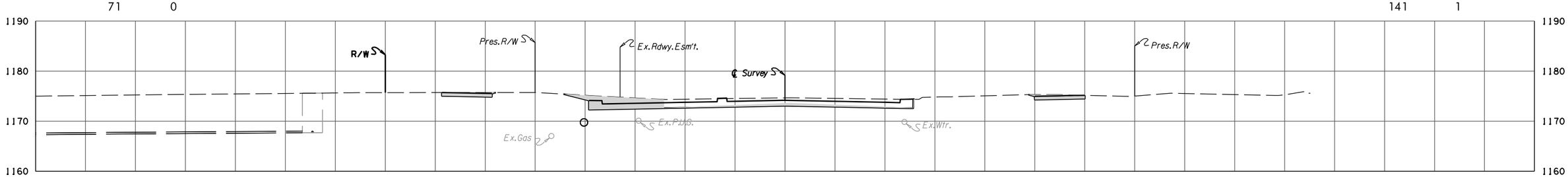


F.G. ELEV. = 1174.18

23 + 52.00

71 0

141 1



F.G. ELEV. = 1174.17

23 + 50.00

DANFORTH

STATE JOB NO. 38090(04)

OKLAHOMA COUNTY SHEET NO. X006

4/4/2025 4:19:49 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

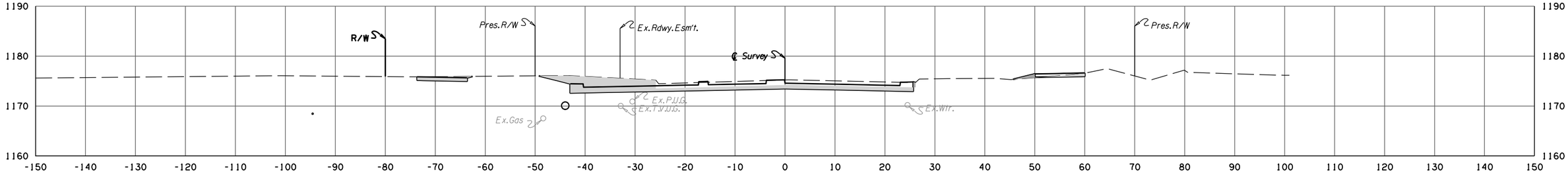
DESCRIPTION	DATE

AREA

CUT	FILL
100	2

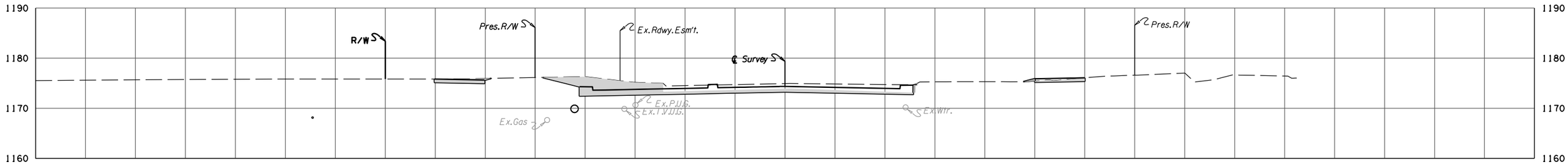
VOLUME

CUT	FILL
182	3



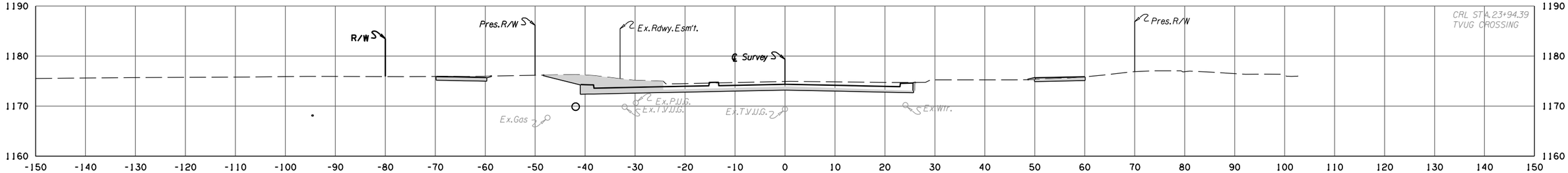
F.G. ELEV. = 1174.57
24 + 50.00

96 1 20 0



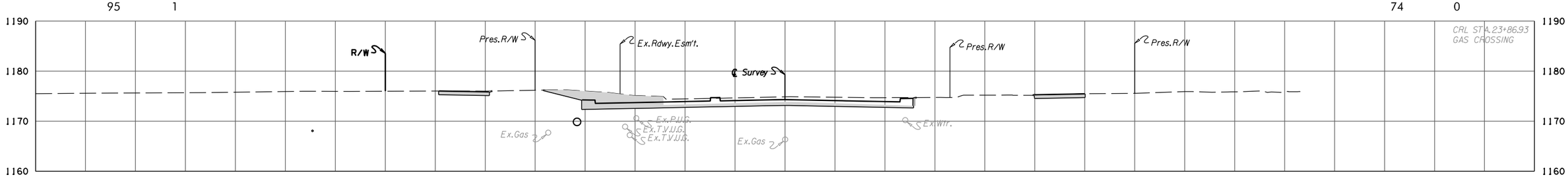
F.G. ELEV. = 1174.37
24 + 00.00

95 1 26 0



F.G. ELEV. = 1174.35
23 + 94.39

95 1 74 0



F.G. ELEV. = 1174.32
23 + 86.93

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X007

4/4/2025 4:19:50 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

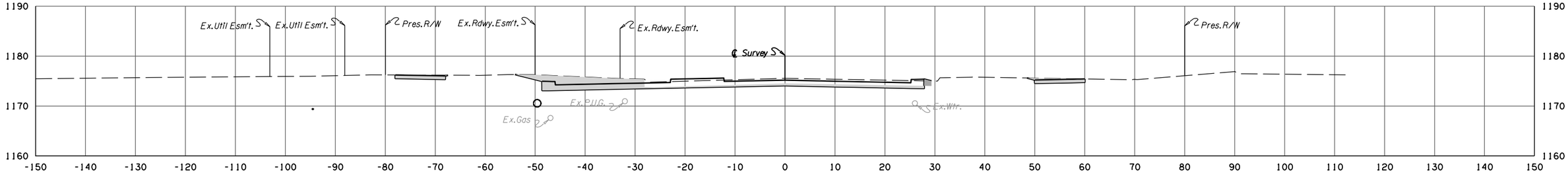
REVISIONS	
DESCRIPTION	DATE

AREA

CUT	FILL
92	2

VOLUME

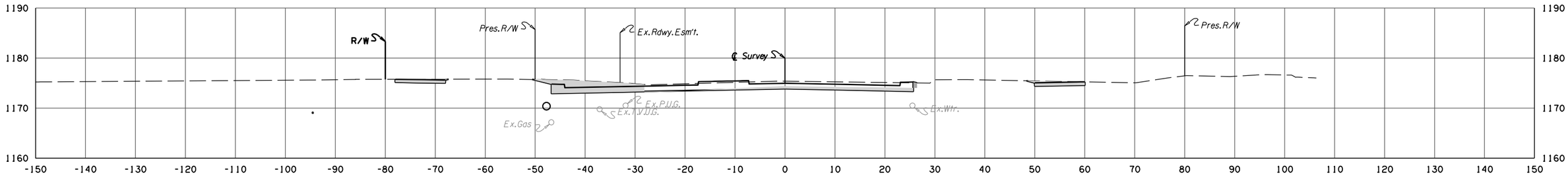
CUT	FILL
157	3



F.G. ELEV. = 1175.17
25 + 99.80

CUT	FILL
78	2

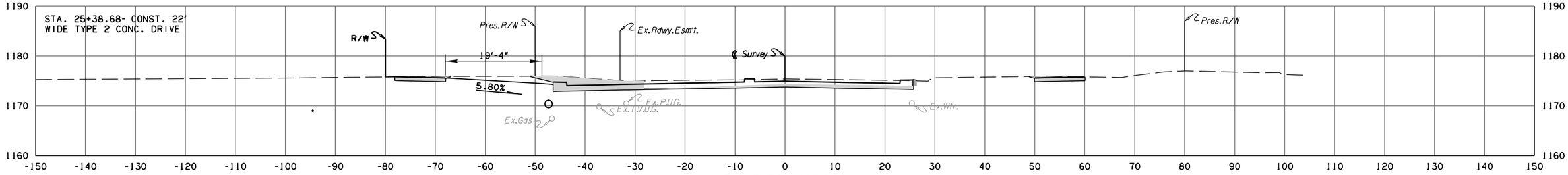
CUT	FILL
34	1



F.G. ELEV. = 1174.97
25 + 50.00

CUT	FILL
85	1

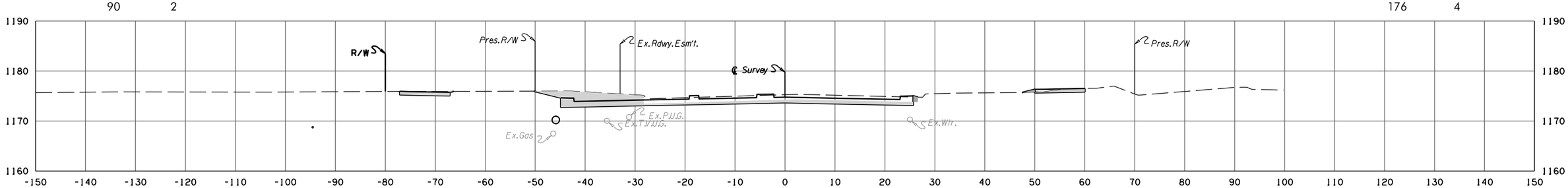
CUT	FILL
125	2



F.G. ELEV. = 1174.93
25 + 38.68

CUT	FILL
90	2

CUT	FILL
176	4



F.G. ELEV. = 1174.77
25 + 00.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X008

4/4/2025 4:19:50 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

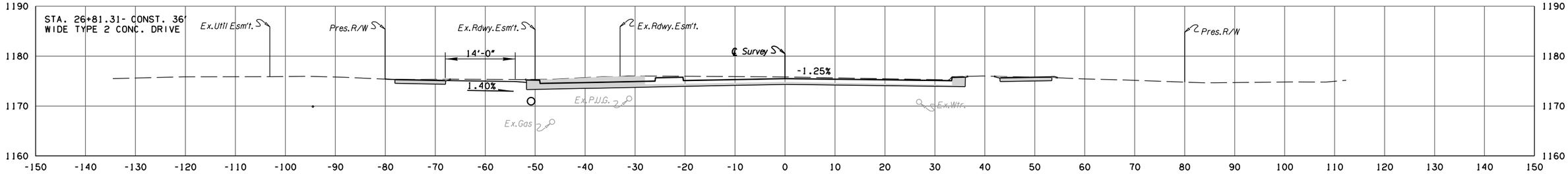
REVISIONS	
DESCRIPTION	DATE

AREA

CUT	FILL
92	0

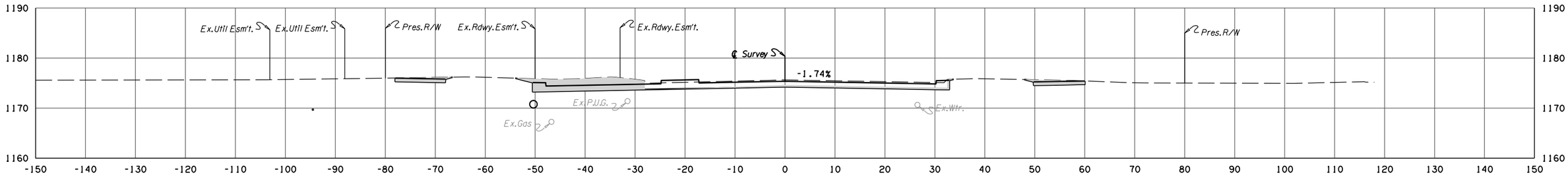
VOLUME

CUT	FILL
106	0



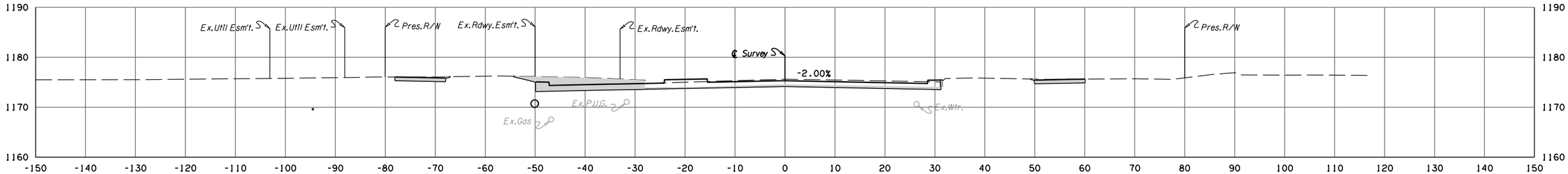
F.G. ELEV. = 1175.50
26 + 81.31

90	0
57	0



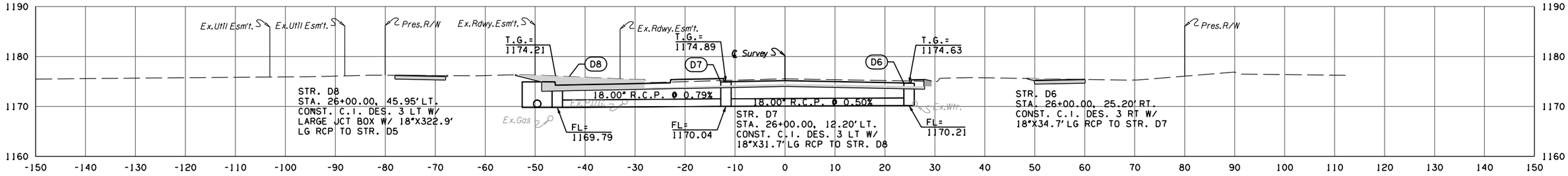
F.G. ELEV. = 1175.37
26 + 50.00

90	1
112	1



F.G. ELEV. = 1175.30
26 + 33.00
BEGIN ROTATION RT. LANES

92	2
1	0



F.G. ELEV. = 1175.17
26 + 00.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X009

4/4/2025 4:19:50 PM
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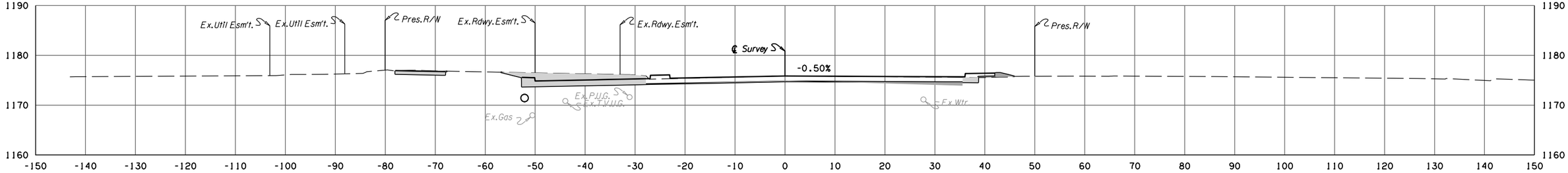
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL
73 12

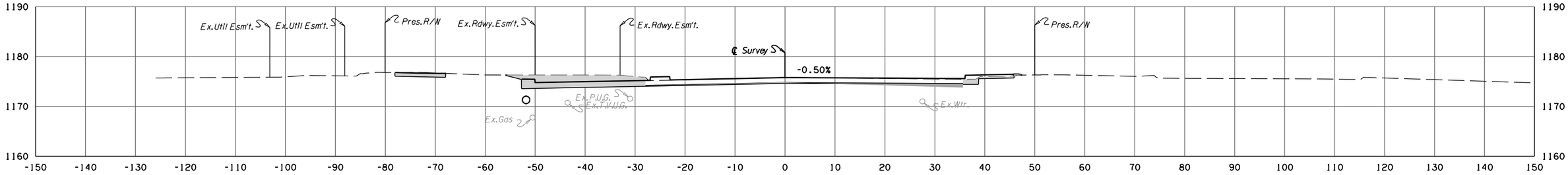
VOLUME
CUT FILL
55 9



F.G. ELEV. = 1175.85
27 + 70.22

73 11

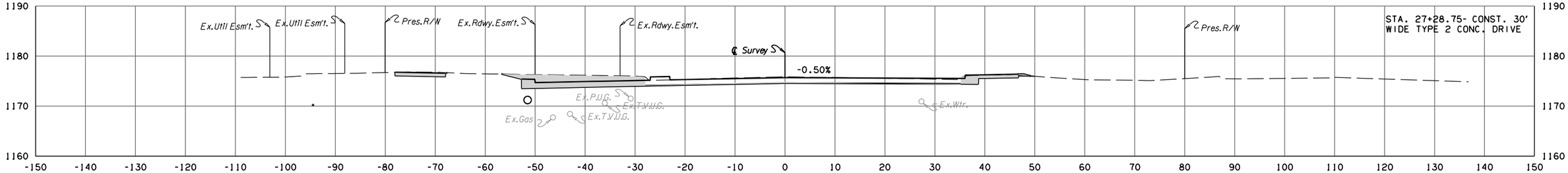
58 5



F.G. ELEV. = 1175.77
27 + 50.00

84 2

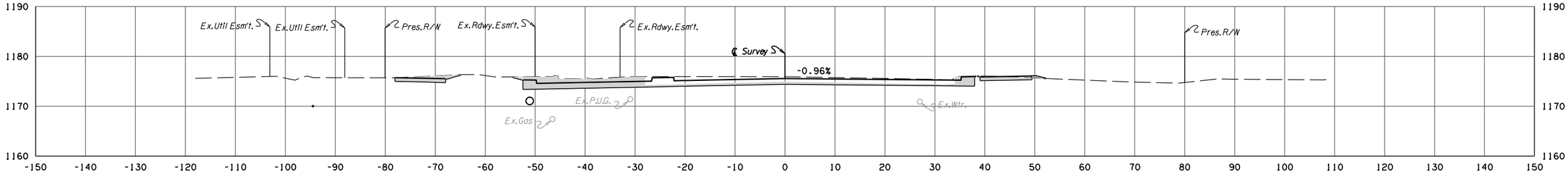
100 1



F.G. ELEV. = 1175.69
27 + 30.00
BEGIN FULL ROTATED RT. LANES

96 1

65 0



F.G. ELEV. = 1175.57
27 + 00.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X010

4/4/2025 4:19:51 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

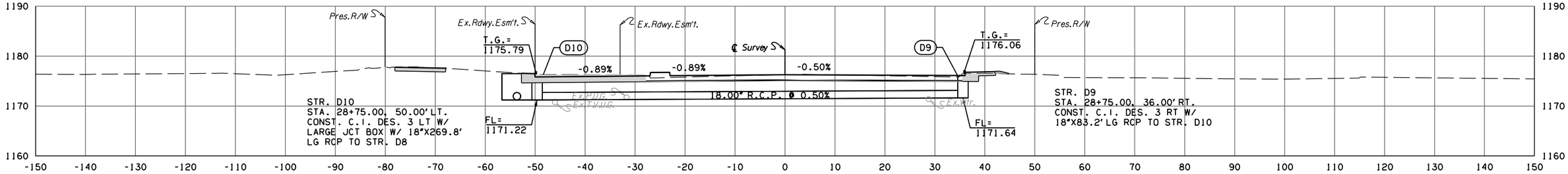
DESCRIPTION	DATE

AREA

CUT	FILL
52	6

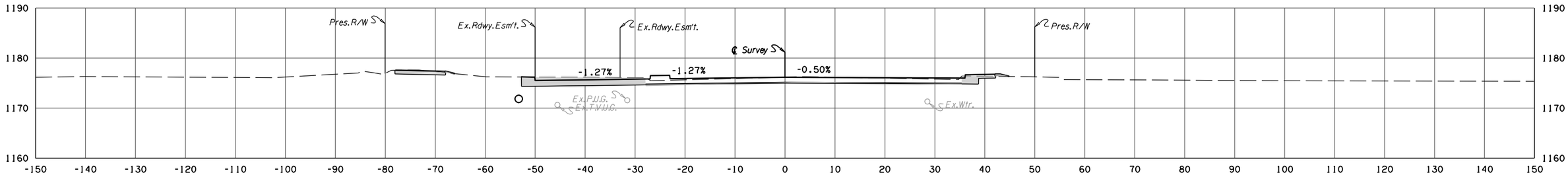
VOLUME

CUT	FILL
49	5



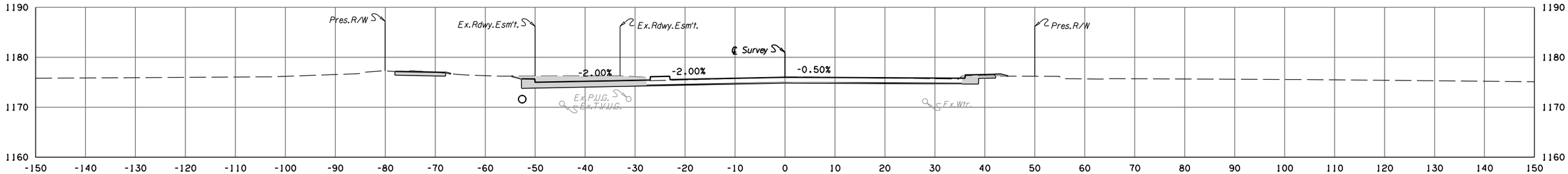
F.G. ELEV. = 1176.27
28 + 75.00

54	108
6	7



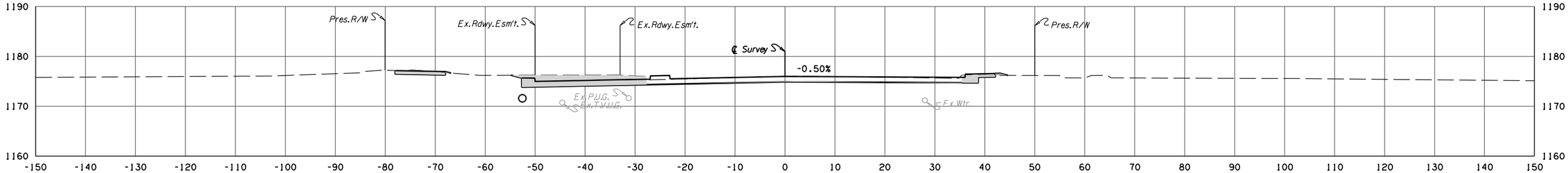
F.G. ELEV. = 1176.17
28 + 50.00

69	8
2	0



F.G. ELEV. = 1175.99
28 + 03.00
BEGIN ROTATION LT. LANES

70	79
2	8



F.G. ELEV. = 1175.97
28 + 00.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X011

4/4/2025 4:19:51 PM
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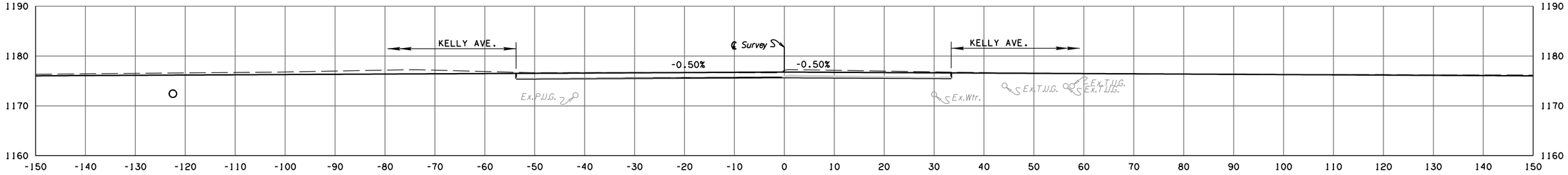
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

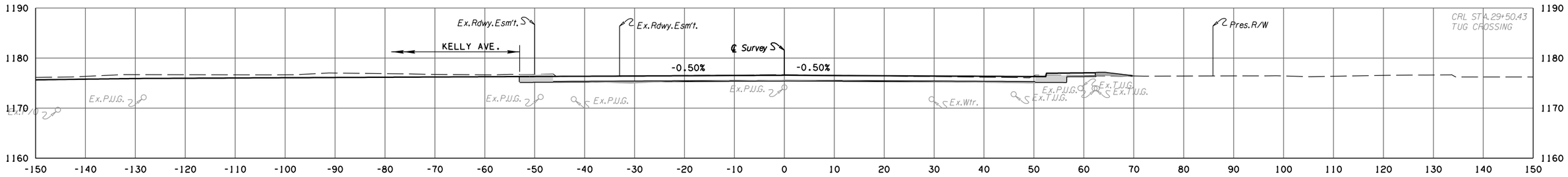
AREA
CUT 19 FILL 0

VOLUME
CUT 38 FILL 12



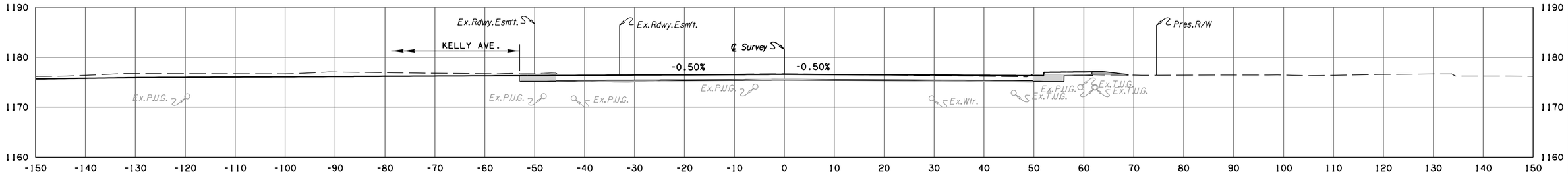
F.G. ELEV. = 1176.77
30 + 00.00
= 110 + 00.00 KELLY AVENUE

23 13 | 0 0



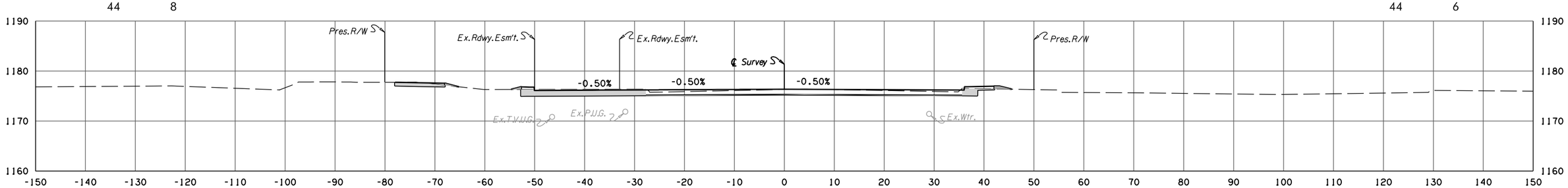
F.G. ELEV. = 1176.58
29 + 50.43

23 13 | 62 19



F.G. ELEV. = 1176.57
29 + 50.00

44 8 | 44 6



F.G. ELEV. = 1176.37
29 + 00.00
BEGIN FULL ROTATED LT. LANES

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X012

4/4/2025 4:19:52 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

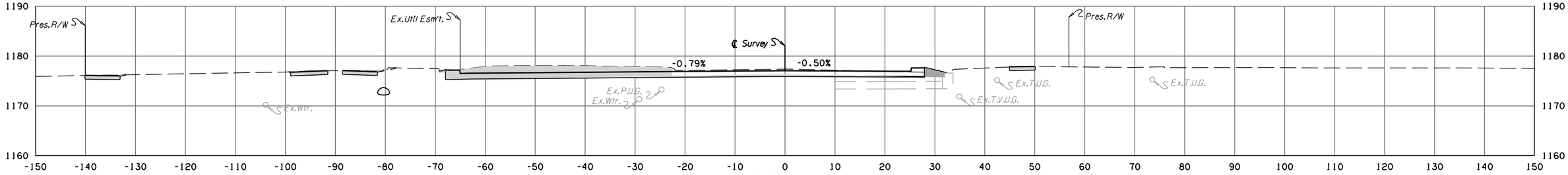
DESCRIPTION	DATE

AREA

CUT	FILL
134	6

VOLUME

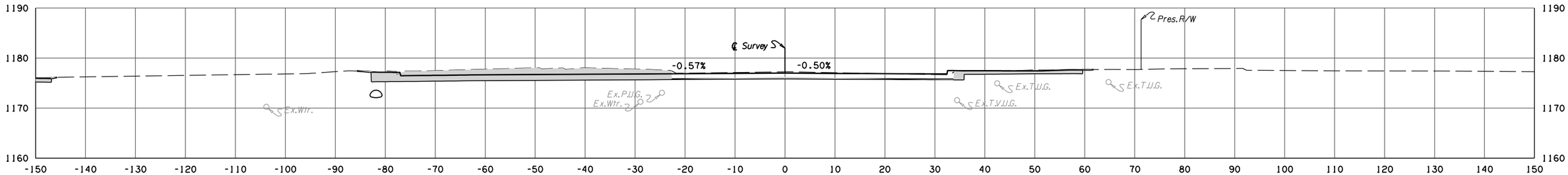
CUT	FILL
79	2



F.G. ELEV. = 1177.06
30 + 68.94

CUT	FILL
157	1

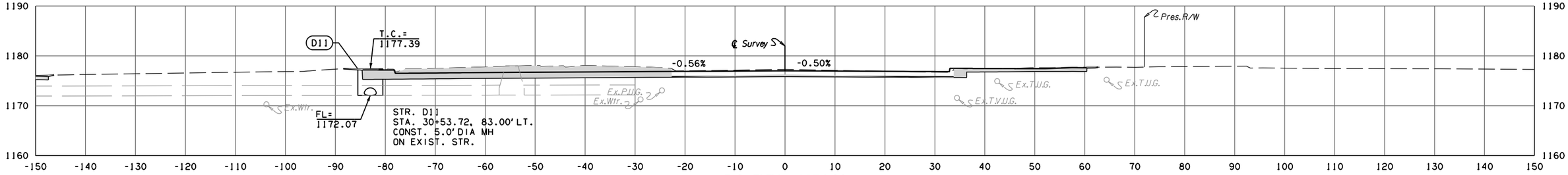
CUT	FILL
4	0



F.G. ELEV. = 1176.99
30 + 54.37

CUT	FILL
161	1

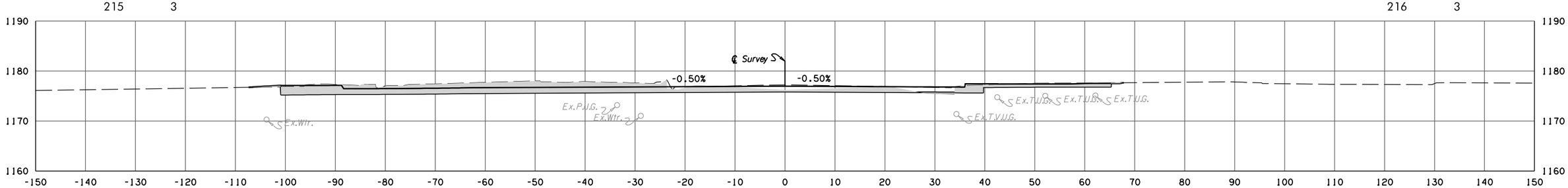
CUT	FILL
26	0



F.G. ELEV. = 1176.99
30 + 53.72

CUT	FILL
215	3

CUT	FILL
216	3



F.G. ELEV. = 1176.97
30 + 50.00
END FULL ROTATED LT. LANES

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X013

4/4/2025 4:19:52 PM
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NOTE:
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

