OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

THE FOLLOWING ODOT STANDARDS
SHALL BE REQUIRED FOR THIS PROJECT:

ROADWAY (2019)	TRAFFIC CONTROL (2009)	TRAFFIC SIGNING (2009)	TRAFFIC SIGNAL (2009)
ASCD-6-1	TCS1-1-01	PM1-1-03	PMAP1-2-01
CDIP-2-2	TCS2-1-00	PM2-1-01	SPBP1-1-01
CET4D-4-2	TCS3-1-01	PM3-1-02	SA1-1-02
CET4S-4-2	TCS4-1-01	RSD1-1-00	ID1-1-00
CET6S-4-2	TCS5-1-00	RSD2-1-00	ID2-1-00
DC-4-1	TCS6-1-02	WSD1-1-00	SNS1-1-02
FHTCP-4-1	TCS8-1-00	WSD2-1-00	PWD1-2-00
FHTMPP-2-1	TCS9-1-01	SZSD1-1-00	CFD1-2-01
PDT-2-2	TCS10-1-00	MSD1-1-00	CC1-1-00
RDI-4-1	TCS11-1-01	MSD2-1-00	MAD1-1-01
RWF2-3-1	TCS12-1-00	MSD3-1-01	RPMAD1-1-01
RWF3-3-2	TCS13-1-00	MSD4-1-00	MDL1-1-00
SUEL4-4-1	TCS14-1-00	MSD5-1-00	MDL2-1-00
SBI-5-2	TCS19-1-00	SBS1-1-00	
SPI-5-2	TCS21-1-02	SBS2-1-00	
SSS-2-1	TCS24-1-02	GMS1-1-00	
TSD-0		SSP1-1-02	
TWD-2-2		SSA1-1-00	
WCR-4-2			

STATE OF OKLAHOMA
DEPARTMENT OF TRANSPORTATION

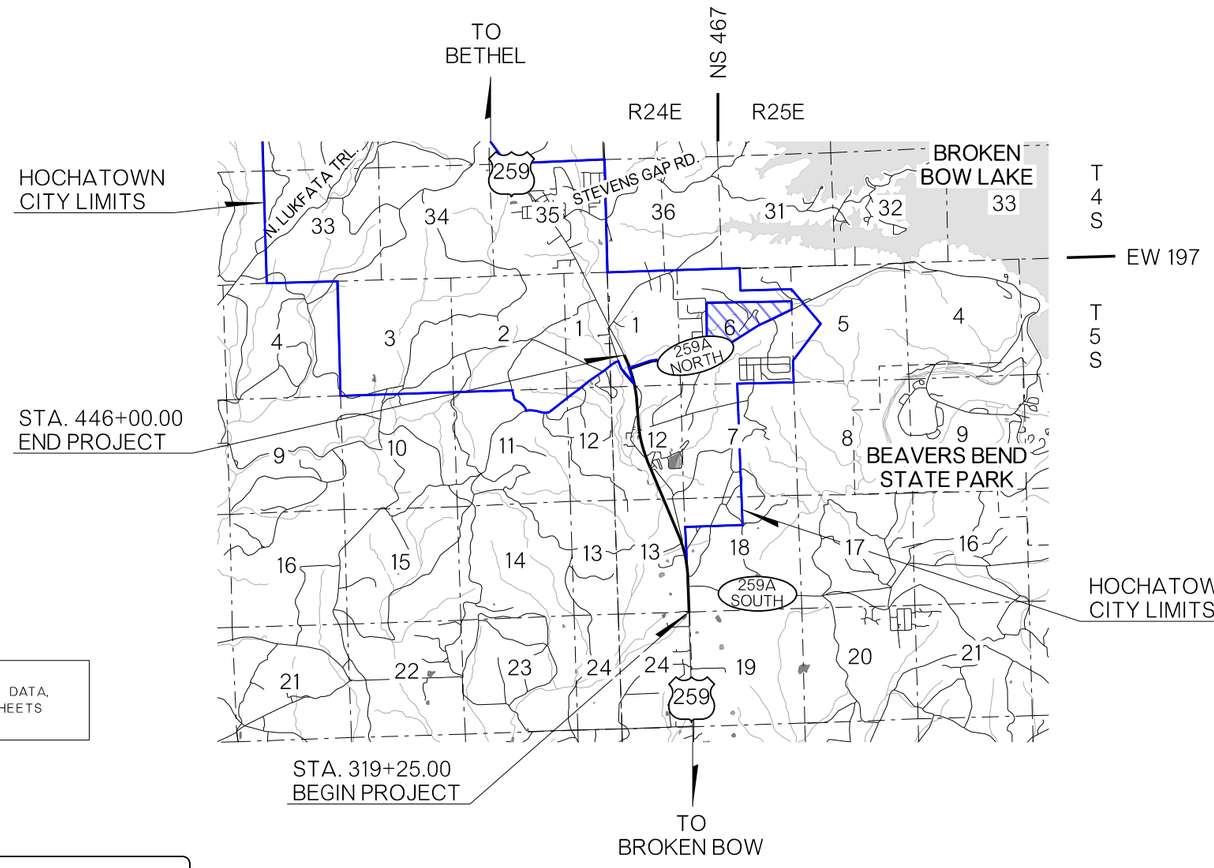
PLAN OF PROPOSED

U.S. HIGHWAY

FEDERAL AID PROJECT NO. NHPP-245N(087)PM
GRADE, DRAIN AND RESURFACE
U.S. HIGHWAY 259

McCURTAIN COUNTY

CONTROL SECTION NO. 259-45-16
STATE JOB NO. 34333(08)



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AR02 - AR06	SUMMARY TABLES (ROADWAY)
AT01	SUMMARY OF PAY QUANTITIES AND NOTES (TRAFFIC)
AT02	SUMMARY TABLES (TRAFFIC)
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R001 - R002	DRAINAGE AREA MAPS
R003	DRAINAGE DESIGN RECORD
R004	STORM WATER MANAGEMENT PLAN
R005 - R009	EROSION CONTROL DETAIL SHEETS
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R015 - R023	PLAN AND PROFILE SHEETS
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R026	PARALLEL WINGWALL DETAILS (BOX STRUCTURES)
R027	HEADWALL DETAILS (BOX STRUCTURES)
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R030	DRAINAGE STRUCTURE DETAIL
R031	RIPRAP AND FLUME DETAILS
R032	SIDEWALK DETAIL
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RW01	RETAINING WALL 'A' PLAN AND PROFILE
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T002	CONTRACTOR SIGNS
T003 - T004	TRAFFIC CONTROL TYPICALS
T005 - T009	TRAFFIC CONTROL PLAN - PHASE 2
T010 - T014	TRAFFIC CONTROL PLAN - PHASE 3
T015 - T019	TRAFFIC CONTROL PLAN - PHASE 4
T020 - T024	TRAFFIC CONTROL PLAN - PHASE 5
T025	TRAFFIC SIGNAL LAYOUT (SH-259A SOUTH)
T026	TRAFFIC SIGNAL PHASING (SH-259A SOUTH)
T027	TRAFFIC SIGNAL WIRING (SH-259A SOUTH)
T028	TRAFFIC SIGNAL LAYOUT (WHITE PINE ROAD)
T029	TRAFFIC SIGNAL PHASING (WHITE PINE ROAD)
T030	TRAFFIC SIGNAL WIRING (WHITE PINE ROAD)
T031	TRAFFIC SIGNAL LAYOUT (SH-259A NORTH)
T032	TRAFFIC SIGNAL PHASING (SH-259A NORTH)
T033	TRAFFIC SIGNAL WIRING (SH-259A NORTH)
T034 - T035	TRAFFIC SIGN SUMMARY
T036 - T040	TRAFFIC SIGNING AND STRIPING
T041	TRAFFIC SPECIAL SIGNS
X001 - X069	CROSS SECTIONS

DESIGN DATA

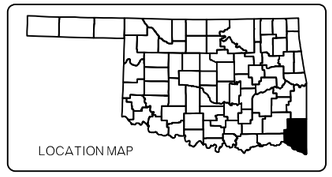
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AADT 2044	= 12,700
K (DHV/ADT)	= 14.1%
D	= 65.0%
T (% DHV)	= 19.0%
T (% ADT)	= 31.0%
T²(% ADT)	= 6.0%
V (MPH)	= 45
20 YR FLEX ESALS	= 41.2M

SCALES 1"
PLAN 1" = 50'
PROFILE HOR. 1" = 50'
VER. 1" = 10'
LAYOUT MAP 1" = 3,520'

CONVENTIONAL SYMBOLS

PROPOSED ROAD
RAILROADS
RANGE & TOWNSHIP
SECTION LINES
QUARTER SECTION LINES
EXISTING FENCE
PROPOSED FENCE
GROUND LINE
EXISTING ROADS
BASE LINE
GRADE LINES
TELEPHONE & TELEGRAPH
POWER LINES
BUILDINGS
OILWELL
DRAINAGE STRUCTURES - IN PLACE
DRAINAGE STRUCTURES - NEW
RIGHT-OF-WAY LINES - EXISTING
RIGHT-OF-WAY LINES - NEW
CONTROLLED ACCESS
RIGHT-OF-WAY FENCE

FOR SURVEY CONTROL DATA,
SEE SURVEY DATA SHEETS



ROADWAY LENGTH	12,675.00	FT.	2.40	MI.
BRIDGE LENGTH	0.00	FT.	0.00	MI.
PROJECT LENGTH			2.40	MI.

EQUATIONS : NONE
EXCEPTIONS : NONE

FREESE AND NICHOLS
3600 NW 138th Street, Suite 202
Oklahoma City, OK 73134
Phone - (405) 607-7060
Web - www.freese.com
Certificate of Authorization: CA#511
Expiration Date: 06/30/2026

PREPARED BY:
FREESE AND NICHOLS, INC.

ERIC WAGGONER , P.E.
OKLA. LIC. NO. 32389
DATE 7/09/2024
THE FOLLOWING DRAWINGS ARE INTENDED TO BE AUTHORIZED BY MY SEAL:
0001-0007, AR01-AR06, AT01-AT02, R001-R025, R030-R046, T001-T041, X001-X069

LICENSED PROFESSIONAL ENGINEER ERIC A. WAGGONER 32389 OKLAHOMA

MUNA MITCHELL P.E., S.E.
OKLA. LIC. NO. 29167
DATE 07/09/2024
THE FOLLOWING DRAWINGS ARE INTENDED TO BE AUTHORIZED BY MY SEAL:
R026-R029, RW01-RW04

PROFESSIONAL STRUCTURAL ENGINEER MUNA MITCHELL 29167 OKLAHOMA

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

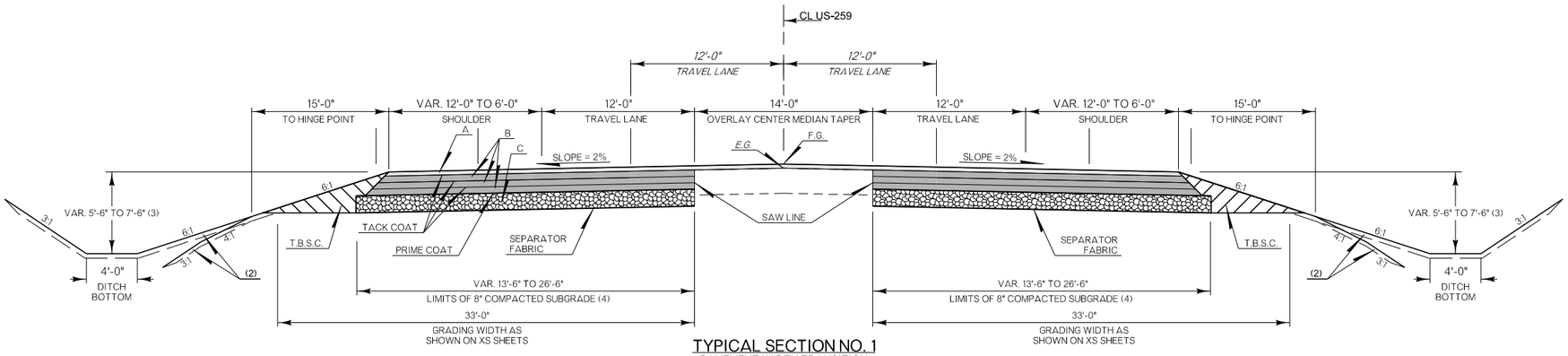
SWO _____ PROJECT NO. NHPP-245N(087)PM
COUNTY McCURTAIN HIGHWAY US-259 SHEET NO. 0001

2019 OKLAHOMA STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION GOVERN, APPROVED BY THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, DECEMBER 18, 2019.

N:\F\Drawings\1. General\0001-3433308-TITLE.dgn

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

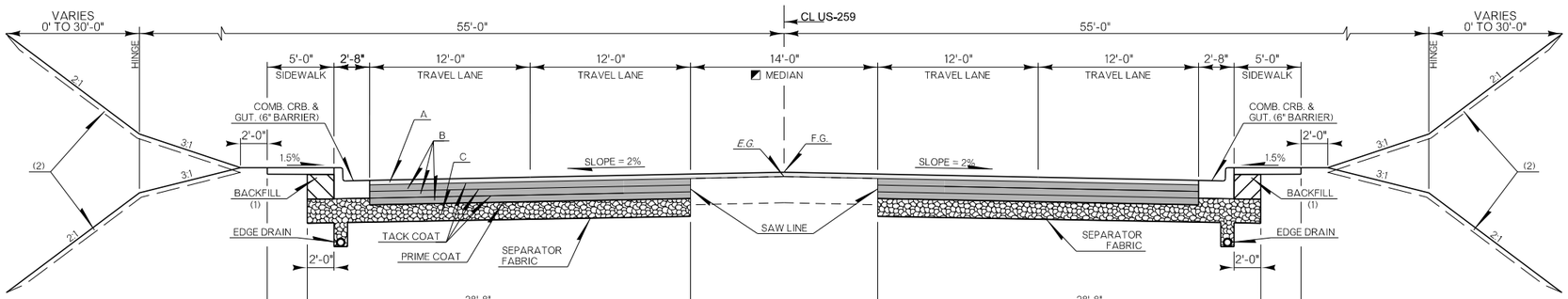
DESCRIPTION	REVISIONS	DATE



TYPICAL SECTION NO. 1

PAVEMENT WIDTH TRANSITION
STA. 319+25.00 TO STA. 320+00.00
STA. 445+28.00 TO STA. 446+00.00

PAVEMENT REQUIREMENT		
11" PAVT. STRUCTURE	DRIVING LANES AND SHOULDERS	LEGEND
SURFACE COURSE	2" SUPERPAVE, TYPE S4(PG 76-28 OK)	A
BASE COURSE	3" SUPERPAVE, TYPE S3(PG 76-28 OK)	B
	3" SUPERPAVE, TYPE S3(PG 64-22 OK)	
	3" SUPERPAVE, TYPE S3(PG 64-22 OK)	
SUBBASE COURSE	12" AGGREGATE BASE TYPE A	C

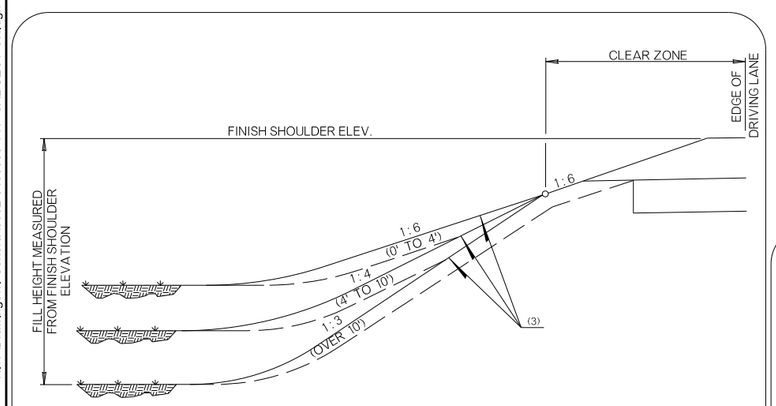


TYPICAL SECTION NO. 2

OVERLAY SECTION
STA. 320+00.00 TO STA. 346+00.00
STA. 352+00.00 TO STA. 359+00.00
STA. 380+50.00 TO STA. 405+75.00

PAVEMENT REQUIREMENT		
11" PAVT. STRUCTURE	DRIVING LANES AND SHOULDERS	LEGEND
SURFACE COURSE	2" SUPERPAVE, TYPE S4(PG 76-28 OK)	A
BASE COURSE	3" SUPERPAVE, TYPE S3(PG 76-28 OK)	B
	3" SUPERPAVE, TYPE S3(PG 64-22 OK)	
	3" SUPERPAVE, TYPE S3(PG 64-22 OK)	
SUBBASE COURSE	12" AGGREGATE BASE TYPE A	C

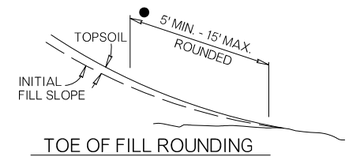
◩ SEE OVERLAY DETAILS ON SHEET 0005 FOR CONCRETE MEDIAN AND NB & SB LEFT TURN LANE IMPROVEMENTS.



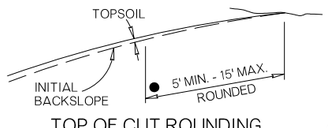
FILL SLOPE DETAIL

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:
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 OPERATIONS 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 QUANTITY IS INCLUDED IN THE MASS LINE BALANCE.

(3) DISTANCE MEASURED VERTICALLY FROM EDGE OF FINISHED GRADE SHOULDER.

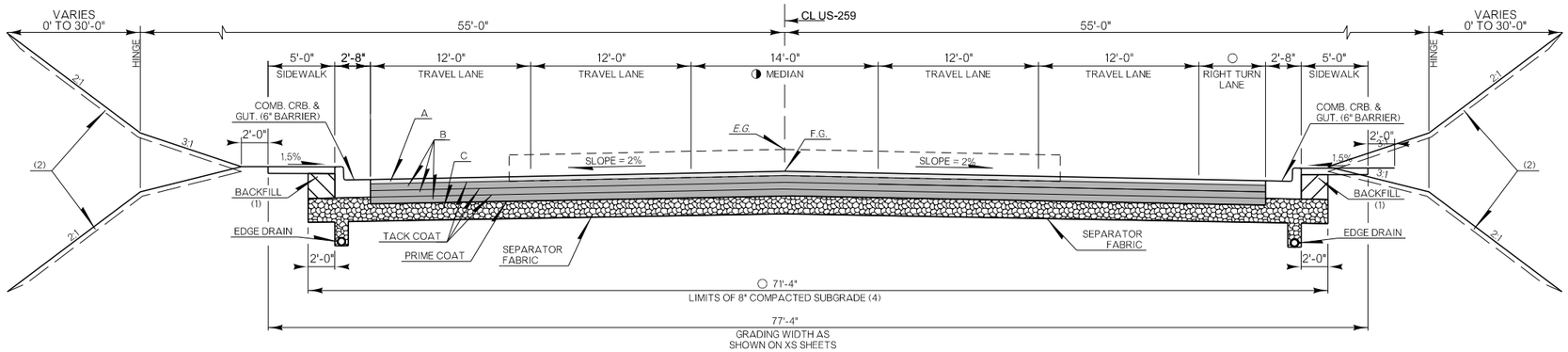
(4) TO BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT PER SECTION 202.04.A(5)(b)2. MOISTURE CONTENT SHALL BE VERIFIED IMMEDIATELY PRIOR TO THE PLACEMENT OF THE PAVEMENT SECTION. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			TYPICAL SECTIONS
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. 0002

7/8/2024 N:\IFD\Drawings\1. General\0002-3433308-TYPICAL SECTION.dgn

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				
DESCRIPTION	REVISIONS				DATE



TYPICAL SECTION NO. 3

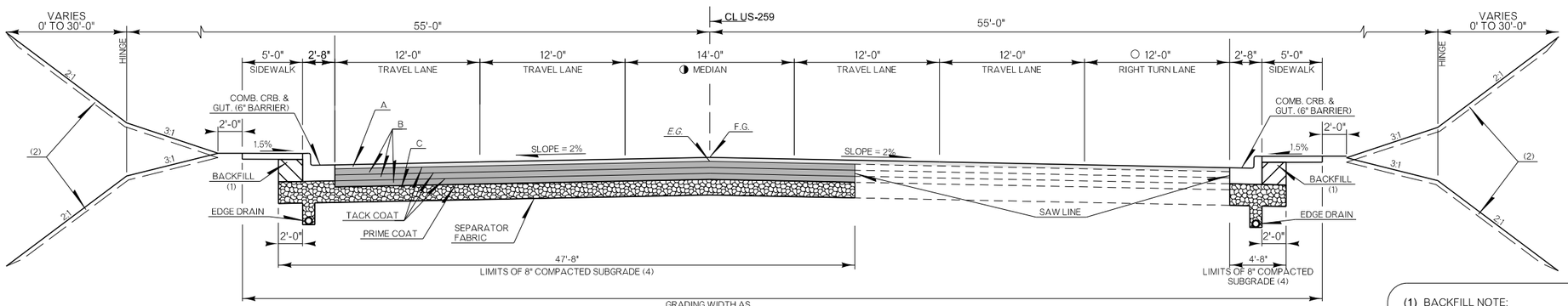
FULL DEPTH SECTION

STA. 346+00.00 TO STA. 352+00.00
STA. 359+00.00 TO STA. 380+50.00
○ STA. 405+75.00 TO STA. 415+00.00

PAVEMENT REQUIREMENT		
11" PAVT. STRUCTURE	DRIVING LANES AND SHOULDERS	LEGEND
SURFACE COURSE	2" SUPERPAVE, TYPE S4(PG 76-28 OK)	A
BASE COURSE	3" SUPERPAVE, TYPE S3(PG 76-28 OK)	B
	3" SUPERPAVE, TYPE S3(PG 64-22 OK)	
	3" SUPERPAVE, TYPE S3(PG 64-22 OK)	
SUBBASE COURSE	12" AGGREGATE BASE TYPE A	C

◑ SEE FULL-DEPTH DETAILS ON SHEET 0005 FOR CONCRETE MEDIAN AND NB & SB LEFT TURN LANE IMPROVEMENTS.

○ STA. 412+25.00 TO 415+00.00:
- LANE WIDTH VARIES FROM 0' TO 12'-0"
- AGG. BASE AND SUBGRADE WIDTH VARIES FROM 71'-4" TO 83'-4"



TYPICAL SECTION NO. 4

FULL DEPTH W/ OVERLAY SECTION

○ STA. 415+00.00 TO STA. 442+00.00

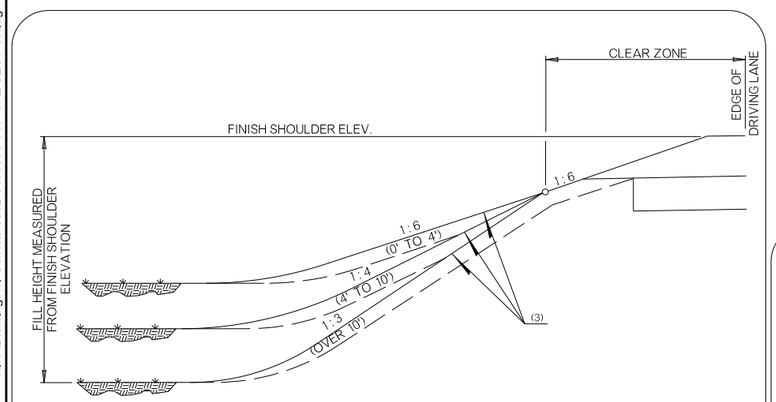
PAVEMENT REQUIREMENT		
11" PAVT. STRUCTURE	DRIVING LANES AND SHOULDERS	LEGEND
SURFACE COURSE	2" SUPERPAVE, TYPE S4(PG 76-28 OK)	A
BASE COURSE	3" SUPERPAVE, TYPE S3(PG 76-28 OK)	B
	3" SUPERPAVE, TYPE S3(PG 64-22 OK)	
	3" SUPERPAVE, TYPE S3(PG 64-22 OK)	
SUBBASE COURSE	12" AGGREGATE BASE TYPE A	C

◑ SEE FULL-DEPTH DETAILS ON SHEET 0005 FOR CONCRETE MEDIAN AND NB & SB LEFT TURN LANE IMPROVEMENTS.

○ STA. 423+80.00 TO 426+60.00:
- LANE WIDTH VARIES FROM 12'-0" TO 0'

○ STA. 430+70.00 TO 431+90.00:
- LANE WIDTH VARIES FROM 0' TO 12'-0"

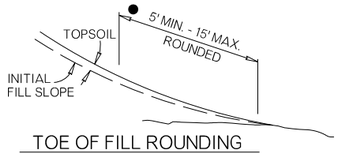
○ STA. 441+84.00 TO 444+84.00:
- LANE WIDTH VARIES FROM 12'-0" TO 0'



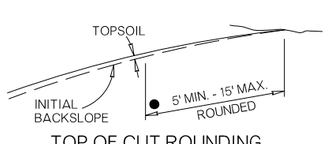
FILL SLOPE DETAIL

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:
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 OPERATIONS 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 QUANTITY IS INCLUDED IN THE MASS LINE BALANCE.

(3) DISTANCE MEASURED VERTICALLY FROM EDGE OF FINISHED GRADE SHOULDER.

(4) TO BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY AND WITHIN 2% OF OPTIMUM MOISTURE CONTENT PER SECTION 202.04.A(5)(b)2. MOISTURE CONTENT SHALL BE VERIFIED IMMEDIATELY PRIOR TO THE PLACEMENT OF THE PAVEMENT SECTION. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

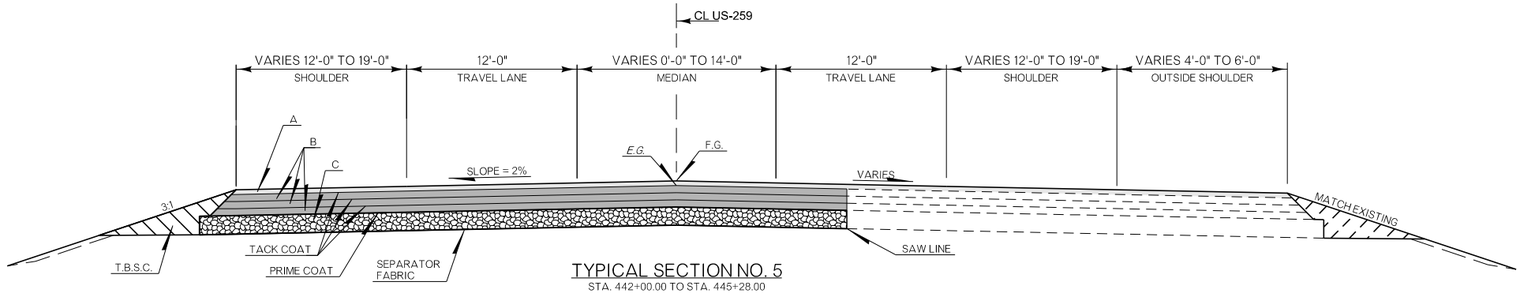
			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DESIGN			
DRAWN			TYPICAL SECTIONS
CHECKED			
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. 0003

7/8/2024 N:\F\Drawings\1. General\0002-3433308-TYPICAL SECTION.dgn

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

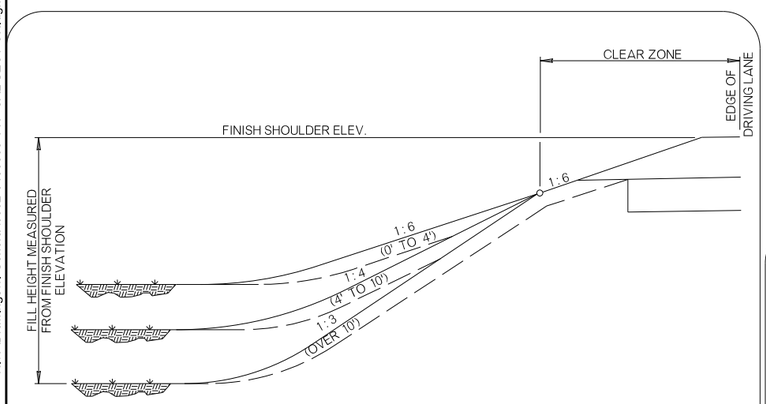
DESCRIPTION	REVISIONS	DATE



TYPICAL SECTION NO. 5

STA. 442+00.00 TO STA. 445+28.00

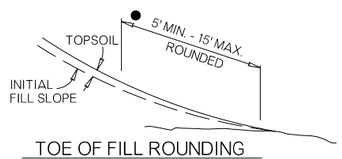
PAVEMENT REQUIREMENT		
11" PAVT. STRUCTURE	DRIVING LANES AND SHOULDERS	LEGEND
SURFACE COURSE	2" SUPERPAVE, TYPE S4(PG 76-28 OK)	A
BASE COURSE	3" SUPERPAVE, TYPE S3(PG 76-28 OK)	B
	3" SUPERPAVE, TYPE S3(PG 64-22 OK)	
	3" SUPERPAVE, TYPE S3(PG 64-22 OK)	
SUBBASE COURSE	12" AGGREGATE BASE TYPE A	C



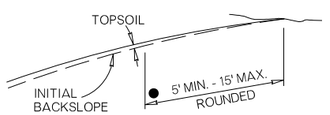
FILL SLOPE DETAIL

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

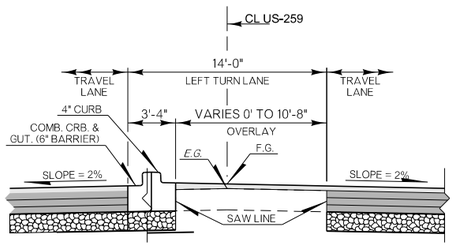
			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DESIGN			
DRAWN			TYPICAL SECTIONS
CHECKED			
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. 0004

7/9/2024 N:\FIDrawings\1. General\0002-3433308-TYPICAL SECTION.dgn

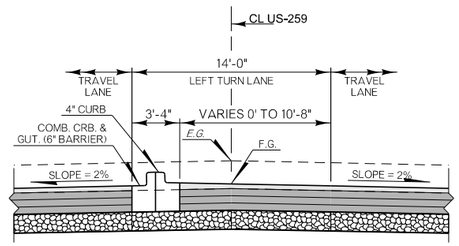
OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE



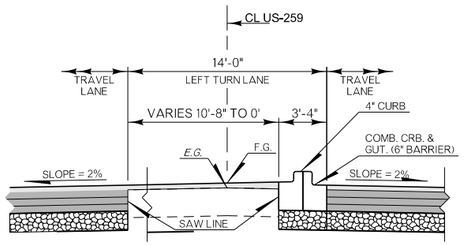
OVERLAY DETAIL: NB LEFT TURN LANE

STA. 335+00.00 TO STA. 337+17.00
STA. 343+00.00 TO STA. 344+77.00
STA. 384+35.00 TO STA. 386+62.00
STA. 392+83.00 TO STA. 394+03.00
STA. 402+50.00 TO STA. 404+62.00



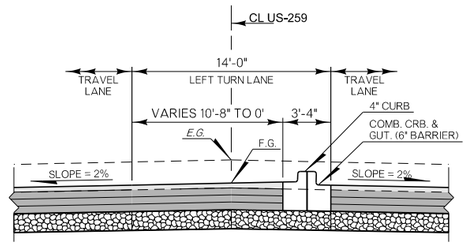
◑ FULL DEPTH DETAIL: NB LEFT TURN LANE

STA. 411+25.00 TO STA. 413+26.00
STA. 414+55.00 TO STA. 417+02.00
STA. 426+50.00 TO STA. 429+02.00
STA. 432+00.00 TO STA. 434+02.00



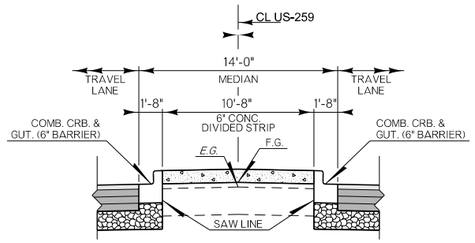
OVERLAY DETAIL: SB LEFT TURN LANE

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STA. 391+68.00 TO STA. 392+83.00



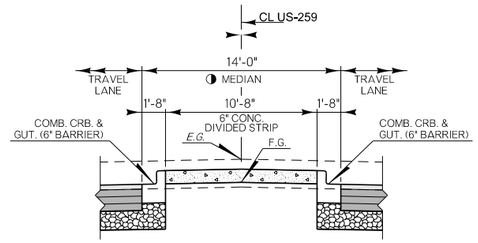
◑ FULL DEPTH DETAIL: SB LEFT TURN LANE

STA. 346+38.00 TO STA. 348+50.00
STA. 407+43.00 TO STA. 409+50.00
STA. 418+48.00 TO STA. 421+00.00
STA. 437+14.00 TO STA. 439+85.00



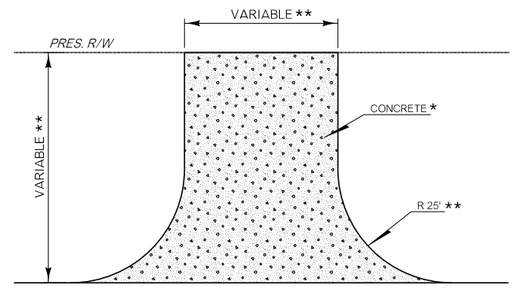
OVERLAY DETAIL: CONCRETE MEDIAN

STA. 330+94.00 TO STA. 335+00.00
STA. 337+99.00 TO STA. 343+00.00
STA. 354+25.00 TO STA. 359+00.00
STA. 380+35.00 TO STA. 384+47.00
STA. 387+47.00 TO STA. 388+57.00
STA. 390+66.00 TO STA. 390+81.00
STA. 394+72.00 TO STA. 402+50.00
STA. 405+30.00 TO STA. 405+75.00

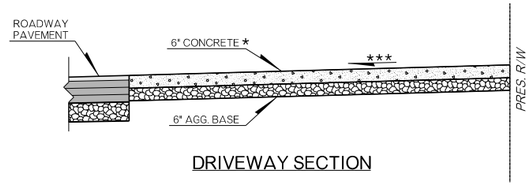


◑ FULL DEPTH DETAIL: CONCRETE MEDIAN

STA. 348+50.00 TO STA. 351+30.00
STA. 359+00.00 TO STA. 380+35.00
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STA. 409+50.00 TO STA. 411+25.00
STA. 413+95.00 TO STA. 414+55.00
STA. 421+00.00 TO STA. 426+50.00
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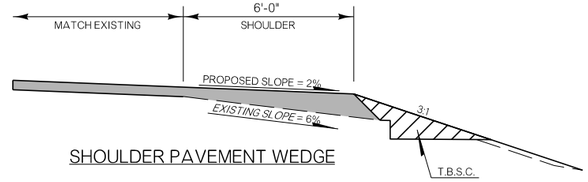


DRIVEWAY PLAN

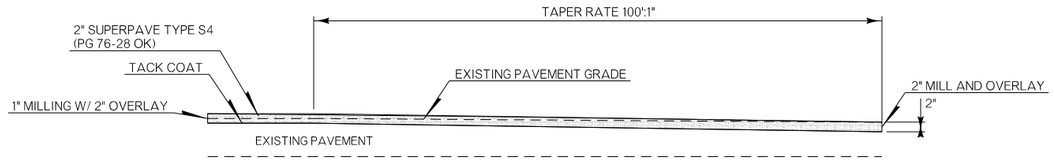


DRIVEWAY SECTION

* UNLESS OTHERWISE NOTED ON PLANS.
** SEE DRIVEWAY SUMMARY TABLE AND PLAN SHEETS FOR ADDITIONAL INFORMATION.
*** SEE CROSS SECTION SHEETS FOR DRIVEWAY SLOPES.



SHOULDER PAVEMENT WEDGE



COLD MILL DETAIL

STA. 319+25.00 TO STA. 320+25.00
STA. 445+00.00 TO STA. 446+00.00

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			TYPICAL SECTION DETAILS
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. 0005

7/9/2024 N:\IFI\Drawings\1. General\0002-3433308-TYPICAL SECTION.dgn

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 400' 800'
SCALE IN FEET

305+00 310+00 315+00 320+00 325+00 330+00 335+00 340+00 345+00 350+00 355+00 360+00 365+00 370+00 375+00 380+00 385+00 390+00 395+00 400+00 405+00 410+00 415+00 420+00 425+00

QUARTER SECTION LINE N01°54'51"W

QUARTER SECTION LINE N88°22'15"E

SECTION LINE S88°01'57"W

SECTION LINE N88°29'17"E

SECTION LINE N01°52'03"W

QUARTER SECTION LINE N88°10'37"E

SEC 13 T-5-S, R-24-E

SEC 18 T-5-S, R-25-E

SEC 12 T-5-S, R-24-E

STA 319+25.00
BEGIN PROJECT

CL US-259
N 01°49'46.2" W

SECTION LINE
N 01°51'51" W

CL US-259
N 22°50'13.4" W

CL US-259
N 04°07'02.0" W
970.97'

PI 345+00.4336
Δ 21°00'27.2378" LT
D 00°59'59.9987°
T 1062.31SF
L 2100.76SF
R 5729.58SF
PC 334+38.13
PT 355+38.88

PC 334+38.1274

PT 355+38.8847

N22° 50'13.4"W
1061.40'

PI 345+00.43

PI 401+44.70

PC 420+43.2436

PC 392+00.2890

PI 401+44.6969
Δ 18°43'11.3857" RT
D 00°59'59.9987°
T 944.41SF
L 1871.98SF
R 5729.58SF
PC 392+00.29
PT 410+72.27

PT 410+72.2726

425+00.0000

POST OAK RD

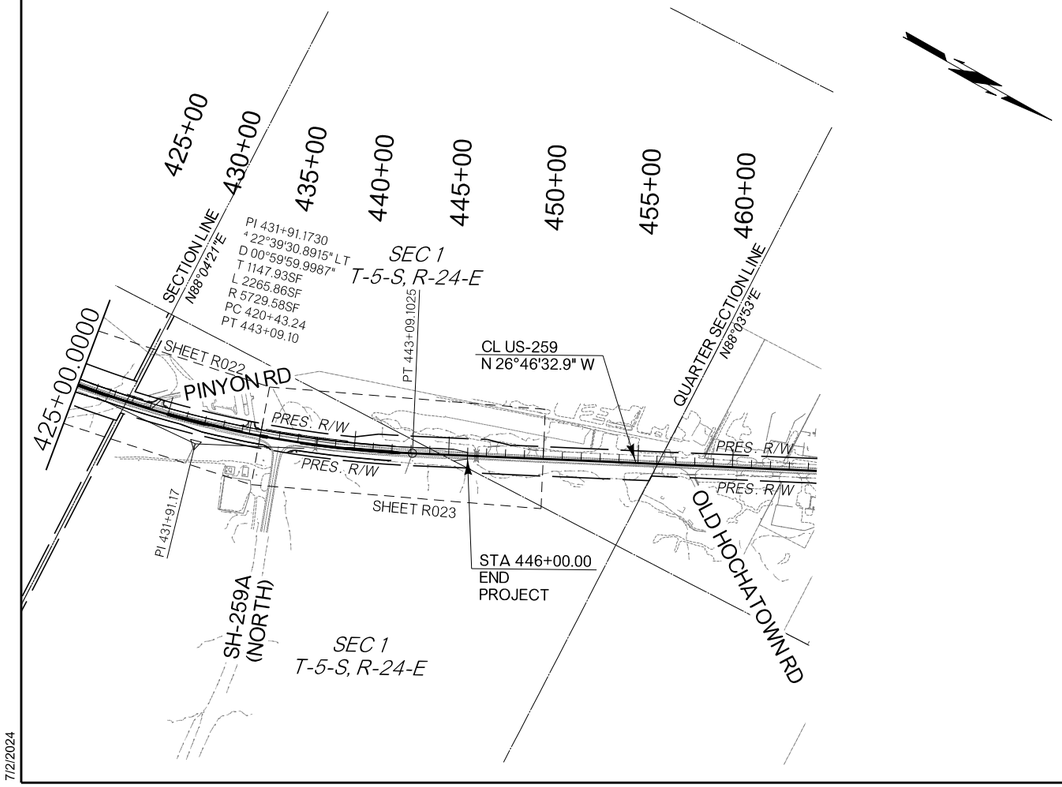
WHITE PINE RD

HIDDENLAKE RD

PRES. R/W

SHEET R015 SHEET R016 SHEET R017 SHEET R018 SHEET R019 SHEET R020 SHEET R021 SHEET R022

SH-259A (SOUTH)



DESIGN	CRS		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN	CRS		
CHECKED	EAW		HORIZONTAL LAYOUT
APPROVED	EAW		
SQUAD	FREESE NICHOLS		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. 0006

7/2/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

GENERAL NOTES (ROADWAY):

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.

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-2 (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 "ADHESIVE SPRAY METHOD", AS SPECIFIED IN 233.04B(1) OF THE STANDARD SPECIFICATIONS.

AREAS ON WHICH SALVAGED TOPSOIL IS TO BE REPLACED SHALL HAVE 18-46-0 FERTILIZER APPLIED, AT THE RATE OF 150 POUNDS PER ACRE, JUST PRIOR TO THE REPLACEMENT OF SALVAGED TOPSOIL. COST TO BE INCLUDED IN OTHER ITEMS OF WORK.

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.

T.B.S.C. SURFACES SHALL BE SPRINKLED WITH WATER AND ROLLED WITH A PNEUMATIC ROLLER IN A MANNER APPROVED BY THE ENGINEER.

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.

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 PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ANY WORK WHICH IS NOT PERFORMED WITHIN THE GUIDELINES 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 LONGITUDINAL 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 ODOT ROADWAY STANDARD WCR-4 AND SPECIAL DRIVEWAY DETAILS.

GENERAL NOTES (ROADWAY CONT'D):

SIDEWALK AND RAMP LOCATIONS HAVE BEEN DEPICTED WITHOUT KNOWLEDGE OF ULTIMATE UTILITY STRUCTURE 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 WITH THE 'PEDESTRIAN ACCESS ROUTE' AS DEFINED BY PROWAG.

DUE TO EXISTING CONDITIONS, UTILITY RELOCATIONS AND OTHER UNFORSEEN COMPLICATIONS OR ACTIONS, THE DESIGN OF THE SIDEWALK COULD BE DONE IN THE FIELD, WITH THE RESIDENT ENGINEERS APPROVAL PRIOR TO CONSTRUCTING, WHILE MAINTAINING AND MEETING THE LASTEST ADA AND PROWAG STANDARDS. COST TO BE INCLUDED IN CONSTRUCTION STAKING LEVEL II PAY ITEM.

GENERAL NOTES (TRAFFIC):

DUE TO THE PRIME CONTRACTORS SEQUENCES OF CONSTRUCTION, WEATHER AND OTHER FORSEEN COMPLICATIONS OR ACTIONS, MULTIPLE MOBILIZATIONS MAY BE REQUIRED BY THE RESIDENT ENGINEER.

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.

EXISTING ROADWAY SHALL REMAIN OPEN DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER BARRICADES, LIGHTS, AND SIGNING WITHIN THE LIMITS OF CONSTRUCTION. ALL CONSTRUCTION SIGNING WILL BE IMPLEMENTED ACCORDING TO CONSTRUCTION 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.

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 SF (0.23 SM);

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.

GENERAL NOTES (TRAFFIC SAFETY):

ALL FIELD MEASUREMENTS PREVAIL ON INSTALLATION AND REMOVAL.

REMOVE AND REPLACE STRIPING IN GORE AREAS WHERE CURB AND ISLAND ARE TO BE REMOVED, WHERE MEDIAN BARRIER IS TO BE CONSTRUCTED, AND WHERE TRAFFIC CONTROL WARRANTS REMOVAL AND REPLACEMENT OF STRIPING.

MODIFICATION OF CONNECTING BOX TO SLOPED AND GRATED WINGWALLS SHALL BE AS DIRECTED BY THE ENGINEER.

ALL WASTE MATERIAL RESULTING FROM HEADWALL AND WINGWALL REMOVAL SHALL BE DISPOSED OF BY THE CONTRACTOR IN AN MANNER APPROVED BY THE ENGINEER.

GENERAL NOTES (TRAFFIC SIGNING):

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

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.

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.

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.

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.

NO SPLICES SHALL BE PERMITTED IN ANY PIPE OR WIDE FLANGE SIGN POSTS.

ALL ANCHOR BOLTS SHALL BE GRADE A-36 STEEL.

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.

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

AFTER REMOVAL OF ANY SIGN FOOTINGS, THE HOLES BE FILLED WITH SOIL AND TAMPED AND SHAPED IN A MANNER APPROVED BY THE ENGINEER.

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.

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.

7/7/2024

DESIGN	OJ		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN	CRS		
CHECKED	DRC		GENERAL CONSTRUCTION NOTES
APPROVED	EAW		
SQUAD	FREESE NICHOLS		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. 0007

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 FROM 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 MEASURES MUST BE TAKEN TO PROHIBIT THE DISCHARGE OF CONTAMINANTS INTO ANY SURFACE WATERS.

USFWS COMPLIANCE COMMITMENT:
PLEASE BE ADVISED FOR THIS PROJECT, ONE WEEK PRIOR TO THE START OF THE BATS' ACTIVE SEASON (APRIL 1), THE ODOT BIOLOGIST MUST CONFIRM THAT ALL AGREED UPON AVOIDANCE AND MINIMIZATION MEASURES, AS WELL AS CONSERVATION MEASURES, HAVE BEEN FOLLOWED OR IMPLEMENTED, AND THE CONTRACTOR IS AWARE OF SEASONAL RESTRICTION REQUIREMENTS.

AMERICAN BURYING BEETLE NOTE:
THE AMERICAN BURYING BEETLE IS A LARGE CARRION BURYING BEETLE THAT OCCURS WITHIN THE PROJECT LIMITS. ARTIFICIAL LIGHTING MAY BE USED DURING CONSTRUCTION FOR NIGHT ACTIVITIES IF THE EQUIPMENT SPECIFICATIONS OUTLINED IN SPECIAL PROVISION 656-5(A-B)19 FOR ABB ARE ADHERED TO AND MEASURES TO MINIMIZE USE OF ARTIFICIAL LIGHTING HAVE BEEN IMPLEMENTED. CARCASSES AND ALL FOOD TRASH SHALL CONTINUOUSLY BE REMOVED FROM THE PERMANENT AND TEMPORARY RIGHT-OF-WAY THROUGHOUT THE DURATION OF PROJECT ACTIVITIES. POLLUTION PREVENTION REQUIREMENTS AS SPECIFIED BY THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY GENERAL PERMIT OKRL0 FOR STORM WATER DISCHARGES SHALL BE IMPLEMENTED WHEN APPROPRIATE. ADDITIONALLY, ALL EQUIPMENT WILL BE FUELED, AND ALL FUEL AND MOTOR VEHICLE OIL WILL NOT BE STORED WITHIN AREAS OF NATIVE VEGETATION (IE. OUTSIDE OF ABB HABITAT).

BAT BRIDGE/CULVERT SEASONAL RESTRICTION NOTE:
THE NORTHERN LONG-EARED BAT IS A LISTED BAT SPECIES AND THE TRICOLORED BAT IS PROPOSED ENDANGERED BAT SPECIES THAT OCCUR WITHIN THE PROJECT'S ACTION AREA. IN ORDER TO AVOID AND MINIMIZE ADVERSE IMPACTS TO LISTED BAT SPECIES, BRIDGE/CULVERT REPAIR, RETROFIT, MAINTENANCE, REHABILITATION OR DEMOLITION SHALL BE PERMITTED ONLY BETWEEN NOVEMBER 16, AND MARCH 31 (WHEN BATS ARE HIBERNATING IN CAVES). IF BRIDGE/CULVERT REPAIR, RETROFIT, MAINTENANCE, REHABILITATION OR DEMOLITION DURING THE ACTIVE SEASON (BETWEEN APRIL 1, AND NOVEMBER 15) CANNOT BE AVOIDED, THE RESIDENT ENGINEER SHALL CONTACT THE ODOT BIOLOGIST TO SCHEDULE A VISUAL BAT BRIDGE INSPECTION, PRIOR TO ANY BRIDGE WORK. INSPECTION SURVEYS CAN ONLY BE CONDUCTED BETWEEN MAY 15, AND AUGUST 15. IF THE INSPECTION FINDS THAT BATS ARE USING THE STRUCTURES, ALL BRIDGE/CULVERT REPAIR, RETROFIT, MAINTENANCE, REHABILITATION OR DEMOLITION SHALL ONLY BE PERMITTED BETWEEN NOVEMBER 16, AND MARCH 31 (WHEN BATS ARE HIBERNATING IN CAVES).

BAT TREE REMOVAL SEASONAL RESTRICTION NOTE:
THE NORTHERN LONG-EARED BAT IS A LISTED BAT SPECIES THAT OCCURS WITHIN THE PROJECT'S ACTION AREA. IN ORDER TO AVOID ADVERSE IMPACTS TO THIS SPECIES, ALL TREE REMOVAL SHALL BE PERMITTED ONLY BETWEEN NOVEMBER 16, AND MARCH 31 (OUTSIDE THE BATS ACTIVE SEASON). IF THE ACTIVE SEASON (APRIL 1 TO NOVEMBER 15) CANNOT BE AVOIDED, THE RESIDENT ENGINEER SHALL CONTACT THE ODOT BIOLOGIST AND RE-CONSULTATION WITH USFWS WILL BE NECESSARY TO AVOID ADVERSE IMPACTS TO THE SPECIES.

ENVIRONMENTAL MITIGATION NOTES

BAT LIGHTING NOTE:
ALL TEMPORARY LIGHTING, IF USED, WILL BE DIRECTED AWAY FROM SUITABLE BAT HABITAT DURING THE ACTIVE SEASON FOR BATS (APRIL 1- NOVEMBER 15). IF ANY PERMANENT LIGHTING IS INSTALLED OR REPLACED, DOWNWARD-FACING FULL CUT-OFF LENS LIGHTS SHALL BE INSTALLED AND DIRECTED AWAY FROM WOODED AREAS AND STREAMS.

MIGRATORY BIRD NOTE:
MIGRATORY BIRDS ARE PROTECTED BY THE FEDERAL MIGRATORY BIRD TREATY ACT.NMANY BIRDS COMMONLY USE BRIDGES AND CULVERTS FOR NESTING. THE NESTING SEASON FOR MOST MIGRATORY BIRD SPECIES EXTENDS FROM MARCH 1 TO AUGUST 31. MIGRATORY BIRD NESTING USE OF THE US-259 YASHAU CREEK BRIDGE (NBI:14031) AND NUMEROUS CULVERTS (STA.318+46, 362+61, 378+27, 407+87, 446+47, AND 618+19.12) WAS OBSERVED. PAINTING, REPAIR, RETROFIT, REHABILITATION OR DEMOLITION OF THE EXISTING BRIDGE AND CULVERTS SHALL BE CONDUCTED BETWEEN SEPTEMBER 1, AND FEBRUARY 28, WHEN MIGRATORY BIRD NESTS ARE NOT OCCUPIED. IF PAINTING, REPAIR, RETROFIT, REHABILITATION OR DEMOLITION CANNOT BE COMPLETED BETWEEN SEPTEMBER 1 AND FEBRUARY 28, THE BRIDGE AND CULVERTS SHALL 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.

ALTHOUGH NO NESTS WERE OBSERVED ON ALL OTHER STRUCTURES, THE BIRDS MAY OCCUPY THE STRUCTURES IN THE FUTURE. THE RESIDENT ENGINEER SHALL CONTACT THE ODOT BIOLOGIST IF ANY BIRD USE OF THESE STRUCTURES IS OBSERVED. IF BIRDS ARE OBSERVED THEN PAINTING, REPAIR, RETROFIT, REHABILITATION OR DEMOLITION OF THE EXISTING BRIDGE AND CULVERTS SHALL BE CONDUCTED BETWEEN SEPTEMBER 1, AND FEBRUARY 28 (WHEN MIGRATORY BIRD NESTS ARE NOT OCCUPIED).

SPECIES	SEASONAL RESTRICTION PERIOD
BATS	APRIL 1 – NOVEMBER 15
MIGRATORY BIRDS: SWALLOWS AND PHOEBES (NESTS PRESENT)	MARCH 1 – AUGUST 31

CULTURAL RESOURCES AVOIDANCE NOTES:
LOCATIONS OUTSIDE THE PROJECT AREA IN THE FOLLOWING AREA MUST NOT BE UTILIZED FOR BORROW, EQUIPMENT STAGING, HAUL ROADS, SPOIL DUMPS OR ANY OFF-SITE PROJECT-RELATED ACTIVITY.

T4S R24E
SECTION 2: NW ¼ NE ¼ NE ¼
SECTION 14: NE ¼ SW ¼ SW ¼
SECTION 15: SE ¼ NW ¼ SE ¼
NE ¼ SW ¼ SE ¼
SECTION 26: SW ¼ NW ¼ SW ¼
SE ¼ SE ¼ NE ¼

T5S R24E
SECTION 1: SE ¼ NW ¼
SECTION 12: NE ¼ SW ¼ SE ¼

T5S R25E
SECTION 7: SE ¼ SW ¼ SE ¼

ENVIRONMENTAL NOTES

DETAIL
REVIEW
APPROVED
ENVIRONMENTAL DIVISION

STATE OF OKLAHOMA | DEPARTMENT OF TRANSPORTATION

JOB PIECE NO. 34333(08) | SHEET NO. AE01

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE
⚠1 REMOVED NOTE AND UPDATED PAY ITEM NO. & DESCRIPTION	OE	7/24/2024

PAY QUANTITY NOTES (ROADWAY):

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

(R-3) INCLUDES 10 C.Y. FOR DRIVEWAYS, RETURNS, DIKES, AND MISCELLANEOUS EARTHWORK.

(R-4) AN ESTIMATED QUANTITY OF 1,956 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 SOLID SLAB SODDING PRICE BID TO INCLUDE COST OF 10-20-10 FERTILIZER, ESTIMATED AT 200 POUNDS PER 1,000 SQUARE YARD.

(R-7) FOR SOLID SLAB SODDING PRICE BID TO INCLUDE COST OF WATERING, ESTIMATED AT 60 GALLONS PER SQUARE YARD.

(R-8) PRICE BID TO INCLUDE COST OF ALL NECESSARY MAINTENANCE, MAINTAINING DEVICE IN PROPER UPRIGHT POSITION, 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 13 ACRES.

(R-16) PAYMENT FOR THIS ITEM WILL BE THE THEORETICAL CROSS SECTION MULTIPLIED BY THE INSTALLED LENGTH.

(R-20) ESTIMATED AT 140 LBS. PER CU. FT

(R-23) PRIME COAT SHALL BE APPLIED AT AN ESTIMATED RATE OF 0.35 GAL. PER SQ. YD. WHEN APPLIED TO SUBGRADE, AND 0.25 GAL. PER SQ. YD. WHEN APPLIED TO AGGREGATE BASE. THE ACTUAL CUTBACK PRIME COAT REQUIRED FOR PLACEMENT OPERATIONS WILL BE DETERMINED BY THE CONTRACTOR, AND SHALL CONSIDER THE RESIDUE FROM DISTILLATION PERCENTAGE SHOWN IN SECTION 708.03 OF THE STANDARD SPECIFICATIONS.

(R-25) ESTIMATED AT 0.075 GALLONS PER SQUARE YARD OF ORIGINAL EMULSION OF TACK COAT (BEFORE DILUTION FOR APPLICATION) IN ACCORDANCE WITH SECTION 407 OF THE STANDARD SPECIFICATIONS.

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

(R-33) QUANTITY INCLUDES AN ESTIMATED 20 C.Y. TO BE USED AS DIRECTED BY THE ENGINEER.

(R-34) PRICE BID TO INCLUDE COST OF - 176 6" BARRIER CURB HOODS.

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

⚠

(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.

PAY QUANTITY SPECIAL NOTES (ROADWAY):

(1) PRICE BID TO INCLUDE 847 CY OF GRAVEL DRIVEWAY REMOVAL.

(2) PRICE BID TO INCLUDE QUANTITIES FOR TEMPORARY PAVING IMPROVEMENTS DURING CONSTRUCTION TRAFFIC CONTROL. SEE SUMMARY OF TEMPORARY PAVEMENT TABLE.

(3) QUANTITY IS ESTIMATED AND IS TO BE USED IN LOCATIONS AS DETERMINED BY THE ENGINEER.

(4) ESTIMATED QUANTITY INCLUDES 1,000 TON TO BE USED FOR TEMPORARY DRIVEWAY OR EMERGENCY ACCESS AND AS DIRECTED BY THE ENGINEER.

(5) ESTIMATED QUANTITY TO BE USED FOR DRAINAGE STRUCTURE EXTENTIONS AND CONCRETE PARALELL WINGWALLS. SEE DRAINAGE STRUCTURE SUMMARY TABLE (SHEES AR04-AR06) AND PARALLEL WINGWALL DETAILS (SHEETS R026-R029).

(6) ESTIMATED QUANTITY TO BE USED FOR CONCRETE RETAINING WINGWALLS. SEE SHEETS RW01-RW04 FOR ADDITIONAL DETAILS AND TABLE.

(7) BID ITEM COST INCLUDES THE FOLLOWING:
- 11 CY OF CLASS A CONCRETE FOR MOW STRIP.
- 11 CY OF CLASS A CONCRETE FOR CONCRETE FLUME.
SEE RETAINING WALL SHEETS FOR ADDITIONAL DETAILS.

(8) RIPRAP QUANTY SIZED AT 12". SEE SUMMARY OF RIP RAP TABLE FOR DETAILED QUANTITIES PER APPROXIMATE LOCATION.

(9) ESTIMATED AT 120 LBS. PER CU. FT.

(10) PRICE BID TO INCLUDE ANY EXCAVATION NECESSARY TO PLACE RIPRAP WITH FILTER BLANKET.

PAY QUANTITY NOTES (ROADWAY)(CONT'D):

(11) PRICE BID TO INCLUDE THE COST OF TRENCH EXCAVATION AND STANDARD BEDDING MATERIAL/LEVELING.

(12) PRICE BID TO INCLUDE THE COST OF PIPE UNDERDRAIN COVER MATERIAL. OUTLET LATERAL, HEADWALL AND TRENCH EXCAVATION TO BE USED AT THE DISCRETION OF THE ENGINEER.

(13) FIELD OFFICE IS TO BE EQUIPPED WITH TWO TELECOMMUNICATION PHONE LINES, BOTH LONG DISTANCE RESTRICTED. ONE LINE SHALL BE FOR AN OPERATIONAL TELEPHONE AND THE OTHER SHALL BE DEDICATED TO THE USE OF A FAX MACHINE AND (SIDE MANAGER STAND ALONE USE). IN ADDITION, THE FIELD OFFICE IS TO BE EQUIPPED WITH WIRELESS INTERNET CONNECTION. ALL COST ASSOCIATED WITH THESE ITEMS INCLUDING MONTHLY CHARGES AND ANY ADDITIONAL FEES OR TELECOMMUNICATIONS RELATED CONTRACT EXPENSES SHALL BE INCLUDED IN THE PRICE BID FOR FIELD OFFICE.

(14) FROM STATIONS 415+00 TO 445+00 QUANTITIES SHOW EXCESS BORROW BASED OFF PROPOSED IMPROVEMENTS TYING INTO EXISTING GROUND AS SHOWN IN PLANS. EXISTING CONDITIONS MAY NOT REFLECT THIS BASED OFF RECENTLY UPDATED PROPOSED IMPROVEMENTS. IT IS ANTICIPATED FOR THIS PROJECTS PROPOSED IMPROVEMENTS TO STAY WITHIN PRESENT R/W.

PAY QUANTITIES

0600 STAKING

ITEM NUMBER		DESCRIPTION	UNIT	TOTAL QUANTITY
642(B)	3300	CONSTRUCTION STAKING LEVEL II	LSUM	1

PAY QUANTITIES

0640 CONSTRUCTION

ITEM NUMBER		DESCRIPTION	UNIT	TOTAL QUANTITY
220	1100	SWPPP DOCUMENTATION AND MANAGEMENT	LSUM	1
640(A)	1210	FIELD OFFICE (13)	EA	1
641	2110	MOBILIZATION	LSUM	1

PAY QUANTITIES

0100 ROADWAY

ITEM NUMBER		DESCRIPTION	UNIT	TOTAL QUANTITY
201(A)	1200	CLEARING AND GRUBBING	LSUM	1
202(A)	2200	UNCLASSIFIED EXCAVATION (1-3)(R-1)	CY	10,140
202(D)	2500	UNCLASSIFIED BORROW (2,14)(R-3)	CY	34,875
205(A)	6200	TYPE A-SALVAGED TOPSOIL (R-4)	LSUM	1
221(B)	2300	TEMPORARY SILT FENCE (3)(R-8)	LF	14,571
221(C)	2400	TEMPORARY SEDIMENT FILTER (3)(R-8)	EA	46
221(E)	2600	TEMPORARY SILT DIKE (3)(R-8)	LF	2,865
221(H)	2900	(PL)TEMPORARY INLET SEDIMENT FILTER	EA	46
230(A)	7200	SOLID SLAB SODDING (R-6,7)	SY	61,077
233(A)	0200	VEGETATIVE MULCHING (R-11)	AC	13
303(A)	1200	AGGREGATE BASE TYPE A (2)(R-16)	CY	30,061
325	0100	SEPARATOR FABRIC	SY	81,256
402(E)	2600	TRAFFIC BOUND SURFACE COURSE TYPE E (4)(R-20)	TON	1,282
407(B)	7300	TACK COAT (R-25)	GAL	21,597
408	8100	PRIME COAT (R-23)	GAL	16,135
411(B)	1300	SUPERPAVE, TYPE S3(PG 76-28 OK) (2)(R-26)	TON	11,847
411(B)	1330	SUPERPAVE, TYPE S3(PG 64-22 OK) (2)(R-26)	TON	23,688
411(C)	1400	SUPERPAVE, TYPE S4(PG 76-28 OK) (2)(R-26)	TON	9,561
411(H)	1900	SUPERPAVE, TYPE S3(PATCH)(PG64-22OK) (3)	TON	500
412	3100	COLD MILLING PAVEMENT	SY	679
504(F)	5600	HANDRAILING	LF	610
509(A)	0210	CLASS AA CONCRETE (5)	CY	589
509(C)	0400	CLASS A CONCRETE, SMALL STRUCTURES	CY	6
509(D)	0500	CLASS C CONCRETE (R-33)	CY	141
510(A)	1200	RETAINING WALL (6,7)	SY	367
511(A)	2200	REINFORCING STEEL (5,6)	LB	84,476
601(B)	1200	TYPE I PLAIN RIPRAP WITH FILTER BLANKET (8,9,10)	TON	1,713
609(B)	4320	1'-8" COMB.CRB.& GUT.(4" MNTBLE)	LF	2,111
609(B)	4330	1'-8" COMB.CRB.& GUT.(6" BARRIER)	LF	18,003
609(B)	4360	2'-8" COMB.CRB.& GUT.(6" BARRIER)	LF	22,935
610(A)	5200	4" CONCRETE SIDEWALK	SY	13,306
610(B)	5310	6" CONCRETE DRIVEWAY	SY	5,260
610(C)	5410	6" CONCRETE DIVIDING STRIP	SY	8,446
610(I)	6000	TACTILE WARNING DEVICE-NEW	SF	223
⚠1 611(A)	7211	(PL) MANHOLE (4' DIA.) (R-35)	EA	27
⚠1 611(B)	7301	(PL) ADD'L.DEPTH IN MANHOLE (4' DIA.)	VF	11
611(G)	7714	INLET CI DES. 1(A) (R-34)	EA	1
611(G)	7718	INLET CI DES. 1(B) (R-34)	EA	2
611(G)	7722	INLET CI DES. 1(C) (R-34)	EA	1
611(G)	7726	INLET CI DES. 1(D) (R-34)	EA	2
611(G)	7754	INLET CI DES. 2 (STD) (R-34)	EA	1
611(G)	7758	INLET CI DES. 2 (B) (R-34)	EA	7
611(G)	7762	INLET CI DES. 2 (C) (R-34)	EA	10
611(G)	7766	INLET CI DES. 2 (D) (R-34)	EA	3
611(G)	7786	INLET CI DES. 3 (STD) (R-34)	EA	14
611(G)	9004	INLET CDI RCP DES. 2 (R-34)	EA	4
611(H)	0410	ADD'L DEPTH IN INLET CI DES. 1	VF	8
611(H)	0414	ADD'L DEPTH IN INLET CI DES. 2	VF	2
611(H)	0416	ADD'L DEPTH IN INLET CI DES. 2B	VF	11
611(H)	0417	ADD'L DEPTH IN INLET CI DES. 2C	VF	16
611(H)	0418	ADD'L DEPTH IN INLET CI DES. 2(D)	VF	5
611(H)	0422	ADD'L DEPTH IN INLET CI DES. 3	VF	19
611(H)	0524	ADD'L DEPTH IN INLET CDI RCB DES. 2	VF	2
611(L)	1600	JUNCTION BOXES	CF	183
613(A)	5208	18" R.C.PIPE CLASS III (11)	LF	6,183
613(A)	5216	24" R.C.PIPE CLASS III (11)	LF	60
613(A)	5220	30" R.C.PIPE CLASS III (11)	LF	75
613(B)	5536	48" CORR. GALV. STEEL PIPE (11)	LF	28
613(J)	6400	EDGE DRAIN CONDUIT-PERFORATED (2,12)	LF	25,056
613(K)	6500	EDGE DRAIN OUTLET LATERAL-NONPERFORATED (2,12)	LF	1,253
613(M)	6960	TYPE A4 CULVERT END TREATMENT	EA	14
613(M)	6968	TYPE C4 CULVERT END TREATMENT	EA	1
619(B)	6360	REMOVAL OF CONCRETE PAVEMENT (R-40,41)	SY	13
619(B)	6364	REMOVAL OF ASPHALT PAVEMENT (2)(R-40,41)	SY	52,043
619(B)	6380	REMOVAL OF CONCRETE DRIVEWAY (R-40,41)	SY	687
619(B)	6384	REMOVAL OF ASPHALT DRIVEWAY (R-40,41)	SY	3,029
619(B)	6396	REMOVAL OF GUARDRAIL (R-40,41)	LF	3,811
619(B)	6400	REMOVAL OF CURB (R-40,41)	LF	393
619(B)	6440	REMOVAL OF EXISTING PIPE (R-40,41)	LF	317
619(C)	6600	SAWING PAVEMENT	LF	14,015

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			SUMMARY OF PAY QUANTITIES AND NOTES (ROADWAY)
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. AR01

7/24/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

SUMMARY OF EARTHWORK

PHASE	202(A) 2200 UNCLASSIFIED EXCAVATION	EMBANKMENT	EMBANKMENT + 15%	202(D) 2500 UNCLASSIFIED BORROW
	CY	CY	CY	CY
PHASE 1	-	-	-	-
PHASE 2	2,828	164	189	2,992
PHASE 3	146	1,090	1,254	1,236
PHASE 4	92	1,550	1,783	1,642
PHASE 5	371	9,646	11,093	10,017
PHASE 6	1,625	3,796	4,365	5,421
PHASE 7	238	3,354	3,857	3,592
PHASE 8	3,993	5,972	6,868	9,965
TOTAL	9,293	25,572	29,408	34,865

NOTE: EACH PHASE QUANTITY INLCUDES A & B CONSTRUCTION PHASES AS SHOWN IN TRAFFIC CONTROL TYPICALS SHEET.

SUMMARY OF PAVED DITCHES AND FLUMES

PHASE 0	STATION TO STATION	LT	RT	STRUCTURE NUMBER	DESIGN TYPE	BOTTOM WIDTH	CURTAIN WALLS	509(D) 0500 CLASS C CONCRETE
						FT	EA	CY
R016	344+50.00	X		F-01	1-2A	5	2	1.08
R017	345+20.00		X	G-01	1-2A	5	2	1.26
R019	346+50.00 TO 347+00.00	X		-	2-2A	4	2	4.65
	389+70.00		X	I-07	1-2A	5	2	1.35
R020	360+50.00 TO 361+00.00	X		-	2-2A	4	2	4.65
	392+15.00		X	I-08	1-2A	5	2	1.53
	395+25.00		X	I-09	1-2A	5	2	1.08
	397+75.00		X	I-10	1-2A	5	2	0.90
	397+75.00 TO 401+40.00		X	-	2-2A	4	5	46.76
	402+47.00 TO 405+00.00		X	-	2-2A	4	4	32.44
R021	405+00.00 TO 406+50.00		X	-	2-2A	4	3	19.52
R022	426+40.00 TO 426+70.00		X	-	2-2A	4	2	4.94
							TOTAL:	121

SUMMARY OF RIPRAP

LOCATION						601(B) 1200 TYPE I PLAIN RIPRAP WITH FILTER BLANKET
SHEET	STRUCTURE NO.	STATION	TYPE	LT	RT	TON
R015	CET-A1	319+30.00	12"		X	26
	CET-B2	321+00.00	12"	X		5
R016	CET-D1	339+85.00	12"	X		30
	CET-E1	339+85.00	12"		X	69
	C1	340+44.92	12"	X		39
R017	C2	349+00.00	12"	X		59
			12"		X	61
R018	C3	362+61.00	12"	X		57
			12"		X	62
	C4	365+00.00	12"	X		34
			12"		X	39
	C5	368+20.00	12"	X		79
			12"		X	48
R019	C6	375+83.00	12"	X		40
			12"		X	46
	C7	378+27.00	12"	X		70
			12"		X	81
	C8	385+53.10	12"	X		40
			12"		X	41
R021	C9	407+87.00	12"	X		70
			12"		X	85
	CET-M1	416+50.00	12"	X		8
R022	C10	426+67.20	12"	X		15
	SLOPE	428+00.00	12"	X		98
R023	C11	437+97.00	12"	X		511
					TOTAL:	1,713

SUMMARY OF EROSION & SEDIMENT CONTROL

PHASE		221(B) 2300 TEMPORARY SILT FENCE	221(C) 2400 TEMPORARY SEDIMENT FILTER	221(E) 2600 TEMPORARY SILT DIKE	221(H) 2900 (PL)TEMPORARY INLET SEDIMENT FILTER	230(A) 7200 SOLID SLAB SODDING
SHEET	STATION TO STATION	LF	EA	LF	EA	SY
R005	319+25.00 TO 330+00.00	969	4	240	4	5,278
	330+00.00 TO 345+00.00	784	9	315	9	6,192
R006	345+00.00 TO 360+00.00	1,791	2	525	2	7,051
	360+00.00 TO 375+00.00	2,598	6	255	6	7,734
R007	375+00.00 TO 390+00.00	2,061	7	540	7	7,994
	390+00.00 TO 405+00.00	925	3	870	3	6,207
R008	405+00.00 TO 420+00.00	2,311	4	105	4	7,659
	420+00.00 TO 435+00.00	925	7	15	7	7,921
R009	435+00.00 TO 446+00.00	2,207	4	-	4	5,041
	TOTAL:	14,571	46	2,865	46	61,077

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			SUMMARY TABLES (ROADWAY)
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. AR02

7/9/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

SUMMARY OF REMOVALS

LOCATION		619(B) 6360 REMOVAL OF CONCRETE PAVEMENT	619(B) 6364 REMOVAL OF ASPHALT PAVEMENT	619(B) 6380 REMOVAL OF CONCRETE DRIVEWAY	619(B) 6384 REMOVAL OF ASPHALT DRIVEWAY	619(B) 6396 REMOVAL OF GUARDRAIL	619(B) 6400 REMOVAL OF CURB	619(B) 6440 REMOVAL OF EXISTING PIPE	619(C) 6600 SAWING PAVEMENT
SHEET	STATION TO STATION	SY	SY	SY	SY	LF	LF	LF	LF
R010	319+25.00 TO 330+00.00	13	2,798	-	1,427	828	-	-	2,173
	330+00.00 TO 345+00.00	-	5,181	472	674	1,003	-	241	1,881
R011	345+00.00 TO 360+00.00	-	5,520	-	-	760	103	-	675
	360+00.00 TO 375+00.00	-	5,741	-	-	-	-	-	0
R012	375+00.00 TO 390+00.00	-	5,179	-	92	192	-	-	945
	390+00.00 TO 405+00.00	-	4,864	-	481	433	-	-	1,624
R013	405+00.00 TO 420+00.00	-	6,746	-	65	595	290	-	1,733
	420+00.00 TO 435+00.00	-	5,777	215	290	-	-	76	3,014
R014	435+00.00 TO 446+00.00	-	4,276	-	-	-	-	-	1,970
TOTAL:		13	46,082	687	3,029	3,811	393	317	14,015

SUMMARY OF SURFACING ITEMS

LOCATION		303(A) 1200 AGGREGATE BASE TYPE A	325 0100 SEPARATOR FABRIC	402(E) 2600 TRAFFIC BOUND SURFACE COURSE TYPE E	407(B) 7300 TACK COAT	408 8100 PRIME COAT	411(B) 1300 SUPERPAVE, TYPE S3(PG 76-28 OK)	411(B) 1330 SUPERPAVE, TYPE S3(PG 64-22 OK)	411(C) 1400 SUPERPAVE, TYPE S4(PG 76-28 OK)	412 3100 COLD MILLING PAVEMENT	504(F) 5600 HANDRAILING	609(B) 4320 1'-8" COMB.CRB.& GUT.(4" MNTBLE)	609(B) 4330 1'-8" COMB.CRB.& GUT.(6" BARRIER)	609(B) 4360 2'-8" COMB.CRB.& GUT.(6" BARRIER)	610(A) 5200 4" CONCRETE SIDEWALK	610(C) 5410 6" CONCRETE DIVIDING STRIP	610(I) 6000 TACTILE WARNING DEVICE-NEW	613(J) 6400 EDGE DRAIN CONDUIT-PERFORATED	613(K) 6500 EDGE DRAIN OUTLET LATERAL-NON PERFORATED
SHEET	STATION TO STATION	CY	SY	TON	GAL	GAL	TON	TON	TON	SY	LF	LF	LF	LF	SY	SY	SF	LF	LF
R015	319+25.00 TO 330+00.00	2,249	6,745	146	1,392	1,408	946	1,892	818	406	-	-	486	1,734	1,061	-	-	2,000	100
R016	330+00.00 TO 345+00.00	3,356	10,066	-	1,895	2,000	1,344	2,688	1,037	-	-	188	2,147	2,746	1,533	935	41	3,000	150
R017	345+00.00 TO 360+00.00	3,466	10,397	-	1,884	2,090	1,405	2,809	940	-	-	232	2,352	2,845	1,639	1,131	-	3,000	150
R018	360+00.00 TO 375+00.00	3,371	10,113	-	1,800	2,000	1,344	2,688	896	-	80	-	3,000	3,000	1,710	1,778	-	3,000	150
R019	375+00.00 TO 390+00.00	3,350	10,049	-	1,840	2,000	1,344	2,688	956	-	-	161	2,484	2,884	1,658	1,313	-	3,000	150
R020	390+00.00 TO 405+00.00	3,349	10,047	-	1,862	2,000	1,344	2,688	988	-	-	598	2,198	2,800	1,629	1,025	-	3,000	150
R021	405+00.00 TO 420+00.00	3,452	10,354	-	2,067	2,119	1,424	2,847	1,188	-	-	511	2,057	2,521	1,657	788	121	3,000	150
R022	420+00.00 TO 435+00.00	2,550	7,649	-	1,584	1,397	939	1,877	1,114	-	90	250	2,385	2,845	1,637	1,076	21	3,000	150
R023	435+00.00 TO 446+00.00	1,946	5,836	136	1,312	1,121	754	1,507	955	273	440	171	894	1,560	782	400	40	2,056	103
TOTAL:		27,089	81,256	282	15,636	16,135	10,844	21,684	8,892	679	610	2,111	18,003	22,935	13,306	8,446	223	25,056	1,253

SUMMARY OF DRIVES

LOCATION					LENGTH	WIDTH	RADIUS		303(A) 1200 AGGREGATE BASE TYPE A	610(B) 5310 6" CONCRETE DRIVEWAY
SHEET	STATION	TYPE	LT	RT	FT	FT	LT	RT	CY	SY
R015	323+13.78	CONCRETE	X		44	20	25	25	85	505
	323+85.44	CONCRETE	X		44	16	25	25	20	120
	327+36.67	CONCRETE		X	34	20	25	25	113	677
	329+16.56	CONCRETE	X		44	24	25	25	70	419
R016	332+45.00	CONCRETE	X		44	27	25	25	178	1,066
	337+62.84	CONCRETE	X		44	30	25	25	32	188
R017	345+21.84	CONCRETE	X		34	18	15	15	15	86
	345+89.24	CONCRETE		X	34	30	15	15	22	131
	351+73.29	CONCRETE		X	34	24	15	15	18	108
R019	387+21.97	CONCRETE	X		34	12	15	15	11	63
	389+14.00	CONCRETE		X	34	24	25	25	22	132
R020	391+28.20	CONCRETE		X	34	20	25	25	20	117
	394+21.49	CONCRETE	X		34	88.5	15	15	49	293
	404+96.37	CONCRETE	X		34	22	15	15	77	457
R021	407+50.11	CONCRETE		X	69	26	15	15	37	217
	413+75.00	CONCRETE	X		34	24	25	25	22	132
	417+77.00	CONCRETE	X		34	38	25	25	31	185
R022	429+45.00	CONCRETE	X		34	36.5	50	20	33	198
	434+40.00	CONCRETE	X		34	33	25	25	28	166
TOTAL:									883	5,260

SUMMARY OF TEMPORARY PAVEMENT

LOCATION		* COMPACTED SUBGRADE	303(A) 1200 AGGREGATE BASE TYPE A	407(B) 7300 TACK COAT	411(B) 1300 SUPERPAVE, TYPE S3(PG 76-28 OK)	411(B) 1330 SUPERPAVE, TYPE S3(PG 64-22 OK)	411(C) 1400 SUPERPAVE, TYPE S4(PG 76-28 OK)	619(B) 6364 REMOVAL OF ASPHALT PAVEMENT
PHASE	STATION TO STATION	CY	CY	GAL	TON	TON	TON	SY
2	319+25.00 TO 330+00.00	-	-	-	-	-	-	-
	330+00.00 TO 345+00.00	-	-	-	-	-	-	-
	345+00.00 TO 360+00.00	251	377	1,075	181	361	121	1,075
	360+00.00 TO 375+00.00	545	818	2,335	393	785	262	2,335
	375+00.00 TO 390+00.00	200	300	855	144	288	96	855
	390+00.00 TO 405+00.00	-	-	-	-	-	-	-
	405+00.00 TO 420+00.00	396	594	1,696	285	570	190	1,696
	420+00.00 TO 435+00.00	-	-	-	-	-	-	-
	435+00.00 TO 446+00.00	-	-	-	-	-	-	-
TOTAL:		1,392	2,089	5,961	1,003	2,004	669	5,961

* FOR CONTRACTOR'S INFORMATION ONLY. SEE TYPICAL SECTION FOR ADDITIONAL INFORMATION. PRICE BID ITEM INCLUDED IN OTHER ITEMS OF WORK.