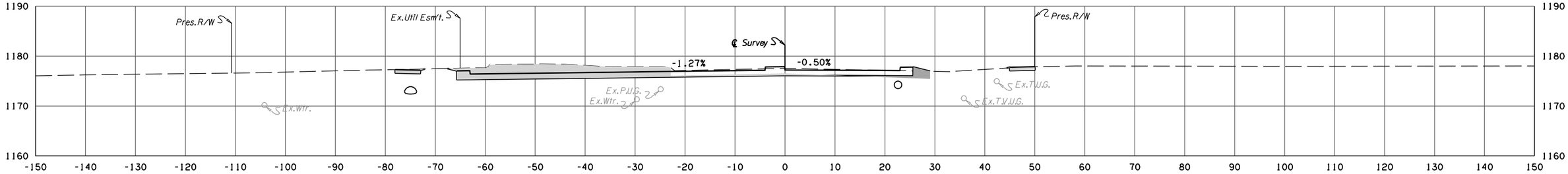
DESCRIPTION	DATE

AREA

CUT	FILL
124	9

VOLUME

CUT	FILL
66	5



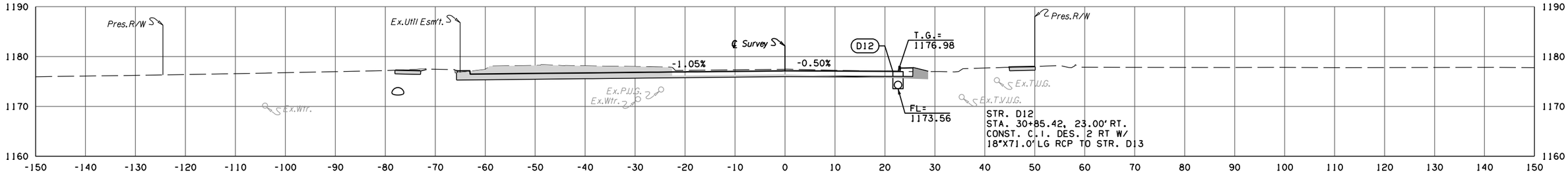
F.G. ELEV. = 1177.22

31+00.00

END FULL ROTATED RT. LANES

CUT	FILL
121	8

CUT	FILL
67	4

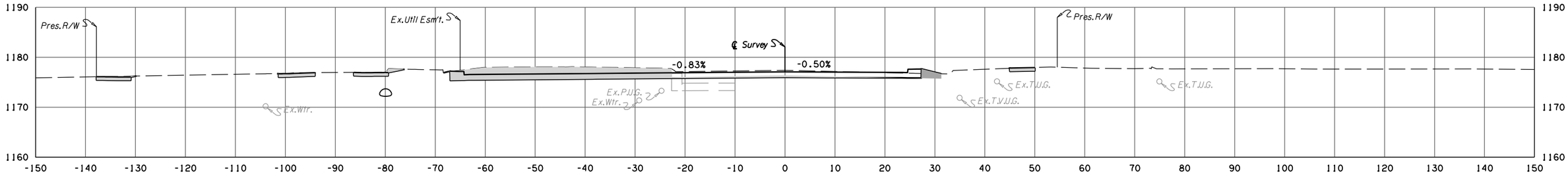


F.G. ELEV. = 1177.14

30+85.42

CUT	FILL
134	6

CUT	FILL
5	0

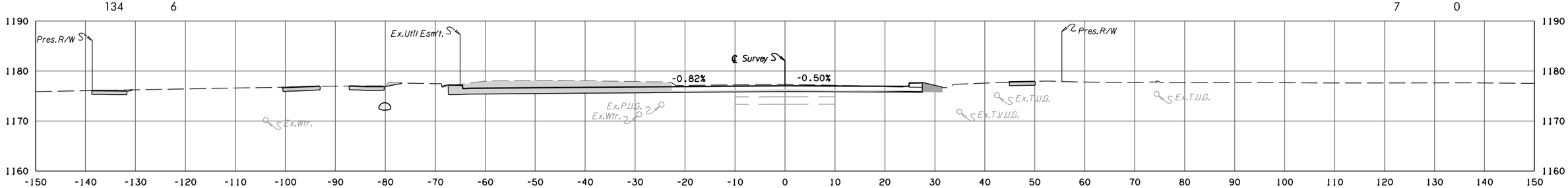


F.G. ELEV. = 1177.07

30+71.30

CUT	FILL
134	6

CUT	FILL
7	0



F.G. ELEV. = 1177.06

30+70.39

DANFORTH

STATE JOB NO. 38090(04)

OKLAHOMA COUNTY SHEET NO. X014

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

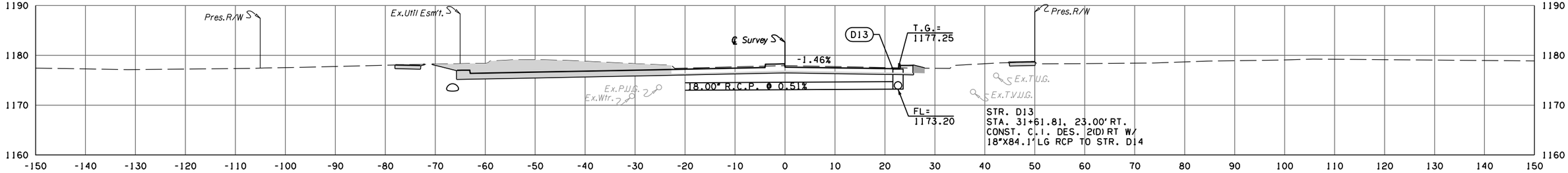
REVISIONS	
DESCRIPTION	DATE

AREA

CUT	FILL
155	3

VOLUME

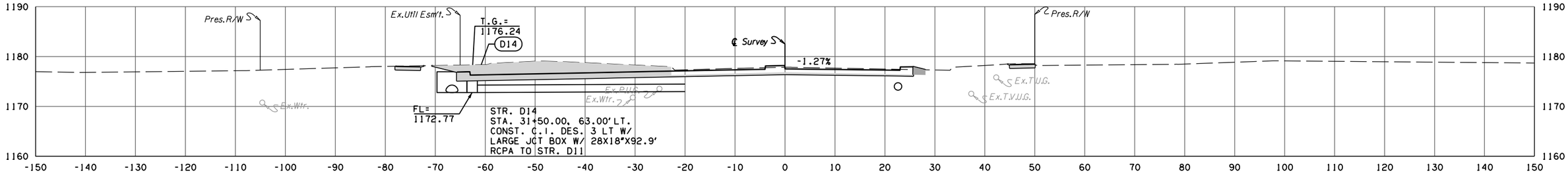
CUT	FILL
68	1



F.G. ELEV. = 1177.63
31+61.81

CUT	FILL
158	3

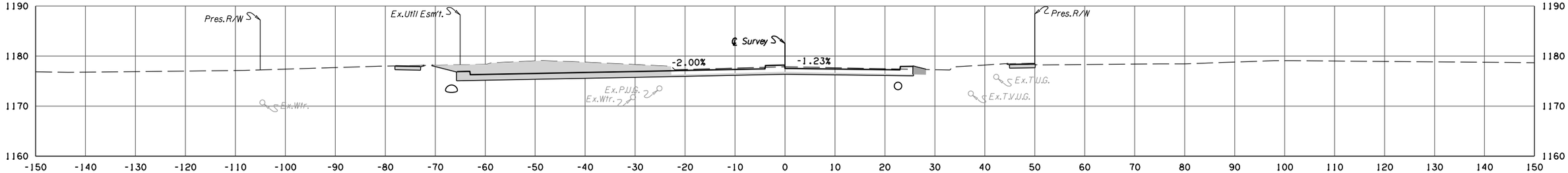
CUT	FILL
17	0



F.G. ELEV. = 1177.54
31+50.00

CUT	FILL
157	3

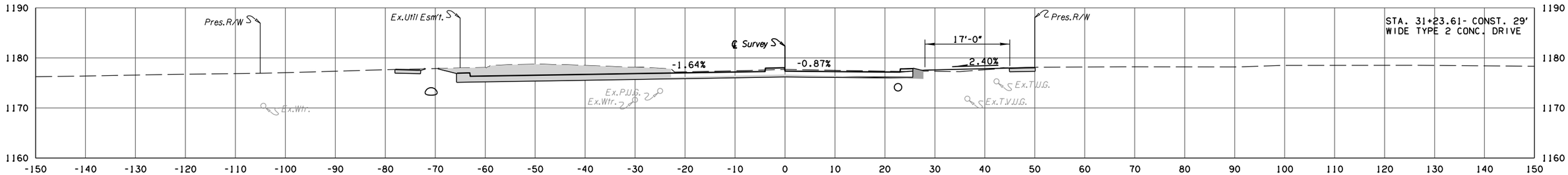
CUT	FILL
130	3



F.G. ELEV. = 1177.52
31+47.00
END ROTATION LT. LANES

CUT	FILL
142	4

CUT	FILL
116	6



F.G. ELEV. = 1177.36
31+23.61

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X015

4/4/2025 4:19:53 PM
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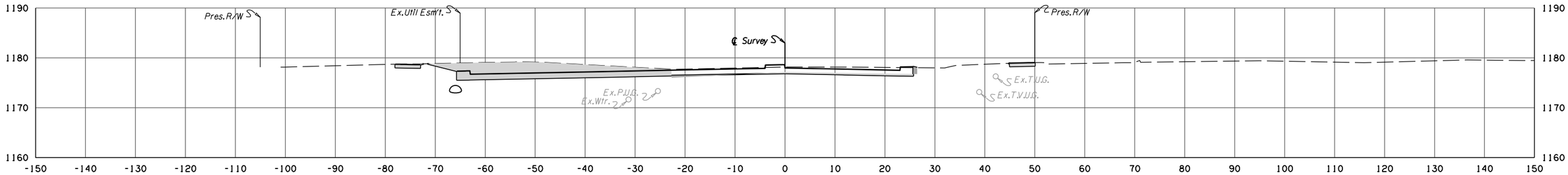
POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

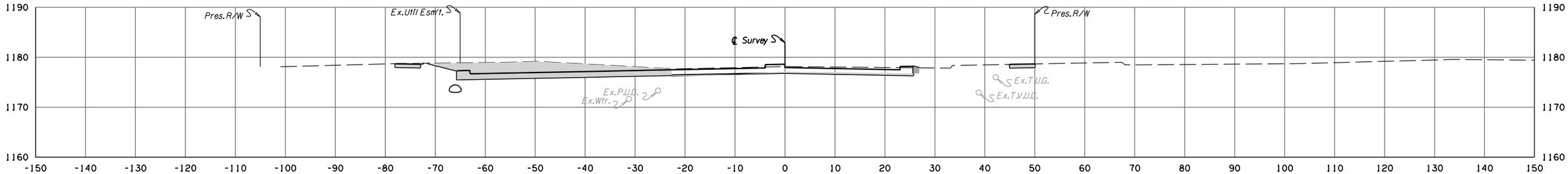
VOLUME
CUT FILL

136 4 20 1



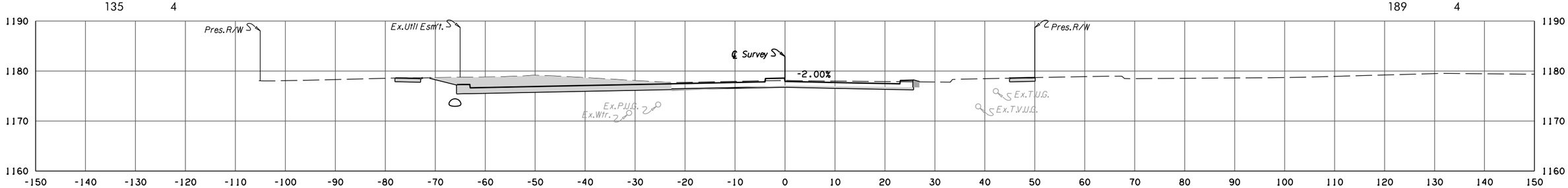
F.G. ELEV. = 1177.98
32 + 04.00

135 4 15 0



F.G. ELEV. = 1177.94
32 + 00.00

135 4 189 4



F.G. ELEV. = 1177.91
31 + 97.00
END ROTATION RT. LANES

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X016

4/4/2025 4:19:53 PM
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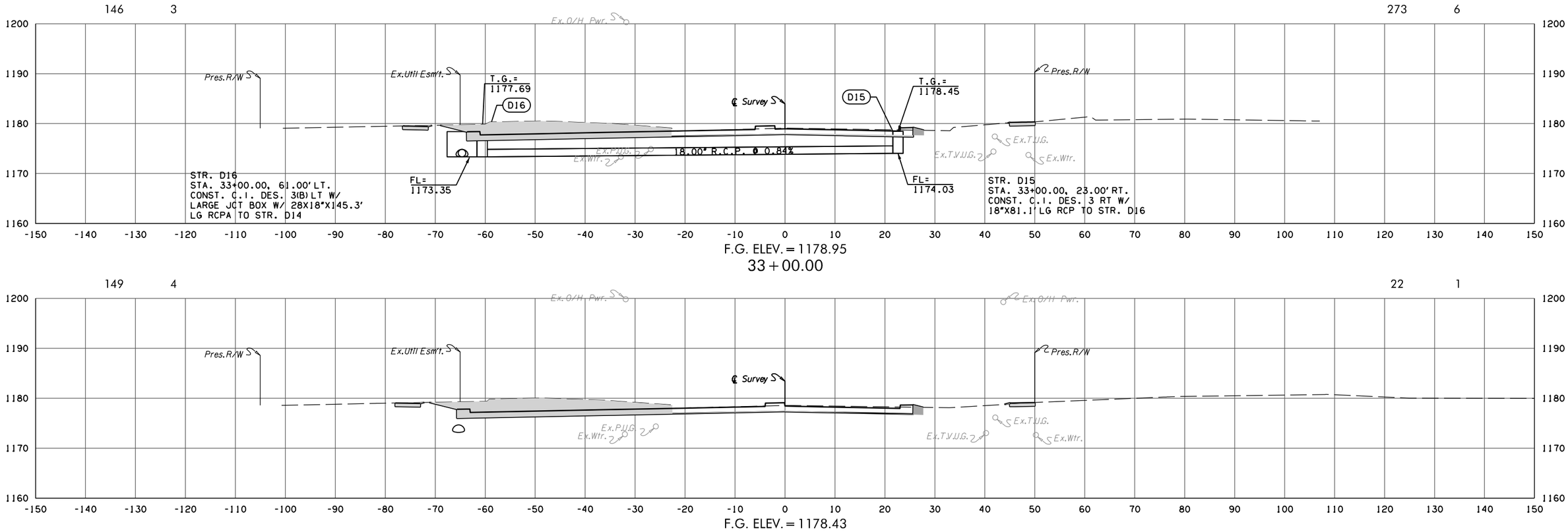
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

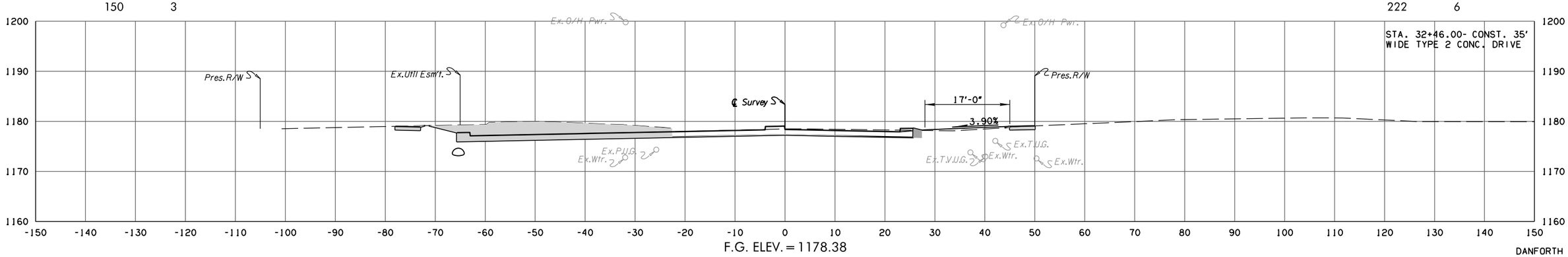
AREA
CUT FILL

VOLUME
CUT FILL



F.G. ELEV. = 1178.95
33 + 00.00

F.G. ELEV. = 1178.43
32 + 50.00



F.G. ELEV. = 1178.38
32 + 46.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X017

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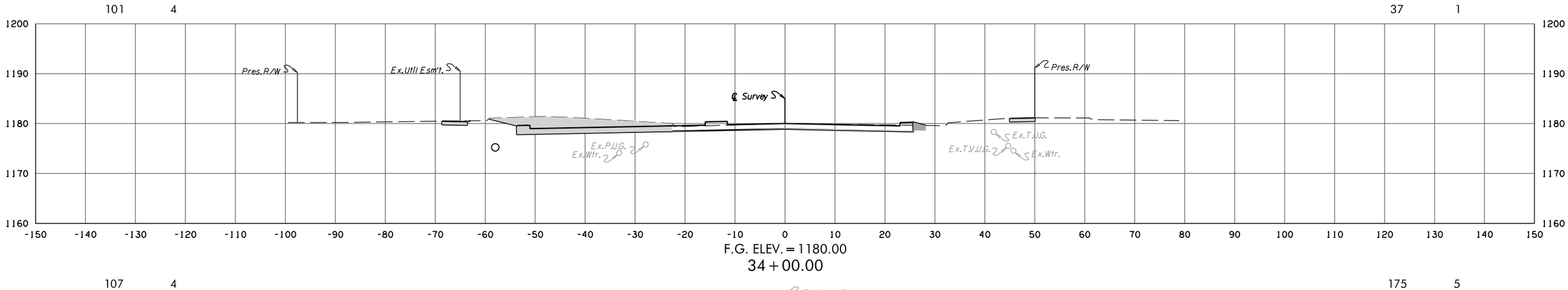
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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

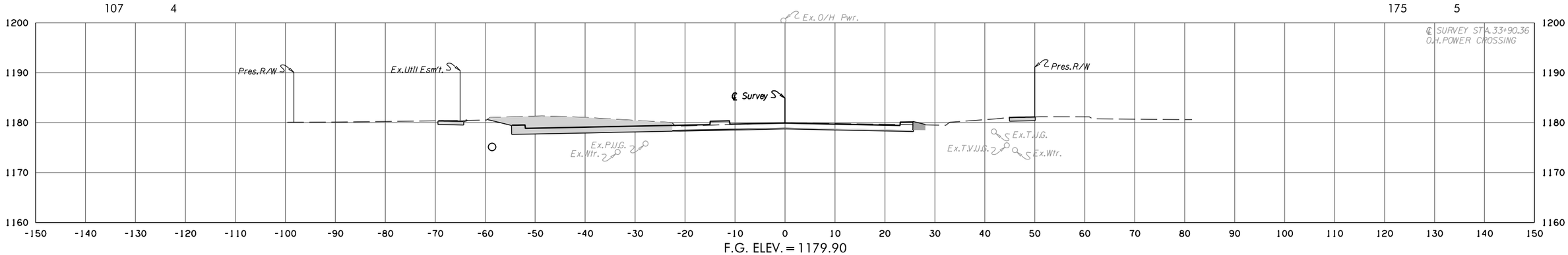
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

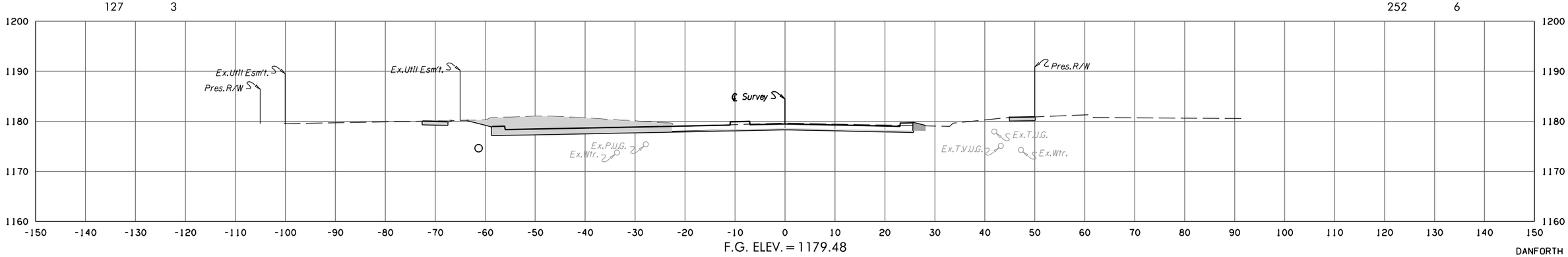
VOLUME
CUT FILL



F.G. ELEV. = 1180.00
34 + 00.00



F.G. ELEV. = 1179.90
33 + 90.36



F.G. ELEV. = 1179.48
33 + 50.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X018

4/4/2025 4:19:54 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

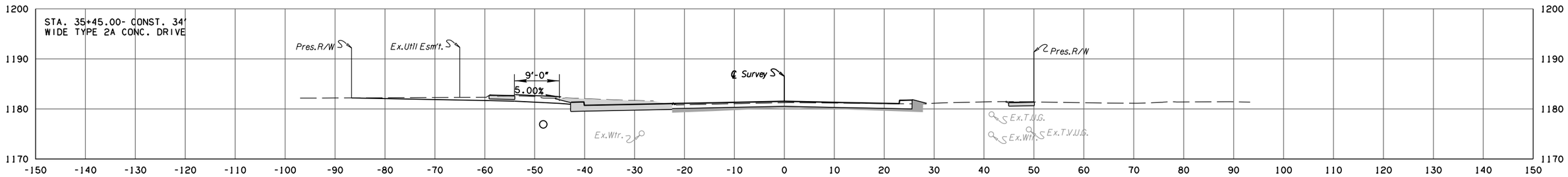
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

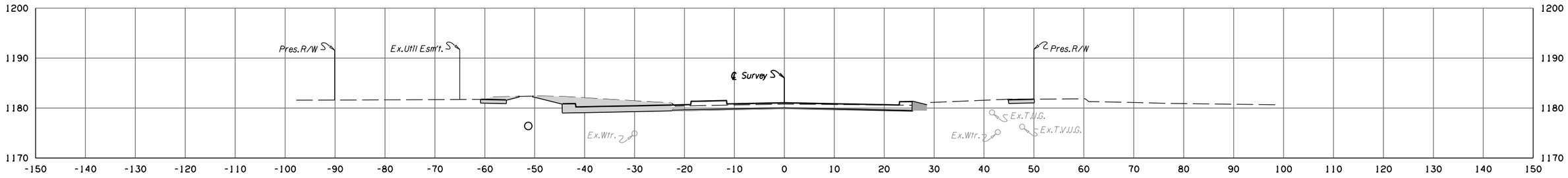
VOLUME
CUT FILL

47 24 94 28



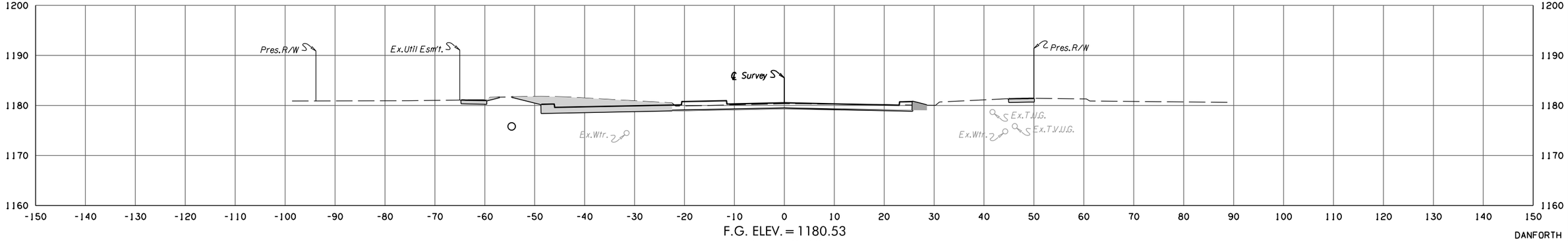
F.G. ELEV. = 1181.53
35 + 45.00

66 10 134 16



F.G. ELEV. = 1181.05
35 + 00.00

79 7 167 10



F.G. ELEV. = 1180.53
34 + 50.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X019

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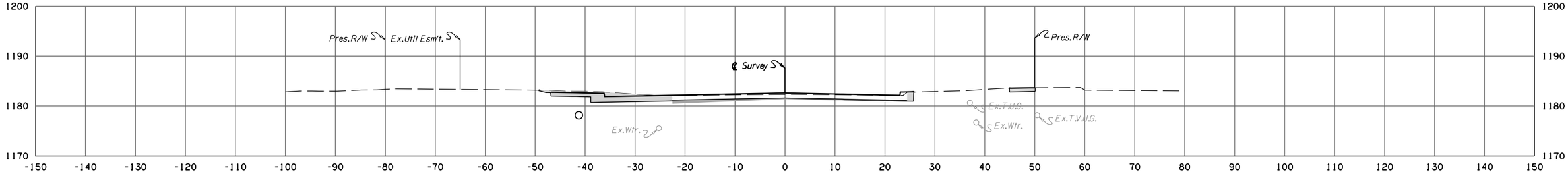
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

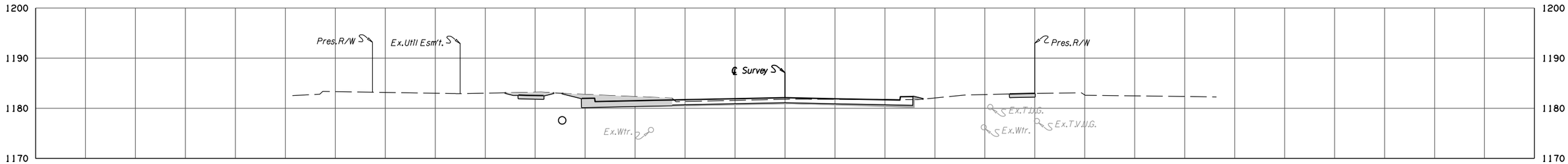
AREA
CUT 39 FILL 12

VOLUME
CUT 81 FILL 23



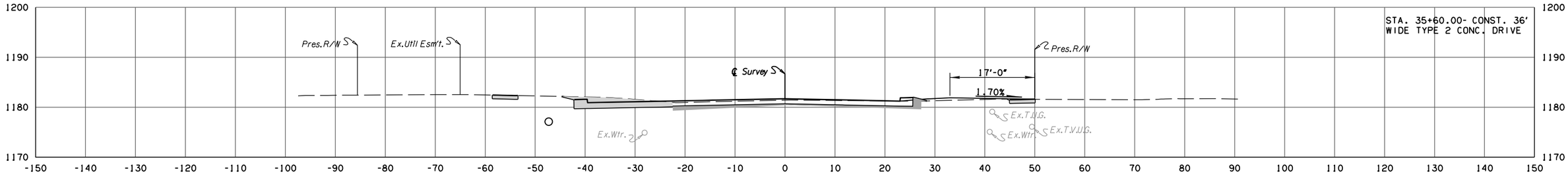
F.G. ELEV. = 1182.63
36 + 50.00

49 13 67 27



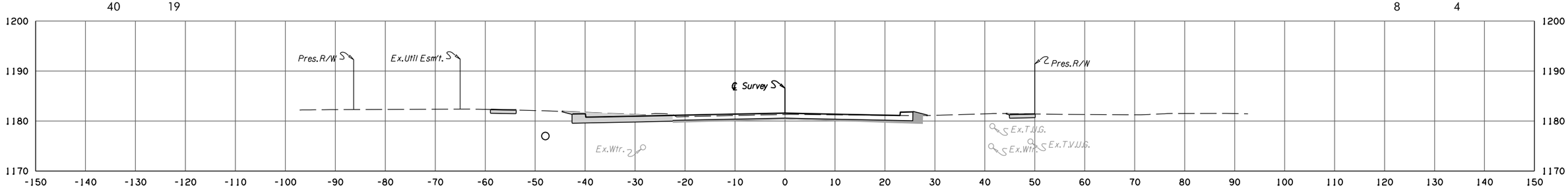
F.G. ELEV. = 1182.10
36 + 00.00

41 24 15 8



F.G. ELEV. = 1181.68
35 + 60.00

40 19 8 4



F.G. ELEV. = 1181.58
35 + 50.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X020

4/4/2025 4:19:54 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

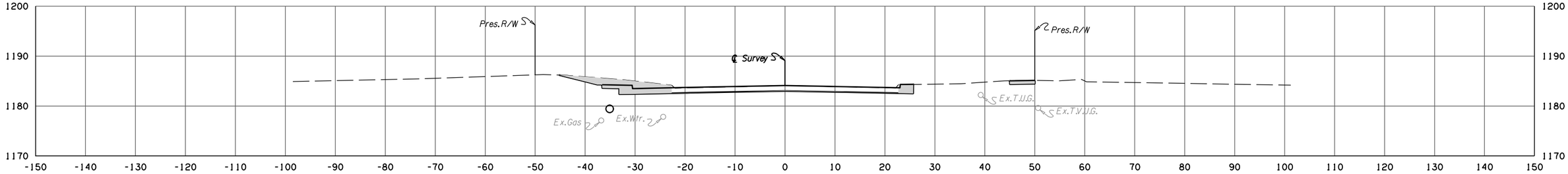
DESCRIPTION	DATE

AREA

CUT	FILL
47	0

VOLUME

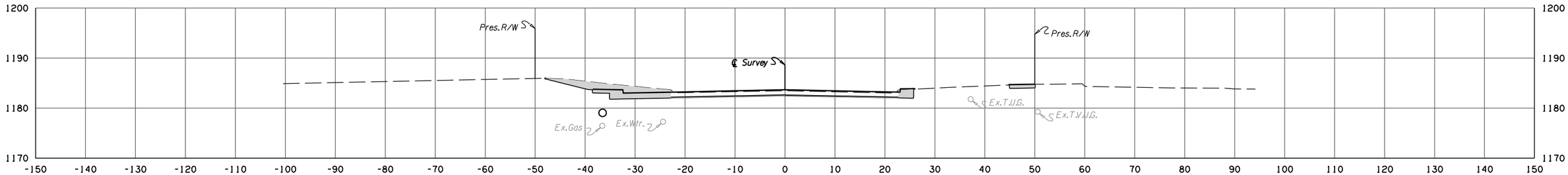
CUT	FILL
91	5



F.G. ELEV. = 1184.11
38 + 00.00

CUT	FILL
51	5

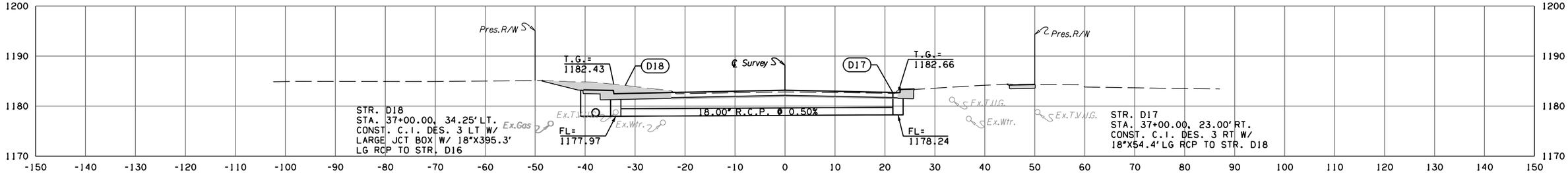
CUT	FILL
99	14



F.G. ELEV. = 1183.66
37 + 50.00

CUT	FILL
57	10

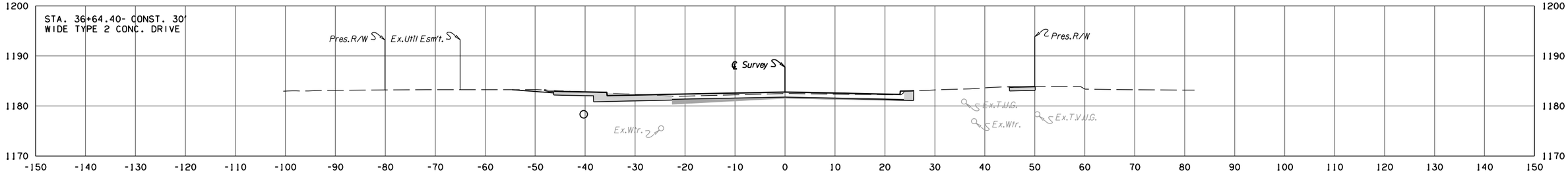
CUT	FILL
59	17



F.G. ELEV. = 1183.16
37 + 00.00

CUT	FILL
32	15

CUT	FILL
19	7



F.G. ELEV. = 1182.78
36 + 64.40

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X021

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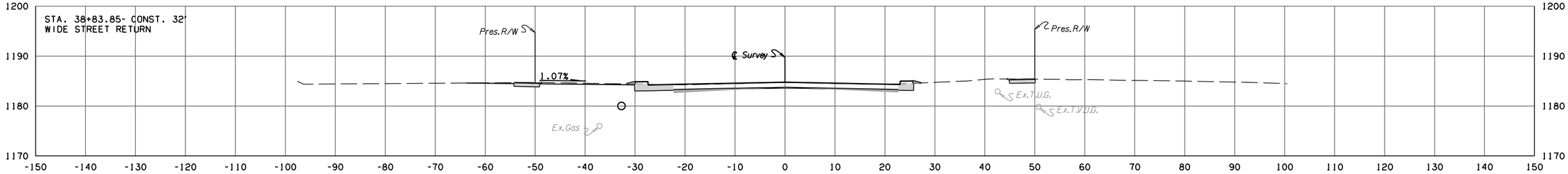
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL
20 13

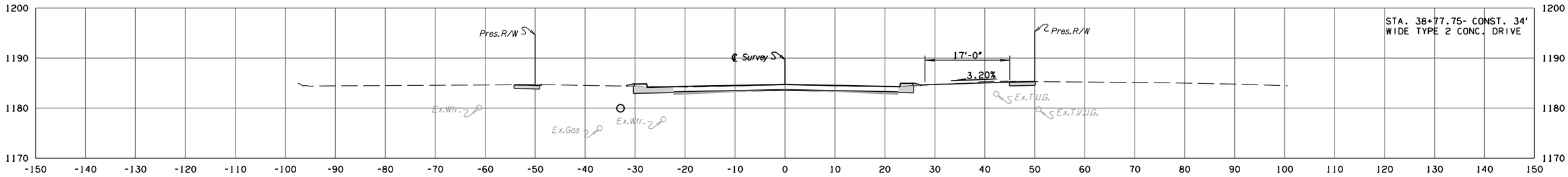
VOLUME
CUT FILL
5 3



F.G. ELEV. = 1184.77
38 + 83.85

21 13

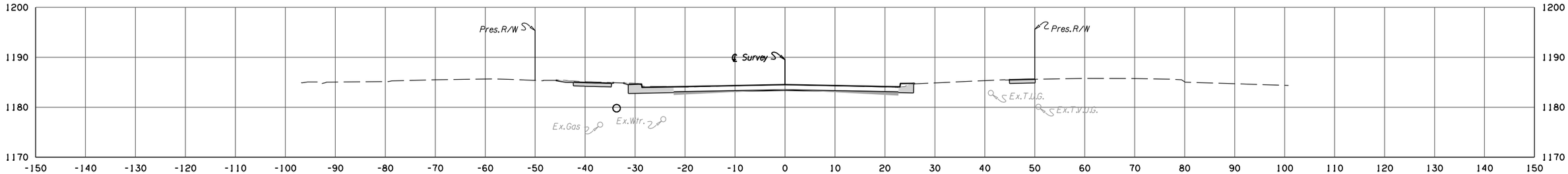
24 13



F.G. ELEV. = 1184.73
38 + 77.75

27 12

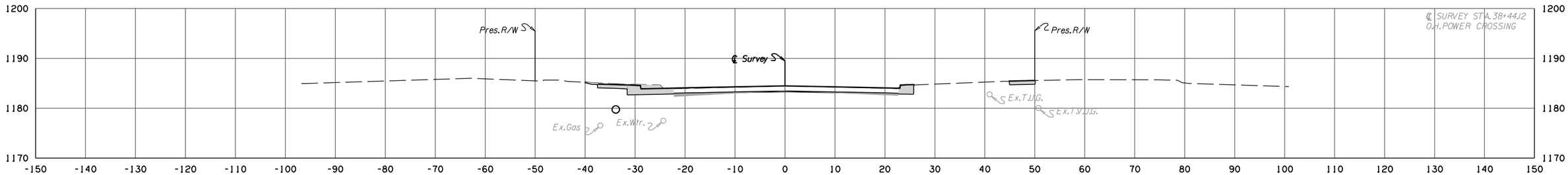
6 2



F.G. ELEV. = 1184.52
38 + 50.00

29 11

63 9



F.G. ELEV. = 1184.48
38 + 44.12

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X022

4/4/2025 4:19:55 PM
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NOTE:
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

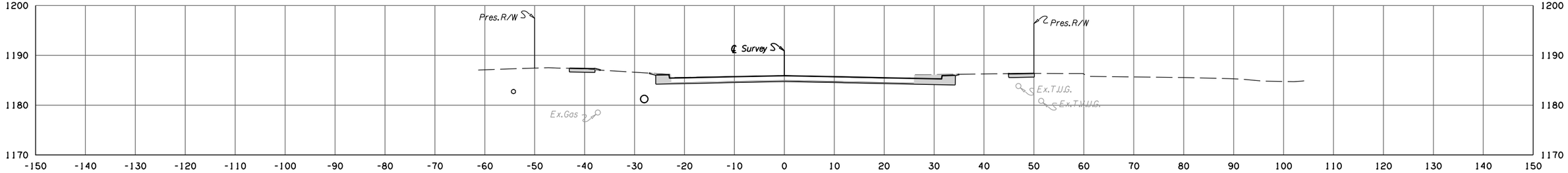
DESCRIPTION	DATE

AREA

CUT	FILL
33	0

VOLUME

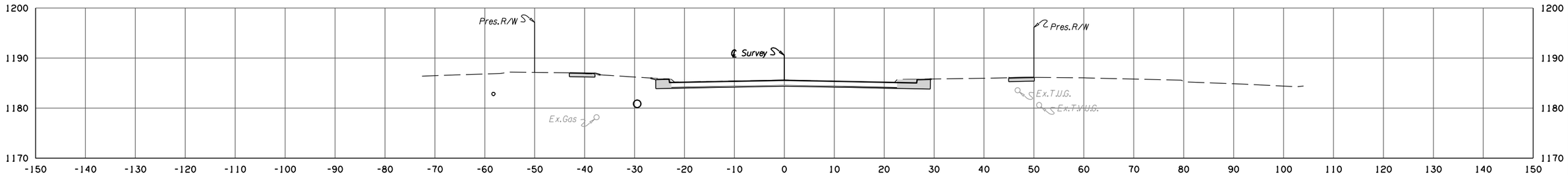
CUT	FILL
56	0



F.G. ELEV. = 1185.90
40 + 50.00

CUT	FILL
28	0

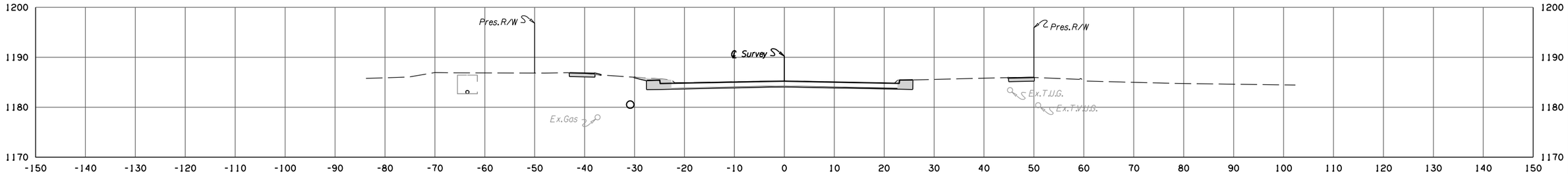
CUT	FILL
50	0



F.G. ELEV. = 1185.56
40 + 00.00

CUT	FILL
26	0

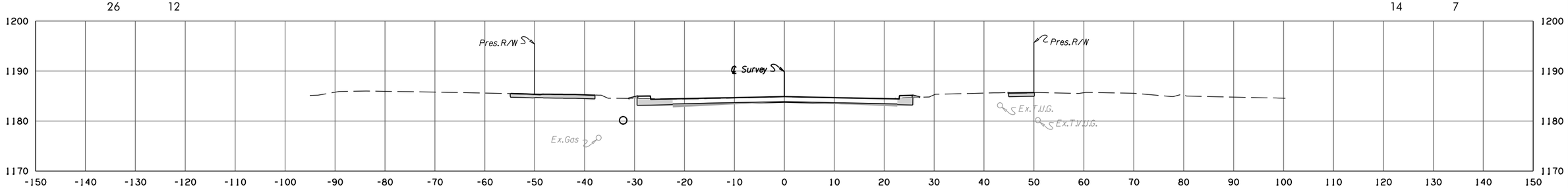
CUT	FILL
48	11



F.G. ELEV. = 1185.22
39 + 50.00

CUT	FILL
26	12

CUT	FILL
14	7



F.G. ELEV. = 1184.88
39 + 00.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X023

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

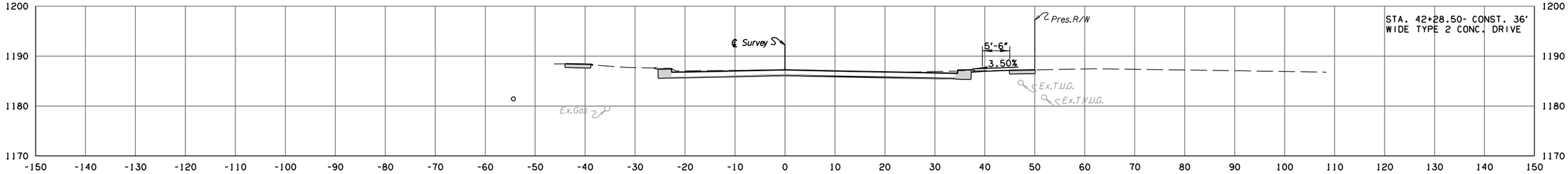
DESCRIPTION	DATE

AREA

CUT	FILL
21	2

VOLUME

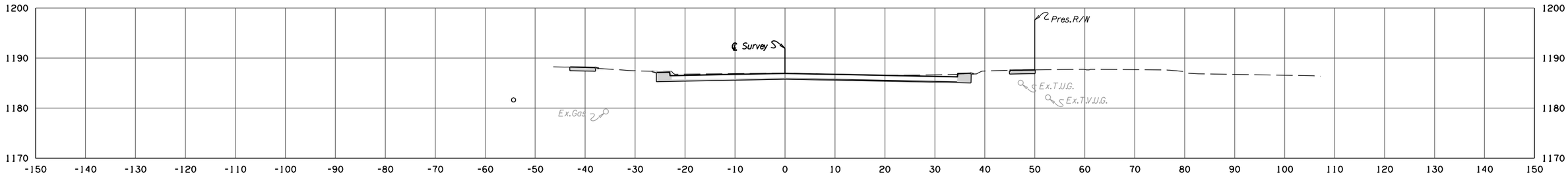
CUT	FILL
23	1



F.G. ELEV. = 1187.23
42 + 28.50

CUT	FILL
22	1

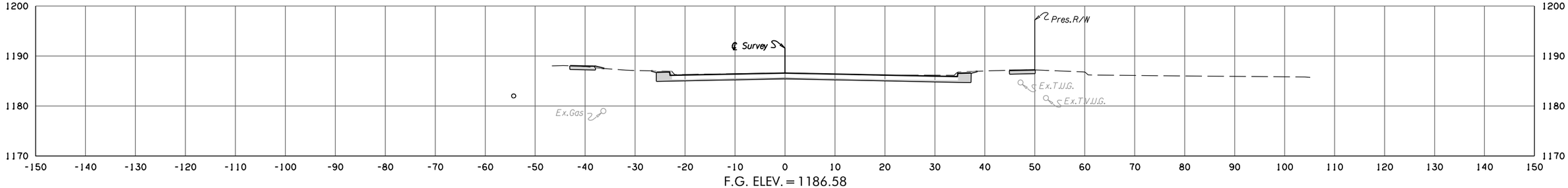
CUT	FILL
47	1



F.G. ELEV. = 1186.95
42 + 00.00

CUT	FILL
29	0

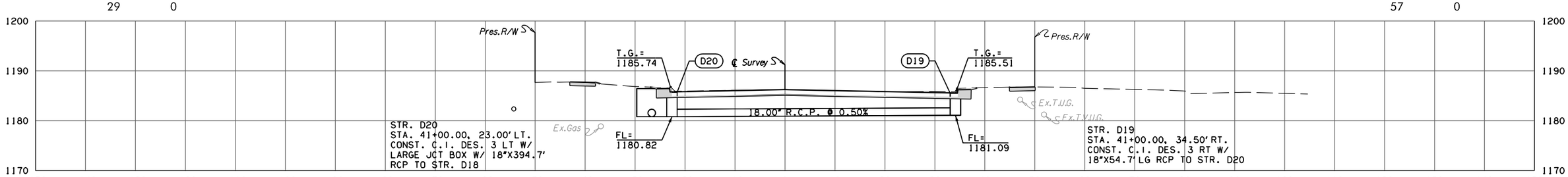
CUT	FILL
53	0



F.G. ELEV. = 1186.58
41 + 50.00

CUT	FILL
29	0

CUT	FILL
57	0



F.G. ELEV. = 1186.24
41 + 00.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X024

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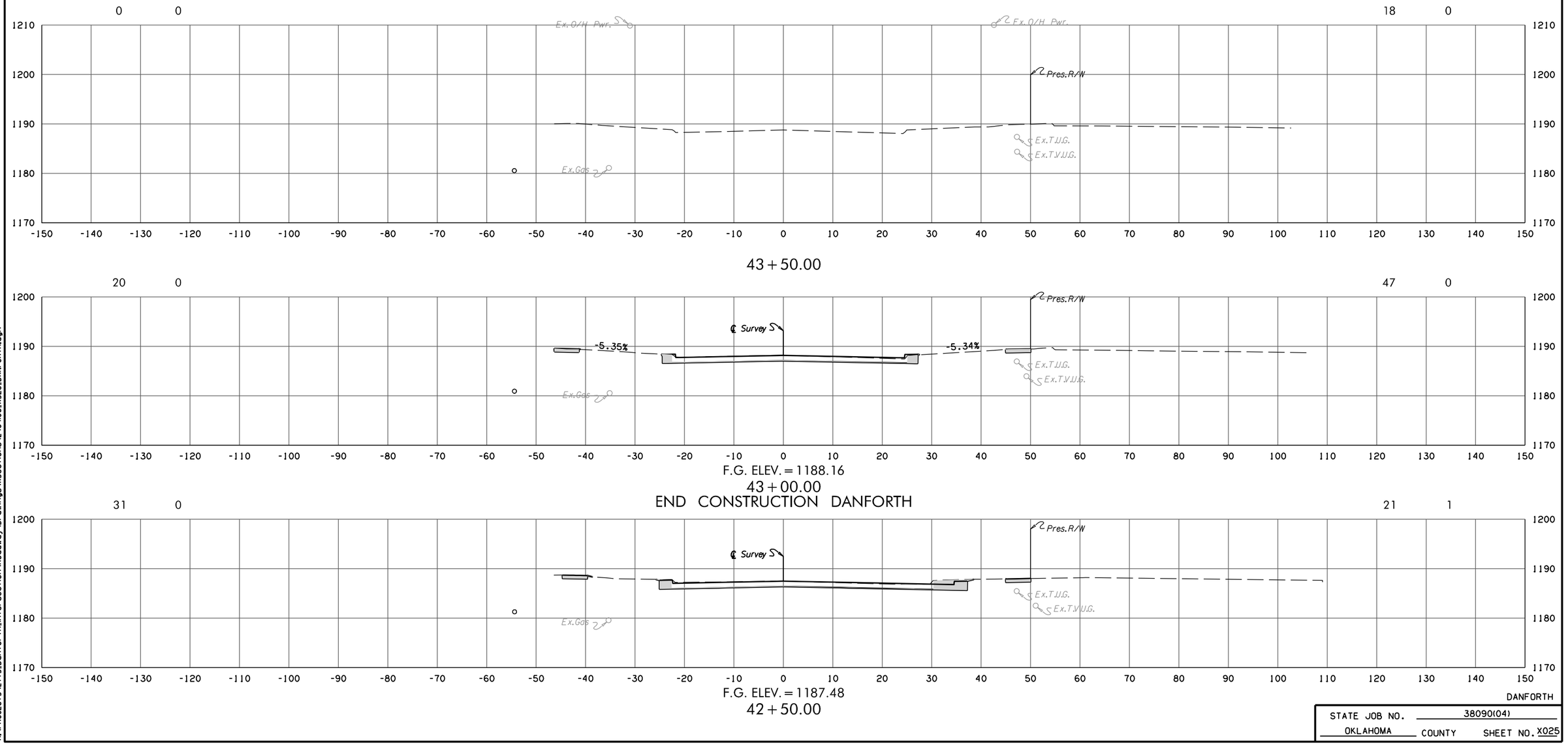
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

VOLUME
CUT FILL



43 + 50.00

F.G. ELEV. = 1188.16

43 + 00.00
END CONSTRUCTION DANFORTH

F.G. ELEV. = 1187.48
42 + 50.00

DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X025

4/4/2025 4:19:56 PM
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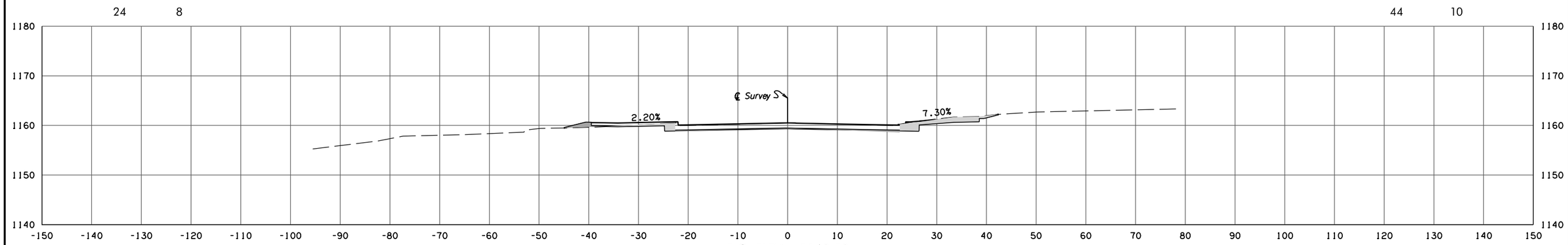
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

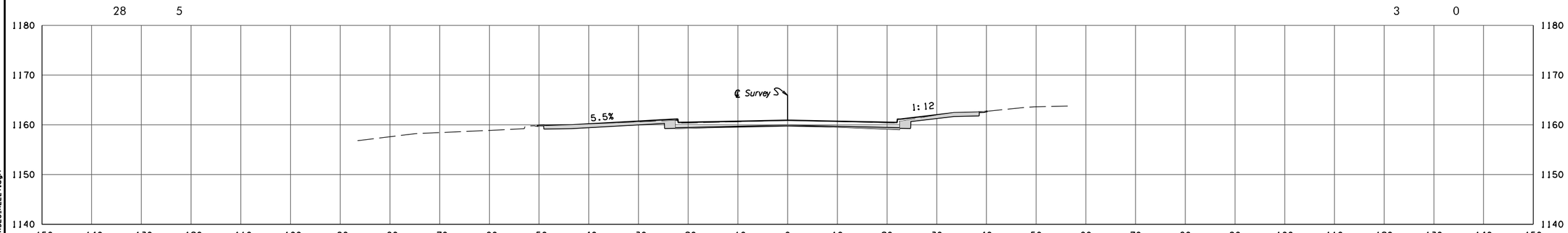
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

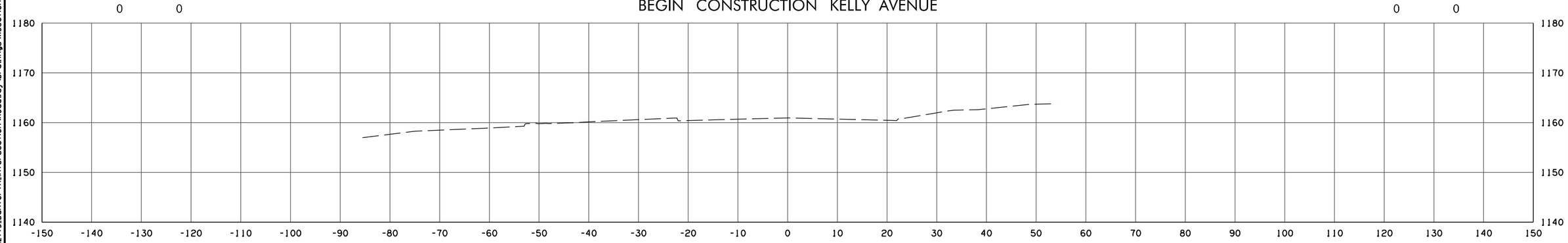
VOLUME
CUT FILL



F.G. ELEV. = 1160.50
93 + 00.00



F.G. ELEV. = 1160.91
92 + 55.00
BEGIN CONSTRUCTION KELLY AVENUE



KELLY AVENUE
92 + 50.00

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X026

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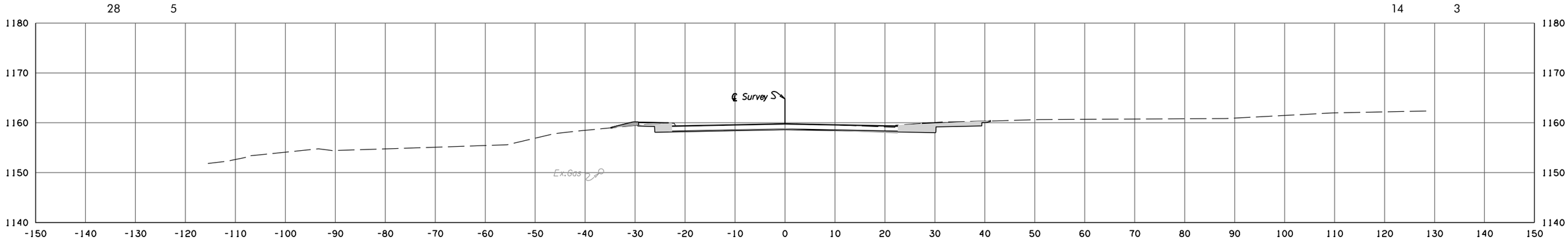
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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

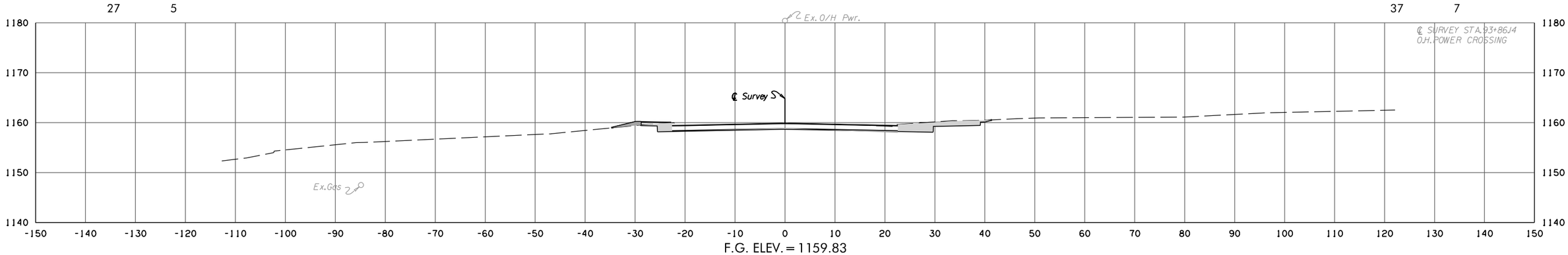
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

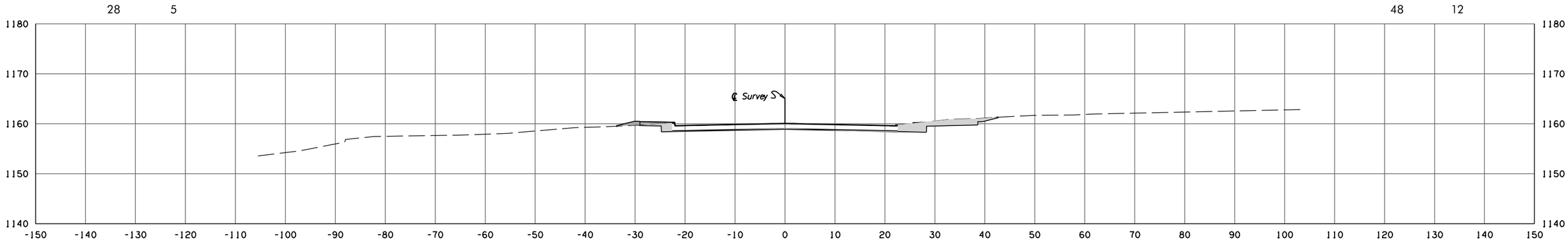
VOLUME
CUT FILL



F.G. ELEV. = 1159.78
94 + 00.00



F.G. ELEV. = 1159.83
93 + 86.14



F.G. ELEV. = 1160.06
93 + 50.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X027