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			SUMMARY TABLES (ROADWAY)
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. AR03

7/9/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

SUMMARY OF DRAINAGE STRUCTURES

STR. NAME	STATION	OFFSET	RT/LT	DESCRIPTION	STANDARDS	ELEVATIONS				PIPE SLOPE FROM STRUCTURE TO DOWN STREAM	TRENCH EXC. 613 (V)	STD. BEDDING MATERIAL CLASS B 613(S)	CLASS AA CONCRETE 509 (A)	CLASS A CONCRETE 509 (C)	REINFORCING STEEL 511(A)	MANHOLE 611(A)		MANHOLE FRAME & COVER	INLET 611(G)										ADD'L DEPTH IN INLET 611(H)											JUNCTION BOXES (611L)	INLET FRAME & GRATE	6' BARRIER CI	R.C. PIPE CLASS III 613(A)			48" CGMP 613(B)	C.E.T. 613 (M)	
						GROUND ELEV.	TOP OF CURB	STRUCTURE FLOWLINE	DOWN STREAM FLOWLINE							4'	4'		CIDES. 1(A)	CIDES. 1(B)	CIDES. 1(C)	CIDES. 1(D)	CIDES. 2 (STD)	CIDES.2 (B)	CIDES. 2 (C)	CIDES. 2 (D)	CIDES. 3 (STD)	CDIRCP DES. 2	CIDES. 1				CIDES. 2	CIDES. 2B	CIDES. 2C	CIDES. 2(D)	CIDES. 3	CDIRCP DES. 2				18"	24"	30"		A4	C4
																												(A)	(B)	(C)	(D)													
						FT	FT	ELEV	ELEV	%	CY	CY	CY	CY	LBS.	EA.	V.F.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	V.F.	V.F.	V.F.	V.F.	V.F.	V.F.	C.F.	EA.	EA.	L.F.	L.F.	L.F.	L.F.	EA.	EA.
CET-A1	319+30.00	58.00	RT	CONST. A4 CET	CET4S-4-2; CET6S-4-2; SPI-5-2; FHTMPP-2-1	-	-	599.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MH-A1	321+00.00	42.50	RT	CONST. 4' DIA. MANHOLE W/ 159 LF 18" RCP FROM STR.CET-A1	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	611.80	612.30	605.90	599.20	4.21%	110.14	43.57	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	159.00	-	-	-	-	-
A-01	321+00.00	33.00	RT	CONST. DESIGN 2(C) INLET W/ 7 LF 18" RCP FROM STR.MH-A1	CDIP-2-2, SSIF-5-1, PCI-1-1	611.30	611.80	607.50	607.25	3.57%	3.13	1.92	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	1.13	-	-	-	-	2.00	5.00	7.00	-	-	-	-	-
MH-A2	323+50.00	42.50	RT	CONST. 4' DIA. MANHOLE W/ 246 LF 18" RCP FROM STR. MH-A1	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	617.90	618.40	611.90	605.90	2.44%	173.30	67.41	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	246.00	-	-	-	-	-
A-02	323+50.00	33.00	RT	CONST. DESIGN 3(STD.) INLET W/ 7 LF 18" RCP FROM STR.MH-A2	CDIP-2-2, SSIF-5-1, PCI-1-1	617.50	618.00	613.50	613.25	3.57%	3.29	1.92	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	1.33	-	-	4.00	4.00	7.00	-	-	-	-	-
CET-B2	321+80.00	55.00	LT	CONST. A4 CET	CET4S-4-2; CET6S-4-2; SPI-5-2; FHTMPP-2-1	-	-	609.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-
B-01	322+10.00	33.00	LT	CONST. DESIGN 3(STD.) INLET W/ 19 LF 18" RCP FROM STR.JB-B1	CDIP-2-2, SSIF-5-1, PCI-1-1	613.80	614.30	610.00	609.75	1.32%	8.48	5.21	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	1.13	-	-	4.00	4.00	19.00	-	-	-	-	-
JB-B1	322+10.00	54.00	LT	CONST. 4' DIA. JUNCTION BOX W/ 18 LF 18" RCP FROM STR.CET-B2	MFC-5-1, MJB-4-2	613.00	-	609.75	609.25	2.78%	6.87	4.94	-	1.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26.36	-	-	18.00	-	-	-	-	-
CET-B1	324+30.00	52.00	LT	CONST. A4 CET W/ 208 LF 18" RCP FROM STR.JB-B1	CET4S-4-2; CET6S-4-2; SPI-5-2; FHTMPP-2-1	-	-	616.85	609.75	3.41%	48.85	57.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	208.00	-	-	-	1.00	-
CET-C1	328+60.00	50.00	LT	CONST. A4 CET	CET4S-4-2; CET6S-4-2; SPI-5-2; FHTMPP-2-1	-	-	627.90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-
C-01	329+55.00	38.67	LT	CONST. SMD-TYPE 1 INLET W/ 6.4 LF 18" RCP FROM STR.JB-C1	SMD-4-2, SSIF-5-1, PCI-1-1	631.62	632.12	629.02	628.75	4.22%	1.96	1.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.40	-	-	-	-	-
JB-C1	329+55.00	50.00	LT	CONST. 4' DIA. JUNCTION BOX W/ 83 LF 18" RCP FROM STR.CET-C1	MFC-5-1, MJB-4-2	631.10	631.60	628.15	627.90	0.30%	28.75	22.75	-	1.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22.63	-	-	83.00	-	-	-	-	-
C-02	330+92.00	38.67	LT	CONST. SMD-TYPE 1 INLET W/ 6.4 LF 18" RCP FROM STR.JB-C2	SMD-4-2, SSIF-5-1, PCI-1-1	633.36	633.86	630.76	630.55	3.28%	1.96	1.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.40	-	-	-	-	-
JB-C2	330+92.00	50.00	LT	CONST. 4' DIA. JUNCTION BOX W/ 133 LF 18" RCP FROM STR.JB-C1	MFC-5-1, MJB-4-2	632.30	632.80	629.30	628.25	0.79%	46.85	36.45	-	1.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25.17	-	-	133.00	-	-	-	-	-
D-04	334+00.00	33.00	LT	CONST. DESIGN 2(C) INLET W/ 7 LF 18" RCP FROM STR.MH-D4	CDIP-2-2, SSIF-5-1, PCI-1-1	634.40	634.90	630.20	630.00	2.86%	3.46	1.92	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	1.53	-	-	-	-	2.00	5.00	7.00	-	-	-	-	-
MH-D4	334+00.00	42.50	LT	CONST. 4' DIA. MANHOLE W/ 121 LF 18" RCP FROM STR.MH-D3	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	635.00	635.50	629.00	627.80	0.99%	85.24	33.16	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	121.00	-	-	-	-	-
D-03	335+25.00	33.00	LT	CONST. DESIGN 2(C) INLET W/ 7 LF 18" RCP FROM STR.MH-D3	CDIP-2-2, SSIF-5-1, PCI-1-1	633.75	634.25	629.54	629.25	4.14%	3.46	1.92	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	1.54	-	-	-	-	2.00	5.00	7.00	-	-	-	-	-
MH-D3	335+25.00	42.50	LT	CONST. 4' DIA. MANHOLE W/ 185 LF 18" RCP FROM STR.MH-D2	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	633.75	634.25	627.80	626.10	0.92%	129.24	50.69	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	185.00	-	-	-	-	-
MH-D2	337+15.00	42.50	LT	CONST. 4' DIA. MANHOLE W/ 205 LF 18" RCP FROM STR.MH-D1	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	632.00	632.50	626.10	623.70	1.17%	142.01	56.17	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	205.00	-	-	-	-	-
D-02	337+15.00	54.00	LT	CONST. CDI DES. 2 INLET W/ 8 LF 18" RCP FROM STR.MH-D2	CDIP-2-2, SSIF-5-1, PCI-1-1	630.90	631.40	627.85	627.50	4.38%	2.87	2.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	0.38	-	-	-	8.00	-	-	-	-	-
MH-D1	339+25.00	42.50	LT	CONST. 4' DIA. MANHOLE W/ 50 LF 18" RCP FROM STR.CET-D1	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	629.60	630.10	623.70	622.30	2.80%	34.64	13.70	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50.00	-	-	-	-	-
D-01	339+25.00	33.00	LT	CONST. DESIGN 2(D) INLET W/ 7 LF 18" RCP FROM STR.MH-D1	CDIP-2-2, SSIF-5-1, PCI-1-1	629.90	630.40	626.00	625.75	3.57%	3.21	1.92	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	1.23	-	-	-	-	2.00	6.00	7.00	-	-	-	-	-
CET-D1	339+75.00	60.00	LT	CONST. A4 CET	CET4S-4-2; CET6S-4-2; SPI-5-2; FHTMPP-2-1	-	-	622.30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-
E-03	335+25.00	33.00	RT	CONST. DESIGN 1(C) INLET W/ 7 LF 18" RCP FROM STR.MH-E3	CDIP-2-2, SSIF-5-1, PCI-1-1	634.00	634.50	630.00	629.75	3.57%	3.29	1.92	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	-	1.33	-	-	-	-	-	-	1.00	4.00	7.00	-	-	-	-	-
MH-E3	335+25.00	42.50	RT	CONST. 4' DIA. MANHOLE W/ 188 LF 18" RCP FROM STR.MH-E2	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	633.80	634.30	627.90	626.40	0.80%	130.23	51.52	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	188.00	-	-	-	-	-
E-02	337+15.00	33.00	RT	CONST. DESIGN 3(STD.) INLET W/ 7 LF 18" RCP FROM STR.MH-E1	CDIP-2-2, SSIF-5-1, PCI-1-1	632.50	633.00	628.30	628.00	4.29%	3.46	1.92	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	1.53	-	-	4.00	4.00	7.00	-	-	-	-	-
MH-E2	337+15.00	42.50	RT	CONST. 4' DIA. MANHOLE W/ 208 LF 18" RCP FROM STR.MH-E1	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	632.30	632.80	626.40	624.75	0.79%	144.09	57.00	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	208.00	-	-	-	-	-
E-01	339+25.00	33.00	RT	CONST. DESIGN 2(D) INLET W/ 7 LF 18" RCP FROM STR.MH-E1	CDIP-2-2, SSIF-5-1, PCI-1-1	630.00	630.50	626.00	625.75	3.57%	3.29	1.92	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	1.33	-	-	-	2.00	6.00	7.00	-	-	-	-	-
MH-E1	339+25.00	42.00	RT	CONST. 4' DIA. MANHOLE W/ 60 LF 18" RCP FROM STR.CET-E1	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	630.75	631.25	624.75	624.50	0.42%	42.27	16.44	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.00	-	-	-	-	-
CET-E1	339+85.00	51.00	RT	CONST. A4 CET	CET4S-4-2; CET6S-4-2; SPI-5-2; FHTMPP-2-1	-	-	624.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			SUMMARY TABLES (ROADWAY)
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. AR04

7/9/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

SUMMARY OF DRAINAGE STRUCTURES

STR. NAME	STATION	OFFSET	RT/LT	DESCRIPTION	STANDARDS	ELEVATIONS				PIPE SLOPE FROM STRUCTURE TO DOWN STREAM	TRENCH EXC. 613 (V)	STD. BEDDING MATERIAL CLASS B 613(S)	CLASS AA CONCRETE 509 (A)	CLASS A CONCRETE 509 (C)	REINFORCING STEEL 511(A)	MANHOLE 611(A)	ADD'L DEPTH MANHOLE 611(B)	MANHOLE FRAME & COVER	INLET 611(G)										ADD'L DEPTH IN INLET 611(H)											JUNCTION BOXES (611L)	INLET FRAME & GRATE	6" BARRIER CI	R.C. PIPE CLASS III 613(A)			48" CGMP 613(B)	C.E.T. 613 (M)	
						GROUND ELEV.	TOP OF CURB	STRUCTURE FLOWLINE	DOWN STREAM FLOWLINE							4'	4'		CIDES. 1(A)	CIDES. 1(B)	CIDES. 1(C)	CIDES. 1(D)	CIDES. 2 (STD)	CIDES. 2(B)	CIDES. 2 (C)	CIDES. 2 (D)	CIDES. 3 (STD)	CDIRCP DES. 2	CIDES. 1				CIDES. 2	CIDES. 2B	CIDES. 2C	CIDES. 2(D)	CIDES. 3	CDIRCP DES. 2										
																												(A)	(B)	(C)	(D)												18"	24"	30"			
						FT	FT	ELEV	ELEV	%	CY	CY	CY	CY	LBS.	EA.	V.F.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	V.F.	V.F.	V.F.	V.F.	V.F.	V.F.	C.F.	EA.	EA.	L.F.	L.F.	L.F.	L.F.	EA.	EA.
C1	340+44.92	NA	NA	EXT. EXIST. 48" DIAM. X 64' RDY. CGMP 14' LG. LT. & 14' LG. RT.	SBI-5-2; RCB-C1-3&4&5(2-20); RCB-E1-H2-0-1; RCB-CW1-D4-30; RCB-E1-H4-0-2	-	-	620.98	619.27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64.00	-	-	28.00	-	-
SD1	344+85.00	50.00	LT	CONST. 18"x62.5' RCP SD W/ A4 CET	CET4S-4-2; CET6S-4-2; SPI-5-2; FHTMPP-2-1	-	-	622.60	621.85	1.20%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.50	-	-	-	2.00	-
SD2	345+50.00	52.00	RT	CONST. 18"x66.6' RCP SD W/ A4 CET	CET4S-4-2; CET6S-4-2; SPI-5-2; FHTMPP-2-1	-	-	621.60	620.60	1.50%	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66.50	-	-	-	2.00	-
C2	349+00.00	NA	NA	EXT. EXIST. 4'x4' x82' RDY. RCB 5' LG. LT. & 5' LG. RT.	SBI-5-2; RCB-C1-3&4&5(2-20); RCB-E1-H2-0-1; RCB-CW1-D4-30; RCB-E1-H4-0-2	-	-	609.95	609.34	-	-	-	5.10	-	573.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F-01	344+50.00	33.00	LT	CONST. 5' X 10' CONC. FLUME	DC-4-1, SEE CONCRETE FLUME DETAIL (R029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
F-02	349+20.00	33.00	LT	CONST. DESIGN 3(STD.) INLET W/ 13 LF 18" RCP FROM STR.C2	CDIP-2-2, SSIF-5-1, PCI-1-1	620.45	620.95	611.00	610.43	4.41%	14.43	3.57	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	6.78	-	-	4.00	4.00	13.00	-	-	-	-	-
G-01	345+20.00	33.00	RT	CONST. 5' X 12' CONC. FLUME	DC-4-1, SEE CONCRETE FLUME DETAIL (R029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
G-02	349+20.00	33.00	RT	CONST. DESIGN 3(STD.) INLET W/ 13 LF 18" RCP FROM STR.C2	CDIP-2-2, SSIF-5-1, PCI-1-1	620.45	620.95	611.60	611.04	4.34%	13.51	3.57	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	6.18	-	-	4.00	4.00		-	-	-	-	-
H-01	362+61.00	33.00	LT	CONST. DESIGN 2(B) INLET W/ 0 LF 18" RCP FROM STR.C3	CDIP-2-2, SSIF-5-1, PCI-1-1	613.12	613.62	606.80	-	0.00%	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	3.65	-	-	-	-	-	2.00	4.00	0.00	-	-	-	-	-
I-01	362+61.00	33.00	RT	CONST. DESIGN 2(C) INLET W/ 0 LF 18" RCP FROM STR.C3	CDIP-2-2, SSIF-5-1, PCI-1-1	613.12	613.62	607.38	-	0.00%	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	3.07	-	-	-	-	2.00	5.00	0.00	-	-	-	-	-
C3	362+61.00	NA	NA	EXT. EXIST. 6'x5' x76' RDY. RCB 8' LG. LT. & 8' LG. RT.	SBI-5-2; RCB-C1-3&4&5(2-20); RCB-E1-H2-0-1; RCB-CW1-D4-30; RCB-E1-H4-0-2	-	-	602.49	601.70	-	-	-	10.24	-	1398.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C4	365+00.00	NA	NA	EXT. EXIST. 24"DIAM.x78' RDY. RCP 6' LG. LT. & 8' LG. RT.	SBI-5-2; RCB-C1-3&4&5(2-20); RCB-E1-H2-0-1; RCB-CW1-D4-30; RCB-E1-H4-0-2	-	-	604.87	604.07	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78.00	14.00	-	-	-	-
H-03	370+75.00	33.00	LT	CONST. DESIGN 3(STD.) INLET W/ 247 LF 18" RCP FROM STR.H-02	CDIP-2-2, SSIF-5-1, PCI-1-1	607.30	607.80	603.60	601.50	0.85%	107.30	67.68	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	1.03	-	-	4.00	4.00	247.00	-	-	-	-	-
H-02	368+20.00	33.00	LT	CONST. DESIGN 2(C) INLET W/ 0 LF 18" RCP FROM STR.C5	CDIP-2-2, SSIF-5-1, PCI-1-1	608.75	609.25	599.47	-	0.00%	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	6.61	-	-	-	-	2.00	5.00	0.00	-	-	-	-	-
I-03	370+75.00	33.00	RT	CONST. DESIGN 3(STD.) INLET W/ 247 LF 18" RCP FROM STR.I-02	CDIP-2-2, SSIF-5-1, PCI-1-1	607.30	607.80	603.60	601.05	1.03%	107.30	67.68	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	-	1.03	-	-	4.00	4.00	247.00	-	-	-	-	-
I-02	368+20.00	33.00	RT	CONST. DESIGN 2(C) INLET W/ 0 LF 18" RCP FROM STR.C5	CDIP-2-2, SSIF-5-1, PCI-1-1	608.75	609.25	601.05	-	0.00%	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	5.03	-	-	-	-	2.00	5.00	0.00	-	-	-	-	-
C5	368+20.00	NA	NA	EXT. EXIST. 24"DIAM.x84' RDY. RCP 4' LG. LT. & 4' LG. RT.	SBI-5-2; RCB-C1-3&4&5(2-20); RCB-E1-H2-0-1; RCB-CW1-D4-30; RCB-E1-H4-0-2	-	-	601.36	599.16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.00	-	-	-	-
C6	375+83.00	NA	NA	EXT. EXIST. 4'x3' x77' RDY. RCB 6' LG. LT. & 9' LG. RT.	SBI-5-2; RCB-C1-3&4&5(2-20); RCB-E1-H2-0-1; RCB-CW1-D4-30; RCB-E1-H4-0-2	-	-	601.70	600.00	-	-	-	13.76	-	1497.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
H-04	375+83.00	33.00	LT	CONST. DESIGN 2(B) INLET W/ 0 LF 18" RCP FROM STR.C6	CDIP-2-2, SSIF-5-1, PCI-1-1	609.78	610.28	603.20	-	0.00%	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	3.91	-	-	-	-	-	2.00	4.00	0.00	-	-	-	-	-
I-04	375+83.00	33.00	RT	CONST. DESIGN 2(B) INLET W/ 0 LF 18" RCP FROM STR.C6	CDIP-2-2, SSIF-5-1, PCI-1-1	609.78	610.28	604.45	-	0.00%	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	2.66	-	-	-	-	2.00	4.00	0.00	-	-	-	-	-
C7	378+27.00	NA	NA	EXT. EXIST. 2-8'x7' x54' RDY. RCB 19' LG. LT. & 19' LG. RT.	SBI-5-2; RCB-C1-3&4&5(2-20); RCB-E1-H2-0-1; RCB-CW1-D4-30; RCB-E1-H4-0-2	-	-	601.36	599.51	-	-	-	85.12	-	12486.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.00	-	-	-	-	-
H-05	378+32.00	33.00	LT	CONST. DESIGN 2(C) INLET W/ 0 LF 18" RCP FROM STR.C7	CDIP-2-2, SSIF-5-1, PCI-1-1	612.52	613.02	606.77	-	0.00%	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	3.08	-	-	-	-	2.00	5.00	0.00	-	-	-	-	-
I-05	378+32.00	33.00	RT	CONST. DESIGN 2(D) INLET W/ 0 LF 18" RCP FROM STR.C7	CDIP-2-2, SSIF-5-1, PCI-1-1	612.52	613.02	608.10	-	0.00%	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	1.75	-	-	-	2.00	6.00	0.00	-	-	-	-	-
C8	385+53.10	NA	NA	EXT. EXIST. 4'x3' x54' RDY. RCB 15' LG. LT. & 23' LG. RT.	SBI-5-2; RCB-C1-3&4&5(2-20); RCB-E1-H2-0-1; RCB-CW1-D4-30; RCB-E1-H4-0-2	-	-	611.46	609.75	-	-	-	16.34	-	1778.40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.00	-	-	-	-	-
H-06	385+53.00	33.00	LT	CONST. DESIGN 2(STD.) INLET W/ 0 LF 18" RCP FROM STR.C8	CDIP-2-2, SSIF-5-1, PCI-1-1	617.56	618.06	613.00	-	0.00%	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	1.89	-	-	-	-	2.00	2.00	0.00	-	-	-	-	-
I-06	385+53.00	33.00	RT	CONST. DESIGN 3(STD.) INLET W/ 0 LF 18" RCP FROM STR.C8	CDIP-2-2, SSIF-5-1, PCI-1-1	617.56	618.06	614.20	-	0.00%	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	-	0.69	-	-	4.00	4.00	0.00	-	-	-	-	-
H-07	387+60.00	33.00	LT	CONST. DESIGN 3(STD.) INLET W/ 199 LF 18" RCP FROM STR.H-06	CDIP-2-2, SSIF-5-1, PCI-1-1	621.00	621.50	616.80	613.81	1.50%	98.13	54.53	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	-	1.53	-	-	4.00	4.00	199.00	-	-	-	-	-
I-07	389+70.00	33.00	RT	CONST. 5' X 13' CONC. FLUME	DC-4-1, SEE CONCRETE FLUME DETAIL (R029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I-08	392+15.00	33.00	RT	CONST. 5' X 15' CONC. FLUME	DC-4-1, SEE CONCRETE FLUME DETAIL (R029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I-09	395+25.00	33.00	RT	CONST. 5' X 10' CONC. FLUME	DC-4-1, SEE CONCRETE FLUME DETAIL (R029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I-10	397+75.00	33.00	RT	CONST. 5' X 8' CONC. FLUME	DC-4-1, SEE CONCRETE FLUME DETAIL (R029)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SD3	388+80.00	52.00	RT	CONST. 18"X91' RCP SD W/ A4CET	CET4S-4-2; CET6S-4-2; SPI-5-2; FHTMPP-2-1	-	-	622.40	619.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	91.00	-	-	-	2.00	-
SD4	390+95.00	53.50	RT	CONST. 18"X65' RCP SD W/ A4CET	CET4S-4-2; CET6S-4-2; SPI-5-2; FHTMPP-2-1	-	-	625.80	624.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	65.00	-	-	-	2.00	-

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		SUMMARY TABLES (ROADWAY)
APPROVED		
SQUAD		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. AR05

7/9/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

SUMMARY OF DRAINAGE STRUCTURES

STR. NAME	STATION	OFFSET	RT/LT	DESCRIPTION	STANDARDS	ELEVATIONS				PIPE SLOPE FROM STRUCTURE TO DOWN STREAM	TRENCH EXC. 613 (V)	STD. BEDDING MATERIAL CLASS B 613(S)	CLASS AA CONCRETE 509 (A)	CLASS A CONCRETE 509 (C)	REINFORCING STEEL 511(A)	INLET 611(G)																						ADD'L DEPTH IN INLET 611(H)															JUNCTION BOXES (611L)	INLET FRAME & GRATE	6" BARRIER CI	R.C. PIPE CLASS III 613(A)			48" CGMP 613(B)	C.E.T. 613 (M)	
						GROUND ELEV.	TOP OF CURB	STRUCTURE FLOWLINE	DOWN STREAM FLOWLINE							MANHOLE 611(A)	ADD'L DEPTH IN MANHOLE 611(B)	MANHOLE FRAME & COVER	CIDES. 1(A)	CIDES. 1(B)	CIDES. 1(C)	CIDES. 1(D)	CIDES. 2 (STD)	CIDES. 2 (B)	CIDES. 2 (C)	CIDES. 2 (D)	CIDES. 3 (STD)	CDI RCP DES. 2	CIDES. 1				CIDES. 2	CIDES. 2B	CIDES. 2C	CIDES. 2D	CIDES. 3	CDI RCP DES. 2																		
																4'	4'		(A)	(B)	(C)	(D)																														
						FT	FT	ELEV	ELEV	%	CY	CY	CY	CY	LBS.	EA.	V.F.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	EA.	V.F.	V.F.	V.F.	V.F.	V.F.	V.F.	C.F.	EA.	EA.	L.F.	L.F.	L.F.	L.F.	EA.	EA.
J-04	401+80.00	33.00	LT	CONST. DESIGN 2(STD.) INLET W/ 64 LF 18" RCP FROM STR. J-03	CDIP-2-2; SSIF-5-1, PCI-1-1	645.10	645.60	641.25	640.75	0.78%	28.93	17.54	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	1.18	-	-	-	-	-	-	2.00	2.00	64.00	-	-	-	-	-
J-03	401+80.00	33.00	RT	CONST. DESIGN 2(B) INLET W/ 7 LF 18" RCP FROM STR. MH-J3	CDIP-2-2, SSIF-5-1, PCI-1-1	645.10	645.60	640.75	640.50	3.57%	3.58	1.92	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	1.68	-	-	-	-	-	2.00	4.00	7.00	-	-	-	-	-
MH-J3	401+80.00	42.00	RT	CONST. 4' DIA. MANHOLE W/ 170 LF 18" RCP FROM STR. MH-J2	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	645.55	646.05	639.55	639.00	0.32%	119.76	46.58	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	170.00	-	-	-	-	-
J-02	403+55.00	33.00	RT	CONST. DESIGN 2(B) INLET W/ 7 LF 18" RCP FROM STR. MH-J2	CDIP-2-2, SSIF-5-1, PCI-1-1	645.50	646.00	641.50	641.25	3.57%	3.29	1.92	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	1.33	-	-	-	-	-	2.00	4.00	7.00	-	-	-	-	-
MH-J2	403+55.00	42.00	RT	CONST. 4' DIA. MANHOLE W/ 200 LF 18" RCP FROM STR. MH-J1	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	646.50	647.00	638.90	638.20	0.35%	178.46	54.80	-	-	-	1.00	1.60	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	200.00	-	-	-	-	-
MH-J1	405+60.00	42.00	RT	CONST. 4' DIA. MANHOLE W/ 99 LF 18" RCP FROM STR. J-01	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	647.50	648.00	638.10	637.75	0.35%	109.26	27.13	-	-	-	1.00	3.40	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	99.00	-	-	-	-	-
J-01	406+60.00	67.00	RT	CONST. AREA DROP INLET W/ 75 LF 30" RCP FROM STR. CET-J1	SEE "DRAINAGE STRUCTURE DETAIL" (R029)	644.70	645.20	636.75	636.50	0.33%	70.01	20.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	75.00	-	-	-
CET-J1	407+50.00	67.00	RT	CONST. C4 CET	CET4S-4-2; CET6S-4-2; SPI-5-2; FHTMPP-2-1	-	-	636.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00
C9	407+87.00	N/A	N/A	EXT. EXIST. 8'x7' x61' RDY. RCB 15' LG. LT. & 21' LG. RT.	SBI-5-2; RCB-C1-3&4&5(2-20); RCB-E1-H2-0-1; RCB-CW1-D4-30; RCB-E1-H4-0-2	-	-	634.79	633.95	-	-	-	40.32	-	5914.80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61.00	-	-	-	-	-
K-01	408+90.00	33.00	LT	CONST. DESIGN 3(STD.) INLET W/ 94 LF 18" RCP FROM STR. C9	CDIP-2-2, SSIF-5-1, PCI-1-1	644.20	644.70	640.50	638.90	1.70%	40.84	25.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	1.03	-	-	4.00	4.00	94.00	-	-	-	-	-
L-01	408+90.00	33.00	RT	CONST. DESIGN 3(STD.) INLET W/ 94 LF 18" RCP FROM STR. C9	CDIP-2-2, SSIF-5-1, PCI-1-1	644.20	644.70	640.50	639.80	0.74%	40.84	25.76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	1.03	-	-	4.00	4.00	94.00	-	-	-	-	-
CET-M1	415+50.00	55.00	LT	CONST. A4 CET	CET4S-4-2; CET6S-4-2; SPI-5-2; FHTMPP-2-1	-	-	647.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-
MH-M1	417+00.00	36.25	LT	CONST. 4' DIA. MANHOLE W/ 140 LF 18" RCP FROM STR. CET-M1	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	656.00	656.50	650.00	647.25	1.96%	98.63	38.36	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	140.00	-	-	-	-	-
M-01	418+31.00	33.00	LT	CONST. DESIGN 2(C) INLET W/ 1 LF 18" RCP FROM STR. MH-M2	CDIP-2-2, SSIF-5-1, PCI-1-1	657.34	657.84	653.05	653.00	5.00%	0.51	0.28	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	1.62	-	-	-	-	2.00	5.00	1.00	-	-	-	-	-
MH-M2	418+31.00	37.00	LT	CONST. 4' DIA. MANHOLE W/ 121 LF 18" RCP FROM STR. MH-M1	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	657.90	658.40	651.90	650.00	1.57%	85.24	33.16	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	121.00	-	-	-	-	-
M-02	420+50.00	33.00	LT	CONST. DESIGN 3(STD.) INLET W/ 7 LF 18" RCP FROM STR. MH-M3	CDIP-2-2, SSIF-5-1, PCI-1-1	660.30	660.80	656.09	655.75	4.86%	3.46	1.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	1.54	-	-	4.00	4.00	7.00	-	-	-	-	-
MH-M3	420+50.00	42.00	LT	CONST. 4' DIA. MANHOLE W/ 222 LF 18" RCP FROM STR. MH-M2	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	661.80	662.30	655.00	651.90	1.40%	177.24	60.83	-	-	-	1.00	0.80	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	222.00	-	-	-	-	-
M-03	420+50.00	6.00	RT	CONST. DESIGN 1(D) INLET W/ 37 LF 18" RCP FROM STR. M-02	CDIP-2-2, SSIF-5-1, PCI-1-1	661.15	661.65	656.94	656.09	2.30%	18.29	10.14	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	1.54	-	-	-	-	-	-	-	1.00	5.00	37.00	-	-	-	-	-
M-04	422+80.00	33.00	LT	CONST. DESIGN 3(STD.) INLET W/ 7 LF 18" RCP FROM STR. MH-M4	CDIP-2-2, SSIF-5-1, PCI-1-1	663.05	663.55	658.84	658.50	4.86%	3.46	1.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	1.54	-	-	4.00	4.00	7.00	-	-	-	-	-
MH-M4	422+80.00	42.00	LT	CONST. 4' DIA. MANHOLE W/ 225 LF 18" RCP FROM STR. MH-M3	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	663.80	664.30	657.80	655.00	1.24%	158.50	61.65	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	225.00	-	-	-	-	-
C10	426+67.20	N/A	N/A	EXT. EXIST. 24"DIAM.x62' RDY. RCP 11' LG. LT. & 25' LG. RT.	SBI-5-2; RCB-C1-3&4&5(2-20); RCB-E1-H2-0-1; RCB-CW1-D4-30; RCB-E1-H4-0-2	-	-	659.28	652.94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62.00	-	-	-	-	-
JB-N1	426+71.50	42.00	LT	CONST. 4' SQUARE JUNCTION BOX	MFC-5-1, MJB-4-2	656.75	-	653.20	-	-	-	-	-	1.38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27.46	-	-	-	61.50	-	-	-
MH-N1	427+35.00	42.00	LT	CONST. 4' SQUARE MANHOLE W/ 58 LF 18" RCP FROM STR. JB-N1	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	662.50	663.00	655.75	653.20	4.40%	45.97	15.90	-	-	-	1.00	0.75	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58.00	-	-	-	-	-
N-01	427+35.00	3.30	LT	CONST. DESIGN 1(A) INLET W/ 37 LF 18" RCP FROM STR. MH-N1	CDIP-2-2, SSIF-5-1, PCI-1-1	662.55	663.05	658.75	657.75	2.70%	16.51	10.14	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	1.13	-	-	-	-	-	-	-	1.00	2.00	37.00	-	-	-	-	-
N-02	428+50.00	33.00	LT	CONST. DESIGN 1(D) INLET W/ 112 LF 18" RCP FROM STR. MH-N1	CDIP-2-2, SSIF-5-1, PCI-1-1	660.95	661.45	656.25	655.85	0.36%	61.81	30.69	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	2.03	-	-	-	-	-	-	-	1.00	5.00	112.00	-	-	-	-	-
O-04	432+85.00	3.25	LT	CONST. DESIGN 1(B) INLET W/ 28 LF 18" RCP FROM STR. O-03	CDIP-2-2, SSIF-5-1, PCI-1-1	658.60	659.10	654.75	654.00	2.68%	12.66	7.68	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	1.18	-	-	-	-	-	-	-	1.00	3.00	28.00	-	-	-	-	-
O-03	432+85.00	33.00	LT	CONST. DESIGN 2(C) INLET W/ 7 LF 18" RCP FROM STR. MH-O3	CDIP-2-2, SSIF-5-1, PCI-1-1	658.00	658.50	654.00	653.75	3.57%	3.29	1.92	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	1.33	-	-	-	-	2.00	5.00	7.00	-	-	-	-	-
MH-O3	432+85.00	42.00	LT	CONST. 4' DIA. MANHOLE W/ 235 LF 18" RCP FROM STR. MH-O2	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	658.00	658.50	652.00	649.85	0.91%	165.55	64.39	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	235.00	-	-	-	-	-
MH-O2	435+25.00	42.00	LT	CONST. 4' DIA. MANHOLE W/ 130 LF 18" RCP FROM STR. MH-O1	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	655.75	656.25	649.75	649.35	0.31%	91.58	35.62	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	130.00	-	-	-	-	-
O-02	435+25.00	33.00	LT	CONST. DESIGN 2(C) INLET W/ 7 LF 18" RCP FROM STR. MH-O2	CDIP-2-2, SSIF-5-1, PCI-1-1	655.70	656.20	651.50	651.25	3.57%	3.46	1.92	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	1.53	-	-	-	-	2.00	5.00	7.00	-	-	-	-	-
MH-O1	436+60.00	42.00	LT	CONST. 4' DIA. MANHOLE W/ 134 LF 18" RCP FROM STR. C11	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	655.75	656.25	649.25	648.00	0.93%	102.27	36.72	-	-	-	1.00	0.50	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	134.00	-	-	-	-	-
O-01	436+60.00	33.00	LT	CONST. DESIGN 3(STD.) INLET W/ 7 LF 18" RCP FROM STR. MH-O1	CDIP-2-2, SSIF-5-1, PCI-1-1	655.35	655.85	651.50	651.25	3.57%	3.17	1.92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	1.18	-	-	4.00	4.00	7.00	-	-	-	-	-
C11	437+97.00	NA	NA	EXT. EXIST. 10'x8' x52' RDY. RCB 22' LG. LT. & 18' LG. RT.	SBI-5-2; RCB-C1-3&4&5(2-20); RCB-E1-H2-0-1; RCB-CW1-D4-30; RCB-E1-H4-0-2	-	-	644.08	643.62	-	-	-	33.44	-	6239.20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MH-P1	439+00.00	42.00	LT	CONST. 4' DIA. MANHOLE W/ 100 LF 18" RCP FROM STR. C11	MFC-5-1; MJB-4-2; PSM-1-2; PMD-1-1	656.50	657.00	650.50	648.60	1.90%	70.45	27.40	-	-	-	1.00	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	100.00	-	-	-	-	-
P-01	439+00.00	33.00	LT	CONST. DESIGN 2(B) INLET W/ 7 LF 18" RCP FROM STR. MH-P1	CDIP-2-2, SSIF-5-1, PCI-1-1	656.10	656.60	652.25	652.00	3.57%	3.17	1.92	-	-	-	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	1.18	-	-	-	-	-	2.00	4.00	7.00	-	-	-	-	-
P-02	439+00.00	5.90	RT	CONST. DESIGN 1(B) INLET W/ 37 LF 18" RCP FROM STR. P-01	CDIP-2-2, SSIF-5-1, PCI-1-1	656.92	657.42	653.00	652.25	2.03%	17.03	10.14	-	-	-	-	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-	-	-	1.25	-	-	-	-	-	-	-	1.00	3.00	37.00	-	-	-	-	-
					TOTALS:						3242.23	1410.70	204.32	5.52	29888.20	21.00	7.05	21.00	1.00	2.00	1.00	2.00	2.00	6.00	10.00	3.00	14.00	1.00	8.46				3.07	14.41	26.47	4.31	27.55	0.38	101.62	104.00	174.00	5793.80	83.50	75.00	28.00	14.00	1.00

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			SUMMARY TABLES (ROADWAY)
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. AR06

7/9/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PAY QUANTITY NOTES (TRAFFIC SIGNAL):

(TP-1) PAYMENT FOR THIS ITEM WILL BE BASED ON PLAN QUANTITY. SEE THE 2019 SPECIFICATIONS FOR HIGHWAY CONSTRUCTION.

(TR-24) ALL TRAFFIC SIGNAL EQUIPMENT REMOVED SHALL BECOME THE PROPERTY OF THE CITY. THE CONTRACTOR SHALL NEATLY STACK SUCH REMOVED MATERIAL AT A LOCATION ON THE JOB SITE AS DIRECTED BY THE ENGINEER. THE PRICE BID SHALL INCLUDE THE REMOVAL OF ALL FOOTINGS BELOW GROUND LEVEL OR AS DIRECTED BY THE ENGINEER. FOOTINGS TO BECOME THE PROPERTY OF THE CONTRACTOR.

(TR-27) ALL SIGNS REMOVED SHALL BECOME THE PROPERTY OF THE CITY. THE CONTRACTOR SHALL NEATLY STACK SUCH REMOVED MATERIAL AT A LOCATION ON THE JOB SITE AS DIRECTED BY THE ENGINEER. THE PRICE BID SHALL INCLUDE THE REMOVAL OF ALL FOOTINGS BELOW GROUND LEVEL OR AS DIRECTED BY THE ENGINEER. FOOTINGS TO BECOME THE PROPERTY OF THE CONTRACTOR.

PAY QUANTITY NOTES (TRAFFIC SIGNING & STRIPING):

*(TS-25) QUANTITY SHOWN INCLUDES 13,700 L.F. TRAFFIC STRIPE (MULTI-POLYMER)(WHITE) AND 26,230 L.F. TRAFFIC STRIPE(MULTI-POLYMER)(*YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF SIX INCH (6") WIDE TRAFFIC STRIPE.

(TS-27) QUANTITY SHOWN INCLUDES 1,300 L.F. TRAFFIC STRIPE (MULTI-POLYMER)(WHITE) AND 1,170 L.F. TRAFFIC STRIPE(MULTI-POLYMER)(YELLOW) AND WILL BE MEASURED BY THE LINEAR FOOT OF TWELVE INCH (12") WIDE TRAFFIC STRIPE.

(TS-28) QUANTITY SHOWN INCLUDES 1,142 L.F. TRAFFIC STRIPE (MULTI-POLYMER)(WHITE) AND WILL BE MEASURED BY THE LINEAR FOOT OF TWENTY-FOUR INCH (24") WIDE TRAFFIC STRIPE.

(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.

(TS-41) "REMOVAL OF EXISTING SIGNS" SHALL INCLUDE THE REMOVAL OF A COMPLETE SIGN ASSEMBLY WHICH MAY INCLUDE MULTIPLE SIGNS, POSTS, FOOTINGS, AND ANY FOOTINGS ADJACENT TO THE SIGN ASSEMBLY. WHEN APPROVED BY THE ENGINEER, FOOTINGS MAY BE OBLITERATED TO A POINT BELOW GROUND LEVEL IN LIEU OF BEING COMPLETELY REMOVED. SEE GENERAL CONSTRUCTION NOTES FOR DISPOSAL OF OLD CONCRETE FOOTING MATERIAL.

PAY QUANTITY SPECIAL NOTES (TRAFFIC):

(1) CONTRACTOR TO CONNECT NEW SIGNAL POLES TO EXISTING ELECTRICAL SERVICE. PRICE BID TO INCLUDE ALL MATERIALS AND LABOR COSTS ASSOCIATED WITH MAKING CONNECTIONS TO EXISTING WIRING AS SHOWN IN PLANS.

(2) ANY REMOVED SIGNAL HEADS, ROADWAY LUMINAIRE, DETECTION SYSTEMS AND MAST ARM SIGNS ARE TO BECOME PROPERTY OF ODOT TRAFFIC ENGINEERING DIVISION. REUSE ANY REMOVED SIGNAL HEADS, ROADWAY LUMINAIRE, DETECTION SYSTEMS AND MAST ARM SIGNS AS SHOWN ON THE TRAFFIC SIGNAL LAYOUT SHEETS AND APPROVED BY THE RESIDENT ENGINEER.

(3) REMOVE EXISTING SIGNAL POLES AND SPAN WIRE EQUIPMENT AT THE SH-259A SOUTH & US-259 INTERSECTION AND THE SH-259A NORTH & US-259 INTERSECTION.

(4) NO. 4 ELECTRICAL CONDUCTOR FUSED 'Y' CONNECTORS SHALL BE APPROVED BY THE ENGINEER AND INSTALLED AT EACH POLE BASE OR BRANCH CIRCUIT AS REQUIRED. THE COST OF THESE CONNECTORS SHALL BE INCLUDED IN THE PRICE BID FOR THE INSULATED CABLES. THE 'HOT' CONDUCTOR SHALL BE BLACK AND 'NEUTRAL' CONDUCTOR SHALL BE WHITE.

(5) TRAFFIC SIGNAL LED LENSES SHALL BE DURALIGHT.

(6) PAY ITEM IS FOR THE INSTALLATION OF 16 TRIANGULAR YIELD SYMBOLS AT THE US-259 & WHITE PINE ROAD AND US-259 & SH-259A (NORTH) INTERSECTIONS.

WHITE PINE ROAD:
- 4 YIELD SYMBOLS FOR THE NORTHBOUND DECELERATION LANE.
- 4 YIELD SYBMOLS FOR THE NORTHBOUND ACCELERATION LANE.

SH-259A (NORTH):
- 4 YIELD SYMBOLS FOR THE NORTHBOUND DECELERATION LANE.
- 4 YIELD SYMBOLS FOR THE SOUTHBOUND ACCELERATION LANE.

(7) THIS QUANTITY SHALL INCLUDE SIGN ASSEMBLIES CONSISTING OF W16-15P OVER A W3-3 WITH 2 WARNING LIGHTS TYPE B. THESE ASSEMBLIES SHALL BE PLACED AHEAD OF EACH LEG OF EACH INTERSECTION AND SHALL BE PLACED BEFORE SIGNAL APPLICATION AND SHALL REMAIN IN PLACE FOR AT LEAST ONE (1) MONTH AFTER SIGNAL ACTIVATION. THERE WILL BE 14 OF THESE ASSEMBLIES TOTAL.

(8) LOCATION OF PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE DETERMINED BY THE OKLAHOMA DEPARTMENT OF TRANSPORTATION.

PAY QUANTITY NOTES (TRAFFIC CONTROL):

(TC-1) THE CONTRACTOR SHALL FURNISH AND INSTALL SUCH LIGHTS, SIGNS, BARRICADES, AND PROVIDE FLAGGERS NECESSARY FOR THE CONTROL, SAFETY, AND MAINTENANCE OF TRAFFIC WHEN INSTALLING, RELOCATING OR DELIVERING PORTABLE LONGITUDINAL BARRIER.

(TC-2) QUANTITY INCLUDES SUFFICIENT LENGTH OF PORTABLE LONGITUDINAL BARRIER TO PROVIDE FOR THE LONGEST SECTION SHOWN ON THE PLANS. THIS SAME BARRIER WILL BE USED ON OTHER DETOUR PHASES.

(TC-16) PAINT SHALL CONFORM TO SECTION 711 "TRAFFIC STRIPE", OF THE O.D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION (CURRENT EDITION).

(TC-17) INCLUDES AN ESTIMATED 48,163 L.F. (PAINT) (4" WIDE) WHITE AND 23,891 L.F. (PAINT)(4" WIDE) YELLOW STRIPE.

(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 OF THE FOLLOWING METHODS:
- REMOVABLE PAVEMENT MARKING TAPE
- CLASS A PAVEMENT MARKERS

PAY QUANTITY NOTES (TRAFFIC CONTROL)(CONT'D):

(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 CHAPTER 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-28) INCLUDED IN THIS ITEM ARE ALL S.C.S. (SPECIAL CONSTRUCTION SIGNING) SIGNS WHICH ARE BETWEEN 0.00 S.F. AND 6.25 S.F. ALSO INCLUDED IN THIS ITEM SHALL BE THE COST OF INSTALLATION, MAINTENANCE, AND REMOVAL OF THESE SIGNS.

(TC-29) INCLUDED IN THIS ITEM ARE ALL S.C.S. (SPECIAL CONSTRUCTION SIGNING) SIGNS WHICH ARE BETWEEN 6.26 S.F. AND 15.99 S.F. ALSO INCLUDED IN THIS ITEM SHALL BE THE COST OF INSTALLATION, MAINTENANCE, AND REMOVAL OF THESE SIGNS.

(TC-30) INCLUDED IN THIS ITEM ARE ALL S.C.S. (SPECIAL CONSTRUCTION SIGNING) SIGNS WHICH ARE BETWEEN 16.00 S.F. AND 32.99 S.F. ALSO INCLUDED IN THIS ITEM SHALL BE THE COST OF INSTALLATION, MAINTENANCE, AND REMOVAL OF THESE SIGNS.

(TC-33) ALL CONSTRUCTION WORK ZONE SIGNS SHALL HAVE FLUORESCENT SHEETING. THE FLUORESCENT SHEETING SHALL MEET THE REQUIREMENTS OF ASTM D4956 (LATEST REVISION) THE MANUFACTURER SHALL FURNISH A TYPE 'D' CERTIFICATION IN ACCORDANCE WITH O.D.O.T. STANDARD SPECIFICATIONS (CURRENT EDITION) SUBSECTION 106.04. THE CERTIFICATION SHALL INCLUDE TEST RESULTS ON MATERIAL SUBMITTED FOR APPROVAL.

(TC-39) THE CONTRACTOR SHALL PROVIDE A PERSON, 24 HOURS A DAY, SEVEN DAYS A WEEK, AT THE CONSTRUCTION SITE TO MAINTAIN AND KEEP ALL TRAFFIC CONTROL DEVICES IN POSITION ANYTIME TRAFFIC IS DIRECTED AWAY FROM THE NORMAL TRAFFIC LANES OR ANYTIME THE ENGINEER DEEMS IT NECESSARY. THIS PERSON SHALL HOLD A CURRENT CERTIFICATION FROM THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA) OR THE OKLAHOMA TRAFFIC ENGINEERING ASSOCIATION (OTEA) AS A TRAFFIC CONTROL TECHNICIAN OR TRAFFIC CONTROL SUPERVISOR.

(TC-52) ANY USED CONSTRUCTION ZONE IMPACT ATTENUATOR AND PORTABLE 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-65) THE PRICE BID FOR THIS ITEM SHALL INCLUDE THE FOLLOWING:
A. ONE OFFICIALLY MARKED OKLAHOMA HIGHWAY PATROL CAR (WHEN PROJECT INVOLVES A STATE OR FEDERAL HIGHWAY). IF AN OKLAHOMA HIGHWAY PATROL CAR IS NOT AVAILABLE, THEN A LOCAL CITY OR COUNTY LAW ENFORCEMENT VEHICLE IS TO BE USED. PRICE BID FOR THIS ITEM SHALL BE PAID ON A PER UNIT PER HOUR BASIS.
B. ONE OKLAHOMA HIGHWAY LAW ENFORCEMENT OFFICER WITH JURISDICTIONAL AUTHORITY TO WRITE AND ISSUE TRAFFIC CITATIONS. IF AN OKLAHOMA HIGHWAY PATROL LAW OFFICER IS NOT AVAILABLE, THEN A LOCAL CITY OR COUNTY LAW ENFORCEMENT OFFICER IS TO BE USED. THE LAW ENFORCEMENT OFFICER SHALL BE INSURED, LICENSED AND BONDED, IF REQUIRED, BY THE CONTRACTOR. THIS OFFICER SHALL BE SPECIFICALLY APPROVED AND ASSIGNED TO THIS WORK ACTIVITY.
C. THE CONTRACTOR SHALL MAKE ALL THE NECESSARY ARRANGEMENTS WITH THE OKLAHOMA HIGHWAY PATROL OR THE LAW ENFORCEMENT AGENCY TO PROVIDE THE REQUIRED LAW ENFORCEMENT ON THIS PROJECT.
D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING HIS ANTICIPATED WEEKLY SCHEDULE TO THE OKLAHOMA HIGHWAY PATROL OR THE LOCAL LAW AGENCY TWO WEEKS IN ADVANCE OF THE WORK. THE WORK SCHEDULE WILL BE SUBJECT TO THE APPROVAL OF THE ENGINEER.
E. THE OKLAHOMA HIGHWAY PATROL OR THE LOCAL LAW ENFORCEMENT AGENCY WILL BE PAID FOR A MAXIMUM OF ONE (1) HOUR, PER WORK PERIOD, TO ALLOW FOR TRAVEL TO AND FROM THE OFFICER'S PERMANENT DUTY STATION AND THE WORK SITE. THIS WILL BE PAID ONE (1) TIME PER WORK PERIOD AS DEFINED BY THE CONTRACTOR IN AGREEMENT WITH 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-80) INCLUDED IN THIS ITEM SHALL BE ONE (1) ADDITIONAL UNIT TO BE USED AS A STAND-BY OR REPLACEMENT. THIS STAND-BY UNIT SHALL BE IMMEDIATELY ACCESSIBLE TO REPLACE A DAMAGED, STOLEN OR MALFUNCTIONING UNIT. THE AMOUNT OF TIME BETWEEN THE REMOVAL OF THE DAMAGED UNIT AND THE INSTALLATION OF THE STAND-BY UNIT SHALL BE NO MORE THAN TWENTY-FOUR (24) HOURS.

(TC-84) 540 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 TRAFFIC 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

PAY QUANTITIES

0300 TRAFFIC SIGNAL

ITEM NUMBER		DESCRIPTION		UNIT	259A SOUTH	WHITE PINE	S59A NORTH	TOTAL QUANTITY
802(B)	0324	2" PVC SCH.40 PLASTIC CONDUIT TRENCHED	(TP-1)	LF	85	85	155	325
802(B)	0328	3" PVC SCH.40 PLASTIC CONDUIT BORED	(TP-1)	LF	300	155	400	855
803(A)	1220	PULL BOX(SIZE II)		EA	4	3	4	11
804(A)	2200	STRUCTURAL CONCRETE	(TP-1)	CY	18	10	21	49
804(B)	2300	REINFORCING STEEL	(TP-1)	LB	2500	1245	2900	6,645
805(A)	3256	(PL)REMOVAL OF TRAFFIC SIGNAL EQUIPMENT	(2,3)(TR-24,27)	LSUM	-	-	-	1
806(A)	4248	32'MH POLE 35'TS & 10'LMA(G.STL.)		EA	2	-	-	2
806(A)	4252	32'MH POLE 40'TS & 10'LMA(G.STL.)		EA	-	-	1	1
806(A)	4256	32'MH POLE 45'TS & 10'LMA(G.STL.)		EA	1	-	2	3
806(A)	4264	32'MH POLE,55'TS & 10'LMA(G.STL.)		EA	-	1	-	1
806(B)	4408	10'MTG.HT.,TS PED.POLE(G.STL.)		EA	2	3	3	8
806(B)	4420	15'MTG.HT.,TS PED.POLE(G.STL.)		EA	1	2	1	4
809(A)	7200	ROADWAY LUMINAIRE		EA	3	-	3	6
811	9120	1/C NO.6 ELECT.COND.	(1)(TP-1)	LF	25	25	25	75
811	9130	1/C NO.10 ELECT.COND.	(4)(TP-1)	LF	620	65	540	1,225
828	0110	(PL)DETECTION SYSTEM (RADAR)		LSUM	-	-	-	1
830	2100	PEDESTRIAN PUSH BUTTON		EA	4	6	4	14
831	3116	1WAY2SEC.ADJ.PED.SIG.HD.S-20	(5)	EA	4	6	4	14
831	3144	1WAY4SEC.ADJ.SIG.HD.S-13	(5)	EA	-	2	-	2
831	3148	1WAY4SEC.ADJ.SIG.HD.S-16	(5)	EA	2	4	2	8
833	5100	BACKPLATE		EA	2	6	2	10
834(A)	6205	5/C TRAFFIC SIGNAL ELECTRICAL CABLE	(TP-1)	LF	1130	1925	1300	4,355
834(A)	6210	7/C TRAFFIC SIGNAL ELECTRICAL CABLE	(TP-1)	LF	175	1340	400	1,915
834(A)	6215	9/C TRAFFIC SIGNAL ELECTRICAL CABLE	(TP-1)	LF	-	-	160	160
834(A)	6235	21/C TRAFFIC SIGNAL ELECTRICAL CABLE	(TP-1)	LF	670	-	375	1,045
834(B)	6300	2/C SHIELDED LOOP DETECTOR LEAD-IN CABLE		LF	238	238	238	714
850(C)	1400	MAST ARM MOUNTED SIGNS(ALUM.)		SF	45	-	45	90

PAY QUANTITIES

0301 TRAFFIC SIGNING & STRIPING

ITEM NUMBER		DESCRIPTION		UNIT	TOTAL QUANTITY
805(A)	3252	(PL)REMOVAL OF EXISTING SIGNS	(TS-41)	EA	3
805(D)	3528	(PL)REMOVE & RESET EXISTING SIGNS		EA	22
850(A)	1200	SHEET ALUMINUM SIGNS	(TS-33,34)	SF	1,583
851(C)	2430	2 1/2" SQUARE TUBE POST	(TS-33)	LF	1,477
856(A)	8204	TRAFFIC STRIPE(MULTI-POLY.)(6" WIDE)	(TS-25)	LF	39,930
856(A)	8212	TRAFFIC STRIPE(MULTI-POLY)(12" WIDE)	(TS-27)	LF	2,470
856(A)	8216	TRAFFIC STRIPE(MULTI-POLY.)(24" WIDE)	(TS-28)	LF	1,142
856(B)	8304	TRAFFIC STRIPE(MULTI-POLY.)(ARROWS)		EA	50
856(B)	8308	TRAFFIC STRIPE(MULTI-POLY.)(SYMBOLS)	(6)	EA	16

PAY QUANTITIES

0302 TRAFFIC CONTROL

ITEM NUMBER		DESCRIPTION		UNIT	TOTAL QUANTITY
857(A)	9200	CONSTRUCTION TRAFFIC STR.(PAINT)(4" WIDE)	(TC-16,17,20,21,61,75)	LF	72,054
857(F)	9700	PAVEMENT MRKNG.REMOVAL (TRAF.STRP)	(TC-22,61)	LF	90,323
858(A)	0224	PAVE.MARKERS CLASS A TYPE 2-C	(TC-20,21,61)	EA	342
858(A)	0228	PAVE.MARKERS CLASS A TYPE 2-D	(TC-20,21,61)	EA	689
871(B)	2300	CONST.ZONE IMPACT ATTEN.	(TC-52,84)	SD	9,780
877(B)	4300	DELIVER PORTABLE LONGITUDINAL BARRIER	(TC-1,2)	LF	15,538
877(C)	4400	RELOCATION OF PORT. LONGITUDINAL BARRIER	(TC-1,2)	LF	14,755
880(B)	6300	CONSTRUCTION SIGNS 0 TO 6.25 SF	(TC-28,33,84)	SD	10,710
880(B)	6310	CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF	(TC-29,33,84)	SD	8,310
880(B)	6320	CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF	(TC-30,33,84)	SD	3,900
880(C)	6410	CONSTRUCTION BARRICADES(TYPE III)	(TC-39,84)	SD	6,120
880(E)	6600	WARNING LIGHTS(TYPE A)	(TC-26,39,84)	SD	16,566
880(F)	6700	DRUMS	(TC-26,39,84)	SD	64,860
880(L)	7310	(SP) TRAFFIC SURVEILLANCE, OHP (NON-BID)	(TC-65)	HOUR	1,500
882(A)	8210	PORT.CHANGEABLE MESSAGE SIGN	(7,8)(TC-39,52,80,84,85)	SD	1,020

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		SUMMARY OF PAY QUANTITIES AND NOTES (TRAFFIC)
APPROVED		
SQUAD		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. AT01

7/9/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

SUMMARY OF TRAFFIC STRIPING

LOCATION				856(A)8204		856(A)8212		856(A)8216	856(B)8304	856(B)8308
				TRAFFIC STRIPE (MULTI-POLY.) (6" WIDE)		TRAFFIC STRIPE (MULTI-POLY.) (12" WIDE)		TRAFFIC STRIPE (MULTI-POLY.) (24" WIDE)	TRAFFIC STRIPE (MULTI-POLY.) (ARROW)	TRAFFIC STRIPE (MULTI-POLY.) (SYMBOLS)
SHEET	STATION	TO	STATION	LF		LF	LF	LF	EA	EA
				WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE	WHITE
T036	319+25.00	TO	330+00.00	2,100	3,700	-	600	-	2	1
	330+00.00	TO	345+00.00	1,750	3,600	-	200	240	7	-
T037	345+00.00	TO	360+00.00	1,000	2,600	-	-	-	4	-
	360+00.00	TO	375+00.00	750	3,000	-	-	-	-	-
T038	375+00.00	TO	390+00.00	950	2,700	-	-	-	3	-
	390+00.00	TO	405+00.00	1,100	2,700	-	-	50	7	-
T039	405+00.00	TO	420+00.00	1,850	2,780	700	120	420	14	8
	420+00.00	TO	435+00.00	1,950	2,750	-	50	22	9	-
T040	435+00.00	TO	446+00.00	2,250	2,400	600	200	410	6	8
			SUBTOTAL:	13,700	26,230	1,300	1,170	-	-	-
			TOTAL:	39,930		2,470		1,142	50	16

SUMMARY OF TRAFFIC PHASING

ITEM NO		DESCRIPTION	UNITS	PHASE 2 150 DAYS	PHASE 3 150 DAYS	PHASE 4 120 DAYS	PHASE 5 90 DAYS	TOTAL 600 DAYS
857(A)	9200	CONSTRUCTION TRAFFIC STR.(PAINT)(4" WIDE)	LF	-	36,323	35,731	-	72,054
857(F)	9700	PAVEMENT MRKNG.REMOVAL(TRAF.STRP)	LF	54,000	36,323	-	-	90,323
858(A)	0224	PAVE.MARKERS CLASS A TYPE 2-C	EA	-	177	165	-	342
858(A)	0228	PAVE.MARKERS CLASS A TYPE 2-D	EA	-	343	346	-	689
871(B)	2300	CONST.ZONE IMPACT ATTEN.	SD	3,900	3,300	1,680	900	9,780
877(B)	4300	DELIVER PORTABLE LONGITUDINAL BARRIER	LF	11,303	4,235	-	-	15,538
877(C)	4400	RELOCATION OF PORT. LONGITUDINAL BARRIER	LF	-	11,303	2,015	1,437	14,755
880(B)	6300	CONSTRUCTION SIGNS 0 TO 6.25 SF	SD	1,800	2,850	4,800	1,260	10,710
880(B)	6310	CONSTRUCTION SIGNS 6.26 SF TO 15.99 SF	SD	2,550	2,400	1,920	1,440	8,310
880(B)	6320	CONSTRUCTION SIGNS 16.0 SF TO 32.99 SF	SD	1,500	1,500	-	900	3,900
880(C)	6410	CONSTRUCTION BARRICADES(TYPE III)	SD	-	-	6,120	-	6,120
880(E)	6600	WARNING LIGHTS(TYPE A)	SD	6	2,100	13,920	540	16,566
880(F)	6700	DRUMS	SD	21,450	16,650	26,760	-	64,860
880(L)	7310	(SP) TRAFFIC SURVEILLANCE, OHP (NON-BID)	HOUR	375	375	375	375	1,500
882(A)	8210	PORT.CHANGEABLE MESSAGE SIGN	SD	300	300	240	180	1,020

7/9/2024

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			SUMMARY TABLES (TRAFFIC)
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. AT02

REVISIONS		
REV. NO.	DESCRIPTION	DATE

U.S. ARMY CORPS OF ENGINEERS SECTION 404 PERMIT CONDITIONS

404 PERMIT INFORMATION

NATIONWIDE PERMIT NO. 14

☐ TO BE PROVIDED AT A LATER DATE

SECTION 404 OF THE CLEAN WATER ACT REQUIRES PRIOR AUTHORIZATION FROM SECRETARY OF THE ARMY (CORPS) FOR THE DISCHARGE OF DREDGED OR FILL MATERIAL INTO WATERS OF THE UNITED STATES.

☑ NO PRE-CONSTRUCTION NOTIFICATION REQUIRED: PROJECT DOES NOT REQUIRE NOTIFICATION TO THE US ARMY CORPS OF ENGINEERS (USACE) IN ORDER TO COMMENCE.

☐ PRE-CONSTRUCTION NOTIFICATION REQUIRED: RESIDENT ENGINEER MUST NOTIFY THE USACE WITHIN 30 DAYS OF THE START OF CONSTRUCTION AND 30 DAYS PRIOR TO COMPLETION OF CONSTRUCTION, FORMS LOCATED IN THE CONTRACT.

☐ INDIVIDUAL PERMIT: WILL BE MONITORED CLOSELY BY THE USACE.

☐ GENERAL PERMIT: PROJECT WITHIN A DESIGNATED CRITICAL RESOURCE WATER AND WILL REQUIRE PRE-CONSTRUCTION NOTIFICATION SEE ABOVE FOR EXPLANATION OF PRE-CONSTRUCTION NOTIFICATION.

☐ NO PERMIT REQUIRED

SWT TRACKING NO. N/A

SPECIAL CONDITIONS

PERMIT GENERAL CONDITIONS

THE CONTRACTOR SHALL BE RESPONSIBLE BUT NOT LIMITED TO THE FOLLOWING HIGHLIGHTS OF THE 404 PERMIT (SEE CONTRACT FOR COMPLETE LIST):

TEMPORARY FILLS:

APPROPRIATE MEASURES MUST BE TAKEN TO MAINTAIN NORMAL DOWNSTREAM FLOWS AND MINIMIZE FLOODING TO THE MAXIMUM EXTENT PRACTICABLE, WHEN TEMPORARY STRUCTURES (WORK ROADS, WORK PADS, ETC.,) WORK, AND DISCHARGES, INCLUDING COFFERDAMS, ARE NECESSARY FOR CONSTRUCTION ACTIVITIES, ACCESS FILLS, OR DE WATERING OF CONSTRUCTION SITES. TEMPORARY FILLS MUST CONSIST OF MATERIALS, AND BE PLACED IN A MANNER, THAT WILL NOT BE ERODED BY EXPECTED HIGH FLOWS. TEMPORARY FILLS MUST BE REMOVED IN THEIR ENTIRETY AND THE AFFECTED AREAS RETURNED TO PRE-CONSTRUCTION ELEVATIONS. THE AREAS AFFECTED BY TEMPORARY FILLS MUST BE RE VEGETATED, AS APPROPRIATE.

NAVIGATION:

NO ACTIVITY MAY CAUSE MORE THAN A MINIMAL ADVERSE EFFECT ON NAVIGATION WITHIN A NAVIGABLE WATER OF THE U.S. IF THIS PROJECT IS LOCATED WITHIN A NAVIGABLE WATER OF THE U.S., IT WILL BE IDENTIFIED IN THE SPECIAL CONDITIONS.

AQUATIC LIFE MOVEMENTS & ADVERSE EFFECTS FROM IMPOUNDMENTS:

NO ACTIVITY MAY LARGELY DISRUPT THE NECESSARY LIFE CYCLE MOVEMENTS OF THOSE SPECIES INDIGENOUS TO THE BODY OF WATER, INCLUDING THOSE SPECIES THAT NORMALLY MIGRATE THROUGH THE AREA. CULVERTS WILL BE DESIGNED TO PROVIDE SUFFICIENT PASSAGE FOR AQUATIC LIFE AND INSTALLED TO MAINTAIN LOW FLOW. RATE OF FLOW CANNOT BE MADE HIGHER THAN WHAT WAS PRIOR TO THE START OF CONSTRUCTION. EROSION CONTROL MEASURES SHOULD BE UTILIZED AROUND THE PERIMETER OF NEW STRUCTURES TO AVOID SILT BUILD UP. CAUTION SHOULD BE TAKEN TO MINIMIZE HARM IF CONSTRUCTION ACTIVITIES TAKE PLACE WITHIN A STREAM OR RIVER CHANNEL AND CREATE A CONFINED BODY OF WATER, CAUSE ADVERSE EFFECTS TO THE AQUATIC SYSTEM IN ANY WAY, AND/OR RESTRICTING ITS FLOW.

MANAGEMENT OF WATER FLOWS:

CONSTRUCTION ACTIVITIES MAY NOT IMPEDE THE PASSAGE OF NORMAL OR HIGH FLOWS. TO THE GREATEST EXTENT POSSIBLE, THE PRE- CONSTRUCTION COURSE, CONDITIONS,CAPACITY AND LOCATION OF OPEN WATERS MUST BE MAINTAINED. THIS INCLUDES STREAM CANALIZATION AND STORM WATER MANAGEMENT.

SUITABLE MATERIAL:

NO ACTIVITY MAY USE UNSUITABLE MATERIAL (E.G., TRASH, DEBRIS, CAR BODIES, ASPHALT, ETC.). MATERIALS USED FOR CONSTRUCTION OR DISCHARGED MUST BE FREE FROM TOXIC POLLUTANTS IN TOXIC AMOUNTS (SEE SECTION 307 OF CLEAN WATER ACT).

PROPER MAINTENANCE:

ANY AUTHORIZED STRUCTURE OR FILL SHALL BE PROPERLY MAINTAINED, INCLUDING MAINTENANCE TO ENSURE PUBLIC SAFETY AND COMPLIANCE WITH APPLICABLE NATION WIDE PERMIT GENERAL CONDITIONS, AS WELL AS ANY ACTIVITY- SPECIFIC CONDITIONS ADDED BY THE DISTRICT ENGINEER TO AN NATIONWIDE PERMIT AUTHORIZATION

HAZARDOUS MATERIALS:

HAZARDOUS MATERIALS, CHEMICALS, FUELS, LUBRICATING OILS AND OTHER SUCH SUBSTANCES SHOULD BE STORED AWAY FROM ANY STREAM OR RIVERCHANNEL (SEE SECTION 307 OF CLEAN WATER ACT)

EQUIPMENT:

HEAVY EQUIPMENT WORKING IN WETLANDS OR MUDFLATS MUST BE PLACED ON MATS, OR OTHER MEASURES MUST BE TAKEN TO MINIMIZE SOIL DISTURBANCE; FOR EXAMPLE IF WETLANDS ARE PRESENT WITHIN THE CONSTRUCTION, THE FOOTPRINT WILL BE SHOWN ON THE PLANS. MEASURES SHOULD BE TAKEN TO PREVENT DISCHARGE INTO ANY WATERS OF THE STATE (e.g. CONCRETE WASHOUT).

SOIL EROSION AND SEDIMENT CONTROLS:

APPROPRIATE SOIL EROSION AND SEDIMENT CONTROLS MUST BE USED AND MAINTAINED IN EFFECTIVE OPERATING CONDITION DURING CONSTRUCTION, AND ALL EXPOSED SOILS AND OTHER FILLS, AS WELL AS ANY WORK WITHIN STREAM OR RIVER CHANNELS OR BANKS, MUST BE PERMANENTLY STABILIZED AS SOON AS POSSIBLE.

404 COMPLIANCE:

IN ORDER TO REMAIN COMPLIANT WITH THE 404 PERMIT, THE PROJECT MUST COMPLY WITH ALL FEDERAL ENVIRONMENTAL PROTECTION LAWS ASSOCIATED AND, THE ENVIRONMENTAL COMMITMENTS AS SHOWN ON THE PLANS. THIS INCLUDES BUT IS NOT LIMITED TO COMPLIANCE WITH ALL ENVIRONMENTAL NOTES IN THE PLANS, INCLUDING CULTURAL RESOURCES, HAZARDOUS WASTE, BIOLOGICAL FOR PROTECTED SPECIES, AND DEQ STORM WATER REGULATIONS AS THEY PERTAIN TO THE SWMP SHEET WITHIN THE PLANS. ALL OF THE 404 PERMIT GENERAL AND SPECIFIC CONDITIONS MUST BE ADHERED TO. A COPY OF THESE CONDITIONS CAN BE FOUND IN THE CONTRACT WITH THE 404 PERMIT.

PERMIT GENERAL CONDITIONS

FUELING:

ALL FUELING AND SERVICING OF VEHICLES AND EQUIPMENT SHALL BE DONE ABOVE THE ORDINARY HIGH WATER MARK (OHWM).

MATERIAL STORAGE:

STORE MATERIAL AND FUEL OUTSIDE OF THE ORDINARY HIGH WATER MARK OR ANY AREA LIKELY TO FLOOD.

DEBRIS STORAGE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ANY MATERIALS, DEBRIS, OR REFUSE WHICH HAS FALLEN INTO ANY STREAM OR RIVER CHANNELS RESULTING FROM THE EXECUTION OF THE PROJECT AS SOON AS POSSIBLE

SEE NATIONWIDE PERMIT 14 IN THE CONTRACT

401 CERTIFICATION CONDITIONS

THE CONTRACTOR SHALL BE RESPONSIBLE BUT NOT LIMITED TO THE FOLLOWING HIGHLIGHTS OF THE 401 CERTIFICATION (SEE CONTRACT FOR COMPLETE LIST):

☑ ALL SPILLS OF FUEL OR POLLUTANTS IN EXCESS OF FIVE GALLONS SHALL BE REPORTED TO ODEQ WITHIN 24 HRS AND REPORTED TO POLLUTION PREVENTION HOTLINE (1-800-522-0206)

☑ ALL FUELING AND SERVICING OF VEHICLES AND EQUIPMENT SHALL BE DONE OUTSIDE THE ORDINARY HIGH WATER MARK

☑ THE PERMITTEE SHALL PROVIDE ACCESS TO THE PROPERTY TO ODEQ FOR INSPECTIONS.

☑ ANY STOCKPILE SHALL BE ABOVE ORDINARY HIGH WATER MARK AND REMOVED FROM LIKELY FLOOD ZONE

☑ BEST MANAGEMENT PRACTICES SHOULD BE USED TO CONTROL SOIL EROSION AND MAINTAIN COMPLIANCE WITH WATER QUALITY STANDARDS.

☑ FOR ANY PROJECT THAT INVOLVES BANK STABILIZATION, THE PERMITTEE SHALL CONSIDER INSTALLING BIOENGINEERING PRACTICES IN PLACE OF STRUCTURAL PRACTICES (RIPRAP) TO MINIMIZE IMPACTS TO AQUATIC RESOURCES

SECTION 404 PERMIT COMPLIANCE

DETAIL		
REVIEW		
APPROVED		
ENVIRONMENTAL DIVISION		

STATE OF OKLAHOMA | DEPARTMENT OF TRANSPORTATION

JOB PIECE NO. 34333(08) | SHEET NO. E001

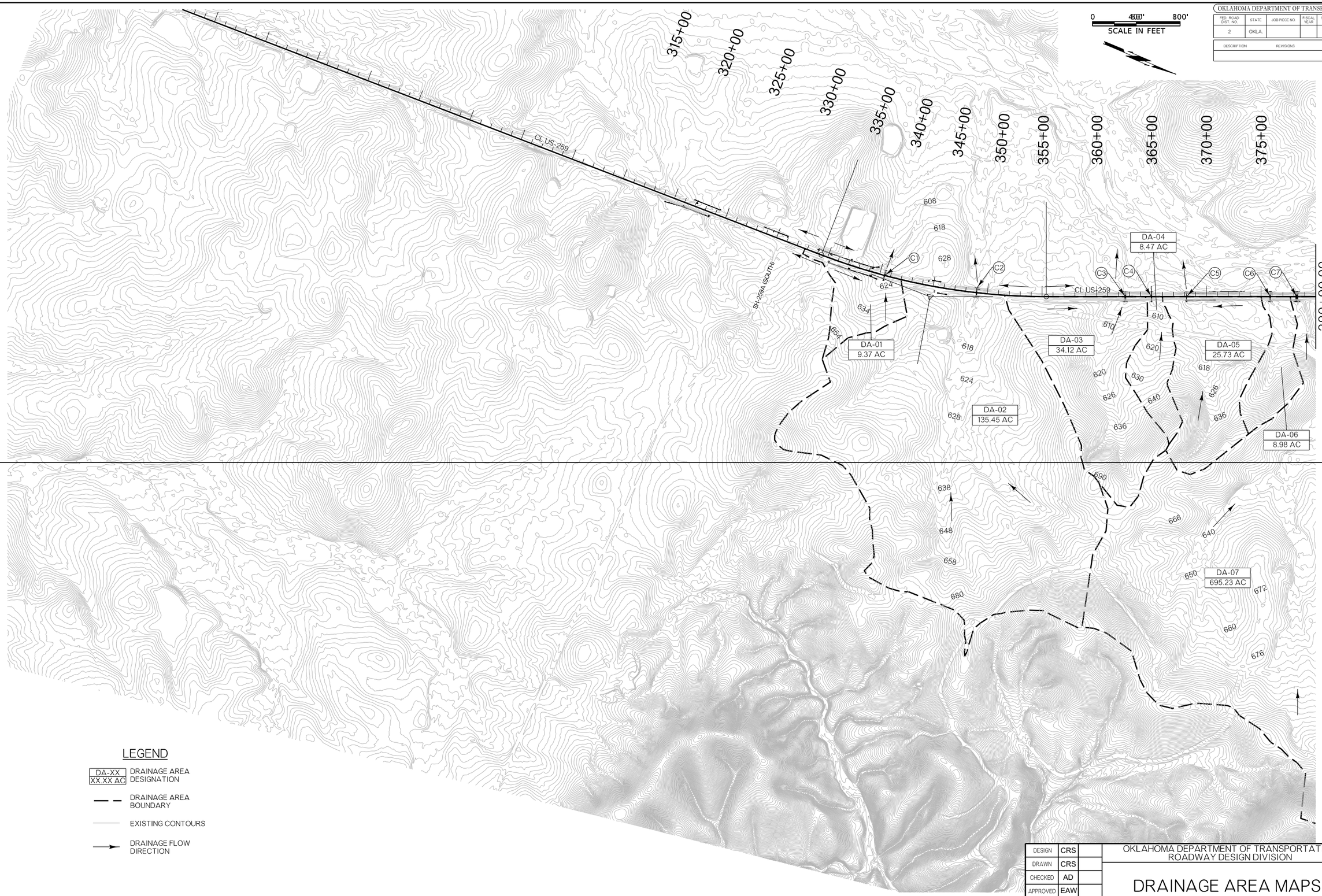
Revised 2/14/2017

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 400' 800'
SCALE IN FEET



LEGEND

- DA-XX / XX.XX AC — DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY
- EXISTING CONTOURS
- DRAINAGE FLOW DIRECTION

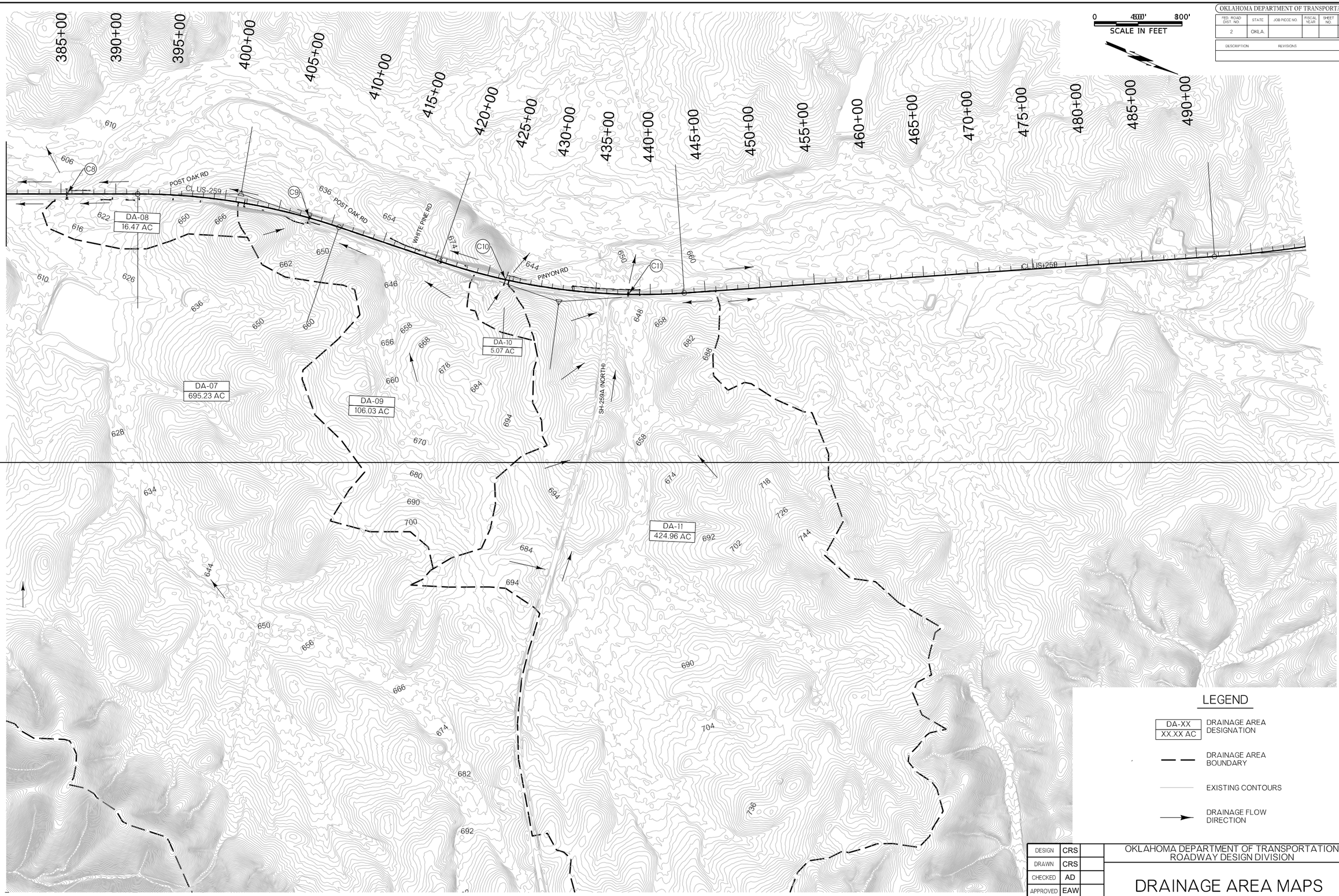
DESIGN	CRS	
DRAWN	CRS	
CHECKED	AD	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

DRAINAGE AREA MAPS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R001

7/2/2024



OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

LEGEND

- DA-XX / XX.XX AC — DRAINAGE AREA DESIGNATION
- DRAINAGE AREA BOUNDARY
- EXISTING CONTOURS
- DRAINAGE FLOW DIRECTION

DESIGN	CRS	
DRAWN	CRS	
CHECKED	AD	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

DRAINAGE AREA MAPS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R002

7/2/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

DRAINAGE STRUCTURE DESIGN RECORD - CROSSING CULVERTS

STRUCTURE NUMBER	CL STATION	STRUCTURE SIZE & TYPE	DRAINAGE AREA		LENGTH OF DRAINAGE AREA		SLOPE OF DRAINAGE AREA		ANTICIPATED FUTURE LAND USE	SLOPE OF DRAINAGE AREA	"C" RUNOFF COEFFICIENT	TC TIME OF CONCENTRATION	INTENSITY OF DESIGN YEAR RAINFALL AND CHECK YEAR RAINFALL			DESIGN YEAR DISCHARGE AND CHECK YEAR DISCHARGE			STRUCTURE LENGTH	FL INLET	FL OUTLET	ALLOWABLE HEADWATER			DESIGN TAILWATER			STRUCTURE SLOPE	OUTLET VELOCITY			TYPE OF HYDRAULIC OUTLET TREATMENT
			NUMBER	ACRE	OVERLAND	CHANNEL	OVERLAND	CHANNEL					INCHES PER HOUR			CUBIC FEET PER SEC						FEET			FEET				FT./SEC.			
					LF	LF	%	%		%		MIN	I10	I50	I100	Q10	Q50	Q100	FT	ELEV	ELEV	Q10	Q50	Q100	Q10	Q50	Q100	FT/FT %	Q10	Q50	Q100	OUTLET
C1	340+44.92	48" CMP	DA-01	9.37	853.39	1949.00	12.7	1.9	Woodland	7.3	0.20	30.4	3.76	4.90	5.48	7.04	11.02	12.84	92.00	620.98	619.27	622.20	622.52	622.64	619.83	619.98	620.04	1.86	5.1	5.5	6.0	NATURAL
C2	349+00.00	4'x4' RCB	DA-02	135.45	505.20	412.76	5.5	3.6	Woodland	4.5	0.20	19.9	4.69	6.08	6.78	127.04	197.52	229.42	92.00	609.95	609.34	614.27	616.31	617.48	611.56	612.06	612.25	0.66	10.3	11.4	11.8	RIPRAP
C3	362+61.00	6'x5' RCB	DA-03	34.12	714.35	2797.59	6.6	1.7	Woodland	4.2	0.20	36.4	3.39	4.43	4.96	23.11	36.25	42.27	92.00	602.49	601.70	603.80	604.26	604.45	602.76	603.02	603.12	0.86	7.2	8.3	8.7	RIPRAP
C4	365+00.00	24" RCP	DA-04	8.47	475.71	1832.76	4.5	3.3	Woodland	3.9	0.20	27.3	3.99	5.19	5.80	6.75	10.55	12.28	92.00	604.87	604.07	606.29	606.74	606.95	604.61	604.76	604.81	0.87	6.2	7.0	7.3	RIPRAP
C5	368+20.00	24" RCP	DA-05	25.73	681.30	794.50	8.6	3.2	Woodland	5.9	0.20	22.6	4.40	5.72	6.38	22.67	35.31	41.05	92.00	601.36	599.16	604.42	606.96	608.56	600.14	600.39	600.49	2.39	11.3	12.6	12.1	RIPRAP
C6	375+83.00	4'X3' RCB	DA-06	8.98	759.00	1040.48	6.1	2.6	Woodland	4.4	0.20	26.3	4.06	5.28	5.91	7.29	11.39	13.26	92.00	601.70	600.00	600.95	601.25	601.37	600.49	600.62	600.67	1.85	3.2	3.6	3.8	NATURAL
C7	378+27.00	2-8'X7' RCB	DA-07	695.23	327.06	1053.70	9.4	2.9	Woodland	6.1	0.20	19.8	4.70	6.09	6.79	653.95	1016.68	1180.79	92.00	601.36	599.51	604.72	605.90	606.38	603.36	604.19	604.50	2.01	4.3	4.8	5.0	NATURAL
C8	385+53.10	4'X3' RCB	DA-08	16.47	1452.50	10632.77	8.1	1.1	Woodland	4.6	0.20	82.7	2.03	2.68	3.00	6.69	10.57	12.34	92.00	611.46	609.75	612.61	613.01	613.18	610.82	611.09	611.19	1.86	8.0	9.2	9.5	RIPRAP
C9	407+87.00	8'X7' RCB	DA-09	106.03	868.85	784.83	5.8	0.7	Asphalt	3.3	0.40	30.0	3.78	4.93	5.52	158.58	248.06	288.97	92.00	634.79	633.95	638.19	639.36	639.84	636.65	637.25	637.47	0.91	10.8	12.2	12.7	RIPRAP
C10	426+67.20	24" RCP	DA-10	5.07	1073.54	2314.02	3.5	1.4	Woodland	2.5	0.20	41.0	3.16	4.13	4.63	3.20	5.03	5.87	98.00	659.28	652.94	660.34	660.69	660.82	653.40	653.53	653.58	6.47	12.0	13.6	14.2	RIPRAP
C11	437+97.00	10'x8' RCB	DA-11	424.96	487.60	201.30	7.6	2.6	Neighborhood areas	5.1	0.33	17.6	4.98	6.44	7.17	690.11	1070.83	1242.33	92.00	644.08	643.62	649.62	651.42	652.25	647.89	648.79	649.14	0.50	7.6	10.0	14.4	RIPRAP

DRAINAGE STRUCTURE DESIGN RECORD - INLETS

STRUCTURE NUMBER	STATION, OFFSET	INLET TYPE	DESCRIPTION	DESIGN YEAR	DRAINAGE AREA	AREA (ACRE)	C VALUE	Tc (MINUTES)	INTENSITY (IN/HR)	FLOW RATE INITIAL (Qi) (CFS)	GRADE "S" (ft/ft)	CROSS SLOPE "Sx" (ft/ft)	CARRY OVER (CFS)	SUM Q AT INLETS (CFS)	DEPTH AT INLET (FT)	SPREAD AT INLET (FT)	BYPASS(CFS)	BYPASS TO INLET	COMMENTS
A-01	321+00.00, 33' RT.	On Grade CI	DESIGN 2(C)	10	DA-A1	0.22	0.85	10.0	6.3	1.19	0.032	0.02	0.81	2.00	0.14	6.99	0.50		
A-02	323+50.00, 33' RT.	On Grade CI	DESIGN 3(STD.)	10	DA-A2	0.66	0.85	10.0	6.3	3.54	0.028	0.02	0.00	3.54	0.18	8.90	0.81	A-01	
B-01	322+10.00, 33' LT.	On Grade CI	DESIGN 3(STD.)	10	DA-B1	0.92	0.85	10.0	6.3	4.96	0.027	0.02	0.00	4.96	0.20	10.11	1.35		
C-01	329+55.00, 38.67' LT.	SMD	TYPE 1	50	DA-C1	0.29	0.85	10.0	8.1	2.02	0.015	0.02	0.00	2.02	0.05	-	-		
C-02	330+92.00, 38.67' LT.	SMD	TYPE 1	50	DA-C2	0.33	0.85	10.0	8.1	2.29	0.010	0.02	0.00	2.29	0.10	-	-		
D-01	339+25.00, 33' LT.	On Grade CI	DESIGN 2(D)	10	DA-D1	0.46	0.85	10.0	6.3	2.47	0.020	0.02	1.32	3.78	0.19	9.71	1.15	F-01	
D-02	337+15.00, 54' LT.	CDI RCP	1	50	DA-D2	0.95	0.85	10.0	8.1	6.54	0.050	0.02	0.00	6.54	0.18	-	0.84		
D-03	335+25.00, 33' LT.	On Grade CI	DESIGN 2(C)	10	DA-D3	0.34	0.85	10.0	6.3	1.80	0.016	0.02	2.11	3.91	0.20	10.20	1.32	D-01	
D-04	334+00.00, 33' LT.	On Grade CI	DESIGN 2(C)	10	DA-D4	0.88	0.85	10.0	6.3	4.73	0.037	0.02	0.00	4.73	0.19	9.40	2.11	D-03	
E-01	339+25.00, 33' RT.	On Grade CI	DESIGN 2(D)	10	DA-E1	0.46	0.85	10.0	6.3	2.48	0.015	0.02	0.82	3.30	0.19	9.67	0.83		
E-02	337+15.00, 33' RT.	On Grade CI	DESIGN 3(STD.)	10	DA-E2	0.60	0.85	10.0	6.3	3.24	0.024	0.02	0.43	3.68	0.18	9.25	0.82	E-01	
E-03	335+25.00, 33' RT.	On Grade CI	DESIGN 1(C)	10	DA-E3	0.34	0.85	10.0	6.3	1.84	0.004	0.02	0.00	1.84	0.20	9.84	0.43	E-02	
F-01	344+50.00, 33' LT.	On Grade CI	CONC. FLUME	10	DA-F1	0.41	0.85	10.0	6.3	2.22	0.009	0.02	1.15	3.37	0.21	10.76	2.66	F-02	SEE RIPRAP AND FLUME SUMMARY
F-02	349+20.00, 33' LT.	Sump CI	DESIGN 3(STD.)	50	DA-F2	0.56	0.85	10.0	8.1	3.85	0.014	0.02	2.66	6.51	0.25	12.76	-		
G-01	345+20.00, 33' RT.	On Grade CI	CONC. FLUME	10	DA-G1	0.45	0.85	10.0	6.3	2.42	0.009	0.02	0.00	2.42	0.19	9.62	1.82	G-02	SEE RIPRAP AND FLUME SUMMARY
G-02	349+20.00, 33' RT.	Sump CI	DESIGN 3(STD.)	50	DA-G2	0.51	0.85	10.0	8.1	3.52	0.014	0.02	1.82	5.34	0.23	11.80	-		
H-01	362+61.00, 33' LT.	On Grade CI	DESIGN 2(B)	10	DA-H1	0.61	0.85	11.2	6.1	3.16	0.009	0.02	0.00	3.16	0.21	10.60	0.89	H-02	
H-02	368+20.00, 33' LT.	On Grade CI	DESIGN 2(C)	10	DA-H2	0.49	0.85	10.0	6.3	2.61	0.010	0.02	0.89	3.49	0.21	10.62	0.94	H-03	
H-03	370+75.00, 33' LT.	Sump CI	DESIGN 3(STD.)	50	DA-H3	0.80	0.85	10.0	8.1	5.47	0.006	0.02	1.51	6.98	0.30	15.32	-		
H-04	375+83.00, 33' LT.	On Grade CI	DESIGN 2(B)	10	DA-H4	0.23	0.85	10.0	6.3	1.21	0.013	0.02	1.02	2.23	0.17	8.67	0.57	H-03	
H-05	378+32.00, 33' LT.	On Grade CI	DESIGN 2(C)	10	DA-H5	0.52	0.85	10.0	6.3	2.82	0.009	0.02	1.00	3.82	0.23	11.32	1.02	H-04	
H-06	385+53.00, 33' LT.	On Grade CI	DESIGN 2(STD.)	10	DA-H6	0.15	0.85	10.0	6.3	0.81	0.020	0.02	1.58	2.39	0.16	8.17	1.00	H-05	
H-07	387+60.00, 33' LT.	On Grade CI	DESIGN 3(STD.)	10	DA-H7	1.11	0.85	10.3	6.3	5.90	0.021	0.02	0.00	5.90	0.23	11.33	1.58	H-06	
I-01	362+61.00, 33' RT.	On Grade CI	DESIGN 2(C)	10	DA-I1	0.81	0.85	11.3	6.0	4.14	0.009	0.02	0.00	4.14	0.23	11.74	1.14	I-02	
I-02	368+20.00, 33' RT.	On Grade CI	DESIGN 2(C)	10	DA-I2	0.49	0.85	10.0	6.3	2.61	0.010	0.02	1.14	3.75	0.22	10.90	1.06	I-03	
I-03	370+75.00, 33' RT.	Sump CI	DESIGN 3(STD.)	50	DA-I3	0.61	0.85	10.0	8.1	4.22	0.006	0.02	1.75	5.97	0.29	14.45	-		
I-04	375+83.00, 33' RT.	On Grade CI	DESIGN 2(B)	10	DA-I4	0.23	0.85	10.0	6.3	1.21	0.013	0.02	1.30	2.51	0.18	9.07	0.69	I-03	
I-05	378+32.00, 33' RT.	On Grade CI	DESIGN 2(D)	10	DA-I5	0.52	0.85	10.0	6.3	2.82	0.020	0.02	1.24	4.06	0.20	9.94	1.30	I-04	
I-06	385+53.00, 33' RT.	On Grade CI	DESIGN 3(STD.)	10	DA-I6	0.34	0.85	10.0	6.3	1.80	0.020	0.02	3.27	5.07	0.21	10.80	1.24	I-05	
I-07	389+70.00, 33' RT.	On Grade CI	CONC. FLUME	10	DA-I7	0.17	0.85	10.0	6.3	0.91	0.020	0.02	3.00	3.91	0.20	9.80	3.27	I-06	SEE RIPRAP AND FLUME SUMMARY
I-08	392+15.00, 33' RT.	On Grade CI	CONC. FLUME	10	DA-I8	0.23	0.85	10.0	6.3	1.22	0.054	0.02	2.28	3.49	0.16	7.82	3.00	I-07	SEE RIPRAP AND FLUME SUMMARY
I-09	395+25.00, 33' RT.	On Grade CI	CONC. FLUME	10	DA-I9	0.20	0.85	10.0	6.3	1.09	0.003	0.02	2.11	3.20	0.26	13.21	2.28	I-08	SEE RIPRAP AND FLUME SUMMARY
I-10	397+75.00, 33' RT.	On Grade CI	CONC. FLUME	10	DA-I10	0.52	0.85	10.0	6.3	2.80	0.007	0.02	0.00	2.80	0.21	10.62	2.11	I-09	SEE RIPRAP AND FLUME SUMMARY
J-01	406+60.00, 67' RT.	SMD	TYPE 1	50	DA-J1	1.92	0.85	10.0	8.1	13.18	0.054	0.02	0.00	13.18	0.44	-	-		SEE PAGE: R030
J-02	403+55.00, 33' RT.	On Grade CI	DESIGN 2(B)	10	DA-J2	0.45	0.85	10.0	6.3	2.42	0.003	0.02	0.00	2.42	0.24	11.90	0.32	J-03	
J-03	401+80.00, 33' RT.	Sump CI	DESIGN 2(B)	50	DA-J3	0.51	0.85	10.0	8.1	3.53	0.007	0.02	0.32	3.85	0.24	11.97	-		
J-04	401+80.00, 33' LT.	Sump CI	DESIGN 2(STD.)	50	DA-J4	0.47	0.85	10.0	8.1	3.23	0.003	0.02	0.00	3.23	0.26	13.11	-		
K-01	408+90.00, 33' LT.	Sump CI	DESIGN 3(STD.)	50	DA-K1	0.94	0.85	10.0	8.1	6.44	0.017	0.02	0.59	7.03	0.25	12.67	-		
L-01	408+90.00, 33' RT.	Sump CI	DESIGN 3(STD.)	50	DA-L1	0.94	0.85	10.0	8.1	6.48	0.019	0.02	1.48	7.96	0.26	12.89	-		
M-01	418+31.00, 33' LT.	On Grade CI	DESIGN 2(C)	10	DA-M1	0.33	0.85	10.0	6.3	1.76	0.015	0.02	0.71	2.47	0.17	8.70	0.59	K-01	
M-02	420+50.00, 33' LT.	On Grade CI	DESIGN 3(STD.)	10	DA-M2	0.67	0.85	10.0	6.3	3.62	0.014	0.02	0.22	3.84	0.21	10.37	0.71	M-01	
M-03	420+50.00, 6' RT.	On Grade CI	DESIGN 1(D)	10	DA-M3	0.62	0.85	10.0	6.3	3.35	0.089	0.02	0.00	3.35	0.14	7.00	1.48	L-01	
M-04	422+80.00, 33' LT.	On Grade CI	DESIGN 3(STD.)	10	DA-M4	0.38	0.85	10.0	6.3	2.05	0.010	0.02	0.00	2.05	0.17	8.73	0.22	M-02	
N-01	427+35.00, 3.3' LT.	On Grade CI	DESIGN 1(A)	10	DA-N1	0.19	0.85	10.0	6.3	1.05	0.010	0.02	0.00	1.05	0.14	6.82	0.29	O-03	
N-02	428+50.00, 33' LT.	On Grade CI	DESIGN 1(D)	10	DA-N2	0.41	0.85	10.0	6.3	2.18	0.020	0.02	0.00	2.18	0.16	7.89	0.56	O-03	
O-01	436+60.00, 33' LT.	Sump CI	DESIGN 3(STD.)	50	DA-O1	0.78	0.85	10.0	8.1	5.38	0.007	0.02	1.93	7.31	0.30	15.00	-		
O-02	435+25.00, 33' LT.	On Grade CI	DESIGN 2(C)	10	DA-O2	0.40	0.85	10.0	6.3	2.14	0.012	0.02	1.22	3.36	0.20	10.17	0.82	O-01	
O-03	432+85.00, 33' LT.	On Grade CI	DESIGN 2(C)	10	DA-O3	0.55	0.85	10.0	6.3	2.95	0.008	0.02	0.85	3.81	0.23	11.46	0.88	O-02	
O-04	432+85.00, 3.25' LT.	On Grade CI	DESIGN 1(B)	10	DA-O4	0.26	0.85	10.0	6.3	1.37	0.008	0.02	0.00	1.37	0.16	7.86	0.34	O-02	
P-01	439+00.00, 33' LT.	On Grade CI	DESIGN 2(B)	10	DA-P1	0.63	0.85	11.3	6.0	3.21	0.005	0.02	0.00	3.21	0.24	11.95	0.63	O-01	
P-02	439+00.00, 5.9' RT.	On Grade CI	DESIGN 1(B)	10	DA-P2	0.32	0.85	10.0	6.3	1.73	0.005	0.02	0.00	1.73	0.19	9.35	0.48	O-01	

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			DRAINAGE DESIGN RECORD
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R003

7/8/2024

STORM WATER MANAGEMENT PLAN

REVISIONS	
DESCRIPTION	DATE

SITE DESCRIPTION

PROJECT LIMITS: STA 319+25.00 TO STA 446+00.00 ALONG US-259

PROJECT DESCRIPTION: THIS PROJECT CONSISTS OF GRADING, DRAINAGE AND RESURFACING OF US-259 FROM 6.25 MILES NORTH OF SH-3 JUNCTION EXTENDING NORTH 2.39 MILES IN MCCURTAIN COUNTY.

SUGGESTED SEQUENCE OF EROSION CONTROL ACTIVITIES: PRIOR TO INITIATING SOIL DISTURBING ACTIVITIES, THE CONTRACTOR SHALL INSTALL ALL PERIMETER TEMPORARY SEDIMENT CONTROLS SPECIFIED IN THE PLANS AND/OR AS DIRECTED BY THE ENGINEER. STRIP, STOCKPILE AND STABILIZE TOPSOIL. CLEAR AND GRUB ONLY IN NECESSARY AREAS, PRESERVING AS MUCH NATIVE VEGETATION AS POSSIBLE.

SOIL TYPE: CARNASAW-CLEBIT ASSOCIATION 12 TO 20% SLOPES.
SHERWOOD-ZAFRA COMPLEX 5 TO 12% SLOPES.
CEDA GRAVELLY FINE SAND LOAM, 0 TO 2% SLOPES FREQUENTLY FLOODED.

TOTAL AREA OF THE CONSTRUCTION SITE: 43.69 ACRES

ESTIMATED AREA TO BE DISTURBED: 34.88 ACRES

OFFSITE AREA TO BE DISTURBED: N/A
(FOR CONTRACTOR USE)

TOTAL IMPERVIOUS AREA PRE-CONSTRUCTION: 11.48 ACRES

TOTAL IMPERVIOUS AREA POST-CONSTRUCTION: 19.86 ACRES

POST-CONSTRUCTION RUNOFF COEFFICIENT OF THE SITE: 0.25

LATITUDE & LONGITUDE OF CENTER OF PROJECT: 34.13, -94.743611

PROJECT WILL DISCHARGE TO:

NAME OF RECEIVING WATERS: YASHAU "YASHOO" CREEK

SENSITIVE WATERS OR WATERSHEDS: YES ☒ NO ☐

303(d) IMPAIRED WATERS: YES ☒ NO ☐

IF YES, LIST IMPAIRMENT: MACROINVERTEBRATE BIO

LOCATED IN A TMDL: YES ☐ NO ☒

LAKE THUNDERBIRD TMDL: YES ☐ NO ☒

MS4 ENTITY YES ☐ NO ☒

IF YES, LOCATION: _____

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

EROSION AND SEDIMENT CONTROLS

SOIL STABILIZATION PRACTICES:

- ____ TEMPORARY SEEDING
- _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
- _X_ TEMPORARY SILT DIKES
- ____ TEMPORARY FIBER LOG
- ____ DIVERSION, INTERCEPTOR OR PERIMETER DIKES
- ____ DIVERSION, INTERCEPTOR OR PERIMETER SWALES
- ____ ROCK FILTER DAMS
- ____ TEMPORARY SLOPE DRAIN
- _X_ PAVED DITCH W/ DITCH LINER PROTECTION
- ____ TEMPORARY DIVERSION CHANNELS
- ____ TEMPORARY SEDIMENT BASINS
- ____ TEMPORARY SEDIMENT TRAPS
- ____ TEMPORARY SEDIMENT FILTERS
- ____ TEMPORARY SEDIMENT REMOVAL
- _X_ 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:

- ____ HAUL ROADS DAMPENED FOR DUST CONTROL
- ____ LOADED HAUL TRUCKS TO BE COVERED WITH TARPAULIN
- ____ 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

DESIGN		
DRAWN	OJ	
CHECKED	CRS	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

STORM WATER MANAGEMENT PLAN

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R004

N:\FI\Drawings\3. Roadway\R004-3433308-SWMP.dgn

7/7/2024

REVISED 8-1-2022

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

SEC 13
T-5-S, R-24-E

320+00

325+00

330+00.00

PRES. R/W

TOC/TOS

D1

D2

D3

TSF 1A

CL US-259

SEC 18
T-5-S, R-25-E

SEC 13
T-5-S, R-25-E

335+00

340+00

345+00.00

D4

D5

D6

D7

D8

D9

SH-259A (SOUTH)

LEGEND

TSF 1A	TEMP. SEDIMENT FILTER		SHEET FLOW
	TEMP. SILT DIKE		CHANNEL FLOW
	TEMP. SILT FENCE		CHANNEL FLOW

SEC 18
T-5-S, R-25-E

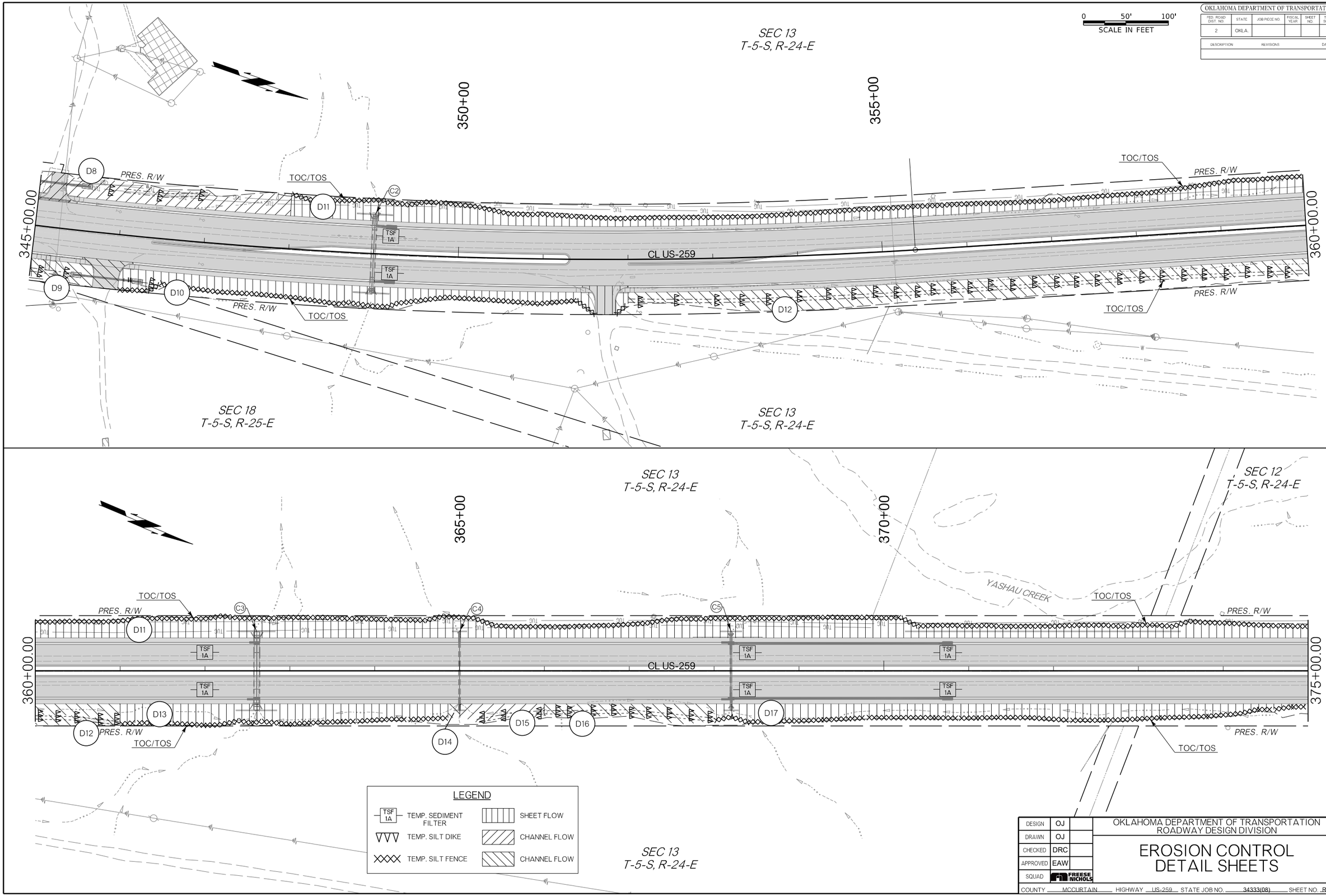
DESIGN	OJ	
DRAWN	OJ	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

EROSION CONTROL DETAIL SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R005

7/2/2024



0 50' 100'
SCALE IN FEET

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

DESIGN	OJ	
DRAWN	OJ	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

EROSION CONTROL DETAIL SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R006

7/2/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

SEC 12
T-5-S, R-24-E

380+00

385+00

YASHAU CREEK

TOC/TOS
PRES. R/W
C6
D11
TSF 1A
CL US-259
C8
D17
D18
C7
D19
D20
D21
375+00.00
390+00.00

SEC 12
T-5-S, R-24-E

395+00

400+00

POST OAK RD

D11
D21
D22
405+00.00

HIDDENLAKE RD

SEC 12
T-5-S, R-24-E

LEGEND

TSF 1A — TEMP. SEDIMENT FILTER	SHEET FLOW
TEMP. SILT DIKE	CHANNEL FLOW
TEMP. SILT FENCE	CHANNEL FLOW

DESIGN	OJ	
DRAWN	OJ	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

EROSION CONTROL DETAIL SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R007

7/2/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

SEC 12
T-5-S, R-24-E

410+00

415+00

POST OAK RD

WHITE PINE RD

405+00.00

420+00.00

PRES. R/W

TOC/TOS

C9

D11

TSF 1A

CL US-259

D22

D23

D24

LEGEND

TSF 1A	TEMP. SEDIMENT FILTER		SHEET FLOW
	TEMP. SILT DIKE		CHANNEL FLOW
	TEMP. SILT FENCE		CHANNEL FLOW

SEC 12
T-5-S, R-24-E

SEC 1
T-5-S, R-24-E

425+00

430+00

PINYON RD

420+00.00

435+00.00

D25

D26

D27

D28

C10

SEC 12
T-5-S, R-24-E

SEC 1
T-5-S, R-24-E

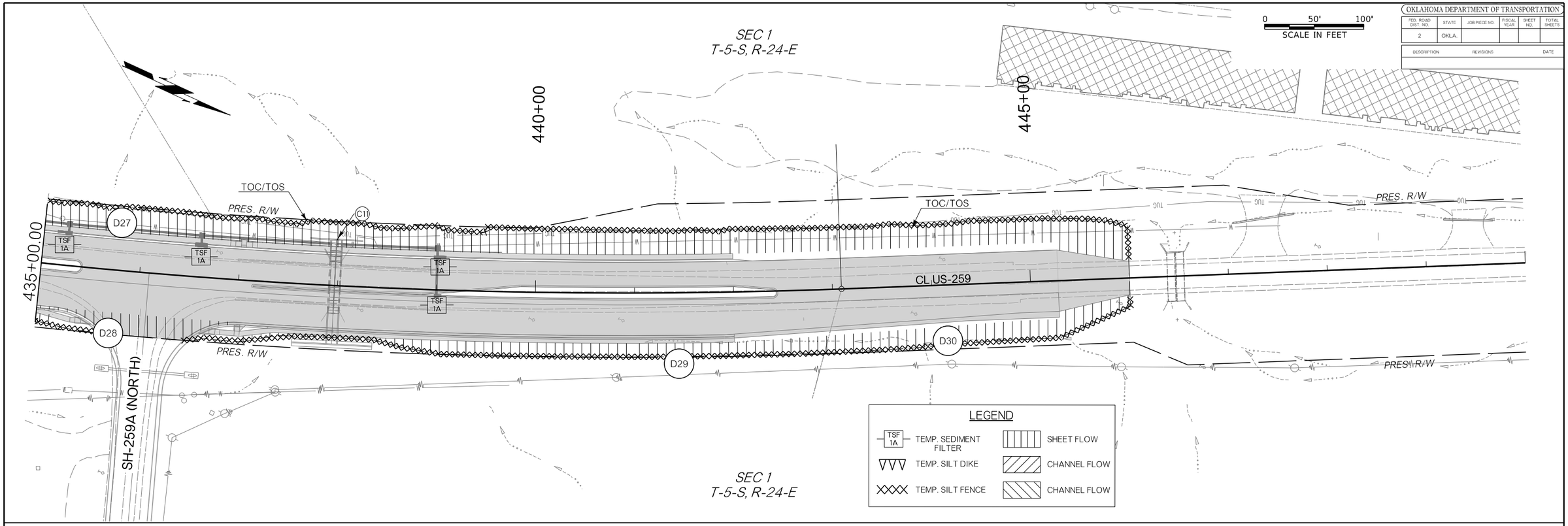
DESIGN	OJ	
DRAWN	OJ	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

EROSION CONTROL DETAIL SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R008

7/2/2024



OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

SUMMARY OF DRAINAGE AREAS

DRAINAGE AREA NUMBER	OUTFALL STATION	LT/RT	CHANNEL FLOW (ACRES)	SHEET FLOW (ACRES)	OUTFALL TREATMENT
D1	319+25.00	LT	0.69	-	SILT DIKE
D2	319+02.34	RT	-	0.80	SILT FENCE
D3	329+04.59	LT	-	0.50	N/A
D4	337+78.04	LT	0.15	-	SILT DIKE
D5	340+44.50	RT	0.02	-	SILT DIKE
D6	340+44.70	LT	-	0.08	SILT FENCE
D7	340+44.50	RT	0.15	-	SILT DIKE
D8	347+99.28	LT	0.27	-	SILT DIKE
D9	346+04.07	RT	0.12	-	SILT DIKE
D10	346+04.07	RT	-	0.24	SILT FENCE
D11	347+99.28	LT	-	3.23	SILT FENCE
D12	361+00.00	RT	0.41	-	SILT DIKE
D13	361+00.00	RT	-	0.19	SILT DIKE
D14	365+00.00	RT	0.01	-	SILT DIKE
D15	365+00.00	RT	0.04	-	SILT DIKE
D16	368+00.00	RT	0.08	-	SILT DIKE
D17	368+00.00	RT	-	0.41	SILT FENCE
D18	378+27.00	RT	0.32	-	SILT DIKE
D19	385+53.00	RT	0.05	-	SILT DIKE
D20	385+53.00	RT	0.05	-	SILT FENCE
D21	387+00.00	RT	0.54	-	SILT DIKE
D22	398+00.00	RT	-	0.54	SILT DIKE
D23	411+00.00	RT	0.32	-	SILT FENCE
D24	418+90.84	RT	0.32	-	N/A
D25	434+00.00	RT	0.47	-	SILT FENCE
D26	427+00.00	LT	0.09	-	SILT FENCE/DIKE
D27	427+00.00	LT	-	0.95	SILT FENCE
D28	434+00.00	RT	-	0.18	SILT FENCE
D29	441+00.00	RT	0.10	-	SILT FENCE
D30	444+00.00	RT	-	0.08	SILT FENCE

DESIGN	OJ	
DRAWN	OJ	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

EROSION CONTROL DETAIL SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R009

7/2/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

WADE, MARILYN K & WILLIAM D 450005594

CROSS LAND INVESTMENTS RETAIL 450005561

HARDAWAY, CHARLES B 450042838

RAMIREZ, EDWARD R & MARY K 450005559

JACKSON, JIMMY & KATHY 450005563

SEC 13 T-5-S, R-24-E

320+00

325+00

330+00.00

REMOVE 828 SY GRAVEL DRIVEWAY

REMOVE 47 SY CONC. PAVEMENT

REMOVE 142 LF 18" RCP

REMOVE 600 SY ASPHALT DRIVEWAY

REMOVE 24 LF 22" X 13" CMP-A

SAW CUT 2150 LF

SAW CUT 23 LF

REMOVE 273 SY ASPHALT DRIVEWAY

PRES. R/W

75'

65'

CL US-259

BEGIN PROJECT STA. 319+25

REMOVE 2798 SY ASPHALT PAVEMENT

REMOVE 552 SY ASPHALT DRIVEWAY

USA 450005788

SECTION LINE N88°29'17"E

STA 317+50 @ 2.4'x61' rdy rcb crossing @ 31'lt. 30' rt @ ft in 600.89 ft out 600.64

STA 318.46 @ 2.9'x6'x60' rcb rdy crossing @ 30' lt. 30' rt. ft in 598.99 ft out 598.15

STA 322+55 @ 2.24'x14'0" long cp sd @ 33' lt. ft in 613.02 ft out 609.77

USA 450005788

STA 323+87 @ 25'x17'x24' cgmpa sd rdy @ 33'lt. @ ft in 616.08 ft out 615.59

SEC 18 T-5-S, R-25-E

WOMACK, SHANE W & BETTY JOYCE 450005801

STA 330+... @ 12'x16' long cgmp sd @ 738' rt. ft in 630.91 ft out 629.87

LEGEND

FULL DEPTH PAVEMENT REMOVAL

DRIVEWAY REMOVAL

NOTES:

CONTRACTOR TO MAINTAIN ACCESS TO BUSINESSES AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

HOCHATOWN AMUSEMENTS, LLC 450005565

BLUE MARLIN INVESTMENT GROUP, LLC 450042559

SMITH, CHRIS & NICOLE 450043168

SEC 13 T-5-S, R-25-E

335+00

340+00

WEYERHAEUSER CO 45005557

ELV PROPERTY HOLDINGS, LLC 450047439

KING, JESSE & LINDA SUE & ANDREW SCOTT 450005564

REMOVE 678 SY ASPHALT DRIVEWAY

REMOVE 241 LF CURB & GUTTER

REMOVE 662 SY GRAVEL DRIVEWAY

REMOVE 286 SY CONC. DRIVEWAY

REMOVE 196 SY GRAVEL DRIVEWAY

REMOVE 5181 SY ASPHALT PAVEMENT

345+00.00

REMOVE 186 SY CONC. DRIVEWAY

SAW CUT 822 LF

REMOVE 47 LF 18" CGMP

SAW CUT 26 LF

SAW CUT 636 LF

REMOVE 2 END SECTIONS

SAW CUT 404 LF

REMOVE 141 SY GRAVEL DRIVEWAY

SH-259A (SOUTH)

STA 330+46 @ 18'x24'x140' rock pipe @ 17' N or 14' S @ crossing side road @ 71' rt. @ ft in 625.03 ft out 624.59

STA 330+92 @ 3'x2'x29' rdy rcb crossing side road @ 514' rt. @ ft in 624.70 ft out 628.43

USA 450005799

STA 336+92 @ 4'x20' long pvc sd @ 84' lt. @ ft in 630.99 ft out 630.78

STA 337+62 @ 18'x46' long cgmp sd @ 33' lt @ ft in 628.96 ft out 628.24

SEC 18 T-5-S, R-25-E

STA 340+24 @ 18'x40' long cgmp sd @ 83' lt. @ ft in 620.77 ft out 619.78

STA 340+45 @ 48"x64' cgmp rdy crossing @ 32' lt. 32' rt. ft in 620.72 ft out 619.53

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			REMOVAL SHEETS
APPROVED			
SQUAD	XXXXX		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R010

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

SEC 13
T-5-S, R-24-E

350+00

355+00

WEYERHAEUSER CO
450005557

QUARTER SECTION LINE
N88°22'15"E

REMOVE 165 SY
GRAVEL DRIVEWAY

REMOVE 42 LF
18" CGMP

PRES. R/W

345+00.00

65'

SAW CUT 214 LF

REMOVE 5520 SY
ASPHALT PAVEMENT

REMOVE 103 LF
GUARDRAIL

SAW CUT 461 LF

CL US-259

REMOVE 376 SY
GRAVEL DRIVEWAY

REMOVE 2 END SECTIONS

REMOVE 225 SY
GRAVEL DRIVEWAY

360+00.00

USA
450042495

CERTIFIED
450005795

SEC 18
T-5-S, R-25-E

STA345+17
℄ 18"x42" long cgmp srd
33'lt. ℄ lt in 622.94
ft. out 622.71

STA349+00
℄ 4'x4'x82' rcb crossing
℄ 41' rt. 41'lt. ℄ rdy. ft. in 609.4
ft. out 608.6

SEC 13
T-5-S, R-24-E

SEC 13
T-5-S, R-24-E

365+00

370+00

SEC 12
T-5-S, R-24-E

BATSON, MICHAEL DALE & ROBYN
ELIZEBETH BASTON REV LIV TRUST
450042376

YASHAU CREEK

LEGEND

FULL DEPTH PAVEMENT REMOVAL

DRIVEWAY REMOVAL

NOTES:

CONTRACTOR TO MAINTAIN ACCESS TO BUSINESSES AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

REMOVE 2 END SECTIONS

REMOVE 5741 SY
ASPHALT PAVEMENT

REMOVE END SECTIONS

375+00.00

CHOCTAW NATION
OF OKLAHOMA
450042496

USA
450042495

STA362+61
℄ 6'x3'x76' rcb rdy crossing
℄ 88' lt. 38' rt. ft. in 602.42
ft. out 601.77

STA368+20 ℄
24"x84" rcp rdy crossing
℄ 42 lt. 42 rt. ft. in 601.26
ft. out 599.26
headwall busted on west
end and silted in on east end

SEC 13
T-5-S, R-24-E

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			REMOVAL SHEETS
APPROVED			
SQUAD	XXXXX		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R011

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

YASHAU CREEK

SEC 12
T-5-S, R-24-E

380+00

385+00

BATSON, MICHAEL DALE & ROBYN
ELIZEBETH BASTON REV LIV TRUST
450005555

BATSON, MICHAEL DALE & ROBYN
ELIZEBETH BASTON REV LIV TRUST
450005553

BATSON, MICHAEL DALE & ROBYN
ELIZEBETH BASTON REV LIV TRUST
450042374

PRES. R/W

375+00.00

390+00.00

65'

REMOVE 5179 SY
ASPHALT PAVEMENT

REMOVE 2 END SECTIONS

CL US-259

REMOVE 2 END SECTIONS

REMOVE 92 SY
ASPHALT DRIVEWAY

REMOVE 36 LF
18" CGMP

SAW CUT 316 LF

SAW CUT 636 LF

REMOVE 192 SY
GRAVEL DRIVEWAY

REMOVE 39 LF
24" CGMP

PRES. R/W

LEGEND

FULL DEPTH PAVEMENT REMOVAL

DRIVEWAY REMOVAL

NOTES:

CONTRACTOR TO MAINTAIN ACCESS TO BUSINESSES AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

YASHAU CREEK

STA378+27
℄ 27'rt. 2 8'x7'x54' rcb crossing
27'rt. ℄ in 600.98
℄ out 599.89

CHOCTAW NATION
OF OKLAHOMA
450042496

SEC 12
T-5-S, R-24-E

STA385+53
℄ 4'x3'x54' rcb crossing
23'rt. 31' rt. ray
℄ in 611.03
℄ out 610.03

CHOCTAW NATION
OF OKLAHOMA
450005554

STA387+13
℄ 18"x35' long skill sd
46'rt ℄ in 615.68
℄ out 614.83

STA389+11
℄ 24"x38' long cgmp sd
45'rt ℄ in 621.25
℄ out 620.47

BATSON, MICHAEL DALE & ROBYN
ELIZEBETH BASTON REV LIV TRUST
450005553

395+00

SEC 12
T-5-S, R-24-E

400+00

POST OAK RD

MEEKS, REGINA
450005539

WHEELER, KAREN J
450005540

REMOVE 261 SY
GRAVEL DRIVEWAY

REMOVE 545 SY
ASPHALT DRIVEWAY

PRES. R/W

SAW CUT 142 LF

SAW CUT 517 LF

CL US-259

REMOVE 34 LF
18" CGMP

390+00.00

405+00.00

65'

110'

SAW CUT 474 LF

REMOVE 4864 SY
ASPHALT PAVEMENT

SAW CUT 504 LF

REMOVE 41 LF
24" CGMP

REMOVE 172 SY
GRAVEL DRIVEWAY

HIDDENLAKE RD

STA391+26
℄ 24"x40' long cgmp sd
36'rt ℄ in 625.7
℄ out 625.38

STA393+82
℄ 19'x14'x40' long
7'rt. ℄ in 628.32
℄ out 627.82

CHOCTAW NATION
OF OKLAHOMA
450005554

SEC 12
T-5-S, R-24-E

USA
450042494

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			
APPROVED			REMOVAL SHEETS
SQUAD	XXXXX		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R012

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

WHEELER, KAREN J
450005540

SEC 12
T-5-S, R-24-E

410+00

VONEROSA PROPERTIES, LLC
450005523

7IL PROPERTIES LLC
450005512

415+00

HAUS, KELLI MICHELLE, TRUSTEE
OF KELLI HAUS REV TRUST
450005511

EAGLE MOUNTAIN LAND &
450005541

POST OAK RD

WHITE PINE RD

PRES. R/W

REMOVE 27 LF
18" CGMP

REMOVE 290 LF
GUARDRAIL

REMOVE 345 SY
ASPHALT PAVEMENT

REMOVE 47 LF
18" CGMP

REMOVE 145 SY
GRAVEL DRIVEWAY

SAW CUT 713 LF

405+00.00

CL US-259

420+00.00

SAW CUT 92 LF

REMOVE 106 SY
GRAVEL DRIVEWAY

REMOVE 2 END SECTIONS

REMOVE 6746 SY
ASPHALT PAVEMENT

SAW CUT 300LF

SAW CUT 448 LF

65'

100'

LEGEND

FULL DEPTH PAVEMENT REMOVAL

DRIVEWAY REMOVAL

NOTES:

CONTRACTOR TO MAINTAIN ACCESS TO BUSINESSES AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

USA
450042494

STA405+02
@ 18"x28" long cgmp sd
35' lt @ ft in 642.39
ft out 642.25

STA407+87
@ 8'x7'x61' rcb 31' lt,
30' rt, rdy @ ft in 634.61
ft out 634.08

SEC 12
T-5-S, R-24-E

USA
450042494

STA417+71
@ 18"x46" long cgmp sd
34' lt @ ft in 653.38
ft out 652.9

SEC 12
T-5-S, R-24-E

SEC 1
T-5-S, R-24-E

DANIEL, MICHAEL &
4500046202

425+00

WAGNER, EDWARD A
& BARBARA A
450005519

STA426+67
@ 24"x62" rcp crossing
27' rt, 35' lt, rdy ft in 657.66
ft out 653.65

430+00

DUNCAN, HENRY
45005463

PINYON RD

MCCURTAIN COUNTY
NATIONAL BANK
450043584

REMOVE 215 SY
CONC. DRIVEWAY

REMOVE 76 LF
CONC. CURB

REMOVE 5777 SY
ASPHALT PAVEMENT

REMOVE 290 SY
ASPHALT PAVEMENT

420+00.00

CL US-259

435+00.00

SAW CUT 3014 LF

REMOVE 2 END SECTIONS

65'

120'

110'

100'

USA
450042494

USA
450042493

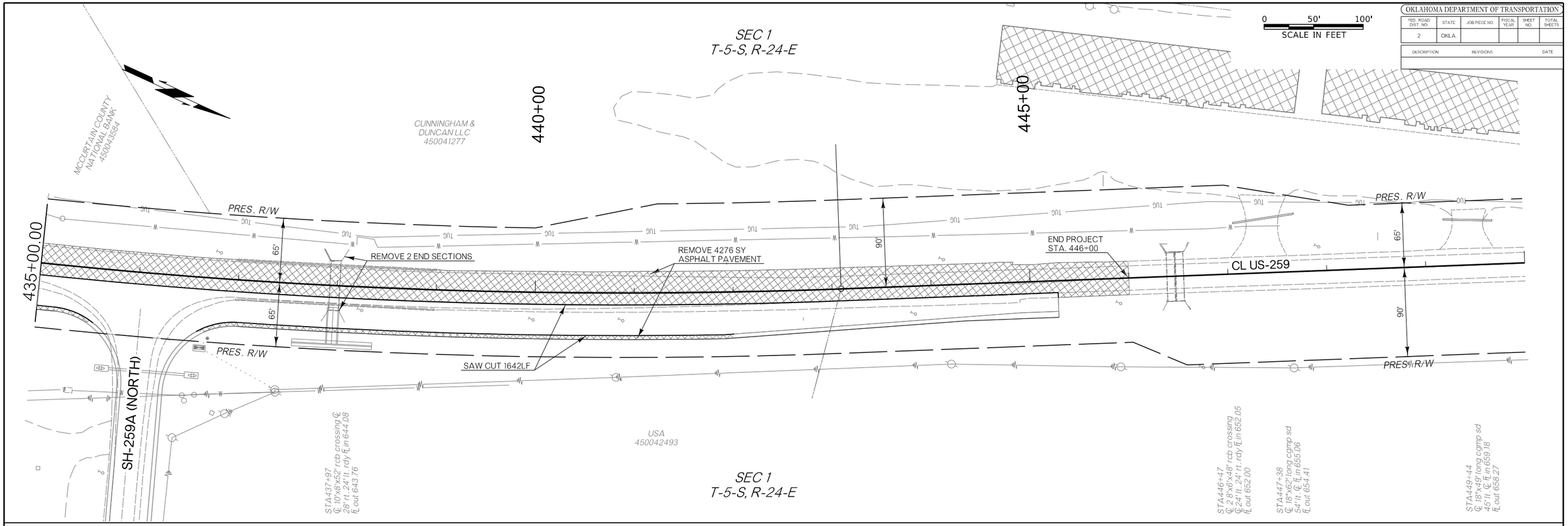
SEC 12
T-5-S, R-24-E

SEC 1
T-5-S, R-24-E

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		REMOVAL SHEETS
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R013

7/8/2024



OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

LEGEND

- FULL DEPTH PAVEMENT REMOVAL
- DRIVEWAY REMOVAL

NOTES:

CONTRACTOR TO MAINTAIN ACCESS TO BUSINESSES AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE RESIDENT ENGINEER.

7/8/2024

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	XXXXX	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

REMOVAL SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R014

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

WADE, MARILYN K & WILLIAM D 450005594
CROSS LAND INVESTMENTS RETAIL 450005561
HARDAWAY, CHARLES B 450042838
RAMIREZ, EDWARD R & MARY K 450005559
JACKSON, JIMMY & KATHY 450005563
SEC 13 T-5-S, R-24-E
SEC 18 T-5-S, R-25-E
USA 450005788
WOMACK, SHANE W & BETTY JOYCE 450005801

320+00
325+00
330+00.00

STA. 323+13.78
CONST. 20' CONC. DR. W/ 18" RCP SD

STA. 323+85.44
CONST. 16' CONC. DR. W/ 18" RCP SD

STA. 329+16.56
CONST. 24' CONC. DR. W/ 18" RCP SD.

STA. 327+36.67
CONST. 24' CONC. DR.

CET-A1 CET-B2 CET-B1 CET-C1
MH-A1 MH-A2
A-01 A-02 B-01 C-01
JB-B1 JB-C1

TOC/TOS
INSTALL RIP RAP
SECTION LINE N01°51'51"W
CL US-259 N 01°49'46.2" W 7,654.83'
PRES. R/W
75'
65'
12' 12'
BM #47
BM #48

SECTION LINE N88°29'17"E

LEGEND
OVERLAY
PAVEMENT/DRIVEWAY/PARKING
SIDEWALK

STA 317+50 @ 24"x61' rdy rcb crossing @ 31'lt, 30' rt @ ℄ ln 600.89 ℄ out 600.64

STA 318.46 @ 2.9'x6'x60' rcb rdy crossing @ 30'lt, 30' rt. ℄ ln 598.99 ℄ out 598.15

STA 322+55 @ 24"x140' long cp sd @ 33' lt, ln 613.02 ℄ out 609.77

STA 323+87 @ 25'x17'x24' campa sd rdy @ 33'lt, ℄ ln 616.08 ℄ out 615.59

STA 330.10 @ 12'x16' long camp sd 738.4' ℄ ln 630.01 ℄ out 629.87

675 675

UTILITY OWNERSHIP	PHONE NUMBER
MCCURTAIN COUNTY RWD #5	(580) 494-6283
KIAMICHI COUNTY RWD #6	(580) 244-7561
CHOCTAW ELECTRIC COOP.	(580) 780-7561
PINE TELEPHONE	(580) 584-3355
BROKEN BOW PWA	(580) 584-3407

BM #47
BOX CUT ON HEADWALL, 25' RT.
STA. 318+58, ELEV. 606.38

STA 319+25.00
BEGIN PROJECT
MATCH EXISTING

STR. NO. CET-A1 ~ STA. 319+30.00, 58' RT
CONST. A4 CET
F.L. = 599.2'

STR. NO. MH-A1 ~ STA. 321+00.00, 42.5' RT
CONST. 4' DIA. MANHOLE W/ 159 LF 18" RCP FROM STR. CET-A1
GROUND = 611.8'
F.L. = 605.9' D.S. F.L. = 599.2'

STR. NO. CET-B2 ~ STA. 321+80.00, 55' LT
CONST. A4 CET
F.L. = 609.25'

STR. NO. A-01 ~ STA. 321+00.00, 33' RT
CONST. DESIGN 2(C) INLET W/ 7 LF 18" RCP FROM STR. MH-A1
T.C. = 611.8' GRATE = 611.3'
F.L. = 607.5' D.S. F.L. = 607.25'

STR. NO. JB-B1 ~ STA. 322+10.00, 54' LT
CONST. 4' DIA. JUNCTION BOX W/ 18 LF 18" RCP FROM STR. CET-B2
GROUND = 613'
F.L. = 609.75' D.S. F.L. = 609.25'

STR. NO. B-01 ~ STA. 322+10.00, 33' LT
CONST. DESIGN 3(STD.) INLET W/ 19 LF 18" RCP FROM STR. JB-B1
T.C. = 614.3' GRATE = 613.8'
F.L. = 610' D.S. F.L. = 609.75'

STR. NO. MH-A2 ~ STA. 323+50.00, 42.5' RT
CONST. 4' DIA. MANHOLE W/ 246 LF 18" RCP FROM STR. MH-A1
GROUND = 617.9'
F.L. = 611.9' D.S. F.L. = 605.9'

STR. NO. A-02 ~ STA. 323+50.00, 33' RT
CONST. DESIGN 3(STD.) INLET W/ 7 LF 18" RCP FROM STR. MH-A2
T.C. = 618' GRATE = 617.5'
F.L. = 613.5' D.S. F.L. = 613.25'

STR. NO. CET-B1 ~ STA. 324+30.00, 52' LT
CONST. A4 CET W/ 208 LF 18" RCP FROM STR. JB-B1
F.L. = 616.85'

BM #48
DEL POST 72' LT.
STA. 328+09 ELEV. 624.15

STR. NO. CET-C1 ~ STA. 328+60.00, 50' LT
CONST. A4 CET
F.L. = 627.9'

STR. NO. JB-C1 ~ STA. 329+55.00, 50' LT
CONST. 4' DIA. JUNCTION BOX W/ 83 LF 18" RCP FROM STR. CET-C1
GROUND = 631.1'
F.L. = 628.15' D.S. F.L. = 627.9'

STR. NO. C-01 ~ STA. 329+55.00, 38.67' LT
CONST. CODES. 2 INLET W/ 6.4 LF 18" RCP FROM STR. JB-C1
T.C. = 632.12' GRATE = 631.62'
F.L. = 629.02' D.S. F.L. = 628.75'

EXIST. CL US-259
LT SP Ditch
+3.43% LT
159 LF 18" RCP @ 4.21%
+2.85% LT
+3.13% LT
246 LF 18" RCP @ 2.44%
208 LF 18" RCP @ 3.41%
+3.18% LT
+0.77% LT
83 LF 18" RCP @ 0.30%

LT 319+30.00 EL 601.50
LT 320+00.00 EL 603.90
LT 321+00.00 EL 606.75
LT 321+80.00 EL 609.25
LT 324+10.00 EL 616.20
LT 327+50.00 EL 627.00
LT 328+80.00 EL 628.00

675 670 665 660 655 650 645 640 635 630 625 620 615 610 605 600 595 590 585 580 575

315+00.00 316+00.00 317+00.00 318+00.00 319+00.00 320+00.00 321+00.00 322+00.00 323+00.00 324+00.00 325+00.00 326+00.00 327+00.00 328+00.00 329+00.00 330+00.00

7/8/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R015

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

SEC 13
T-5-S, R-25-E

SEC 18
T-5-S, R-25-E

HOCHATOWN AMUSEMENTS, LLC 450005565
SMITH, CHRIS & NICOLE 450043168
BLUE MARLIN INV PROP, LLC 450042559
KING, JESSE & LINDA SUE & ANDREW SCOTT 450005564
ELV PROPERTY HOLDINGS, LLC 450047439
WEYERHAEUSER CO 45005557
USA 450005799

335+00
340+00
330+00.00
345+00.00

STA. 332+45.00
CONST. 27' CONC. DR.

STA. 337+62.84
CONST. 30' CONC. DR.

PI 345+00.4336
Δ 21°00'27.2378" LT
D 00°59'59.9987"
T 1062.31SF
L 2100.76SF
R 5729.58SF
PC 334+38.13
PT 355+38.88

PRES. R/W
TOC/TOS
SECTION LINE
N01°51'51"W
N 01°49'46.2" W 7,654.83'
CL US-259
SH-259A (SOUTH)
PC 334+38.1274
03' L.
20' R.
02' R.
38' R.
INSTALL RIP RAP
SEE SHEET R028 FOR PARALLEL WING WALL DETAILS "C1-LT"
SEE SHEET R028 FOR PARALLEL WING WALL DETAILS "C1-RT"
EXTEND
QUARTER SECTION LINE N88°22'15"E PI 345+00.43

JB-C2 C-02 MH-D4 D-04 MH-D3 D-03 MH-D2 D-02 MH-D1 D-01 CET-D1 SD1 F-01 C1
E-03 MH-E3 E-02 MH-E2 E-01 MH-E1 CET-E1 CET-D1

BM #49
DEL POST 50' LT.
STA. 332+21, ELEV. 634.83

BM #50
BOX CUT ON CONC. DRIVE 31' LT
STA. 337+46, ELEV. 630.96

STR NO. JB-C2 ~ STA.330+92.00, 50' LT
CONST. 24" CMP CULVERT (90°) BOX W/ 135 LF
T.C. = 632.3'
F.L. = 629.3' D.S, F.L. = 628.25'

STR NO. C-02 ~ STA.330+92.00, 38.67' LT
CONST. SMD-TYPE 1 INLET W/ 6.4 LF 18" RCP FROM STR.JB-C2
T.C. = 633.86' GRATE = 633.36'
F.L. = 630.76' D.S, F.L. = 630.55'

STR NO. MH-D4 ~ STA.334+00.00, 42.5' LT
CONST. 4' DIA. MANHOLE W/ 121 LF 18" RCP FROM STR.C-02
T.C. = 635.5' GRATE = 635'
F.L. = 629' D.S, F.L. = 627.8'

STR NO. D-04 ~ STA.334+00.00, 33' LT
CONST. DESIGN 2 (C) INLET W/ 7 LF 18" RCP FROM STR.MH-D4
T.C. = 634.9' GRATE = 634.4'
F.L. = 630.2' D.S, F.L. = 630'

STR NO. MH-D3 ~ STA.335+25.00, 42.5' LT
CONST. 4' DIA. MANHOLE W/ 185 LF 18" RCP FROM STR.MH-D4
T.C. = 634.25' GRATE = 633.75'
F.L. = 627.8' D.S, F.L. = 626.1'

STR NO. D-03 ~ STA.335+25.00, 33' LT
CONST. DESIGN 2 (C) INLET W/ 7 LF 18" RCP FROM STR.MH-D3
T.C. = 634.25' GRATE = 633.75'
F.L. = 629.54' D.S, F.L. = 629.25'

STR NO. MH-E3 ~ STA.335+25.00, 42.5' RT
CONST. 4' DIA. MANHOLE W/ 188 LF 18" RCP FROM STR.MH-E2
T.C. = 634.3' GRATE = 633.8'
F.L. = 627.9' D.S, F.L. = 626.4'

STR NO. E-03 ~ STA.335+25.00, 33' RT
CONST. DESIGN 1 (C) INLET W/ 7 LF 18" RCP FROM STR.MH-E3
T.C. = 634.5' GRATE = 634'
F.L. = 630' D.S, F.L. = 629.75'

STR NO. MH-D2 ~ STA.337+15.00, 42.5' LT
CONST. 4' DIA. MANHOLE W/ 205 LF 18" RCP FROM STR.MH-D1
T.C. = 632.5' GRATE = 632'
F.L. = 626.1' D.S, F.L. = 623.1'

STR NO. MH-E2 ~ STA.337+15.00, 42.5' RT
CONST. 4' DIA. MANHOLE W/ 208 LF 18" RCP FROM STR.MH-E1
T.C. = 632.8' GRATE = 632.3'
F.L. = 626.4' D.S, F.L. = 624.75'

STR NO. D-02 ~ STA.337+15.00, 54' LT
CONST. CDI DES. 2 INLET W/ 8 LF 18" RCP FROM STR.MH-D2
T.C. = 631.4' GRATE = 630.9'
F.L. = 627.85' D.S, F.L. = 627.5'

STR NO. E-02 ~ STA.337+15.00, 33' RT
CONST. DESIGN 3 (STD.) INLET W/ 7 LF 18" RCP FROM STR.MH-E2
T.C. = 632.5' GRATE = 632.1'
F.L. = 628.3' D.S, F.L. = 628'

STR NO. MH-E2 ~ STA.337+15.00, 42.5' RT
CONST. 4' DIA. MANHOLE W/ 208 LF 18" RCP FROM STR.MH-E1
T.C. = 632.8' GRATE = 632.3'
F.L. = 626.4' D.S, F.L. = 624.75'

STR NO. MH-D1 ~ STA.339+25.00, 42.5' LT
CONST. 4' DIA. MANHOLE W/ 50 LF 18" RCP FROM STR.MH-D2
T.C. = 630.1' GRATE = 629.6'
F.L. = 623.7' D.S, F.L. = 622.3'

STR NO. C1 ~ STA.340+44.92, NA' NA
EXT. EXIST. 48" DIAM. X 64' RDY. CGMP 14' LG LT. & 14' LG. RT.
F.L. = 620.98'

STR NO. D-01 ~ STA.339+25.00, 33' LT
CONST. DESIGN 2 (D) INLET W/ 7 LF 18" RCP FROM STR.MH-D1
T.C. = 629.9' GRATE = 629.4'
F.L. = 626' D.S, F.L. = 625.75'

STR NO. E-01 ~ STA.339+25.00, 33' RT
CONST. DESIGN 2 (D) INLET W/ 7 LF 18" RCP FROM STR.MH-E1
T.C. = 630.1' GRATE = 630'
F.L. = 626' D.S, F.L. = 625.75'

STR NO. MH-E1 ~ STA.339+25.00, 42' RT
CONST. 4' DIA. MANHOLE W/ 60 LF 18" RCP FROM STR.MH-E2
T.C. = 631.25' GRATE = 630.75'
F.L. = 624.75' D.S, F.L. = 624.5'

STR NO. CET-D1 ~ STA.339+75.00, 60' LT
CONST. A4 CET
F.L. = 622.3'

STR NO. CET-E1 ~ STA.339+85.00, 51' RT
CONST. A4 CET
F.L. = 624.5'

STR NO. C1 ~ STA.340+44.92, NA' NA
EXT. EXIST. 48" DIAM. X 64' RDY. CGMP 14' LG LT. & 14' LG. RT.
F.L. = 620.98'

STR NO. F-01 ~ STA.344+50.00, 33' LT
CONST. 5' X 10' CONC. FLUME

STR NO. SD1 ~ STA.344+85.00, 50' LT
CONST. 18" x 62.5' RCP SD W/ A4 CET
F.L. = 622.6'

EXIST. CL US-259

133 LF 18" RCP @ 0.79%
121 LF 18" RCP @ 0.99%
188 LF 18" RCP @ 0.80%
(FROM MH-E3 TO MH-E2)
185 LF 18" RCP @ 0.92%
(FROM MH-D3 TO MH-D2)
208 LF 18" RCP @ 0.79%
(FROM MH-E2 TO MH-E1)
205 LF 18" RCP @ 1.17%
(FROM MH-D2 TO MH-D1)
50 LF 18" RCP @ 2.80%
60 LF 18" RCP @ 0.42%

3.28% LT
LT SP Ditch
LT 338+00.00 EL 328.30
LT 339+80.00 EL 622.40
RT 341+25.00 EL 623.92
+1.60% RT
RT 341+80.00 EL 624.80
+0.50% RT
RT 342+20.00 EL 625.00
RT SP Ditch
-0.31% RT
RT 343+00.00 EL 624.75
+0.36% LT
LT 342+50.00 EL 623.80
LT 343+75.00 EL 624.25
-1.00% RT
RT 344+00.00 EL 623.75
-1.45% RT
-1.52% LT
RT345+00.00 EL 622.30
LT 344+90.00 EL 622.50

EX= 632.66
EX= 633.92
EX= 634.86
EX= 635.21
EX= 634.93
EX= 634.44
EX= 633.84
EX= 632.96
EX= 631.87
EX= 630.68
EX= 629.58
EX= 628.69
EX= 627.84
EX= 626.81
EX= 626.06
EX= 625.55

7/8/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R016

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

SEC 13
T-5-S, R-24-E

QUARTER SECTION LINE
N88°22'15"E

WEYERHAEUSER CO
450005557

350+00

355+00

345+00.00

360+00.00

STA. 345+21.84,
CONST. 18' CONC. DR.
W/ 18" RCP SD

SD1

PRES. R/W

TOC/TOS

INSTALL RIP RAP

SEE SHEET R026 FOR PARALLEL
WING WALL DETAILS "C2-LT"

C2

F-02

BM #52

Low Wire Clearance = 22.57'

PT 355+38.8847

N 22°59'13.4" W

3,661.49'

CL US-259

BM #53

G-02

SEE SHEET R026 FOR PARALLEL
WING WALL DETAILS "C2-RT"

STA. 351+73.29
CONST. 24' CONC. DR.

G-01

SD2

STA. 345+89.24
CONST. 15' CONC. DR.
W/ 18" RCP SD

USA
450042495

CERTIFIED
450005795

SECTION LINE
N01°52'03"W

STA345+17
@ 18"x42" long comp sd
33"lt @ fl in 622.94
fl out 622.71

STA349+00
@ 4'x4'x82' rcb crossing
@ 41" rt, 41"lt @ rd
fl in 608.6
fl out 608.6

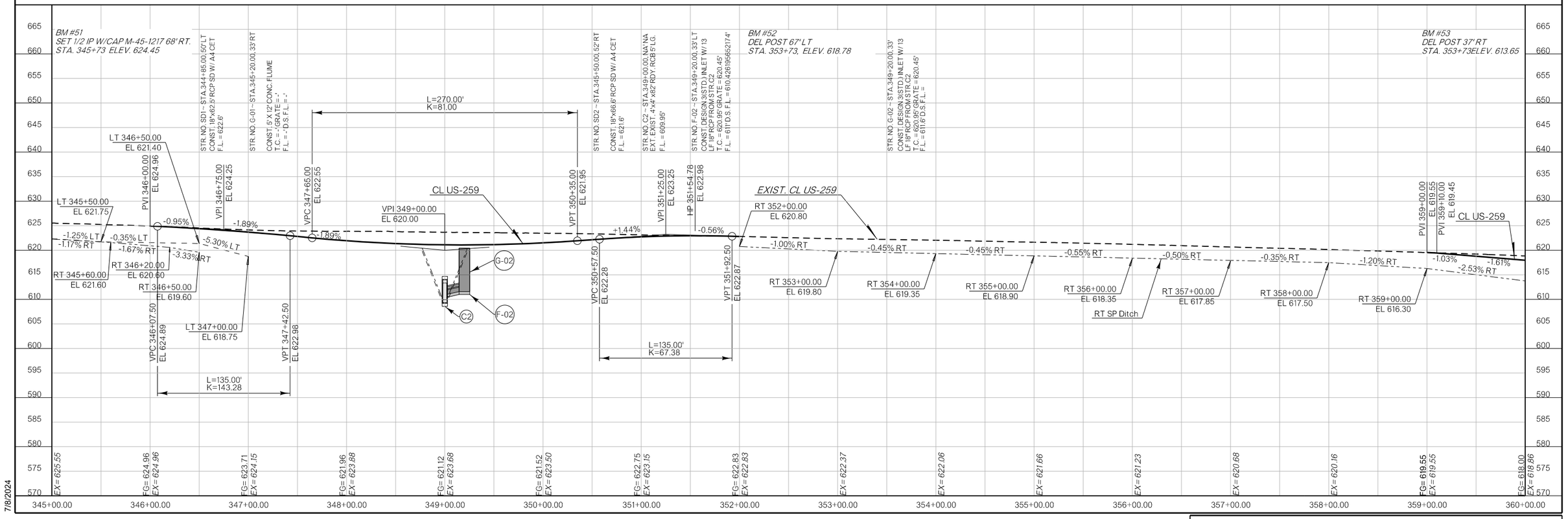
EXTEND

SEC 18
T-5-S, R-25-E

SEC 13
T-5-S, R-24-E

LEGEND

- OVERLAY
- PAVEMENT/DRIVEWAY/PARKING
- SIDEWALK



7/8/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R017

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

WEYERHAEUSER CO
450005557

SEC 13
T-5-S, R-24-E

365+00

370+00

BATSON, MICHAEL DALE & ROBYN
ELIZEBETH BASTON REV LIV TRUST
450042376

YASHAU CREEK

SEE SHEET R028 FOR PARALLEL WING WALL DETAILS "C5-LT"

SEE SHEET RW01 & RW03 FOR RETAINING WALL DETAILS

INSTALL HANDRAILING (R032)

INSTALL RIP RAP

SEE SHEET R028 FOR PARALLEL WING WALL DETAILS "C4-LT"

INSTALL RIP RAP

SEE SHEET R026 FOR PARALLEL WING WALL DETAILS "C3-LT"

INSTALL RIP RAP

TOC/TOS

PRES. R/W

H-01

H-02

H-03

C3

C4

C5

360+00.00

375+00.00

65'

12' 12' 12' 12'

OL US-259
N 22°50'13.4" W
3,661.40'

BM #54

I-01

I-02

I-03

INSTALL RIP RAP

SEE SHEET R026 FOR PARALLEL WING WALL DETAILS "C3-RT"

INSTALL RIP RAP

SEE SHEET R028 FOR PARALLEL WING WALL DETAILS "C4-RT"

INSTALL RIP RAP

SEE SHEET R028 FOR PARALLEL WING WALL DETAILS "C4-RT"

TOC/TOS

PRES. R/W

TOC/TOS

PRES. R/W

USA
450042495

CHOCTAW NATION
OF OKLAHOMA
450042496

SECTION LINE
S88°01'57"W

STA 362+61
6'x3'x76' rcb rdy crossing
@ 88° lt. 38' rt. f/ln 602.42
f/_out 601.77
EXTEND

STA 368+20 @
24'x84' rcp rdy crossing
@ 42° lt. 42' rt. f/ln 601.26
f/_out 599.26
headwall busted on west
end and silted in on east end
EXTEND

SEC 13
T-5-S, R-24-E

SEC 12
T-5-S, R-24-E

LEGEND

- OVERLAY
- PAVEMENT/DRIVEWAY/PARKING
- SIDEWALK

STR. NO. H-01 – STA. 362+61.00, 33' LT
CONST. DESIGN 2/EB INLET W/ 0 LF 18" RCP FROM STR. C3
T. C. = 613.62' GRATE = 613.12'
F. L. = 606.8' D. S. F. L. = -'

STR. NO. I-01 – STA. 362+61.00, 33' RT
CONST. DESIGN 2/CI INLET W/ 0 LF 18" RCP FROM STR. C3
T. C. = 613.62' GRATE = 613.12'
F. L. = 607.38' D. S. F. L. = -'

STR. NO. C3 – STA. 362+61.00, NA/ NA
EXT. EXIST. 6'x5' x/ 6' RDY. RCB 8' LG.
F. L. = 602.49'

STR. NO. C4 – STA. 365+00.00, NA/ NA
EXT. EXIST. 24" DIAM. x/ 78' RDY. RCP 6'
LG. LT. & 8' LG. RT.
F. L. = 604.87'

STR. NO. C5 – STA. 368+20.00, NA/ NA
EXT. EXIST. 24" DIAM. x/ 84' RDY. RCP 4'
F. L. = 601.36'

STR. NO. H-02 – STA. 368+20.00, 33' LT
CONST. DESIGN 2/CI INLET W/ 0 LF 18" RCP FROM STR. C5
T. C. = 609.25' GRATE = 608.75'
F. L. = 599.47' D. S. F. L. = -'

STR. NO. I-02 – STA. 368+20.00, 33' RT
CONST. DESIGN 2/CI INLET W/ 0 LF 18" RCP FROM STR. C5
T. C. = 609.25' GRATE = 608.75'
F. L. = 601.05' D. S. F. L. = -'

STR. NO. H-03 – STA. 370+75.00, 33' LT
CONST. DESIGN 3/STD.) INLET W/ 247 LF 18" RCP FROM STR. H-02
T. C. = 608.25' GRATE = 607.3'
F. L. = 603.8' D. S. F. L. = 601.5'

STR. NO. I-03 – STA. 370+75.00, 33' RT
CONST. DESIGN 3/STD.) INLET W/ 247 LF 18" RCP FROM STR. I-02
T. C. = 607.8' GRATE = 607.3'
F. L. = 603.6' D. S. F. L. = 601.05'

BM #54
DEL POST 41' RT
STA. 366+08 ELEV. 609.85

L=135.00'
K=125.46

L=300.00'
K=209.30

EXIST. CL US-259

CL US-259

-1.61%

-2.53% RT

-5.50% RT

RT 361+00.00
EL 609.75

RT 360+50.00
EL 612.50

RT SP Ditch

VPC 362+57.50
EL 613.84

VPT 363+92.50
EL 612.39

VPI 363+25.00
EL 612.75

-1.61%

-0.54%

RT 365+60.00
EL 608.25

+1.88% RT

RT 366+00.00
EL 609.00

-0.54%

PVI 366+50.00
EL 611.00

-0.40% RT

RT 367+00.00
EL 608.60

RT SP Ditch

-0.93%

-4.20% RT

-14.50% RT

RT 368+00.00
EL 604.40

RT 368+10.00
EL 602.95

VPC 368+75.00
EL 608.90

-0.93%

+0.50%

247 LF 18" RCP @ 1.03%

VPI 370+25.00
EL 607.50

LP 370+70.35
EL 607.99

VPT 371+75.00
EL 608.25

+0.50%

FG= 618.00	FG= 616.38	FG= 614.77	FG= 613.23	FG= 612.35	FG= 611.81	FG= 611.27	FG= 610.53	FG= 609.60	FG= 608.68	FG= 608.11	FG= 608.01	FG= 608.38	FG= 608.88	FG= 609.38	FG= 609.88										
EX= 618.86	EX= 617.95	EX= 617.14	EX= 616.36	EX= 615.59	EX= 614.71	EX= 613.98	EX= 613.35	EX= 612.52	EX= 611.77	EX= 611.39	EX= 611.32	EX= 611.43	EX= 611.68	EX= 612.15	EX= 612.64										

660 655 650 645 640 635 630 625 620 615 610 605 600 595 590 585 580 575 570 565

360+00.00 361+00.00 362+00.00 363+00.00 364+00.00 365+00.00 366+00.00 367+00.00 368+00.00 369+00.00 370+00.00 371+00.00 372+00.00 373+00.00 374+00.00 375+00.00

7/8/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R018

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

SEC 12
T-5-S, R-24-E

380+00

385+00

375+00.00

390+00.00

BATSON, MICHAEL DALE & ROBYN ELIZEBETH BASTON REV LIV TRUST 450005555

BATSON, MICHAEL DALE & ROBYN ELIZEBETH BASTON REV LIV TRUST 450005553

BATSON, MICHAEL DALE & ROBYN ELIZEBETH BASTON REV LIV TRUST 450042374

KIAMICHI RIVER

KIAMICHI SHAU CREEK

CHOCTAW NATION OF OKLAHOMA 450042496

CHOCTAW NATION OF OKLAHOMA 450005554

SEE SHEET R026 FOR PARALLEL WING WALL DETAILS "C6-LT"

INSTALL RIP RAP

TOC/TOS

PRES. R/W

H-04

C6

65'

12' 12' 12' 12' 12'

SEE SHEET R026 FOR PARALLEL WING WALL DETAILS "C7-LT"

INSTALL RIP RAP

H-05

SEE SHEET R026 FOR PARALLEL WING WALL DETAILS "C8-LT"

INSTALL RIP RAP

H-06

STA. 387+21.97
CONST. 12' CONC. DR.

H-07

TOC/TOS

PRES. R/W

BM #56

BM #57

CL US-259
N 22°50'13.4" W 3,661.40'

I-04

C7

I-05

C8

I-06

I-07

SD3

24' CONC. DR.

INSTALL RIP RAP

PRES. R/W

TOC/TOS

SEE SHEET R026 FOR PARALLEL WING WALL DETAILS "C6-RT"

INSTALL RIP RAP

SEE SHEET R026 FOR PARALLEL WING WALL DETAILS "C7-RT"

INSTALL RIP RAP

SEE SHEET R026 FOR PARALLEL WING WALL DETAILS "C8-RT"

PRES. R/W
TOC/TOS

STA. 389+14.00
CONST. 24' CONC. DR.
W/ 18" RCP SD

LEGEND

- OVERLAY
- PAVEMENT/DRIVEWAY/PARKING
- SIDEWALK

STA378+27
@ 27°lt. 28'x7'x54' rcb crossing
2 cells @ 90°
ft in EL 600.98
ft out EL 600.89

EXTEND

SEC 12
T-5-S, R-24-E

STA385+53
@ 4'x3'x54 rcb crossing
@ 23°rt. 31' lt. ray
ft in EL 611.03
ft out EL 610.93

EXTEND

STA387+13
@ 18"x36" long skill sd
46°lt @ ft in 615.68
ft out 614.83

STA389+11
@ 24"x38" long cgmp sd
45°lt @ ft in 621.25
ft out 620.47

BM #55
BOX CUT ON HEADWALL 36' RT
STA. 375+81 ELEV. 605.69

BM #56
DEL POST 64' LT
STA. 381+71 ELEV. 612.13

BM #57
BOX CUT ON HEADWALL 31' LT
STA. 385+52 ELEV. 614.59

STR. NO. C6 – STA.375+83.00,NA'NA
EXT. EXIST. 4'x3' x7'RDY. RCB 6' LG.
F.L. = 601.7'

STR. NO. H-04 – STA.375+83.00, 33' LT
CONST. DESIGN 2(B) INLET W/ 0 LF 18" RCP FROM STR.C6
T.C. = 610.28' GRATE = 609.78'
F.L. = 603.2'D.S. F.L. = -'

STR. NO. I-04 – STA.375+83.00, 33' RT
CONST. DESIGN 2(B) INLET W/ 0 LF 18"
T.C. = 610.28' GRATE = 609.78'
F.L. = 604.45' D.S. F.L. = -'

STR. NO. C7 – STA.378+27.00, NA'NA
EXT. EXIST. 2-8'x7'-x54 RDY. RCB 19' LG.LT. & 19' LG.RT.
F.L. = 601.36'

STR. NO. H-05 – STA.378+32.00, 33' LT
CONST. DESIGN 2(C) INLET W/ 0 LF 18" RCP FROM STR.C7
T.C. = 613.02' GRATE = 612.52'
F.L. = 606.77' D.S. F.L. = -'

STR. NO. I-05 – STA.378+32.00, 33' RT
CONST. DESIGN 2(D) INLET W/ 0 LF 18" RCP FROM STR.C7
T.C. = 613.02' GRATE = 612.52'
F.L. = 608.1' D.S. F.L. = -'

STR. NO. H-06 – STA.385+53.00, 33' LT
CONST. DESIGN 3(STD.) INLET W/ 0 LF 18" RCP FROM STR.C8
T.C. = 618.06' GRATE = 617.56'
F.L. = 613' D.S. F.L. = -'

STR. NO. I-06 – STA.385+53.00, 33' RT
CONST. DESIGN 3(STD.) INLET W/ 0 LF 18" RCP FROM STR.C8
T.C. = 618.06' GRATE = 617.56'
F.L. = 614.2' D.S. F.L. = -'

STR. NO. C8 – STA.385+53.10, NA'NA
EXT. EXIST. 4'x3' x5.4' RDY, RCB 15' LG.
LT. & 23' LG. RT.
F.L. = 611.46'

STR. NO. H-07 – STA.387+60.00, 33' LT
CONST. DESIGN 3(STD.) INLET W/ 199 LF 18" RCP FROM STR.H-06
T.C. = 621.5' GRATE = 621'
F.L. = 616.8' D.S. F.L. = 613.81'

STR. NO. SD3 – STA.388+80.00, 52' RT
CONST. 18"X91' RCP SD W/ A4 CET
F.L. = 622.4'

STR. NO. I-07 – STA.389+70.00, 33' RT
CONST. 5' X 13' CONC. FLUME

L=135.00'
K=186.92

VPC 375+07.50
EL 609.91

VPT 376+42.50
EL 611.08

CL US-259

VPI 378+00.00
EL 613.00

PVI 379+50.00
EL 614.00

PVI 380+35.00
EL 615.00

EXIST. CL US-259

+0.50%
+1.22%
+1.22%
+0.67%
+0.67%
+1.18%
+0.60%
+1.13% RT
+0.36% RT
+0.51% RT
-0.94% RT
-3.41% RT
199 LF 18" RCP @ 1.50%
+1.59% RT
+3.16% RT
+2.43% RT
+2.60% RT
+2.58% RT
+2.33% RT

VPI 375+75.00
EL 610.25

VPC 377+32.50
EL 612.17

VPT 378+67.50
EL 613.45

L=135.00'
K=243.00

RT 379+00.00
EL 609.25

RT 379+60.00
EL 610.80

RT 378+36.00
EL 601.36

RT 382+00.00
EL 613.50

RT SP Ditch

RT 383+40.00
EL 614.00

RT 384+38.00
EL 614.50

RT 385+18.00
EL 613.75

RT 385+40.00
EL 613.00

RT 386+80.00
EL 615.63

RT 387+85.00
EL 617.30

RT SP Ditch

RT 388+80.00
EL 620.30

RT 389+50.00
EL 622.00

FG= 609.88 EX= 612.64
FG= 610.60 EX= 612.94
FG= 611.78 EX= 613.44
FG= 612.91 EX= 613.93
FG= 613.67 EX= 614.34
FG= 614.59 EX= 614.80
FG= 615.09 EX= 615.29
EX= 615.72
EX= 616.17
EX= 616.68
EX= 617.48
EX= 618.70
EX= 620.39
EX= 622.35
EX= 624.58
EX= 626.80

660 655 650 645 640 635 630 625 620 615 610 605 600 595 590 585 580 575 570 565

375+00.00 376+00.00 377+00.00 378+00.00 379+00.00 380+00.00 381+00.00 382+00.00 383+00.00 384+00.00 385+00.00 386+00.00 387+00.00 388+00.00 389+00.00 390+00.00

7/8/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R019

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

BATSON, MICHAEL DALE & ROBYN ELIZEBETH BASTON REV LIV TRUST 450005553

SEC 12 T-5-S, R-24-E

395+00

400+00

POST OAK RD

STA. 394+21.49
15' R CONST. 88.5'
CONC. DR. 65' LT

TOC/TOS

BM #58

PRES. R/W

65'

CL US-259

12' 12' 12' 12'

N 22°50'13.4" W
3,661.40'

390+00.00

405+00.00

I-08

I-09

I-10

+74'
65'

+99
110'

SD4

HIDDENLAKE RD.

PC 392+00.2890

STA. 391+28.20
CONST. 20' CONC. DR.
W/ 18" RCP SD

STA 391+26
@ 24"X40' long comp sd
36' ft @ ft in 625.7
ft out 625.38

STA 393+82
@ 19"X14"X40' long
71' ft @ ft in 628.32
ft out 627.82

CHOCTAW NATION OF OKLAHOMA 450005554

SEC 12 T-5-S, R-24-E

QUARTER SECTION LINE
N88°03'03"E

PI 401+44.70

WHEELER, KAREN J 450005540

TOC/TOS

STA. 404+96.37
CONST. 22' CONC. DR.

PRES. R/W

J-04

J-03

MH-J3

MH-J2

J-02

110'

+00
110'

PI 401+44.6969
Δ 18°43'11.3857" RT
D 00°59'59.9987"
T 944.41SF
L 1871.98SF
R 5729.58SF
PC 392+00.29
PT 410+72.27

USA 450042494

STA 403+73
@ 18"X33' long comp sd
31' ft @ ft in 642.89
ft out 642.87

LEGEND

- OVERLAY
- PAVEMENT/DRIVEWAY/PARKING
- SIDEWALK

BM #58
DELL POST 52' LT
STA. 391+66 ELEV. 625.43

BM #59
DELL POST 45 LT
STA. 398+82 ELEV. 642.52

STR. NO. SD4 – STA.390+95.00, 53.5'
CONST. 18"X65' RCP SD W/ A4CET
F.L. = 625.8'

STR. NO. I-08 – STA.39215, 33' RT
CONST. 5' X 15' CONC. FLUME

STR. NO. I-09 – STA.395+25.00, 33' RT
CONST. 5' X 10' CONC. FLUME

STR. NO. I-10 – STA.397+75.00, 33' RT
CONST. 5' X 8' CONC. FLUME

STR. NO. J-03 – STA.401+80.00, 33' RT
CONST. DESIGN 2(B) INLET W/ 7' LF 18"
T.C. = 645.6' GRATE = 645.1'
F.L. = 640.75' D.S. F.L. = 640.5'

STR. NO. MH-J3 – STA.401+80.00, 42'
CONST. 4' DIA. MANHOLE W/ 170 LF
18" RCP FROM STR. MH-J2
T.C. = 646.05' GRATE = 645.55'
F.L. = 639.55' D.S. F.L. = 639'

STR. NO. J-04 – STA.401+80.00, 33' LT
CONST. DESIGN 2(STD.) INLET W/ 64
LF 18" RCP FROM STR. J-03
T.C. = 645.6' GRATE = 645.1'
F.L. = 641.25' D.S. F.L. = 640.75'

STR. NO. MH-J2 – STA. 403+55.00, 42'
CONST. 4' DIA. MANHOLE W/ 200 LF
18" RCP FROM STR. MH-J1
T.C. = 647' GRATE = 646.5'
F.L. = 638.9' D.S. F.L. = 638.2'

STR. NO. J-02 – STA. 403+55.00, 33' RT
CONST. DESIGN 2(B) INLET W/ 7' LF 18"
RCP FROM STR. MH-J2
T.C. = 646' GRATE = 645.5'
F.L. = 641.5' D.S. F.L. = 641.25'

EXIST. CL US-259

+2.60% RT
+0.82% RT
+3.21% RT
+2.68% RT
+2.27% RT
+1.92% RT

RT 390+50.00
EL 624.60

RT 391+60.00
EL 625.50

RT 393+00.00
EL 630.00

RT 395+00.00
EL 635.35

RT SP Ditch

RT 396+50.00
EL 638.75

RT 397+80.00
EL 641.25

170 LF 18" RCP @ 0.32%

200 LF 18" RCP @ 0.35%

J-03

J-02

MH-J3

MH-J2

680 675 670 665 660 655 650 645 640 635 630 625 620 615 610 605 600 595 590 585

EX= 626.80 | EX= 628.97 | EX= 631.16 | EX= 633.42 | EX= 635.70 | EX= 638.00 | EX= 640.05 | EX= 641.84 | EX= 643.49 | EX= 644.68 | EX= 645.18 | EX= 645.61 | EX= 645.66 | EX= 645.80 | EX= 646.17 | EX= 646.42

390+00.00 391+00.00 392+00.00 393+00.00 394+00.00 395+00.00 396+00.00 397+00.00 398+00.00 399+00.00 400+00.00 401+00.00 402+00.00 403+00.00 404+00.00 405+00.00

7/8/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R020

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

SEC 12
T-5-S, R-24-E

WHEELER, KAREN J
450005540

VONEROSA PROPERTIES, LLC
450005523

7IL PROPERTIES LLC
450005512

HAUS, KELLI MICHELLE, TRUSTEE OF KELLI HAUS REV TRUST
450005511

EAGLE MOUNTAIN LAND &
450005541

USA
450042494

410+00

415+00

405+00.00

420+00.00

POST OAK RD

WHITE PINE RD

CL US-259

INSTALL RIP RAP

SEE SHEET RW02 & RW03 FOR RETAINING WALL DETAILS

SEE SHEET R026 FOR PARALLEL WING WALL WALL DETAILS "C9-LT"

TOC/TOS

PRES. R/W

STA. 413+75.00
CONST. 24' CONC. DR.

STA. 417+77.00
CONST. 38' CONC. DR.

BM #61

N04°07'02.0"W
970.97'

PT #10+72.27P6

STA. 407+05.00
CONST. 26' CONC. DR.
W/ 18" RCP SD

SEE SHEET R026 FOR PARALLEL WING WALL WALL DETAILS "C9-RT"

EXTEND

LEGEND

- OVERLAY
- PAVEMENT/DRIVEWAY/PARKING
- SIDEWALK

SEC 12
T-5-S, R-24-E

BM #60
DELL POST 46 LT
STA. 406+02 ELEV. 643.63

BM #61
DELL POST 51' LT
STA. 413+91 ELEV. 647.26

STR NO. MH-J1 – STA. 405+60.00, 42'
CONST 4' DIA. MANHOLE W/ 59 LF 18"
T.C. = 647.25'
F.L. = 638.1' D.S. F.L. = 637.75'

STR NO. J-01 – STA. 406+60.00, 67' RT
CONST AREA DROP INLET W/ 75 LF
30" RCP FROM STR. CET-J1
T.C. = 645.2' GRATE = 644.7'
F.L. = 636.75' D.S. F.L. = 636.5'

STR NO. CET-J1 – STA. 407+50.00, 67'
CONST. C4 CET
F.L. = 636.5'

STR NO. C9 – STA. 407+87.00, N/A'
EXT. EXIST. 8'X7'-X61' RDY. RCB 15'0 LG.
LT. & 21' LG. RT.
F.L. = 634.79'

STR NO. K-01 – STA. 408+90.00, 33' LT
CONST. DESIGN 3(STD.) INLET W/ 94
LF 18" RCP FROM STR. C9
T.C. = 644.7' GRATE = 644.2'
F.L. = 640.5' D.S. F.L. = 638.9'

STR NO. L-01 – STA. 408+90.00, 33' RT
CONST. DESIGN 3(STD.) INLET W/ 94
LF 18" RCP FROM STR. C9
T.C. = 644.7' GRATE = 644.2'
F.L. = 640.5' D.S. F.L. = 639.8'

STR NO. CET-M1 – STA. 416+50.00, 50'
CONST A4 CET
F.L. = 647.25'

STR NO. MH-M1 – STA. 417+00.00,
CONST. 4' DIA. MANHOLE W/ 140 LF
18" RCP FROM STR. CET-M1
T.C. = 656.5' GRATE = 656'
F.L. = 650' D.S. F.L. = 647.25'

STR NO. MH-M2 – STA. 418+31.00, 37'
CONST. 4' DIA. MANHOLE W/ 121 LF 18"
RCP FROM STR. MH-M1
T.C. = 658.4' GRATE = 657.9'
F.L. = 651.9' D.S. F.L. = 650'

STR NO. M-01 – STA. 418+31.00, 33' LT
CONST. DESIGN 2(CI) INLET W/ 1 LF 18"
RCP FROM STR. MH-M2
T.C. = 657.84' GRATE = 657.34'
F.L. = 653.05' D.S. F.L. = 653'

L=135.00'
K=80.51

L=150.00'
K=84.01

L=135.00'
K=93.17

L=135.00'
K=93.75

VPC 405+82.50 EL 646.61
PVI 405+75.00 EL 646.58
VPC 406+07.50 EL 645.29
HP 406+22.25 EL 646.70
VPI 406+50.00 EL 646.90
VPT 407+17.50 EL 646.21
VPC 408+07.50 EL 645.29
VPI 408+75.00 EL 644.60
LP 408+89.80 EL 644.87
VPT 409+42.50 EL 645.04
VPC 410+75.00 EL 645.91
VPI 411+50.00 EL 646.40
VPT 412+25.00 EL 648.23
VPC 413+32.50 EL 650.85
VPI 414+00.00 EL 652.50
VPT 414+67.50 EL 653.17

+0.43%
-1.02%
+0.65%
-1.35%
+2.44%
+1.00%

200 LF 18" RCP @ 0.35%
99 LF 18" RCP @ 0.35%
75 LF 18" RCP @ 0.33%
94 LF 18" RCP @ 0.74%
94 LF 18" RCP @ 1.70%
140 LF 18" RCP @ 1.96%
121 LF 18" RCP @ 1.57%
222 LF 18" RCP @ 1.40%

LT 406+60.00 EL 644.00
LT 406+90.00 EL 637.00
LT 407+64.00 EL 636.00
RT 406+90.00 EL 637.00
RT SP Ditch
LT SP Ditch

FG= 646.58
FG= 646.67
FG= 646.37
FG= 645.37
FG= 644.88
FG= 645.42
FG= 646.11
FG= 647.66
FG= 650.06
FG= 652.26
FG= 653.50

405+00.00 406+00.00 407+00.00 408+00.00 409+00.00 410+00.00 411+00.00 412+00.00 413+00.00 414+00.00 415+00.00 416+00.00 417+00.00 418+00.00 419+00.00 420+00.00

700 695 690 685 680 675 670 665 660 655 650 645 640 635 630 625 620 615 610 605 600

7/8/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R021

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

PI 431+91.1730
Δ 22°39'30.8915" LT
D 00°59'59.9987"
T 1147.93SF
L 2265.86SF
R 5729.58SF
PC 420+43.24
PT 443+09.10

0 50' 100'
SCALE IN FEET

SEC 12
T-5-S, R-24-E

SEC 1
T-5-S, R-24-E

DANIEL, MICHAEL &
4500046202

WAGNER, EDWARD A
& BARBARA A
450005519

STA 426+67
@ 24"x62" rcp crossing
27' rt, 35' lt, rdy flin 657.66
fl out 653.65
EXTEND

425+00

SECTION LINE
N88°04'21"E

430+00

DUNCAN, HENRY
450005463

PINYON RD

STA. 434+40.00, 25' R
CONST. 33' CONC. DR. 65' LT

STA. 429+45.00
CONST. 36.5' CONC. DR.