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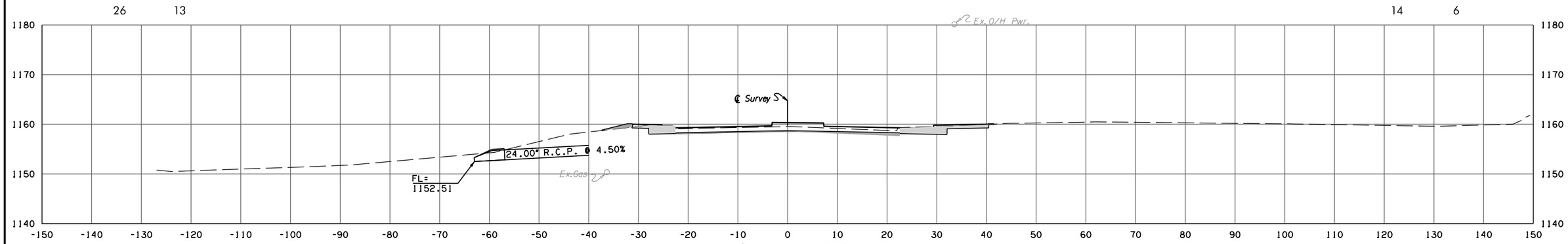
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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

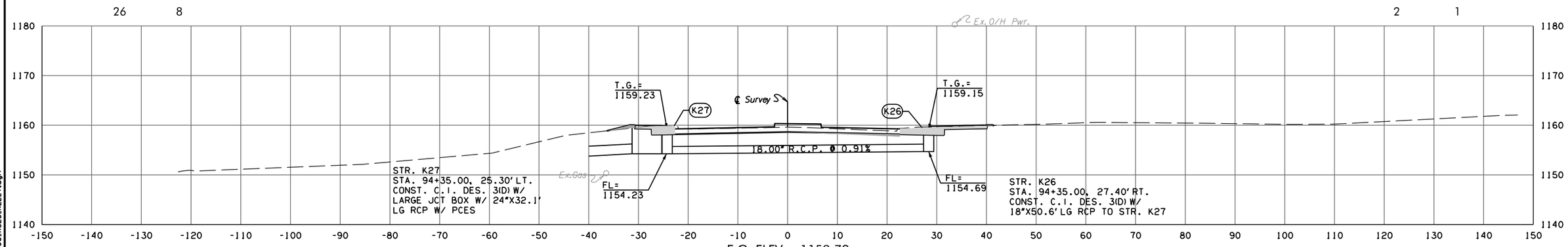
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

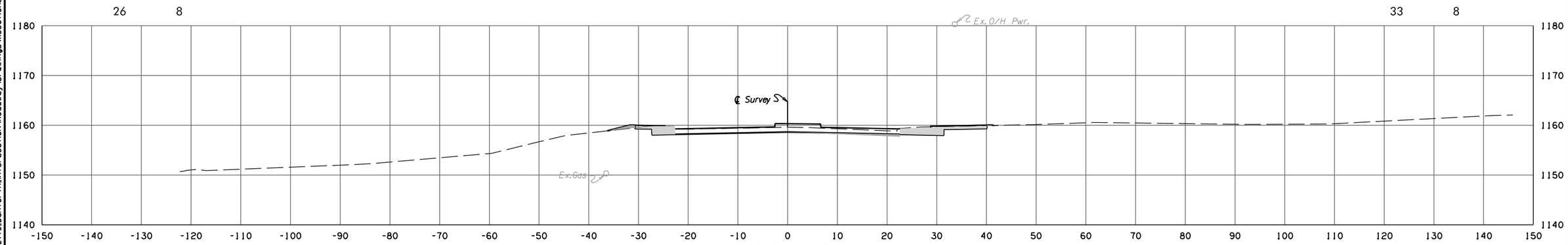
VOLUME
CUT FILL



F.G. ELEV. = 1159.73
94 + 50.00



F.G. ELEV. = 1159.72
94 + 35.72



F.G. ELEV. = 1159.72
94 + 33.74

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X028

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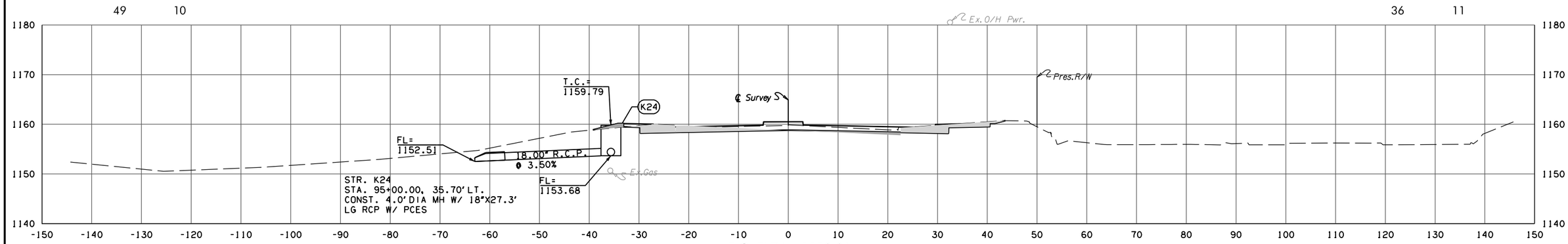
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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

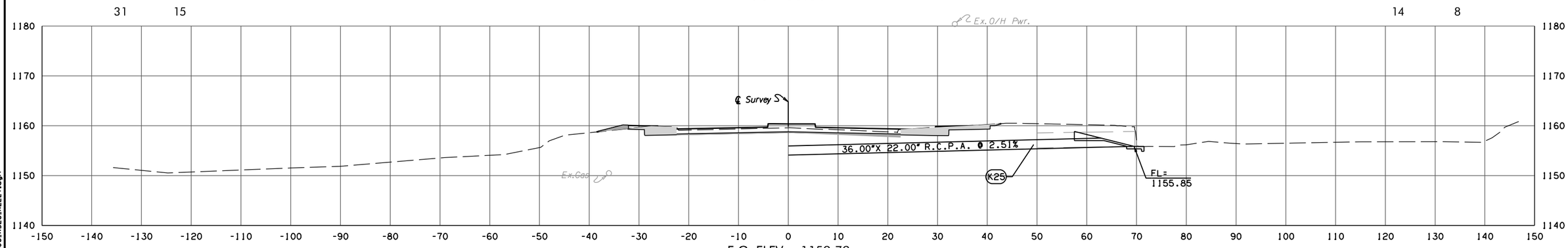
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

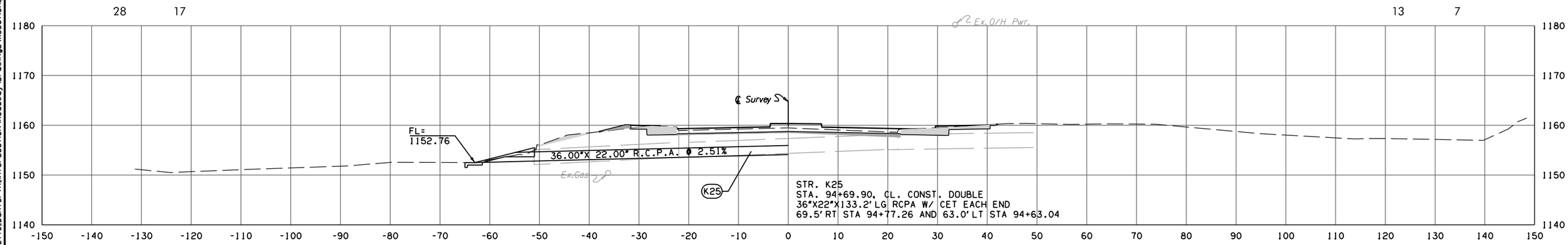
VOLUME
CUT FILL



F.G. ELEV. = 1159.91
95 + 00.00



F.G. ELEV. = 1159.79
94 + 75.23



F.G. ELEV. = 1159.75
94 + 62.58

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X029

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

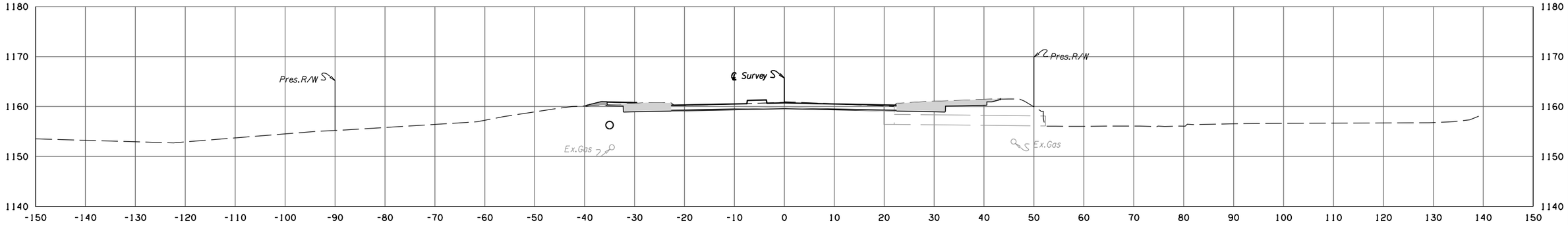
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

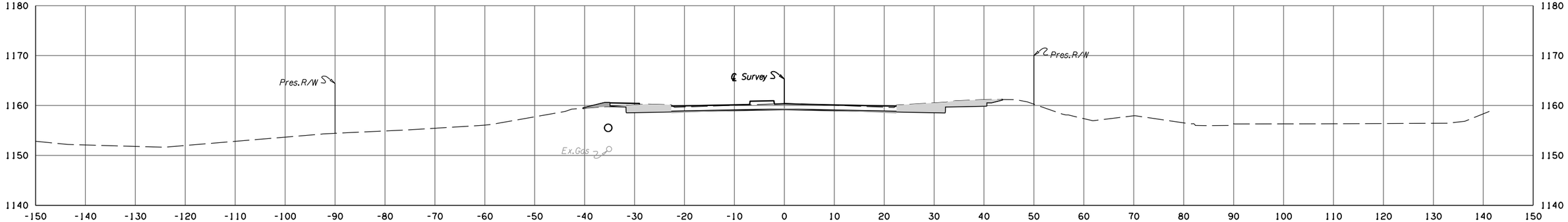
VOLUME
CUT FILL

45 4 55 7



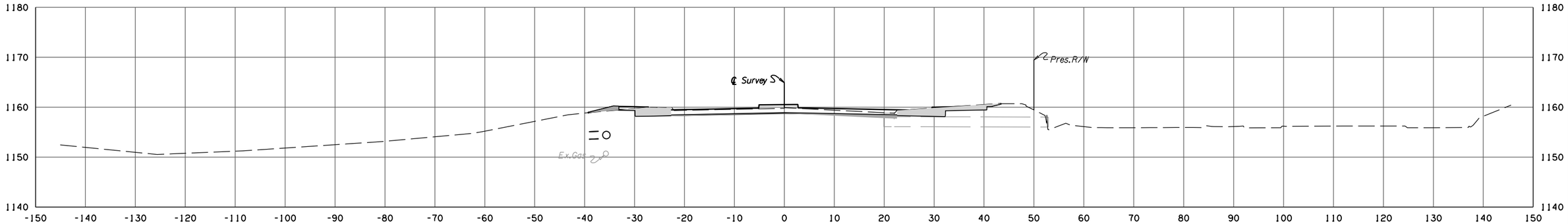
F.G. ELEV. = 1160.72
95 + 83.97

42 8 66 19



F.G. ELEV. = 1160.32
95 + 50.00

33 14 3 1



F.G. ELEV. = 1159.92
95 + 02.18

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X030

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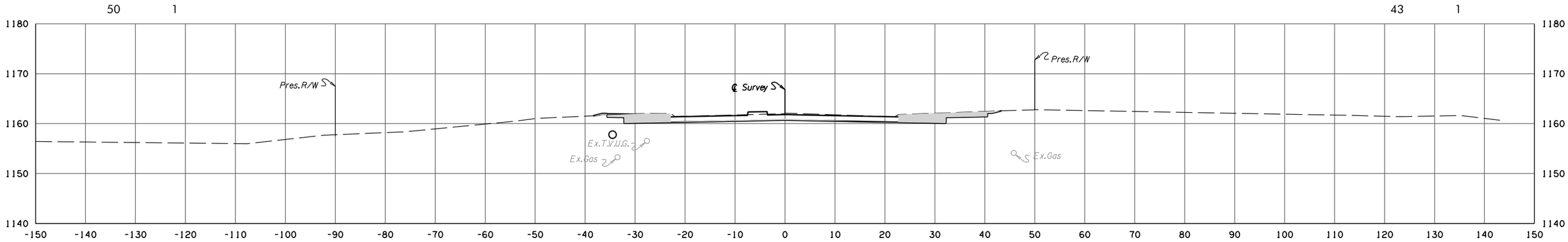
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

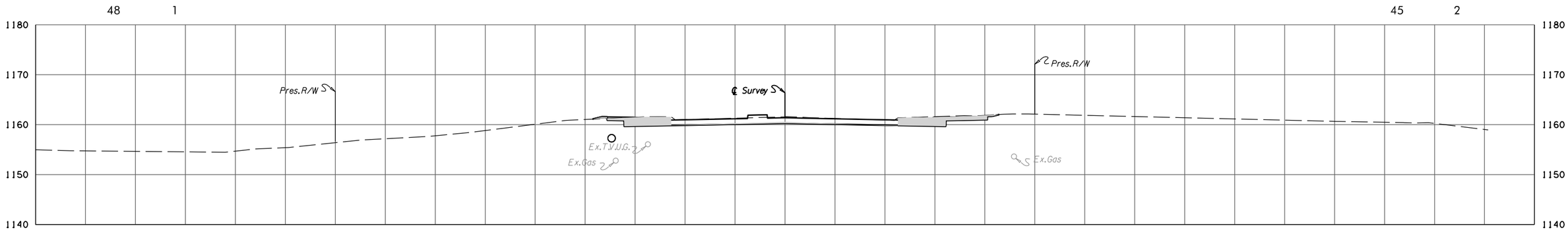
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

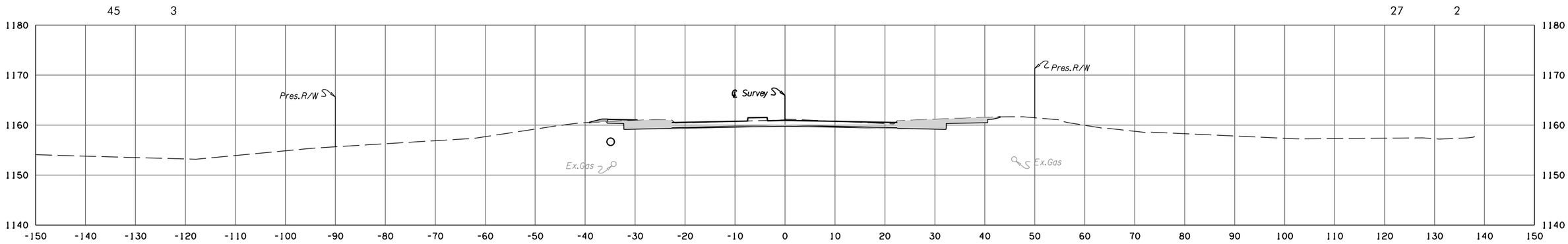
VOLUME
CUT FILL



F.G. ELEV. = 1161.81
96 + 50.00



F.G. ELEV. = 1161.38
96 + 26.44



F.G. ELEV. = 1160.95
96 + 00.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X031

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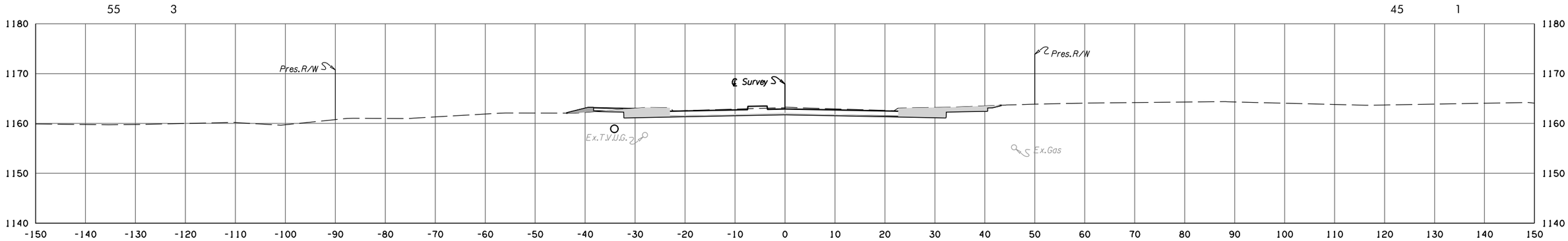
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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

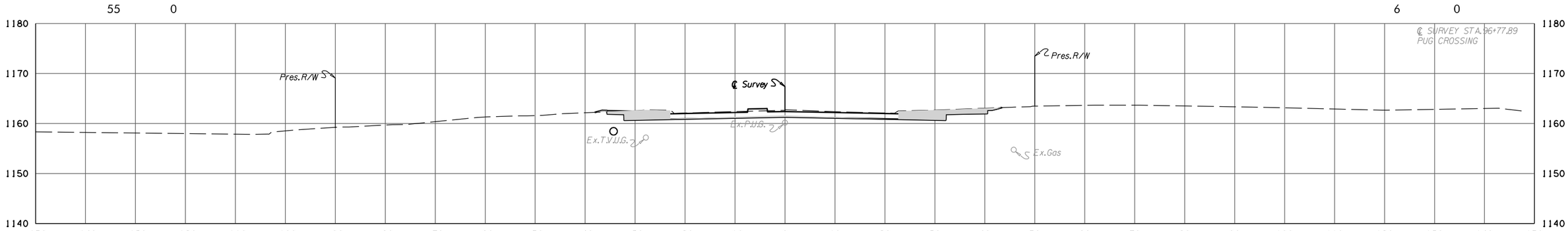
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

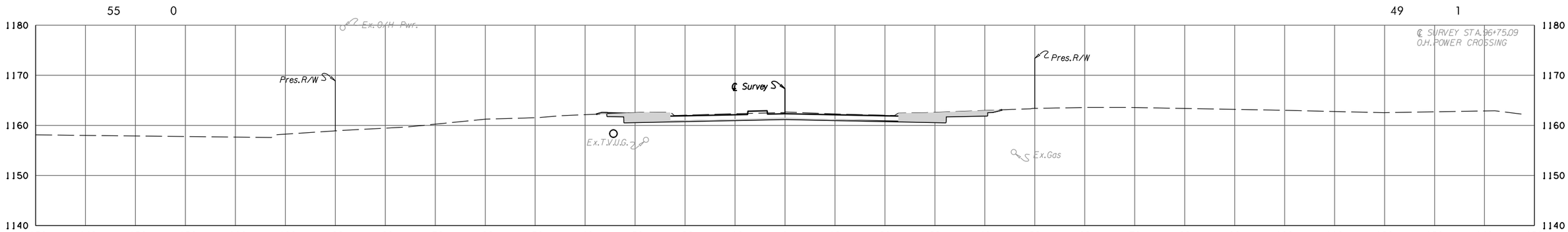
VOLUME
CUT FILL



F.G. ELEV. = 1162.90
97 + 00.00



F.G. ELEV. = 1162.39
96 + 77.89



F.G. ELEV. = 1162.33
96 + 75.09

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X032

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

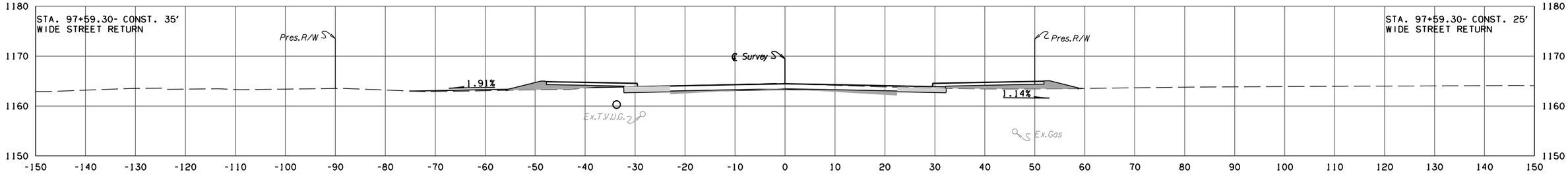
DESCRIPTION	DATE

AREA

CUT	FILL
19	47

VOLUME

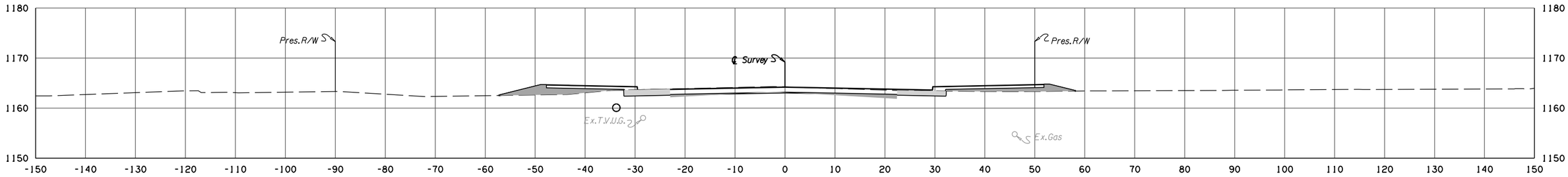
CUT	FILL
7	16



F.G. ELEV. = 1164.46
97 + 59.30

CUT	FILL
21	49

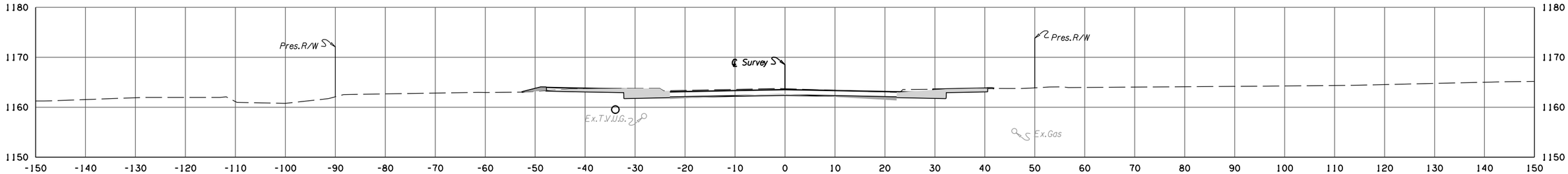
CUT	FILL
31	27



F.G. ELEV. = 1164.21
97 + 50.00

CUT	FILL
46	10

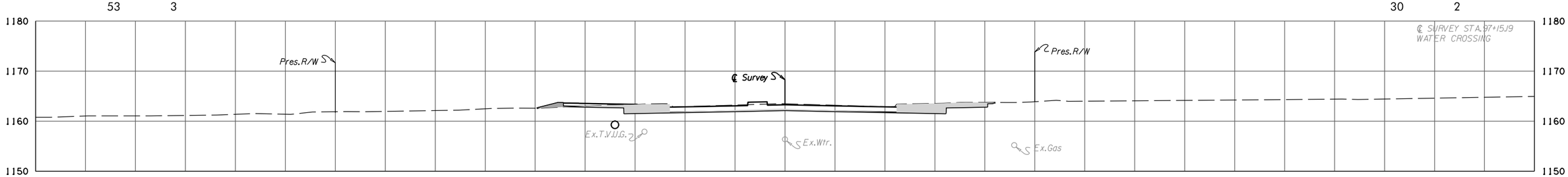
CUT	FILL
18	2



F.G. ELEV. = 1163.53
97 + 25.00

CUT	FILL
53	3

CUT	FILL
30	2



F.G. ELEV. = 1163.28
97 + 15.19

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X033

4/4/2025 4:20:05 PM
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NOTE:
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OF ANY AND ALL CONSTRUCTION ACTIVITIES.

POE & ASSOCIATES, OKLAHOMA CITY, OK.

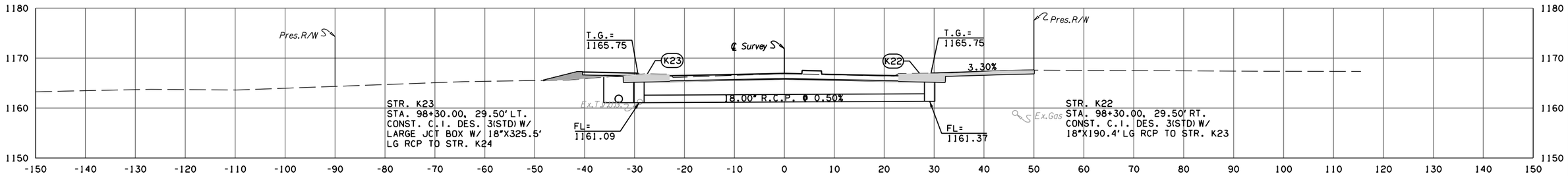
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

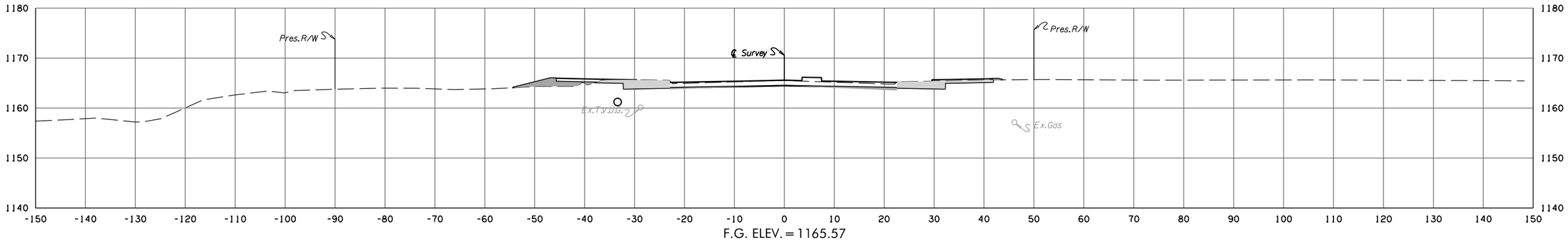
VOLUME
CUT FILL

41 13 71 32



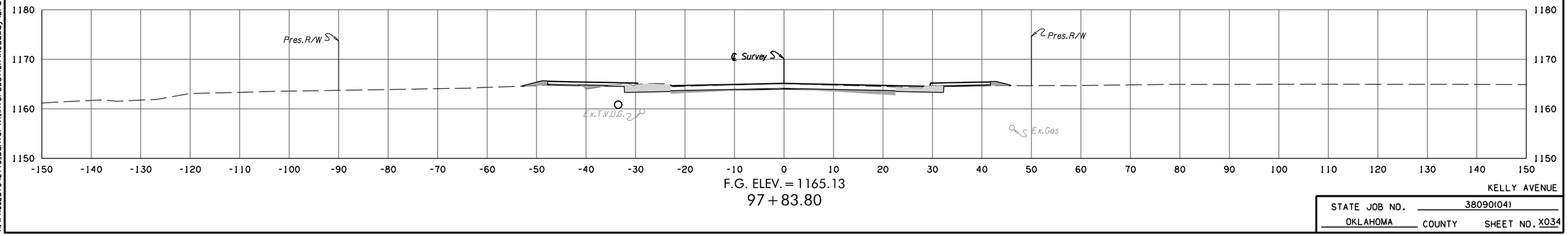
F.G. ELEV. = 1166.94
98 + 50.00

36 22 18 13



F.G. ELEV. = 1165.57
98 + 00.00

25 21 20 31



F.G. ELEV. = 1165.13
97 + 83.80

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X034

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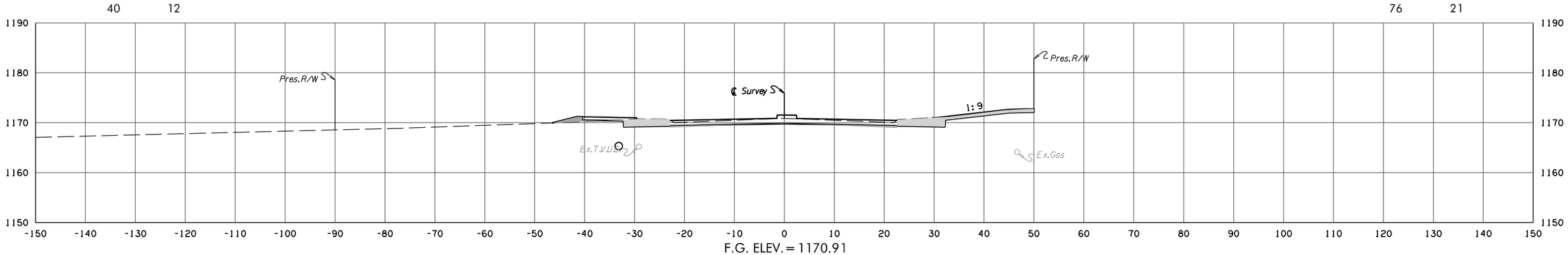
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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

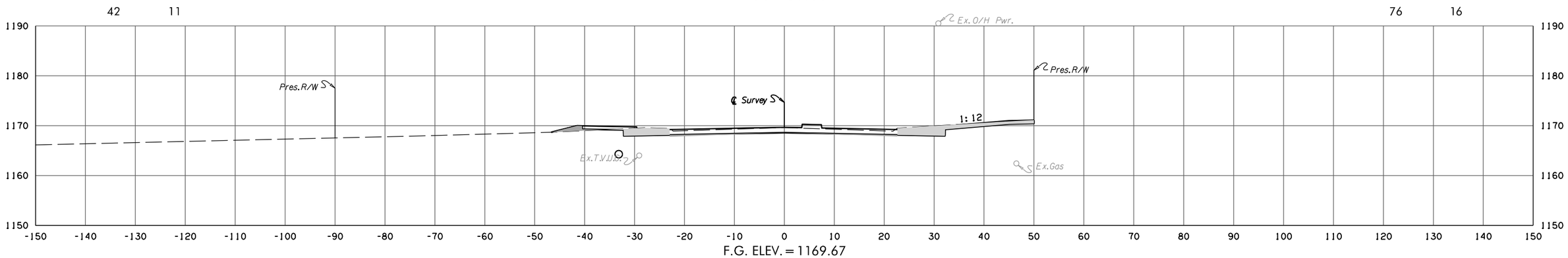
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