INSTALL RIP RAP
INSTALL RIP RAP
INSTALL HANDRAILING (R032)

MCCURTAIN COUNTY
NATIONAL BANK
450043584

TOC/TOS
PRES. R/W
PRES. R/W
PRES. R/W

420+00.00
435+00.00

PC 420+43.2436
+43' 65'
+18' 120'
+72' 120'
+89' 120'
+80' 165'
+43' 100'
+94' 110'
+59' 65'
+35' 110'
+52' 110'

MH-M3
M-02
MH-M4
M-04
JB-N1
MH-N1
N-02
MH-O3
O-03
O-04
M-03
C10
N-01

CL US-259

BM #62
BM #63

USA
450042494

USA
450042493

PI 431+91.17

SEC 12
T-5-S, R-24-E

SEC 1
T-5-S, R-24-E

LEGEND
OVERLAY
PAVEMENT/DRIVEWAY/PARKING
SIDEWALK

710

705 700 695 690 685 680 675 670 665 660 655 650 645 640 635 630 625 620 615 610

STR. NO. MH-M3 ~ STA. 420+50.00, 42'
CONST. 4' DIA. MANHOLE W/ 222 LF
T.C. = 662.3' GRATE = 661.8'
F.L. = 655' D.S. F.L. = 651.9'

STR. NO. M-03 ~ STA. 420+50.00, 6' RT
CONST. DESIGN 1(D) INLET W/ 37 LF
T.C. = 661.65' GRATE = 661.15'
F.L. = 656.94' D.S. F.L. = 656.09'

BM #62
DELL POST 18 LT
STA: 421+81 ELEV: 661.90

STR. NO. M-02 ~ STA. 420+50.00, 33'
CONST. DESIGN 3(STD.) INLET W/ 7 LF
18" RCP FROM STR. MH-M3
T.C. = 660.09' GRATE = 659.3'
F.L. = 656.09' D.S. F.L. = 655.75'

STR. NO. MH-M4 ~ STA. 422+80.00, 42'
CONST. 4' DIA. MANHOLE W/ 225 LF
18" RCP FROM STR. MH-M3
T.C. = 664.3' GRATE = 663.8'
F.L. = 657.8' D.S. F.L. = 655'

STR. NO. M-04 ~ STA. 422+60.00, 33'
CONST. DESIGN 3(STD.) INLET W/ 7 LF
18" RCP FROM STR. MH-M4
T.C. = 663.55' GRATE = 663.05'
F.L. = 658.84' D.S. F.L. = 658.5'

STR. NO. C10 ~ STA. 426+67.20, N/A'
EXT. EXIST. 24"DIAM.x62' RDY. RCP 11'
LG. LT. 259 LG (RT.
F.L. = 659.28'

STR. NO. JB-N1 ~ STA. 426+71.50, 42'
CONST. 4' SQUARE JUNCTION BOX
T.C. = -'GRATE = 656.75'
F.L. = 653.2' D.S. F.L. = -'

STR. NO. N-01 ~ STA. 427+35.00, 3.3° LT
CONST. DESIGN 1(A.) INLET W/ 37' LF
18" RCP FROM STR. MH-N1
T.C. = 663.05' GRATE = 662.55'
F.L. = 658.75' D.S. F.L. = 657.75'

STR. NO. MH-N1 ~ STA. 427+35.00, 42'
CONST. 4' SQUARE MANHOLE W/ 58
LF 18" RCP FROM STR. JB-N1
T.C. = 663' GRATE = 662.5'
F.L. = 655.75' D.S. F.L. = 653.2'

STR. NO. N-02 ~ STA. 428+50.00, 33° LT
CONST. DESIGN 1(D) INLET W/ 112 LF
18" RCP FROM STR. MH-N1
T.C. = 661.45' GRATE = 660.95'
F.L. = 656.25' D.S. F.L. = 655.85'

BM #63
DELL POST 51 LT
STA: 429+88 ELEV: 655.73

STR. NO. MH-O3 ~ STA. 432+85.00, 42'
CONST. 4' DIA. MANHOLE W/ 235 LF
18" RCP FROM STR. MH-O2
T.C. = 658.5' GRATE = 658'
F.L. = 652' D.S. F.L. = 649.85'

STR. NO. O-03 ~ STA. 432+85.00, 33'
CONST. DESIGN 2(C) INLET W/ 7 LF 18"
RCP FROM STR. MH-O3
T.C. = 658.5' GRATE = 658'
F.L. = 654' D.S. F.L. = 653.75'

STR. NO. O-04 ~ STA. 432+85.00, 3.25°
CONST. DESIGN 1(B) INLET W/ 28 LF
18" RCP FROM STR. O-03
T.C. = 659.1' GRATE = 658.6'
F.L. = 654.75' D.S. F.L. = 654'

225 LF 18" RCP @ 1.24%
37 LF 18" RCP @ 5.24%
140 LF 18" RCP @ 1.96%
112 LF 18" RCP @ 0.45%
235 LF 18" RCP @ 0.96%

LT 426+40.00
EL 662.50
4.31.67%~LT
4.00% LT
LT 426+70.00
EL 653.00
LT 427+00.00
EL 651.80
LT SP Ditch

EXIST. CL US-259

420+00.00 421+00.00 422+00.00 423+00.00 424+00.00 425+00.00 426+00.00 427+00.00 428+00.00 429+00.00 430+00.00 431+00.00 432+00.00 433+00.00 434+00.00 435+00.00

7/8/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R022

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

SEC 1
T-5-S, R-24-E

440+00

445+00

435+00.00

MCCURTAIN COUNTY NATIONAL BANK 450043584

CUNNINGHAM & DUNCAN LLC 450041277

USA 450042493

INSTALL RIP RAP

SEE SHEET R026 FOR PARALLEL WING WALL WALL DETAILS "C11-LT"

INSTALL HANDRAILING (R032)

TOC/TOS

PRES. R/W

MH-O2 MH-O1 MH-P1 O-02 O-01 C11 P-01 P-02

PT 443+09.10

CL US-259
N 26°46'32.9" W
4,853.25'

+24 90'
+99 65'
+99 90'
+24 65'
+02 65'
+55 90'

65' 90' 12' 12' 12' 12' 12' 12' 12'

CONCRETE

BM #64
BM #65
BM #66

Low with Clearance = 18.49'

SH-259A (NORTH)

EXTEND

STA437+97
@ 10'x8'x52' rcb crossing @
25 rt, 24' lt, rdy fl_in 644.08
fl_out 643.76

STA446+47
@ 2.8'x6'x48' rcb crossing
@ 24' lt, 24' rt, rdy fl_in 652.05
fl_out 652.00

STA447+38
@ 18'x62' long comp sd
54' lt, @ fl_in 655.06
fl_out 654.41

STA448+44
@ 18'x39' long comp sd
45' lt, @ fl_in 659.18
fl_out 658.27

QUARTER SECTION LINE
N01°51'03"W

LEGEND
OVERLAY
PAVEMENT/DRIVEWAY/PARKING
SIDEWALK

SEC 1
T-5-S, R-24-E

BM #64
X CUT ON CONC. MANHOLE
NE SIDE 127' RT
STA. 435+43 ELEV. 653.83

BM #65
DELL POST 86' RT
STA. 656.97 ELEV. 442+26

BM #66
X CUT ON HEADWALL 24' RT
STA. 446+67 ELEV. 659.68

STR NO. MH-O2 ~ STA.435+25.00, 42'
CONST. 4' DIA. MANHOLE W/ 150 LF
T.C. = 656.25' GRATE = 655.75'
F.L. = 649.75' D.S. F.L. = 649.35'

STR. NO. O-02 ~ STA.435+25.00, 33'
CONST. DESIGN 2(C) INLET W/ 7 LF 18" RCP FROM STR.MH-O2
T.C. = 656.2' GRATE = 655.7'
F.L. = 651.5' D.S. F.L. = 651.25'

STR. NO. MH-O1 ~ STA.436+60.00, 42'
CONST. 4' DIA. MANHOLE W/ 134 LF
T.C. = 656.25' GRATE = 655.75'
F.L. = 649.25' D.S. F.L. = 648'

STR. NO. O-01 ~ STA.436+60.00, 33'LT
CONST. DESIGN 3(STD.) INLET W/ 7 LF 18" RCP FROM STR.MH-O1
T.C. = 655.85' GRATE = 655.35'
F.L. = 651.5' D.S. F.L. = 651.25'

STR. NO. C11 ~ STA.437+97.00, NA' NA
EXT. EXIST. 10'X8'X52' RDY, RCB 22'
LG. LT. IN 3 CELLS, RT.
F.L. = 644.08'

STR. NO. MH-P1 ~ STA.439+00.00, 42'
CONST. 4' DIA. MANHOLE W/ 100 LF 18" RCP FROM STR.C11
T.C. = 657' GRATE = 656.5'
F.L. = 650.5' D.S. F.L. = 648.6'

STR. NO. P-01 ~ STA.439+00.00, 33'LT
CONST. DESIGN 2(B) INLET W/ 7 LF 18" RCP FROM STR.MH-P1
T.C. = 656.6' GRATE = 656.1'
F.L. = 652.25' D.S. F.L. = 652'

STR. NO. P-02 ~ STA.439+00.00, 5.9'
CONST. DESIGN 1(B) INLET W/ 37 LF 18" RCP FROM STR.P-01
T.C. = 657.42' GRATE = 656.92'
F.L. = 653' D.S. F.L. = 652.25'

130 LF 18" RCP @ 0.38%
134 LF 18" RCP @ 0.93%
100 LF 18" RCP @ 1.90%

MH-O2 O-02 MH-O1 O-01 C11 P-01 P-02 MH-P1

EXIST. CL US-259

STA 446+00.00
END PROJECT

MATCH EXISTING

EX= 656.32 EX= 656.04 EX= 655.88 EX= 656.07 EX= 656.60 EX= 657.09 EX= 657.60 EX= 658.14 EX= 658.85 EX= 659.45 EX= 660.11 EX= 660.88 EX= 661.56 EX= 662.40 EX= 663.56 EX= 664.96

705 700 695 690 685 680 675 670 665 660 655 650 645 640 635 630 625 620 615 610

435+00.00 436+00.00 437+00.00 438+00.00 439+00.00 440+00.00 441+00.00 442+00.00 443+00.00 444+00.00 445+00.00 446+00.00 447+00.00 448+00.00 449+00.00 450+00.00

7/8/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R023

0 20' 40'
SCALE IN FEET

OKLAHOMA DEPARTMENT OF TRANSPORTATION

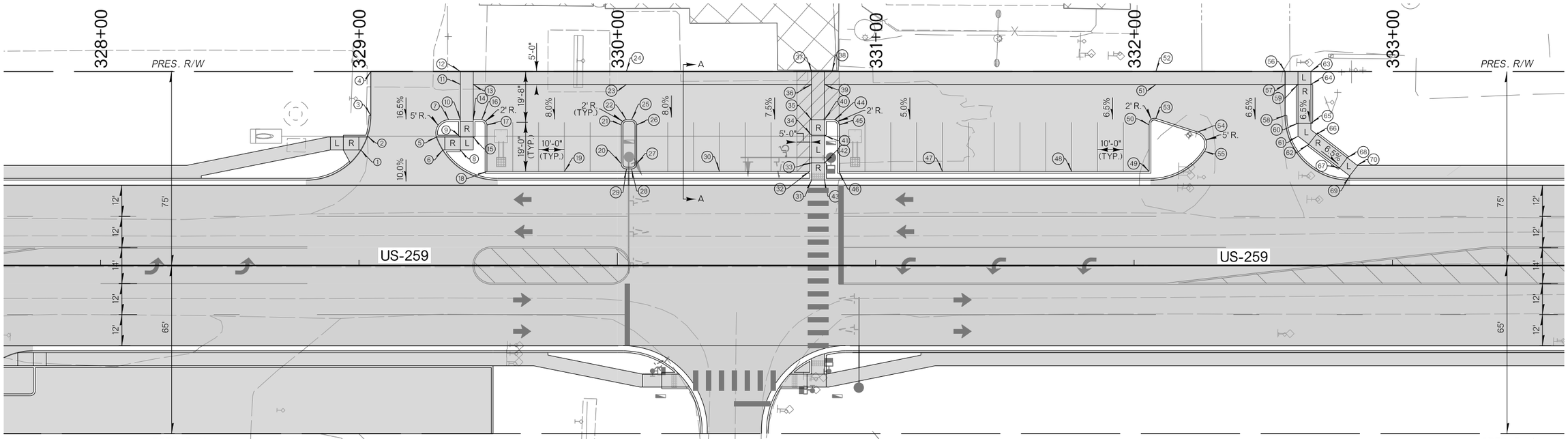
FED. ROAD DIST. NO.	STATE	JOB-PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

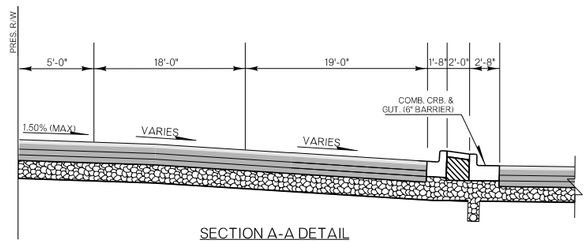
DESCRIPTION	REVISIONS	DATE

POINT NO.	STATION	OFFSET	ELEV.	DESCRIPTION
1	329+00.7	44.70	631.66	FACE OF SIDEWALK PATH/BOTTOM OF RAMP
2	329+03.3	50.00	631.74	BACK OF SIDEWALK
3	329+04.6	58.00	633.06	TOP OF PAVEMENT/BOTTOM OF CURB/PT
4	329+04.6	75.00	635.39	DRIVEWAY/MATCH EXISTING
5	329+30.0	49.70	632.24	BACK OF SIDEWALK
6	329+32.4	44.70	632.16	FACE OF SIDEWALK PATH/BOTTOM OF RAMP
7	329+34.7	56.30	632.72	TOP OF PAVEMENT/BOTTOM OF CURB/PC
8	329+39.2	44.70	632.66	TOP OF RAMP
9	329+39.2	49.70	632.74	TOP OF RAMP
10	329+39.2	56.30	632.40	BOTTOM OF RAMP
11	329+39.2	70.00	634.55	FACE OF SIDEWALK PATH
12	329+39.2	75.00	634.62	DRIVEWAY/MATCH EXISTING
13	329+44.2	70.00	634.60	FACE OF SIDEWALK PATH
14	329+44.2	56.30	632.48	BOTTOM OF RAMP
15	329+44.2	49.70	632.81	TOP OF RAMP
16	329+47.5	56.30	632.40	TOP OF PAVEMENT/BOTTOM OF CURB/PT
17	329+49.5	54.30	632.51	TOP OF PAVEMENT/BOTTOM OF CURB/PC
18	329+49.5	36.30	631.37	TOP OF PAVEMENT/BOTTOM OF CURB
19	329+79.5	36.30	631.83	TOP OF PAVEMENT/BOTTOM OF CURB

POINT NO.	STATION	OFFSET	ELEV.	DESCRIPTION
20	330+01.5	39.30	632.20	TOP OF PAVEMENT/BOTTOM OF CURB/PC
21	330+01.5	54.30	633.33	TOP OF PAVEMENT/BOTTOM OF CURB/PT
22	330+03.6	56.30	633.38	TOP OF PAVEMENT/BOTTOM OF CURB/PC
23	330+03.6	70.00	634.55	FACE OF SIDEWALK PATH
24	330+03.6	75.00	634.62	DRIVEWAY/MATCH EXISTING
25	330+03.6	56.30	633.40	TOP OF PAVEMENT/BOTTOM OF CURB/PT
26	330+07.5	54.30	633.35	TOP OF PAVEMENT/BOTTOM OF CURB/PC
27	330+07.5	39.30	632.22	TOP OF PAVEMENT/BOTTOM OF CURB/PT
28	330+05.5	37.30	632.17	TOP OF PAVEMENT/BOTTOM OF CURB/PC
29	330+03.6	37.30	632.15	TOP OF PAVEMENT/BOTTOM OF CURB/PT
30	330+39.5	36.30	632.56	TOP OF PAVEMENT/BOTTOM OF CURB

POINT NO.	STATION	OFFSET	ELEV.	DESCRIPTION
31	330+75.0	33.00	632.94	BOTTOM OF RAMP
32	330+74.4	36.30	633.04	TOP OF PAVEMENT/BOTTOM OF CURB
33	330+75.0	39.70	633.44	TOP OF RAMP
34	330+75.0	50.30	634.13	TOP OF RAMP
35	330+75.0	56.30	633.80	BOTTOM OF RAMP
36	330+75.0	70.00	634.81	FACE OF SIDEWALK PATH
37	330+75.0	75.00	634.88	BACK OF DRIVEWAY/SIDEWALK PATH
38	330+83.1	75.00	634.94	BACK OF DRIVEWAY/SIDEWALK PATH
39	330+80.1	70.00	634.87	FACE OF SIDEWALK PATH
40	330+80.1	56.30	633.86	BOTTOM OF RAMP
41	330+80.1	50.30	634.19	TOP OF RAMP
42	330+80.1	39.70	633.50	TOP OF RAMP
43	330+80.1	33.00	633.00	BOTTOM OF RAMP
44	330+84.0	56.30	633.86	TOP OF PAVEMENT/BOTTOM OF CURB/PC
45	330+85.8	54.30	633.86	TOP OF PAVEMENT/BOTTOM OF CURB/PT
46	330+85.8	36.30	633.10	TOP OF PAVEMENT/BOTTOM OF CURB
47	331+25.8	36.30	633.61	TOP OF PAVEMENT/BOTTOM OF CURB





SECTION A-A DETAIL

POINT NO.	STATION	OFFSET	ELEV.	DESCRIPTION
48	331+75.8	36.30	634.08	TOP OF PAVEMENT/BOTTOM OF CURB
49	332+05.8	36.30	634.34	TOP OF PAVEMENT/BOTTOM OF CURB
50	332+05.8	54.30	635.58	TOP OF PAVEMENT/BOTTOM OF CURB/PC
51	332+08.4	70.00	636.43	FACE OF SIDEWALK PATH
52	332+08.4	75.00	636.50	DRIVEWAY/MATCH EXISTING
53	332+08.4	56.70	635.58	TOP OF PAVEMENT/BOTTOM OF CURB/PT
54	332+24.6	51.70	635.46	TOP OF PAVEMENT/BOTTOM OF CURB/PC
55	332+27.2	44.10	635.13	TOP OF PAVEMENT/BOTTOM OF CURB/PT
56	332+58.4	75.00	637.32	DRIVEWAY/MATCH EXISTING
57	332+58.4	70.00	637.25	FACE OF SIDEWALK PATH
58	332+58.4	58.00	636.47	TOP OF PAVEMENT/BOTTOM OF CURB/PC
59	332+63.4	70.00	637.15	FACE OF SIDEWALK/TOP OF RAMP
60	332+63.4	55.00	636.18	BOTTOM OF RAMP
61	332+63.4	50.00	636.15	FACE OF SIDEWALK
62	332+67.5	34.70	636.12	TOP OF RAMP
63	332+68.4	75.00	637.30	DRIVEWAY/MATCH EXISTING
64	332+68.4	70.00	637.23	FACE OF SIDEWALK/TOP OF RAMP
65	332+68.4	55.00	636.25	BOTTOM OF RAMP
66	332+70.6	50.80	636.20	TOP OF RAMP
67	332+79.5	37.70	635.15	FACE OF SIDEWALK/BOTTOM OF RAMP
68	332+82.5	41.70	635.22	BACK OF SIDEWALK/BOTTOM OF RAMP
69	332+83.4	34.70	635.07	FACE OF SIDEWALK
70	332+86.3	38.80	635.15	BACK OF SIDEWALK

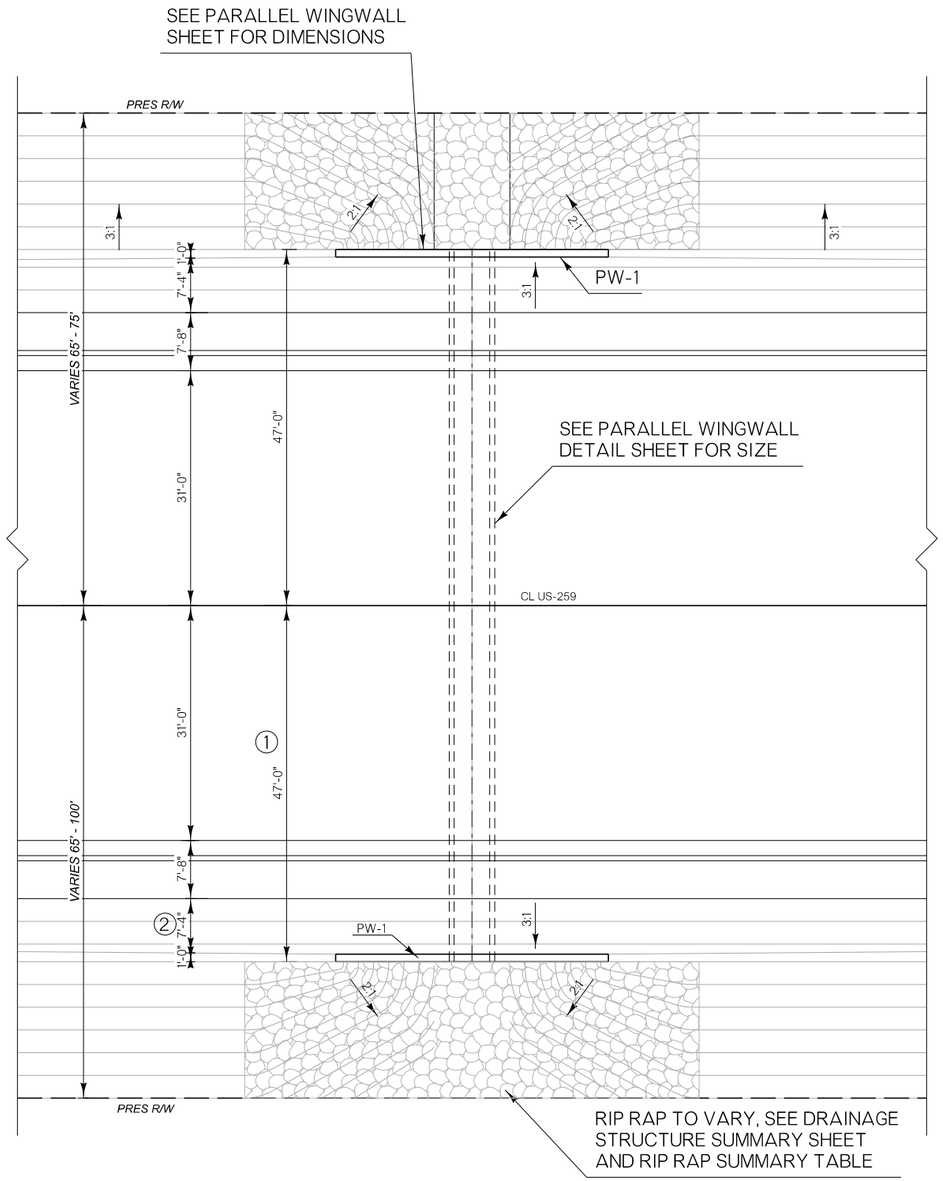
DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			SH-259A SOUTH PARKING LOT DETAILS
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R024

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE



GRADING DETAIL AT PARALLEL WINGWALLS
NOT TO SCALE

① 52'-0" AT C9

② 12'-4" AT C9

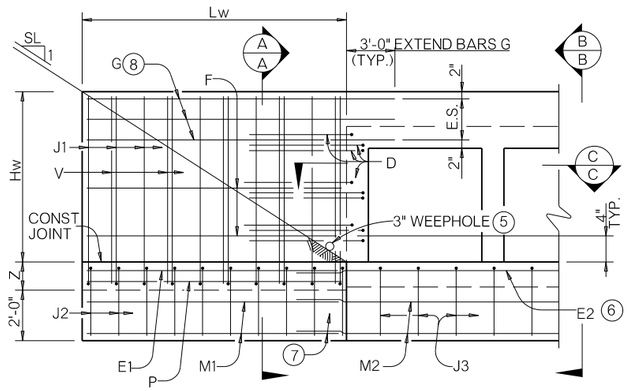
7/8/2024

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		GRADING DETAIL AT PARALLEL WINGWALLS
APPROVED		
SQUAD		

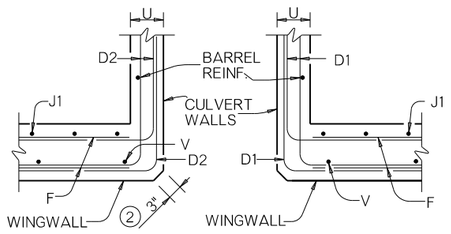
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R025

TABLE OF DIMENSIONS AND REINFORCING STEEL FOR CONCRETE WINGWALLS - BOX STRUCTURES

STRUCTURE NUMBER	CL STATION	OFFSET	LOCATION		DIMENSIONS						VARIABLE REINFORCING				ESTIMATED QUANTITIES OF WINGWALL (2 WINGS) NOTE 4		ESTIMATED QUANTITIES OF TOEWALL (1 TOEWALL)	
					WINGWALL MAX HEIGHT (Hw)	Lw (Ft.)	W	X	Y	Z	BARS J1		BARS J2					
			LT	RT							SIZE	SPA.	SIZE	SPA.	REINF. (LB.)	CONC. (CY)	REINF. (LB.)	CONC. (CY)
C2	349+00.00	47	X		9'-6"	19	6'-0"	2'-10"	2'-2"	9"	#5	6"	#5	6"	2,982	22	51	1
		47		X	9'-6"	19	6'-0"	2'-10"	2'-2"	9"	#5	6"	#5	6"	2,982	22	51	1
C3	362+61.00	47	X		10'-6"	21	6'-5"	3'-0"	2'-5"	9"	#6	6"	#5	6"	4,122	26	68	1
		47		X	9'-6"	19	6'-0"	2'-10"	2'-2"	9"	#5	6"	#5	6"	2,982	22	66	1
C6	375+83.00	47	X		8'-6"	17	5'-6"	2'-8"	1'-10"	8"	#5	6"	#5	6"	2,456	17	48	1
		47		X	6'-6"	13	4'-4"	2'-0"	1'-4"	7"	#5	1'-0"	#5	1'-0"	1,106	10	42	1
C7	378+27.00	47	X		11'-6"	23	7'-2"	3'-6"	2'-8"	11"	#6	6"	#6	6"	5,293	34	188	3
		47		X	9'-6"	19	6'-0"	2'-10"	2'-2"	9"	#5	6"	#5	6"	2,982	22	166	3
C8	385+53.10	47	X		6'-6"	13	4'-4"	2'-0"	1'-4"	7"	#5	1'-0"	#5	1'-0"	1,106	10	42	1
		47		X	5'-6"	11	3'-9"	1'-7"	1'-2"	7"	#4	1'-0"	#4	1'-0"	743	8	41	1
C9	407+87.00	47	X		9'-6"	19	6'-0"	2'-10"	2'-2"	9"	#5	6"	#5	6"	2,982	22	82	2
		52		X	9'-6"	19	6'-0"	2'-10"	2'-2"	9"	#5	6"	#5	6"	2,982	22	82	2
C11	437+97.00	47	X		10'-6"	21	6'-5"	3'-0"	2'-5"	9"	#6	6"	#5	6"	4,122	26	109	2
														TOTAL:	36,840	263	1,036	20



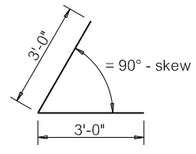
PARTIAL ELEVATION - PW-1



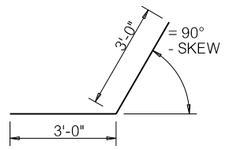
SECTION C-C - PW-1

TABLE OF WINGWALL REINFORCING (2~WINGS)			
BAR	SIZE	NO.	SPA
D1	#6	~	1'-0"
D2	#6	~	1'-0"
E1	#4	~	1'-0"
F	#4	~	1'-0"
G	#6	~	8"
M1	#4	4	~
P	#4	~	1'-0"
V	#4	~	1'-0"

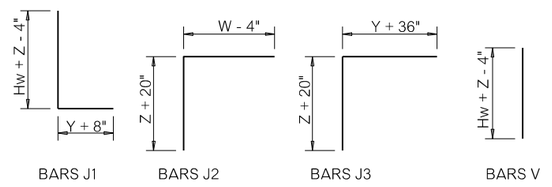
TABLE OF TOEWALL REINFORCING			
BAR	SIZE	NO.	SPA
J3	#4	~	1'-0"
M2	#4	2	~
E2	#4	~	1'-0"



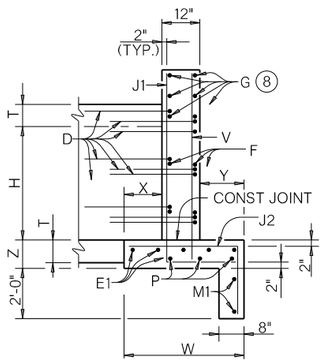
BARS D1



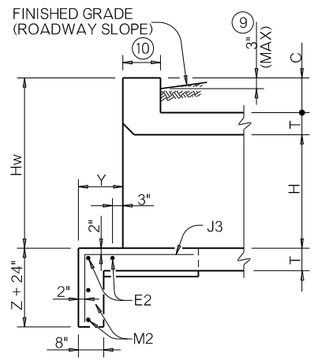
BARS D2



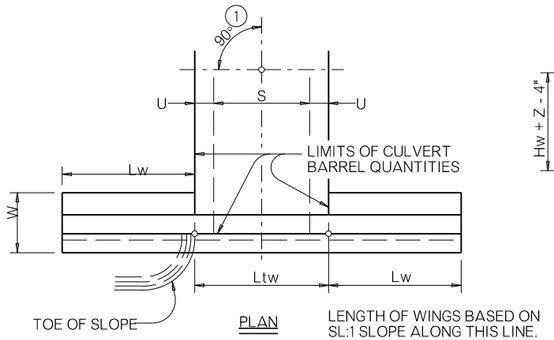
BARS J1 BARS J2 BARS J3 BARS V



SECTION A-A
(SHOWING WING REINFORCEMENT.)



SECTION B-B
(SHOWING WING REINFORCEMENT.)



PLAN

LENGTH OF WINGS BASED ON SL:1 SLOPE ALONG THIS LINE.

DETAILS FOR
NON-SKEWED BOX CULVERTS

Hw = HEIGHT OF WINGWALL
Lw = LENGTH OF WINGWALL
Ltw = CULVERT TOEWALL LENGTH
N = NUMBER OF CULVERT SPANS
SL:1 = CHANNEL SLOPE RATIO.
(HORIZONTAL: 1 VERTICAL, USUAL VALUE IS 2:1)

SEE APPLICABLE BOX CULVERT STANDARD SHEET FOR S, H, T, AND U VALUES.

(1) SKEW = 0°

(2) AT DISCHARGE END, CHAMFER MAY BE ¾" MINIMUM.

(3) FOR 15° SKEW ~ 1"
FOR 30° SKEW ~ 2"
FOR 45° SKEW ~ 3"

(4) QUANTITIES SHOWN ARE FOR TWO TYPE PW-1 WINGS. QUANTITIES SHOWN DO NOT INCLUDE WEIGHT OF BARS D.

(5) PROVIDE WEEPHOLES FOR Hw = 5'-0" AND GREATER. FILL AROUND WEEPHOLES WITH COARSE GRAVEL.

(6) EXTEND BARS E2 1'-6" MINIMUM INTO THE WINGWALL FOOTING.

(7) LAP BARS M1 1'-6" MINIMUM WITH BARS M2.

(8) PLACE BARS G AS SHOWN, EQUALLY SPACED AT 8" MAXIMUM. PROVIDE AT LEAST TWO PAIRS OF BARS G PER WING.

(9) FOR VEHICLE SAFETY, THE FOLLOWING REQUIREMENTS MUST BE MET:
- FOR STRUCTURES WITHOUT BRIDGE RAIL, CONSTRUCT CURBS NO MORE THAN 3" ABOVE FINISHED GRADE.
- FOR STRUCTURES WITH BRIDGE RAIL, CONSTRUCT CURBS FLUSH WITH FINISHED GRADE.

REDUCE CURB HEIGHTS, IF NECESSARY, TO MEET THE ABOVE REQUIREMENTS. NO CHANGES WILL BE MADE IN QUANTITIES AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THIS WORK.

(10) 1'-0" TYPICAL. 2'-3" WHEN THE BOX CULVERT RAIL MOUNTING DETAILS (RAC) STANDARD SHEET IS REFERRED TO ELSEWHERE IN THE PLANS.

(11) 3'-0" FOR HW < 4'.

(12) 6" FOR HW < 4'.

DESIGNER NOTES:
TYPE PW-1 CAN BE USED FOR ALL APPLICATIONS AND MUST BE USED IF RAILING IS TO BE MOUNTED TO THE WINGWALL.

MATERIAL NOTES:
PROVIDE CLASS AA CONCRETE (f'c=4,000 PSI).
PROVIDE GRADE 60 REINFORCING STEEL.
PROVIDE GALVANIZED REINFORCING STEEL IF REQUIRED ELSEWHERE IN THE PLANS.

GENERAL NOTES:
DESIGNED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
DEPTH OF TOEWALLS FOR WINGWALLS AND CULVERTS MAY BE REDUCED OR ELIMINATED WHEN FOUNDED ON SOLID ROCK, WHEN DIRECTED BY THE ENGINEER.

QUANTITIES ARE FOR CONCRETE AND REINFORCING STEEL.

CONTACT ENGINEER IF HEIGHTS EXCEED "Hw"

COVER DIMENSIONS ARE CLEAR DIMENSIONS, UNLESS NOTED OTHERWISE. REINFORCING DIMENSIONS ARE OUT-TO-OUT OF BARS.

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

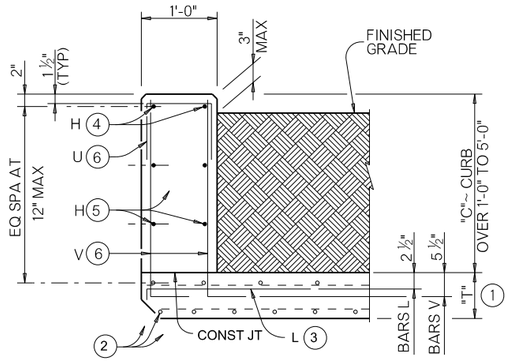
DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD		

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

PARALLEL WINGWALL DETAILS (BOX STRUCTURES)

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R026

7/8/2024



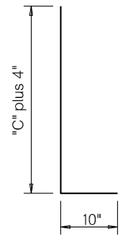
TYPICAL SECTION

USED FOR CURBS OVER 1'-0" TO 5'-0"

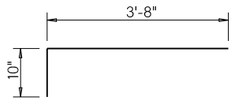
8

HEADWALL QUANTITIES							
STRUCTURE NUMBER	CL STATION	OFFSET	LOCATION		TABLE OF HEADWALL QUANTITIES		
			LT	RT	MAX HEADWALL HEIGHT "C" (FT.)	CONCRETE (CY)	REINF. STEEL (LB.)
C2	349+00.00	47	X		4	1	135
		47		X	5	2	156
C3	362+61.00	47	X		4	2	176
		47		X	3	1	149
C6	375+83.00	47	X		4	1	131
		47		X	2	1	91
C7	378+27.00	47	X		3	3	374
		47		X	1	1	205
C8	385+53.10	47	X		2	1	91
		47		X	1	1	61
C9	407+87.00	47	X		1	1	101
		52		X	1	1	101
C11	437+97.00	47	X		1	1	132
					TOTAL:	17	1903

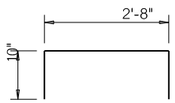
1. "T" IS EQUAL TO THE CULVERT TOP SLAB THICKNESS. FOR PRECAST BOXES WITH SLABS LESS THAN 8" THICK, SEE SCP-MD STANDARD FOR ADDITIONAL DETAILS.
2. ADJUST NORMAL CULVERT SLAB BARS AS NECESSARY TO CLEAR OBSTRUCTIONS.
3. PLACE BARS L AS SHOWN. TILT HOOK AS NECESSARY TO MAINTAIN COVER.
4. PLACE NORMAL CULVERT CURB BARS H(#4) AS SHOWN. ADJUST AS NECESSARY TO CLEAR OBSTRUCTIONS.
5. ADDITIONAL BARS H(#4) AS REQUIRED TO MAINTAIN 12" MAX SPACING.
6. REPLACE NORMAL CULVERT CURB BARS K WITH ONE BAR U AND TWO BARS V AS SHOWN SPACED AT 12" MAX. ADJUST LENGTH OF BARS V AS NECESSARY TO MAINTAIN CLEAR COVER.
7. OPTIONAL BARS L ARE TO BE USED ONLY FOR PRECAST BOX CULVERTS WITH 3'-0" CLOSURE POUR.
8. QUANTITIES SHOWN ARE FOR CONTRACTOR'S INFORMATION ONLY. QUANTITIES ARE PER LINEAR FOOT OF CURB LENGTH. THE VALUE IN TABLE CAN BE INTERPOLATED FOR INTERMEDIATE VALUES OF CURB HEIGHT, "C". QUANTITY INCLUDES BARS K (WHEN APPLICABLE).



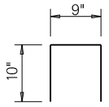
BARS V (#5) 6
SPACED AT 12" MAX



BARS L (#5) 3
SPACED AT 12" MAX



OPTIONAL 3 7
BARS L (#5)
SPACED AT 12" MAX



BARS U (#4) 6
SPACED AT 12" MAX

CONSTRUCTION NOTES:

ADJUST REINFORCING STEEL AS NECESSARY TO PROVIDE 1 ¼" COVER. FOR VEHICLE SAFETY, TOP OF THE CURB MUST NOT PROJECT MORE THAN 3" ABOVE THE FINISHED GRADE.

MATERIAL NOTES:

PROVIDE GRADE 60 REINFORCING STEEL.
PROVIDE GALVANIZED REINFORCING STEEL IF REQUIRED ELSEWHERE IN THE PLANS.
PROVIDE CLASS "AA" CONCRETE (F'C = 4,000 PSI) MINIMUM FOR CURBS.
PROVIDE BAR LAPS, WHERE REQUIRED, AS FOLLOWS:
· UNCOATED OR GALVANIZED ~ #4 = 1'-8" MIN

GENERAL NOTES:

DESIGNED ACCORDING TO AASHTO 2020 LRFD BRIDGE DESIGN SPECIFICATIONS.
THIS CURB IS CONSIDERED AS PART OF THE WINGWALL FOR PAYMENT.

COVER DIMENSIONS ARE CLEAR DIMENSIONS, UNLESS NOTED OTHERWISE.
REINFORCING BAR DIMENSIONS SHOWN ARE OUT-TO-OUT OF BAR.

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

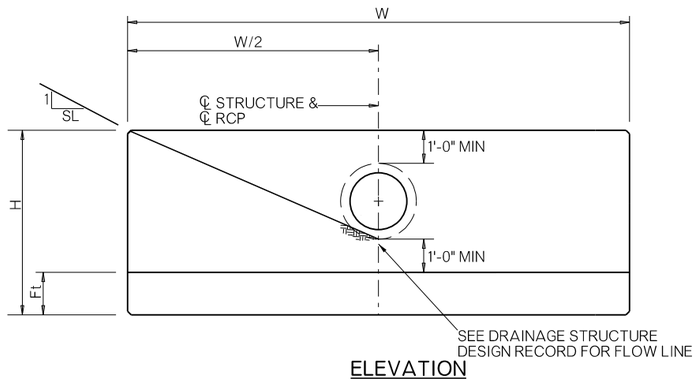
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		HEADWALL DETAILS (BOX STRUCTURES)
APPROVED		
SQUAD		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R027

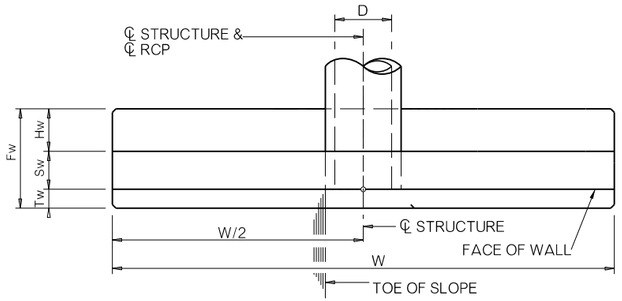
7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB-PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

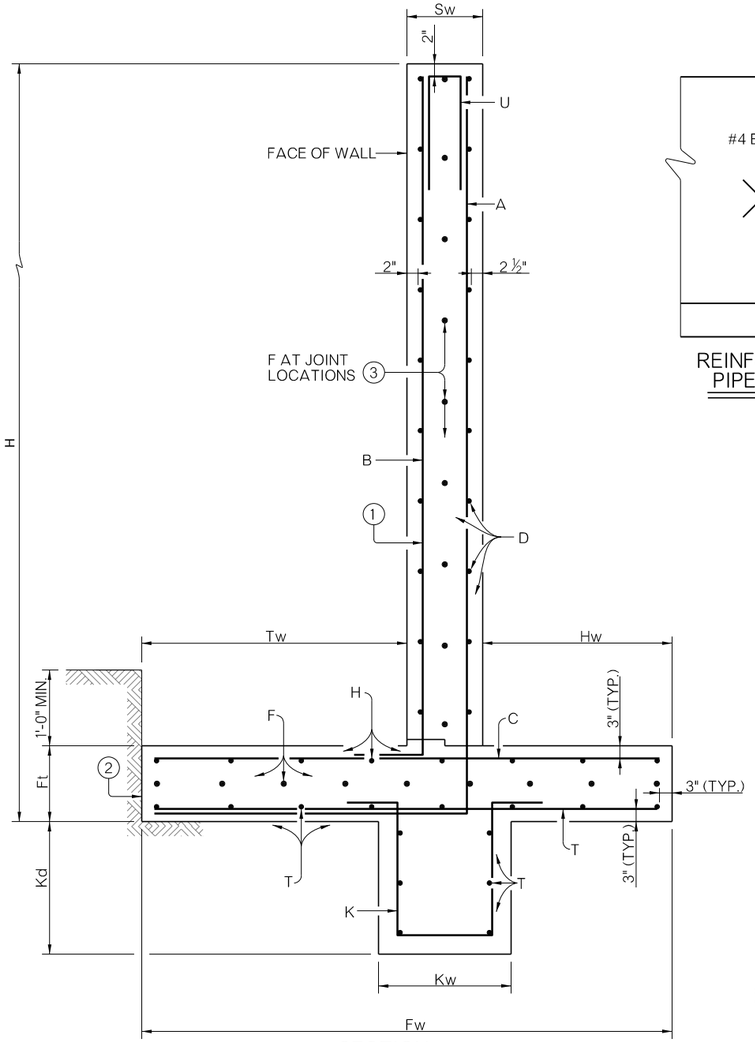
DESCRIPTION	REVISIONS	DATE



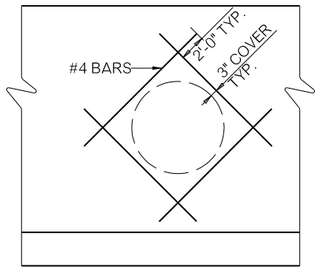
ELEVATION



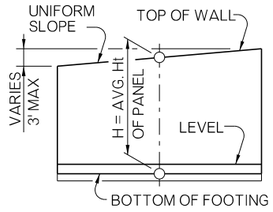
PLAN OF NON-SKEWED PIPES



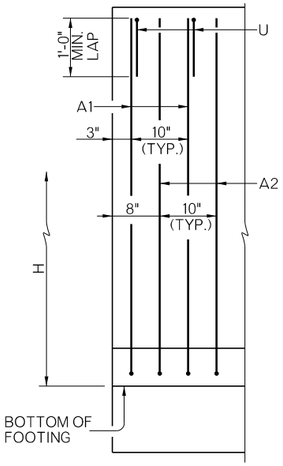
SECTION



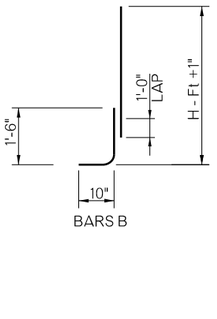
REINFORCED CONCRETE
PIPE OPENING DETAIL



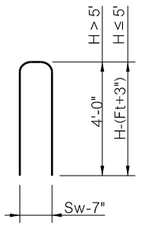
H DEFINITION



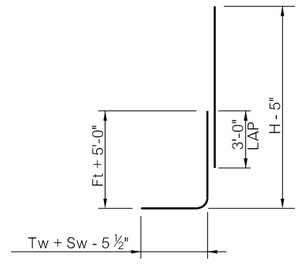
PARTIAL WALL ELEVATION
(SHOWING VERTICAL REINFORCING PATTERN IN BACK FACE.)



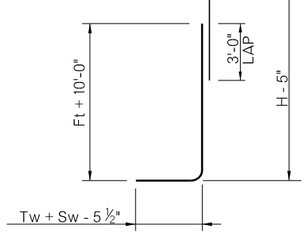
BARS B



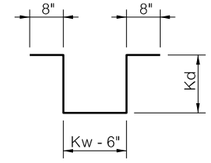
BARS U



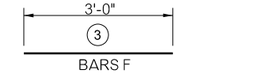
BARS A1



BARS A2



BARS K



BARS D, H, and T

BARS F

PROPERTIES / REINFORCING STEEL FOR ONE PANEL

STRUCTURE NUMBER	CL STATION	OFFSET	LOCATION LT	LOCATION RT	DIA. OF PIPE (IN.)	PANEL LABEL	PANEL LENGTH (W)	MAX WALL HEIGHT (H)	WALL DIMENSIONS Fw	Tw	Sw	Hw	Ft	Kw	Kd	MAX SOIL PRESS T/SF	BARS A1 NO.	BARS A1 SIZE	BARS A1 SPA. (in.)	BARS A1 LENGTH	BARS A1 WEIGHT	BARS A2 NO.	BARS A2 SIZE	BARS A2 SPA. (in.)	BARS A2 LENGTH	BARS A2 WEIGHT	BARS B NO.	BARS B SIZE	BARS B SPA. (in.)	BARS B LENGTH	BARS B WEIGHT	BARS C NO.	BARS C SIZE	BARS C SPA. (in.)	BARS C LENGTH	BARS C WEIGHT	BARS E NO.	BARS E SIZE	BARS E SPA. (in.)	BARS E LENGTH	BARS E WEIGHT	BARS K NO.	BARS K SIZE	BARS K SPA.	BARS K LENGTH	BARS K WEIGHT	D (#5) AT 12" MAX NO.	D (#5) AT 12" MAX WEIGHT	DOWEL F AT 12" MAX NO.	DOWEL F AT 12" MAX WEIGHT	H (#5) AT 12" MAX NO.	H (#5) AT 12" MAX WEIGHT	T (#5) AT 12" MAX NO.	T (#5) AT 12" MAX WEIGHT	U (#5) AT 10" MAX NO.	U (#5) AT 10" MAX LENGTH	U (#5) AT 10" MAX WEIGHT	QUANTITY PER PANEL CONC. (CY)	QUANTITY PER PANEL REINF. (LB)	QUANTITIY PER FOOT CONC. (CY/FT)	QUANTITIY PER FOOT REINF (LB/FT)
C1	340+44.92	47	X		48	C1	32	10	8'-8"	2'-4"	1'-1"	5'-3"	1'-2"	1'-6"	1'-6"	0.590	40	#5	10	15'-7"	651	40	#4	10	15'-7"	417	40	#4	10	10'-9"	288	40	#5	10	8'-2"	341	40	#4	10	8'-2"	219	40	#4	10	5'-4"	143	20	668	20	161	10	334	10	334	40	8'-6"	284	26	3,874	0.81	121
		47		X	48		24	8	7'-4"	1'-9"	1'-1"	4'-6"	1'-0"	1'-0"	1'-0"	0.500	30	#4	10	13'-0"	261	30	#4	10	13'-0"	261	30	#4	10	8'-11"	179	30	#4	10	6'-10"	137	30	#4	10	6'-10"	137	30	#4	10	3'-10"	77	16	401	16	129	8	201	8	201	30	8'-6"	213	15	2,231	0.63	93
C4	365+00.00	47	X		24	C4	24	8	7'-4"	1'-9"	1'-1"	4'-6"	1'-0"	1'-0"	1'-0"	0.500	30	#4	10	13'-0"	261	30	#4	10	13'-0"	261	30	#4	10	8'-11"	179	30	#4	10	6'-10"	137	30	#4	10	6'-10"	137	30	#4	10	3'-10"	77	16	401	16	129	8	201	8	201	30	8'-6"	213	15	2,223	0.63	93
		47		X	24		24	8	7'-4"	1'-9"	1'-1"	4'-6"	1'-0"	1'-0"	1'-0"	0.500	30	#4	10	13'-0"	261	30	#4	10	13'-0"	261	30	#4	10	8'-11"	179	30	#4	10	6'-10"	137	30	#4	10	6'-10"	137	30	#4	10	3'-10"	77	16	401	16	129	8	201	8	201	30	8'-6"	213	15	2,223	0.63	93
C5	368+20.00	47	X		24	C5	32	10	8'-8"	2'-4"	1'-1"	5'-3"	1'-2"	1'-6"	1'-6"	0.590	40	#5	10	15'-7"	651	40	#4	10	15'-7"	417	40	#4	10	10'-9"	288	40	#5	10	8'-2"	341	40	#4	10	8'-2"	219	40	#4	10	5'-4"	143	20	668	20	161	10	334	10	334	40	8'-6"	284	26	3,866	0.81	121
		47		X	24		24	8	7'-4"	1'-9"	1'-1"	4'-6"	1'-0"	1'-0"	1'-0"	0.500	30	#4	10	13'-0"	261	30	#4	10	13'-0"	261	30	#4	10	8'-11"	179	30	#4	10	6'-10"	137	30	#4	10	6'-10"	137	30	#4	10	3'-10"	77	16	401	16	129	8	201	8	201	30	8'-6"	213	15	2,223	0.63	93

MATERIAL NOTES:
PROVIDE CLASS AA CONCRETE (f'c =4,000 PSI)
PROVIDE GRADE 60 REINFORCING STEEL.

GENERAL NOTES:
DESIGNED ACCORDING TO AASHTO 2020 LRFD BRIDGE DESIGN SPECIFICATIONS.
WALLS ARE DESIGNED ASSUMING UNIT WEIGHT OF SOIL = 120 PCF AND A FRICTION ANGLE = 30 DEGREES FOR FOUNDATION AND RETAINED SOIL.
SEE PARALLEL WINGWALL DETAILS (R028) FOR DETAILS AND NOTES NOT SHOWN.
THESE DETAILS PROVIDE DESIGNS FOR WALL HEIGHTS OF 8 and 10 FEET AT VARYING PANEL LEGNTHS. FOR HEIGHTS NOT SHOWN, ROUND UP "H" TO DETERMINE THE WALL DIMENSIONS AND REINFORCING.
(FOR EXAMPLE, A 7.5-FOOT HEIGHT WALL WOULD USE THE 8-FOOT HIGH DIMENSIONS AND REINFORCING.) CONTRACT ENGINEER IF HEIGHT EXCEEDS "H".
QUANTITIES ARE BASED ON "H" BEING AVERAGE HEIGHT OF PANEL. WINGWALLS ARE DESIGNED BASED ON TRAFFIC SURCHARGE: NO SLOPE ABOVE WALL.
FOR A AND B BARS, LENGTHS SHOWN IN TABLE INCLUDE MIN. LAP LENGTH.

(1) PLACE VERTICAL BARS INSIDE OF HORIZONTAL BARS (TYPICAL BOTH FACES).

(2) PLACE FOOTING TO AGAINST UNDISTURBED SOIL.

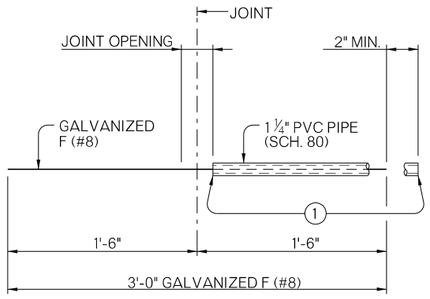
(3) SEE SHEET R028 FOR SIZE.

COVER DIMENSIONS ARE CLEAR DIMENSIONS, UNLESS NOTED OTHERWISE. REINFORCEING BAR DIMENSIONS SHOWN ARE OUT-TO-OUT OF BAR.

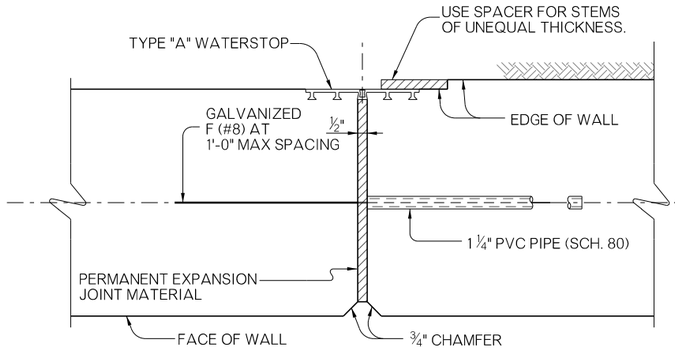
DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			PARALLEL WINGWALL DETAILS (ROUND STRUCTURES)
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R028

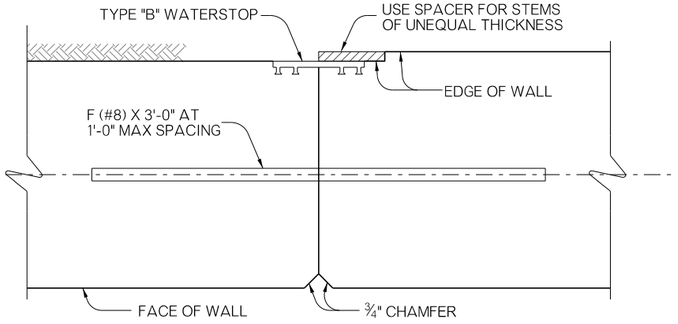
7/8/2024



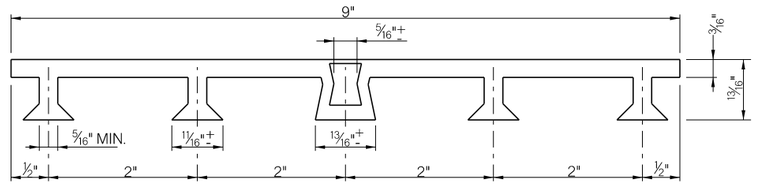
BAR F (#8) ASSEMBLY DETAIL



EXPANSION JOINT

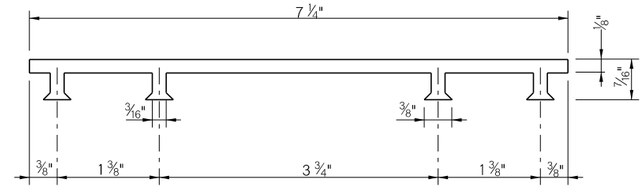


CONSTRUCTION JOINT



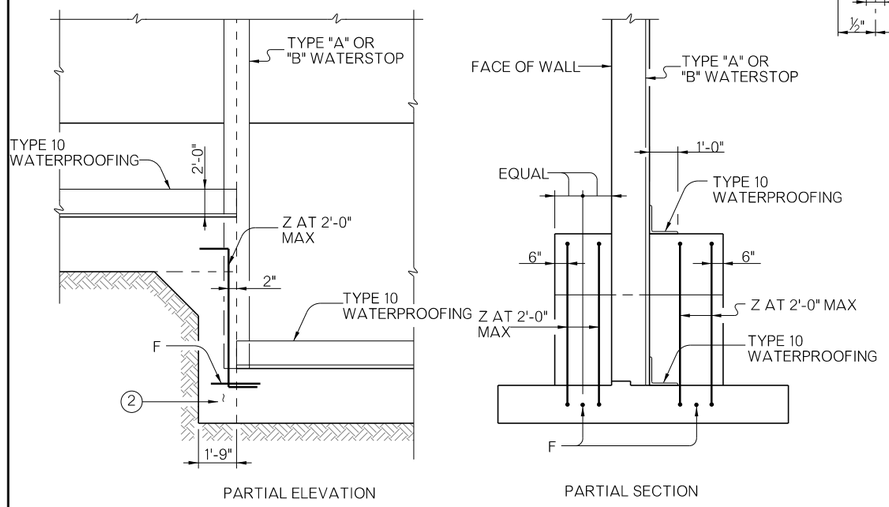
PVC WATERSTOP TYPE "A"

NOTE: DIMENSIONS AND SHAPES MAY VARY SLIGHTLY DEPENDING ON MANUFACTURER.



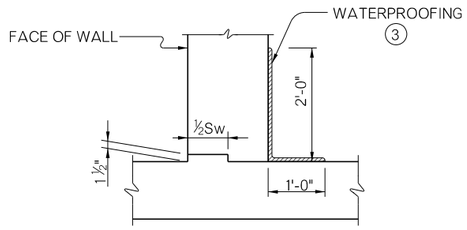
PVC WATERSTOP TYPE "B"

NOTE: DIMENSIONS AND SHAPES MAY VARY SLIGHTLY DEPENDING ON MANUFACTURER.

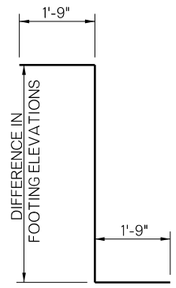


PARTIAL ELEVATION PARTIAL SECTION

SHOWING WATERSTOP AT FOOTING ELEVATION TRANSITION



JOINT AND WATERSTOP DETAILS



BARS Z (#5)
(OMIT BARS Z WHEN DIFFERENCE IN TOP OF FOOTING ELEVATIONS IS LESS THAN 2 FT).

DRAINAGE DETAILS AND EXCAVATION DIAGRAM

NOTE A: STOP COARSE AGGREGATE AT THIS LEVEL WHEN WEEP HOLES ARE USED.

NOTE B: USE COARSE AGGREGATE TO HERE WHEN UNDERDRAINS ARE USED.

(1) TAPE ENDS OF 1 ¼" PVC SCHEDULE 80 TO PREVENT MORTAR FROM SEEPING IN.

(2) CLASS C UNREINFORCED CONCRETE WHEN DIFFERENCE IN TOP OF FOOTING ELEVATIONS IS LESS THAN 2 FEET. OMIT WHEN DOWEL BARS F CAN BE PLACED BETWEEN ADJACENT FOOTINGS WITH 4-INCH COVER TOP AND BOTTOM. FOOTING ELEVATION DIFFERENCE NOT TO EXCEED 4 FEET.

(3) IN ACCORDANCE WITH TABLE 712:4 OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

MATERIAL NOTES:

PROVIDE CLASS AA CONCRETE (F'C=4,000 PSI)
PROVIDE 60 GRADE REINFORCING STEEL.

GENERAL NOTES:

WALLS ARE DESIGNED ACCORDING TO AASHTO 2020 LRFD BRIDGE DESIGN SPECIFICATIONS. ASSUMING UNIT WEIGHT OF SOIL = 120 PCF AND A FRICTION ANGLE = 30 DEGREES FOR FOUNDATION AND RETAINED SOIL.
THE UNDISTURBED OR COMPACTED SOIL DEPTH IN FRONT OF WALLS MUST NOT MEASURE LESS THAN KD + FT + 1 FOOT AS MEASURED UPWARDS FROM BOTTOM OF KEY.
RETAINING WALLS ARE DETAILED TO BE PLACED ON GRADES UP TO 10% WITH LEVEL FOOTING, WITH NO CHANGES IN REINFORCING STEEL. STEEPER GRADES CAN BE ACCOMMODATED BY SHORTENING BARS A AND BARS B AND INCREASING THE LENGTH OF LEGS OF BARS U BY THE SAME AMOUNT. NO CHANGE IN QUANTITIES WILL BE REQUIRED.
RETAINING WALLS MAY BE PLACED ON HORIZONTAL CURVES BY ADJUSTING LENGTHS OF BARS T AND BARS H IN THE FOOTING. MINOR REVISIONS TO CONCRETE QUANTITIES MAY BE REQUIRED AS A RESULT.

COVER DIMENSIONS ARE CLEAR DIMENSIONS, UNLESS NOTED OTHERWISE. REINFORCING BAR DIMENSIONS SHOWN ARE OUT-TO-OUT OF BAR.

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

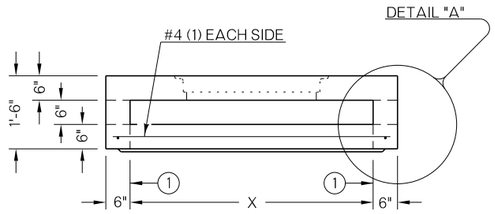
DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			PARALLEL WINGWALL DETAILS (ROUND STRUCTURES)
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R029

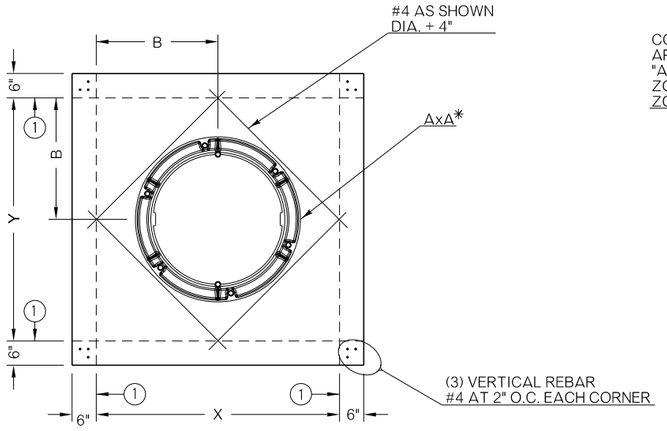
7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE



ELEVATION VIEW

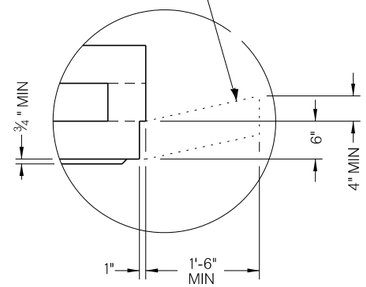


PLAN VIEW

32" DIA CAST-IN RING & COVER, STYLE RC

(1) MATCHES INSIDE FACE OF WALL OF PRECAST BASE OR RISER BELOW INLET.

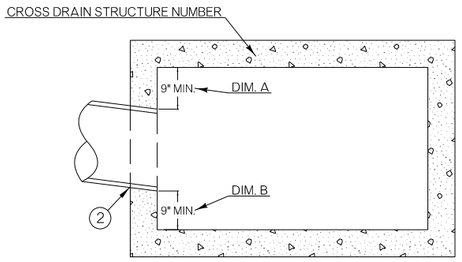
CONSTRUCT CAST-IN-PLACE REINFORCED CONCRETE APRON WHEN SHOWN ELSEWHERE IN PLANS. USE CLASS "A" CONCRETE APRON IS SUBSIDIARY TO PRECAST AREAS ZONE DRAIN. APRON IS 1'-6" MIN WIDTH AROUND PRECAST ZONE DRAIN.



DETAIL "A"

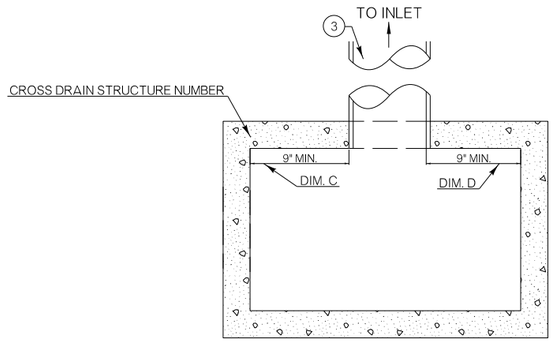
(REINFORCING NOT SHOWN FOR CLARITY)

WHEN AN APRON IS TO BE CAST AROUND PAZD, USE DETAIL ABOVE TO CREATE AN APRON LEDGE ON ALL 4 SIDES.



RCP SIDE CONNECTION TO RCB JUNCTION DETAIL CROSS SECTION

(2) REFER TO DRAINAGE STRUCTURE SUMMARY TABLE FOR CROSS DRAIN STRUCTURE NUMBER AND DOWNSTREAM FLOWLINE CONNECTION ELEVATIONS.



RCP TOP CONNECTION TO RCB JUNCTION DETAIL CROSS SECTION

(3) REFER TO DRAINAGE STRUCTURE SUMMARY TABLE FOR CROSS DRAIN STRUCTURE NUMBER AND FLOWLINE CONNECTION ELEVATIONS.

STYLE	SIZE (X x Y)	A x A	B x B	SHORT SPAN REINF. STEEL AREA	LONG SPAN REINF. STEEL AREA
RC, RG	4'x4'	32" Dia.	2'x2'	0.34 in²/ft.	0.34 in²/ft.

*NOMINAL FRAME/GRATE OR RING/COVER SIZE.

FABRICATION NOTES:
1. PROVIDE CLASS "P" CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI.
2. PROVIDE GRADE 60 REINFORCING STEEL OR EQUIVALENT AREA OF WWR.
3. PROVIDE CLEAR COVER OF ¾" TO REINFORCING FROM BOTTOM OF SLAB FOR STRUCTURAL REINFORCEMENT. PLACE SHORT SPAN REINFORCING CLOSEST TO SURFACE.
4. NO SUBSTITUTION IS ALLOWED FOR DIAGONAL #4 BARS AROUND OPENINGS.
5. DESIGN TONGUE AND GROOVE JOINTS FOR FULL CLOSURE ON BOTH SHOULDERS. MINIMUM SPIGOT DEPTH IS ¾".
6. PROVIDE LIFTING DEVICES IN CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS.

INSTALLATION NOTES:
1. PRECAST AREA ZONE DRAIN IS FOR USE IN DITCHES AND MEDIANS OUTSIDE OF THE HORIZONTAL CLEARANCE (CLEAR ZONE).PRECAST AREA ZONE DRAIN IS NOT INTENDED FOR DIRECT TRAFFIC AND MAY NOT BE PLACED IN ROADWAY.
2. SEAL TONGUE AND GROOVE JOINTS WITH PREFORMED OR BULK MASTIC IN CONFORMANCE WITH MANUFACTURER'S RECOMMENDATIONS. TONGUE AND GROOVE JOINTS MAY BE GROUTED NO MORE THAN 1" BETWEEN EACH SECTION, OR ½ THE JOINT DEPTH, WHICHEVER IS GREATER.
3. DO NOT GROUT RUBBER GASKET JOINTS WITHOUT MANUFACTURER'S RECOMMENDATION.

GENERAL NOTES:
1. DESIGNED ACCORDING TO ASTM C913.
2. PATMENT FOR INLET IS PER JUCTION BOXES, MANHOLES AND INLETS.

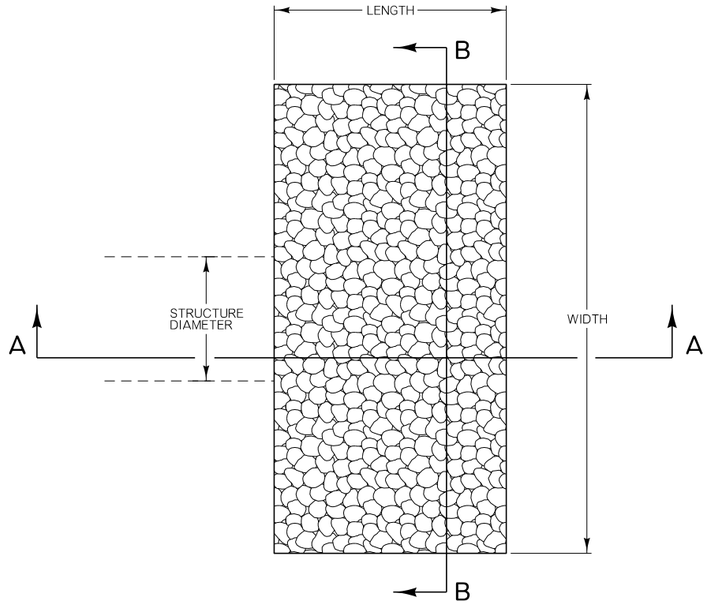
DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			DRAINAGE STRUCTURE DETAIL
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R030

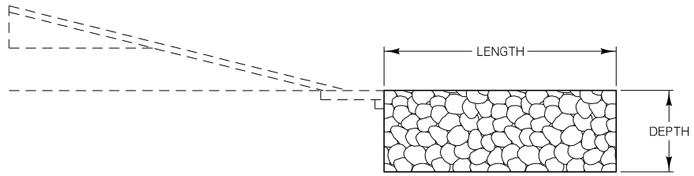
7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB-PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

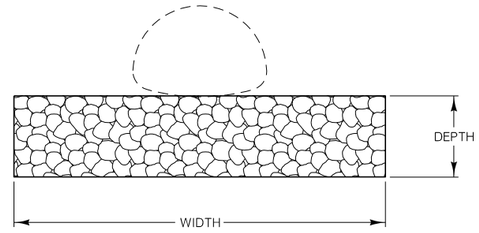
DESCRIPTION	REVISIONS	DATE



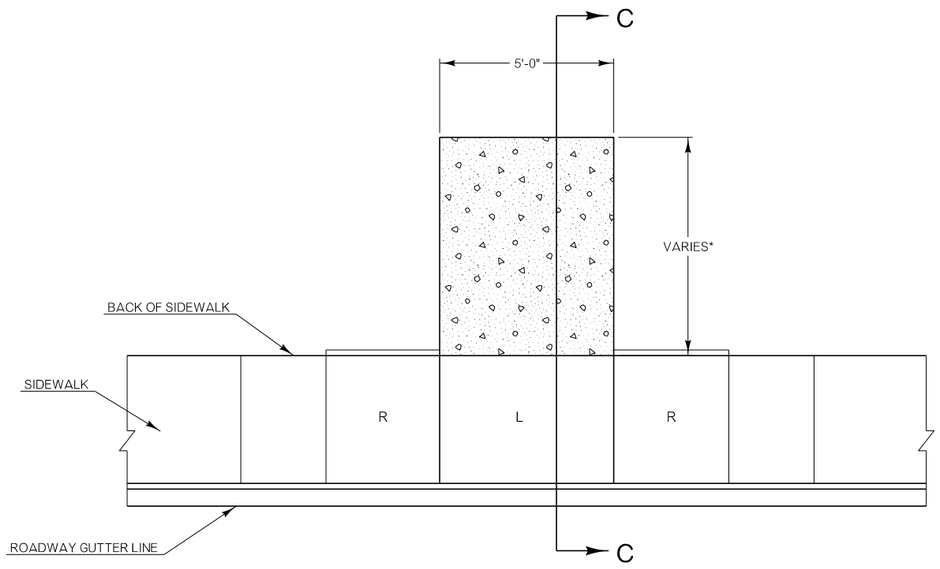
PLAN VIEW
DETAIL OF RIPRAP



SECTION A-A
PROFILE VIEW OF RIPRAP (SIDE)

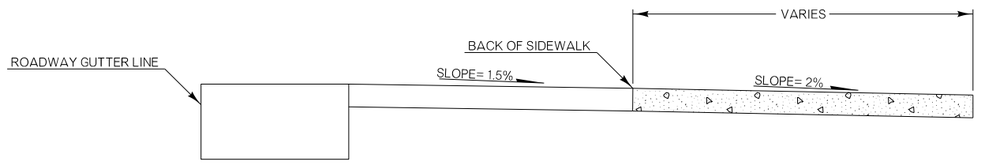


SECTION B-B
PROFILE VIEW OF RIPRAP (FRONT)



CONCRETE FLUME DETAIL:
PLAN VIEW

* SEE SUMMARY OF PAVED DITCHES AND FLUMES TABLE



CONCRETE FLUME DETAIL:
SECTION C-C VIEW

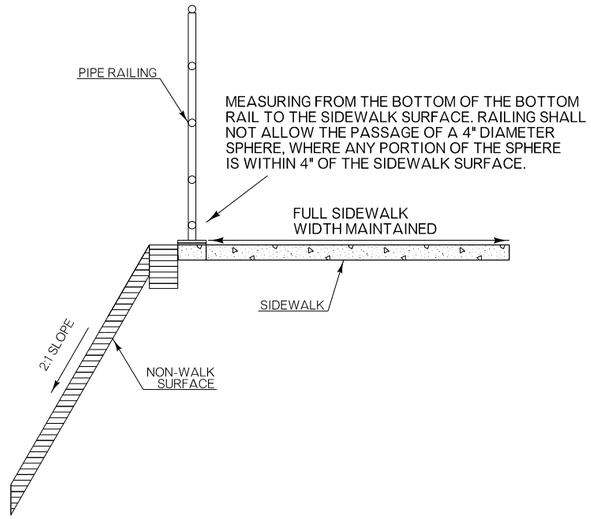
DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			RIPRAP AND FLUME DETAILS
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R031

7/8/2024

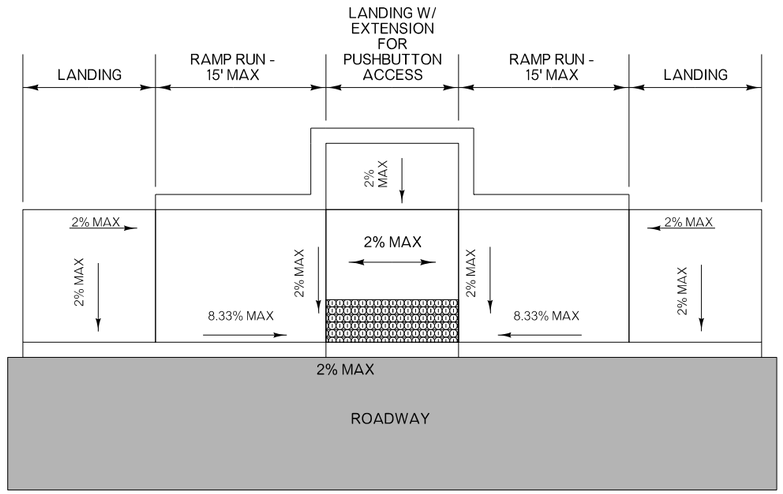
OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE



PIPE RAILING DETAIL

STA. 367+76.00 TO 368+56.00 (LT.)
STA. 427+61.75 TO 428+52.50 (LT.)
STA. 435+25.50 TO 439+63.75 (LT.)



TYPE D RAMP DETAIL

			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DESIGN			
DRAWN			SIDEWALK DETAIL
CHECKED			
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R032

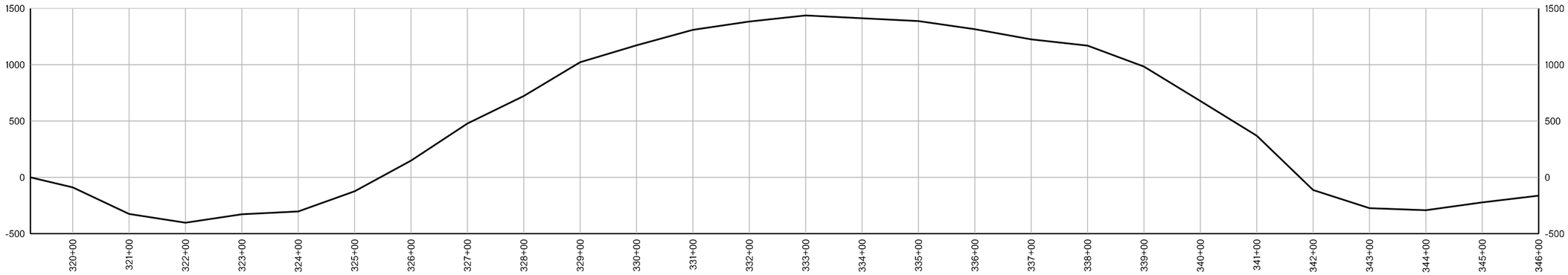
7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PHASE 2A - LT (CL US-259)
EARTHWORK ESTIMATE

STA 319+25 - STA 346+00
UNCL. EXCAV. = 2,828 CY
EMB. +15% = 2,992 CY
BORROW = 164 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION

EXCAVATION CUT

EMBANKMENT FILL

DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R033

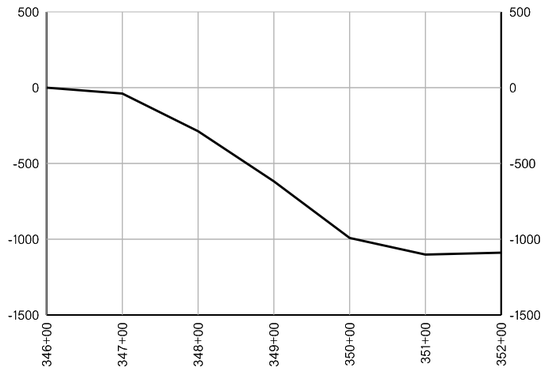
7/3/2024 N:\...\Drawings\3. Roadway\[R033-3433308-MASS DIAGRAM PH2.dgn

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

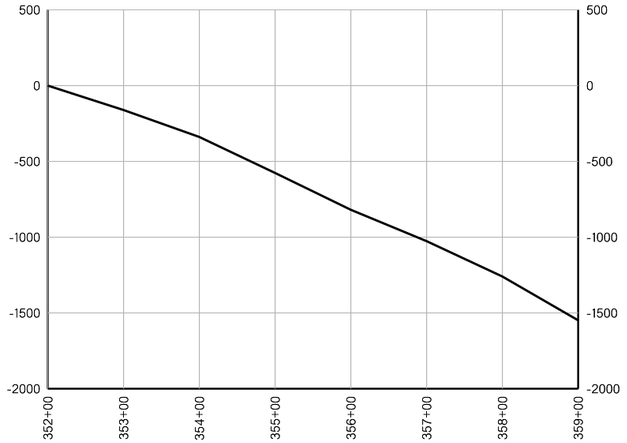
PHASE 2B - LT (CL US-259)
EARTHWORK ESTIMATE

STA 346+00 - STA 352+00
UNCL. EXCAV. = 146 CY
EMB. +15% = 1,236 CY
BORROW = 1,090 CY



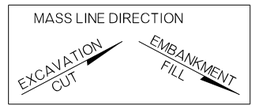
PHASE 2A - LT (CL US-259)
EARTHWORK ESTIMATE

STA 352+00 - STA 359+00
UNCL. EXCAV. = 92 CY
EMB. +15% = 1,642 CY
BORROW = 1,550 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION



DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R034

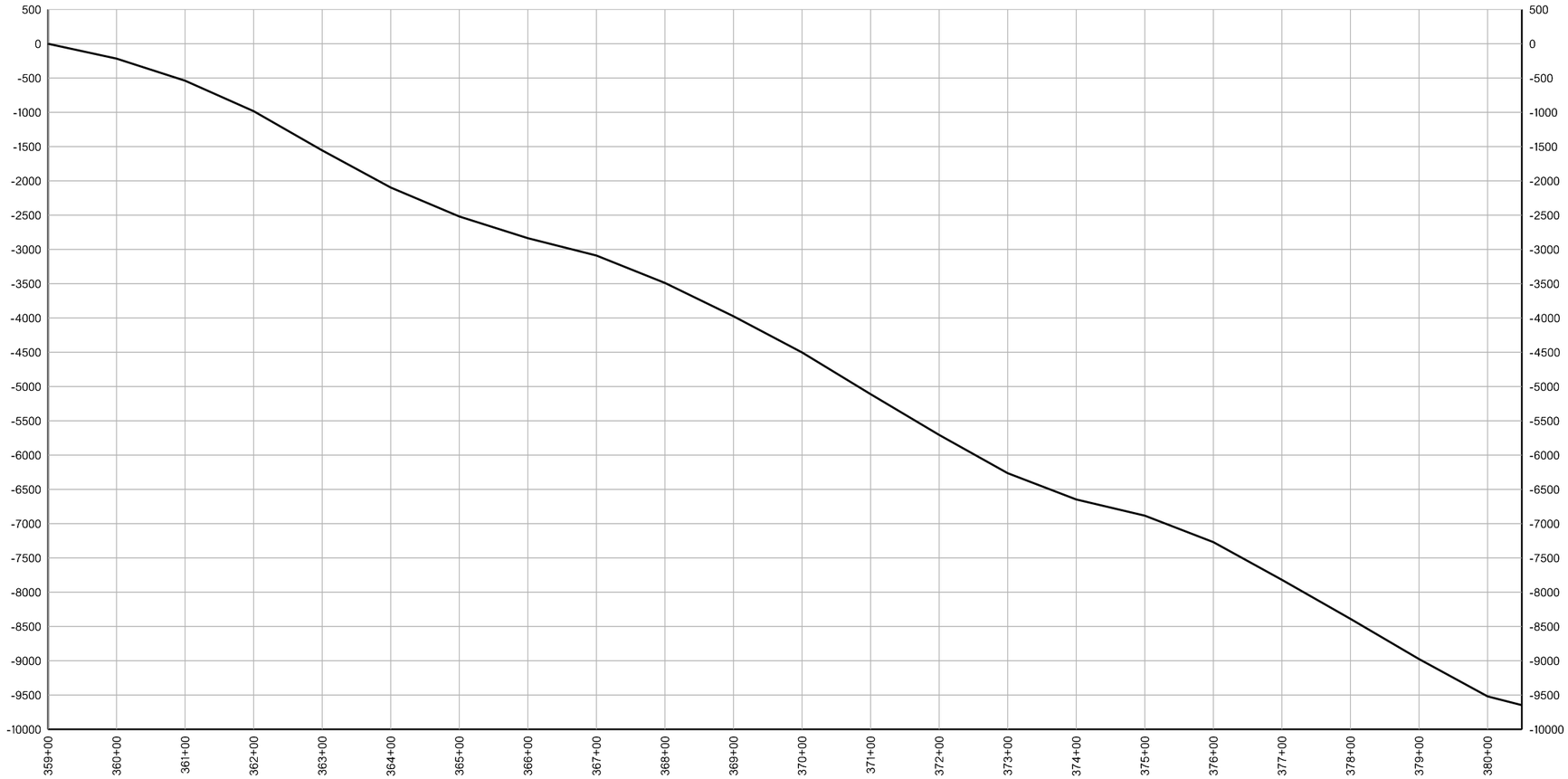
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OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PHASE 2B - LT (CL US-259)
EARTHWORK ESTIMATE

STA 359+00 - STA 380+50
UNCL. EXCAV. = 371 CY
EMB. +15% = 10,017 CY
BORROW = 9,646 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION

EXCAVATION CUT

EMBANKMENT FILL

DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R035

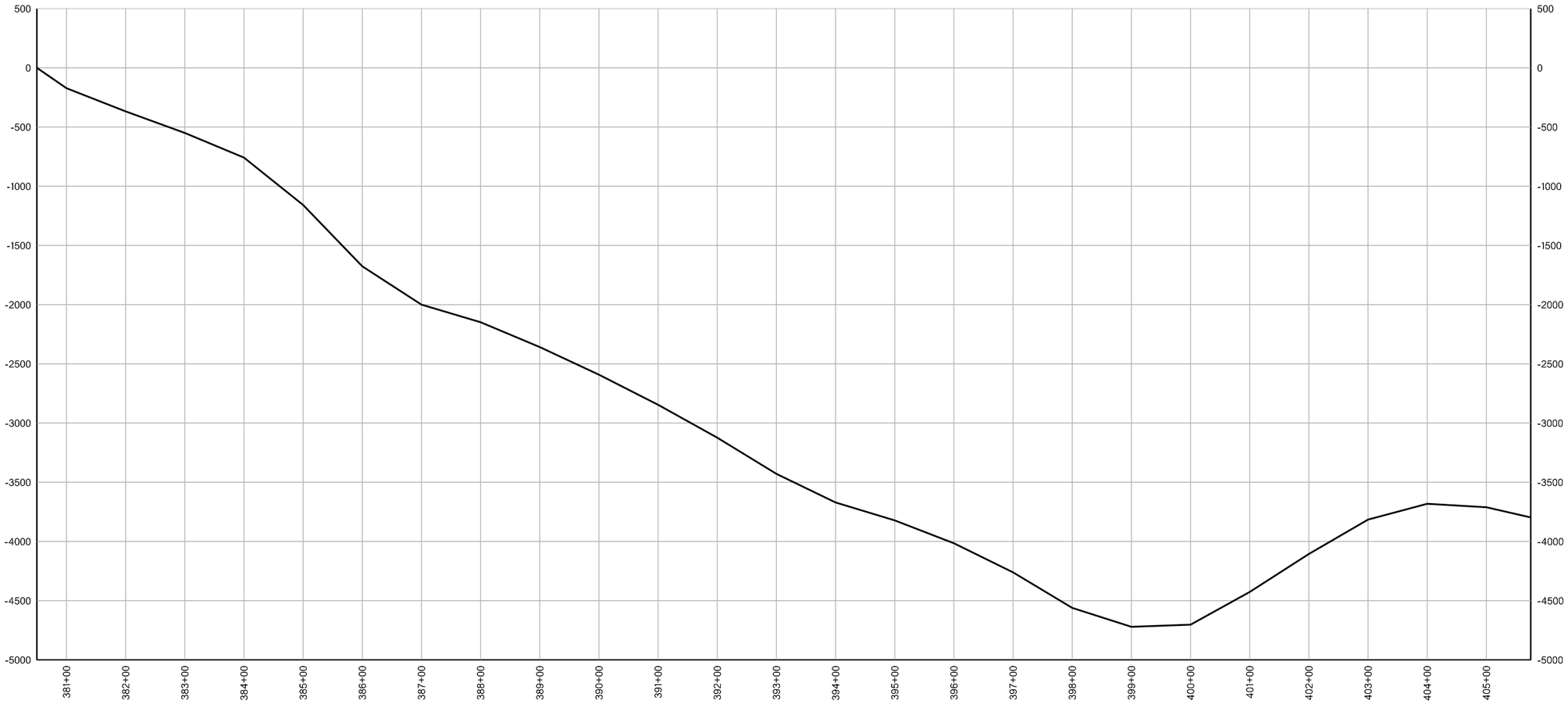
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OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PHASE 2A - LT (CL US-259)
EARTHWORK ESTIMATE

STA 380+50 - STA 405+75
UNCL. EXCAV. = 1,624 CY
EMB. +15% = 5,421 CY
BORROW = 3,797 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION

EXCAVATION / CUT

EMBANKMENT / FILL

DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R036

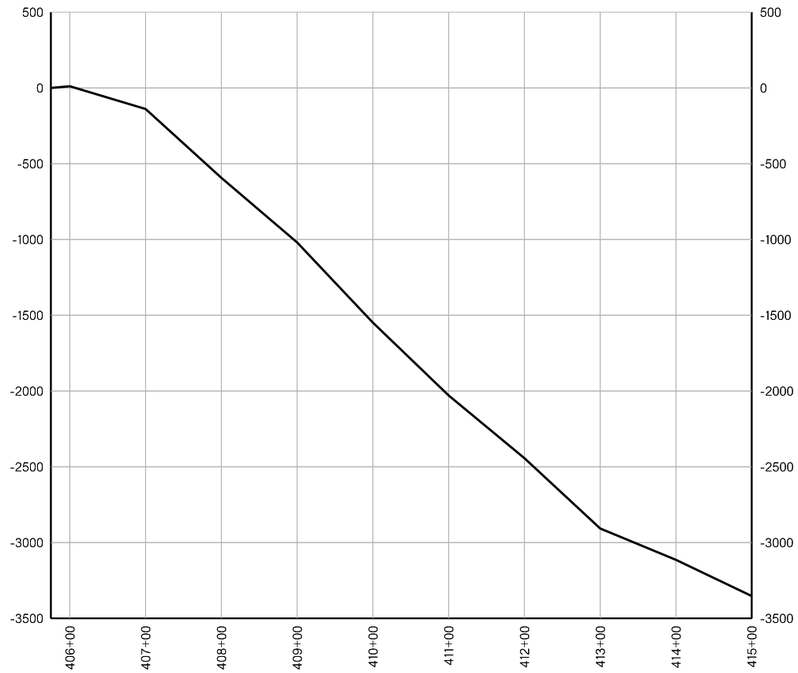
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OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PHASE 2B - LT (CL US-259)
EARTHWORK ESTIMATE

STA 405+75 - STA 415+00
UNCL. EXCAV. = 238 CY
EMB. +15% = 3,592 CY
BORROW = 3,354 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION