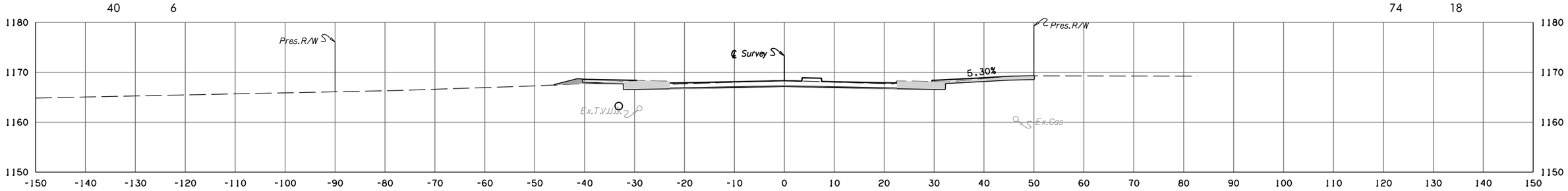
VOLUME
CUT FILL



F.G. ELEV. = 1170.91
100 + 00.00



F.G. ELEV. = 1169.67
99 + 50.00



F.G. ELEV. = 1168.31
99 + 00.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X035

4/4/2025 4:20:05 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

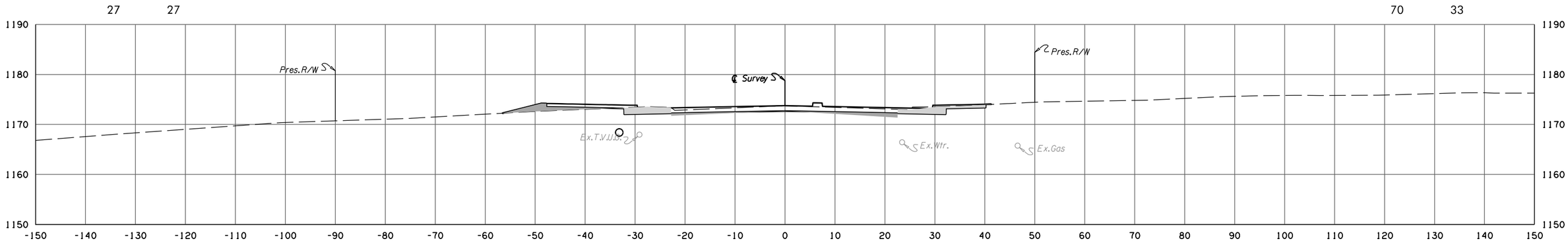
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

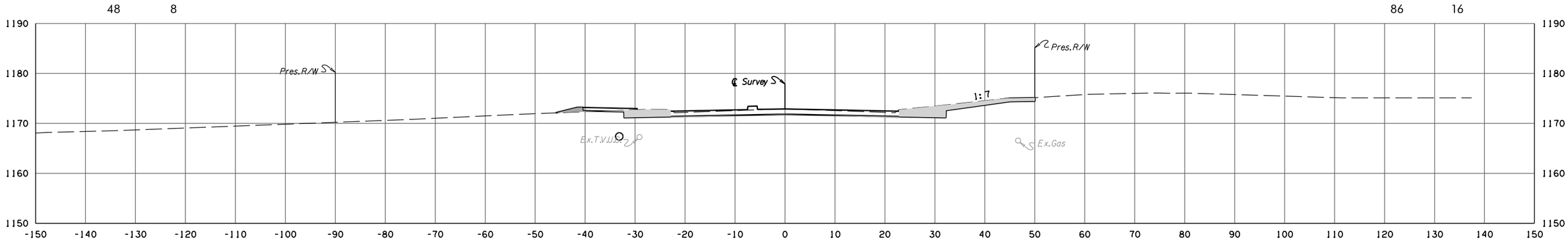
DESCRIPTION	DATE

AREA
CUT FILL

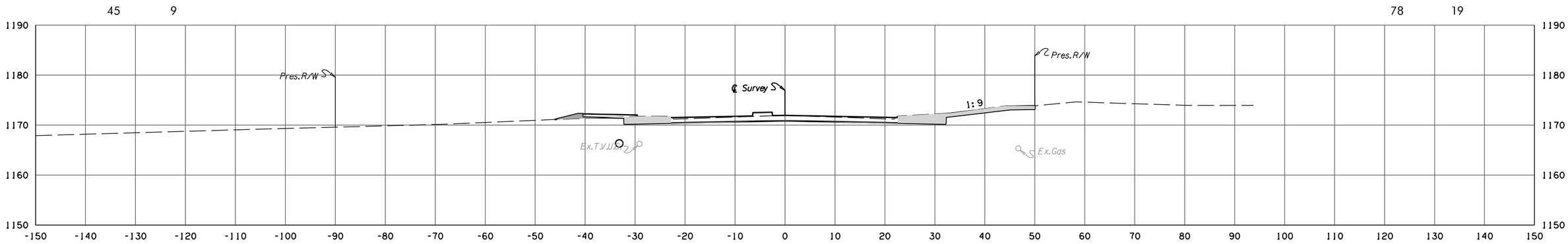
VOLUME
CUT FILL



F.G. ELEV. = 1173.76
101 + 50.00



F.G. ELEV. = 1172.90
101 + 00.00



F.G. ELEV. = 1171.96
100 + 50.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X036

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NOTE:
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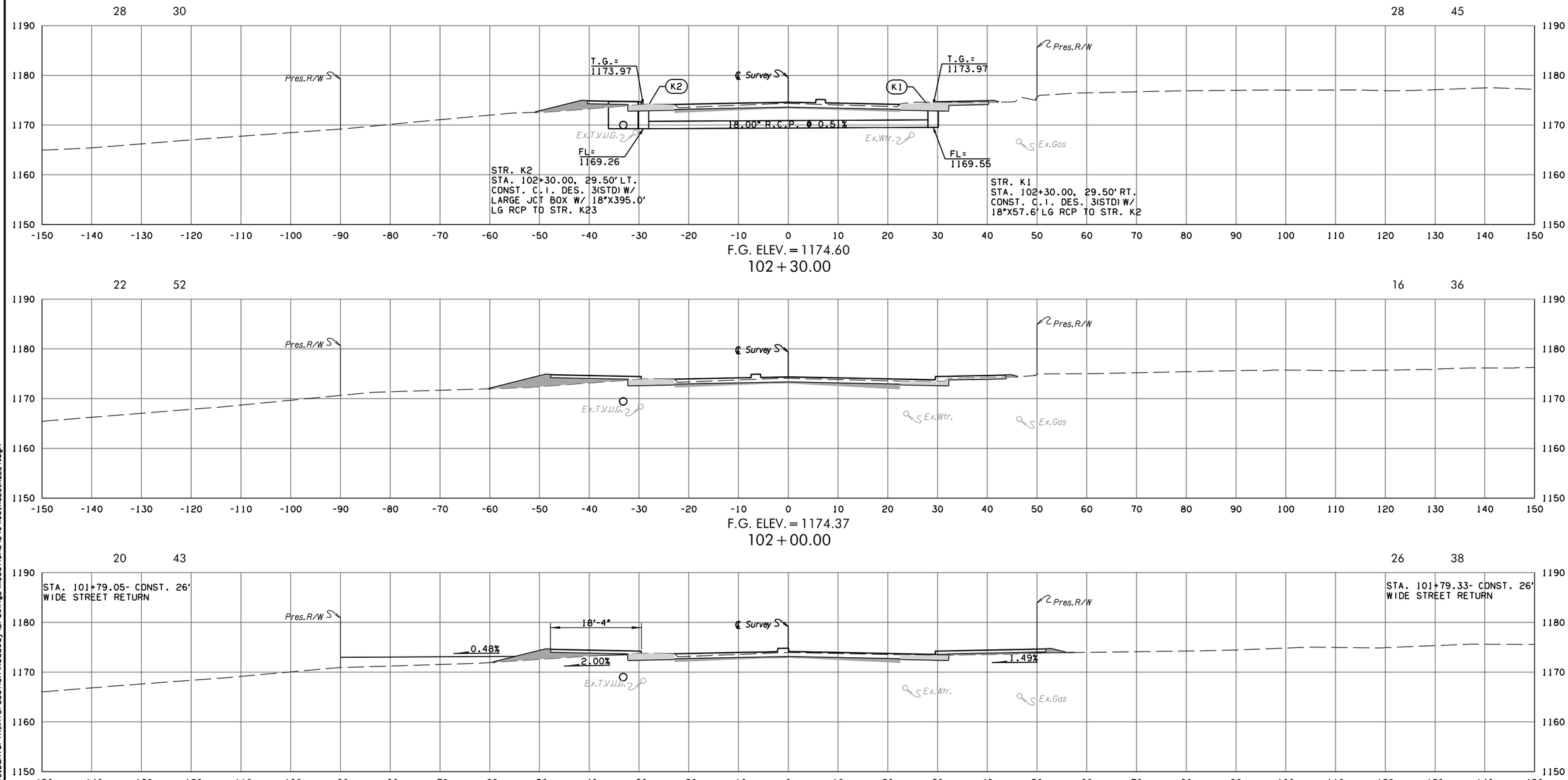
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

VOLUME
CUT FILL



F.G. ELEV. = 1174.60
102 + 30.00

F.G. ELEV. = 1174.37
102 + 00.00

F.G. ELEV. = 1174.15
101 + 79.33

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X037

4/4/2025 4:20:06 PM
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NOTE:
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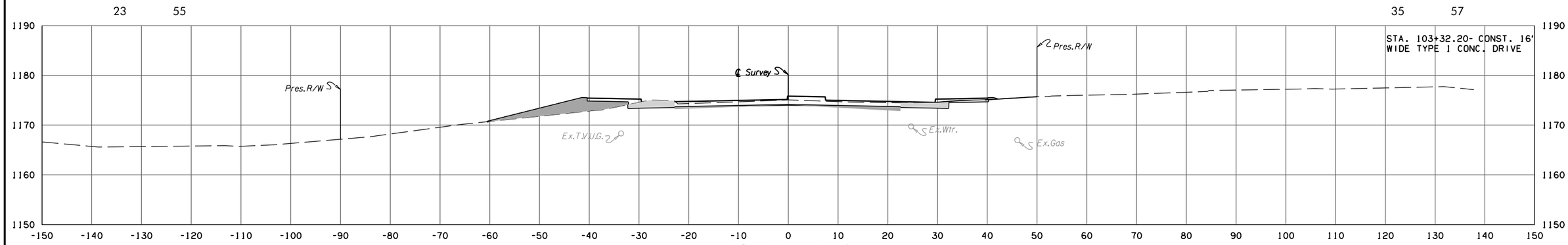
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

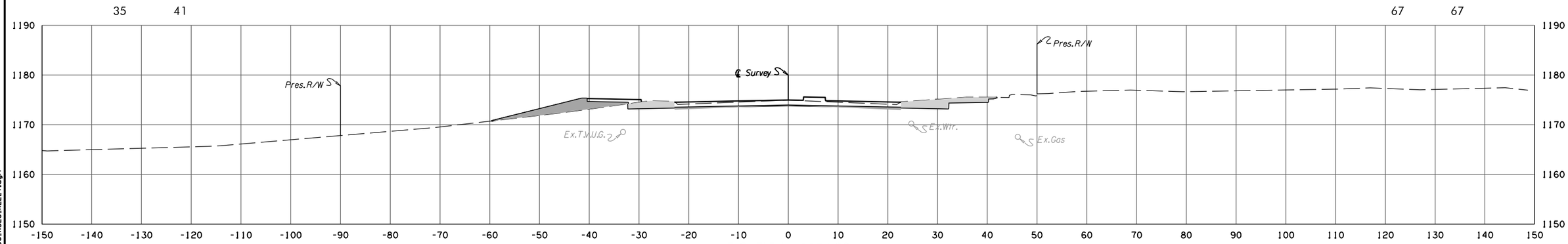
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

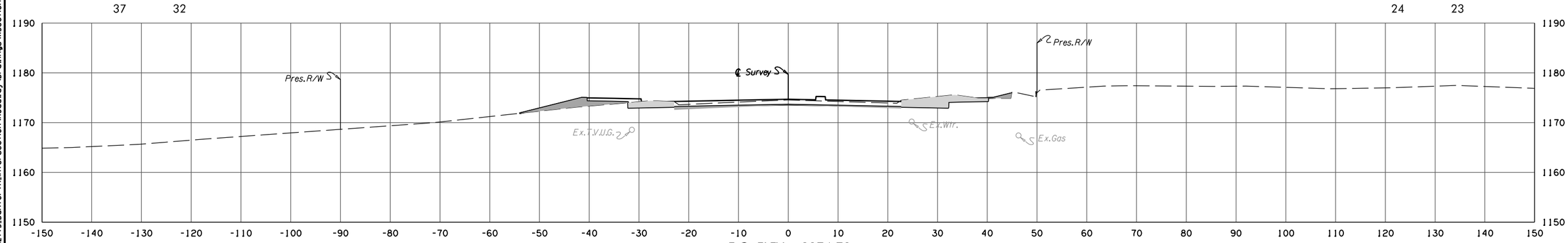
VOLUME
CUT FILL



F.G. ELEV. = 1175.16
103 + 32.20



F.G. ELEV. = 1174.98
103 + 00.00



F.G. ELEV. = 1174.71
102 + 50.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X038

4/4/2025 4:20:07 PM
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NOTE:
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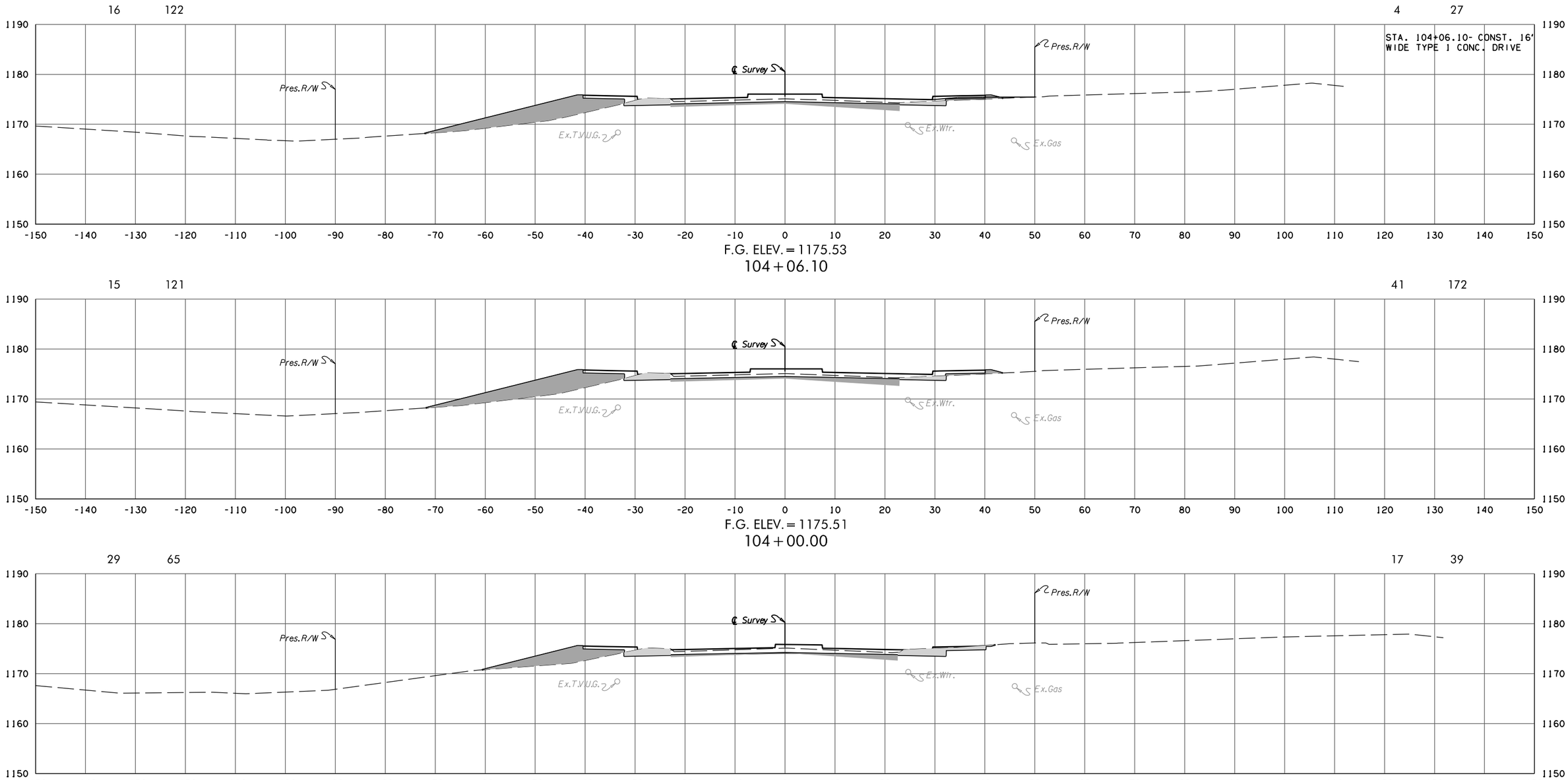
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

VOLUME
CUT FILL



F.G. ELEV. = 1175.53
104 + 06.10

F.G. ELEV. = 1175.51
104 + 00.00

F.G. ELEV. = 1175.25
103 + 50.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X039

4/4/2025 4:20:07 PM
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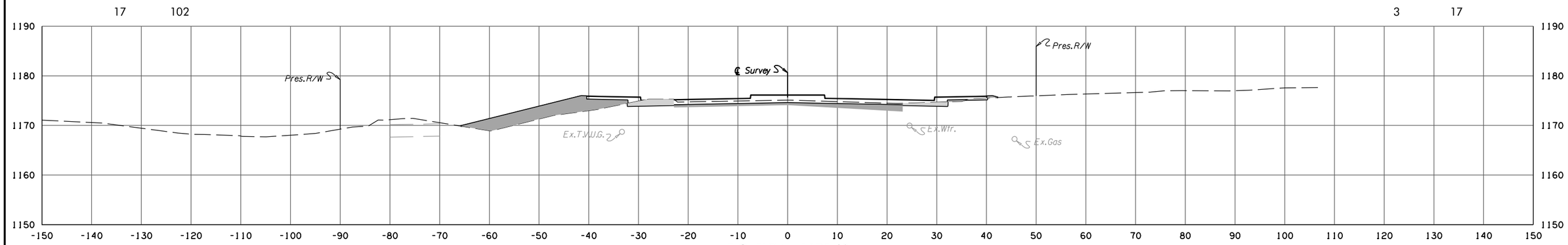
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

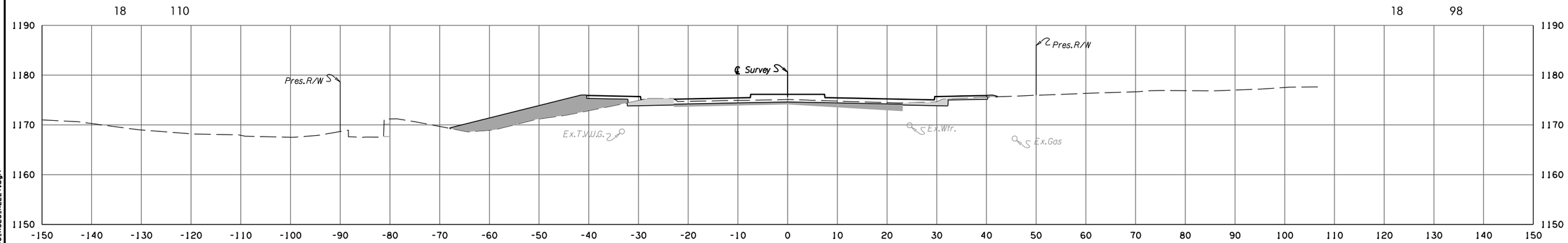
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

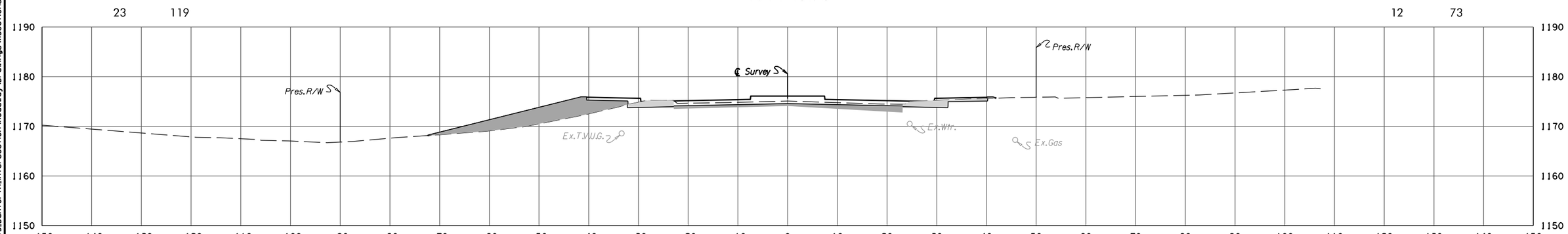
VOLUME
CUT FILL



F.G. ELEV. = 1175.62
104 + 50.00



F.G. ELEV. = 1175.62
104 + 45.78



F.G. ELEV. = 1175.58
104 + 22.56

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X040

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

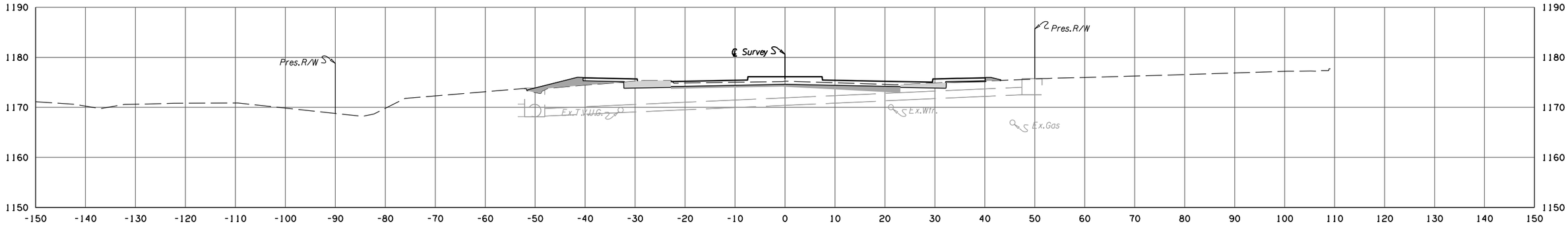
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

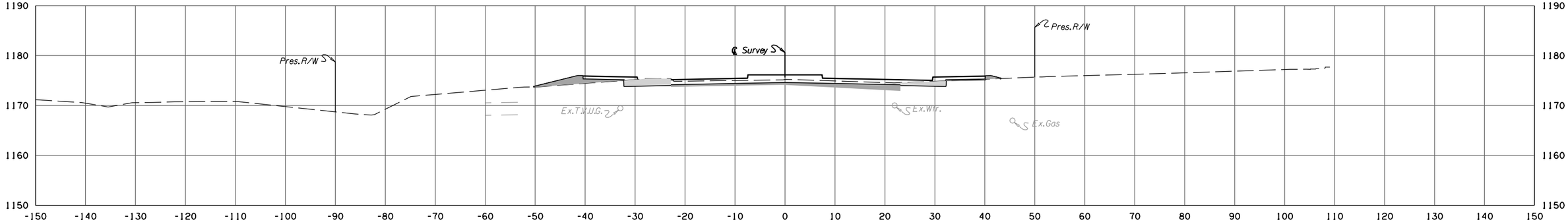
VOLUME
CUT FILL

19 43 1 3



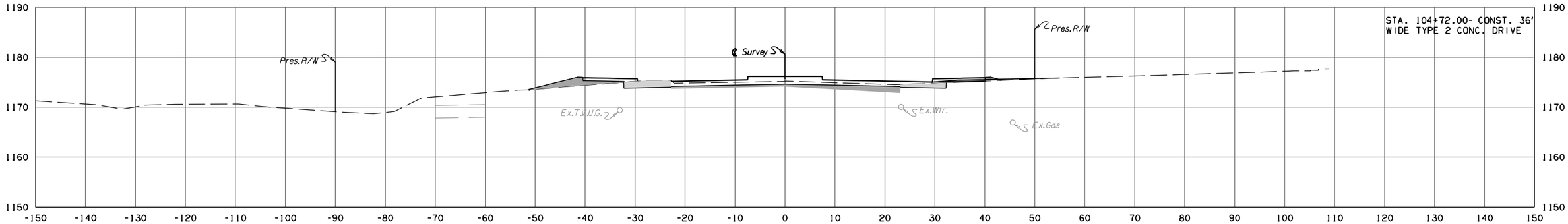
F.G. ELEV. = 1175.62
104 + 77.57

19 41 3 6



F.G. ELEV. = 1175.62
104 + 75.58

19 43 15 59



STA. 104+72.00- CONST. 36' WIDE TYPE 2 CONC. DRIVE

F.G. ELEV. = 1175.62
104 + 72.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X041

4/4/2025 4:20:08 PM
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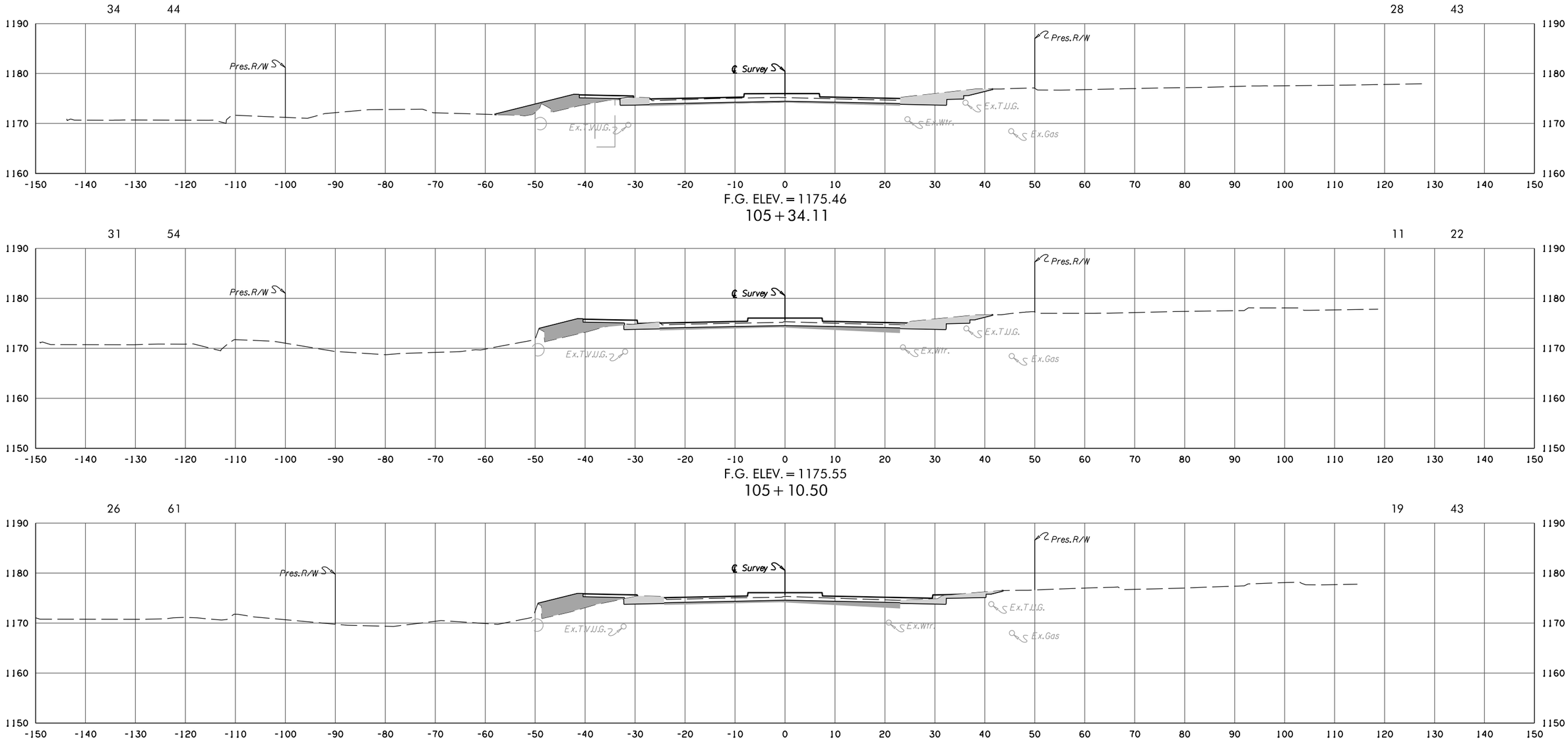
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

VOLUME
CUT FILL



F.G. ELEV. = 1175.46
105 + 34.11

F.G. ELEV. = 1175.55
105 + 10.50

F.G. ELEV. = 1175.58
105 + 00.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X042

4/4/2025 4:20:08 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

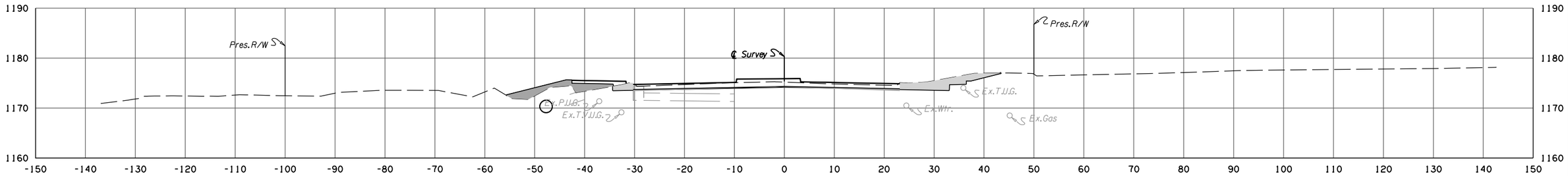
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