EXCAVATION / CUT

EMBANKMENT / FILL

DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R037

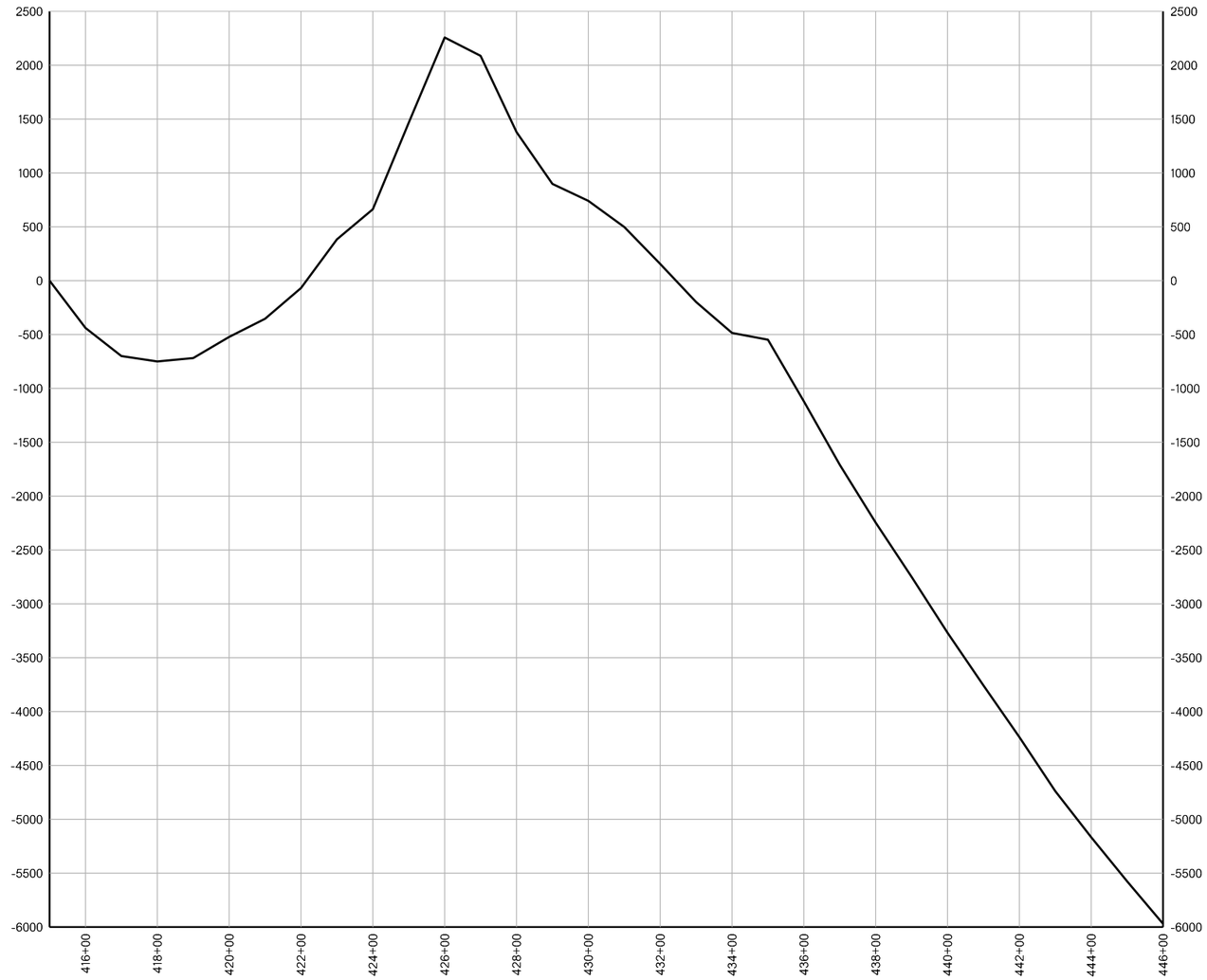
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OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PHASE 2A - LT (CL US-259)
EARTHWORK ESTIMATE

STA 415+00 - STA 446+00
UNCL. EXCAV. = 3,993 CY
EMB. +15% = 9,965 CY
BORROW = 5,972 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION

EXCAVATION CUT

EMBANKMENT FILL

DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R038

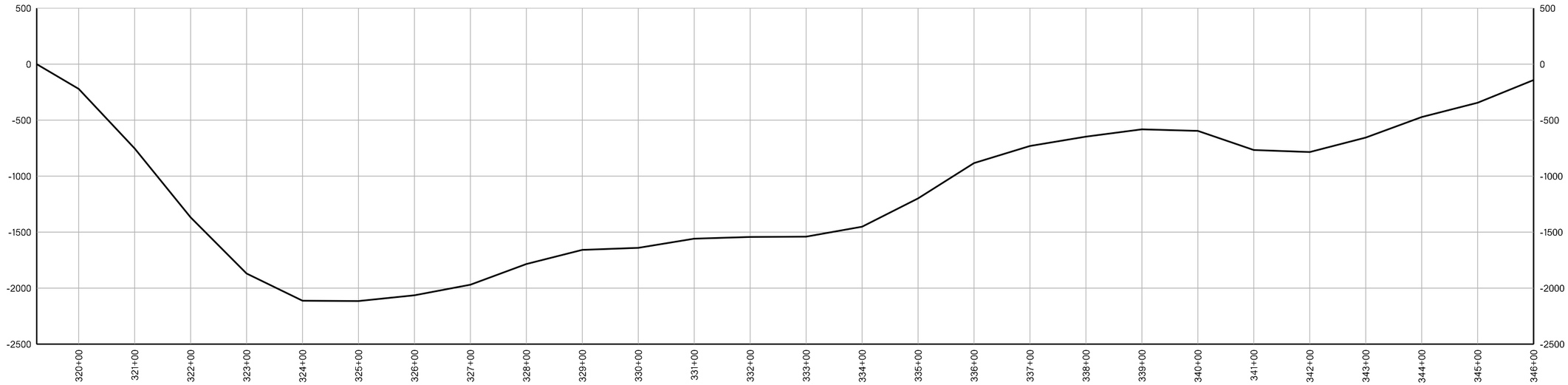
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OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PHASE 3A - RT (CL US-259)
EARTHWORK ESTIMATE

STA 319+25 - STA 346+00
UNCL. EXCAV. = 3,981 CY
EMB. +15% = 4,123 CY
BORROW = 142 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION

EXCAVATION CUT

EMBANKMENT FILL

DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R039

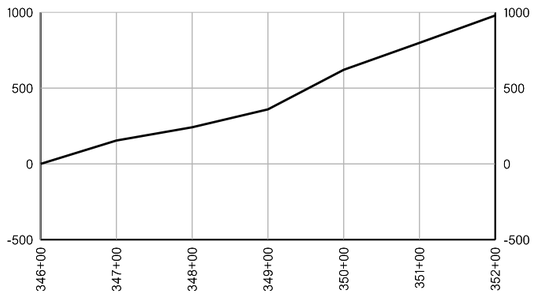
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OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

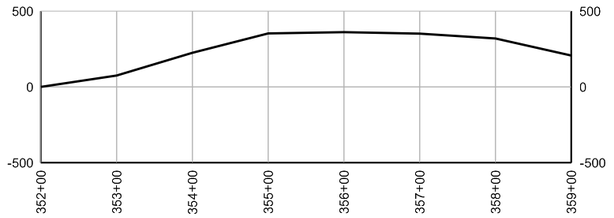
PHASE 3B - RT (CL US-259)
EARTHWORK ESTIMATE

STA 346+00 - STA 352+00
UNCL. EXCAV. = 1,893 CY
EMB. +15% = 914 CY
EXCESS EXCAVATION = 979 CY



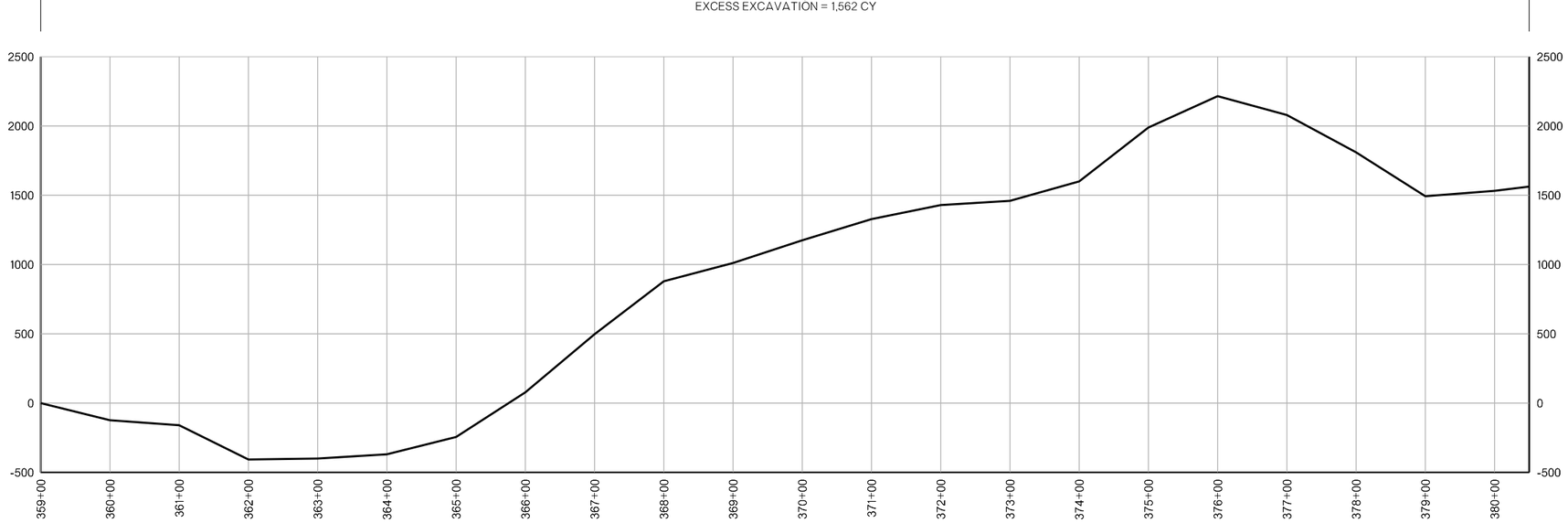
PHASE 3A - RT (CL US-259)
EARTHWORK ESTIMATE

STA 352+00 - STA 359+00
UNCL. EXCAV. = 1,281 CY
EMB. +15% = 1,074 CY
EXCESS EXCAVATION = 207 CY



PHASE 3B - RT (CL US-259)
EARTHWORK ESTIMATE

STA 359+00 - STA 380+50
UNCL. EXCAV. = 7,768 CY
EMB. +15% = 6,206 CY
EXCESS EXCAVATION = 1,562 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION



DESIGN	AF		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN	AF		
CHECKED	DRC		MASS DIAGRAM SHEETS
APPROVED	EAW		
SQUAD	FREESE NICHOLS		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R040

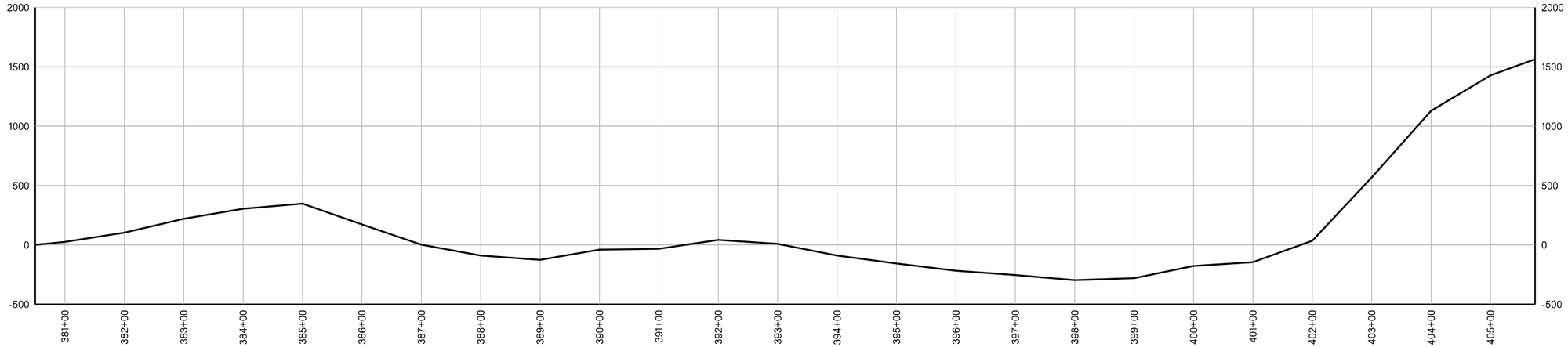
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7/3/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

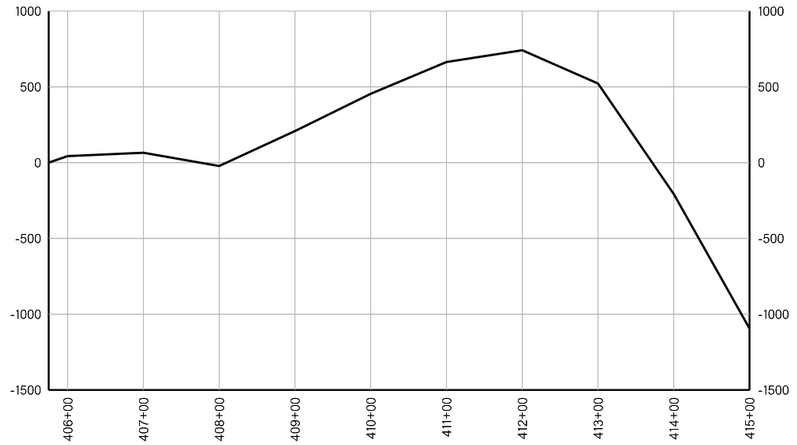
PHASE 3A - RT (CL US-259)
EARTHWORK ESTIMATE

STA 380+50 - STA 405+75
UNCL. EXCAV. = 4,654 CY
EMB. +15% = 3,090 CY
EXCESS EXCAVATION = 1,564 CY



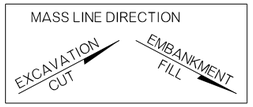
PHASE 3B - RT (CL US-259)
EARTHWORK ESTIMATE

STA 405+75 - STA 415+00
UNCL. EXCAV. = 2,492 CY
EMB. +15% = 3,588 CY
EXCESS BORROW = 1,096 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION



DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R041

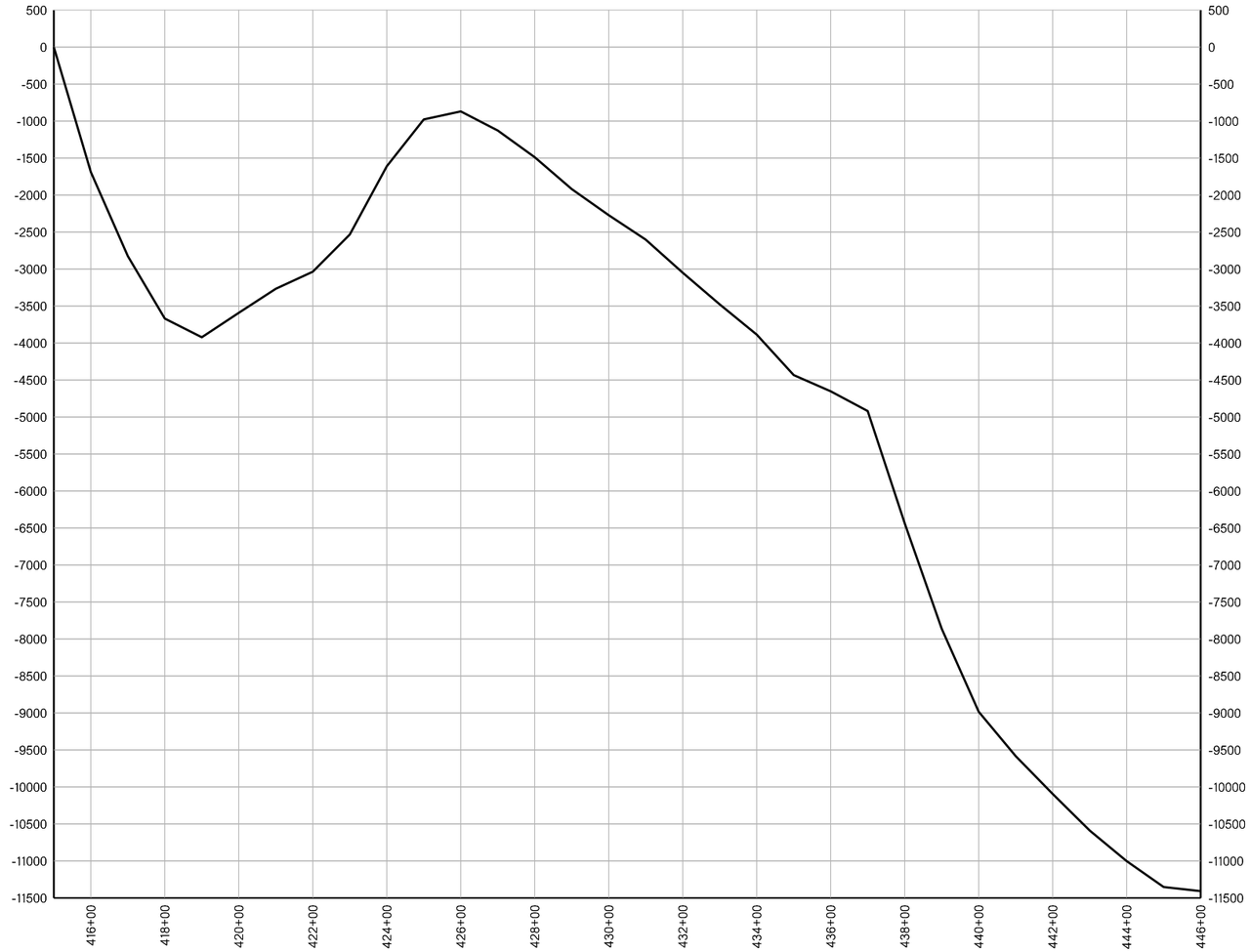
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OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PHASE 3A - RT (CL US-259)
EARTHWORK ESTIMATE

STA 415+00 - STA 446+00
UNCL. EXCAV. = 6,031 CY
EMB. +15% = 17,439 CY
BORROW = 11,408 CY



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MASS LINE DIRECTION

EXCAVATION CUT

EMBANKMENT FILL

DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R042

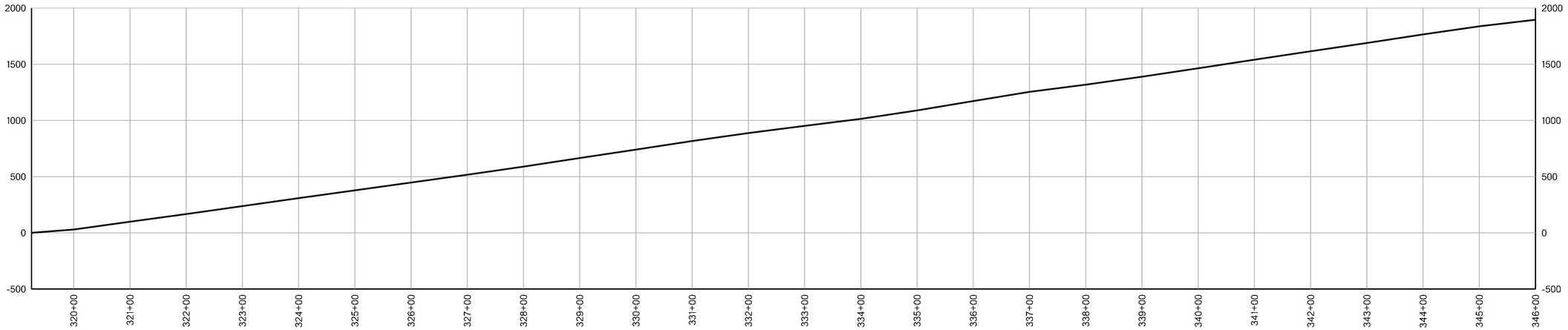
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OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PHASE 4A - LT (CL US-259)
EARTHWORK ESTIMATE

STA 319+25 - STA 346+00
UNCL. EXCAV. = 1,942 CY
EMB. +15% = 47 CY
EXCESS EXCAVATION = 1,895 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION

EXCAVATION CUT

EMBANKMENT FILL

DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R043

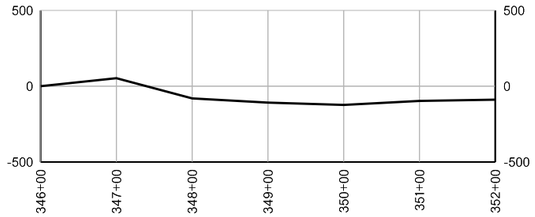
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OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

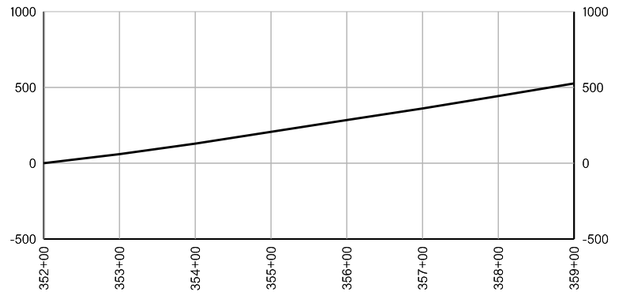
PHASE 4B - LT (CL US-259)
EARTHWORK ESTIMATE

STA 346+00 - STA 352+00
UNCL. EXCAV. = 1,613 CY
EMB. +15% = 1,702 CY
BORROW = 89 CY



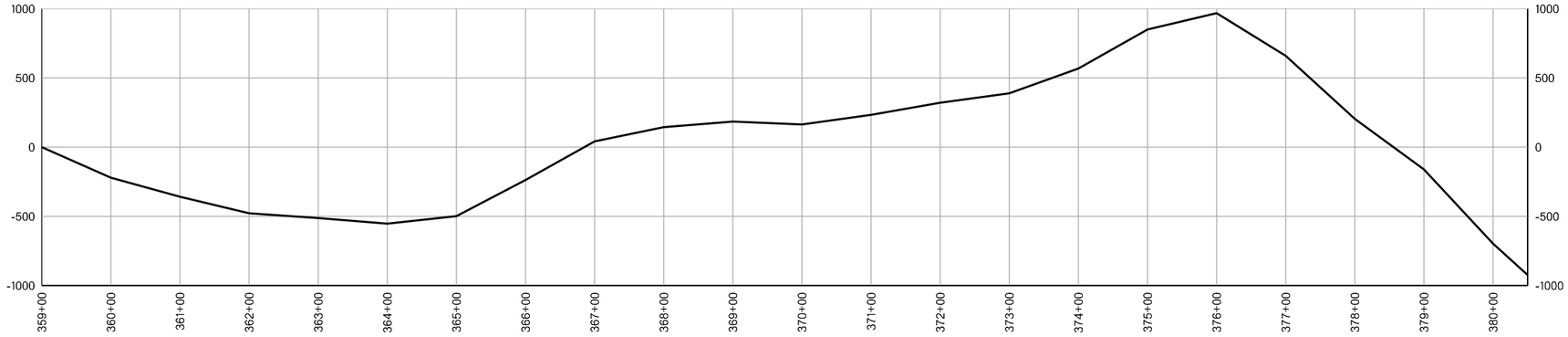
PHASE 4A - LT (CL US-259)
EARTHWORK ESTIMATE

STA 352+00 - STA 359+00
UNCL. EXCAV. = 554 CY
EMB. +15% = 28 CY
EXCESS EXCAVATION = 526 CY



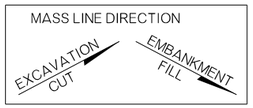
PHASE 4B - LT (CL US-259)
EARTHWORK ESTIMATE

STA 359+00 - STA 380+50
UNCL. EXCAV. = 7,846 CY
EMB. +15% = 8,770 CY
BORROW = 924 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION



DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R044

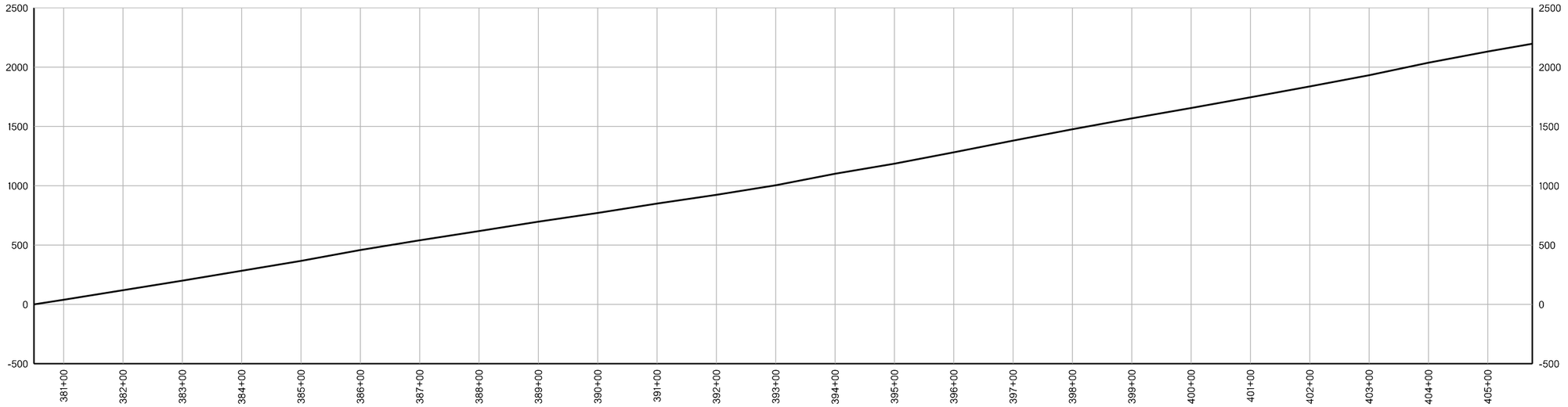
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OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

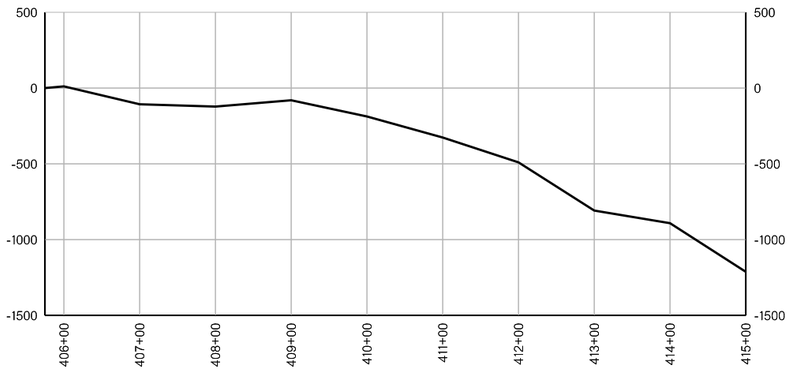
PHASE 4A - LT (CL US-259)
EARTHWORK ESTIMATE

STA 380+50 - STA 405+75
UNCL. EXCAV. = 2,274 CY
EMB. +15% = 76 CY
EXCESS EXCAVATION = 2,198 CY



PHASE 4B - LT (CL US-259)
EARTHWORK ESTIMATE

STA 405+75 - STA 415+00
UNCL. EXCAV. = 2,933 CY
EMB. +15% = 4,145 CY
BORROW = 1,212 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION

EXCAVATION CUT

EMBANKMENT FILL

DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R045

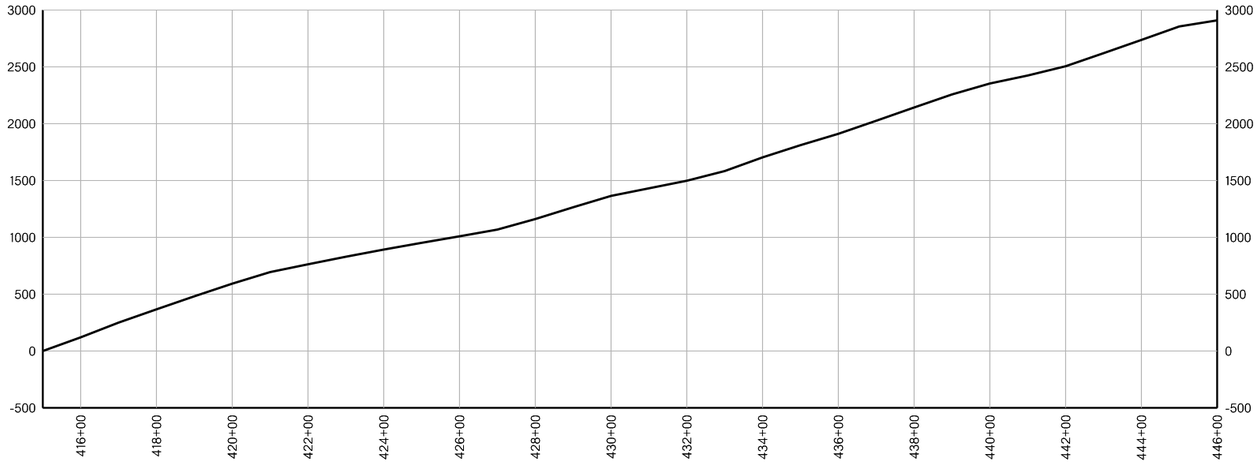
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OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PHASE 4A - LT (CL US-259)
EARTHWORK ESTIMATE

STA 415+00 - STA 446+00
UNCL. EXCAV. = 3,009 CY
EMB. +15% = 100 CY
EXCESS EXCAVATION = 2,909 CY



MASS DIAGRAM PROVIDED FOR BIDDING PURPOSES ONLY. ACTUAL BALANCE POINTS TO BE DETERMINED BY CONTRACTOR AND VOLUME OF MATERIAL ENCOUNTERED DURING GRADING OPERATIONS. WHENEVER POSSIBLE, THE CONTRACTOR SHALL SEQUENCE EARTHWORK OPERATIONS IN ORDER TO OBTAIN THE MATERIAL FROM THE CUT SECTION FOR USE AS FILL RATHER THAN OBTAINING UNCLASSIFIED BORROW. MATERIAL DEPICTED AS WASTE SHALL ONLY BE CONSIDERED WASTE ONCE ALL EARTHWORK OPERATIONS HAVE BEEN COMPLETED. THIS MATERIAL SHALL BE USED TO REDUCE THE NEED FOR UNCLASSIFIED BORROW AT ANY LOCATION AND TIME THROUGH THE DURATION OF THE PROJECT.

MASS LINE DIRECTION

EXCAVATION CUT

EMBANKMENT FILL

DESIGN	AF	
DRAWN	AF	
CHECKED	DRC	
APPROVED	EAW	
SQUAD	FREESE NICHOLS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

MASS DIAGRAM SHEETS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. R046

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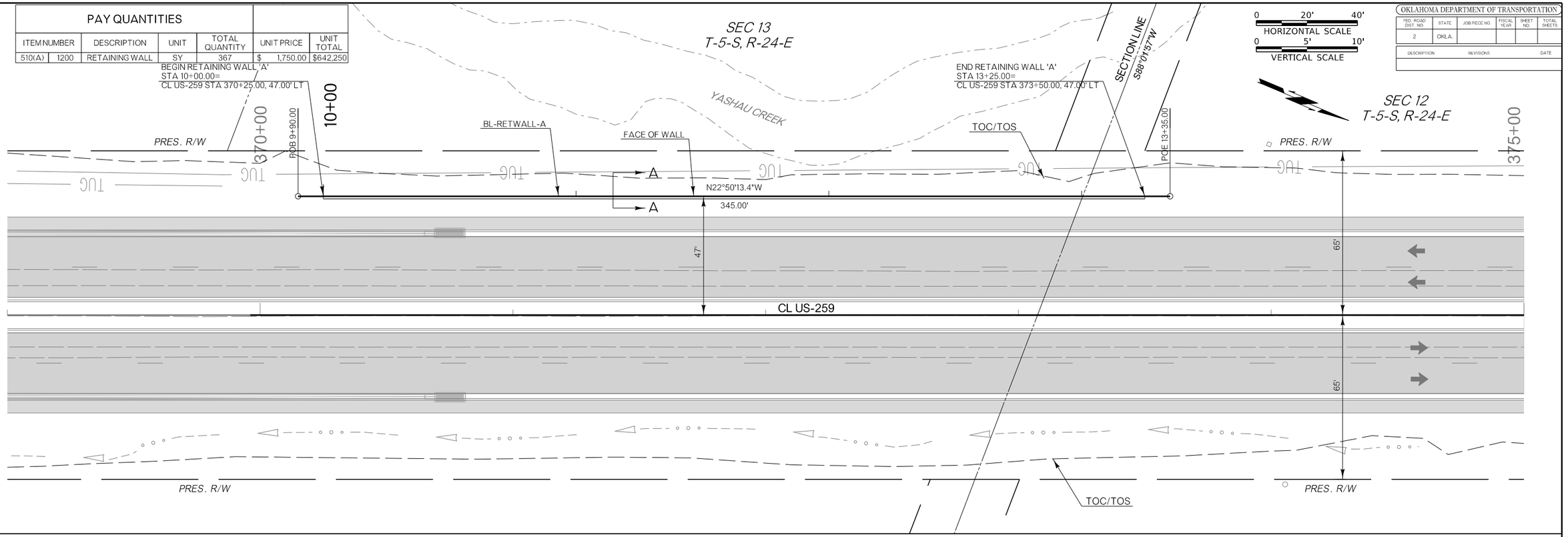
PAY QUANTITIES						
ITEM NUMBER		DESCRIPTION	UNIT	TOTAL QUANTITY	UNIT PRICE	UNIT TOTAL
510(A)	1200	RETAINING WALL	SY	367	$ 1,750.00	$642,250

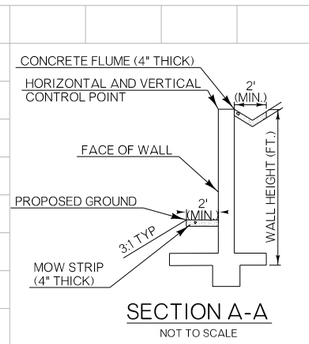
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 20' 40'
HORIZONTAL SCALE
0 5' 10'
VERTICAL SCALE

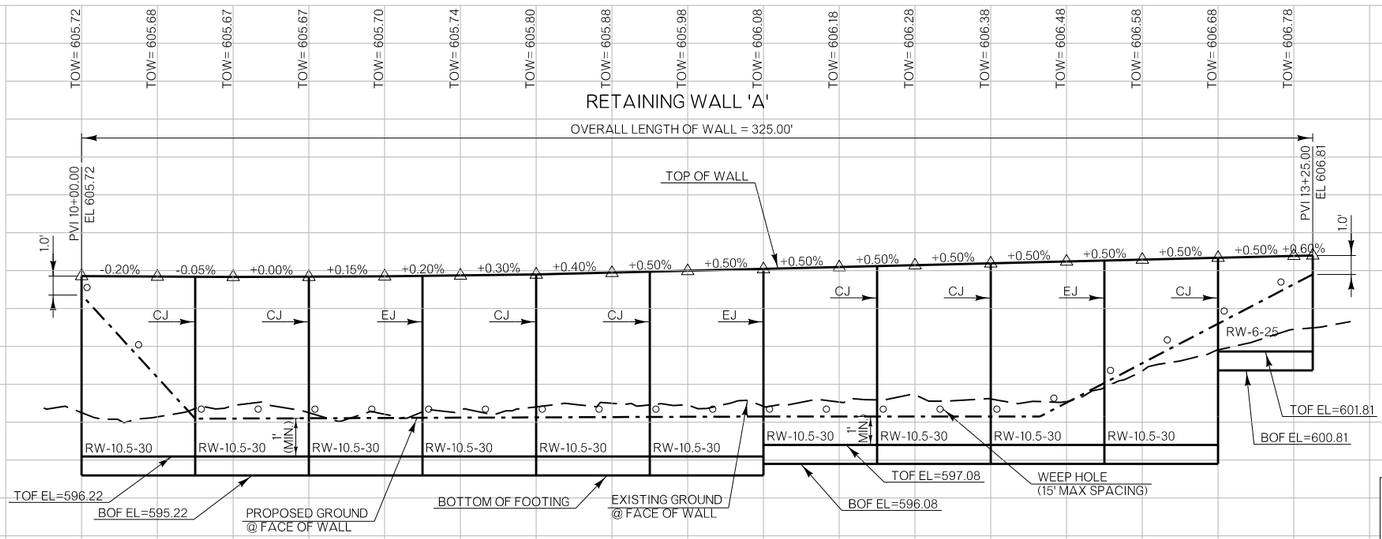




SECTION A-A
NOT TO SCALE

WALL HEIGHT (H) — WALL PANEL LENGTH (FT.)
RW-10.5-30

WALL PANEL IDENTIFIER
SEE RETAININGWALL DETAIL SHEET



CJ = CONSTRUCTION JOINT
EJ = EXPANSION JOINT
TOW = TOP OF WALL
TOF = TOP OF FOOTING
BOF = BOTTOM OF FOOTING

NOTES:
(1) BOTTOM OF FOOTING MUST BE PLACED WITHIN BEDROCK. CONTRACTOR TO FIELD VERIFY BEDROCK ELEVATION.
(2) BOTTOM OF FOOTING MUST BE PLACED A MINIMUM OF 2.5' BELOW EXISTING GROUND. IF BEDROCK CANNOT BE FOUND DURING EXCAVATION, CONTACT ENGINEER BEFORE CONSTRUCTING RETAINING WALL.
(3) CONTACT ENGINEER IF WALL HEIGHT (H) EXCEEDS 12'.

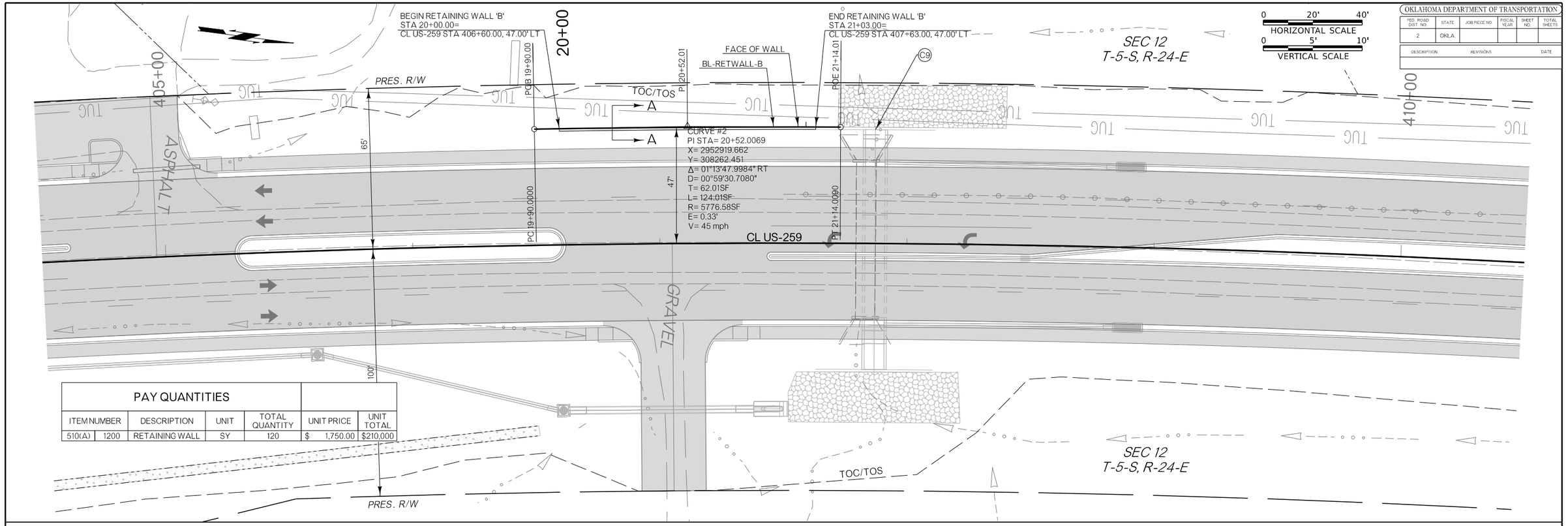
DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	XXXXX	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

RETAINING WALL 'A' PLAN AND PROFILE

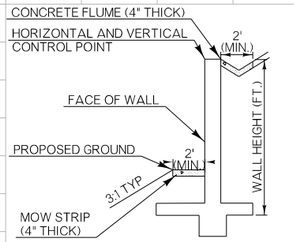
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. RW01

7/8/2024

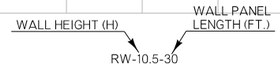


PAY QUANTITIES

ITEM NUMBER		DESCRIPTION	UNIT	TOTAL QUANTITY	UNIT PRICE	UNIT TOTAL
510(A)	1200	RETAINING WALL	SY	120	$ 1,750.00	$210,000

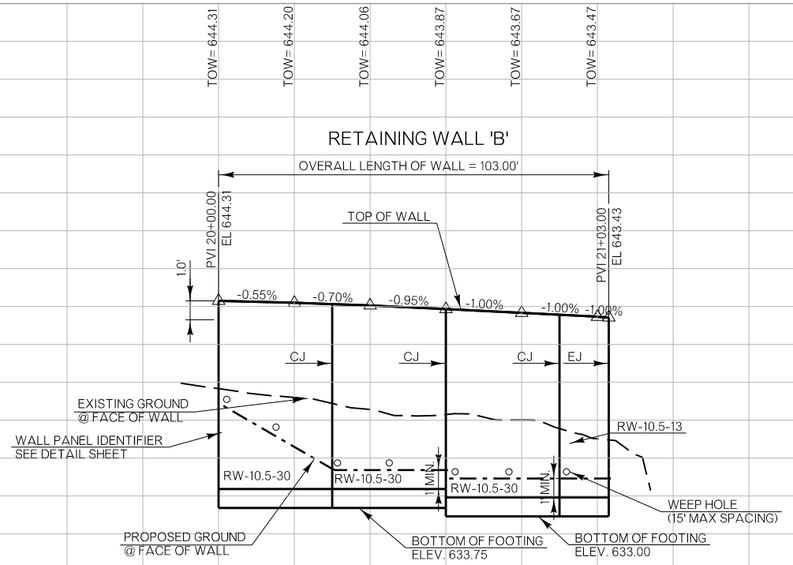


SECTION A-A
NOT TO SCALE



WALL PANEL IDENTIFIER
SEE RETAININGWALL DETAIL SHEET

RETAINING WALL 'B'



CJ = CONSTRUCTION JOINT
EJ = EXPANSION JOINT
TOW = TOP OF WALL
TOF = TOP OF FOOTING
BOF = BOTTOM OF FOOTING

NOTES:
(1) BOTTOM OF FOOTING MUST BE PLACED WITHIN BEDROCK. CONTRACTOR TO FIELD VERIFY BEDROCK ELEVATION.
(2) BOTTOM OF FOOTING MUST BE PLACED A MINIMUM OF 2.5' BELOW EXISTING GROUND. IF BEDROCK CANNOT BE FOUND DURING EXCAVATION, CONTACT ENGINEER BEFORE CONSTRUCTING RETAINING WALL.
(3) CONTACT ENGINEER IF WALL HEIGHT (H) EXCEEDS 12'.

FINISHED GRADE (F.G.) AT WALL
EXISTING GROUND (E.G.) AT WALL

FG= 641.73 / *EX= 639.68*
FG= 639.41 / *EX= 639.21*
FG=638.25 / *EX= 638.57*
FG= 638.25 / *EX= 638.31*
FG= 637.5 / *EX= 638.02*
FG= 637.5 / *EX= 637.02*

20+00.00 20+20.00 20+40.00 20+60.00 20+80.00 21+00.00

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	XXXXX	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

RETAINING WALL 'B' PLAN AND PROFILE

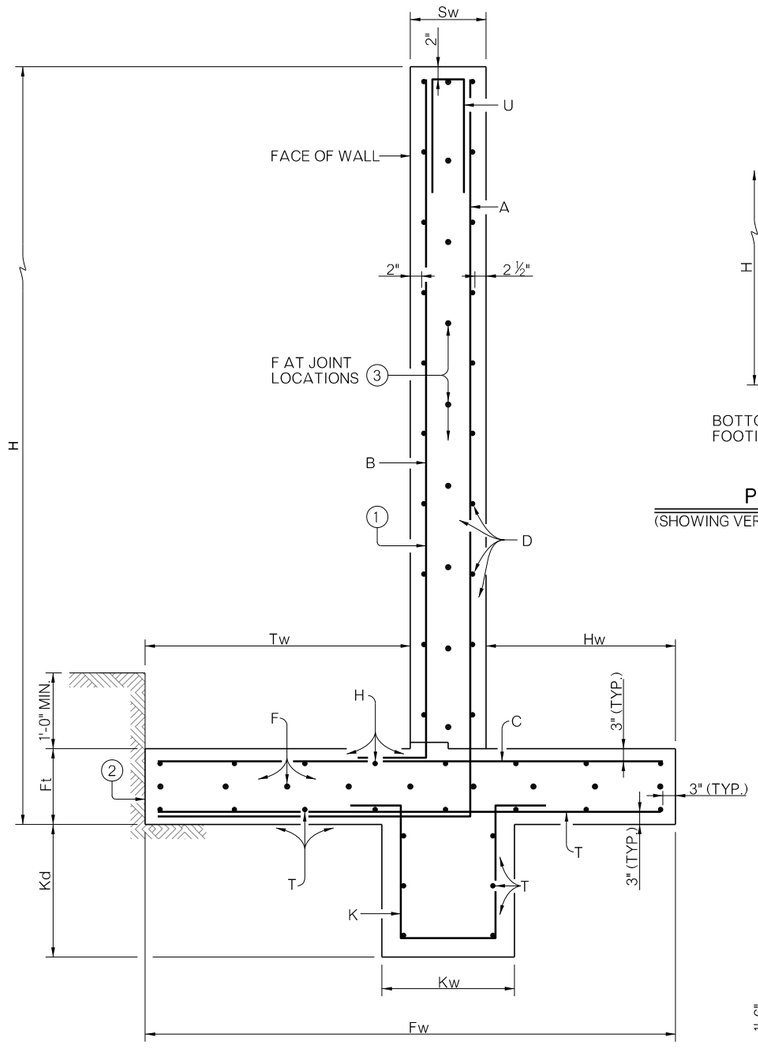
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. RW02

7/8/2024

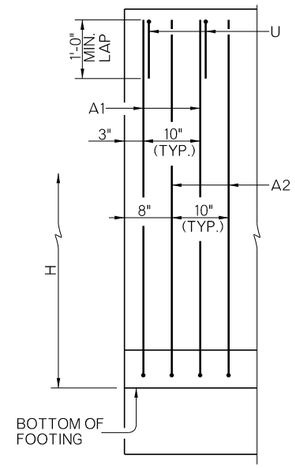
OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PANEL LABEL	PANEL LENGTH	WALL HEIGHT (H)	PROPERTIES								REINFORCING STEEL FOR ONE PANEL																										QUANTITIY FOR ONE PANEL		QUANTITIY PER VERTICAL FOOT	
			WALL DIMENSIONS								BARS A1					BARS A2					BARS B					BARS C					BARS E					BARS K				D (#5) AT 12" MAX		DOWEL F AT 12" MAX		H (#5) AT 12" MAX		T (#5) AT 12" MAX		U (#5) AT 10" MAX				
											NO.	SIZE	SPA. (in.)	LENGTH	WEIGHT	NO.	SIZE	SPA. (in.)	LENGTH	WEIGHT	NO.	SIZE	SPA. (in.)	LENGTH	WEIGHT	NO.	SIZE	SPA. (in.)	LENGTH	WEIGHT	NO.	SIZE	SPA. (in.)	LENGTH	WEIGHT	NO.	SIZE	SPA.	LENGTH	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	WEIGHT	NO.	LENGTH	WEIGHT	CONC. (CY)	REINF. (LB)	CONC. (CY/FT)	REINF. (LB/FT)
-	(FT.)	(FT.)	Fw	Tw	Sw	Hw	Ft	Kw	Kd	T/SF																																									
RW-6-25	25	6.0	5'-6"	1'-6"	1'-0"	3'-0"	1'-0"	1'-0"	1'-0"	0.395	31	#4	10	10'-8"	221	31	#4	10	10'-8"	221	31	#4	10	6'-11"	144	31	#4	10	5'-0"	104	31	#4	10	5'-0"	104	31	#4	10	3'-10"	80	12	313	12	97	6	157	6	157	31	8'-5"	220	11	1,818	1.83	303.00
RW-10.5-13	13	10.5	10'-4"	2'-11"	1'-2"	6'-3"	1'-4"	1'-9"	1'-9"	0.684	17	#5	10	18'-3"	324	17	#4	10	18'-3"	208	17	#4	10	12'-7"	143	17	#5	10	9'-10"	175	17	#4	10	9'-10"	175	17	#4	10	6'-1"	70	24	326	24	193	12	163	12	163	17	8'-7"	278	9	2,218	0.86	211.24
RW-10.5-30	30	10.5	10'-4"	2'-11"	1'-2"	6'-3"	1'-4"	1'-9"	1'-9"	0.684	37	#5	10	18'-3"	705	37	#4	10	18'-3"	452	37	#4	10	12'-7"	312	37	#5	10	9'-10"	380	37	#4	10	9'-10"	380	37	#4	10	6'-1"	151	24	751	24	193	12	376	12	376	37	8'-7"	278	21	4,354	2.00	414.67

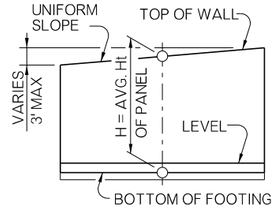


SECTION

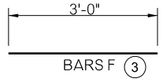


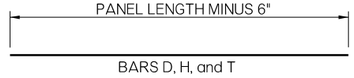
PARTIAL WALL ELEVATION

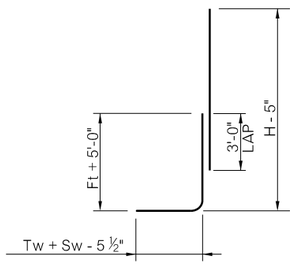
(SHOWING VERTICAL REINFORCING PATTERN IN BACK FACE.)

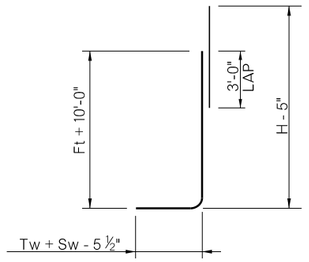


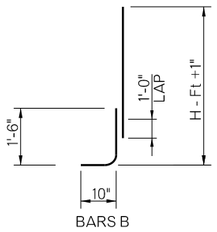
H DEFINITION

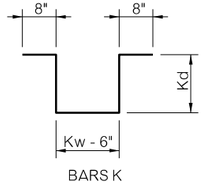


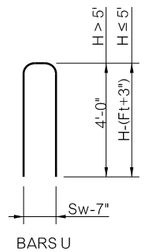












TOTAL CONCRETE AND REINFORCING QUANTITY					
RETAINING WALL LABEL	NUMBER OF PANELS			TOTAL CONC. (CY)	TOTAL REINF. (LB.)
	RW-6-25	RW-10.5-13	RW-10.5-30		
RETAINING WALL "A"	1	-	10	221	45,358
RETAINING WALL "B"	-	1	3	72	15,280

1. PLACE VERTICAL BARS INSIDE OF HORIZONTAL BARS (TYPICAL BOTH FACES).
2. PLACE FOOTING TO AGAINST UNDISTURBED SOIL.
3. SEE RETAINING WALL MISCELLANEOUS DETAILS (RW03) STANDARD SIZE.

MATERIAL NOTES:
PROVIDE CLASS AA CONCRETE (f'c =4,000 PSI)
PROVIDE GRADE 60 REINFORCING STEEL.

GENERAL NOTES:
DESIGNED ACCORDING TO AASHTO LRFD 2020 BRIDGE DESIGN SPECIFICATIONS.
WALLS ARE DESIGNED ASSUMING UNIT WEIGHT OF SOIL = 120 PCF AND A FRICTION ANGLE = 30 DEGREES FOR FOUNDATION AND RETAINED SOIL.
SEE RETAINING WALL MISCELLANIOUS DETAILS (RW04) STANDARD FOR DETAILS AND NOTES NOT SHOWN.
THESE DETAILS PROVIDE DESIGNS FOR WALL HEIGHTS OF 6 AND 10.5 FEET AND PANEL LENGTHS OF 25', 13' AND 30' RESPECTIVELY. FOR HEIGHTS NOT SHOWN, ROUND UP "H" TO DETERMINE THE WALL DIMENSIONS AND REINFORCING.
(FOR EXAMPLE, A 9-FOOT HIGHT WALL WOULD USE THE 10-FOOT HIGH DIMENSIONS 'AND REINFORCING.
QUANTITIES ARE BASED ON "H" BEING AVERAGE HEIGHT OF PANEL. RETAINING WALLS ARE DESIGNED BASED ON TRAFFIC SURCHARGE: NO SLOPE ABOVE WALL.
FOR A AND B BARS, LENGTHS SHOWN IN TABLE INCLUDE MIN. LAP LENGTH.

COVER DIMENSIONS ARE CLEAR DIMENSIONS, UNLESS NOTED OTHERWISE.
REINFORCEING BAR DIMENSIONS SHOWN ARE OUT-TO-OUT OF BAR.

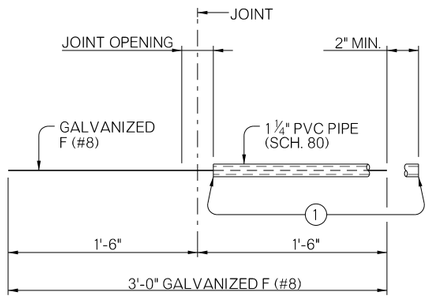
			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DESIGN			
DRAWN			RETAINING WALL DETAILS
CHECKED			
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. RW03

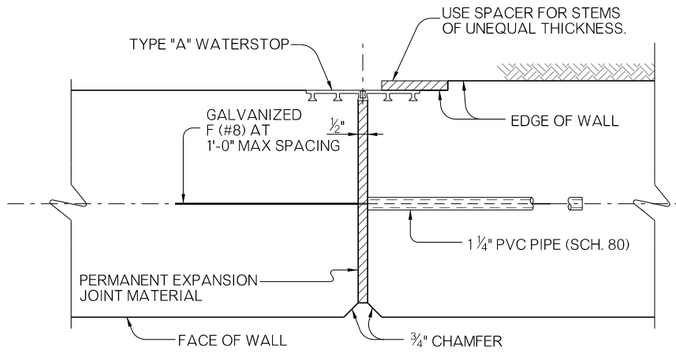
7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

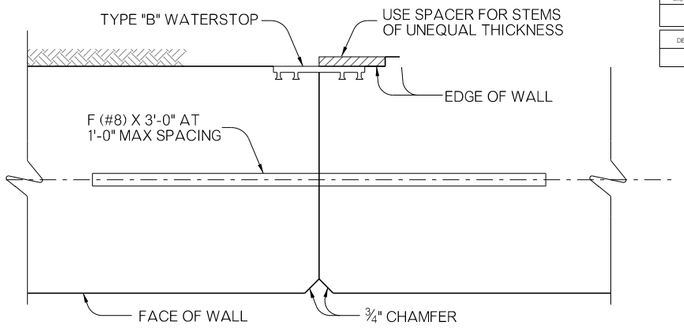
DESCRIPTION	REVISIONS	DATE



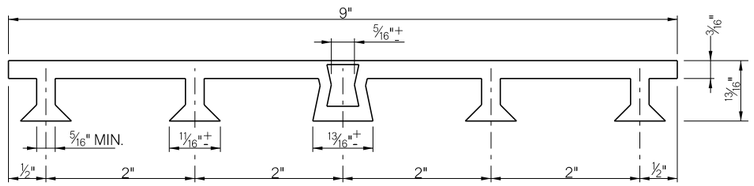
BAR F (#8) ASSEMBLY DETAIL



EXPANSION JOINT

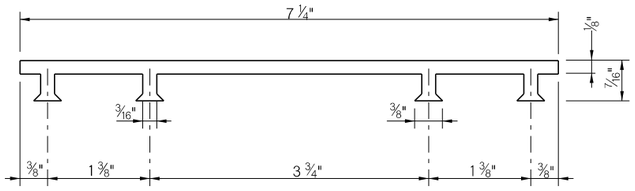


CONSTRUCTION JOINT



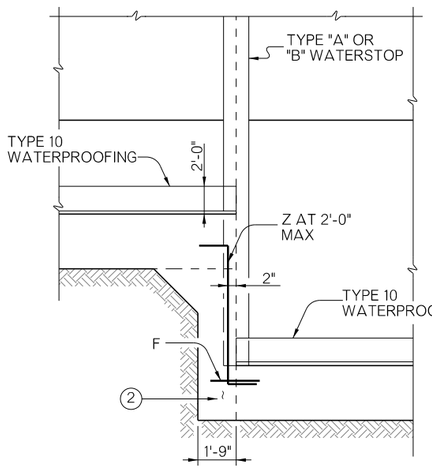
PVC WATERSTOP TYPE "A"

NOTE: DIMENSIONS AND SHAPES MAY VARY SLIGHTLY DEPENDING ON MANUFACTURER.

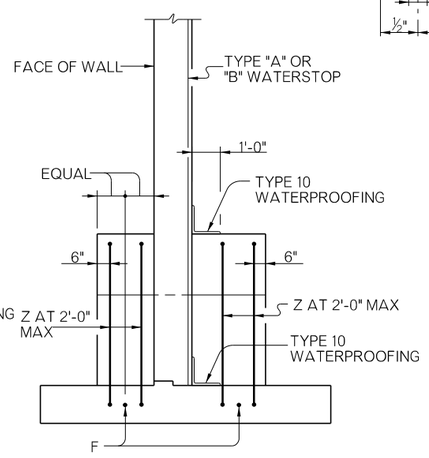


PVC WATERSTOP TYPE "B"

NOTE: DIMENSIONS AND SHAPES MAY VARY SLIGHTLY DEPENDING ON MANUFACTURER.

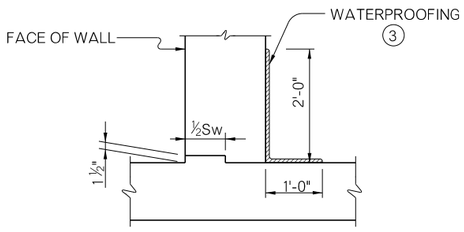


PARTIAL ELEVATION

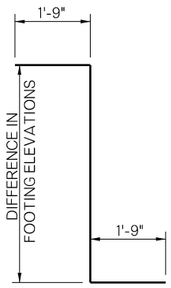


PARTIAL SECTION

SHOWING WATERSTOP AT FOOTING ELEVATION TRANSITION



JOINT AND WATERSTOP DETAILS



BARS Z (#5)
(OMIT BARS Z WHEN DIFFERENCE IN TOP OF FOOTING ELEVATIONS IS LESS THAN 2 FT).

DRAINAGE DETAILS AND EXCAVATION DIAGRAM

NOTE A: STOP COARSE AGGREGATE AT THIS LEVEL WHEN WEEP HOLES ARE USED.

NOTE B: USE COARSE AGGREGATE TO HERE WHEN UNDERDRAINS ARE USED.

1. TAPE ENDS OF 1 ¼" PVC SCHEDULE 80 TO PREVENT MORTAR FROM SEEPING IN.
2. CLASS C UNREINFORCED CONCRETE WHEN DIFFERENCE IN TOP OF FOOTING ELEVATIONS IS LESS THAN 2 FEET. OMIT WHEN DOWEL BARS F CAN BE PLACED BETWEEN ADJACENT FOOTINGS WITH 4-INCH COVER TOP AND BOTTOM. FOOTING ELEVATION DIFFERENCE NOT TO EXCEED 4 FEET.
3. IN ACCORDANCE WITH TABLE 712:4 OKLAHOMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.

MATERIAL NOTES:
PROVIDE CLASS AA CONCRETE (F'C=4,000 PSI)
PROVIDE 60 GRADE REINFORCING STEEL.

GENERAL NOTES:
WALLS ARE DESIGNDESIGNED ACCORDING TO AASHTO 2020 LRFD BRIDGE DESIGN SPECIFICATIONS. ED ASSUMING UNIT WEIGHT OF SOIL = 120 PCF AND A FRICTION ANGLE = 30 DEGREES FOR FOUNDATION AND RETAINED SOIL.
THE UNDISTURBED OR COMPACTED SOIL DEPTH IN FRONT OF WALLS MUST NOT MEASURE LESS THAN KD + FT + 1 FOOT AS MEASURED UPWARDS FROM BOTTOM OF KEY.
RETAINING WALLS ARE DETAILED TO BE PLACED ON GRADES UP TO 10% WITH LEVEL FOOTING, WITH NO CHANGES IN REINFORCING STEEL. STEEPER GRADES CAN BE ACCOMMODATED BY SHORTENING BARS A AND BARS B AND INCREASING THE LENGTH OF LEGS OF BARS U BY THE SAME AMOUNT. NO CHANGE IN QUANTITIES WILL BE REQUIRED.
RETAINING WALLS MAY BE PLACED ON HORIZONTAL CURVES BY ADJUSTING LENGTHS OF BARS T AND BARS H IN THE FOOTING. MINOR REVISIONS TO CONCRETE QUANTITIES MAY BE REQUIRED AS A RESULT.

COVER DIMENSIONS ARE CLEAR DIMENSIONS, UNLESS NOTED OTHERWISE.
REINFORCING BAR DIMENSIONS SHOWN ARE OUT-TO-OUT OF BAR.

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			RETAINING WALLS MISCELLANEOUS DETAILS
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. RW04

7/8/2024

REVISIONS		
REV. NO.	DESCRIPTION	DATE

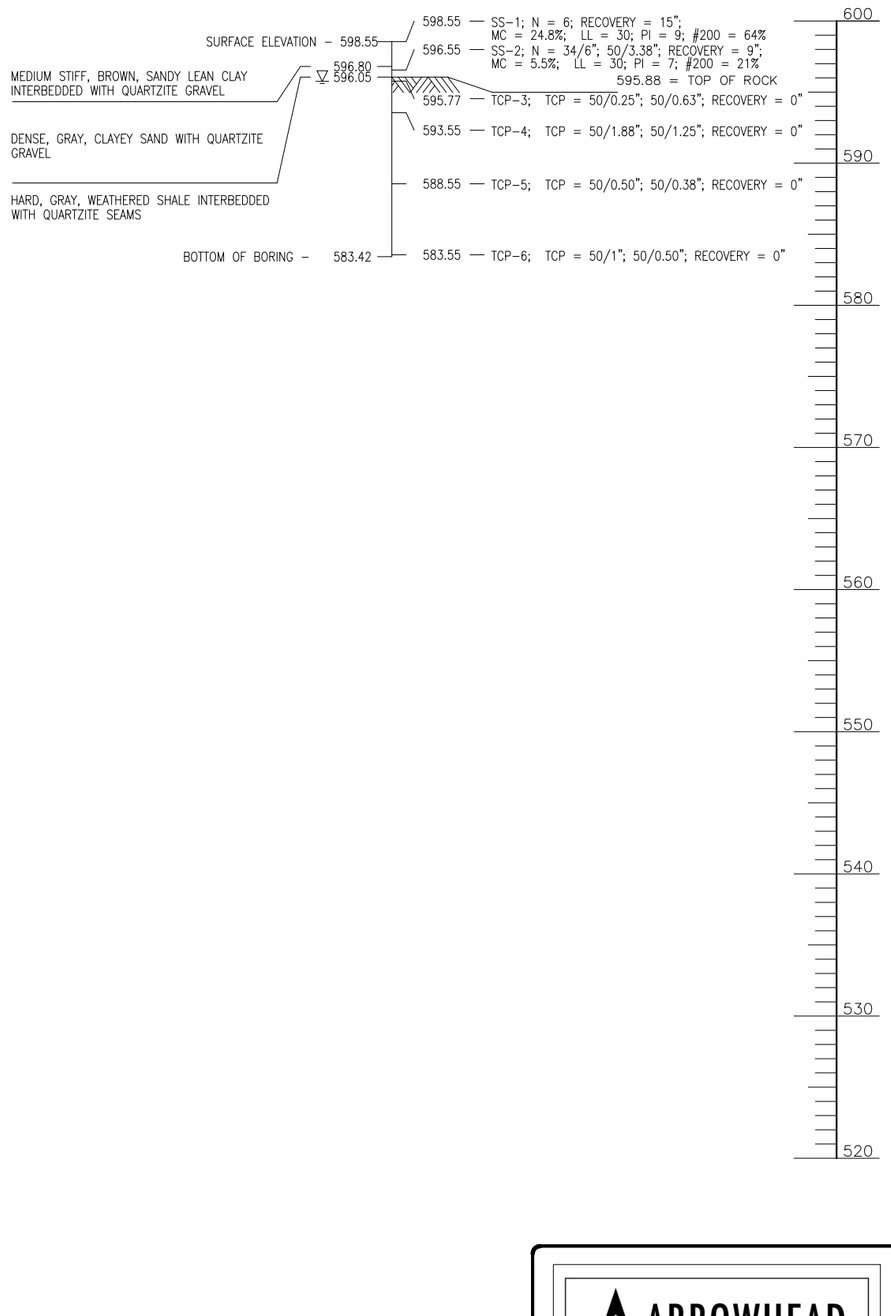
BORING NO. B-01

STATION 370+51.62, 53.45' LT. OF CL US-259
(MAY 11, 2024)



BORING NO. B-02

STATION 371+88.79 49.32' LT. OF CL US-259
(MAY 11, 2024)



LEGEND

V.	= VERY
FL.	= FAIRLY
SL.	= SLIGHTLY
LT.	= LIGHT
MED.	= MEDIUM
BRN.	= BROWN
TR.	= TRACE
DRK.	= DARK
BLK.	= BLACK

DCD	= DIAMOND CORE DRILLING, ASTM D2113-83
SPT	= STANDARD PENETRATION TEST, ASTM D1586
SS	= SPLIT SPOON SAMPLER
N	= NUMBER OF BLOWS PER 12 INCHES
MC	= MOISTURE CONTENT
LL	= LIQUID LIMIT (NV=NO VALUE)
PI	= PLASTICITY INDEX (NP=NO PLASTICITY)
#200	= PERCENT PASSING #200 SIEVE
UCS	= UNCONFINED COMPRESSIVE STRENGTH
TCP	= TEXAS CONE PENETROMETER
WCI	= WET CAVE IN
▽	= WATER LEVEL WHILE DRILLING OR SAMPLING
▼	= WATER LEVEL AFTER DRILLING
▽	= WATER LEVEL 24 HOURS AFTER DRILLING
//////	= TOP OF ROCK

NOTE: "SS" DENOTES STANDARD PENETRATION TEST, AASHTO D1586-84. "TCP" DENOTES TEXAS CONE PENETRATION TEST.

* NOTE: WATER LEVEL ELEVATION SHOWN WERE OBTAINED AT THE TIME THE BORINGS WERE DRILLED AND MAY FLUCTUATE THROUGHOUT THE YEAR.

** NOTE: ROCK CLASSIFICATION IS BASED ON DRILLING CHARACTERISTICS AND VISUAL OBSERVATION OF ROCK CORE SAMPLES. PETROGRAPHIC ANALYSIS OF THIN SECTIONS OF THE ROCK CORE SAMPLES MAY REVEAL OTHER TYPES.

SITE GEOLOGY

THE "ENGINEERING CLASSIFICATION OF GEOLOGIC MATERIALS, DIVISION TWO, "RESEARCH AND DEVELOPMENT DIVISION OF OKLAHOMA HIGHWAY DEPARTMENT, 1966, INDICATES THAT THE PROJECT SITE IS LOCATED OVER THE WOMBLE UNIT (OW). THIS GEOLOGIC FORMATION IS DESCRIBED THEREIN AS FOLLOWS:

WOMBER UNIT (OW): THIS UNIT CONSISTS OF BLACK FISSILE SHALE WITH SOME INTERBEDDED TAN TO BROWN SILTSTONE. THE UNIT ALSO INCLUDES SOME PROMINENT BEDS OF LIMESTONE AND QUARTZITE BRONZE SANDSTONE. THE SANDSTONE IS ESSENTIALLY A QUARTZITE AND ATTAINS A THICKNESS OF 15 FEET. IT IS CUT VERTICALLY BY THIN VEINS OF MILKY QUARTZ AND SMOKY QUARTZ. THE LIMESTONES ARE DARK AND GRAY TO BLUE, SILICEOUS, AND GENERALLY ARE THIN-BEDDED AND INTERBEDDED WITH DARK FISSILE SHALES.

THE TOTAL THICKNESS OF THE UNIT VARIES FROM 150 FEET TO AN ESTIMATED 700 FEET. THE UNIT OUTCROPS IN CENTRAL MCCURTAIN COUNTY, THE POTATO HILLS OF SOUTHERN LATIMER AND NORTHERN PUSHMATAHA COUNTIES, AND ALONG A THRUST FAULT IN ATOKA COUNTY IN DIVISION 2. THE UNIT GERNALLY FORMS VALLEYS UNDERLYING THE BIGFORK CHERT; BUT LOCALLY IN MCCURTAIN COUNTY WHERE IT HAS A WIDE OUTCROP PATTERN, IT MAY HAVE A ROLLING TOPOGRAPHY AND FORM CLIFFS ALONG CREEKS.

GEOTECHNICAL REPORT

ALL GEOTECHNICAL INFORMATION CONTAINED ON THIS SHEET IS COVERED BY THE ENGINEERING SEAL AFFIXED TO AN ORIGINAL GEOTECHNICAL ENGINEERING REPORT THAT HAS BEEN STAMPED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN OKLAHOMA. TO OBTAIN A COPY OF THE COMPLETE REPORT, CONTACT THE ODOT OFFICE ENGINEER AT (405) 521-2625. THE CONTRACTOR SHOULD BE FULLY AWARE OF THE SITE CONDITIONS PRIOR TO BEGINNING WORK. ANY ADDITIONAL GEOTECNICAL INFORMATION WHICH MAY BE DESIRED IS THE RESPONSIBILITY OF THE CONTRACTOR.

ARROWHEAD ENGINEERING

RETAINING WALL 'A' MCCURTAIN COUNTY
US-259 NEAR YASHAU CREEK

FOUNDATION BORING LOGS
(SHEET 1 OF 2)

Design		
Detail		
Check		
Squad:		
Engr.:		

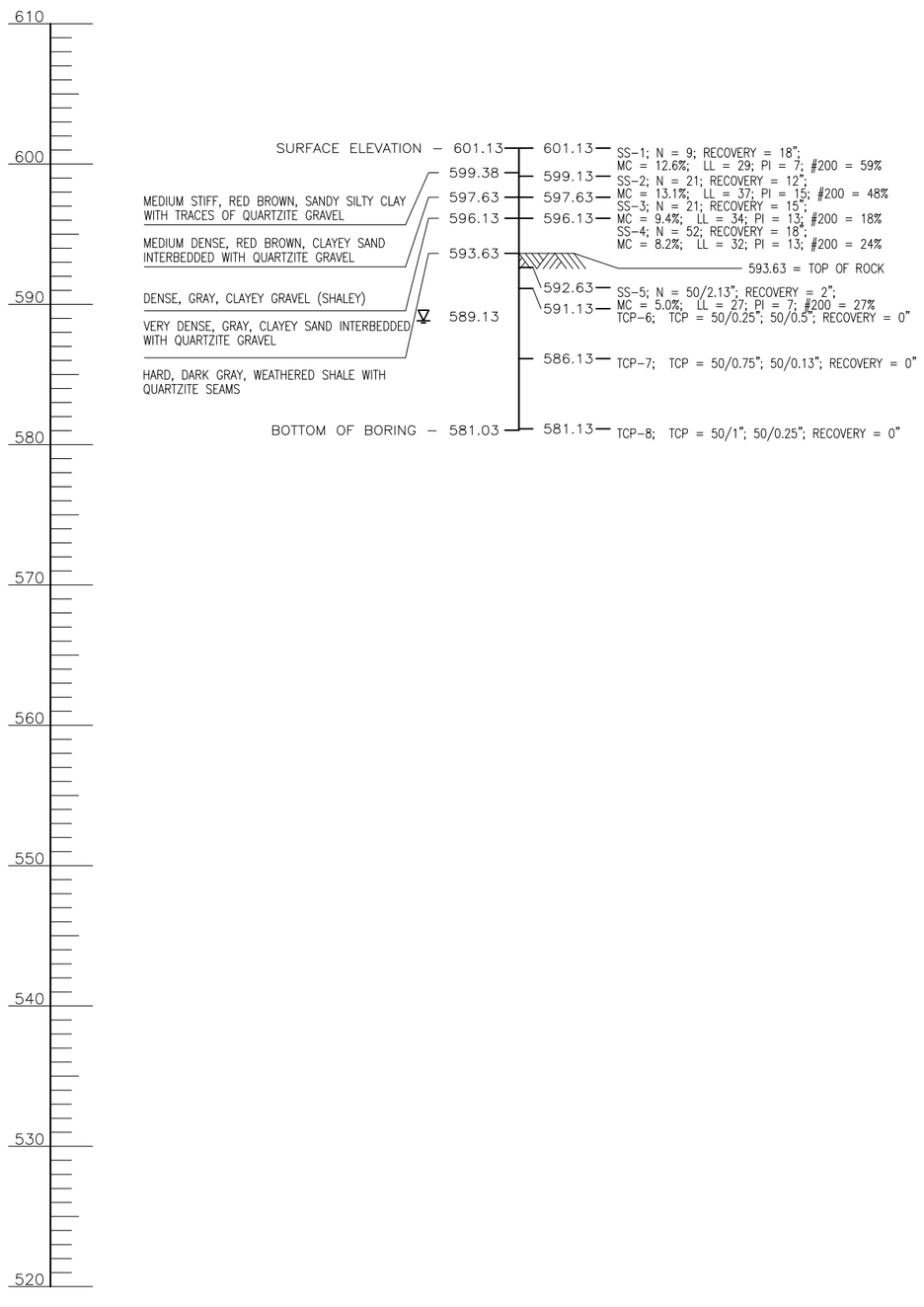
STATE OF OKLAHOMA | DEPARTMENT OF TRANSPORTATION

JOB PIECE NO. 34333(08) | SHEET NO. RW05

REVISIONS		
REV. NO.	DESCRIPTION	DATE

BORING NO. B-03

STATION 373+31.34, 54.89' LT. OF CL US-259
(MAY 11, 2024)



LEGEND

V.	= VERY	DCD	= DIAMOND CORE DRILLING, ASTM D2113-83
FL.	= FAIRLY	SPT	= STANDARD PENETRATION TEST, ASTM D1586
SL.	= SLIGHTLY	SS	= SPLIT SPOON SAMPLER
LT.	= LIGHT	N	= NUMBER OF BLOWS PER 12 INCHES
MED.	= MEDIUM	MC	= MOISTURE CONTENT
BRN.	= BROWN	LL	= LIQUID LIMIT (NV=NO VALUE)
TR.	= TRACE	PI	= PLASTICITY INDEX (NP=NO PLASTICITY)
DRK.	= DARK	#200	= PERCENT PASSING #200 SIEVE
BLK.	= BLACK	UCS	= UNCONFINED COMPRESSIVE STRENGTH
		TCP	= TEXAS CONE PENETROMETER
		WCI	= WET CAVE IN
		▽	= WATER LEVEL WHILE DRILLING OR SAMPLING
		▼	= WATER LEVEL AFTER DRILLING
		▽	= WATER LEVEL 24 HOURS AFTER DRILLING
			= TOP OF ROCK

NOTE: "SS" DENOTES STANDARD PENETRATION TEST, AASHTO D1586-84. "TCP" DENOTES TEXAS CONE PENETRATION TEST.

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ARROWHEAD ENGINEERING

RETAINING WALL 'A' MCCURTAIN COUNTY
US-259 NEAR YASHAU CREEK

FOUNDATION BORING LOGS
(SHEET 2 OF 2)

Design		
Detail		
Check		
Squad:		
Engr.:		

STATE OF OKLAHOMA | DEPARTMENT OF TRANSPORTATION
JOB PIECE NO. 34333(08) | SHEET NO. FLW06

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

SE/4 of Section 13, Township 5 South, Range 24 East

SE/4 of Section 18, Township 5 South, Range 25 East

SW/4 of Section 18, Township 5 South, Range 25 East

SW/4 of Section 18, Township 5 South, Range 25 East

SW/4 OF SECTION 18, TOWNSHIP 5 SOUTH, RANGE 24 EAST

P.O.T. Station 318+64.15 on E/W ℄ (Nothing Set)
51.41' West to Section Corner
2557.48' East to 1/4 Section Corner

P.O.T Station 330+45.48 on ℄ (Nothing Set)

P.O.C. Station 345+11.15 on E-W ℄
47.18' East to 1/4 Section Corner
2596.49' West to C/4 Section Corner

P.O.C. Station 345+11.15 on E/W 1/4 ℄ (Nothing Set)
47.18' East to 1/4 Section Corner
2596.49 West to C/4 Section Corner

FAP-002(3) PLANS ℄ BEARING	THIS SURVEY'S ℄ BEARING
N00°00'00"E	N01°49'46.2"W

I WAS UNABLE TO LOCATE A SET OF PLANS FOR S.H. 259A. THE CENTERLINE SHOWN HEREINAFTER IS CONSTRUCTED OFF OF PHYSICAL CENTERLINE

PLS	JWP	
DRAWN	JWP	
CHECKED	BLB	
APPROVED	BLB	
CREW	ANTLERS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SURVEY DATA SHEET

SWO 5534 (1) PROJECT NO. 34333 (08) SHEET NO. S001

SDS 18 OF 28

8-87

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

NE/4 of Section 13, Township 5 South, Range 24 East

350+00 | 355+00 | 360+00 | 365+00 | 370+00 | 375+00

'336'
'27.2378" RT.
9987'
'F
99.00SF
'ARING N12°19'59.7919"W

PI 345+00.4336
Δ 21°00'27.2378" LT
D 00°59'59.9987"
T 1062.31SF
L 2100.76SF
R 5729.58SF
PC 334+38.13
PT 355+38.88
CHORD 2089.01'
CHORD BEARING N12°19'59"W

CHORD = 1002.66'
CHORD BEARING = N17°45'35"W

7305

PT 355+38.88 (Nothing Set)

PRESENT R/W

1461.11'

PRES.R/W

8038

345.33'
S22°50'13"E

P.O.T. Station 373+07.53 on E/W ℄ (Nothing Set)
960.12' East to Section Corner
1685.70' West to 1/4 Section Corner

1739.45'
S88°01'57"W

33.0'
16.5'
Statutory R/W

2645.82'
S88°01'57"W

8041

330.44'
S01°49'25"E

8040

764.07'
N01°49'25"W

793.22'
S88°01'57"W

3661.40' PRES.R/W
N22°50'13"W

817.71'
S22°50'13"E

301

7307

N22°50'13.4"W 3661.40'

348+00

65'

A001 ℄ SURVEY AND U.S. 259

303

A001 Centerline Survey and U.S. 259

N22°50'13.4"W 3661.40'

A001 ℄ SURVEY AND U.S. 259

PRES.R/W

PRES R/W

72.75'

7306

PRESENT R/W

26.05'
135.25'
S84°25'18"E

R.P.S. 1/2" Iron Rods
36.46'

FAP-002(5) PLANS ℄ BEARING	THIS SURVEY'S ℄ BEARING
N21°01'00"W	N22°50'13.4"W

140.72'
S80°23'16"E
37.34'

34.38'
69.00'
N22°50'13"W
3661.40' PRES.R/W

7308

E/W ℄ 199

S01°52'0
660.1'
ith cap

N-S ℄ 467
2640.50 Feet North
to Section Corner

8466

R.P.S. 1/2" Iron Rods

33.0
Statutory R/W
16.5
Statutory R/W

8461

NE/4 of Section 13, Township 5 South, Range 24 East

NE/4 OF SECTION 13, TOWNSHIP 5 SOUTH, RANGE 24 EAST

NW/4 of Section 18, Township 5 South, Range 25 East

S88°27'28"W
646.51'

2640.50'
N01°52'03"W

890.56'
S88°01'57"W

SE/4 of Section 12, Township 5 South, Range 24 East

33.0'
16.5'
Statutory R/W

9007

NW/4 OF ECTION 18, TOWNSHIP 5 SOUTH, RANGE 24 EAST

PLS	JWP	
DRAWN	JWP	
CHECKED	BLB	
APPROVED	BLB	
CREW	ANTLERS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SURVEY DATA SHEET

SWO 5534 (1) PROJECT NO. 34333 (08) SHEET NO. S002

SDS 19 OF 28

8-87

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

SE/4 of Section 12, Township 5 South, Range 24 East

NE/4 of Section 12, Township 5 South, Range 24 East

1323.05' N88°02'05"E

1323.19' N88°02'13"E

330.80' S88°02'13"W

660.93' N01°50'09"W

1109.44' S88°02'30"W

330.87' N88°02'30"E

660.90' S01°49'47"E

330.80' N88°02'13"E

330.44' S01°49'25"E

103.20' N01°49'25"W

116.84' S88°02'30"W

1205.70' N22°50'13"W

208.85' N22°50'13"W

195.14' S01°49'25"E

74.89' N88°02'30"E

1323.47' N88°02'30"E

319.84' N88°06'01"E

302.52' S01°50'53"E

433.00' N71°04'01"E

627.00' N38°05'44"W

320.52' N88°03'03"E

335.16' S88°03'03"W

387.70' N88°02'03"E

90.00' S88°03'03"W

152.42' N34°23'13"W

47.00' N06°55'40"W

81.91' N06°55'40"W

490.23' N13°33'59"E

107.99' N13°11'03"W

23.56' N83°27'04"E

41.37' N01°32'49"W

86.39' N36°33'55"E

49.87' 50.04' 99.91' S88°22'25"W

15.57' S68°06'07"E

L=1893.22'
R=5794.58'
CHORD = 1884.81'
CHORD BEARING = N13°28'38"W

L=567.38' R=5664.58'

L=490.40' R=5619.58'

226.07' PRES. R/W N04°29'38"W

50.09' PRES. R/W N21°06'49"W

108.14' 51.87' 52.31' N17°39'59"E

PRESENT R/W

A001 ℄ SURVEY AND U.S. 259

65' 65' 65' 110' 110' 65'

8042 8043 8046 8047 8049 8050 8051 8052 8053 8054 8055 8056 8057 8058 8059 8060 8061 8062 8063 8064 8065 8066 8067 8068 8313 8314 8461 8463 8464 7309 7310 7311 7312 7313 7314 305 329

380+00 385+00 390+00 395+00 400+00 405+00 408+00 378+00

8034 9028

PI 401+44.70 (3/8" Iron Rod)

R.P.'S. 3/8" Iron Rods

PC 392+00.2890 (Nothing Set)

R.P.'S. 1/2" Iron Rods

E/W ℄ 198.5

PI 401+44.6969
Δ 18°43'11.3857" RT
D 00°59'59.9987"
T 944.41SF
L 1871.98SF
R 5729.58SF
PC 392+00.29
PT 410+72.27
CHORD 1863.67'
CHORD BEARING N13°28'37"W

FAP-002(5) PLANS ℄ BEARING	THIS SURVEY'S ℄ BEARING
N21°01'23"W	N22°50'13.4"W

2648.05' N88°03'03"E

P.O.C Station 401+13.02 on E/W 1/4 ℄ (Nothing Set)
1898.15' East to Section Corner
749.91' West to C/4 Section Corner

SDS 20 OF 28

PLS	JWP	
DRAWN	JWP	
CHECKED	BLB	
APPROVED	BLB	
CREW	ANTLERS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SURVEY DATA SHEET

SWO 5534 (1) PROJECT NO. 34333 (08) SHEET NO. S003

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

2643.70'
N01°50'52"W

N/S ℄ 466.5

NE/4 of Section 12, Township 5 South, Range 24 East

SW/4 of Section 1, Township 5 South, Range 24 East

8073 8062 8075 8082 8092 8093 9026 8100

105.00'
N08°17'25"W

411.00'
N07°24'55"W

153.71'
N03°14'31"W

97.00'
N43°21'12"E

113.92'
N18°06'51"E

33.0'

272.79'
N38°56'42"W

410+00 415+00 420+00 425+00 430+00 435+00

8061 8076 8084 8095 8099

R.P.'S. 1/2" Iron Rods

S89°50'58"W 249.69'

224.32'
S85°30'57"W

220.58'
N88°05'56"E

131.88'
N87°27'38"E

383.52'
S88°37'59"W

481.00'
N09°16'49"E

16.5'

Statutory R/W

PI 431+91.1730
Δ 22°39'30.8915" LT
D 00°59'59.9987"
T 1147.93SF
L 2265.86SF
R 5729.58SF
PC 420+43.24
PT 443+09.10
CHORD 2248.56'
CHORD BEARING N15°27'25"W

478.00'
N13°33'59"E

225.00'
N54°02'11"E

96.00'
S15°08'19"E

224.83'
S06°08'29"E

162.33'
N02°56'42"W

100.00'
N28°07'25"W

242.15'
N17°23'55"E

289.16'
N34°05'33"E

8069 8070 8079 8078 8089 8090 8094 8096 8088

56.12' 62.16' 215.34' N88°34'55"W

180.08'
S13°33'59"W

96.00'
S13°24'55"E

75.17'
S32°49'47"W

137.21'
N88°05'05"E

146.36'
S87°52'00"W

172.69'
N88°03'02"E

177.18'
S87°57'28"W

141.12'
N88°37'59"E

158.85'
N88°04'44"E

214.64'
S88°04'44"W

590.40'
N38°56'42"W

8080 8086 8085 8091

PC 420+43.2436
(Nothing Set)

L=462.30'
R=5609.58'
CHORD = 462.16'
CHORD BEARING = N09°13'23"W

7316 7320

65' 110' 120'

396.77'
S04°13'34"E

970.97' PRES.R/W
N04°07'02"W

247.10'
S04°07'02"E

147.05'
S16°59'55"E

275.58' PRES.R/W
N16°59'55"W

227.76'
N45°07'55"W

60.60'

56.30'

245.46'
S41°14'12"E

SE/4 of Section 1, Township 5 South, Range 24 East

L=1204.65'
R=5664.58'
CHORD = 1199.71'
CHORD BEARING = N17°37'40"W

8071 8072 8083 8087 7317 7321 8098

A001 ℄ SURVEY AND U.S. 259

N04°07'02.0"W

970.97'

PRESENT R/W

55.78' PRES.R/W
N88°02'15"E

110.26'

306 7315 8074 8081 7322 304 8097

R=5629'

L=513.

970.97' PRES.R/W
N04°07'02"W

PT 410+72.2726
(Nothing Set)

65.27'
N84°18'42"E
1/2" Iron Rod

66.29'
S87°23'28"W
1/2" Iron Rod

51.89' PRES.R/W
N04°44'39"E

L=1667.85'
R=5794.58'

7318 7319

105.87'
N85°20'20"E
R/W Marker

L = 670.90'
R = 5839.58
CHORD = 670.53'
CHORD BEARING = N07°54'31"W

45.61' PRES.R/W
S89°09'31"W

E/W ℄ 198

115.59'
N87°26'21"E

22.02' 30.37' 63.20'

PI 431+91.17
3/8" Iron Rod

308

R.P.'S. 1/2" Iron Rods

P.O.C. Station 427+69.54 on E/W ℄ (Nothing Set)
2130.52' East to Section Corner
518.98' West to 1/4 Section Corner

Statutory R/W

33.0'

16.5'

2639.51'
S88°04'44"W

FAP-002(5) PLANS ℄ BEARING	THIS SURVEY'S ℄ BEARING
N02°15'53"W	N04°07'02.0"W

NE/4 of Section 12, Township 5 South, Range 24 East

SE/4 of Section 1, Township 5 South, Range 24 East

SDS 21 OF 28

PLS	JWP	
DRAWN	JWP	
CHECKED	BLB	
APPROVED	BLB	
CREW	ANTLERS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SURVEY DATA SHEET

SWO ( ) PROJECT NO. 34333 (08) SHEET NO. S004

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

SW/4 of Section 1, Township 5 South, Range 24 East

NW/4 of Section 1, Township 5 South, Range 24 East

SW/4 of Section 1, Township 5 South, Range 24 East

SE/4 of Section 1, Township 5 South, Range 24 East

NW/4 of Section 1, Township 5 South, Range 24 East

P.O.T Station 444+61.89 (Nothing Set)
481.74' East to C/4 Section Corner
2164.75' West to 1/4 Section Corner

P.O.T Station 456+05 on E/W 1/4 ℄ (Nothing Set)
481.74' East to C/4 Section Corner
2164.75' West to 1/4 Section Corner

PT 443+09.1025 (Nothing Set)

R.P.S. 1/2" Iron Rods

N/S ℄ 466.5

E/W ℄ 196'

A001 ℄ SURVEY AND U.S. 259

PRESENT R/W

438+00 440+00 445+00 450+00 455+00 460+00 465+00 468+00

FAP-002(5) PLANS ℄ BEARING	THIS SURVEY'S ℄ BEARING
N24°53'23"W	N26°46'32.9"W

PLS	JWP	
DRAWN	JWP	
CHECKED	BLB	
APPROVED	BLB	
CREW	ANTLERS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SURVEY DATA SHEET

SWO 5534 (1) PROJECT NO. 34333 (08) SHEET NO. S005

SDS 22 OF 28

8-87

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

P.O.T. Station 470+00 on ℄ (Nothing Set)

NW/4 of Section 1, Township 5 South, Range 24 East

FAP-002(5) PLANS ℄ BEARING	THIS SURVEY'S ℄ BEARING
N24°53'23"W	N26°46'32.9"W

P.O.T. Station 485+22.68 on E-W ℄ 197
1136.78' East to Section Corner
1506.61' West to 1/4 Section Corner

SE/4 SECTION 35, TOWNSHIP

SE/4 of Section 35, Township 4 South, Range 24 East

NW/4 of Section 1, Township 5 South, Range 24 East

A001 ℄ SURVEY AND U.S. 259

A001 Centerline Survey and U.S. 259

PRESENT R/W

PRES.R/W

Statutory R/W

E-W ℄ 197

R.P.'S. 1/2" Iron Rods

Ft.'s. 1/2" Iron Rods

8111 8113 8116 8123 8121 8115 8119 8120 8125 8124 8127 8129 8131 8132 8138 8137 8118 8136 8139 7341 7340 7339 7337 7338 313 8135 8421 8422 8423 8410 312 8436 8418 8437 8429 8445 8434 8435 8430 8439 8440 8432 8433 8431 8426 8427 8425 7333 7336 7324 8428 8424 7334 9019

106.66' N01°48'23"W
96.84' N01°51'04"E
313.10' N1°47'35"W
42.22' S02°18'20"E
91.05' N01°47'35"W
297.84' N01°47'35"W
206.79' N00°06'49"E
44.51' N00°06'49"E
275.96' S76°41'55"W
253.53' N88°08'21"E
157.05' S88°01'20"W
128.17' N71°04'39"E
268.40' S26°46'33"E
79.14' S26°46'33"E
1350.95' S26°46'33"E
104.20' S50°09'37"W
54.18' S64°43'38"W
622.65' S70°23'07"W
142.77' S26°46'33"E
207.14' S88°01'21"W
281.44' S88°01'10"W
2643.40' S88°01'21"W
862.95' N88°01'34"E
492.82' S88°01'22"W
33.0'
16.5'
212.49' N01°58'04"W
659.50' S01°58'04"E
447.01' N01°58'04"W
325.00' N77°01'45"E
325.00' S77°01'45"W
246.88' S09°23'10"E
246.88' N09°23'10"W
82.19' S72°18'16"W
82.19' N72°18'16"E
256.87' N53°23'37"E
256.87' S53°23'37"W
83.25' N34°38'44"E
3.15' S26°46'33"E
113.01' S26°46'33"E
125.72' S26°46'33"E
137.97' S27°08'51"E
418.92' N88°01'56"E
418.92' S88°01'56"W
L=205.99'
R=10633.63'
CHORD = 205.99'
CHORD BEARING = N27°19'51"W
2C 491+62.3570 Nothing Set
229.48' N38°05'09"W
241.88' N26°46'33"W
227.68' N17°05'09"W
110'
65'
100'
650.00' N26°46'33"W
650.36' S26°46'33"E
133.73' N87°52'51"E
135.12' N36°21'39"E
54.15' N26°44'46"E
146.25' S88°01'21"E
260.66' S75°38'07"E
52.41' S88°01'21"E
1326.63' S88°01'21"E
1002.63' N88°01'21"E
543.49' N88°01'20"E
561.80' N88°01'34"E
476.00' S88°01'34"W
736.91' N88°01'34"E
249.95' S01°58'26"E
348.20' S01°58'26"E
728.29' S02°37'14"E
174.70' S01°49'13"E
360.00' S01°49'16"E
433.72' N88°01'36"E
33.0'
16.5.
197.40' N26°46'33"W
2537.96' PRES N26°46'33"W
199.79' N69°50'13"E
87.63'
61.52'
51.24'
275.28' N26°46'33"W
100.64' N26°46'33"W
100.00' S88°01'34"W
100.00' S25°58'26"E
101.54' N88°01'34"E
282.94' N26°46'33"W
229.95' N26°46'33"W
192.46' N26°46'33"W
208.71' S88°01'34"W
289.91' N88°01'37"E
300.01' S88°01'37"W
N15°27'57"W
N26°46'33"W
PRES R/W
N26°46'32.9"W
468+00
475+00
480+00
485+00
490+00
495+00
498+00

SDS 23 OF 28

PLS	JWP	
DRAWN	JWP	
CHECKED	BLB	
APPROVED	BLB	
CREW	ANTLERS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SURVEY DATA SHEET

SWO 5534 (1) PROJECT NO. 34333 (08) SHEET NO. S006

8-87

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

4 SOUTH, RANGE 24 EAST

SW/4 SECTION 35, TOWNSHIP 4 SOUTH, RANGE 24 EAST

SW/4 SECTION 35, TOWNSHIP 4 SOUTH, RANGE 24 EAST

NW/4 of Section 35, Township 4 South, Range 24 East

SE/4 of Section 35, Township 4 South, Range 24 East

E/4 SECTION 35, TOWNSHIP 4 SOUTH, RANGE 24 EAST

NE/4 of Section 35, Township 4 South, Range 24 East

THIS AREA IS PART OF THE SPRING MOUNTAIN ESTATES SUBDIVISION. THE SAID SUBDIVISION PLAT DOES NOT GIVE SUFFICIENT ENOUGH INFORMATION TO MATHMATICALLY PLACE THE LOTS ACCURATELY. THE PLACEMENT OF THESE LOTS IS APPROXIMATE

P.O.T. Station 515+62.77 on E-W 1/4 & 196.5
1.04' West to C4Section Corner
2630.77 East to 1/4 Section Corner

PI 501+64.5299
Δ 10°39'30.0000"LT
D 00°31'59.8800"
T 1002.17SF
L 1998.56SF
R 10743.63SF
PC 491+62.36
PT 511+60.92
CHORD 1995.68'
CHORD BEARING N32°06'18"W

PI 501+64.5325
Δ 10°39'30.0000"LT
D 01°44'58.8064"
T 1002.17SF
L 1998.56SF
R 10743.63SF
CHORD 1995.68SF
CHORD BEARING N32°06'18"W
PC 491+62.36
PT 511+60.92

L=1555.97'
R=10678.63'
CHORD = 1554.59'
CHORD BEARING = N33°15'36"W

A001 ℄ Centerline Survey and U.S. 259

A001 ℄ SURVEY AND U.S. 259

A002 Centerline of Stephens Gap Road

FAP-002(5) PLANS ℄ BEARING	THIS SURVEY'S ℄ BEARING
N35°32'53"W	N37°26'02.9"W

PLS	JWP	
DRAWN	JWP	
CHECKED	BLB	
APPROVED	BLB	
CREW	ANTLERS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SURVEY DATA SHEET

SWO 5534 (1) PROJECT NO. 34333 (08) SHEET NO. S007

SDS 24 OF 28

8-87

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

THIS AREA IS PART OF THE SPRING MOUNTAIN ESTATES SUBDIVISION. THE SAID SUBDIVISION PLAT DOES NOT GIVE SUFFICIENT ENOUGH INFORMATION TO MATHMATICALLY PLACE THE LOTS ACCURATELY. THE PLACEMENT OF THESE LOTS IS APPROXIMATE

NW/4 SECTION 35, TOWNSHIP 4 SOUTH, RANGE 24 EAST

P.O.T Station 530+00 on ℄ (Nothing Set)

P.O.T Station 547+80.33 on E/W ℄ (Nothing Set)
1867.21' East to 1/4 Section Corner:
794.83' West to Section Corner

NW/4 of Section 35, Township 4 South, Range 24 East

SE/4 of Section 27, Township 4 South, Range 24 East

SW/4 of Section 26, Township 4 South, Range 24 East

R.P.'S. 1/2" Iron Rods

A001 ℄ Centerline Survey and U.S. 259

PRESENT R/W

E/W ℄ I96

528+00 530+00 535+00 540+00 545+00 550+00 555+00 558+00

8181 8180 8184 8182 8177 8365 8366 8363 8367 8364 8361 8352 8359 8360 8358 8357 8356 8355 8353 8354 8350 8351 8349 8193 8188 8189 8192 8194 8186 8198 8199 8187 8185 8190 8191 8193 8195 8096 9034 7353 317 8348 8341

| | | | |

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

P.O.T Station 561+27.78 on N/S ℄ (Nothing Set)
1541.60' North to 1/4 Section Corner.
1102.07' South to Section Corner

P.O.T Station 573+00 on ℄ (Nothing Set)

P.O.T Station 580+21.03 on E/W 1/4 ℄ Nothing Set)
1116.69' East to 1/4 Section Corner.
1535.25 West to C/4 Section Corner.

SE/4 of Section 27, Township 4 South, Range 24 East

NE/4 of Section 27, Township 4 South, Range 24 East

SW/4 of Section 26, Township 4 South, Range 24 East

A001 ℄ SURVEY AND U.S. 259

N37°26'02.9"W

E/W ℄ 195.5

N/S ℄ 465

16.5'

33.0'

1/2" Iron Rod

NGS Monument

R.P.'S. 1/2" Iron Rods

FAP-002(5) PLANS ℄ BEARING	THIS SURVEY'S ℄ BEARING
N35°32'53"W	N37°26'02.9"W

PLS	JWP	
DRAWN	JWP	
CHECKED	BLB	
APPROVED	BLB	
CREW	ANTLERS	

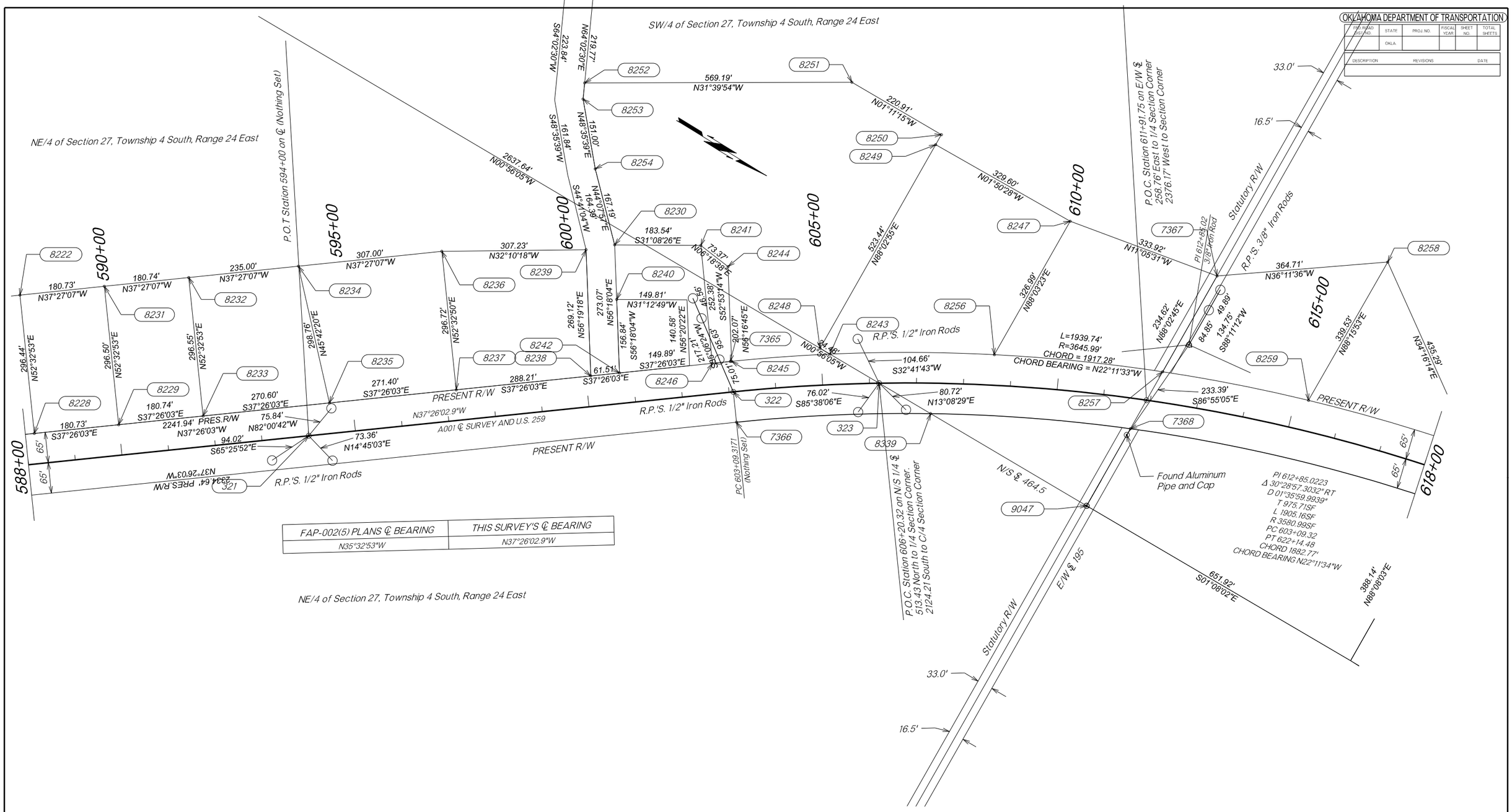
OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SURVEY DATA SHEET

SWO 5534 (1) PROJECT NO. 34333 (08) SHEET NO. S009

SDS 26 OF 28

8-87



OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

FAP-002(5) PLANS ℄ BEARING	THIS SURVEY'S ℄ BEARING
N35°32'53"W	N37°26'02.9"W

NE/4 of Section 27, Township 4 South, Range 24 East

SDS 27 OF 28

PLS	JWP	
DRAWN	JWP	
CHECKED	BLB	
APPROVED	BLB	
CREW	ANTLERS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

SURVEY DATA SHEET

SWO 5534 (1) PROJECT NO. 34333 (08) SHEET NO. S010

8-87

OKLAHOMA DEPARTMENT OF TRANSPORTATION

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	OKLA.				

DESCRIPTION	REVISIONS	DATE

SW/4 of Section 22, Township 4 South, Range 24 East

NW/4 of Section 22, Township 4 South, Range 24 East

SW/4 of Section 22, Township 4 South, Range 24 East

NW/4 of Section 22, Township 4 South, Range 24 East

P.O.T Station 630+00 on ℄ (Nothing Set)

P.O.T. Station 638+39.82 on E/W 1/4 ℄ (Nothing Set)
670.08' East to C/4 Section Corner.
1956.38' West to 1/4 Section Corner

P.O.T Station 647+00 on ℄ (Nothing Set)

A001 ℄ SURVEY AND U.S. 259

E/W ℄ 194.5

R.P.'S. 1/2" Iron Rods

PT 622+48.06 (Nothing Set)

620+00 625+00 630+00 635+00 640+00 645+00 618+00 648+00

FAP-002(5) PLANS ℄ BEARING	THIS SURVEY'S ℄ BEARING
N05°04'53"W	N06°57'05.6"W

PLS	JWP	
DRAWN	JWP	
CHECKED	BLB	
APPROVED	BLB	
CREW	ANTLERS	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
SURVEY DIVISION

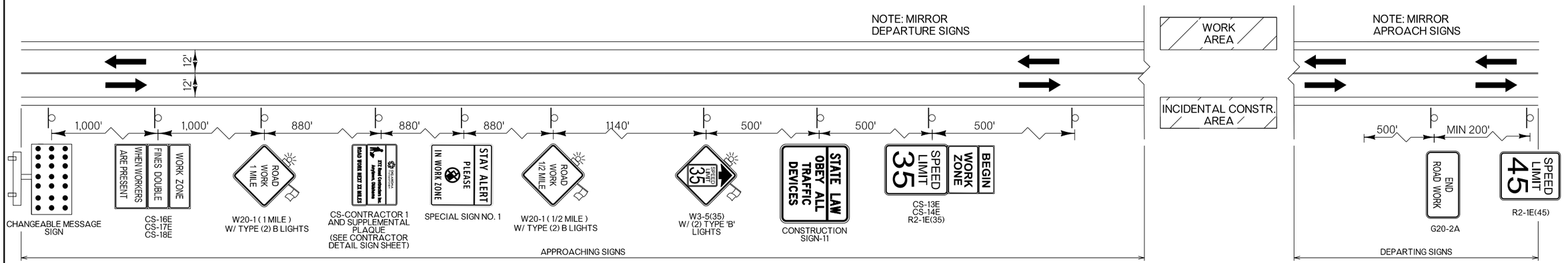
SURVEY DATA SHEET

SWO 5534 (1) PROJECT NO. 34333 (08) SHEET NO. S011

SDS 28 OF 28

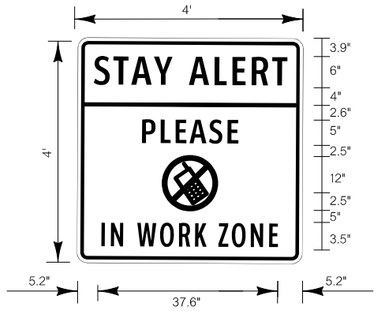
OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE



ADVANCE WARNING SIGNS DETAIL

DRAWING NOT TO SCALE



SPECIAL SIGN NO. 1 DETAIL

LEGEND:

- WORK AREA
- DIRECTION OF TRAFFIC
- TRAFFIC CONTROL SIGN

NOTES:

ADVANCE WARNING SIGNS INDICATING LANE CLOSURE MAY BE OMITTED FOR PHASES AND DIRECTIONS FOR WHICH NO LANE CLOSURES ARE NECESSARY.

THE "ROAD WORK AHEAD" SIGN MAY BE REPLACED WITH OTHER APPROPRIATE SIGNS SUCH AS " SHOULDER WORK" IF CONDITONS DICTATE.

INSTANCES WHERE SIGHT DISTANCES MAY BE RESTRICTED DUE TO A CREST VERTICAL CURVE HORIZONTAL CURVE OR OTHER FACTORS, THE SIGNS AND CHANNELIZING DEVICES ARE TO BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.

LEAVE OPENING FOR ALL DRIVEWAYS AND CROSS STREETS; ADDITIONAL SIGNS AND/OR DEVICES MAY BE NECCESARY.

REFER TO CURRENT ODOT STANDARDS AND MUTCD (CURRENT EDITION) FOR ADDITIONAL INFORMATION.

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN/ ADVANCE WARNING DETAILS
APPROVED		
SQUAD		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T001

7/8/2024

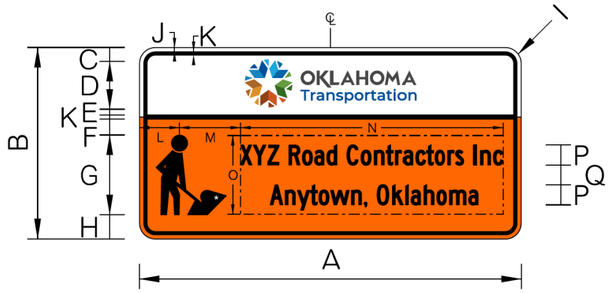
OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

CS-CONTRACTOR 1

CONTRACTOR SIGN

OKLAHOMA LOGO IS CENTERED VERTICALLY ON PANEL
OKLAHOMA LOGO SIZE PROPORTIONAL BASED ON DIAMETER OF CIRCLE
CONTRACTOR NAME AND LOCATION ARE TEXT ONLY, NO LOGOS OR SYMBOLS
TEXT IS TO BE CENTERED WITHIN THE DASHED AREA
FONT SIZE AND SPACING MUST BE AT LEAST THE MINIMUM LISTED



*SEE PAGE 6-59 OF THE 2004 STANDARD HIGHWAY SIGNS MANUAL FOR SYMBOL DESIGN

ALL DIMENSIONS IN INCHES

A	B	C	D	E	F	G	H	I	J	K
48	24	1.75	6	0.75	2	10	3	1.5	0.5	0.5
72	36	2.63	9	1.12	3	15	4.5	1.5	.75	.75
96	48	2.63	12	1.5	4	20	6	1.5	1	1

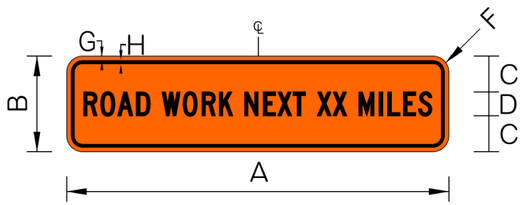
L	M	N	O	P MINIMUM	Q MINIMUM
5	7	33	10	2.5C	2.5
7.6	10.5	49.5	15	3.75C	3.75
10.1	14	66	20	5C	5

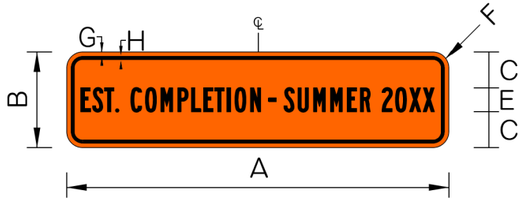
	UPPER SECTION	LOWER SECTION
COLORS: LEGEND, BORDER	- BLACK	BLACK
BACKGROUND	- WHITE (RETROREFLECTIVE)	ORANGE (RETROREFLECTIVE)

CS-CONTRACTOR 2 & 3

CONTRACTOR SUPPLEMENTAL PLAQUES

TEXT LENGTH IS VARIABLE, STRING IS CENTERED VERTICALLY ON PANEL
COMPLETION SIGN TEXT CAN READ EITHER "SPRING", "SUMMER", "FALL", OR "WINTER"
ALTERNATIVELY MONTH NAMES MAY BE USED AND ABBREVIATED IF NECESSARY
ONE OF THE FOLLOWING SIGNS SHOULD BE PLACED BELOW THE CONTRACTOR SIGN





ALL DIMENSIONS IN INCHES

USE GUIDANCE	A	B	C	D	E	F	G	H
LOW SPEED URBAN/TOWN	48	12	4.5	3 C	3 B	1.5	0.5	0.5
CONVENTIONAL TWO LANE HIGHWAY	72	18	6.75	4.5C	4.5B	1.5	0.75	0.75
FREEWAY/ EXPRESSWAY	96	24	9	6 C	6 B	1.5	1	1

COLORS: LEGEND, BORDER - BLACK
BACKGROUND - ORANGE (RETROREFLECTIVE)

OKLAHOMA TRANSPORTATION LOGO

DIMENSIONS ARE ALL APPROXIMATE
COLORS ARE LISTED AS RGB AND PANTONE VALUES



A	B	C	D
6	21.4	1.8	1.3
9	32.1	2.7	2
12	42.8	3.6	2.7

ALL DIMENSIONS IN INCHES



1	2	3	4	5	6	7	8	9	10	11	12
SKY BLUE BRIGHT	SKY BLUE DARK	WOODLAND GREEN BRIGHT	WOODLAND GREEN DARK	CLAY RED BRIGHT	CLAY RED DARK	PRAIRIE GOLD BRIGHT	PRAIRIE GOLD DARK	WATER BLUE BRIGHT	WATER BLUE DARK	SLATE GRAY BRIGHT	SLATE GRAY DARK
R26 G166 B223 #1CA6DF	R0 G102 B166 #0066A6	R102 G155 B65 #669B41	R50 G104 B32 #326820	R209 G84 B32 #D15420	R145 G66 B21 #914115	R222 G144 B39 #DE9027	R169 G103 B45 #A96728	R24 G123 B192 #187BC0	R0 G78 B154 #004E9A	R129 G120 B120 #787878	R70 G70 B70 #464646
2171	2384	7490	2280	7580	7587	131	132	660	7686	COOL GRAY 8	COOL GRAY 10

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			CONTRACTOR SIGNS
APPROVED			
SQUAD	XXXXX		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T002

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

SUGGESTED SEQUENCE OF CONSTRUCTION

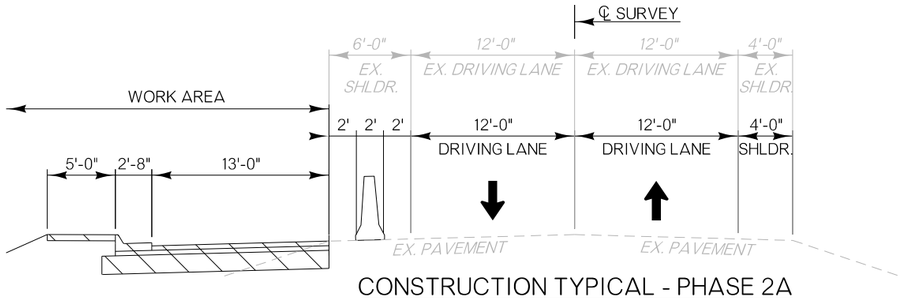
PHASE 1: USING TWO-WAY OPERATIONS, MAINTAIN EXISTING TRAFFIC PATTERNS. EXTEND ALL CROSS-DRAIN STRUCTURES AND HEADWALLS.

PHASE 2: USING TWO-WAY OPERATIONS, MAINTAIN EXISTING TRAFFIC PATTERNS.
- A: IN OVERLAY SECTIONS, CONSTRUCT PROPOSED PAVEMENT IMPROVEMENTS ALONG WEST SIDE OF SHOULDER, EXCLUDING THE LAST LIFT.
- B: IN FULL-DEPTH REPLACEMENT SECTIONS, CONSTRUCT 14 FT OF TEMP. PAVEMENT ALONG WEST SHOULDER.

PHASE 3: USING TWO-WAY OPERATIONS, SHIFT TRAFFIC TO THE WEST SIDE OF PAVEMENT. CONSTRUCT TEMPORARY PAVEMENT ON EAST SIDE OF ROADWAY AT BEGINNING AND END OF PROJECT EXTENTS. CONSTRUCT PROPOSED PAVEMENT IMPROVEMENTS ALONG EAST SIDE, EXCLUDING THE LAST LIFT.
- A: IN OVERLAY SECTIONS, CONSTRUCT PROPOSED PAVEMENT IMPROVEMENTS ALONG EAST SIDE OF CL US-259, EXCLUDING THE LAST LIFT.
- B: IN FULL-DEPTH REPLACEMENT SECTIONS, CONSTRUCT 14 FT OF PROPOSED PAVEMENT IMPROVEMENTS ALONG EAST SIDE OF CL US-259, EXCLUDING LAST LIFT.

OVERLAY SECTION EXTENTS

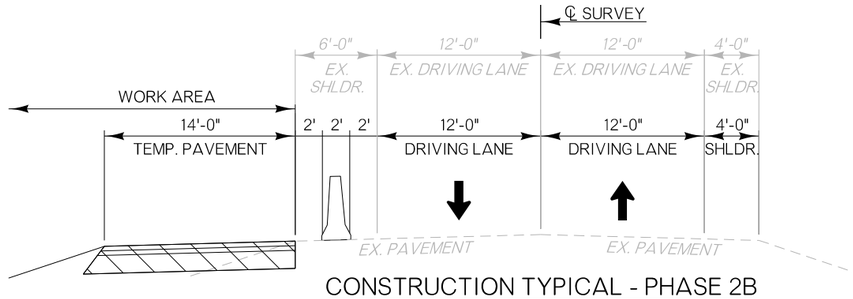
STA. 319+25.00 TO STA. 346+00.00
STA. 352+00.00 TO STA. 359+00.00
STA. 380+50.00 TO STA. 405+75.00
STA. 415+00.00 TO STA. 446+00.00



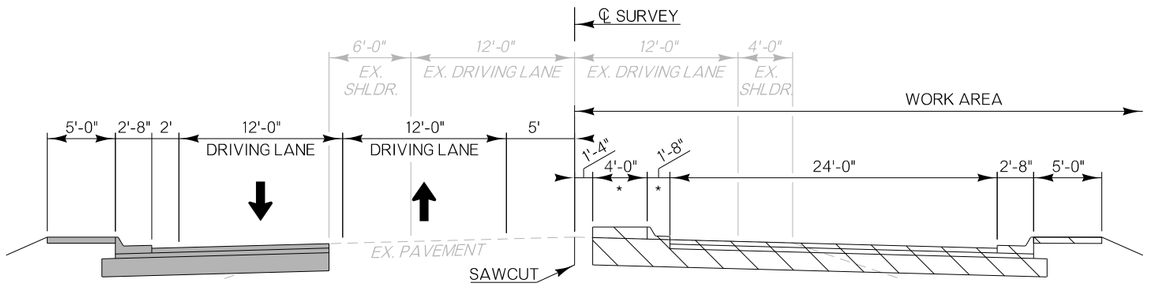
CONSTRUCTION TYPICAL - PHASE 2A

FULL-DEPTH REPLACMENT SECTION EXTENTS

STA. 346+00.00 TO STA. 352+00.00
STA. 359+00.00 TO STA. 380+50.00
STA. 405+75.00 TO STA. 415+00.00

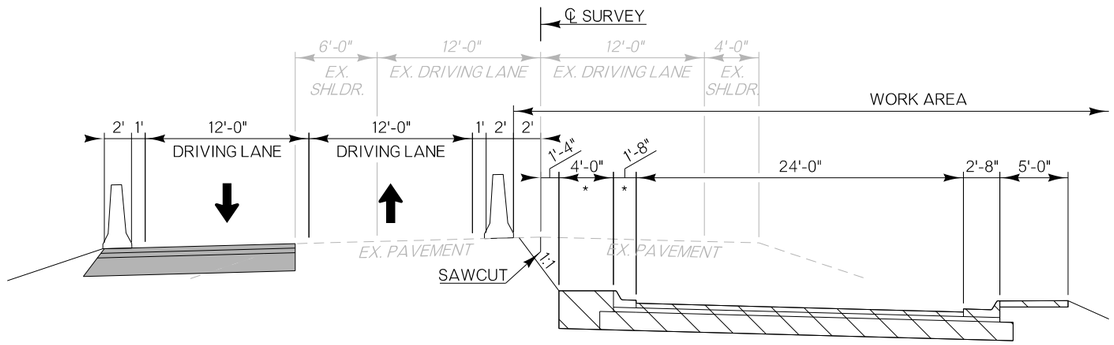


CONSTRUCTION TYPICAL - PHASE 2B



CONSTRUCTION TYPICAL - PHASE 3A

*CURBED MEDIANS TO BE PLACED AS SHOWN ON THE PLAN SHEETS



CONSTRUCTION TYPICAL - PHASE 3B

*CURBED MEDIANS TO BE PLACED AS SHOWN ON THE PLAN SHEETS

LEGEND

PHASE WORK AREA

PREVIOUSLY CONSTRUCTED

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			TRAFFIC CONTROL TYPICALS
APPROVED			
SQUAD			

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T003

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB-PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

SUGGESTED SEQUENCE OF CONSTRUCTION

PHASE 4: USING TWO-WAY OPERATIONS, SHIFT TRAFFIC TO THE EAST SIDE OF PAVEMENT.
- A: IN OVERLAY SECTIONS, CONSTRUCT REMAINING PROPOSED PAVEMENT IMPROVEMENTS ALONG WEST SIDE OF PAVEMENT, INCLUDING FINAL LIFT.
- B: IN FULL-DEPTH REPLACEMENT SECTIONS, REMOVE TEMPORARY PAVEMENT AND CONSTRUCT PROPOSED PAVEMENT IMPROVEMENTS ALONG WEST SIDE OF PAVEMENT, INCLUDING FINAL LIFT.

PHASE 5: USING TWO-WAY OPERATIONS, CONSTRUCT FINAL LIFT ON EAST SIDE OF PAVEMENT.
- A: UTILIZING ONE NORTHBOUND LANE, SHIFT NORTHBOUND TRAFFIC TO THE INSIDE LANE. CONSTRUCT FINAL LIFT ALONG THE OUTSIDE, NORTHBOUND LANE. REMOVE TEMPORARY PAVEMENT ON THE EAST SIDE AT THE BEGINNING AND END OF PROJECT EXTENTS.
- B: UTILIZING ONE NORTHBOUND LANE, SHIFT NORTHBOUND TRAFFIC TO THE OUTSIDE LANE. CONSTRUCT FINAL LIFT ALONG THE INSIDE, NORTHBOUND LANE.

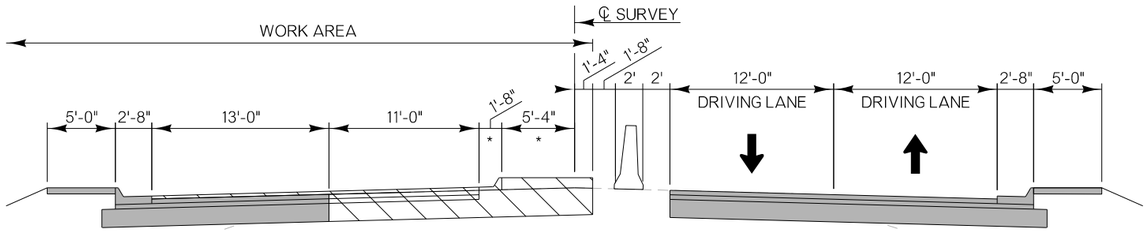
PHASE 6: INSTALL FINAL STRIPING AND SIGNAGE THROUGHOUT PROJECT AND NORMALIZE TRAFFIC OPERATIONS.

OVERLAY SECTION EXTENTS

STA. 319+25.00 TO STA. 346+00.00
STA. 352+00.00 TO STA. 359+00.00
STA. 380+50.00 TO STA. 405+75.00
STA. 415+00.00 TO STA. 446+00.00

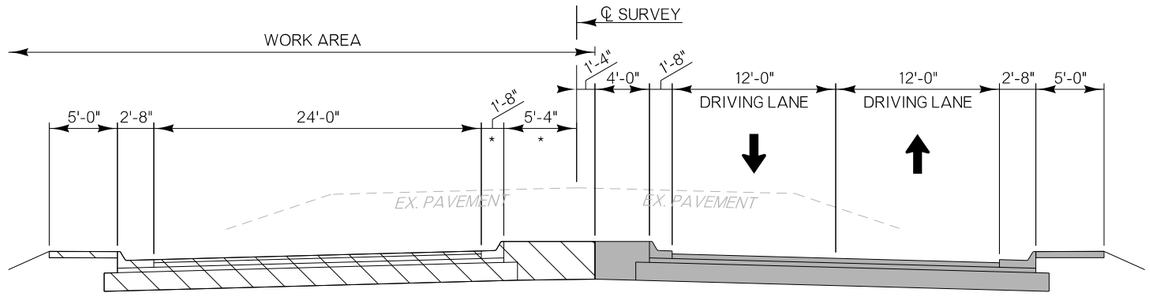
FULL-DEPTH REPLACMENT SECTION EXTENTS

STA. 346+00.00 TO STA. 352+00.00
STA. 359+00.00 TO STA. 380+50.00
STA. 405+75.00 TO STA. 415+00.00



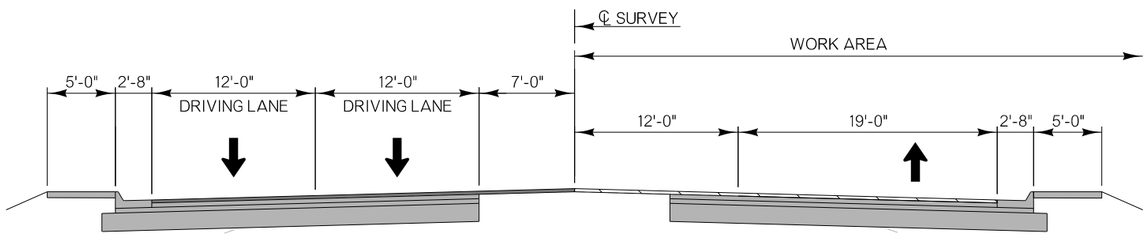
CONSTRUCTION TYPICAL - PHASE 4A

*CURBED MEDIANS TO BE PLACED AS SHOWN ON THE PLAN SHEETS

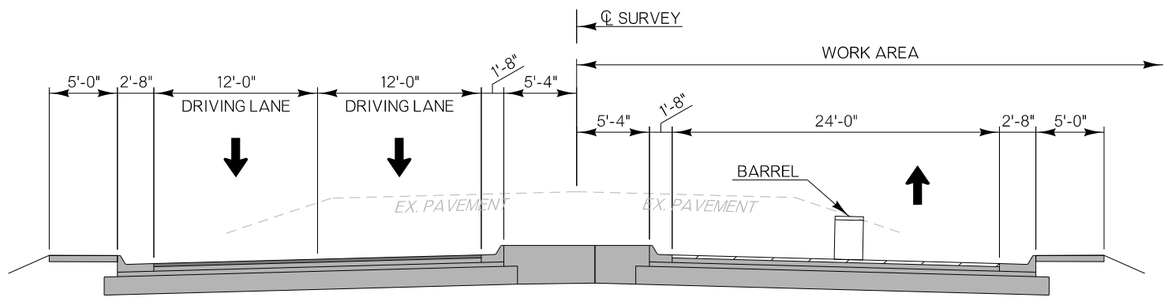


CONSTRUCTION TYPICAL - PHASE 4B

*CURBED MEDIANS TO BE PLACED AS SHOWN ON THE PLAN SHEETS



CONSTRUCTION TYPICAL - PHASE 5A



CONSTRUCTION TYPICAL - PHASE 5B

LEGEND

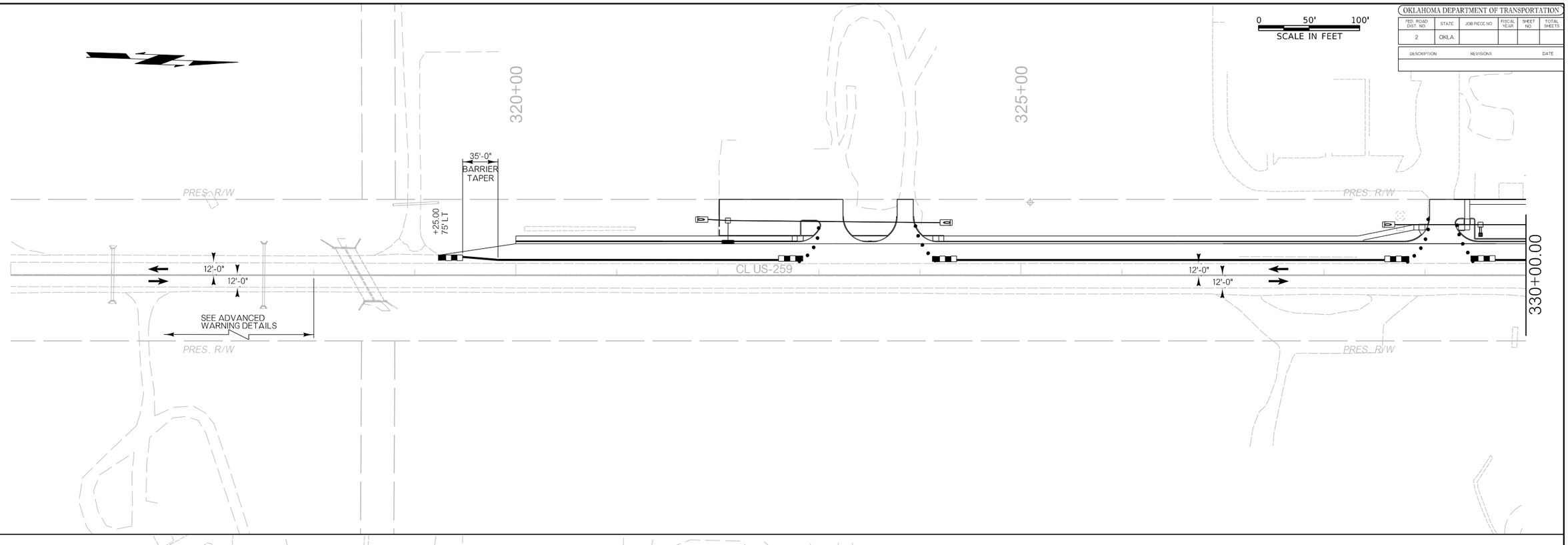
PHASE WORK AREA

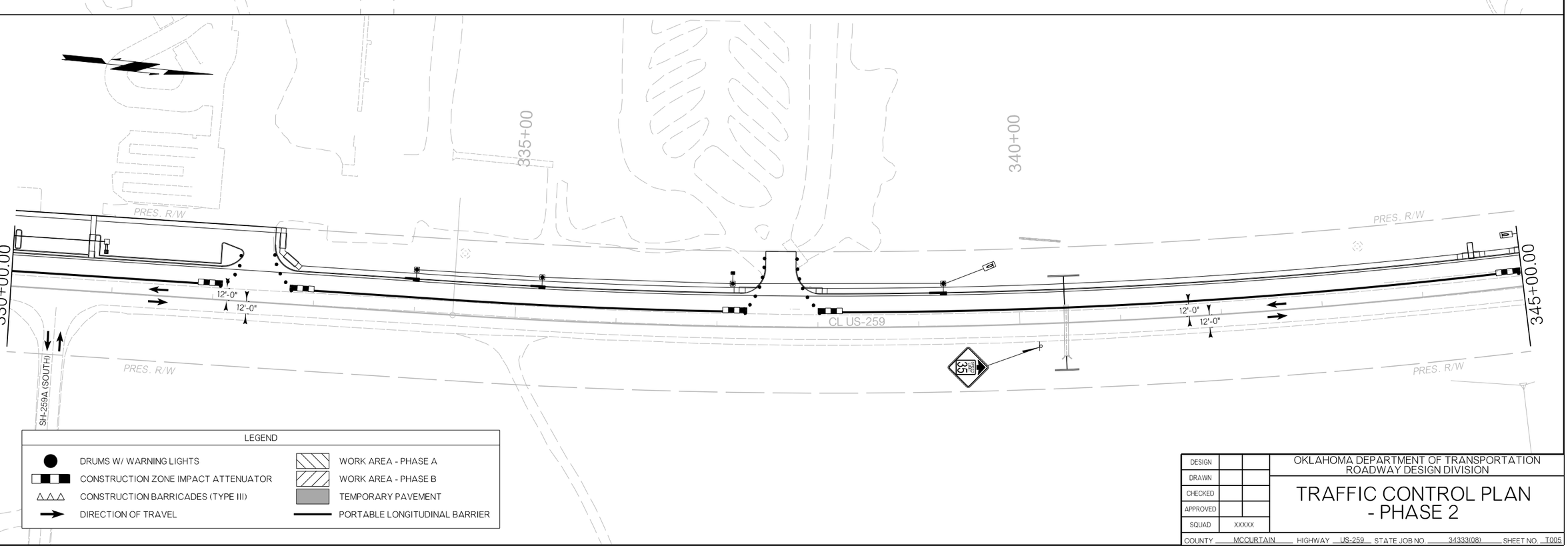
PREVIOUSLY CONSTRUCTED

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL TYPICALS
APPROVED		
SQUAD		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T004

7/8/2024





OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

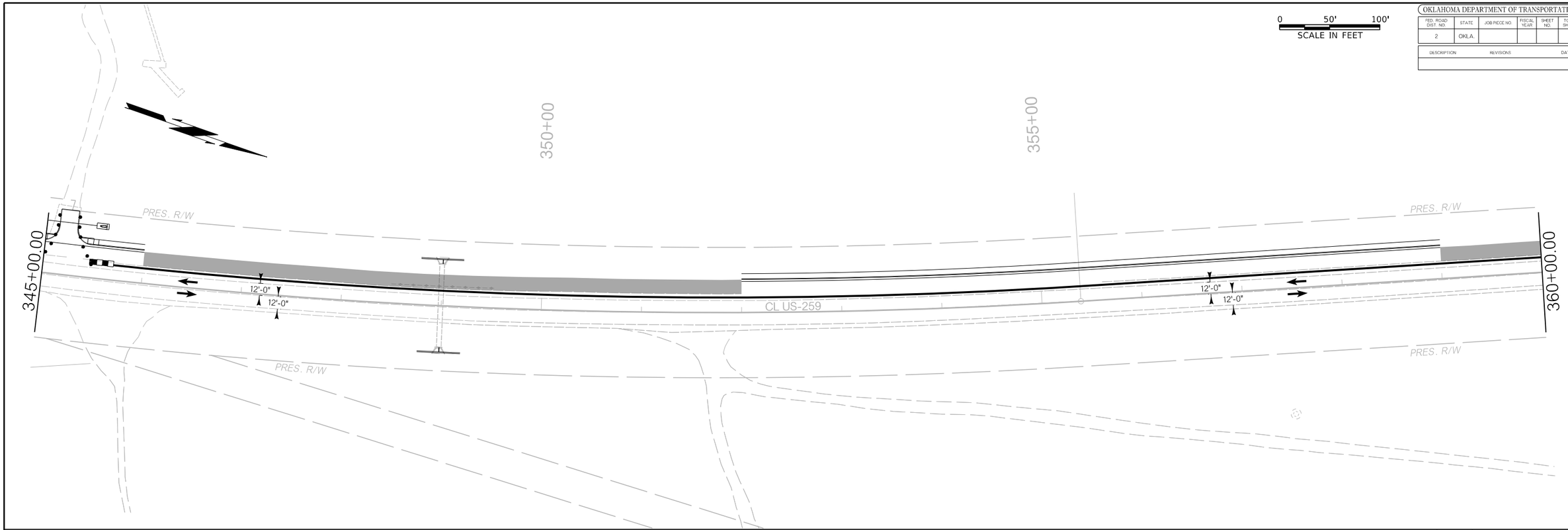
LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 2
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T005

7/8/2024



OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

7/8/2024

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 2
APPROVED		
SQUAD	XXXXX	

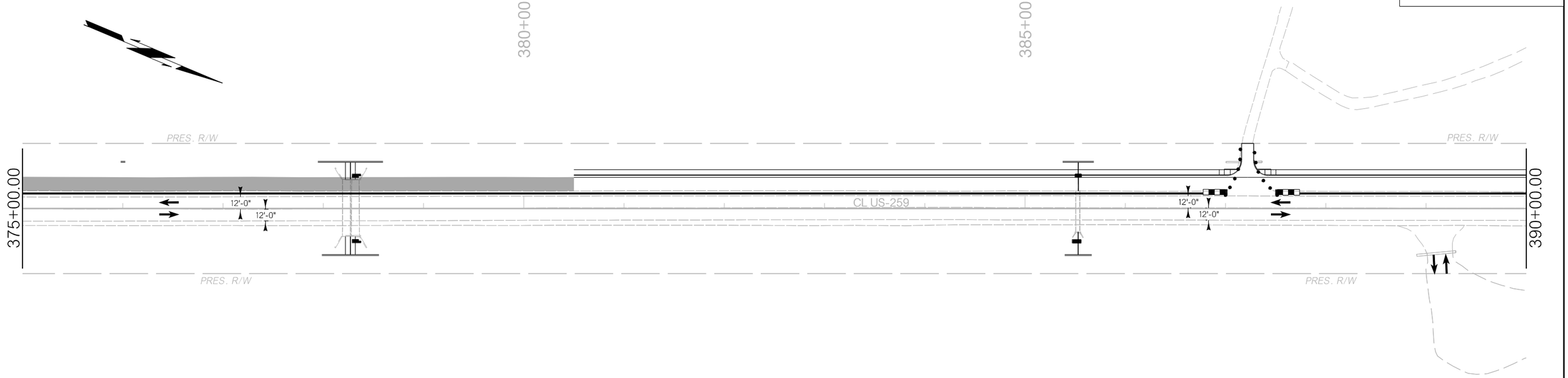
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T006

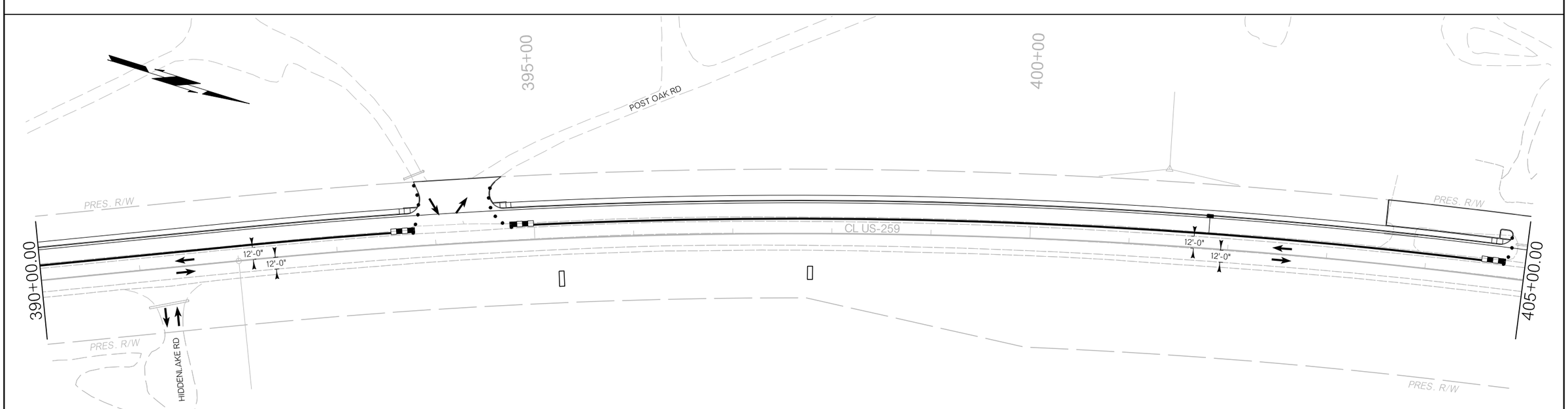
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET





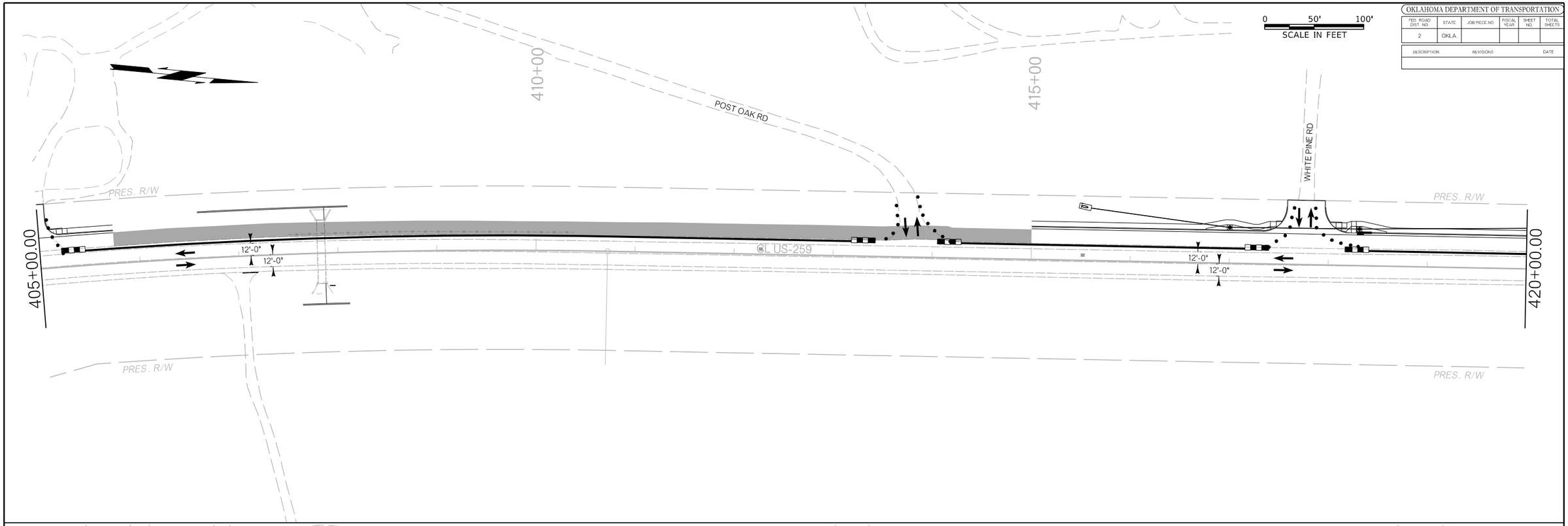
LEGEND

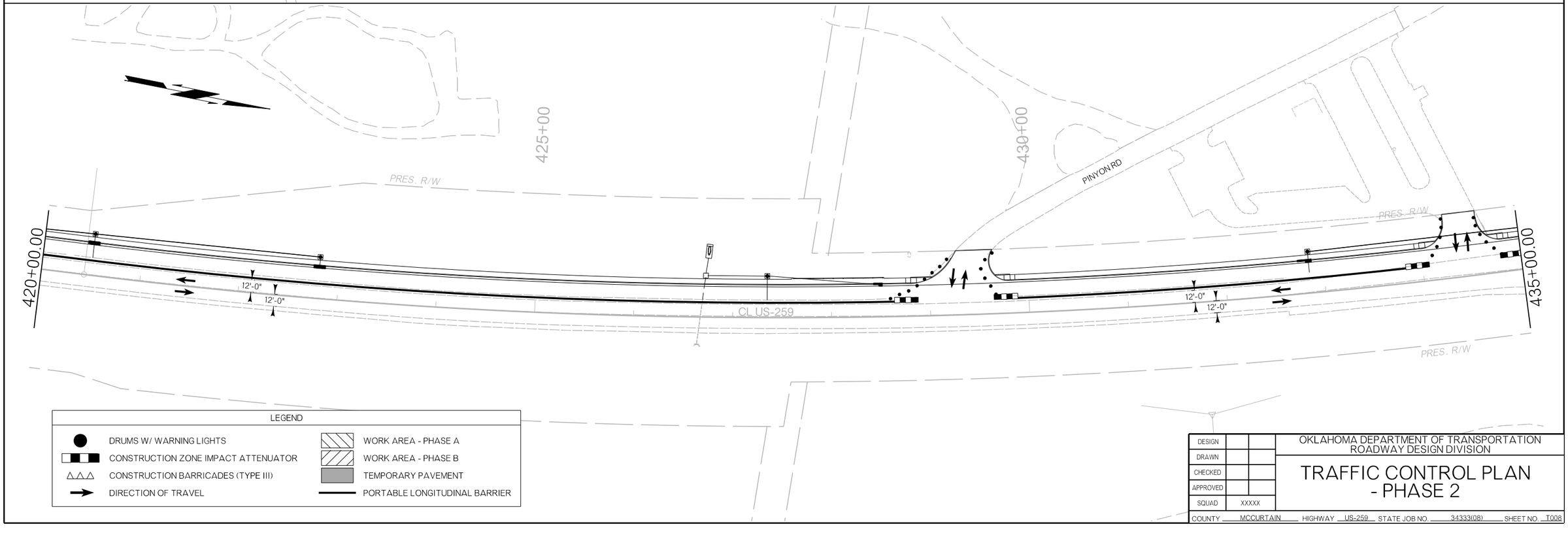
DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

7/8/2024

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 2
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T007





OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

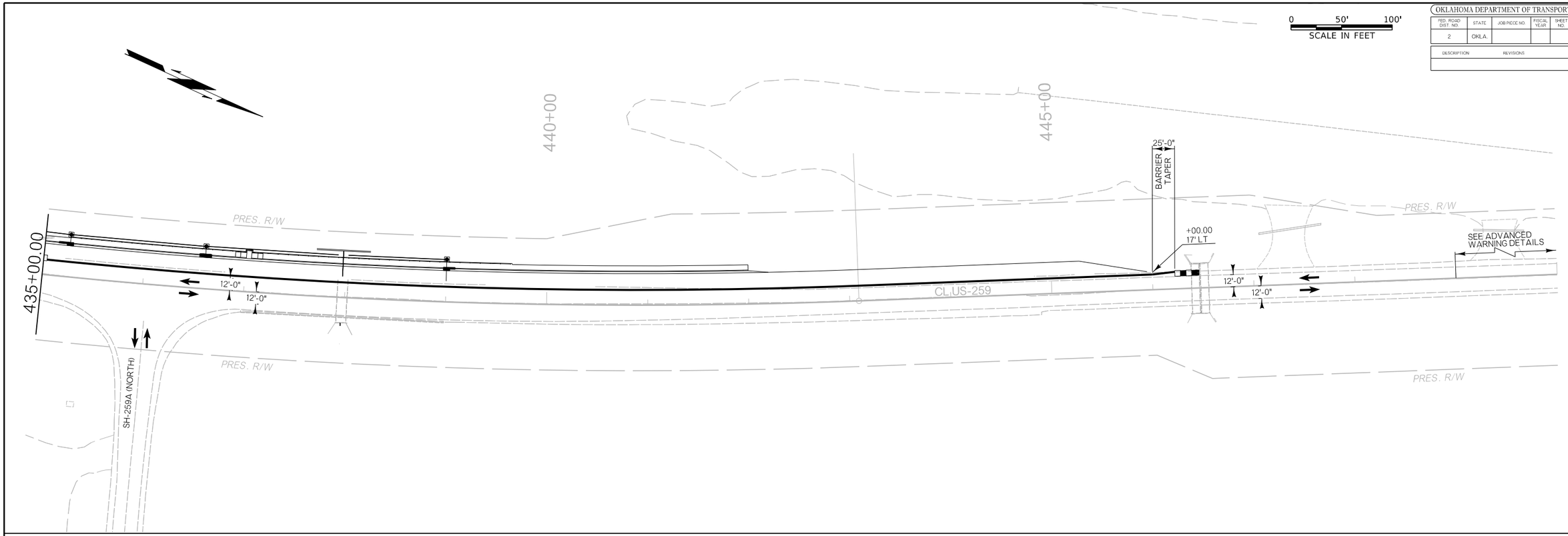
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 2
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T008

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE



LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

7/8/2024

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 2
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T009

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

320+00
325+00
330+00.00
W1-4
175'-0" SHIFTING TAPER
100'-0"
SIDEWALK CLOSED
R9-9
+25.00 20' LT
+00.90 36' LT
4" DOUBLE CONSTR. TRAFFIC STRIPE (PAINT) (YELLOW)
4" CONSTR. TRAFFIC STRIPE (PAINT) (WHITE)
PRES. R/W
TIE TO EXISTING STRIPING
12'-0"
12'-0"
℄ US-259
12'-0"
12'-0"
+50.00 19' RT
SEE ADVANCED WARNING DETAILS
125'-0"
200'-0" BARRIER TAPER
25'-0" BUFFER
W1-4
ROAD CLOSED
TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2
DRUMS @ 10 C/C INTERSECTION
ROAD CLOSED
TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2

335+00
340+00
345+00.00
330+00.00
4" DOUBLE CONSTR. TRAFFIC STRIPE (PAINT) (YELLOW)
4" CONSTR. TRAFFIC STRIPE (PAINT) (WHITE)
PRES. R/W
12'-0"
12'-0"
℄ US-259
12'-0"
12'-0"
SH-259A (SOUTH)
DRUMS @ 10 C/C INTERSECTION
ROAD CLOSED
TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2
ROAD CLOSED
TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2

LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	XXXXX	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

TRAFFIC CONTROL PLAN - PHASE 3

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T010

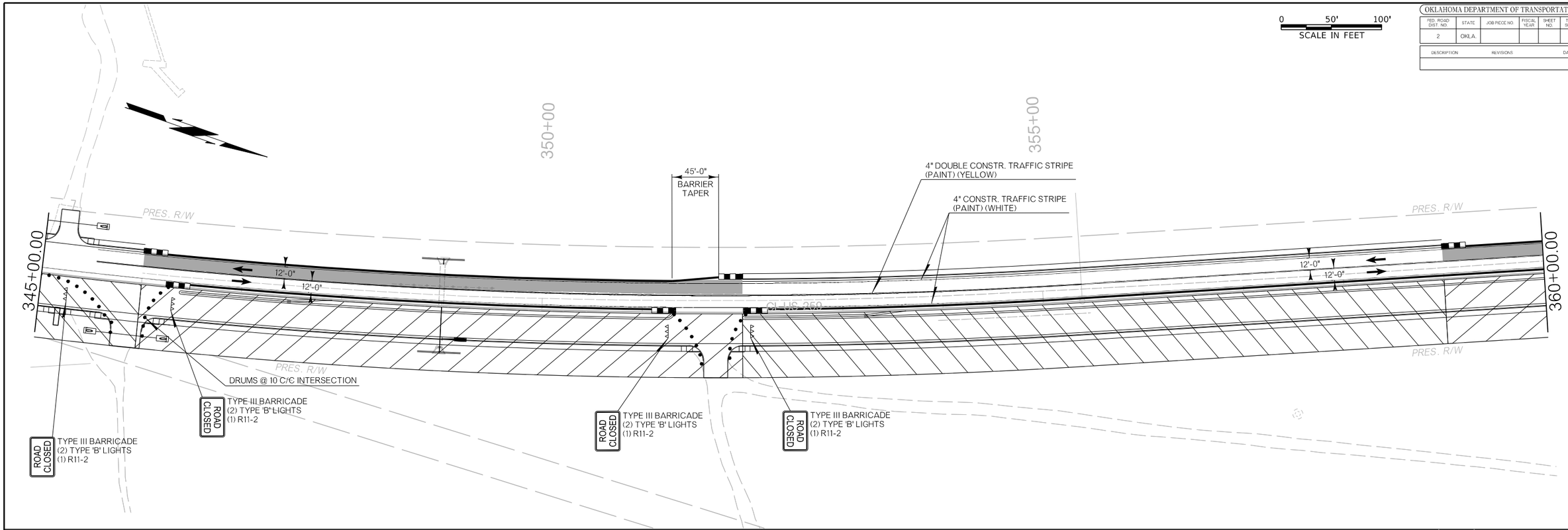
7/8/2024

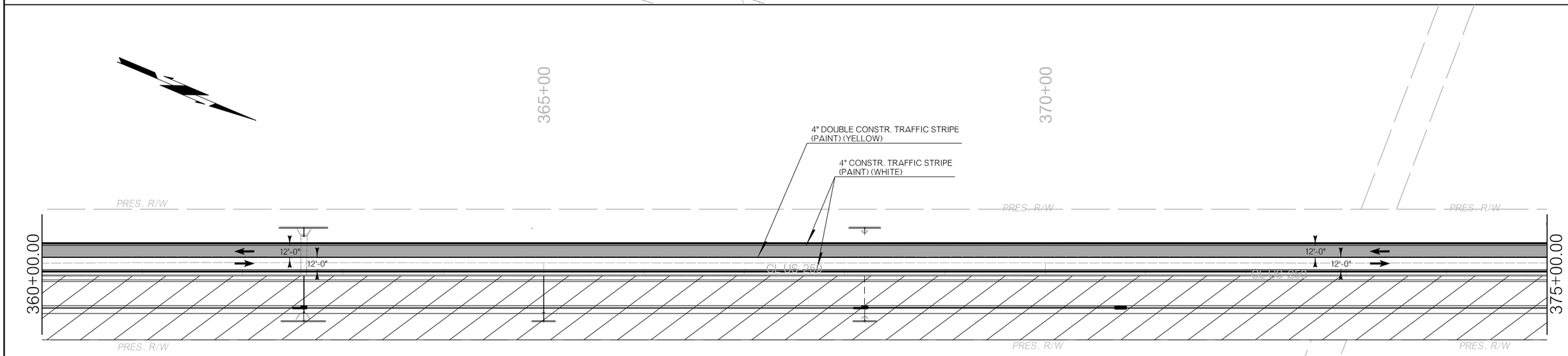
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET





LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 3
APPROVED		
SQUAD	XXXXX	

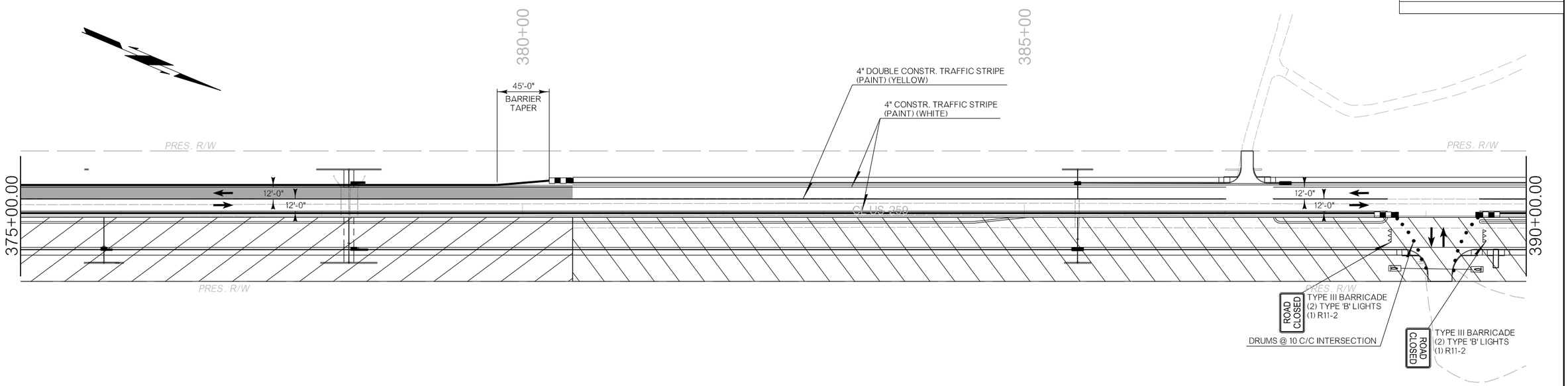
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T011

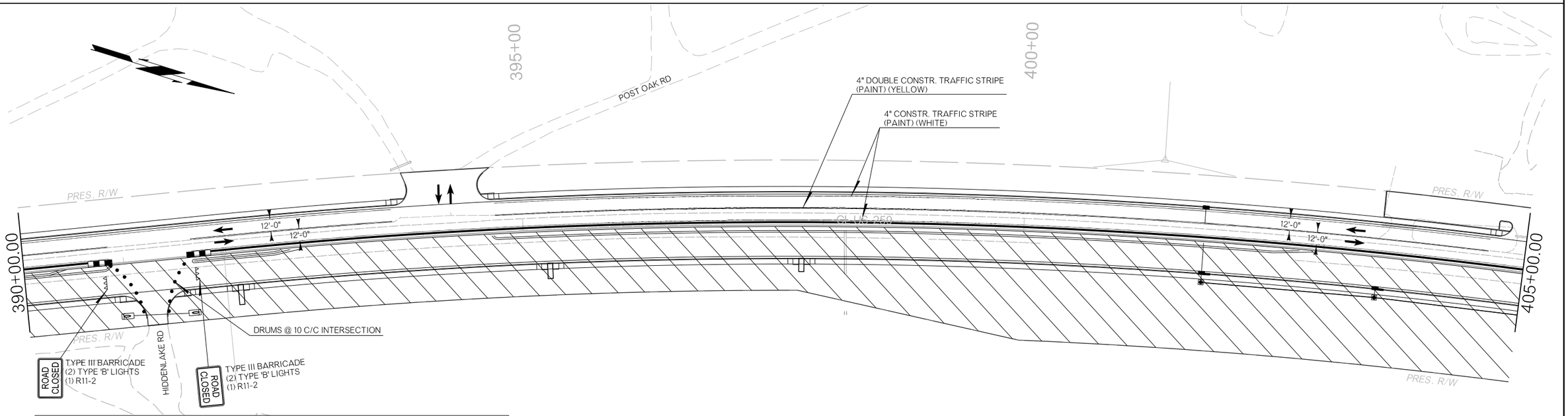
7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET





LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 3
APPROVED		
SQUAD	XXXXX	

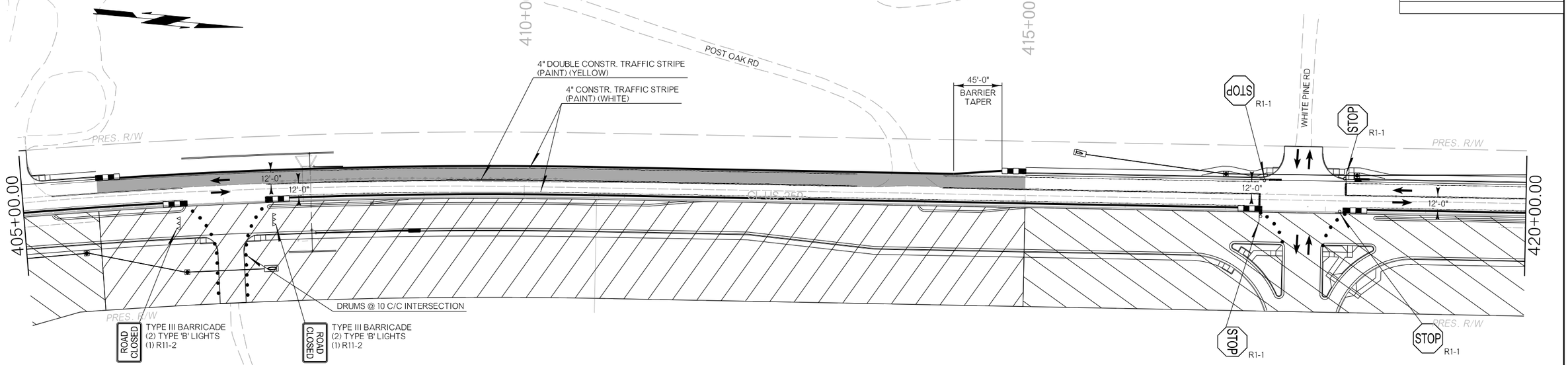
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T012

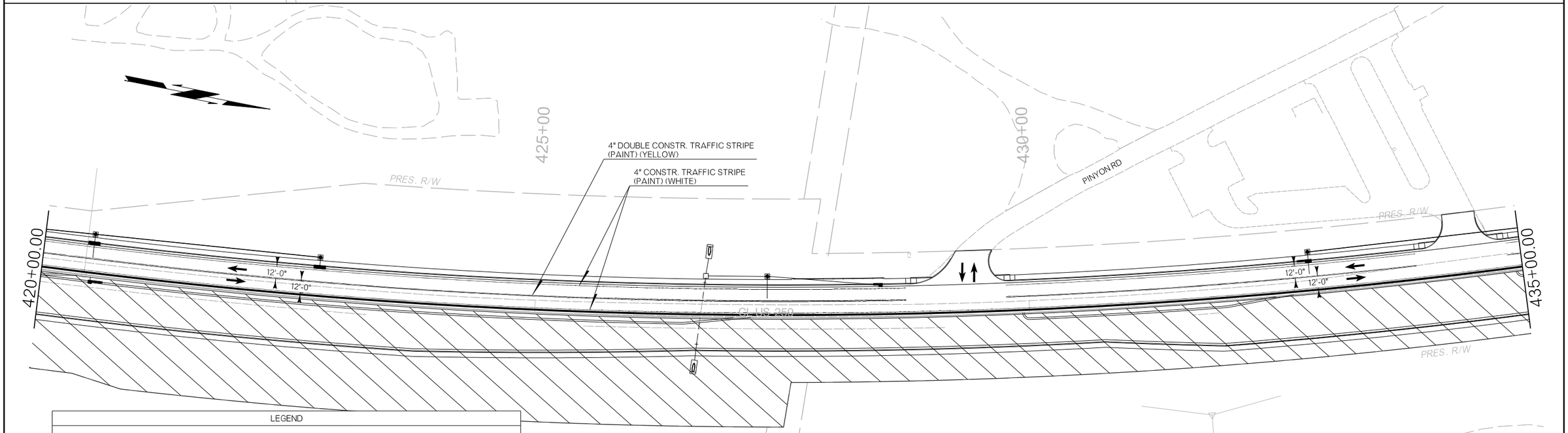
7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET





LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

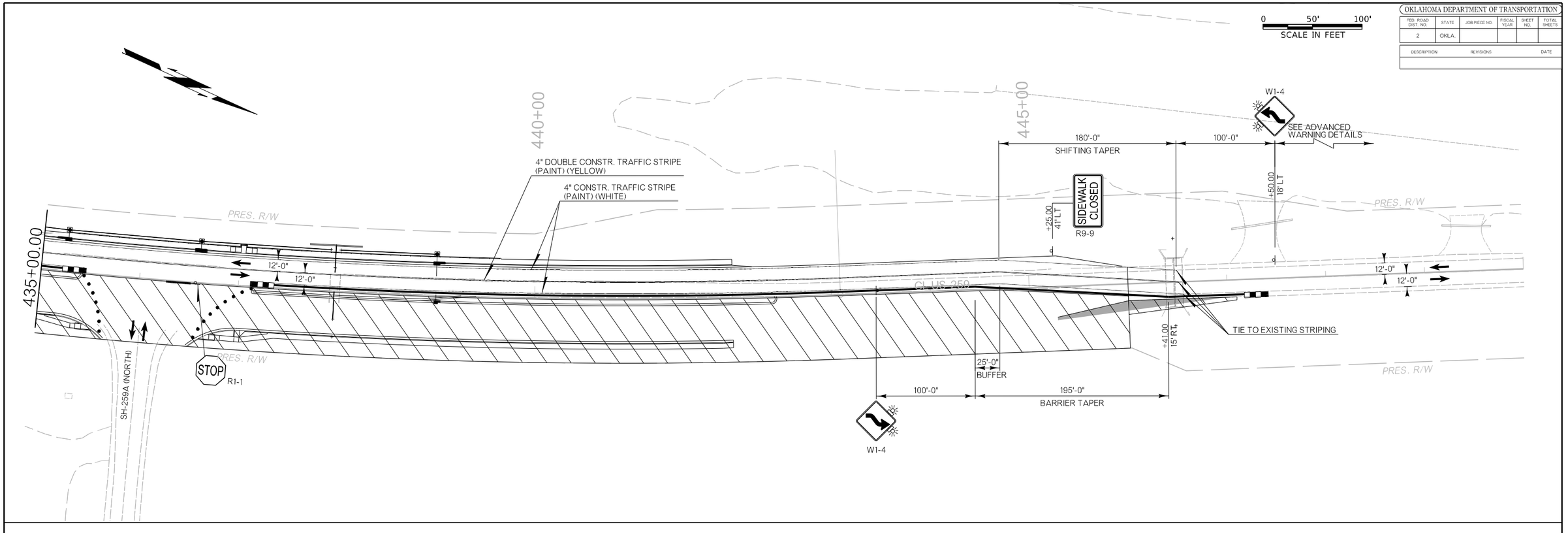
DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 3
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T013

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE



LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

7/8/2024

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 3
APPROVED		
SQUAD	XXXXX	

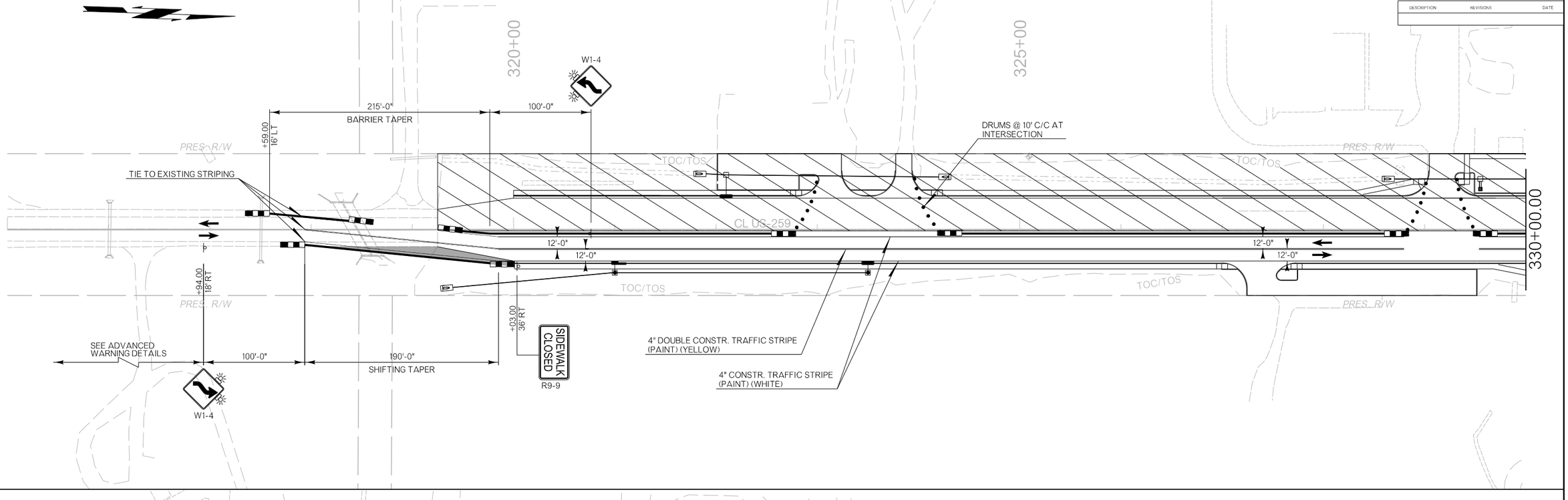
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T014

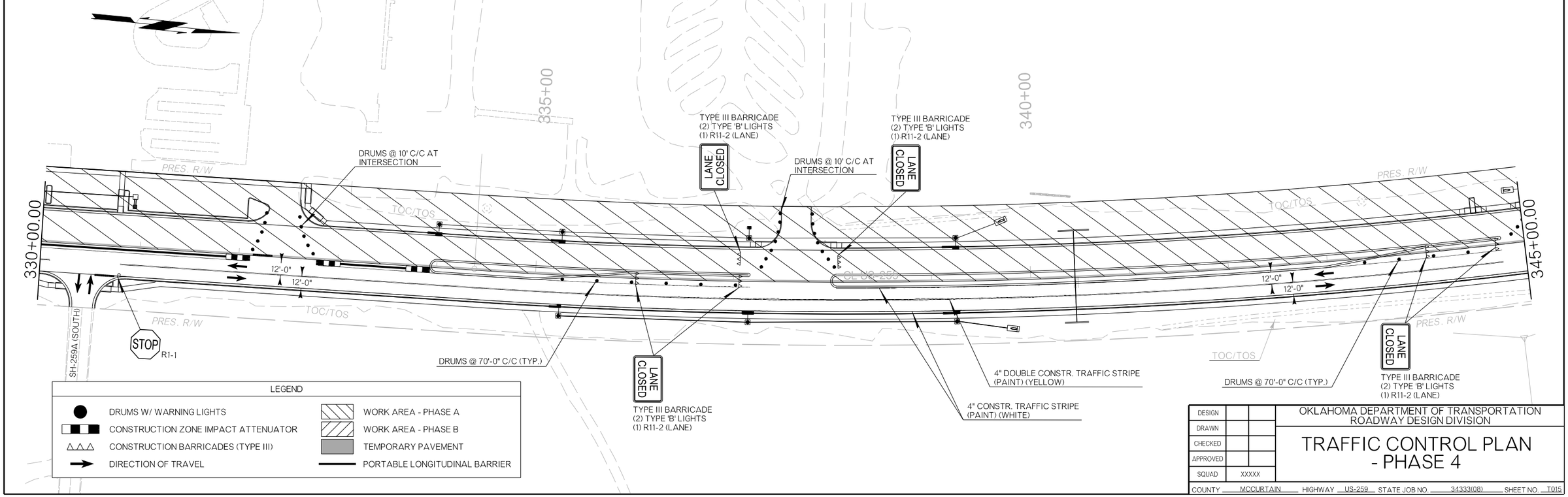
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET





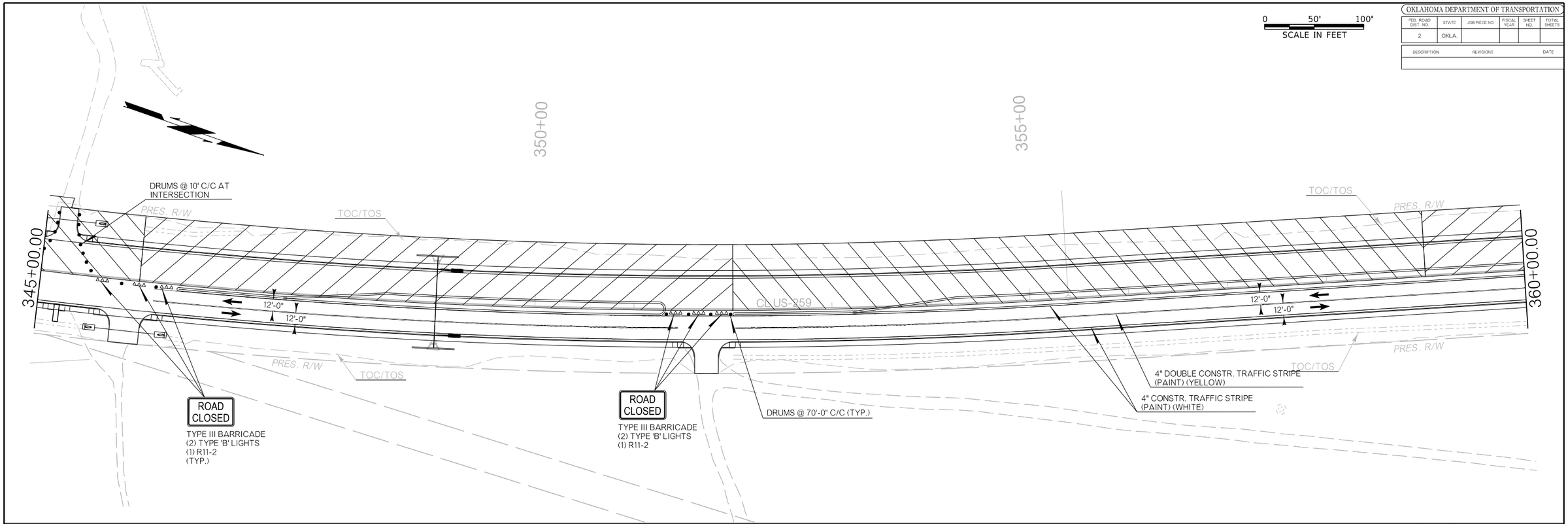
LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 4
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T015

7/8/2024



OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 4
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T016

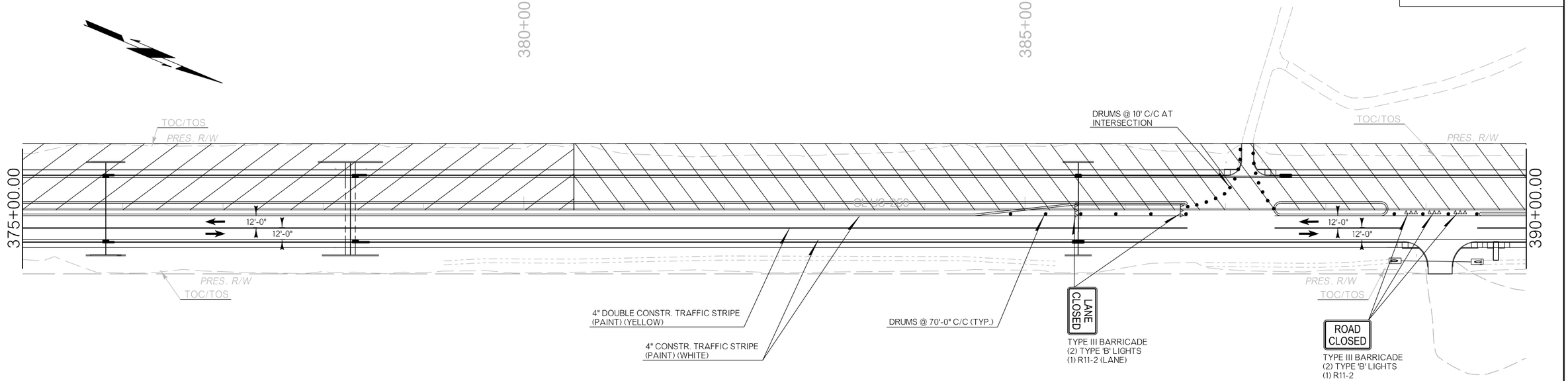
7/8/2024

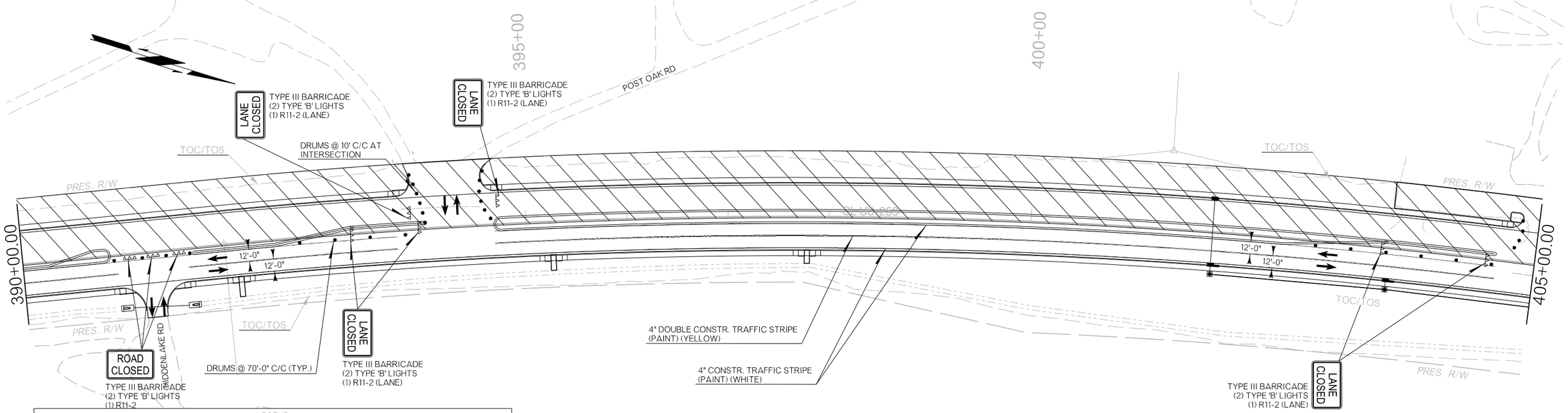
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET





LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 4
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T01Z

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

405+00.00

410+00

POST OAK RD

415+00

420+00.00

WHITE PINE RD

DRUMS @ 10' C/C AT INTERSECTION

TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2 (LANE)

LANE CLOSED

TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2 (LANE)

LANE CLOSED

TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2 (LANE)

LANE CLOSED

DRUMS @ 10' C/C AT INTERSECTION

STOP R1-1

ROAD CLOSED

TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2
(TYP.)