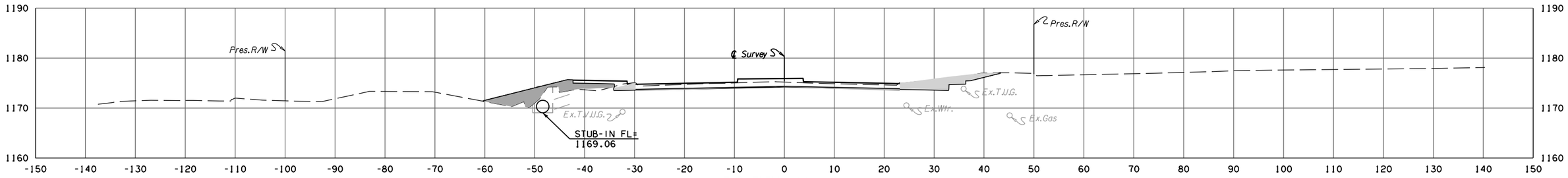
VOLUME
CUT FILL

32 31 7 9



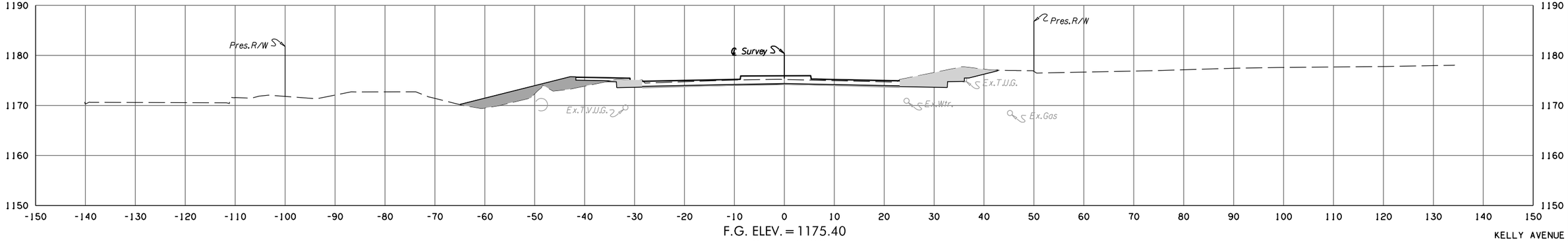
F.G. ELEV. = 1175.33
105+71.10

34 48 23 29



F.G. ELEV. = 1175.35
105+65.26

46 55 24 29



F.G. ELEV. = 1175.40
105+50.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X043

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

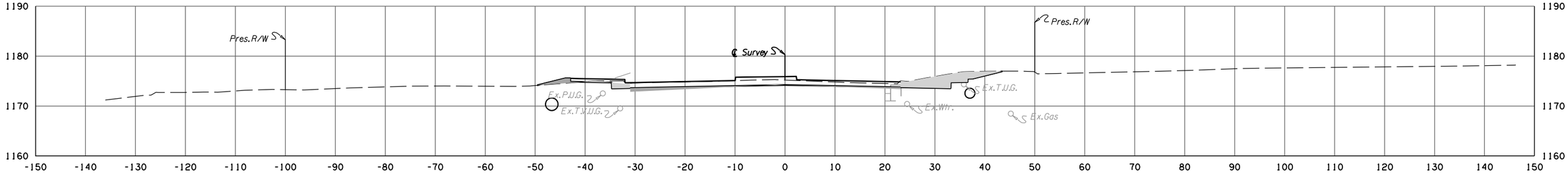
DESCRIPTION	DATE

AREA

CUT	FILL
37	18

VOLUME

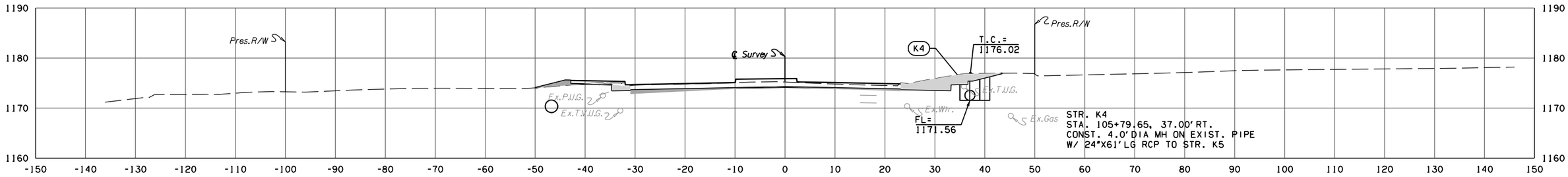
CUT	FILL
1	0



F.G. ELEV. = 1175.30
105 + 80.28

CUT	FILL
36	19

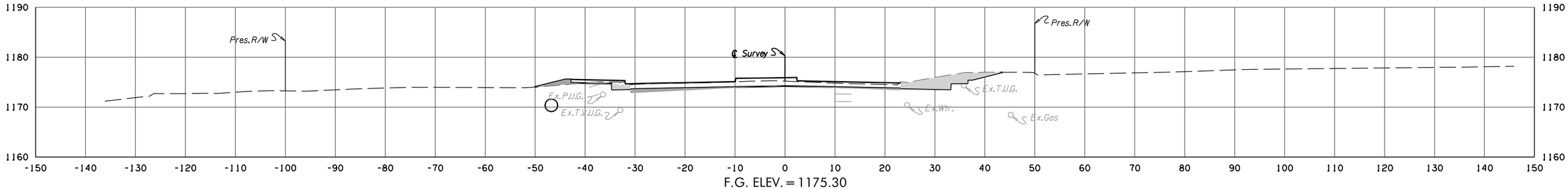
CUT	FILL
0	0



F.G. ELEV. = 1175.30
105 + 79.65

CUT	FILL
36	20

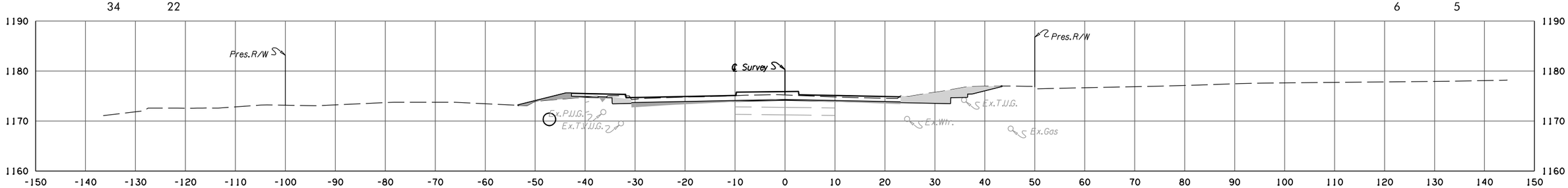
CUT	FILL
4	3



F.G. ELEV. = 1175.30
105 + 79.43

CUT	FILL
34	22

CUT	FILL
6	5



F.G. ELEV. = 1175.31
105 + 76.01

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X044

4/4/2025 4:20:09 PM
H:\PROJECTS\2775_Dorforth_Intersection\Roadway\Drawings\XSections\240406_XSEC_KELLY.dgn

NOTE:
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

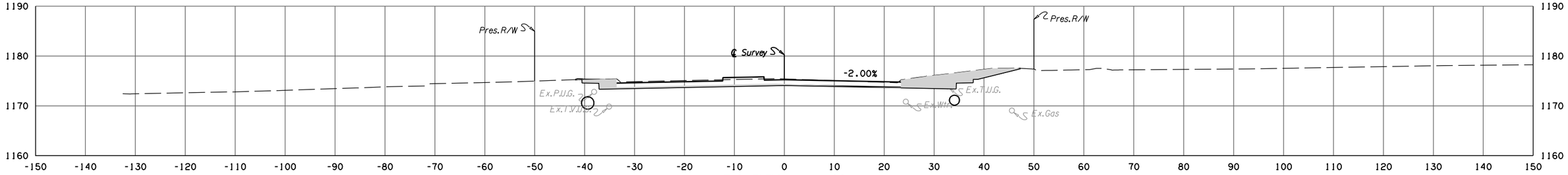
REVISIONS	
DESCRIPTION	DATE

AREA

CUT	FILL
65	1

VOLUME

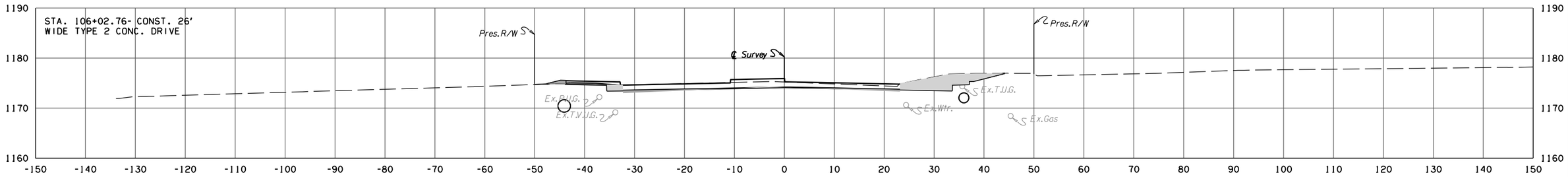
CUT	FILL
82	9



F.G. ELEV. = 1175.23
106 + 44.00
BEGIN ROTATION RT. LANES

CUT	FILL
43	11

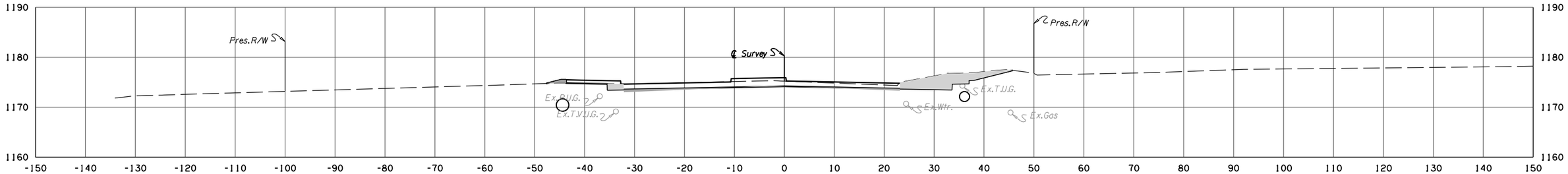
CUT	FILL
4	1



F.G. ELEV. = 1175.26
106 + 02.76

CUT	FILL
44	12

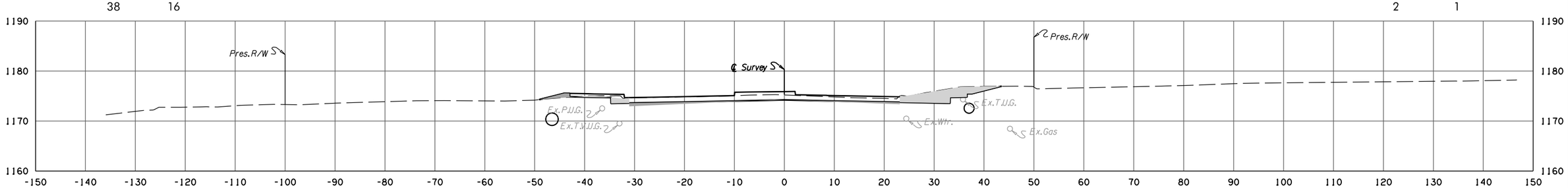
CUT	FILL
28	10



F.G. ELEV. = 1175.26
106 + 00.00

CUT	FILL
38	16

CUT	FILL
2	1



F.G. ELEV. = 1175.30
105 + 81.44

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X045

4/4/2025 4:20:09 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

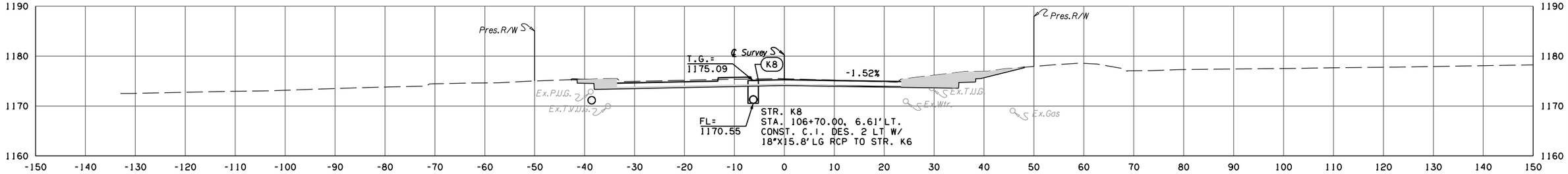
DESCRIPTION	DATE

AREA

CUT	FILL
66	0

VOLUME

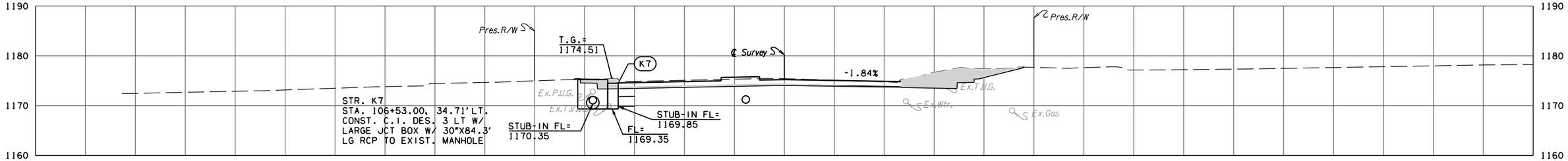
CUT	FILL
44	0



F.G. ELEV. = 1175.26
106 + 70.00

CUT	FILL
74	1

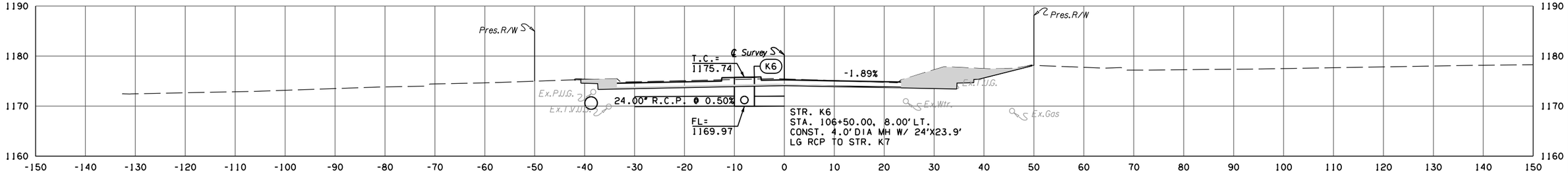
CUT	FILL
9	0



F.G. ELEV. = 1175.24
106 + 53.00

CUT	FILL
80	1

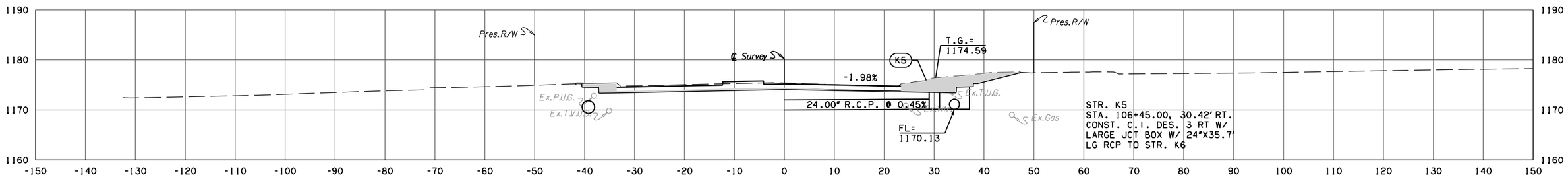
CUT	FILL
14	0



F.G. ELEV. = 1175.24
106 + 50.00

CUT	FILL
67	1

CUT	FILL
2	0



F.G. ELEV. = 1175.23
106 + 45.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X046

4/4/2025 4:20:0 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

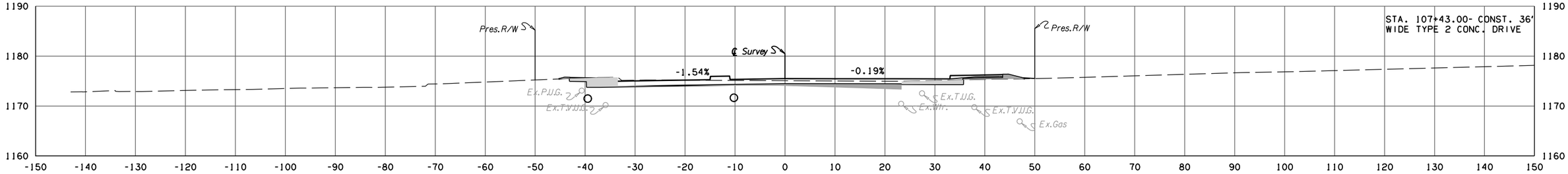
REVISIONS	
DESCRIPTION	DATE

AREA

CUT	FILL
24	25

VOLUME

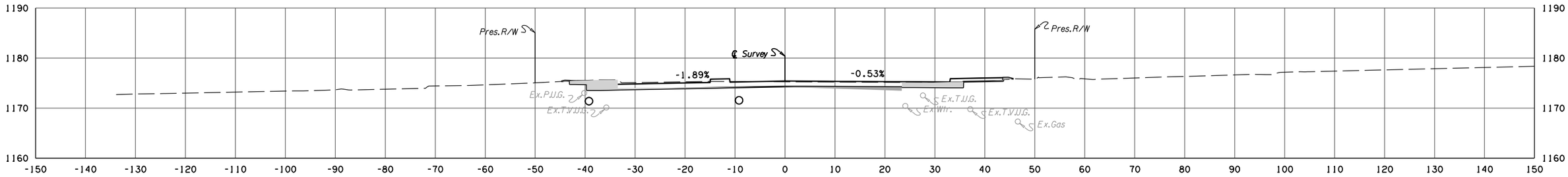
CUT	FILL
19	12



F.G. ELEV. = 1175.49
107 + 43.00

CUT	FILL
32	10

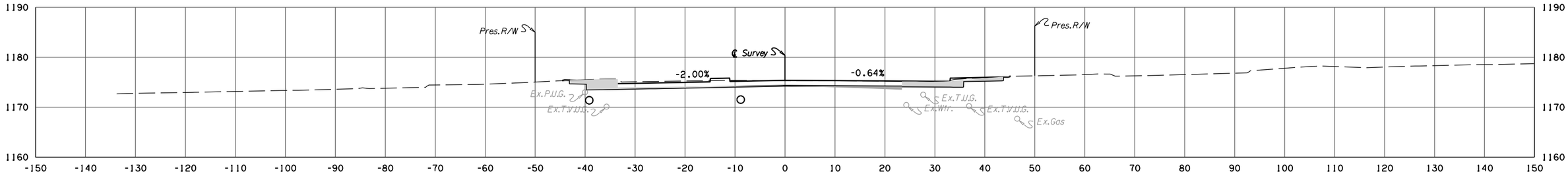
CUT	FILL
8	2



F.G. ELEV. = 1175.41
107 + 24.14

CUT	FILL
38	8

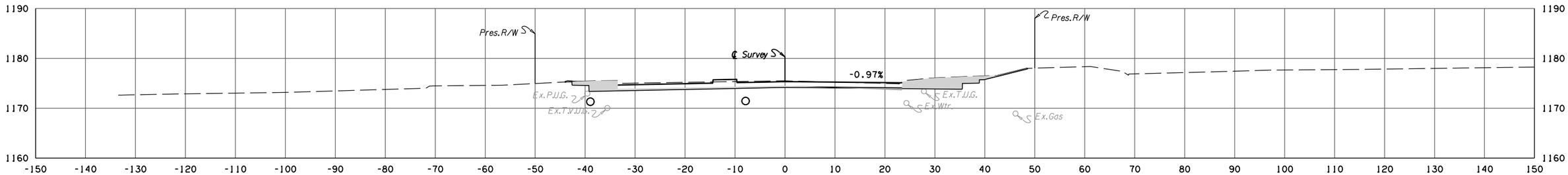
CUT	FILL
31	4



F.G. ELEV. = 1175.38
107 + 18.00
BEGIN ROTATION LT. LANES

CUT	FILL
56	3

CUT	FILL
68	2



F.G. ELEV. = 1175.32
107 + 00.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X047

4/4/2025 4:20:0 PM
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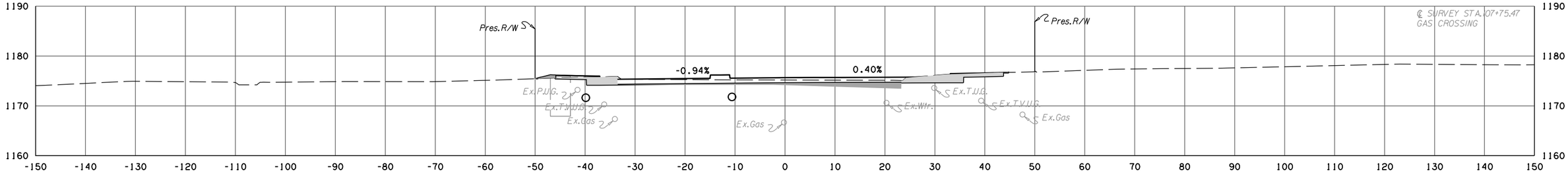
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

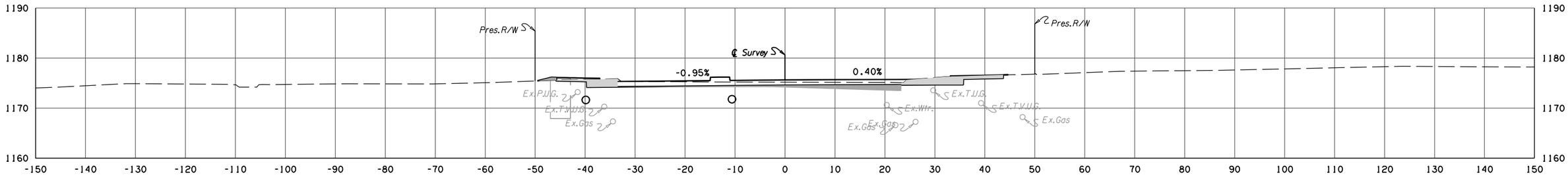
AREA
CUT FILL
33 28

VOLUME
CUT FILL
1 0



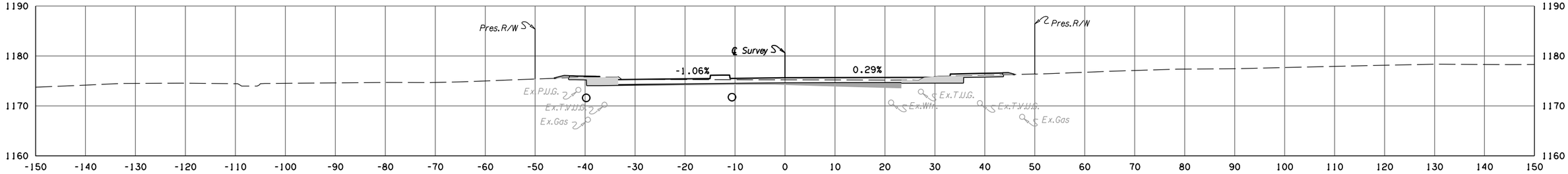
107+75.47

33 28 7 6



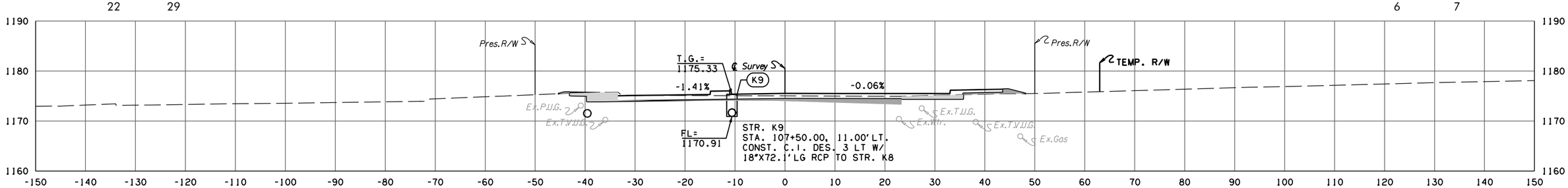
F.G. ELEV. = 1175.65
107+75.00
BEGIN FULL ROTATED RT. LANES

26 23 17 18



F.G. ELEV. = 1175.62
107+69.00

22 29 6 7



F.G. ELEV. = 1175.52
107+50.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X048

4/4/2025 4:20:10 PM
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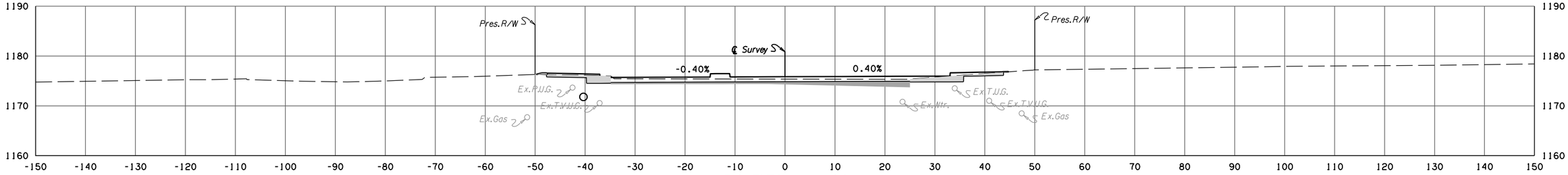
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL
22 32

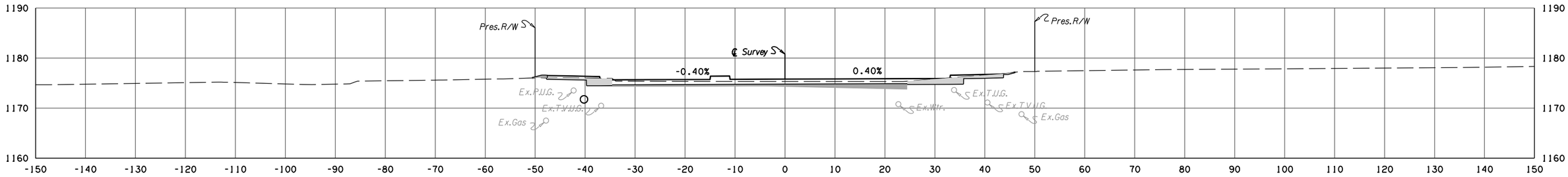
VOLUME
CUT FILL
7 9



F.G. ELEV. = 1175.84
108 + 13.00

25 32

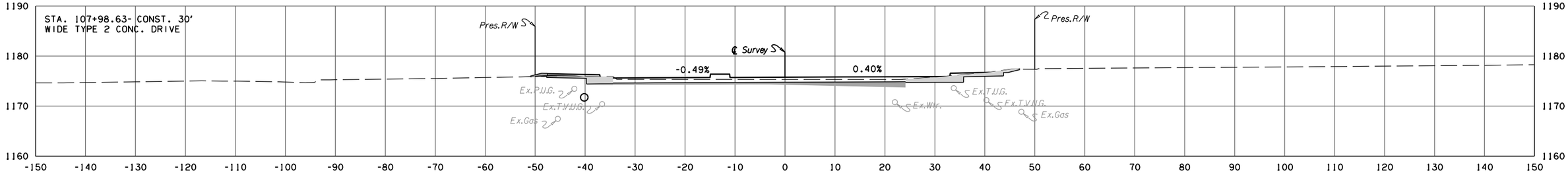
5 6



F.G. ELEV. = 1175.80
108 + 05.00
BEGIN FULL ROTATED LT. LANES

27 31

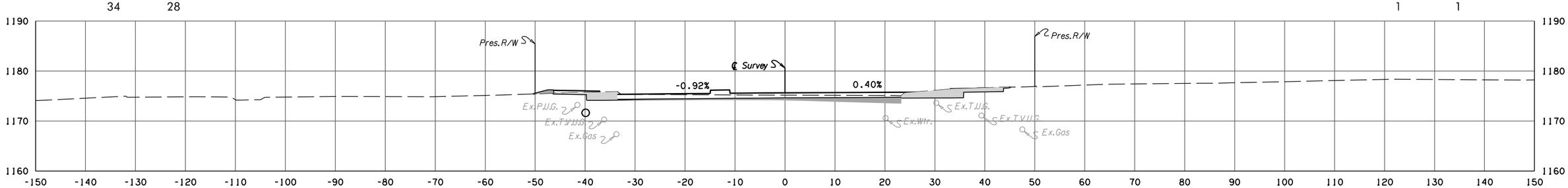
27 26



F.G. ELEV. = 1175.77
108 + 00.00

34 28

1 1



F.G. ELEV. = 1175.66
107 + 76.50

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X049

4/4/2025 4:20:pm
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

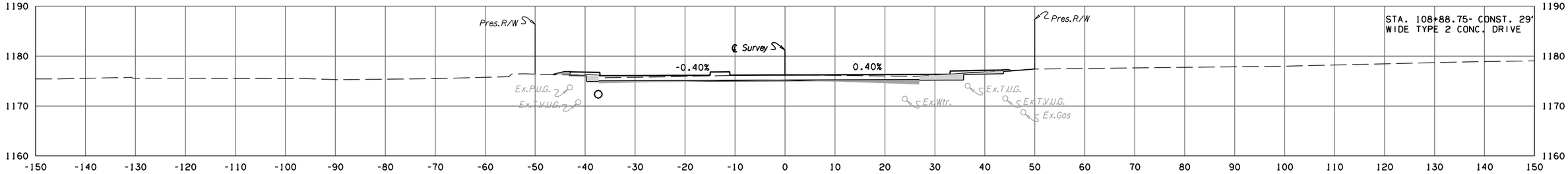
DESCRIPTION	DATE

AREA

CUT	FILL
16	18

VOLUME

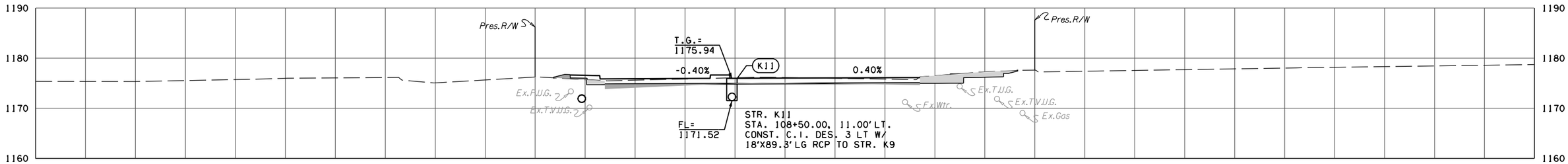
CUT	FILL
31	26



F.G. ELEV. = 1176.22
108 + 88.75

27	18

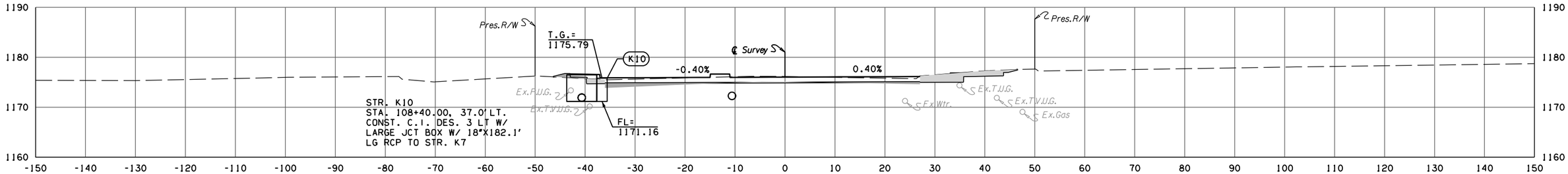
1	1



F.G. ELEV. = 1176.02
108 + 50.00

27	18

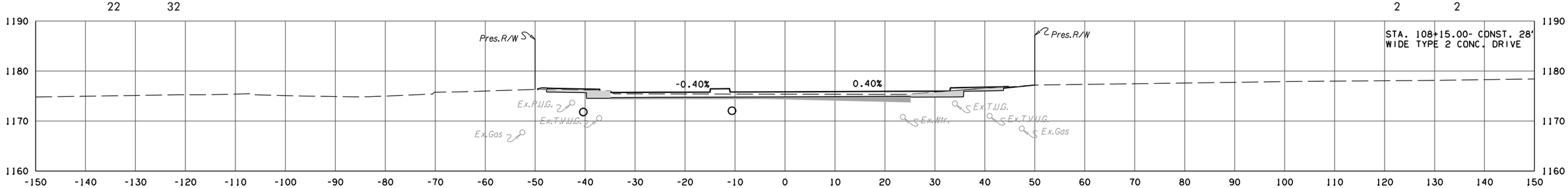
31	32



F.G. ELEV. = 1176.02
108 + 49.22

22	32

2	2



F.G. ELEV. = 1175.85
108 + 15.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X050