ROAD CLOSED

TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2
(TYP.)

DRUMS @ 10' C/C AT INTERSECTION

PRES. R/W

TOC/TOS

12'-0"

12'-0"

ROAD CLOSED

TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2

4" DOUBLE CONSTR. TRAFFIC STRIPE (PAINT) (YELLOW)

4" CONSTR. TRAFFIC STRIPE (PAINT) (WHITE)

DRUMS @ 70'-0" C/C (TYP.)

LANE CLOSED

TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2 (LANE)

420+00.00

425+00

430+00

435+00.00

PINYON RD

LANE CLOSED

TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2 (LANE)

LANE CLOSED

TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2 (LANE)

LANE CLOSED

TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2 (LANE)

DRUMS @ 10' C/C AT INTERSECTION

LANE CLOSED

TYPE III BARRICADE
(2) TYPE 'B' LIGHTS
(1) R11-2 (LANE)

LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 4
APPROVED		
SQUAD	XXXXX	

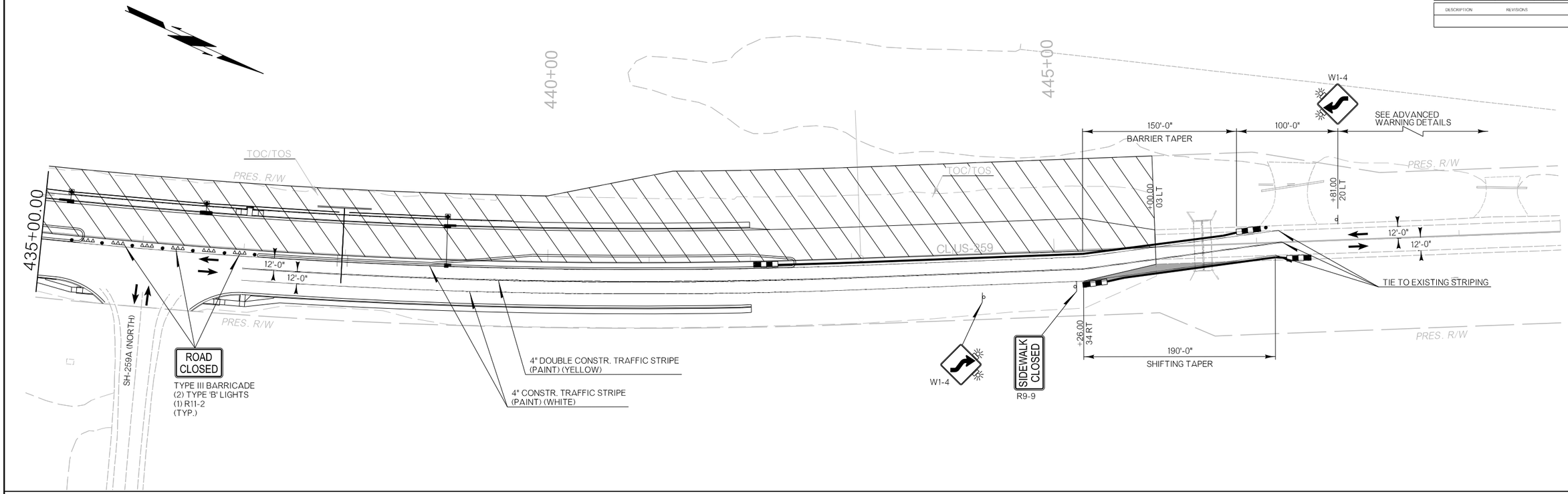
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T018

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET



LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

7/8/2024

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 4
APPROVED		
SQUAD	XXXXX	

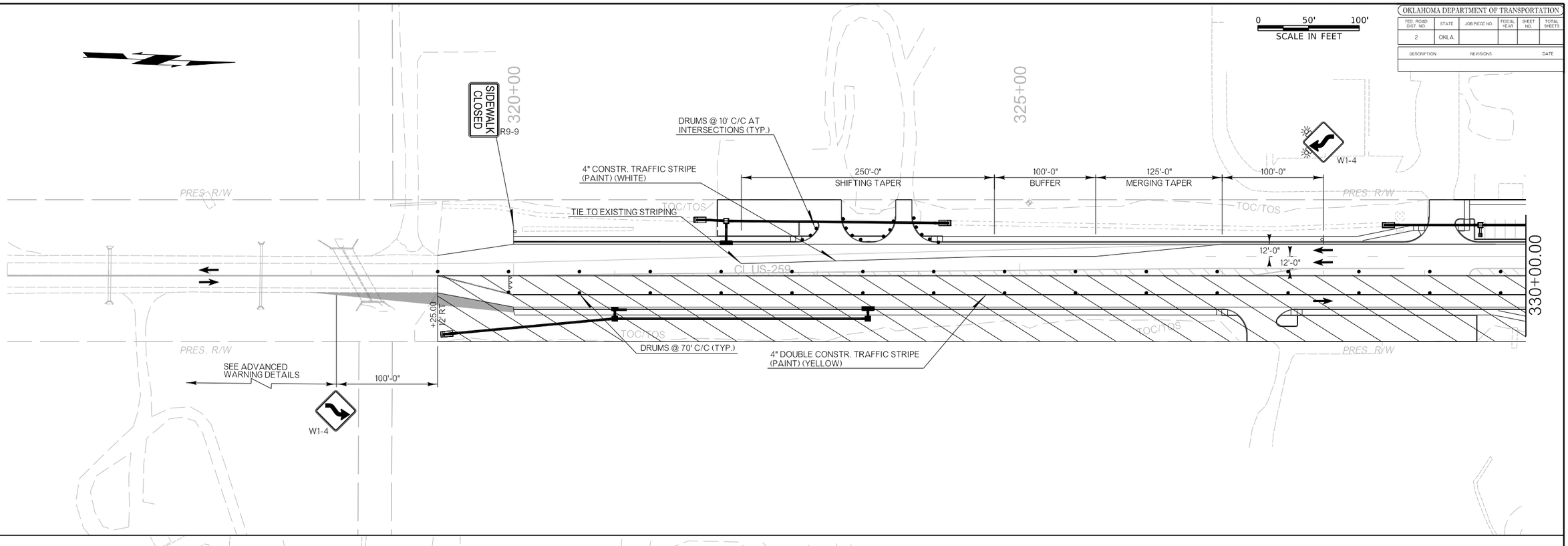
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T019

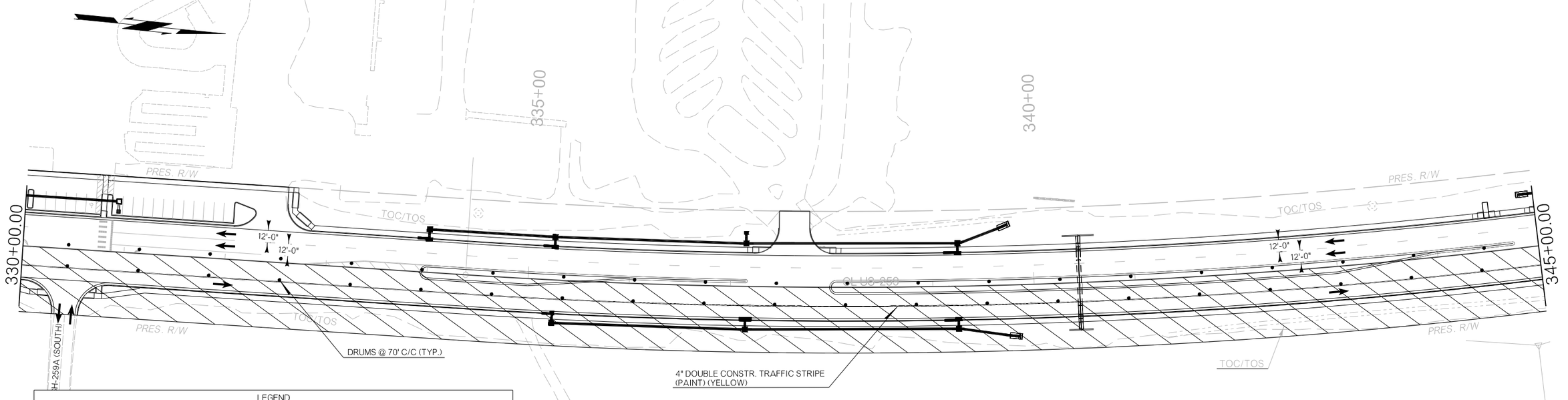
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET





LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 5
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T020

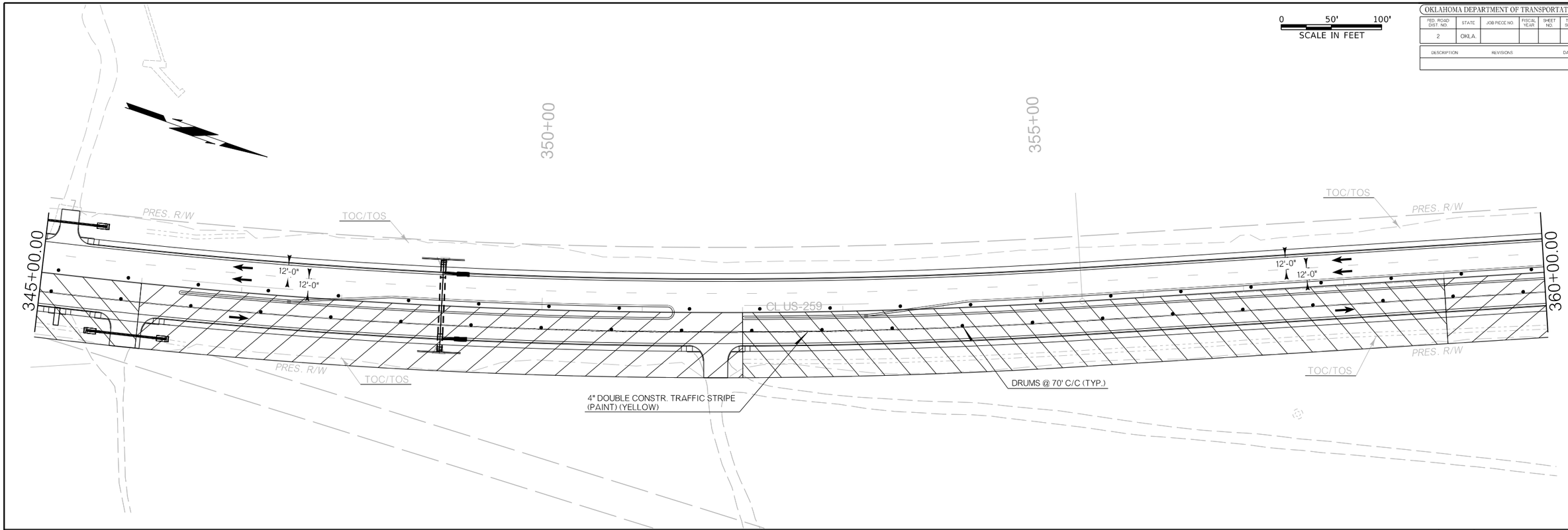
7/8/2024

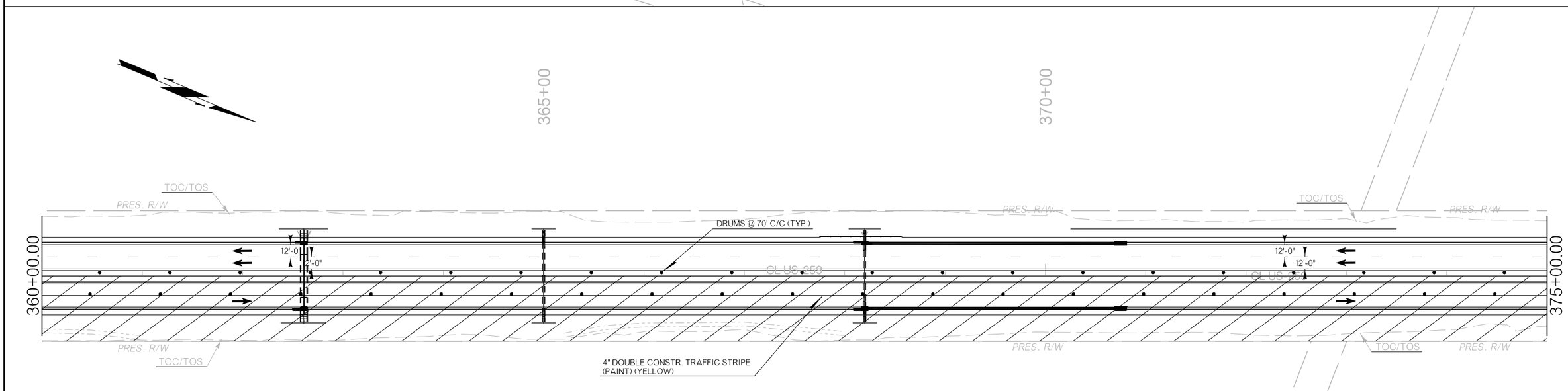
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET





LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 5
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T021

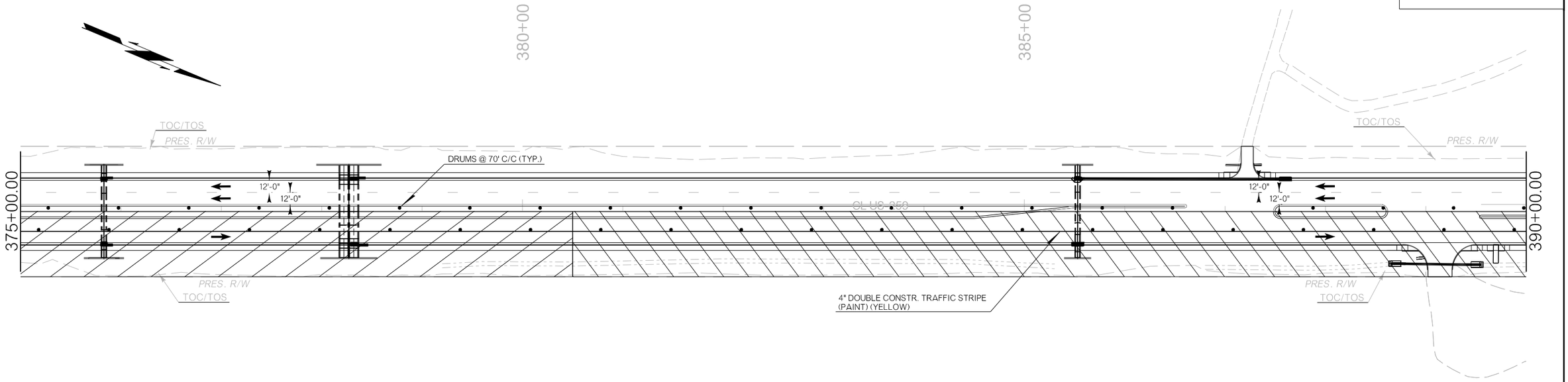
7/8/2024

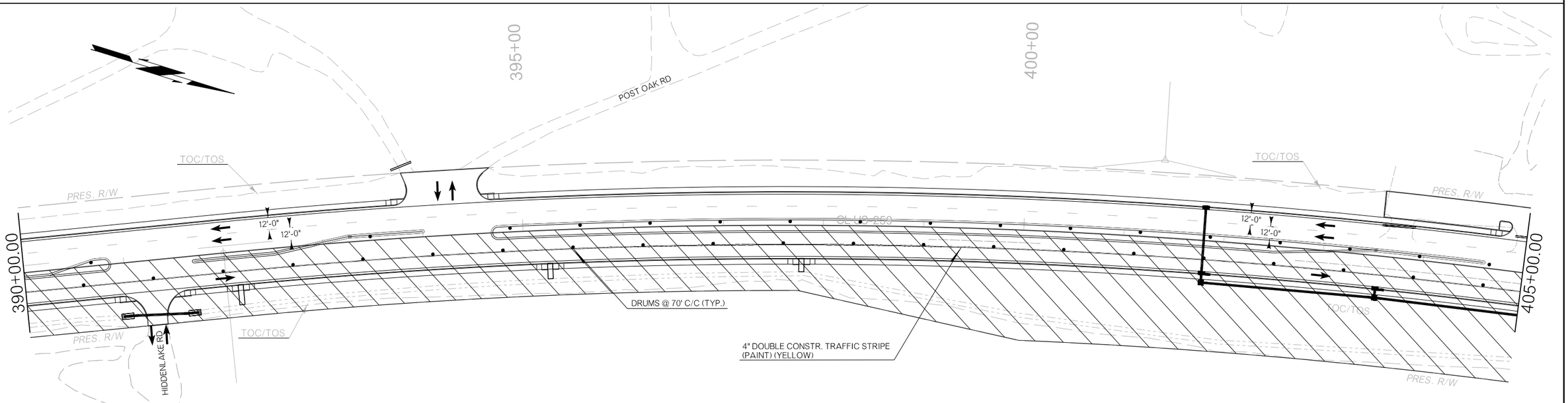
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET





LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 5
APPROVED		
SQUAD	XXXXX	

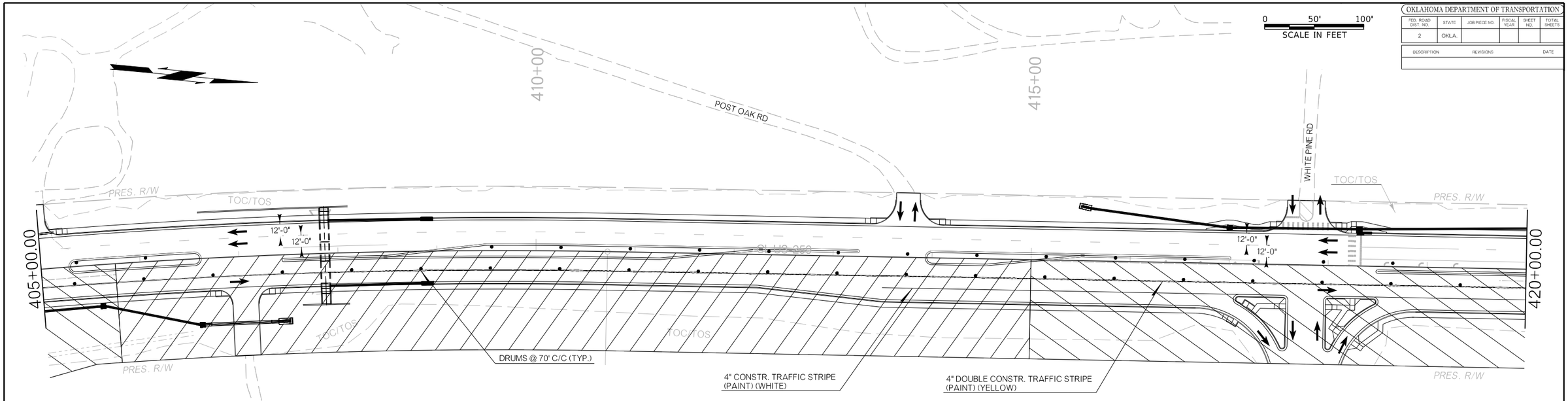
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T022

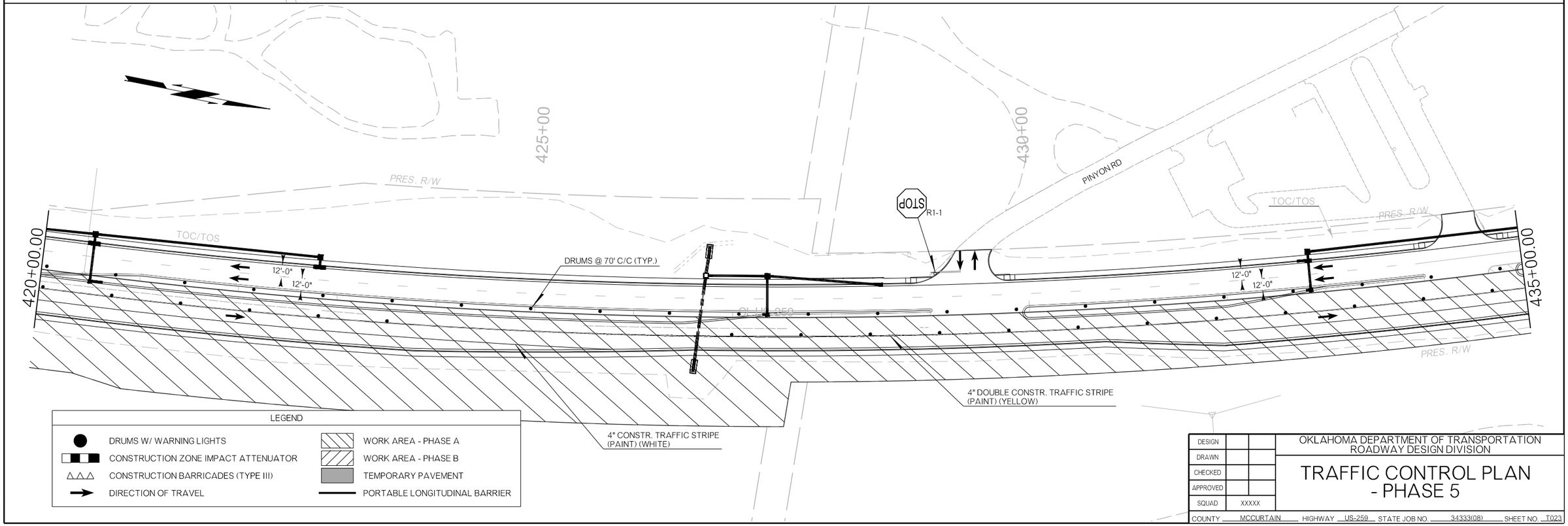
7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE





LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 5
APPROVED		
SQUAD	XXXXX	

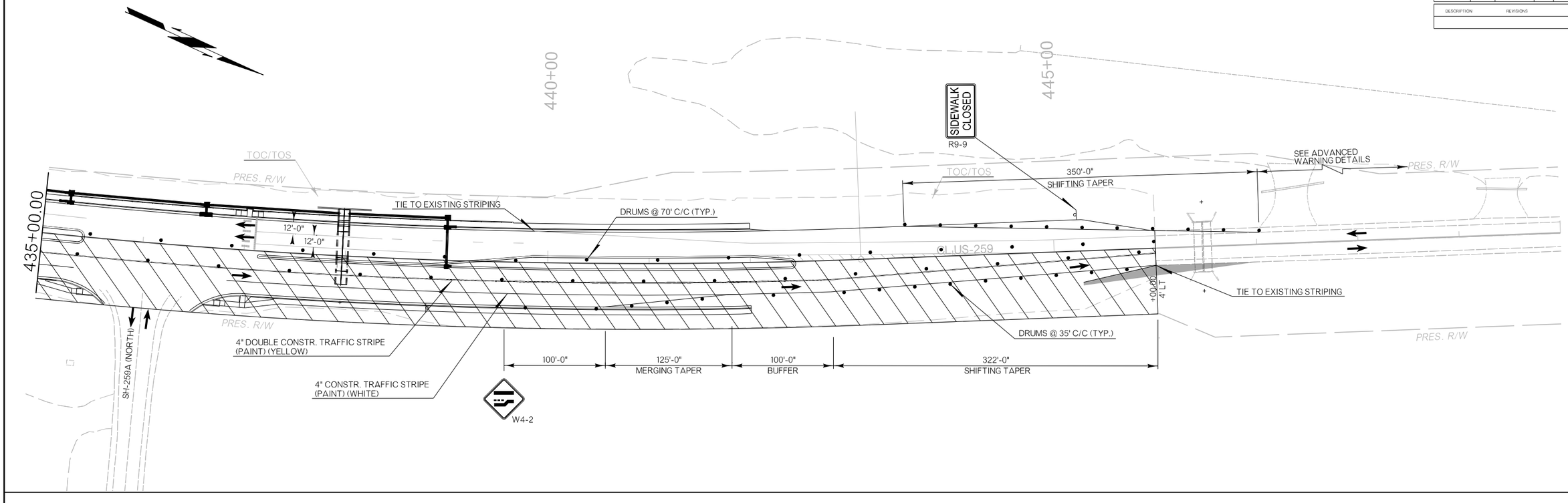
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T023

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET



LEGEND

DRUMS W/ WARNING LIGHTS	WORK AREA - PHASE A
CONSTRUCTION ZONE IMPACT ATTENUATOR	WORK AREA - PHASE B
CONSTRUCTION BARRICADES (TYPE III)	TEMPORARY PAVEMENT
DIRECTION OF TRAVEL	PORTABLE LONGITUDINAL BARRIER

7/8/2024

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC CONTROL PLAN - PHASE 5
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T024

TABLE 1 (SIGNAL HEADS)					
SIGNAL FACE NUMBER		NUMBER & TYPE	MOUNTING	VISOR	BACKPLATE
2,3,4,7,8	RELOCATED	5-ONE WAY (S-6)	MAST ARM	V-1	B-2
5	RELOCATED	1-ONE WAY (S-13)L	POLE	V-1	B-2
6	RELOCATED	1-ONE WAY (S-13)L	MAST ARM	V-1	B-2
1	NEW	1-ONE WAY (S-16)L	MAST ARM	V-1	B-2
9	NEW	1-ONE WAY (S-16)L	POLE	V-1	B-2
10,11,12,13	NEW	4-ONE WAY (S-20)	CLAMP	V-3	-

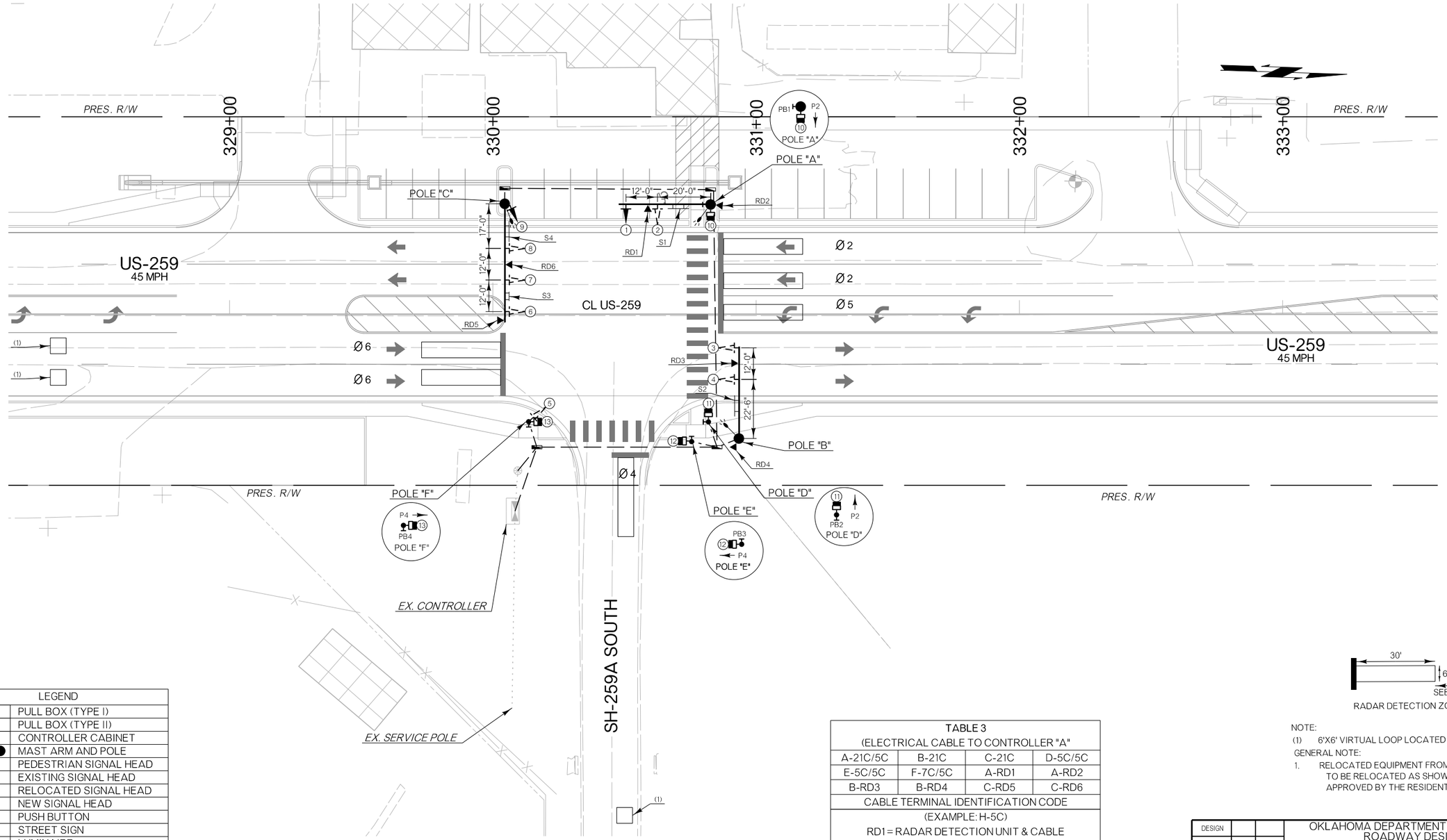
TABLE 2 (MAST ARMS & POLES)					
LOCATION	STATION	OFFSET	TYPE	MAST ARMS & POLES	FOUNDATION
"A"	330+83.00	42' LT.	COMB.	32' MH POLE 35' TS & 10' LMA (G.STL.)	S-40
"B"	330+94.00	47' RT.	COMB.	32' MH POLE 35' TS & 10' LMA (G.STL.)	S-40
"C"	330+04.50	42' LT.	COMB.	32' MH POLE 45' TS & 10' LMA (G.STL.)	S-55
"D"	330+82.00	41' RT.	COMB.	10' MTG. HT. TS PED. POLE (G.STL.)	P-3
"E"	330+75.50	48' RT.	PED.	10' MTG. HT. TS PED. POLE (G.STL.)	P-3
"F"	330+14.00	41' RT.	PED.	15' MTG. HT. TS PED. POLE (G.STL.)	P-3

NOTE: MOUNT PEDESTRIAN HEADS AT A HEIGHT OF 8 FEET ABOVE SIDEWALK TO BOTTOM OF HEAD.

0 20' 40'
SCALE IN FEET

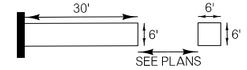
OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE



LEGEND	
	PULL BOX (TYPE I)
	PULL BOX (TYPE II)
	CONTROLLER CABINET
	MAST ARM AND POLE
	PEDESTRIAN SIGNAL HEAD
	EXISTING SIGNAL HEAD
	RELOCATED SIGNAL HEAD
	NEW SIGNAL HEAD
	PUSH BUTTON
	STREET SIGN
	LUMINAIRE
	EXISTING CONDUIT
	2" CONDUIT
	3" CONDUIT
	RADAR DETECTION SYSTEM

TABLE 3 (ELECTRICAL CABLE TO CONTROLLER "A"			
A-21C/5C	B-21C	C-21C	D-5C/5C
E-5C/5C	F-7C/5C	A-RD1	A-RD2
B-RD3	B-RD4	C-RD5	C-RD6
CABLE TERMINAL IDENTIFICATION CODE			
(EXAMPLE: H-5C) RD1 = RADAR DETECTION UNIT & CABLE H = SIGNAL POLE LOCATION 5C = FIVE CONDUCTOR CABLE			



RADAR DETECTION ZONE DETAILS

NOTE:
(1) 6'X6' VIRTUAL LOOP LOCATED 273' FROM STOP BAR
GENERAL NOTE:
1. RELOCATED EQUIPMENT FROM EXISTING SYSTEM IS TO BE RELOCATED AS SHOWN IN LAYOUT AND AS APPROVED BY THE RESIDENT ENGINEER.

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC SIGNAL LAYOUT (SH-259A SOUTH)
APPROVED		
SQUAD		

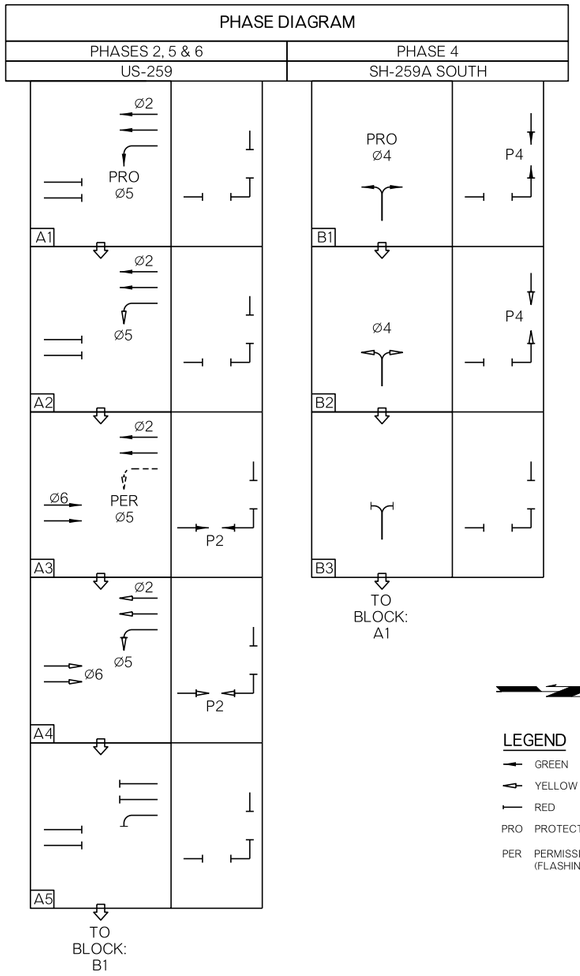
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T025

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PHASE DIAGRAM



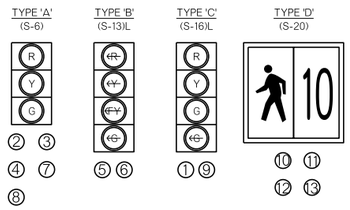
LEGEND

- GREEN
- YELLOW
- RED

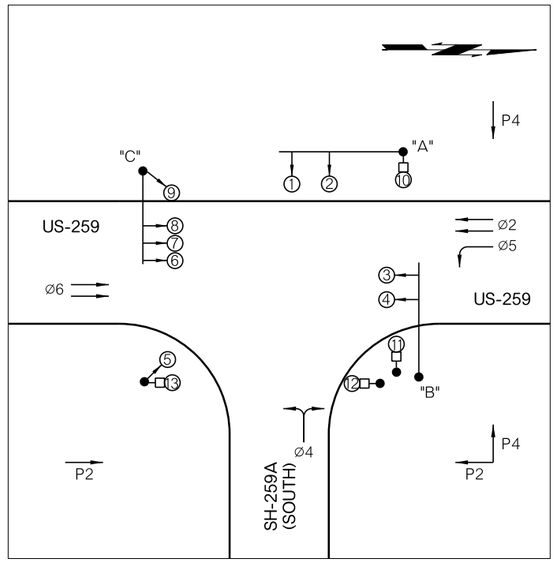
PRO PROTECTED TURN

PER PERMISSIVE TURN (FLASHING YELLOW)

SIGNAL HEAD TYPES



INTERSECTION PHASE & SIGNAL HEAD NUMBERS



SEQUENCE

BLOCK NO.	PHASE DESIGNATION	SIGNAL HEAD NUMBER						
		1& 9	2	3 & 4	5 & 6	7 & 8	10 & 11	12 & 13
A1	Ø2 & Ø5 ROW	R	R	R	←G	G	DW	DW
A2	Ø2 ROW, Ø5 CLR	R	R	R	←Y	G	DW	DW
A3	Ø2, Ø6 & P2 ROW, Ø5 PER,	R	R	G	←FY	G	DW	W
A4	Ø2, Ø5, Ø6 & P2 CRL	R	R	Y	←Y	Y	DW	FDW
A5	ALL RED	R	R	R	←R	R	DW	DW
B1	Ø4 & P4 ROW	←G/G	G	R	←R	R	W	DW
B2	Ø4 & P4 CRL	Y	Y	R	←R	R	FDW	DW
B3	ALL RED	R	R	←R	R	←R	DW	DW
-	FLASHING OPERATION	FR	FR	FR	FR	FR	-	-

ROW = RIGHT OF WAY
CLR = CLEAR
PER = PERMISSIVE

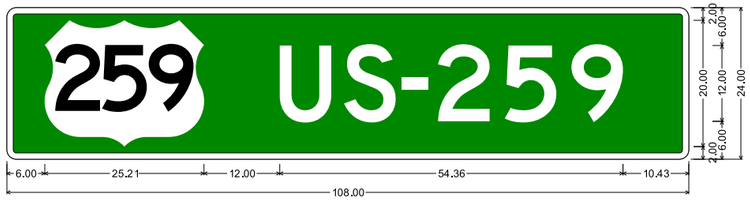
←G = GREEN ARROW
←Y = YELLOW ARROW
←FY = FLASHING YELLOW ARROW
←R = RED ARROW

G = GREEN
Y = YELLOW
R = RED

W = WALK
DW = DON'T WALK
FDW = FLASHING DON'T WALK



1.50" Radius, 0.50" Border, White on Green;
"S", D 2K; "STATE HIGHWAY 259A", D 2K;



1.50" Radius, 1.00" Border, White on Green;
"US-259", D 2K;

SUMMARY OF STREET NAME SIGNS

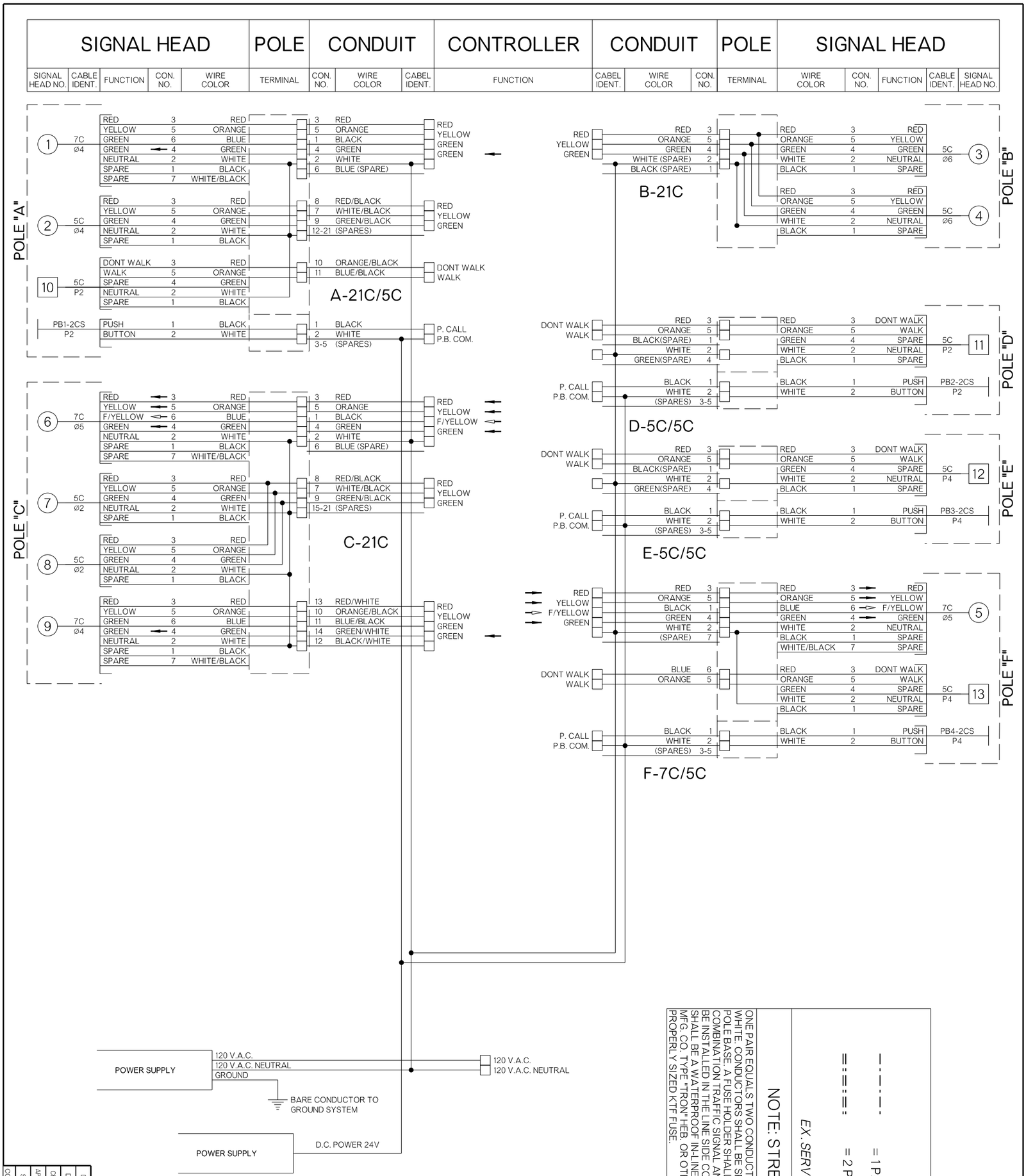
SIGN ID	POLE LOCATION	SIGN DETAIL	SIGN DESCRIPTION	TEXT	HEIGHT (IN.)	WIDTH (IN.)	SIGN AREA (S.F.)
S1	"A"	D3-1	STREET NAME	US-259	24	108	18.00
S2	"B"	D3-1	STREET NAME	S STATE HIGHWAY 259A	24	114	19.00
S3	"C"	R10-12a	LEFT TURN	LEFT TURN YIELD ON FYA	30	36	7.50
S4	"C"	D3-1	STREET NAME	S STATE HIGHWAY 259A	24	114	19.00
						TOTAL:	44.50

			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DESIGN			TRAFFIC SIGNAL PHASING (SH-259A SOUTH)
DRAWN			
CHECKED			
APPROVED			
SQUAD	XXXXX		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T026.

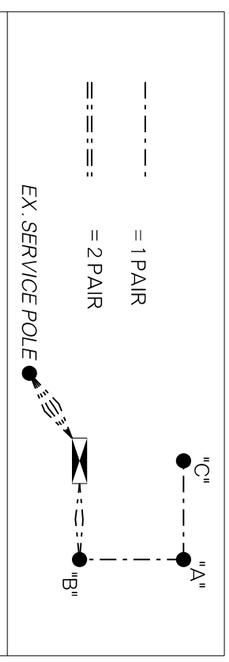
7/8/2024

7/8/2024



NOTE: STREET LIGHTING WIRING

ONE PAIR EQUALS TWO CONDUCTORS (#C - 10 AWG COPPER): ONE BLACK AND 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 IN-LINE FUSE HOLDER. IT SHALL BE SIMILAR TO BUSSMAN MFG. CO. TYPE "TRON" HEB, OR OTHER APPROVED EQUAL. COMPLETE WITH A PROPERLY SIZED KTF FUSE.



OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

DESIGN
DRAWN
CHECKED
APPROVED
SQUAD
XXXXX

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO 34333(08) SHEET NO 1022Z

TRAFFIC SIGNAL WIRING (SH-259A SOUTH)

OKLAHOMA DEPARTMENT OF TRANSPORTATION

DESCRIPTION	REVISION	DATE

FED. ROAD DIST. NO. 2 | STATE OKLA. | JOB PIECE NO. | SHEET NO. | TOTAL SHEETS

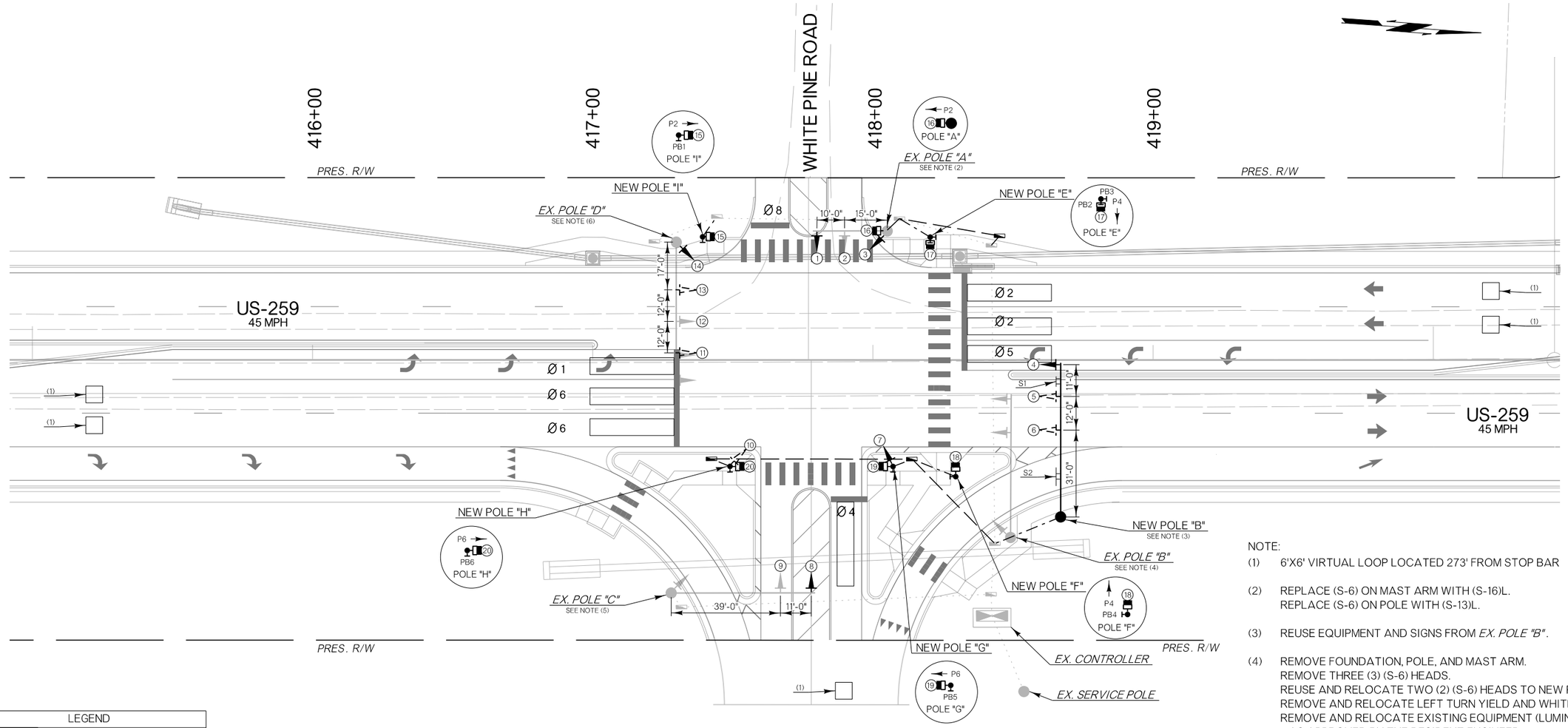
OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				
DESCRIPTION	REVISIONS				DATE

0 20' 40'
SCALE IN FEET

TABLE 1 (SIGNAL HEADS)					
SIGNAL FACE NUMBER		NUMBER & TYPE	MOUNTING	VISOR	BACKPLATE
2,9,12	EXISTING	3-ONE WAY (S-6)	MAST ARM	V-1	B-2
5,6,13	RELOCATED	3-ONE WAY (S-6)	MAST ARM	V-1	B-2
3	NEW	1-ONE WAY (S-13)L	POLE	V-1	B-2
4	NEW	1-ONE WAY (S-13)L	MAST ARM	V-1	B-2
10	RELOCATED	1-ONE WAY (S-13)L	POLE	V-1	B-2
11	RELOCATED	1-ONE WAY (S-13)L	MAST ARM	V-1	B-2
1,8	NEW	2-ONE WAY (S-16)L	MAST ARM	V-1	B-2
7,14	NEW	2-ONE WAY (S-16)L	POLE	V-1	B-2
15,16,17,18,19,20	NEW	6-ONE WAY (S-20)	CLAMP	V-3	-

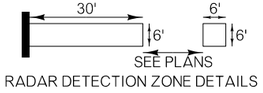
TABLE 2 (MAST ARMS & POLES)					
LOCATION	STATION	OFFSET	TYPE	MAST ARMS & POLES	FOUNDATION
"B"	418+67.00	56' RT.	COMB.	32' MH POLE 55' TS & 10' LMA (G.STL.)	S-55
"E"	418+15.50	44' LT.	PED.	10' MTG. HT. TS PED. POLE (G.STL.)	P-3
"F"	418+29.50	42' RT.	PED.	10' MTG. HT. TS PED. POLE (G.STL.)	P-3
"G"	418+07.00	38' RT.	PED.	15' MTG. HT. TS PED. POLE (G.STL.)	P-3
"H"	417+49.00	38' RT.	PED.	15' MTG. HT. TS PED. POLE (G.STL.)	P-3
"I"	417+39.00	44' LT.	PED.	10' MTG. HT. TS PED. POLE (G.STL.)	P-3

NOTE: MOUNT PEDESTRIAN HEADS AT A HEIGHT OF 8 FEET ABOVE SIDEWALK TO BOTTOM OF HEAD.



LEGEND	
	PULL BOX (TYPE I)
	PULL BOX (TYPE II)
	CONTROLLER CABINET
	MAST ARM AND POLE
	PEDESTRIAN SIGNAL HEAD
	EXISTING SIGNAL HEAD
	RELOCATED SIGNAL HEAD
	NEW SIGNAL HEAD
	PUSH BUTTON
	STREET SIGN
	LUMINAIRE
	EXISTING CONDUIT
	2" CONDUIT
	3" CONDUIT
	RADAR DETECTION SYSTEM

TABLE 3 (ELECTRICAL CABLE TO CONTROLLER "A")			
A-21C	B-21C	C-10C	D-21C
E-5C/5C	F-5C/5C	G-7C/5C	H-7C/5C
I-5C/5C	-	A-RD1	A-RD2
B-RD3	B-RD4	C-RD5	C-RD6
CABLE TERMINAL IDENTIFICATION CODE			
(EXAMPLE: H-5C) RD1 = RADAR DETECTION UNIT & CABLE H = SIGNAL POLE LOCATION 5C = FIVE CONDUCTOR CABLE			



RADAR DETECTION ZONE DETAILS

GENERAL NOTE:

1. RELOCATED EQUIMENT FROM EXISTING SYSTEM IS TO BE PLACED AS SHOWN IN LAYOUT AND AS APPROVED BY THE RESIDENT ENGINEER.

NOTE:

(1) 6'X6' VIRTUAL LOOP LOCATED 273' FROM STOP BAR

(2) REPLACE (S-6) ON MAST ARM WITH (S-16)L.
REPLACE (S-6) ON POLE WITH (S-13)L.

(3) REUSE EQUIPMENT AND SIGNS FROM *EX. POLE "B"*.

(4) REMOVE FOUNDATION, POLE, AND MAST ARM.
REMOVE THREE (3) (S-6) HEADS.
REUSE AND RELOCATE TWO (2) (S-6) HEADS TO NEW POLE "B".
REMOVE AND RELOCATE LEFT TURN YIELD AND WHITE PINE ROAD SIGNS.
REMOVE AND RELOCATE EXISTING EQUIPMENT (LUMINAIRE, RADAR, ETC.) AS APPROVED BY THE RESIDENT ENGINEER.

(5) REPLACE (S-6) ON MAST ARM WITH (S-16)L.
RELOCATE (S-13)L TO POLE "I".

(6) REPLACE (S-6) ON MAST ARM WITH (S-16)L.
RELOCATE (S-13)L TO LOCATION OF SIGNAL HEAD 11.
RELOCATE (S-6) TO LOCATION OF SIGNAL HEAD 13.

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			TRAFFIC SIGNAL LAYOUT (WHITE PINE ROAD)
APPROVED			
SQUAD			

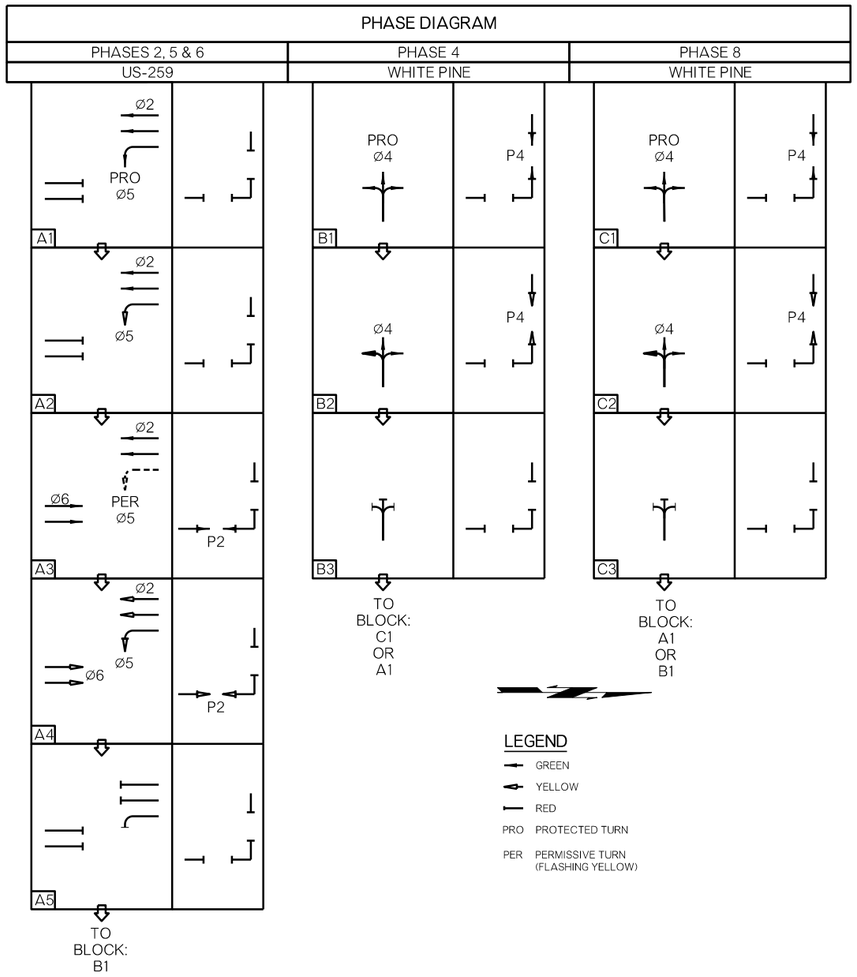
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T028

7/8/2024

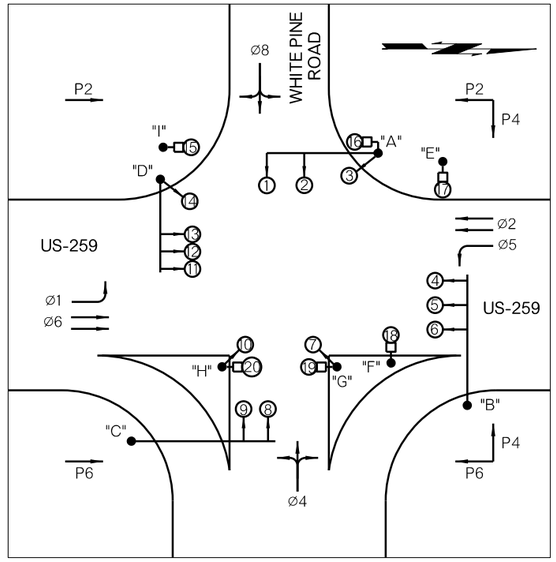
OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

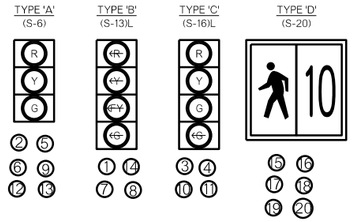
PHASE DIAGRAM



INTERSECTION PHASE & SIGNAL HEAD NUMBERS



SIGNAL HEAD TYPES



SEQUENCE

BLOCK NO.	PHASE DESIGNATION	SIGNAL HEAD NUMBER						
		1 & 9	2	3 & 4	5 & 6	7 & 8	10 & 11	12 & 13
A1	Ø2 & Ø5 ROW	R	R	R	←G	G	DW	DW
A2	Ø2 ROW, Ø5 CLR	R	R	R	←Y	G	DW	DW
A3	Ø2, Ø6 & P2 ROW, Ø5 PER,	R	R	G	←FY	G	DW	W
A4	Ø2, Ø5, Ø6 & P2 CRL	R	R	Y	←Y	Y	DW	FDW
A5	ALL RED	R	R	R	←R	R	DW	DW
B1	Ø4 & P4 ROW	←G/G	G	R	←R	R	W	DW
B2	Ø4 & P4 CRL	Y	Y	R	←R	R	FDW	DW
B3	ALL RED	R	R	←R	R	←R	DW	DW
C1	Ø8 & P4 ROW	←G/G	G	R	←R	R	W	DW
C2	Ø8 & P4 CRL	Y	Y	R	←R	R	FDW	DW
C3	ALL RED	R	R	←R	R	←R	DW	DW
-	FLASHING OPERATION	FR	FR	FR	FR	FR	-	-

ROW = RIGHT OF WAY
CLR = CLEAR
PER = PERMISSIVE

←G = GREEN ARROW
←Y = YELLOW ARROW
←FY = FLASHING YELLOW ARROW
←R = RED ARROW

G = GREEN
Y = YELLOW
R = RED

W = WALK
DW = DON'T WALK
FDW = FLASHING DON'T WALK

SUMMARY OF STREET NAME SIGNS

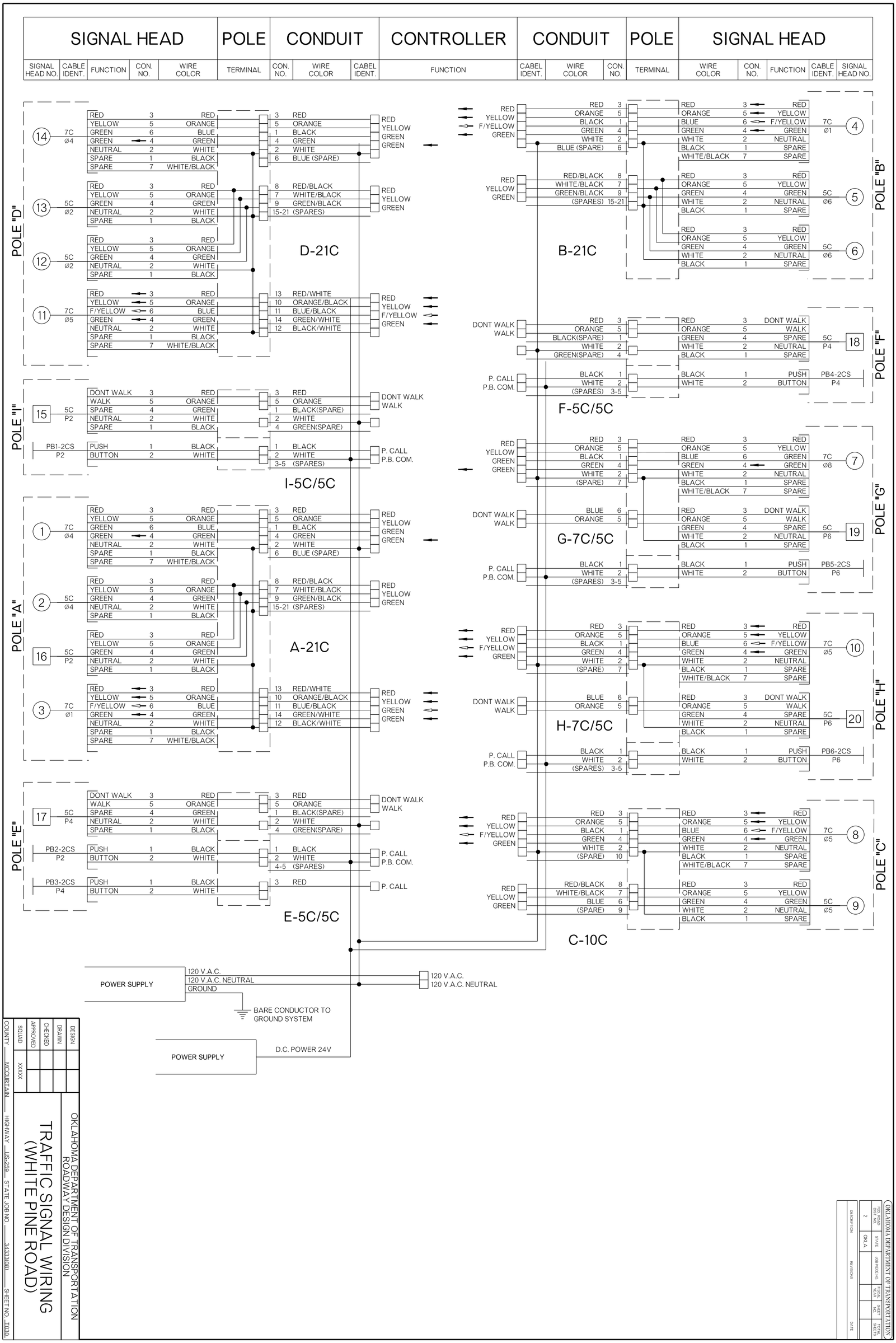
SIGN ID	POLE LOCATION	SIGN DETAIL	SIGN DESCRIPTION	TEXT	
S1	"B"	R10-12a	LEFT TURN	LEFT TURN YIELD ON	REUSED FROM EX. POLE "B"
S2	"B"	D3-1	STREET NAME	WHITE PINE RD	REUSED FROM EX. POLE "B"

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC SIGNAL PHASING (WHITE PINE ROAD)
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T029

7/8/2024

7/8/2024



OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

TRAFFIC SIGNAL WIRING (WHITE PINE ROAD)

DESIGN	DRAWN	CHECKED	APPROVED	SQUAD
				XXXXX

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. 31090

OKLAHOMA DEPARTMENT OF TRANSPORTATION

DESCRIPTION	REVISION	DATE

FED. ROAD DIST. NO.	STATE	ARCHITECT/ENG.	PROJECT NO.	SHEET NO.	TOTAL SHEETS
2	OKLA.				

0 20' 40'
SCALE IN FEET

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

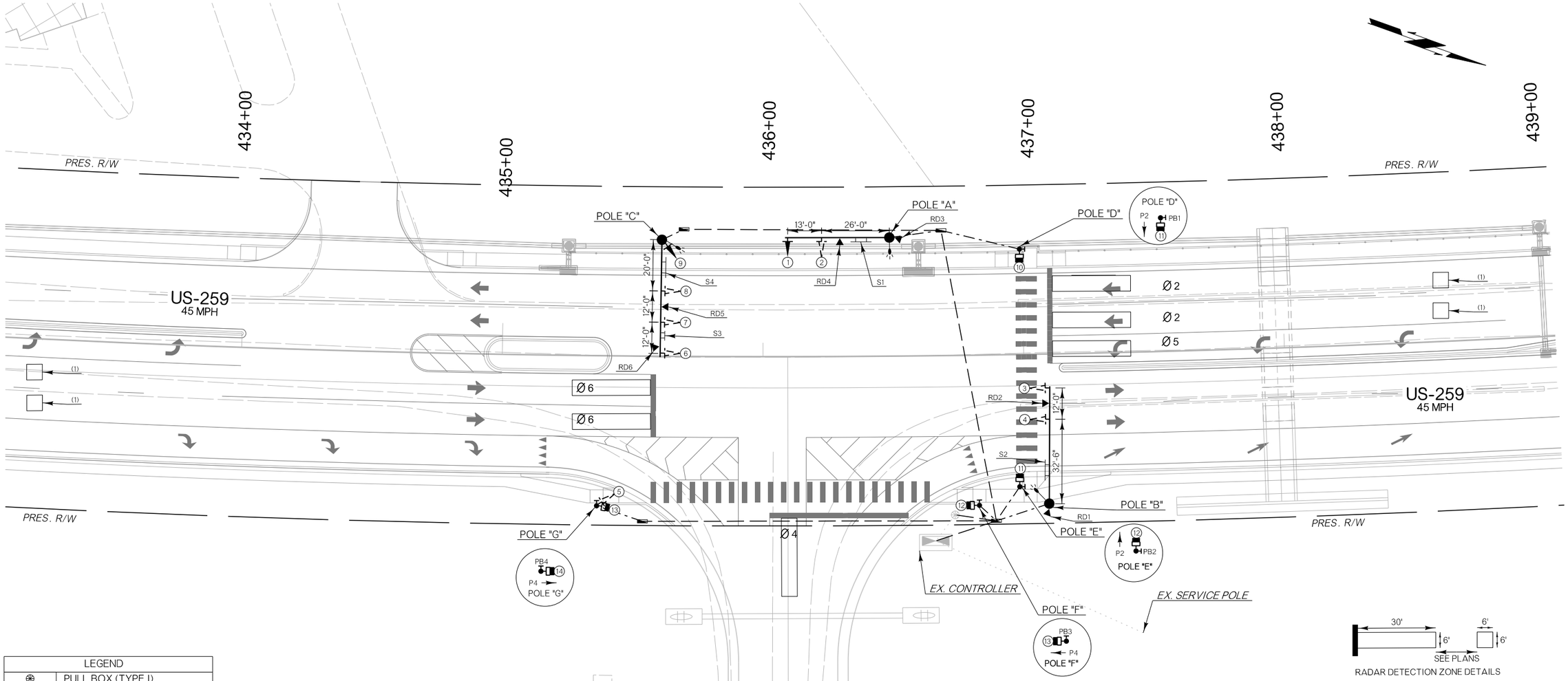
TABLE 1 (SIGNAL HEADS)

SIGNAL FACE NUMBER		NUMBER & TYPE	MOUNTING	VISOR	BACKPLATE
2,3,4,7,8	RELOCATED	5-ONE WAY (S-6)	MAST ARM	V-1	B-2
5	RELOCATED	1-ONE WAY (S-13)L	POLE	V-1	B-2
6	RELOCATED	1-ONE WAY (S-13)L	MAST ARM	V-1	B-2
1	NEW	1-ONE WAY (S-16)L	MAST ARM	V-1	B-2
9	NEW	1-ONE WAY (S-16)L	POLE	V-1	B-2
10,11,12,13	NEW	4-ONE WAY (S-20)	CLAMP	V-3	-

TABLE 2 (MAST ARMS & POLES)

LOCATION	STATION	OFFSET	TYPE	MAST ARMS & POLES	FOUNDATION
"A"	436+48.00	46' LT.	COMB.	32' MH POLE 40' TS & 10' LMA (G.STL.)	S-40
"B"	437+09.00	57' RT.	COMB.	32' MH POLE 45' TS & 10' LMA (G.STL.)	S-55
"C"	435+61.00	45' LT.	COMB.	32' MH POLE 45' TS & 10' LMA (G.STL.)	S-55
"D"	436+99.00	41' LT.	PED.	10' MTG. HT. TS PED. POLE (G.STL.)	P-3
"E"	436+98.00	50' RT.	PED.	10' MTG. HT. TS PED. POLE (G.STL.)	P-3
"F"	436+82.00	58' RT.	PED.	10' MTG. HT. TS PED. POLE (G.STL.)	P-3
"G"	435+37.00	58' RT.	PED.	15' MTG. HT. TS PED. POLE (G.STL.)	P-3

NOTE: MOUNT PEDESTRIAN HEADS AT A HEIGHT OF 8 FEET ABOVE SIDEWALK TO BOTTOM OF HEAD.



LEGEND	
	PULL BOX (TYPE I)
	PULL BOX (TYPE II)
	CONTROLLER CABINET
	MAST ARM AND POLE
	PEDESTRIAN SIGNAL HEAD
	EXISTING SIGNAL HEAD
	RELOCATED SIGNAL HEAD
	NEW SIGNAL HEAD
	PUSH BUTTON
	STREET SIGN
	LUMINAIRE
	EXISTING CONDUIT
	2" CONDUIT
	3" CONDUIT
	RADAR DETECTION SYSTEM

TABLE 3
(ELECTRICAL CABLE TO CONTROLLER "A"

A-9C	B-21C	C-21C	D-5C/5C
E-5C/5C	F-5C/5C	G-7C/5C	A-RD1
A-RD2	B-RD3	B-RD4	C-RD5
C-RD6	-	-	-

CABLE TERMINAL IDENTIFICATION CODE

(EXAMPLE: H-5C)
RD1 = RADAR DETECTION UNIT & CABLE
H = SIGNAL POLE LOCATION
5C = FIVE CONDUCTOR CABLE

NOTE:
(1) 6'X6' VIRTUAL LOOP LOCATED 273' FROM STOP BAR
GENERAL NOTE:
1. RELOCATED EQUIPMENT FROM EXISTING SYSTEM IS TO BE RELOCATED AS SHOWN IN LAYOUT AND AS APPROVED BY THE RESIDENT ENGINEER.

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC SIGNAL LAYOUT (SH-259A NORTH)
APPROVED		
SQUAD	XXXXX	

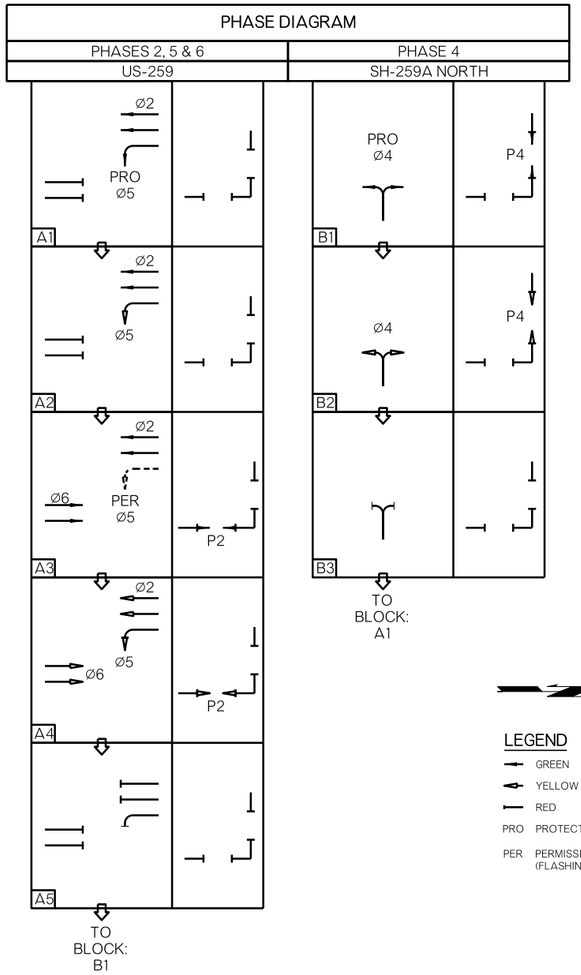
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T031

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

PHASE DIAGRAM



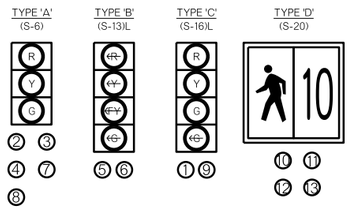
LEGEND

- GREEN
- YELLOW
- RED

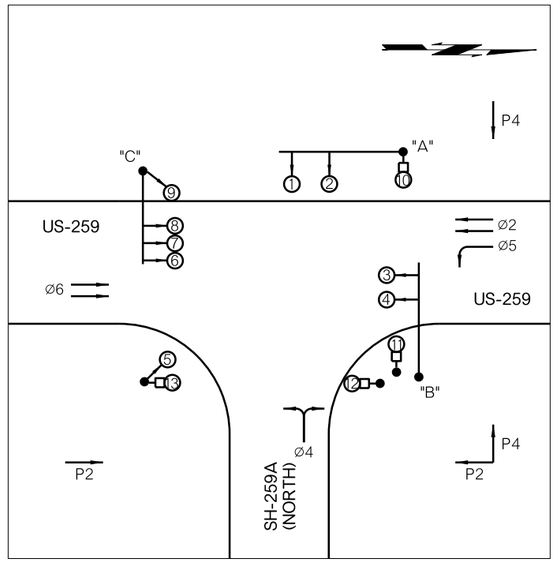
PRO PROTECTED TURN

PER PERMISSIVE TURN (FLASHING YELLOW)

SIGNAL HEAD TYPES



INTERSECTION PHASE & SIGNAL HEAD NUMBERS



SEQUENCE

BLOCK NO.	PHASE DESIGNATION	SIGNAL HEAD NUMBER						
		1& 9	2	3 & 4	5 & 6	7 & 8	10 & 11	12 & 13
A1	Ø2 & Ø5 ROW	R	R	R	←G	G	DW	DW
A2	Ø2 ROW, Ø5 CLR	R	R	R	←Y	G	DW	DW
A3	Ø2, Ø6 & P2 ROW, Ø5 PER,	R	R	G	←FY	G	DW	W
A4	Ø2, Ø5, Ø6 & P2 CRL	R	R	Y	←Y	Y	DW	FDW
A5	ALL RED	R	R	R	←R	R	DW	DW
B1	Ø4 & P4 ROW	←G/G	G	R	←R	R	W	DW
B2	Ø4 & P4 CRL	Y	Y	R	←R	R	FDW	DW
B3	ALL RED	R	R	←R	R	←R	DW	DW
-	FLASHING OPERATION	FR	FR	FR	FR	FR	-	-

ROW = RIGHT OF WAY
CLR = CLEAR
PER = PERMISSIVE

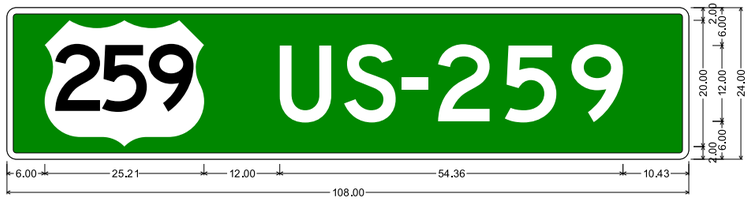
←G = GREEN ARROW
←Y = YELLOW ARROW
←FY = FLASHING YELLOW ARROW
←R = RED ARROW

G = GREEN
Y = YELLOW
R = RED

W = WALK
DW = DON'T WALK
FDW = FLASHING DON'T WALK



1.50" Radius, 0.50" Border, White on Green;
"S", D 2K; "STATE HIGHWAY 259A", D 2K;



1.50" Radius, 1.00" Border, White on Green;
"US-259", D 2K;

SUMMARY OF STREET NAME SIGNS

SIGN ID	POLE LOCATION	SIGN DETAIL	SIGN DESCRIPTION	TEXT	HEIGHT (IN.)	WIDTH (IN.)	SIGN AREA (S.F.)
S1	"A"	D3-1	STREET NAME	US-259	24	108	18.00
S2	"B"	D3-1	STREET NAME	N STATE HIGHWAY 259A	24	114	19.00
S3	"C"	R10-12a	LEFT TURN	LEFT TURN YIELD ON FYA	30	36	7.50
S4	"C"	D3-1	STREET NAME	N STATE HIGHWAY 259A	24	114	19.00
						TOTAL:	44.50

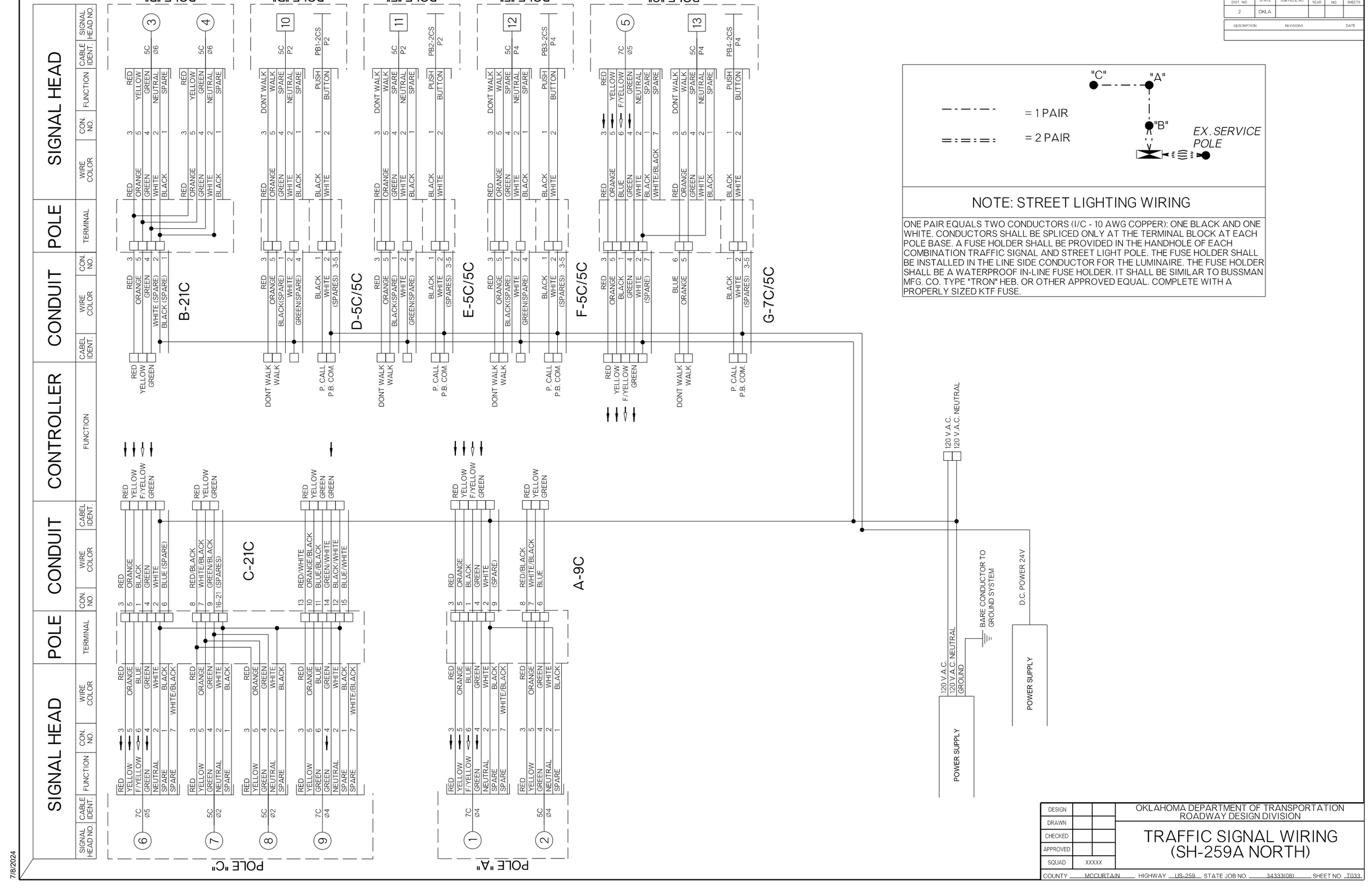
DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			TRAFIC SIGNAL PHASING (SH-259A NORTH)
APPROVED			
SQUAD	XXXXX		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T032

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE



NOTE: STREET LIGHTING WIRING

ONE PAIR EQUALS TWO CONDUCTORS (1/C - 10 AWG COPPER): ONE BLACK AND 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 IN-LINE FUSE HOLDER. IT SHALL BE SIMILAR TO BUSSMAN MFG. CO. TYPE "TRON" HEB. OR OTHER APPROVED EQUAL. COMPLETE WITH A PROPERLY SIZED KTF FUSE.