4/4/2025 4:20:pm
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

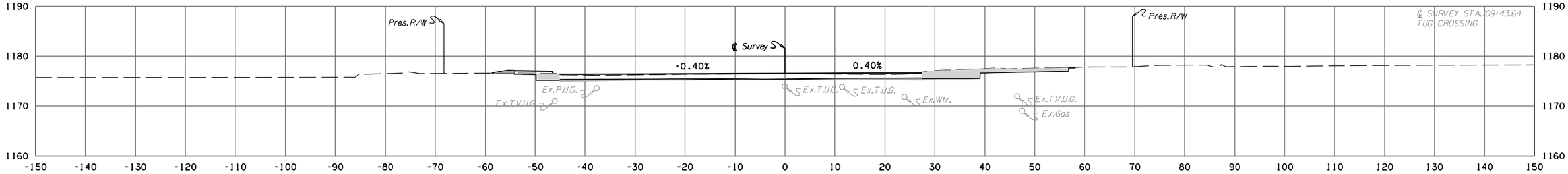
DESCRIPTION	DATE

AREA

CUT	FILL
41	12

VOLUME

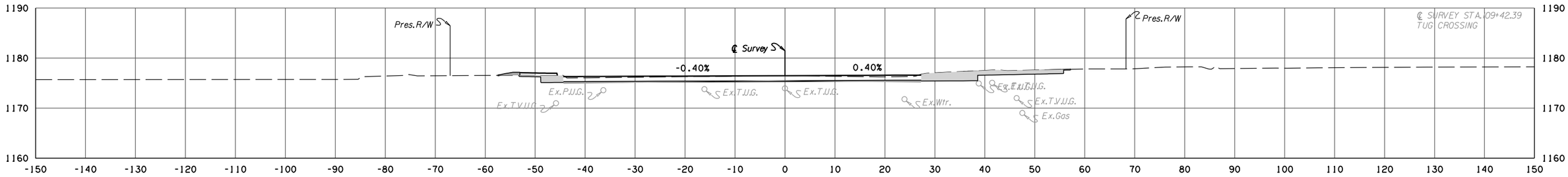
CUT	FILL
2	1



F.G. ELEV. = 1176.49
109 + 43.64

CUT	FILL
39	12

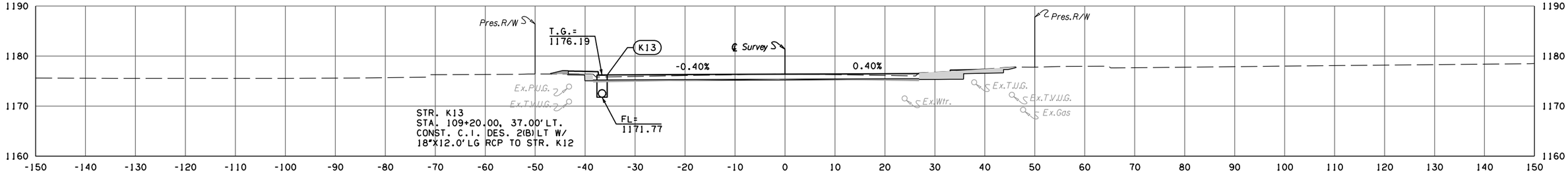
CUT	FILL
26	10



F.G. ELEV. = 1176.49
109 + 42.39

CUT	FILL
23	12

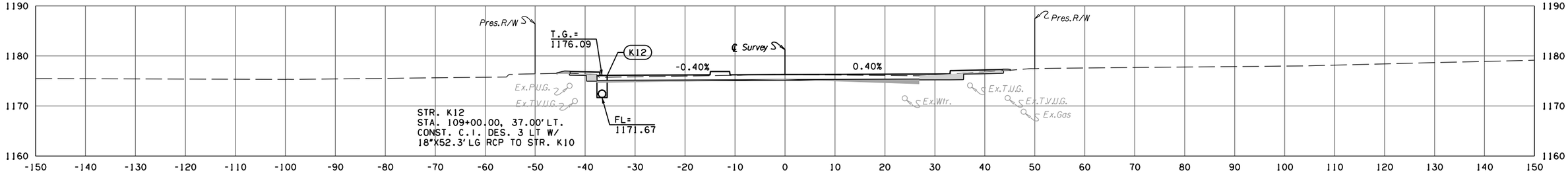
CUT	FILL
14	12



F.G. ELEV. = 1176.37
109 + 20.00

CUT	FILL
15	19

CUT	FILL
6	8



F.G. ELEV. = 1176.27
109 + 00.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X051

4/4/2025 4:20:2 PM
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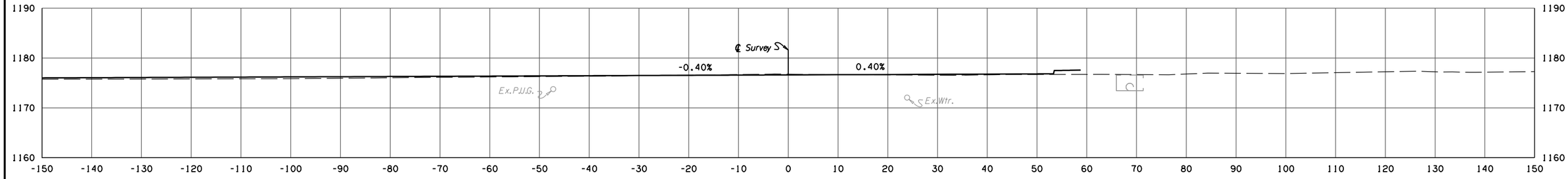
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL
0 0

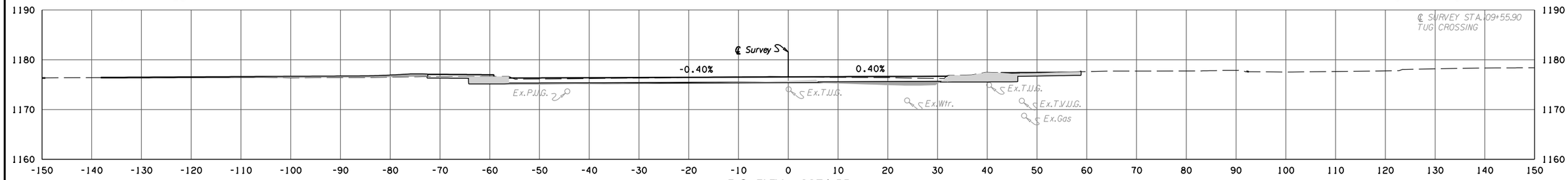
VOLUME
CUT FILL
9 5



109+66.19
BEGIN EARTHWORK EXCEPTION

47 28

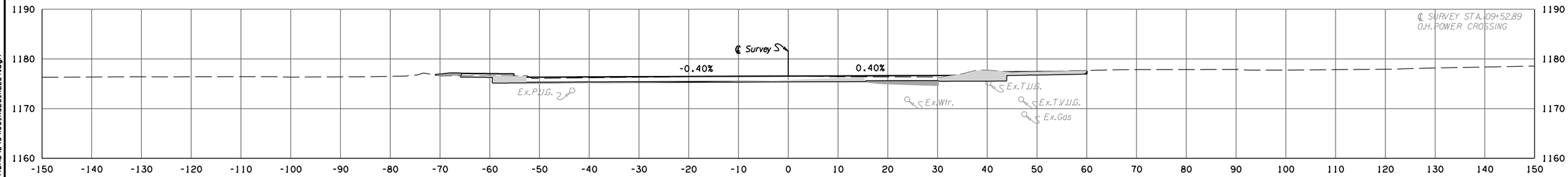
6 3



F.G. ELEV. = 1176.55
109+55.90

53 18

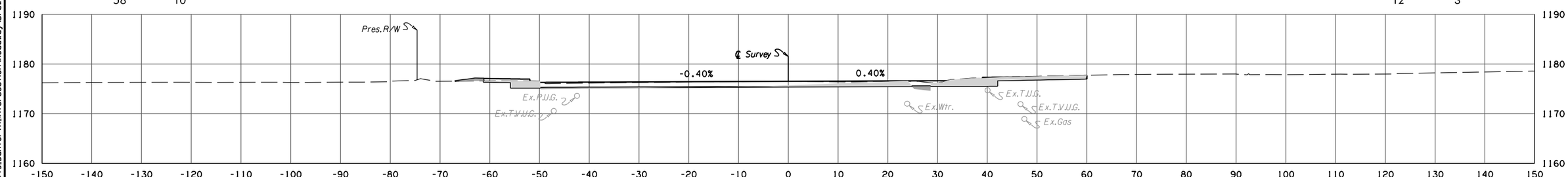
6 2



F.G. ELEV. = 1176.54
109+52.89

58 10

12 3



F.G. ELEV. = 1176.52
109+50.00

KELLY AVENUE

STATE JOB NO.	38090(04)	
OKLAHOMA	COUNTY	SHEET NO. X052

4/4/2025 4:20:2 PM
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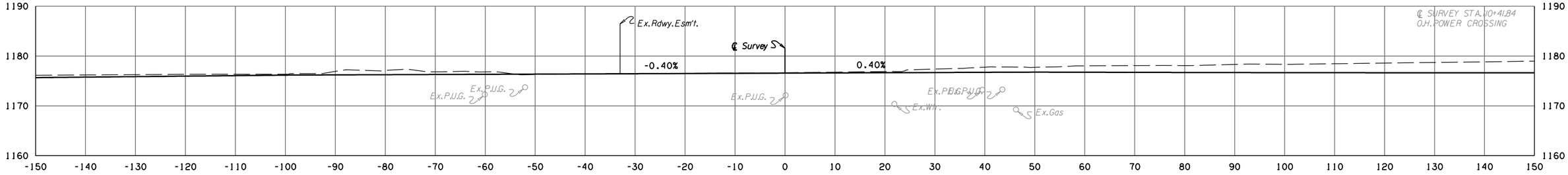
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

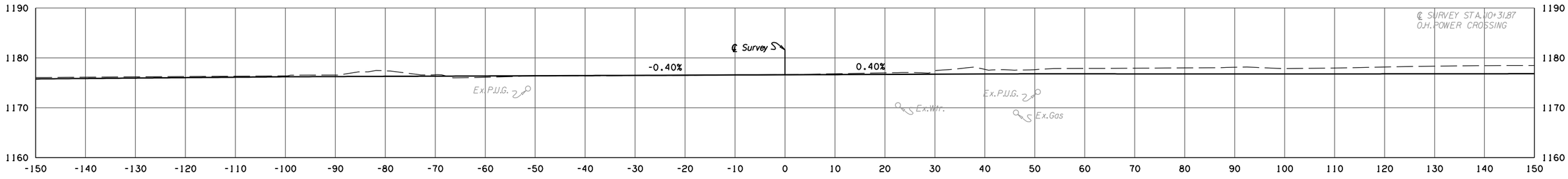
AREA
CUT 0 FILL 0

VOLUME
CUT 0 FILL 0



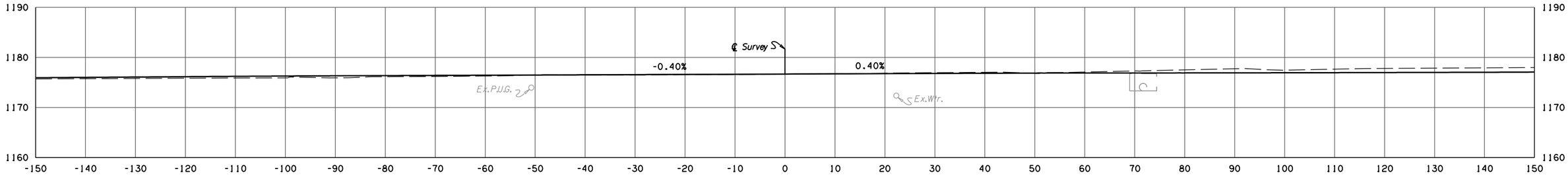
110+41.84

0 0 0 0



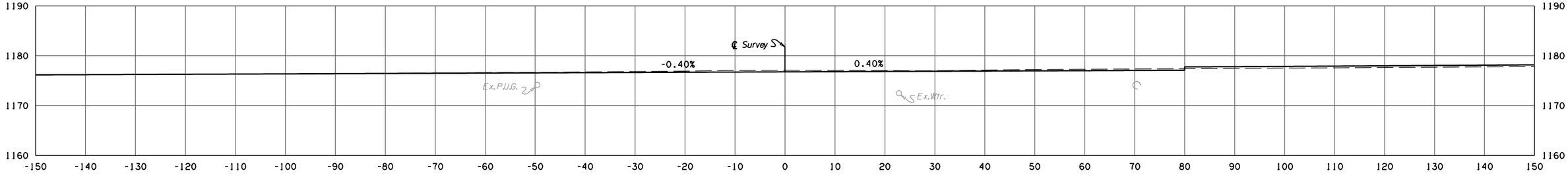
110+31.87

0 0 0 0



110+20.87

0 0 0 0



KELLY AVENUE

110+00.00
=30+00.00 DANFORTH

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X053

4/4/2025 4:20:2 PM
H:\PROJECTS\2775_Danforth_Intersection\Roadway\Drawings\XSections\240406_XSEC_KELLY.dgn

NOTE:
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

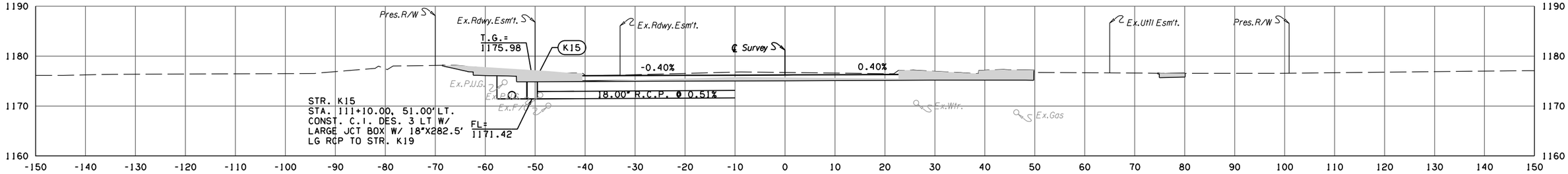
DESCRIPTION	DATE

AREA

CUT	FILL
120	0

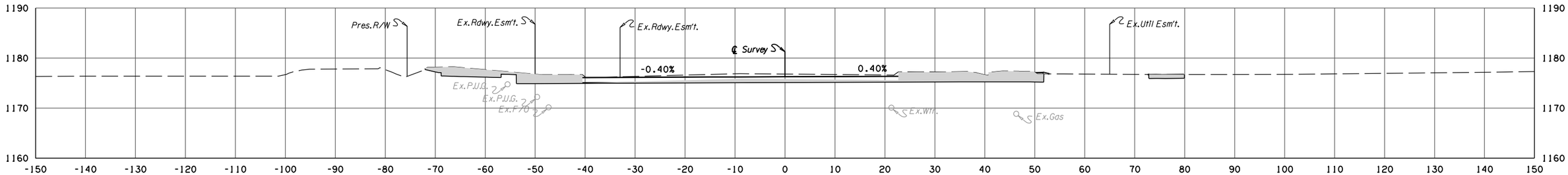
VOLUME

CUT	FILL
47	0



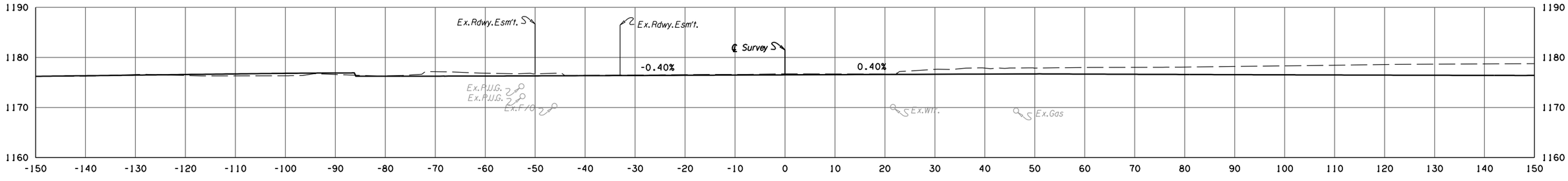
F.G. ELEV. = 1176.22
111 + 10.00

133	0
114	0



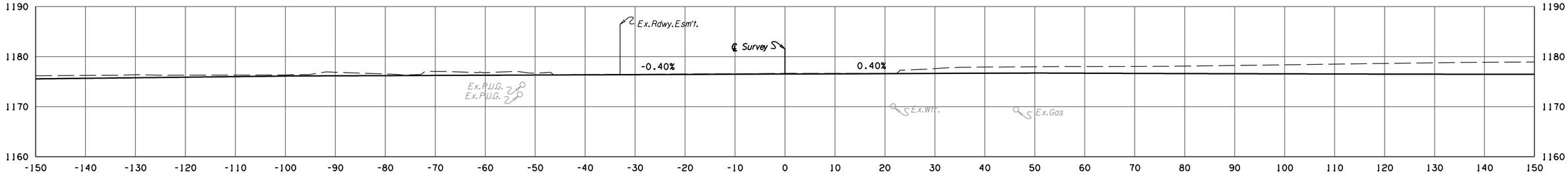
F.G. ELEV. = 1176.27
111 + 00.00

0	0
0	0



110 + 53.76
END EARTHWORK EXCEPTION

0	0
0	0



110 + 50.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X054

4/4/2025 4:20:13 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

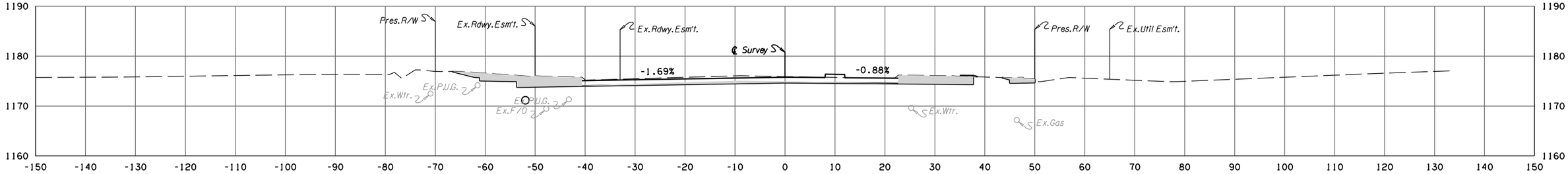
REVISIONS	
DESCRIPTION	DATE

AREA

CUT	FILL
86	0

VOLUME

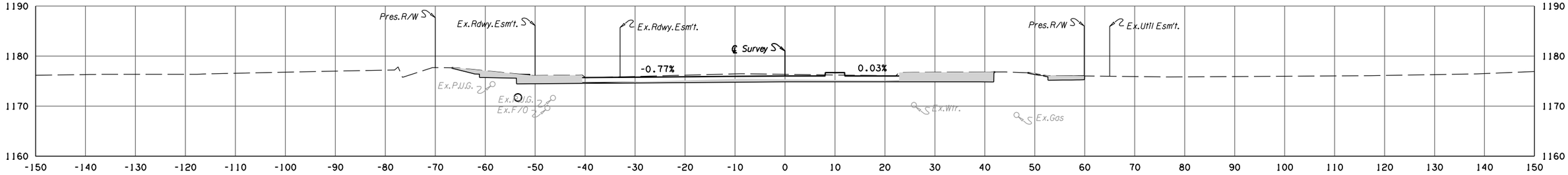
CUT	FILL
164	0



F.G. ELEV. = 1175.77
112 + 00.00

CUT	FILL
91	0

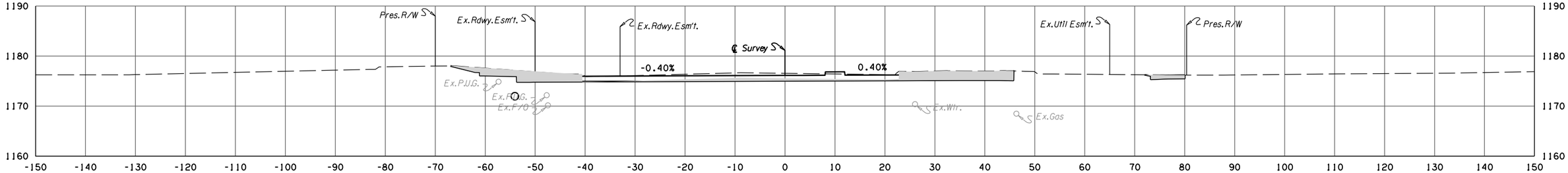
CUT	FILL
73	0



F.G. ELEV. = 1176.02
111 + 50.00

CUT	FILL
107	0

CUT	FILL
20	0

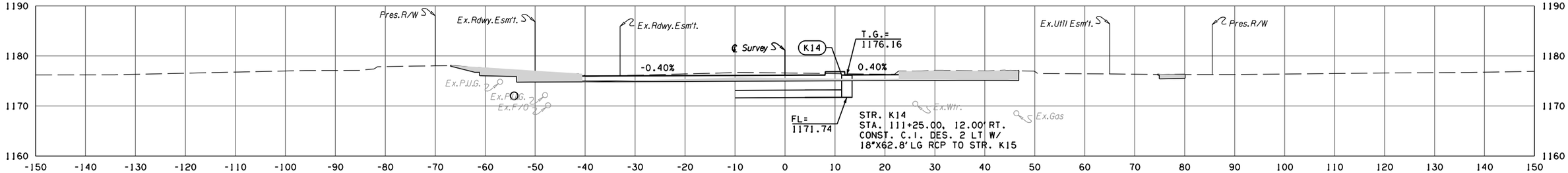


F.G. ELEV. = 1176.12
111 + 30.00

END FULL ROTATED LT & RT. LANES

CUT	FILL
111	0

CUT	FILL
64	0



F.G. ELEV. = 1176.15
111 + 25.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X055

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS

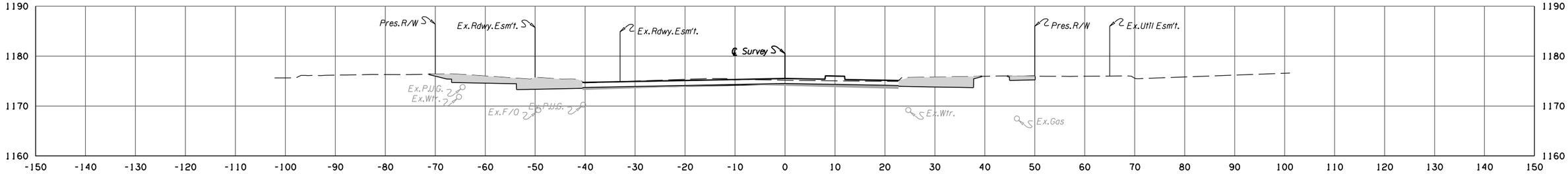
DESCRIPTION	DATE

AREA

CUT	FILL
78	19

VOLUME

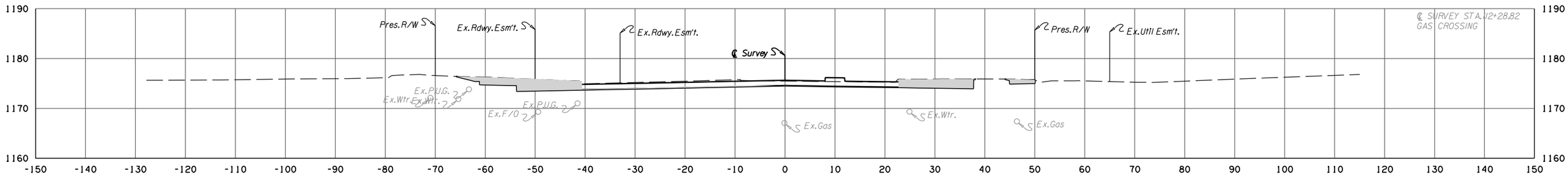
CUT	FILL
61	8



F.G. ELEV. = 1175.52
112 + 50.00

CUT	FILL
79	0

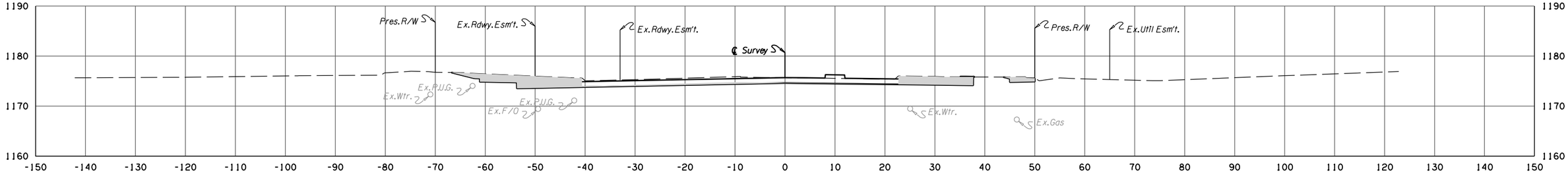
CUT	FILL
36	0



F.G. ELEV. = 1175.63
112 + 28.82

CUT	FILL
84	0

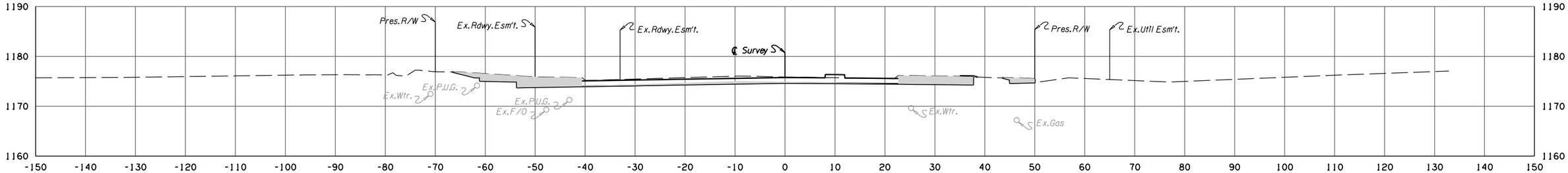
CUT	FILL
48	0



F.G. ELEV. = 1175.69
112 + 17.00
END ROTATION LT. LANES

CUT	FILL
85	0

CUT	FILL
6	0



F.G. ELEV. = 1175.77
112 + 01.79

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X056

4/4/2025 4:20:4 PM
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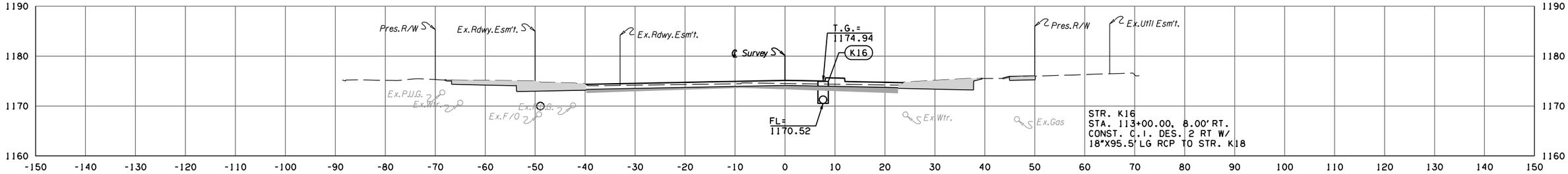
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

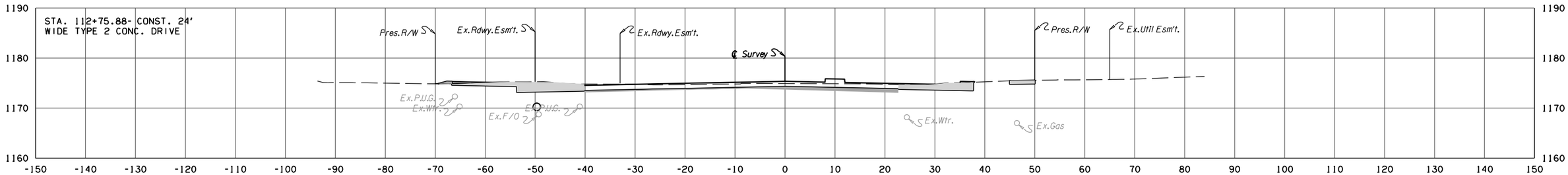
AREA
CUT 63 FILL 38

VOLUME
CUT 52 FILL 29



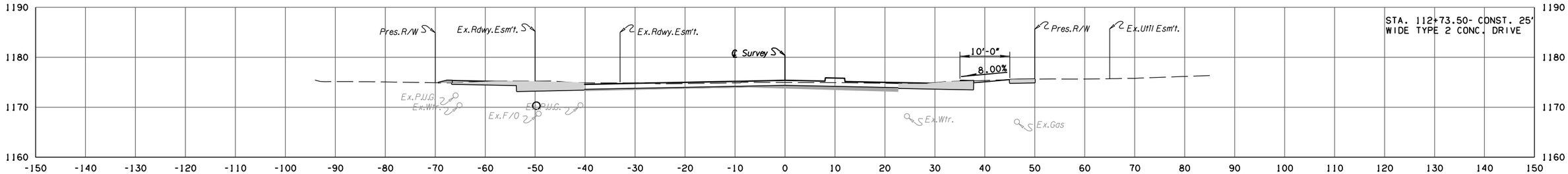
F.G. ELEV. = 1175.14
113 + 00.00

53 27 5 2



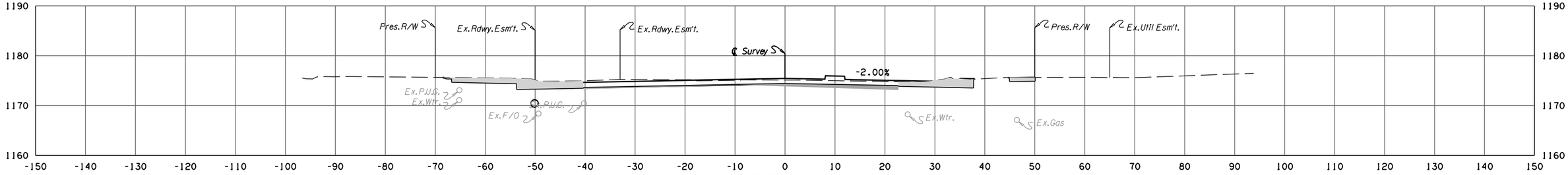
F.G. ELEV. = 1175.36
112 + 75.88

53 26 26 11



F.G. ELEV. = 1175.38
112 + 73.50

57 23 27 9



F.G. ELEV. = 1175.46
112 + 61.00
END ROTATION RT. LANES

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X057

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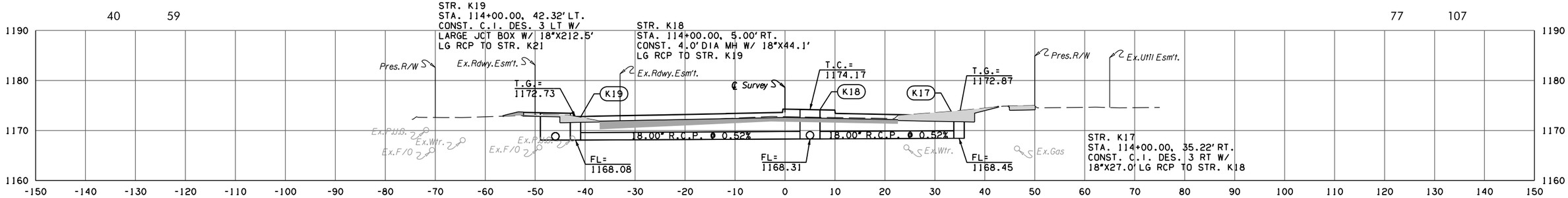
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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

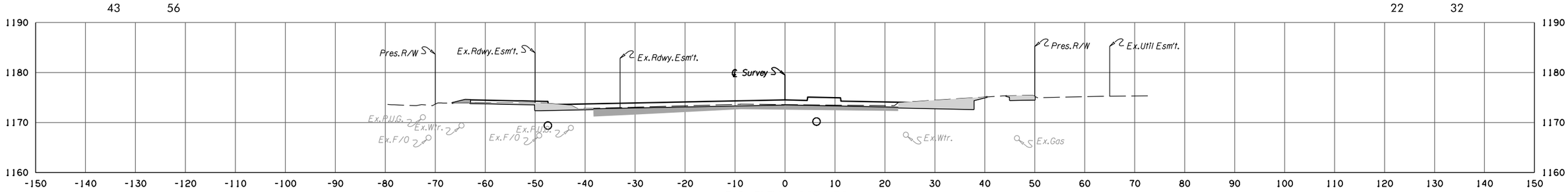
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

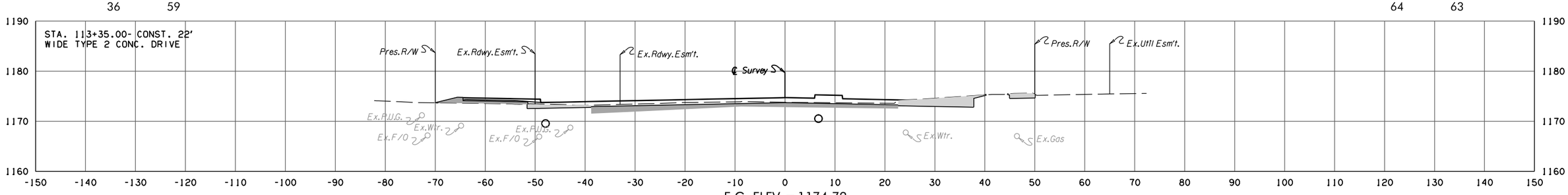
VOLUME
CUT FILL



F.G. ELEV. = 1173.61
114 + 00.00



F.G. ELEV. = 1174.51
113 + 50.00



F.G. ELEV. = 1174.72
113 + 35.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X058

4/4/2025 4:20:4 PM
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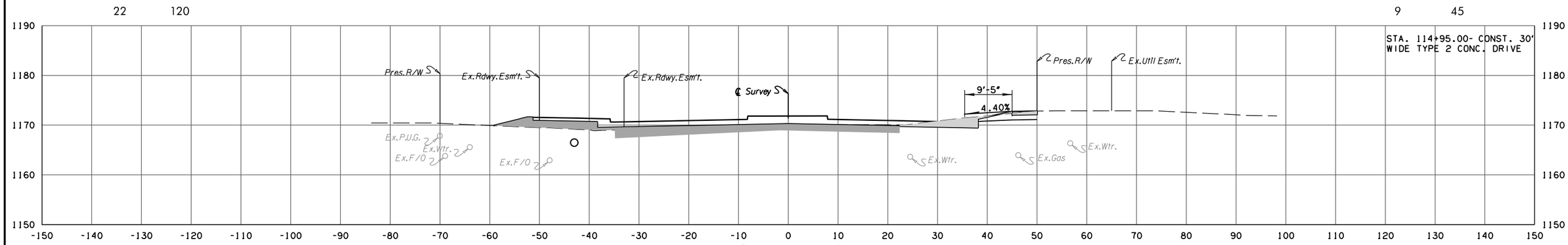
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

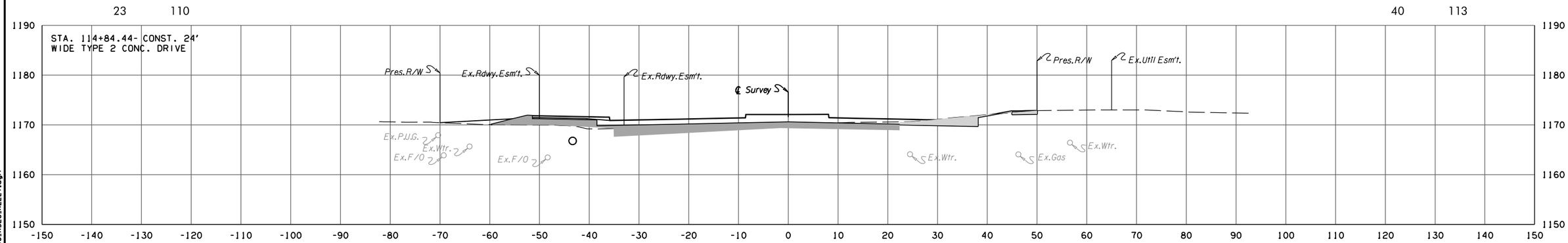
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

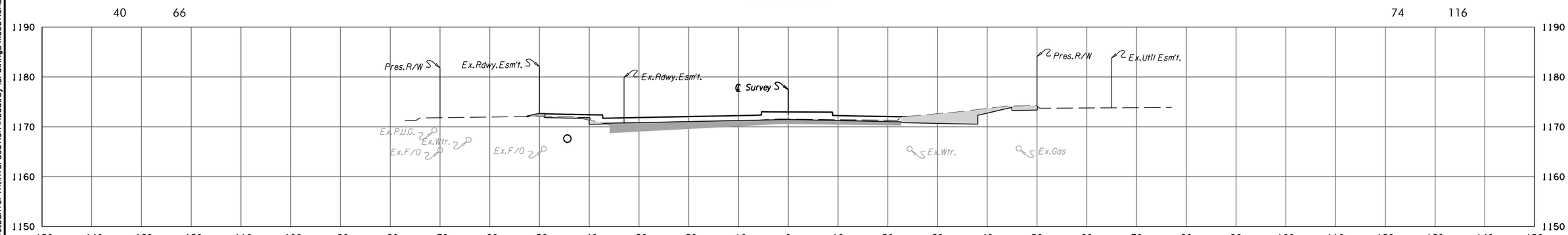
VOLUME
CUT FILL



F.G. ELEV. = 1171.32
114 + 95.00



F.G. ELEV. = 1171.59
114 + 84.44



F.G. ELEV. = 1172.47
114 + 50.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X059

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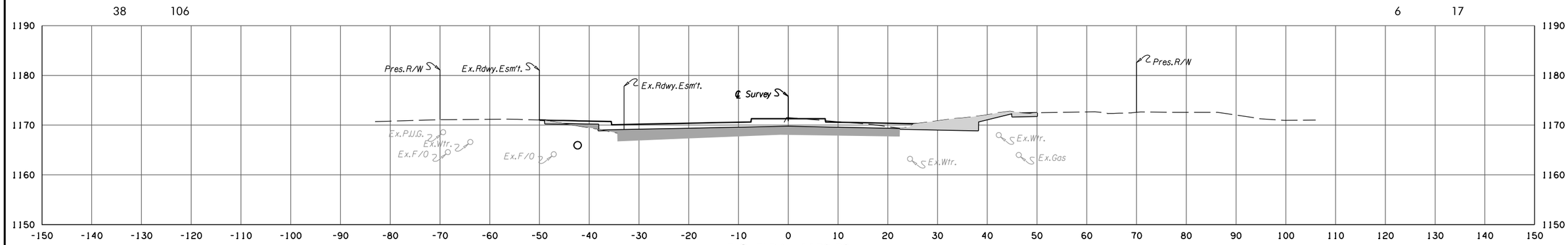
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POE & ASSOCIATES, OKLAHOMA CITY, OK.					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

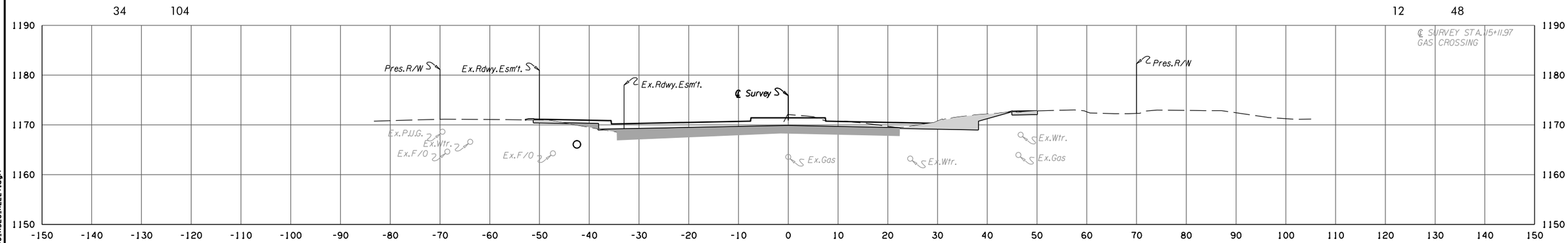
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

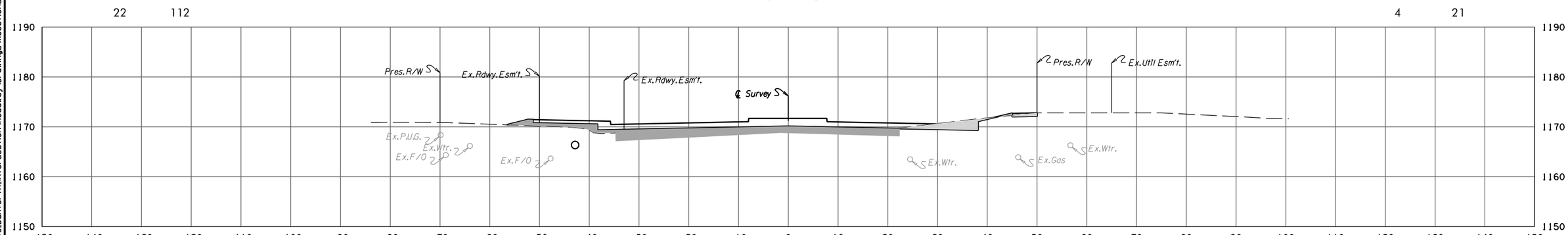
VOLUME
CUT FILL



F.G. ELEV. = 1170.78
115 + 16.46



F.G. ELEV. = 1170.89
115 + 11.97



F.G. ELEV. = 1171.20
115 + 00.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X060

4/4/2025 4:20:15 PM
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POE & ASSOCIATES, OKLAHOMA CITY, OK.

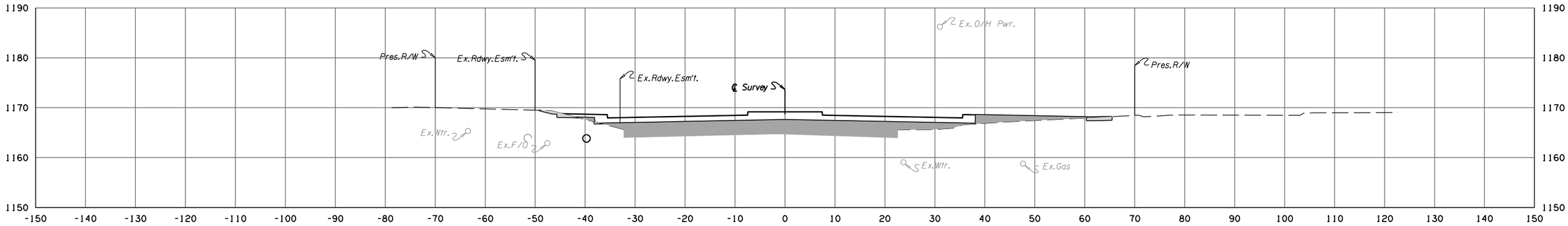
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

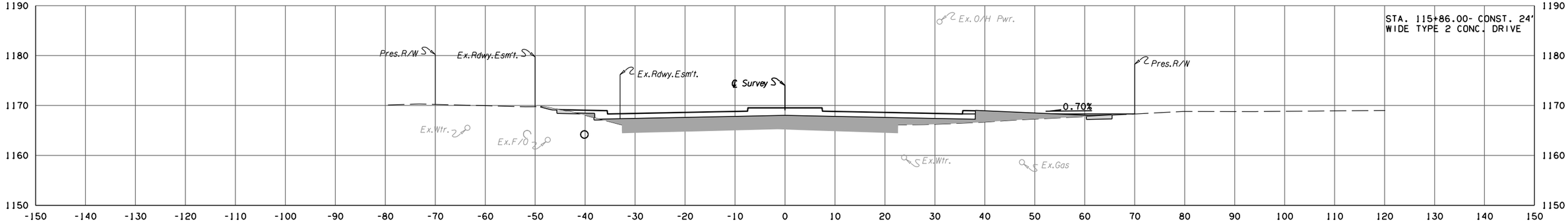
VOLUME
CUT FILL

6 204 3 105



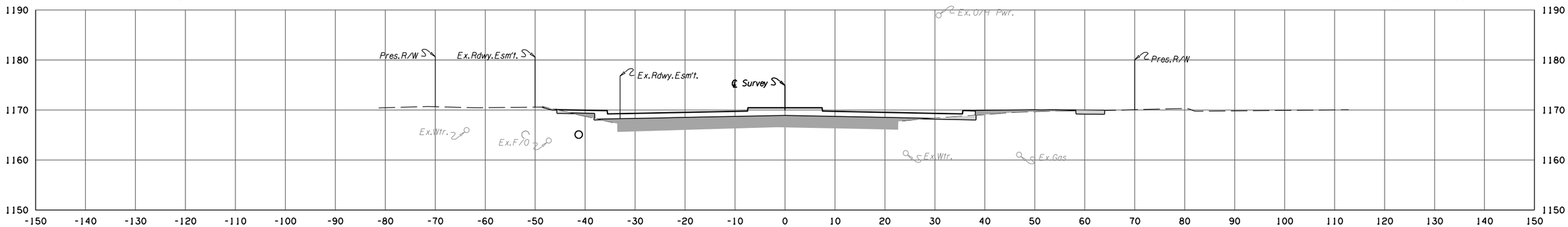
F.G. ELEV. = 1168.66
116+00.00

5 202 10 232



F.G. ELEV. = 1169.01
115+86.00

9 145 29 156



F.G. ELEV. = 1169.93
115+50.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X061

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POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

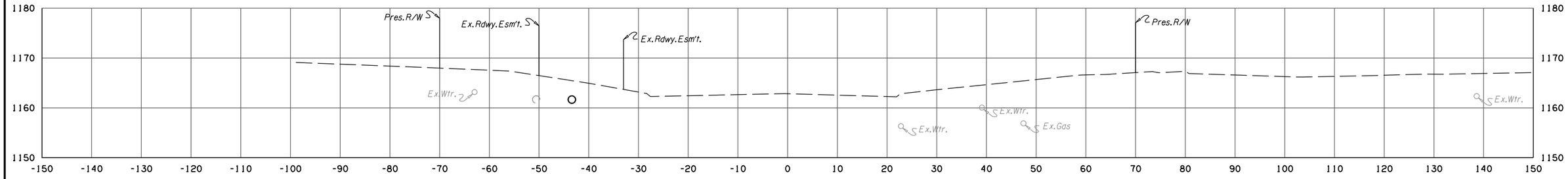
REVISIONS	
DESCRIPTION	DATE

AREA

CUT	FILL
0	0

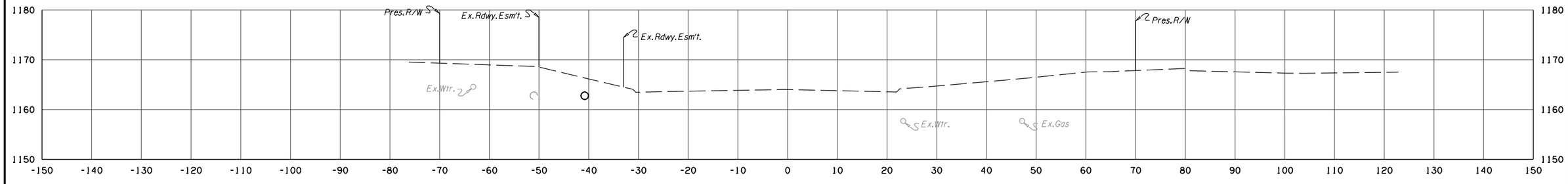
VOLUME

CUT	FILL
0	0



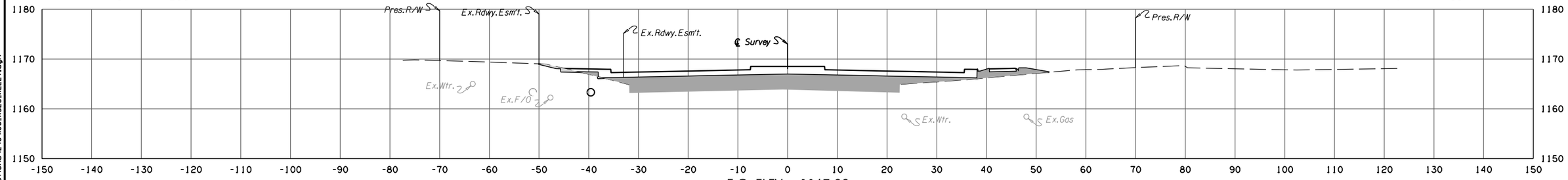
117+00.00

0 0 1 88



116+50.00

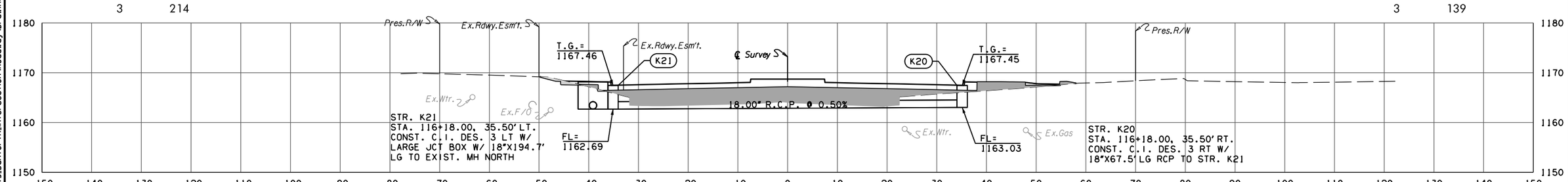
3 200 1 63



F.G. ELEV. = 1167.99

116+26.28

3 214 3 139



F.G. ELEV. = 1168.20

116+18.00

KELLY AVENUE

STATE JOB NO. 38090(04)

OKLAHOMA COUNTY SHEET NO. X062

4/4/2025 4:20:16 PM
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OF ANY AND ALL CONSTRUCTION ACTIVITIES.

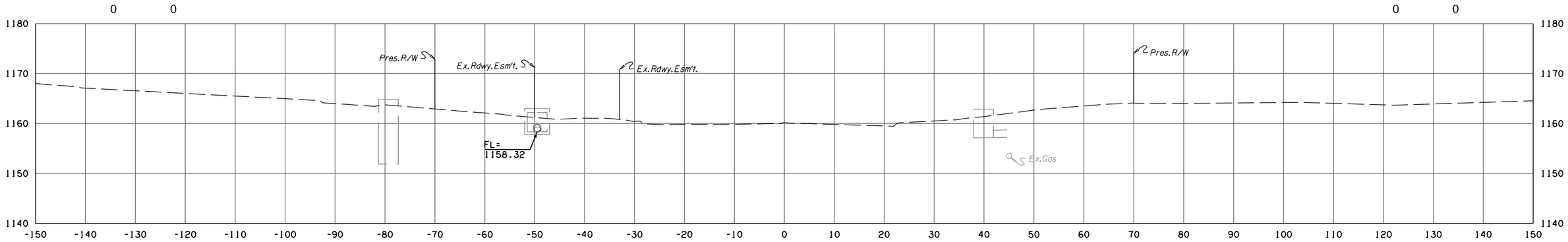
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

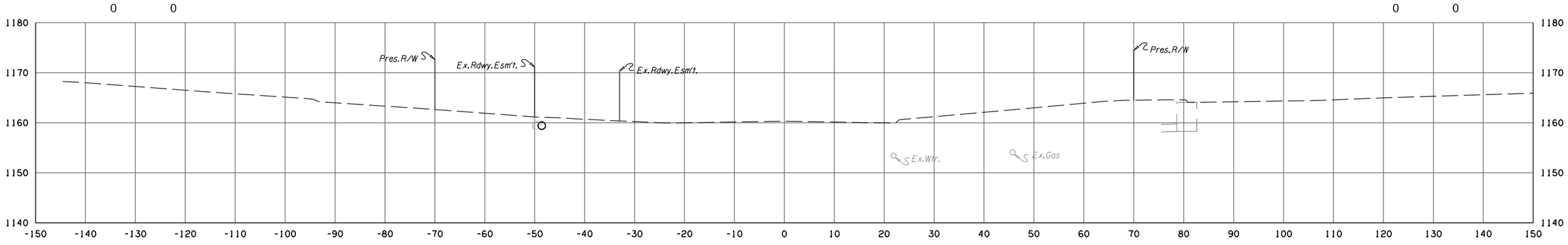
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

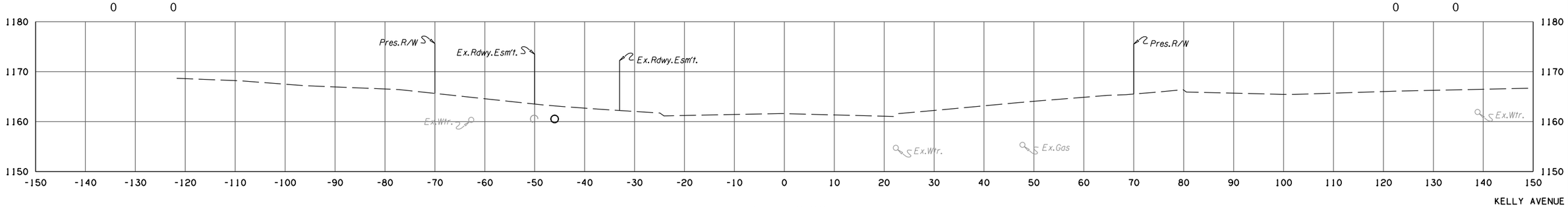
VOLUME
CUT FILL



118+17.42



118+00.00



KELLY AVENUE

117+50.00

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X063

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NOTE:
UTILITY DEPTHS AND LOCATIONS ARE APPROXIMATE ONLY.
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY
ALL UTILITY LOCATIONS PRIOR TO THE COMMENCEMENT
OF ANY AND ALL CONSTRUCTION ACTIVITIES.

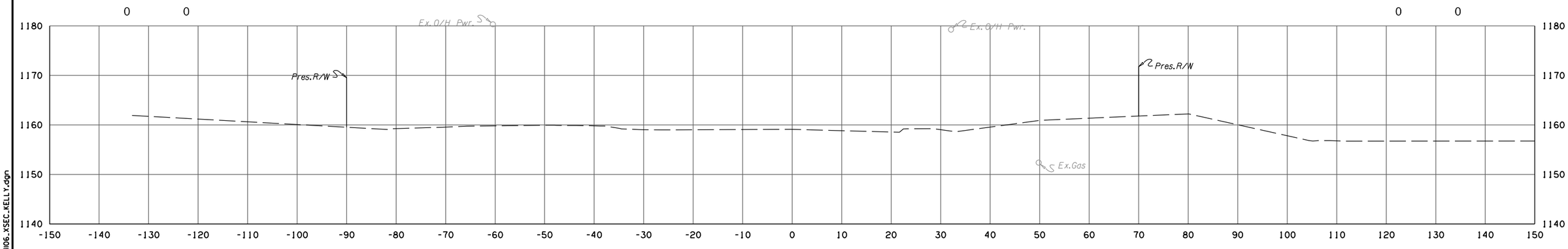
POE & ASSOCIATES, OKLAHOMA CITY, OK.

FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.				

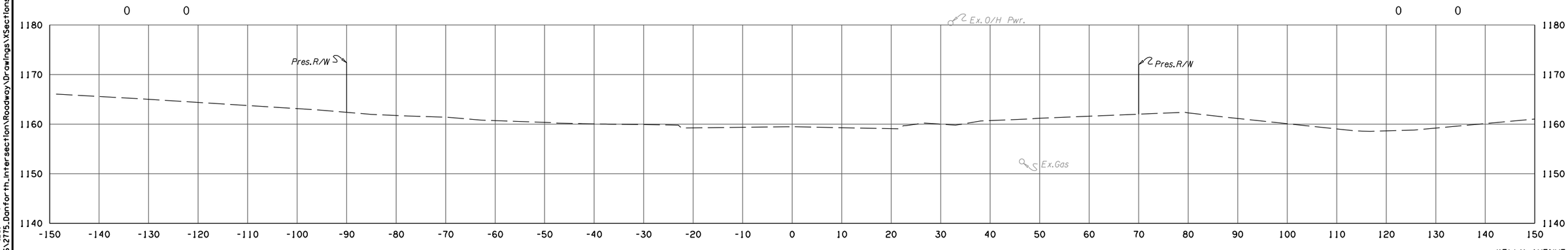
REVISIONS	
DESCRIPTION	DATE

AREA
CUT FILL

VOLUME
CUT FILL



119+00.00



118+50.00

KELLY AVENUE

STATE JOB NO. 38090(04)
OKLAHOMA COUNTY SHEET NO. X064

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