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC SIGNAL WIRING (SH-259A NORTH)
APPROVED		
SQUAD	XXXXX	

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T033

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

SUMMARY OF SIGNING

PLAN SHEET	PLAN SET SHEET	APPROXIMATE STATION	OFFSET	SIGN	SIGN DESIGNATION	SIZE		805 (A) REMOVAL OF EXISITING SIGNS	805 (D) REMOVE & RESET EXISTING SIGNS	850 (A) SHEET ALUMINUM	851(C) 2 1/2" SQUARE TUBE POST	COMMENTS
						IN	IN	EA	EA	SF	LF	
T036	1	321+22.00	41'RT	SPEED LIMIT	R2-1E (45)	36	48	-	1	12.00	11	-
	2	322+80.00	41'RT	JUNCTION	M2-1E	30	21	-	-	4.38	12	-
				STATE ROUTE	M1-6E (3)	45	36	-	-	11.25		-
	3	324+56.00	41'LT	DISTANCE	D2-2	30	90	1	1	18.75	24	SEE TRAFFIC SPECIAL SIGNS (T041)
	4	327+65.00	41'RT	DESTINATION AND DISTANCE	D1-2a	62	126	1	1	54.25	24	SEE TRAFFIC SPECIAL SIGNS (T041)
	5	329+60.00	41'LT	NORTH	M3-1E	36	18	-	1	4.50	15	-
				US ROUTE	M1-4E (3)	45	36	-	1	11.25		-
				STRAIGHT ARROW	M6-3E	30	21	-	1	4.38		-
				EAST ARROW	M3-2E	36	18	-	1	4.50	15	-
				STATE ROUTE	M1-6E (3)	45	36	-	1	11.25		-
				RIGHT ARROW	M6-1E (R)	30	21	-	1	4.38		-
	6	330+67.00	62'RT	STOP	R1-1E	36	36	-	1	9.00	10	-
	7	330+82.00	55'RT	SOUTH	M3-3E	36	18	-	1	4.50	15	-
				US ROUTE	M1-4E (3)	45	36	-	1	11.25		-
				LEFT ARROW	M6-1E (L)	30	21	-	1	4.38		-
				NORTH	M3-1E	36	18	-	1	4.50	15	-
				US ROUTE	M1-4E (3)	45	36	-	1	11.25		-
				RIGHT ARROW	M6-1E (R)	30	21	-	1	4.38		-
	8	332+57.00	41'RT	NORTH	M3-1E	36	18	-	-	4.50	9	-
				US ROUTE	M1-4E (3)	45	36	-	-	11.25	10	-
	9	333+00.00	42'LT	EAST ARROW	M3-2E	36	18	-	-	4.50	15	-
				STATE ROUTE	M1-6E (3)	45	36	-	-	11.25		-
				LEFT ARROW	M6-1E (L)	30	21	-	-	4.38		-
				SOUTH	M3-3E	36	18	-	-	4.50	15	-
				US ROUTE	M1-4E (3)	45	36	-	-	11.25		-
				STRAIGHT ARROW	M6-3E	30	21	-	-	4.38		-
	10	334+00.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	11	335+38.00	41'LT	DESTINATION	D2-2	42	114	-	1	33.25	24	SEE TRAFFIC SPECIAL SIGNS (T041)
	12	334+25.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	13	336+93.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	14	337+39.00	49'LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	15	-
				ONE WAY	R6-1E (R)	54	18	-	-	6.75		-
				STOP	R1-1E	36	36	-	-	9.00		-
	15	337+31.00	38'RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	16	337+72.00	38'RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	17	338+04.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	18	338+57.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	19	340+07.00	41'RT	DESTINATION	D2-4	60	114	-	1	47.50	24	SEE TRAFFIC SPECIAL SIGNS (T041)
T037	20	344+20.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	21	344+68.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	22	345+06.00	43'LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	12	-
				ONE WAY	R6-1E (R)	54	18	-	-	6.75		-
	23	345+19.00	39'RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	24	345+93.00	41'LT	JUNCTION	M2-1E	30	21	-	1	4.38	9	-
				STATE ROUTE	M1-6E (3)	45	36	-	1	11.25		-
	25	346+26.00	40'LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	26	346+26.00	40'RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	27	346+55.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	28	347+02.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	29	350+71.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	30	351+23.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	31	351+40.00	40'RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	32	351+49.00	40'LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	33	351+98.00	40'LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	34	351+92.00	43'RT	STOP	R1-1E	36	36	1	-	9.00	15	-
				ONE WAY	R6-1E (L)	54	18	-	-	6.75		-
				ONE WAY	R6-1E (R)	54	18	-	-	6.75		-
	35	352+33.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	36	-	-	-	-	-	-	-	-	-	-	SIGN REMOVED
	37	355+99.00	41'LT	SPEED LIMIT	R2-1E (45)	36	48	-	-	12.00	11	-
	38	355+99.00	41'RT	SPEED LIMIT	R2-1E (45)	36	48	-	-	12.00	11	-
T038	39	384+04.00	41'LT	SPEED LIMIT	R2-1E (45)	36	48	-	-	12.00	11	-
	40	384+04.00	41'RT	SPEED LIMIT	R2-1E (45)	36	48	-	-	12.00	11	-
	41	-	-	-	-	-	-	-	-	-	-	SIGN REMOVED
	42	386+43.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	43	386+88.00	40'RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	44	386+94.00	40'LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	45	387+30.00	40'RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	46	387+49.00	40'LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	47	387+62.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	48	388+03.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	49	388+10.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	50	388+48.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	51	388+79.00	40'RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	52	388+79.00	40'LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	53	389+49.00	40'LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	54	389+37.00	43'RT	STOP	R1-1E	36	36	-	-	9.00	15	-
				ONE WAY	R6-1E (L)	54	18	-	-	6.75		-
				ONE WAY	R6-1E (R)	54	18	-	-	6.75		-
	55	389+72.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	56	-	-	-	-	-	-	-	-	-	-	SIGN REMOVED
	57	390+36.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	58	390+75.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	59	390+94.00	40'RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	60	391+00.00	40'LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	61	391+59.00	40'LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	62	391+49.00	43'RT	STOP	R1-1E	36	36	-	-	9.00	15	-
				ONE WAY	R6-1E (L)	54	18	-	-	6.75		-
				ONE WAY	R6-1E (R)	54	18	-	-	6.75		-

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC SIGN SUMMARY
APPROVED		
SQUAD		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T034

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

SUMMARY OF SIGNING

PLAN SHEET	PLAN SET SHEET	APPROXIMATE STATION	OFFSET	SIGN	SIGN DESIGNATION	SIZE		805 (A) REMOVAL OF EXISITING SIGNS	805 (D) REMOVE & RESET EXISTING SIGNS	850 (A) SHEET ALUMINUM	851 (C) 2 1/2" SQUARE TUBE POST	COMMENTS
						IN	IN	EA	EA	SF	LF	
T038	63	391+81.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	64	-	-	-	-	-	-	-	-	-	-	SIGN REMOVED
	65	-	-	-	-	-	-	-	-	-	-	SIGN REMOVED
	66	393+80.00	43' LT	STOP	R1-1E	36	36	-	-	9.00	15	-
				ONE WAY	R6-1E (R)	54	18	-	-	6.75		-
				ONE WAY	R6-1E (L)	54	18	-	-	6.75		-
	67	393+93.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	68	394+57.00	40' RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	69	394+68.00	40' RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	70	394+67.00	40' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	71	394+77.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	72	395+30.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	73	-	-	-	-	-	-	-	-	-	-	SIGN REMOVED
	74	404+44.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	75	404+77.00	39' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	76	404+77.00	39' RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
T039	77	405+26.00	40' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	78	405+26.00	39' RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	79	405+32.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	80	405+60.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	81	406+05.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	82	406+49.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	83	406+84.00	40' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	84	407+37.00	40' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	85	407+55.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	86	-	-	-	-	-	-	-	-	-	-	SIGN REMOVED
	87	410+98.00	41' RT	SPEED LIMIT	R2-1E (45)	36	48	-	-	12.00	11	-
	88	410+98.00	41' LT	SPEED LIMIT	R2-1E (45)	36	48	-	-	12.00	11	-
	89	-	-	-	-	-	-	-	-	-	-	SIGN REMOVED
	90	413+18.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	91	413+36.00	50' RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	92	413+52.00	43' LT	STOP	R1-1E	36	36	-	-	9.00	15	-
				ONE WAY	R6-1E (R)	54	18	-	-	6.75		-
				ONE WAY	R6-1E (L)	54	18	-	-	6.75		-
	93	413+83.00	52' RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	94	414+03.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	95	414+07.00	40' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	96	414+53.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	97	415+80.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	98	416+33.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	99	416+62.00	52' RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	99.1	415+75.00	52' RT	YIELD	R1-2	30	30	-	-	6.25	9	-
	99.2	416+85.00	56' RT	YIELD HERE TO PEDEDSTRIANS	R1-5aL	30	36	-	-	7.50	9	-
	99.3	418+22.00	95' RT	YIELD HERE TO PEDEDSTRIANS	R1-5aL	30	36	-	-	7.50	9	-
	100	417+12.00	45' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	101	418+37.00	45' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	102	418+94.00	52' RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	103	419+02.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	104	419+50.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	105	-	-	-	-	-	-	-	-	-	-	SIGN REMOVED
	106	428+92.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	107	429+01.00	43' LT	STOP	R1-1E	36	36	-	-	9.00	15	-
				ONE WAY	R6-1E (R)	54	18	-	-	6.75		-
				ONE WAY	R6-1E (L)	54	18	-	-	6.75		-
	108	429+07.00	40' RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	109	429+81.00	40' RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	110	429+87.00	40' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	111	430+05.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	112	430+53.00	MEDIAN	DO NOT ENTER	R5-1E	36	36	-	-	9.00	10	-
	113	431+56.00	43' LT	DISTANCE	D2-2	30	90	-	-	18.75	24	SEE TRAFFIC SPECIAL SIGNS (T041)
	114	432+95.00	41' LT	SPEED LIMIT	R2-1E (45)	36	48	-	-	12.00	11	-
	115	433+01.00	53' RT	SPEED LIMIT	R2-1E (45)	36	48	-	-	12.00	11	-
	116	-	-	-	-	-	-	-	-	-	-	SIGN REMOVED
	117	433+74.00	41' LT	SOUTH	M3-3E	36	18	-	1	4.50	15	-
				US ROUTE	M1-4E (3)	45	36	-	1	11.25		-
				STRAIGHT ARROW	M6-3E	30	21	-	-	4.38		-
	118	433+93.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	119	434+03.00	52' RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	120	434+04.00	40' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	121	434+82.00	40' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	122	434+45.00	52' RT	YIELD	R1-2	30	30	-	-	6.25	9	-
	123	434+76.00	52' RT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
T040	124	435+04.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	125	435+30.00	50' RT	YIELD HERE TO PEDEDSTRIANS	R1-5aL	30	36	-	-	7.50	9	-
	126	436+61.00	60' RT	YIELD HERE TO PEDEDSTRIANS	R1-5aL	30	36	-	-	7.50	9	-
	128	435+35.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	129	435+75.00	40' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	130	436+51.00	40' LT	ONE WAY	R6-1E (L)	54	18	-	-	6.75	9	-
	127	437+21.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	131	437+23.00	41' LT	NORTH	M3-1E	36	18	-	-	4.50	15	-
				STATE ROUTE	M1-6E (3)	45	36	-	-	11.25		-
				LEFT ARROW	M6-1E (L)	30	21	-	-	4.38		-
				SOUTH	M3-3E	36	18	-	-	4.50	15	-
				US ROUTE	M1-4E (3)	45	36	-	-	11.25		-
				STRAIGHT ARROW	M6-3E	30	21	-	-	4.38		-
	132	442+40.00	MEDIAN	KEEP RIGHT SOON	R4-7E	36	48	-	-	12.00	11	-
	133	443+07.00	41' LT	DESTINATION AND DISTANCE	D1-2a	62	126	-	-	54.25	24	SEE TRAFFIC SPECIAL SIGNS (T041)
	134	444+04.00	41' LT	SPEED LIMIT	R2-1E (45)	36	48	-	-	12.00	11	-
							TOTAL:	3	22	1,583	1,477	

DESIGN		OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN		
CHECKED		TRAFFIC SIGN SUMMARY
APPROVED		
SQUAD		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T035

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

320+00 325+00 330+00.00

PRES. R/W

CL US-259

6' 12' 12' 6'

12' 12' 12' 12'

3 BROKEN BOW 7 19 IDABEL

1 SPEED LIMIT 45 R2-1E(45)

2 259A LCT M2-1E M1-6E(3)

4 FOREST HERITAGE CENTER BEAVERS BEND DEPOT 3 4

5 259 NORTH M3-1E M1-4E(3) M6-3E
259A EAST M3-2E M1-6E(3) M6-1E(R)

LEGEND

A	6" SOLID WHITE STRIPE	E	WHITE ARROW
B	6" DOUBLE YELLOW STRIPE	F	12" YELLOW GORE STRIPE
C	6" DASHED WHITE STRIPE	H	12" WHITE STRIPE
D	24" WHITE STRIPE	➔	DIRECTIONAL ARROW

330+00.00 335+00 340+00 345+00.00

PRES. R/W

SH-259A (SOUTH)

CL US-259

6 STOP R1-1E

7 SOUTH 259 M3-3E M1-4E(3) M6-1E(L)
NORTH 259 M3-1E M1-4E(3) M6-1E(R)

8 259 NORTH M3-1E M1-4E(3)

9 259A EAST M3-2E M1-6E(3) M6-1E(L)
SOUTH 259 M3-3E M1-4E(3) M6-3E

10 R4-7E

11 BROKEN BOW BEAVERS BEND

12 R5-1E

13 R4-7E

14 R6-1E(L) ONE WAY
R6-1E(R) ONE WAY

15 R6-1E(L) ONE WAY

16 R6-1E(L) ONE WAY

17 R4-7E

18 R5-1E

19 HOCHATOWN 2
LAKEVIEW LODGE 3
CEDAR CREEK 10
GOLF COURSE

20 R5-1E

21 R4-7E

7/8/2024

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	XXXXX	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

TRAFFIC SIGNING AND STRIPING

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T036

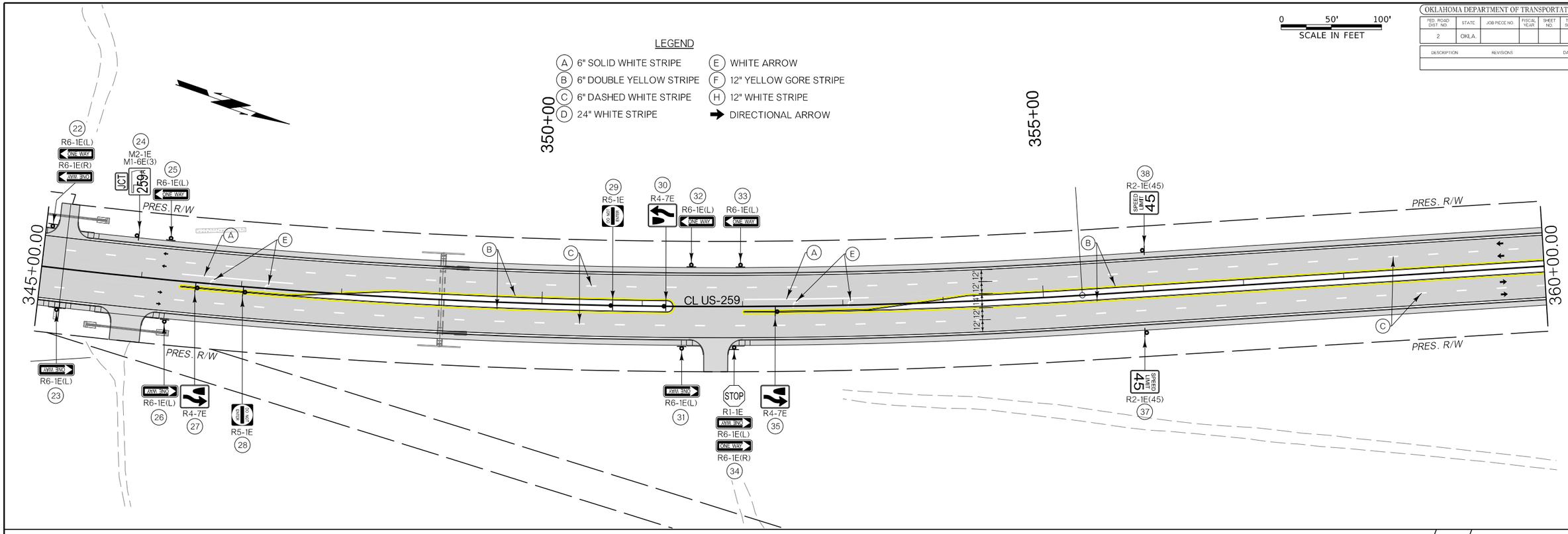
OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

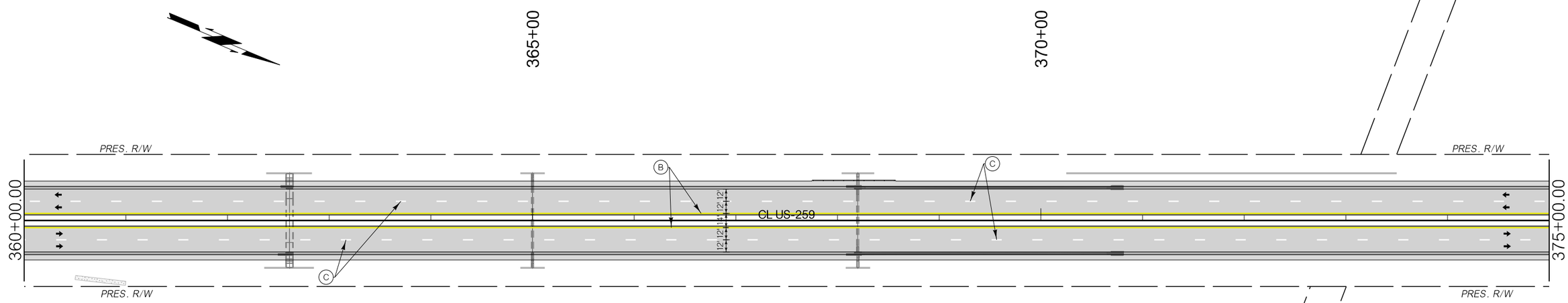
DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

LEGEND

- (A) 6" SOLID WHITE STRIPE
- (B) 6" DOUBLE YELLOW STRIPE
- (C) 6" DASHED WHITE STRIPE
- (D) 24" WHITE STRIPE
- (E) WHITE ARROW
- (F) 12" YELLOW GORE STRIPE
- (H) 12" WHITE STRIPE
- DIRECTIONAL ARROW





DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	XXXXX	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

TRAFFIC SIGNING AND STRIPING

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T037

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

380+00

385+00

375+00.00

390+00.00

PRES. R/W

CL US-259

12' 12' 12' 12'

39 R2-1E(45) SPEED LIMIT 45

40 R2-1E(45) SPEED LIMIT 45

42 R4-7E

43 R6-1E(L) ONE WAY

44 R6-1E(L) ONE WAY

45 R6-1E(L) ONE WAY

46 R6-1E(L) ONE WAY

47 R4-7E

48 R5-1E BEND

49 R5-1E BEND

50 R4-7E

51 R6-1E(L) ONE WAY

52 R6-1E(L) ONE WAY

53 R6-1E(L) ONE WAY

54 R6-1E(R) ONE WAY

55 R4-7E

R1-1E STOP

LEGEND

A	6" SOLID WHITE STRIPE	E	WHITE ARROW
B	6" DOUBLE YELLOW STRIPE	F	12" YELLOW GORE STRIPE
C	6" DASHED WHITE STRIPE	H	12" WHITE STRIPE
D	24" WHITE STRIPE		DIRECTIONAL ARROW

R5-1E

395+00

400+00

POST OAK RD

390+00.00

405+00.00

PRES. R/W

CL US-259

12' 12' 12' 12'

HIDDENLAKE RD

57 R5-1E BEND

58 R4-7E

59 R6-1E(L) ONE WAY

60 R6-1E(L) ONE WAY

61 R6-1E(L) ONE WAY

62 R6-1E(R) ONE WAY

63 R4-7E

66 R6-1E(L) ONE WAY

R6-1E(R) AHEAD ONLY

R1-1E STOP

67 R4-7E

68 R6-1E(L) AHEAD ONLY

69 R6-1E(L) AHEAD ONLY

70 R6-1E(L) ONE WAY

71 R4-7E

72 R5-1E BEND

74 R4-7E

75 R6-1E(L) ONE WAY

76 R6-1E(L) AHEAD ONLY

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			TRAFFIC SIGNING AND STRIPING
APPROVED			
SQUAD	XXXXX		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T038

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

0 50' 100'
SCALE IN FEET

405+00.00 410+00 415+00 420+00.00

POST OAK RD

WHITE PINE RD

PRES. R/W

CL US-259

12' 12' 12' 12' 12' 12' 12' 12' 12' 12' 12' 12'

77 R6-1E(L) ONE WAY
80 R5-1E KEEP RIGHT
82 R4-7E
83 R6-1E(L) ONE WAY
84 R6-1E(L) ONE WAY
88 R2-1E(45) SPEED LIMIT 45
90 R4-7E
92 R6-1E(L) ONE WAY
R6-1E(R) AWM ONE WAY
R1-1E STOP
95 R6-1E(L) ONE WAY
96 R5-1E KEEP RIGHT
97 R5-1E KEEP RIGHT
98 R4-7E
100 R6-1E(L) ONE WAY
101 R6-1E(L) ONE WAY

79 R4-7E
78 R6-1E(L) AWM ONE WAY
81 R5-1E KEEP RIGHT
85 R4-7E
87 R2-1E(45) SPEED LIMIT 45
91 R6-1E(L) AWM ONE WAY
93 R6-1E(L) AWM ONE WAY
94 R4-7E
99.1 R1-2 YIELD
99.2 R1-5aL KEEP RIGHT
99 R6-1E(L) AWM ONE WAY
99.3 R1-5aL KEEP RIGHT PEDESTRIANS
102 R6-1E(L) AWM ONE WAY
103 R4-7E
104 R5-1E KEEP RIGHT

LEGEND

- (A) 6" SOLID WHITE STRIPE
- (B) 6" DOUBLE YELLOW STRIPE
- (C) 6" DASHED WHITE STRIPE
- (D) 24" WHITE STRIPE
- (E) WHITE ARROW
- (F) 12" YELLOW GORE STRIPE
- (H) 12" WHITE STRIPE
- DIRECTIONAL ARROW

420+00.00 425+00 430+00 435+00.00

PINYON RD

PRES. R/W

CL US-259

12' 12' 12' 12' 12' 12' 12' 12' 12' 12' 12' 12'

107 R6-1E(L) ONE WAY
106 R6-1E(R) AWM ONE WAY
R4-7E
R1-1E STOP
110 R6-1E(L) ONE WAY
113 BROKEN BOW 9 21 IDABEL
114 R2-1E(45) SPEED LIMIT 45
117 M3-3E M1-4E(3) M6-3E SOUTH 259
118 R4-7E
120 R6-1E(L) ONE WAY
121 R6-1E(L) ONE WAY

108 R6-1E(L) AWM ONE WAY
109 R6-1E(L) AWM ONE WAY
111 R4-7E
112 R5-1E KEEP RIGHT
115 R2-1E(45) SPEED LIMIT 45
119 R6-1E(L) AWM ONE WAY
123 R6-1E(L) AWM ONE WAY
YIELD

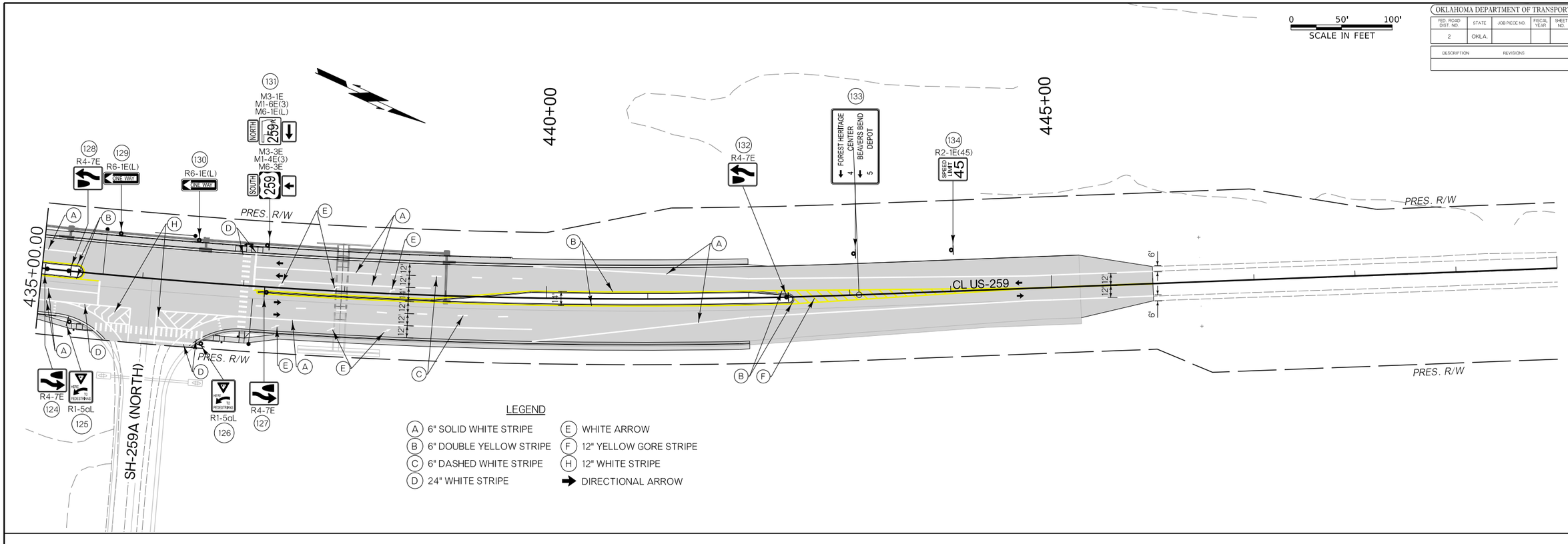
DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	XXXXX	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

TRAFFIC SIGNING AND STRIPING

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T039

7/8/2024



OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

DESIGN		
DRAWN		
CHECKED		
APPROVED		
SQUAD	XXXXX	

OKLAHOMA DEPARTMENT OF TRANSPORTATION
ROADWAY DESIGN DIVISION

TRAFFIC SIGNING AND STRIPING

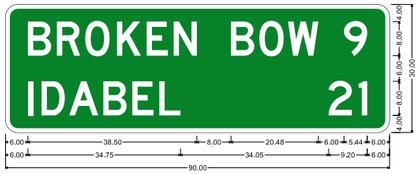
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T040

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

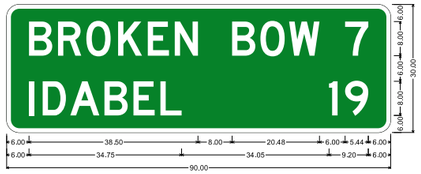
DESCRIPTION	REVISIONS	DATE

SIGN 113



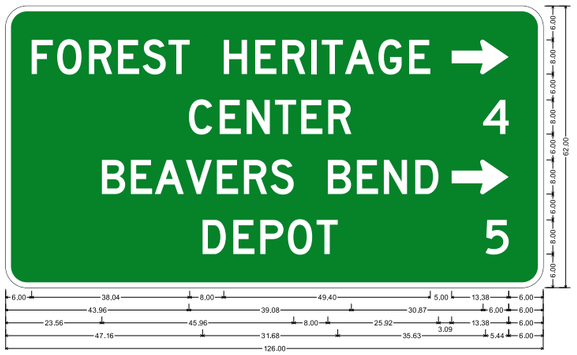
3.00" Radius, 1.00" Border, White on Green;
"BROKEN BOW", D 2K; "9", D 2K; "IDABEL", D 2K; "21", D 2K;

SIGN 3



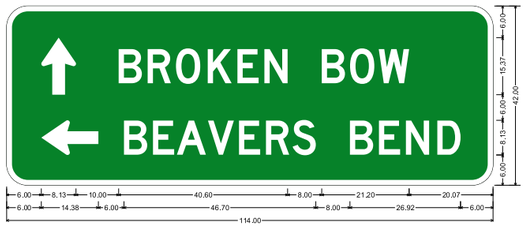
3.00" Radius, 1.00" Border, White on Green;
"BROKEN BOW", D 2K; "7", D 2K; "IDABEL", D 2K; "19", D 2K;

SIGN 4



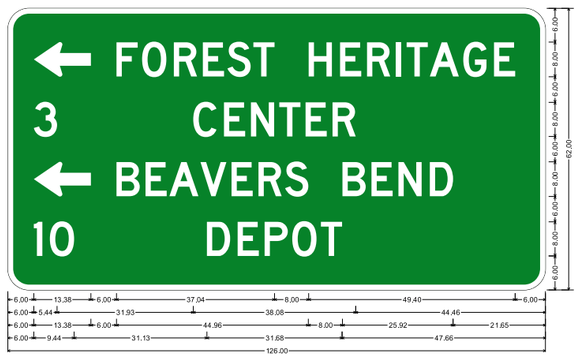
5.00" Radius, 1.25" Border, White on Green;
"FOREST HERITAGE", D 2K; Standard Arrow Custom 13.38" X 8.13" 0"; "CENTER", D 2K; "4", D 2K; "BEAVERS BEND", D 2K;
Standard Arrow Custom 13.38" X 8.13" 0"; "DEPOT", D 2K; "5", D 2K;

SIGN 11



5.00" Radius, 1.25" Border, White on Green;
Standard Arrow Custom 13.38" X 8.13" 90"; "BROKEN BOW", D 2K; Standard Arrow Custom 13.38" X 8.13" 180";
"BEAVERS BEND", D 2K;

SIGN 133



5.00" Radius, 1.25" Border, White on Green;
Standard Arrow Custom 13.38" X 8.13" 180"; "FOREST HERITAGE", D 2K; "3", D 2K; "CENTER", D 2K; Standard Arrow Custom 13.38" X 8.13" 180";
"BEAVERS BEND", D 2K; "10", D 2K; "DEPOT", D 2K;

SIGN 19



5.00" Radius, 1.25" Border, White on Green;
"HOCHATOWN", D 2K; "2", D 2K; "LAKEVIEW LODGE", D 2K; "3", D 2K; "CEDAR CREEK", D 2K; "GOLF COURSE", D 2K;
"10", D 2K;

DESIGN			OKLAHOMA DEPARTMENT OF TRANSPORTATION ROADWAY DESIGN DIVISION
DRAWN			
CHECKED			TRAFFIC SPECIAL SIGNS
APPROVED			
SQUAD	XXXXX		

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. T041

7/8/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

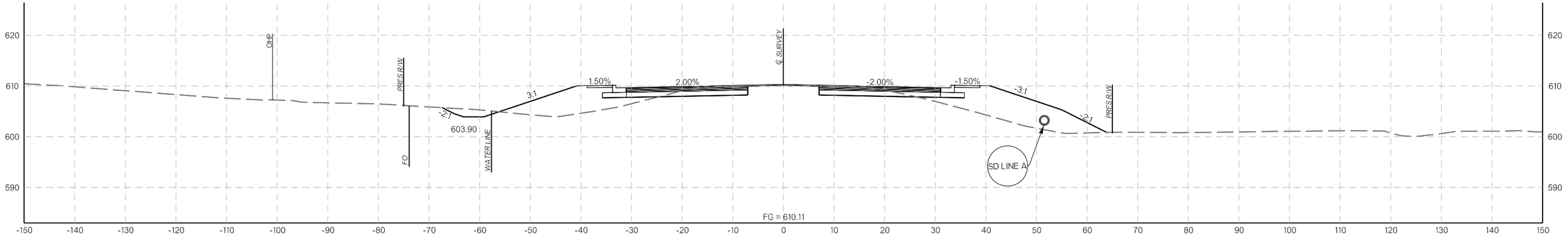
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

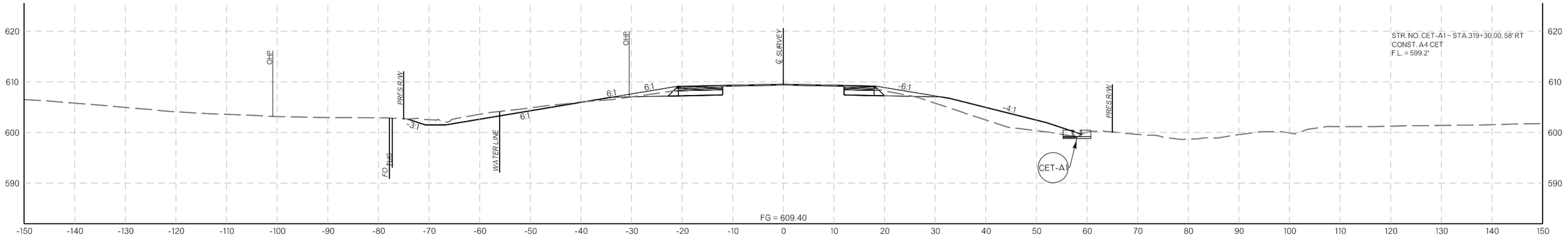
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

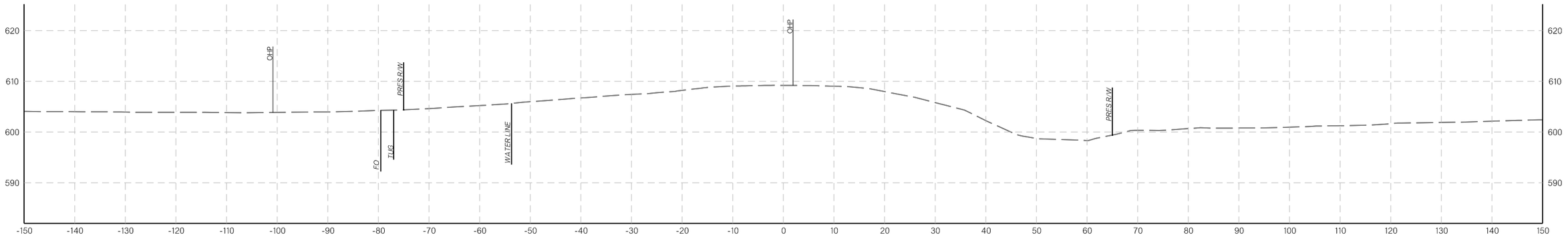
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



320+00.00



319+30.00



319+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X001

OKLAHOMA DEPARTMENT OF TRANSPORTATION

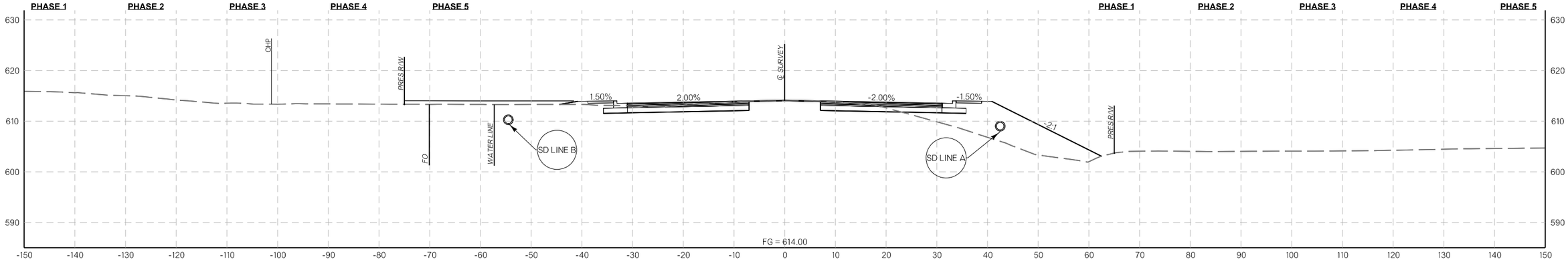
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

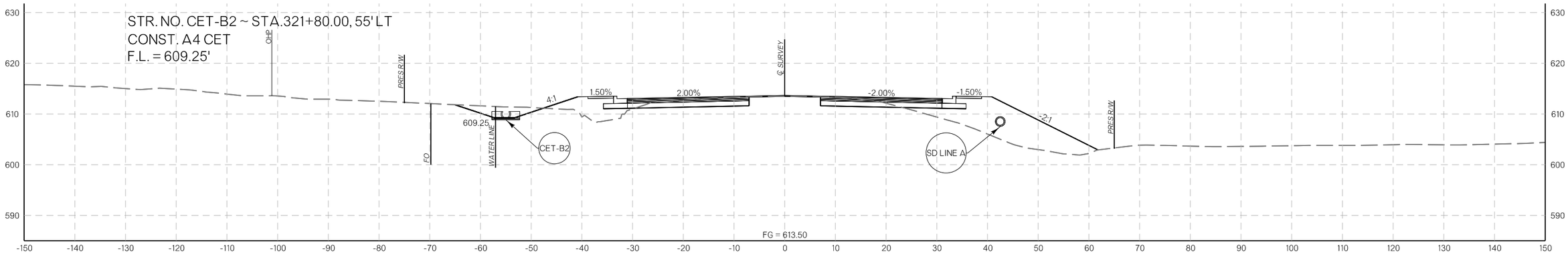
END AREAS (SF)

VOLUMES (CY)

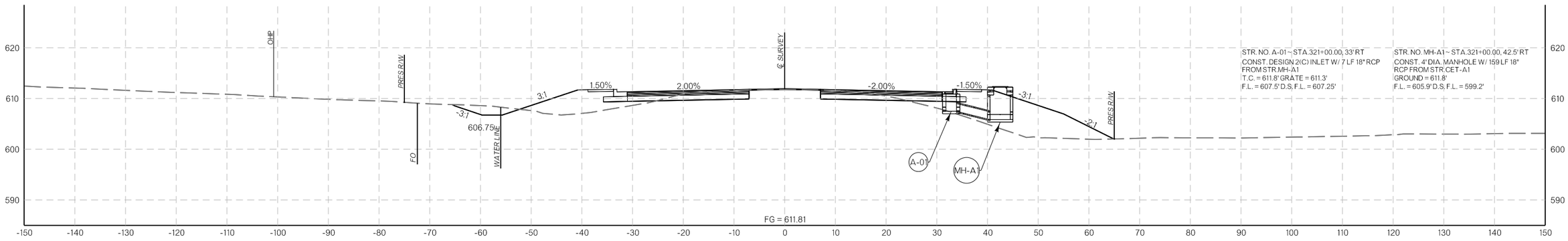
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



322+00.00



321+80.00



321+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X002

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

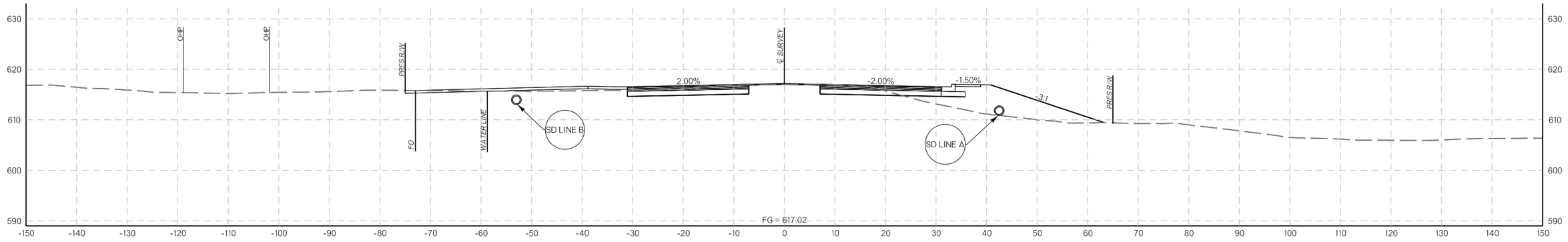
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

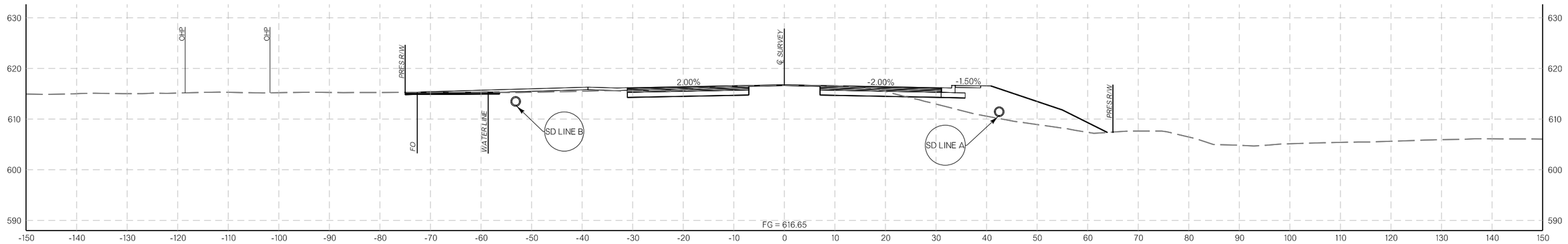
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

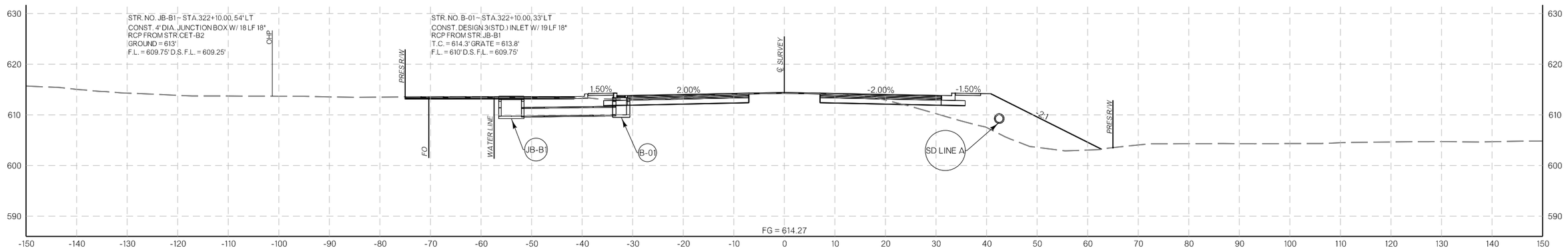
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



323+13.78



323+00.00



322+10.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X003

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

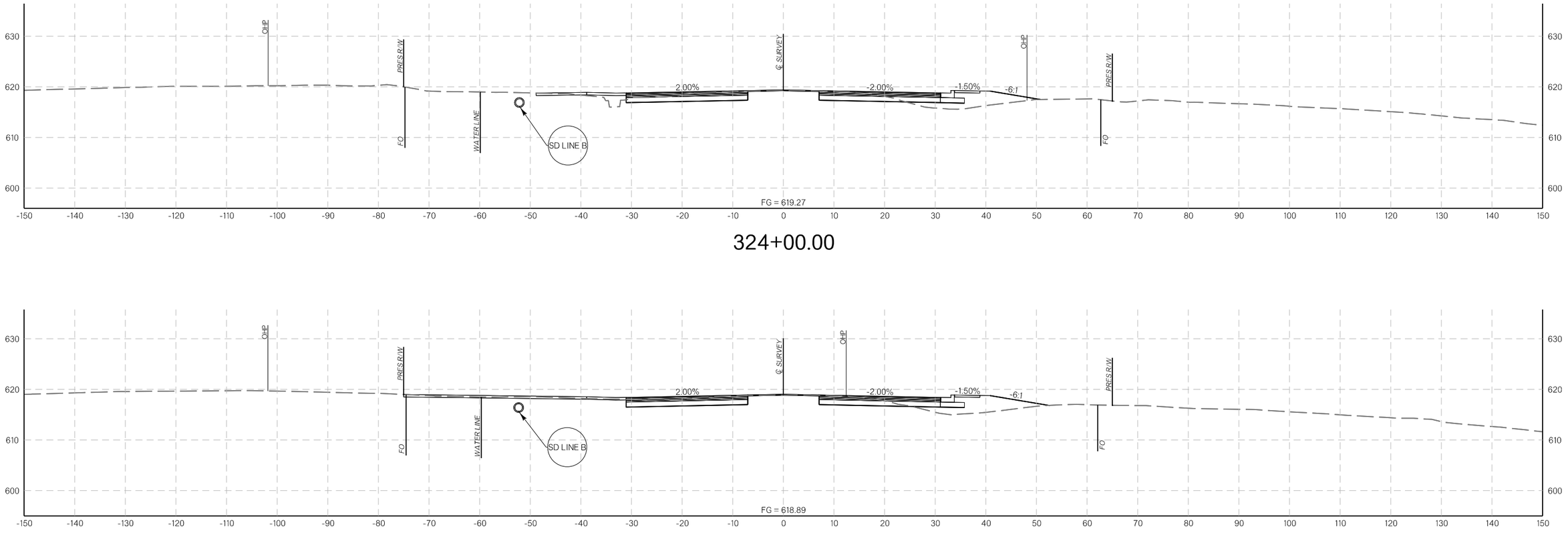
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

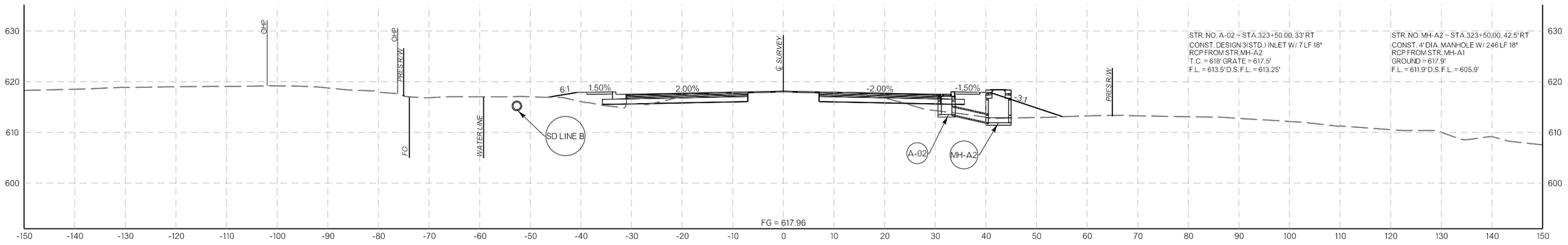
VOLUMES (CY)

PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



324+00.00

323+85.44



323+50.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X004

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

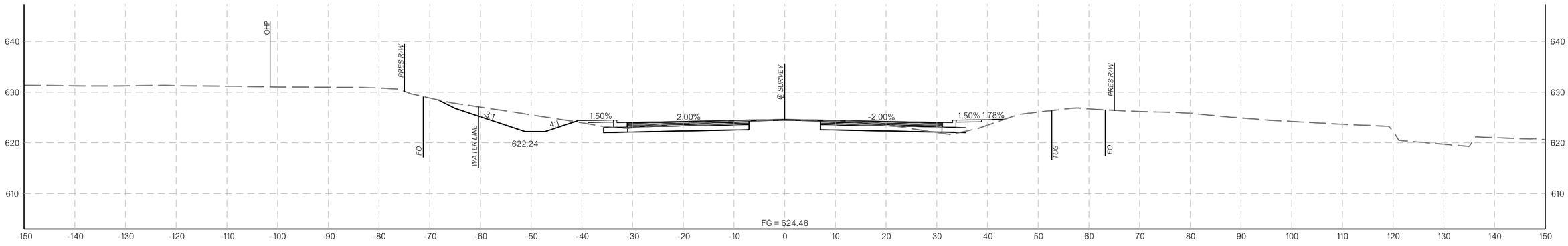
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

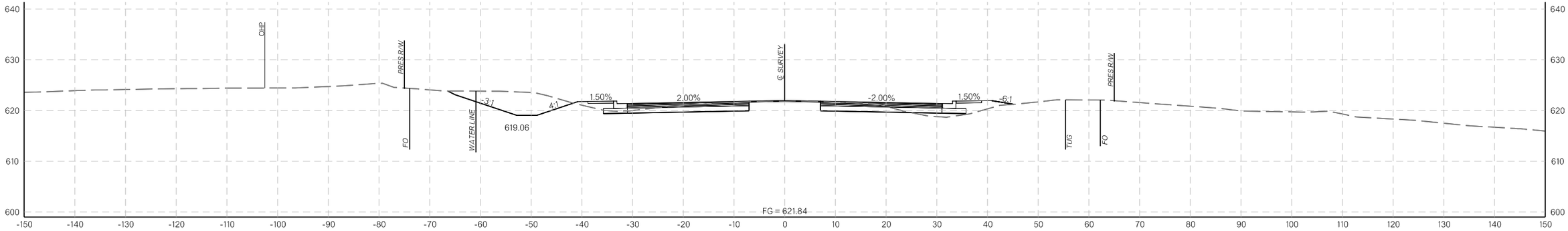
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5

VOLUMES (CY)

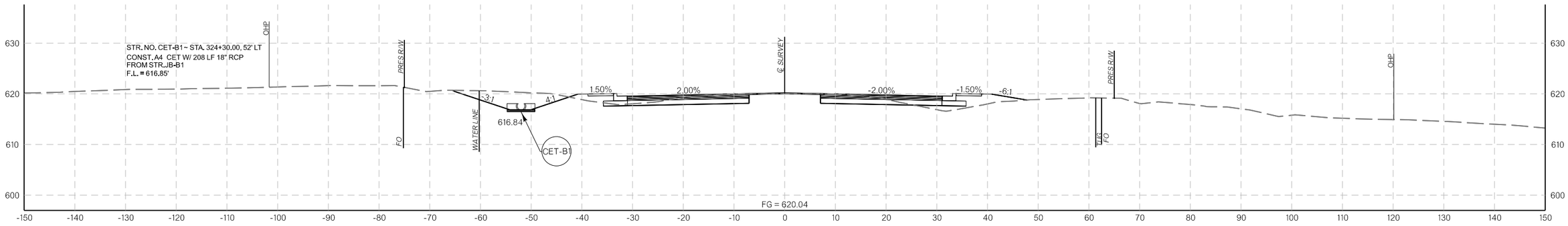
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5



326+00.00



325+00.00



324+30.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X005

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

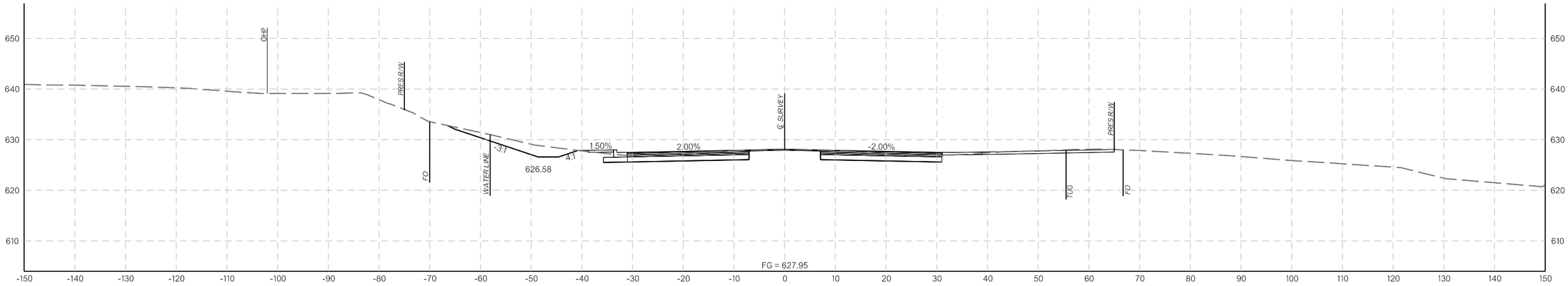
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

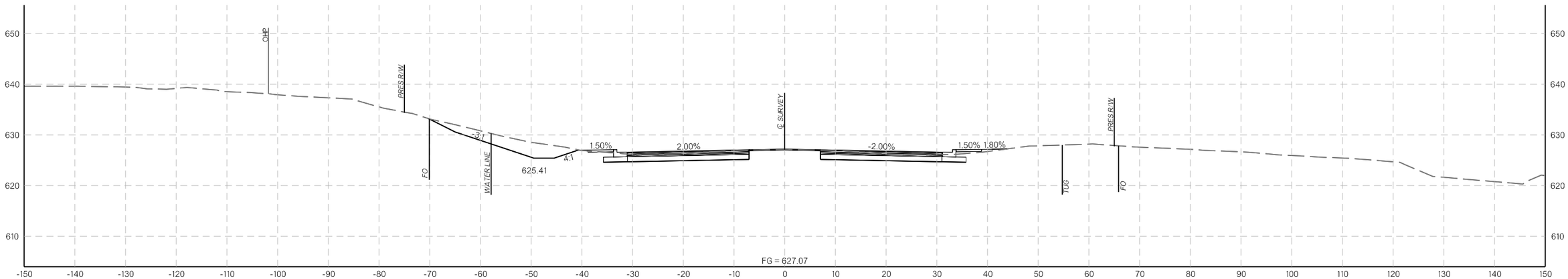
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



327+36.77



327+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X006

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

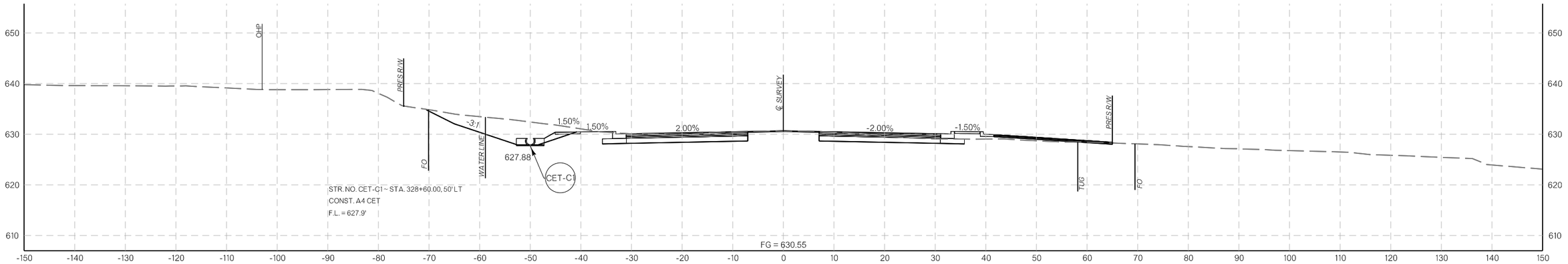
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

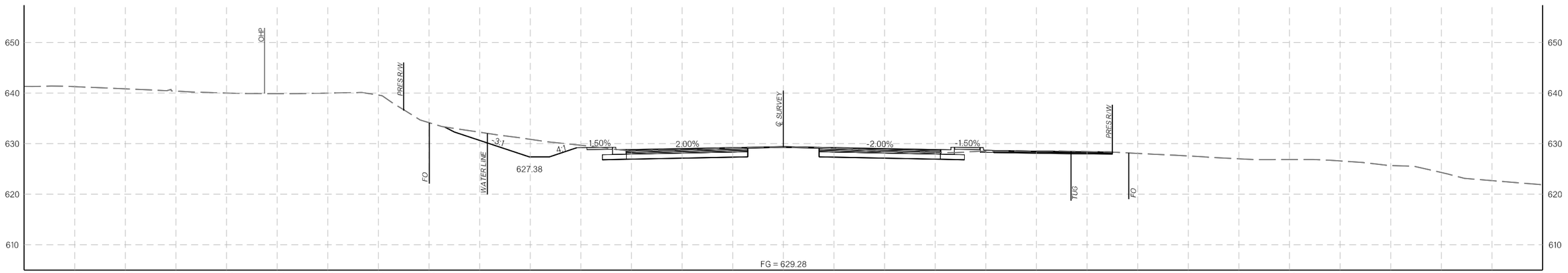
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



328+65.00



328+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X007

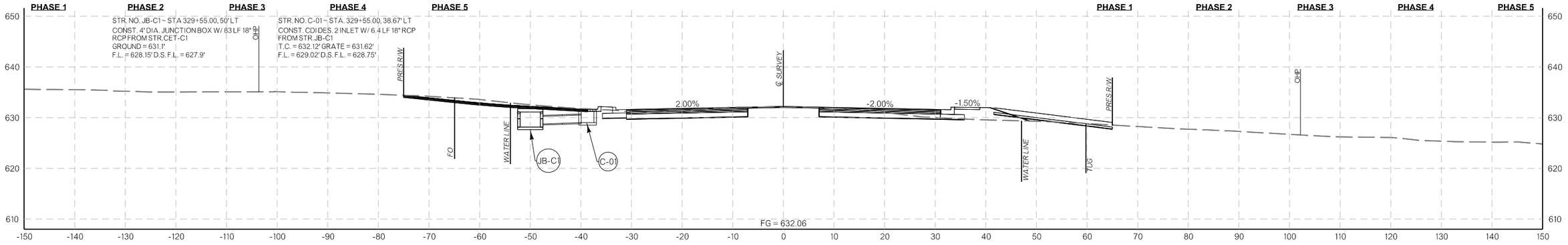
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

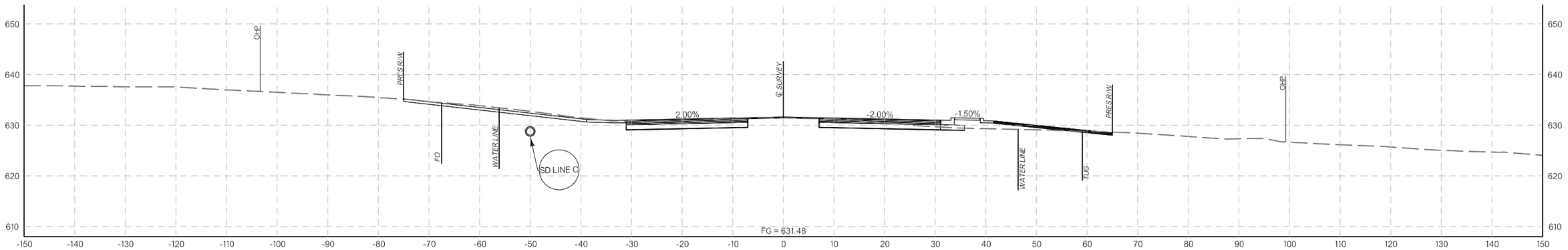
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

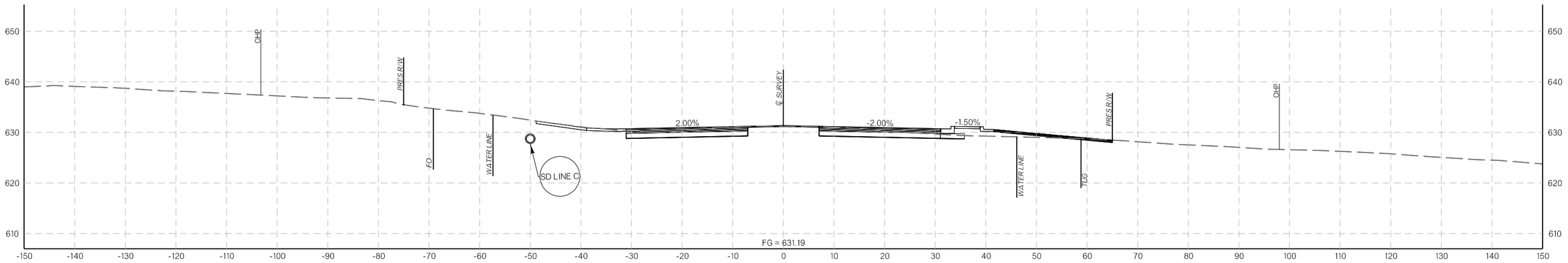
VOLUMES (CY)



329+55.00



329+16.57



329+00.00

7/9/2024

CROSS SECTIONS

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

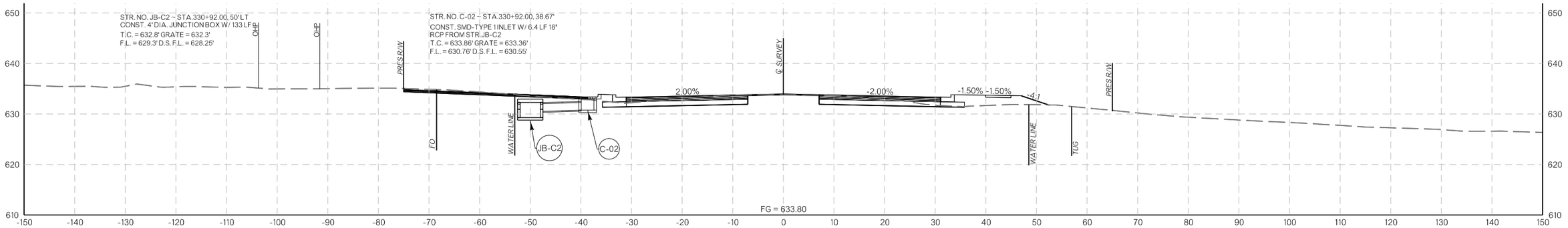
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

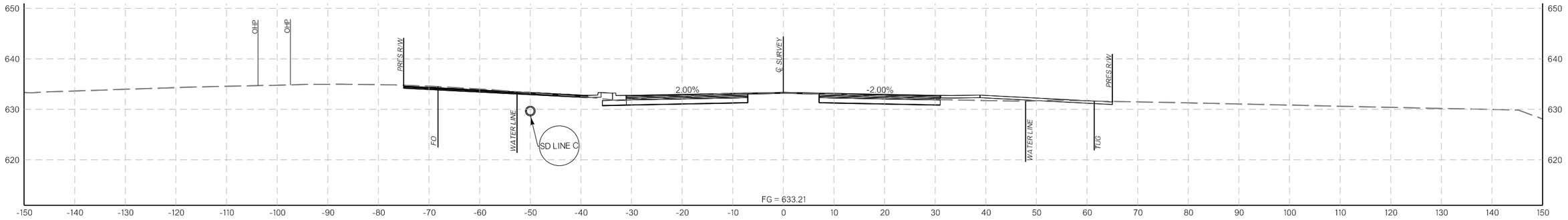
PHASE 1 **PHASE 2** **PHASE 3** **PHASE 4** **PHASE 5**

VOLUMES (CY)

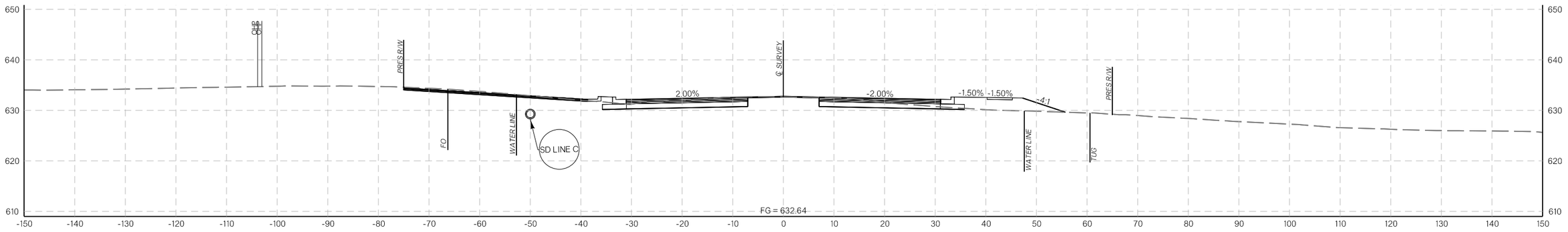
PHASE 1 **PHASE 2** **PHASE 3** **PHASE 4** **PHASE 5**



330+92.00



330+45.29



330+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X009

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

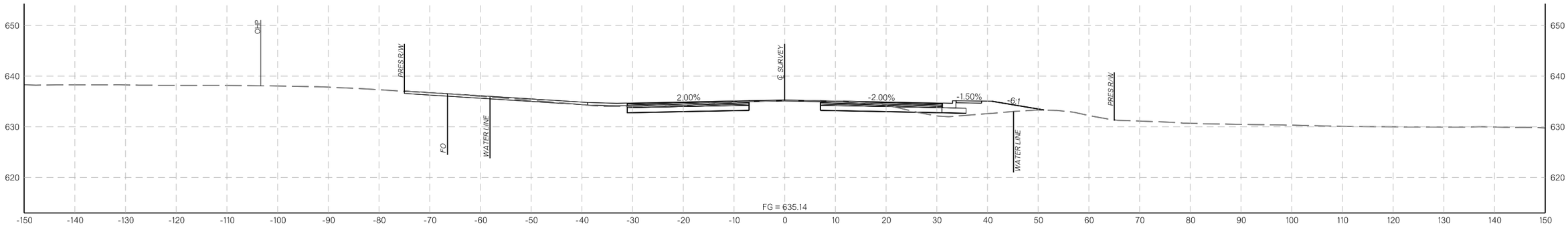
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

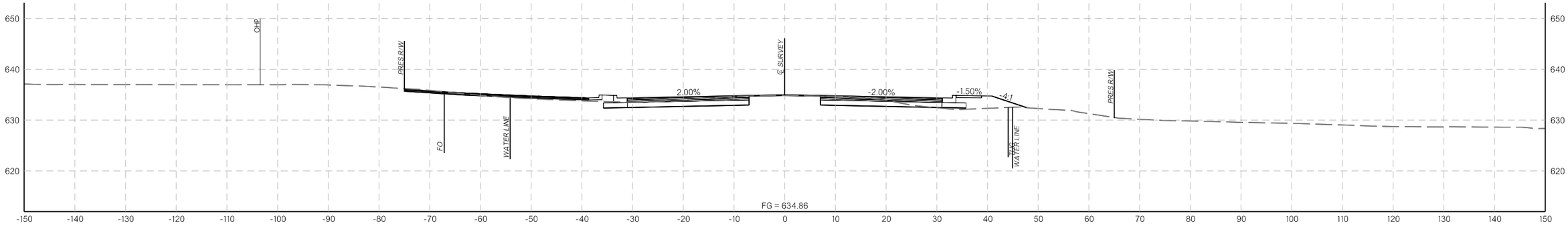
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

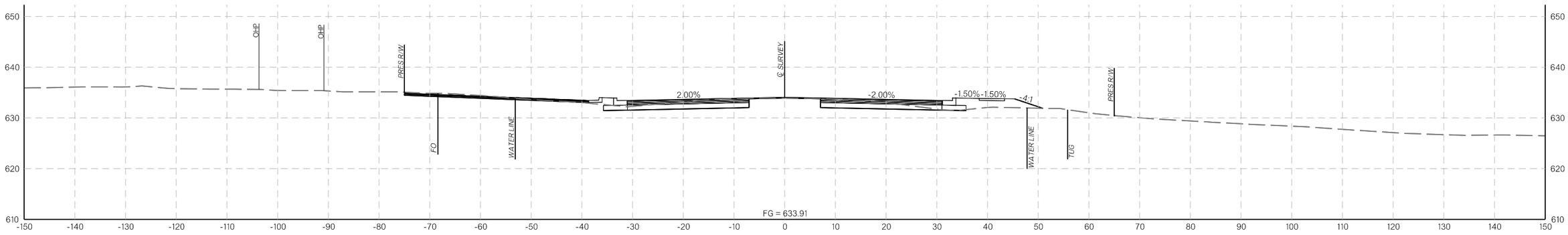
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



332+43.43



332+00.00



331+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X010

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

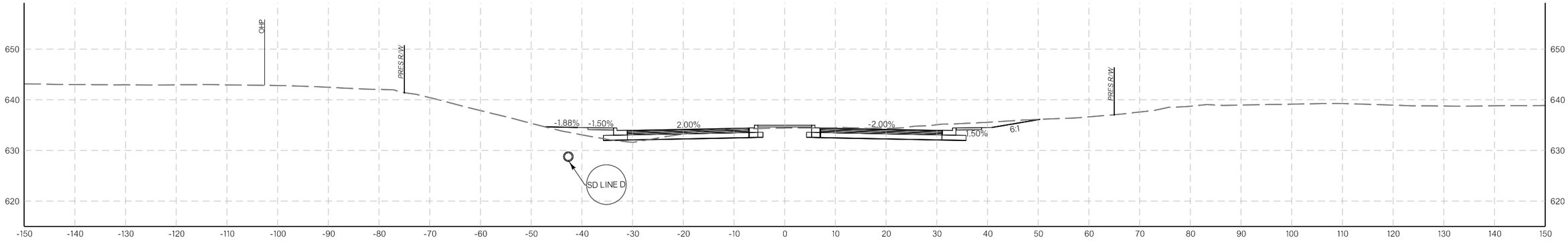
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

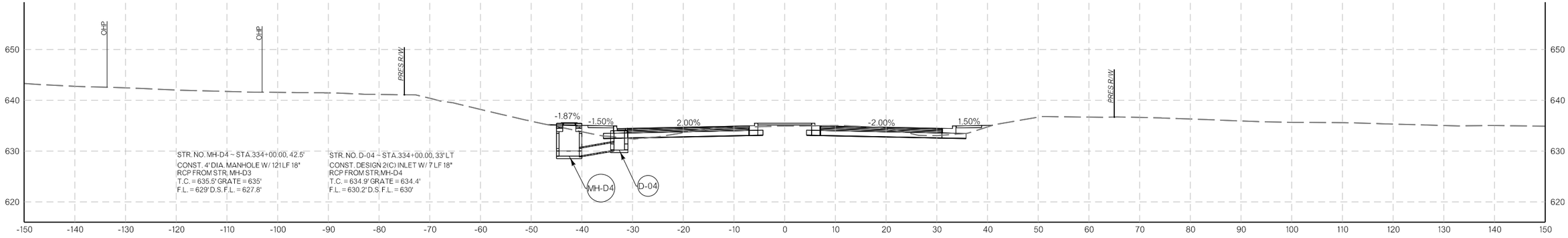
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

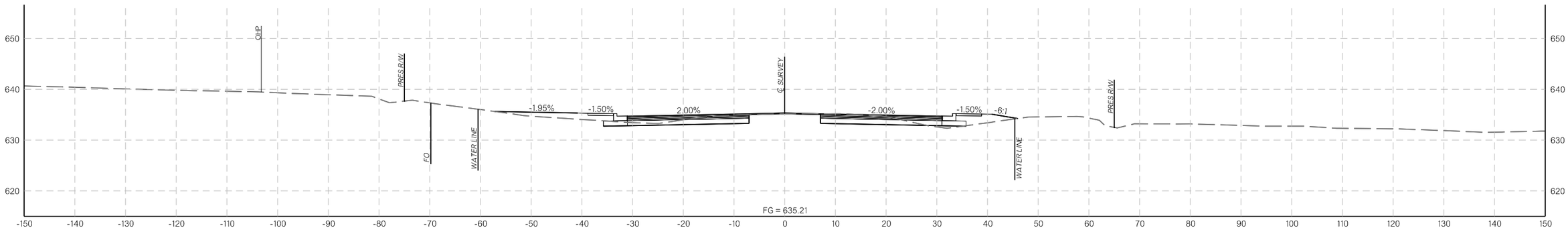
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



335+00.00



334+00.00



333+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X011

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

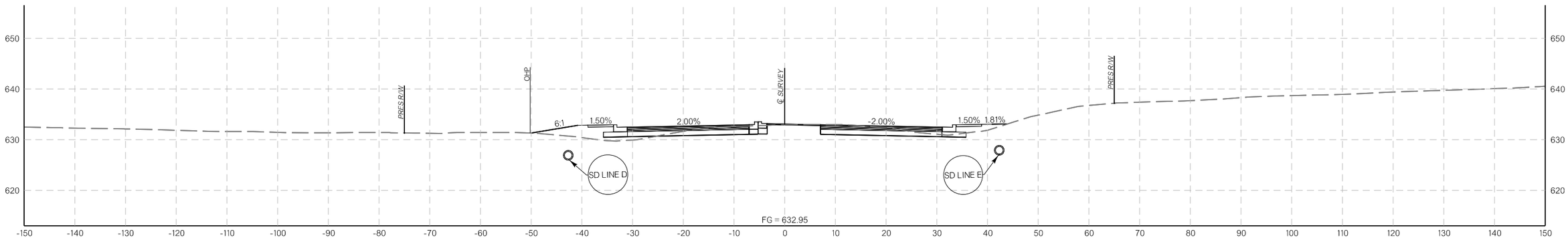
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

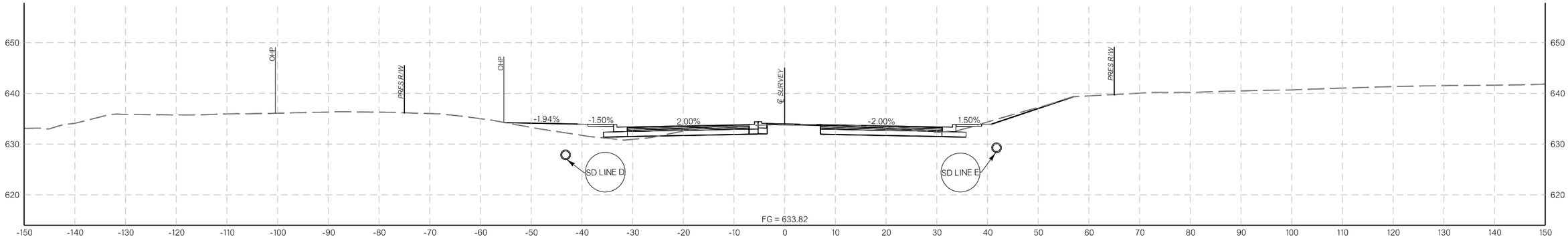
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

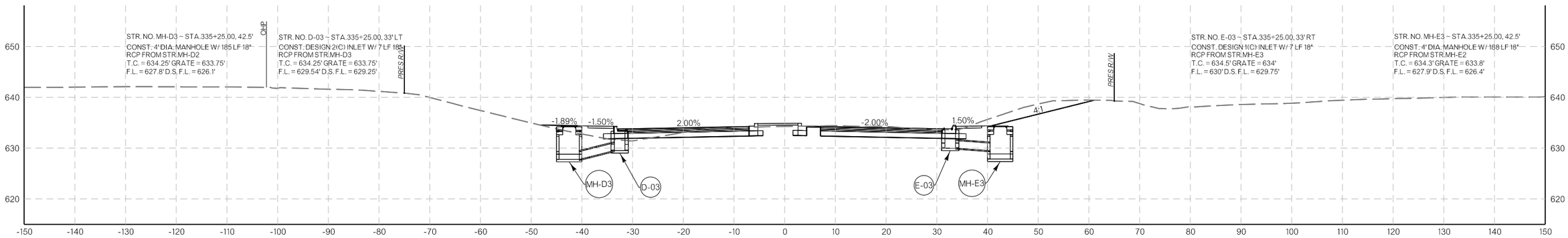
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



337+00.00



336+00.00



335+25.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X012

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

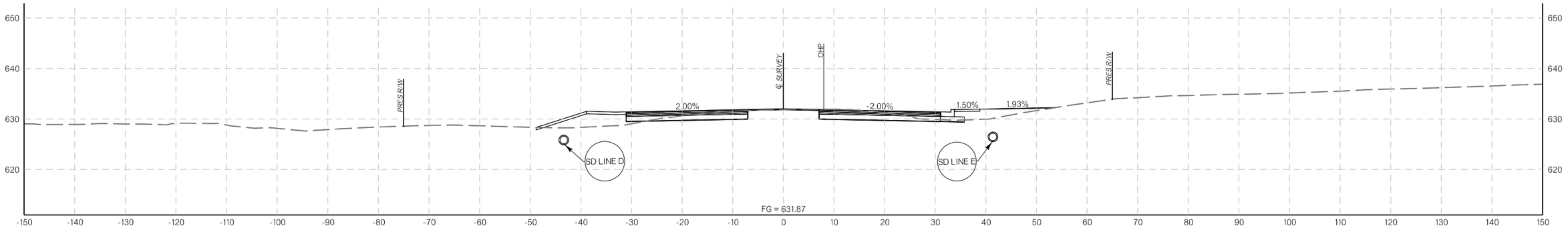
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

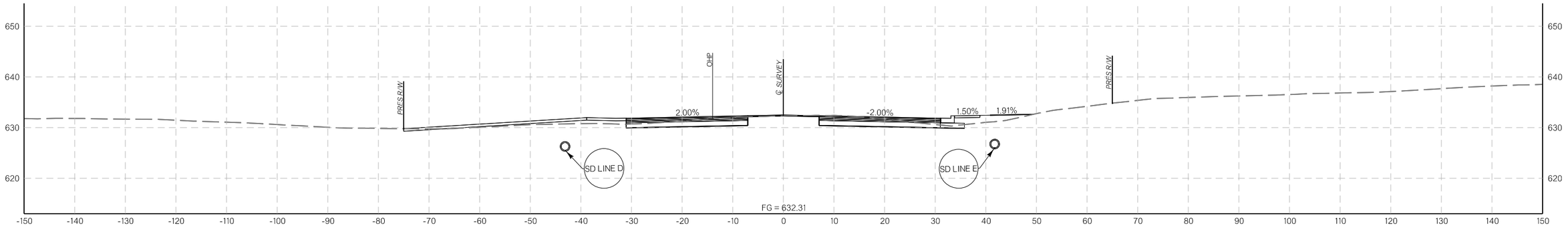
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

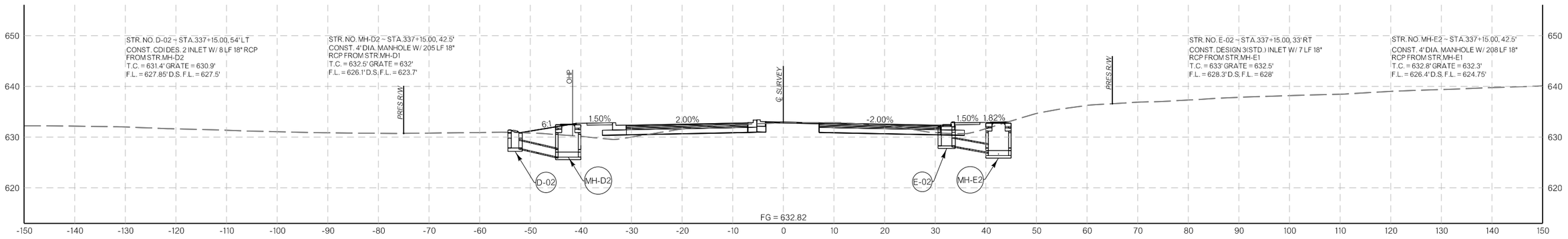
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



338+00.00



337+62.84



337+15.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X013

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

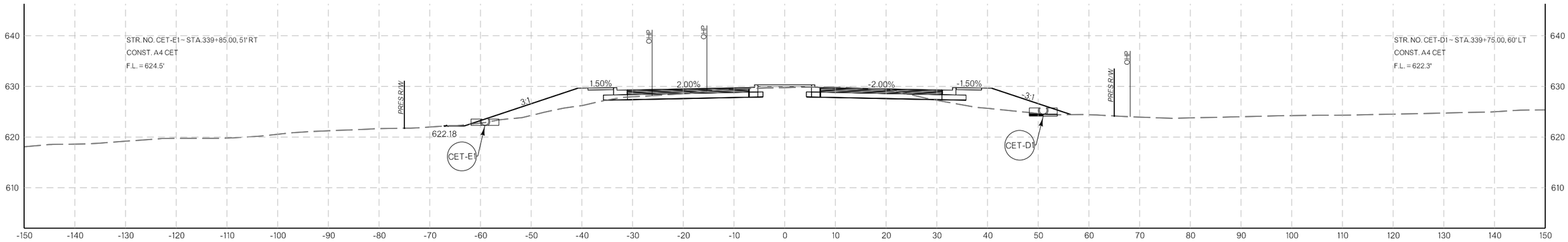
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

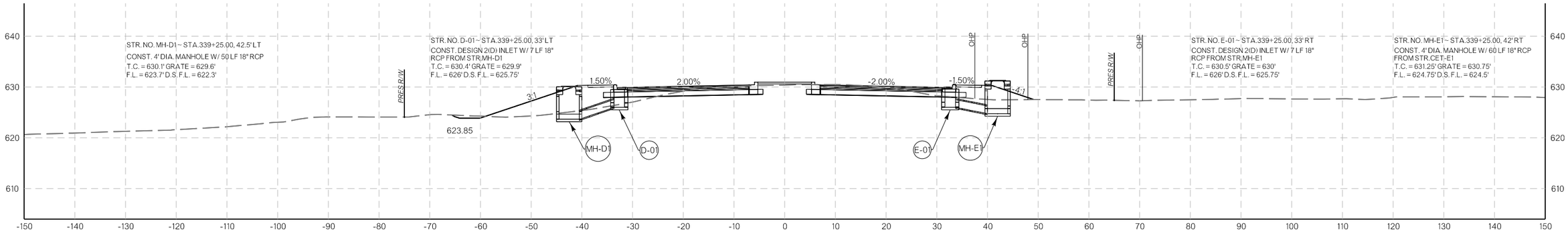
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5

VOLUMES (CY)

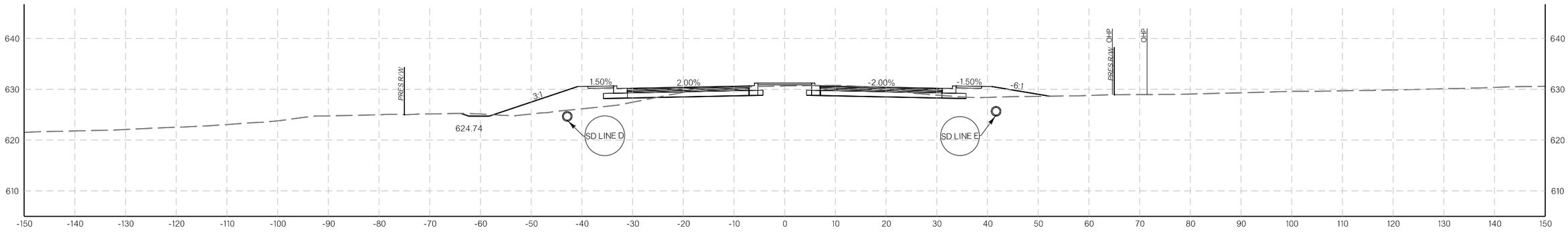
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5



339+85.00



339+25.00



339+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X014

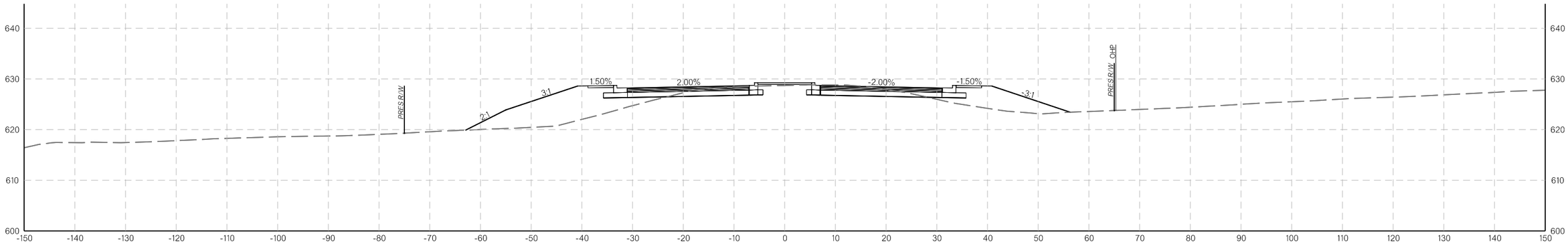
OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

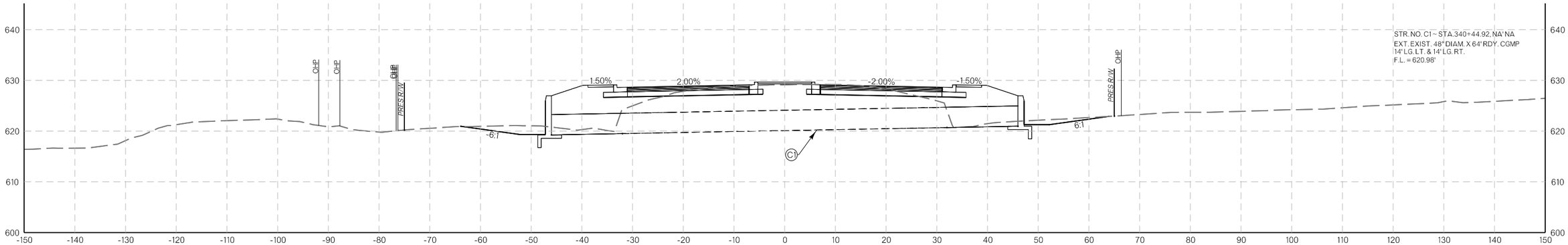
END AREAS (SF)

VOLUMES (CY)

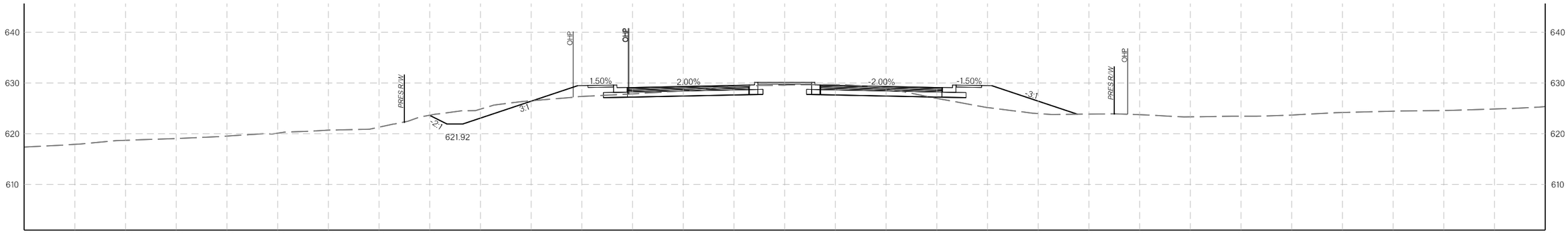
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5 PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



341+00.00



340+44.97



340+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X015

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

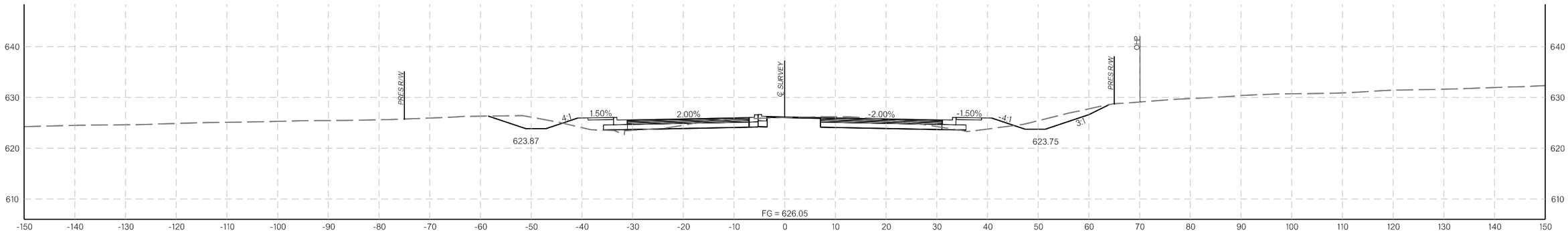
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

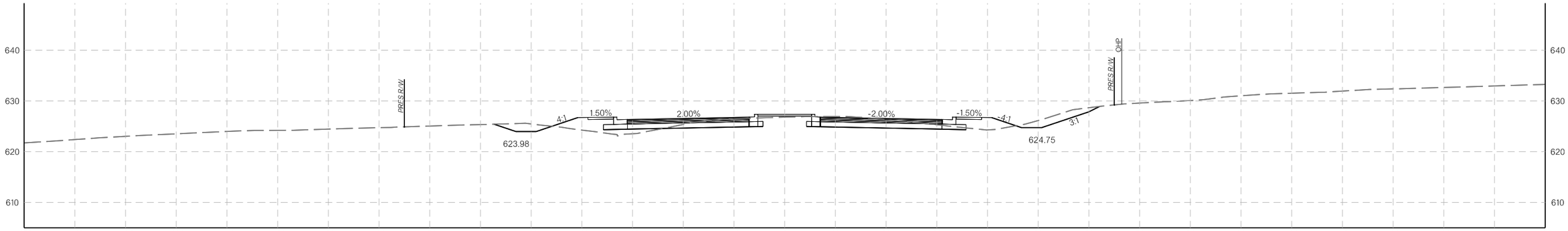
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

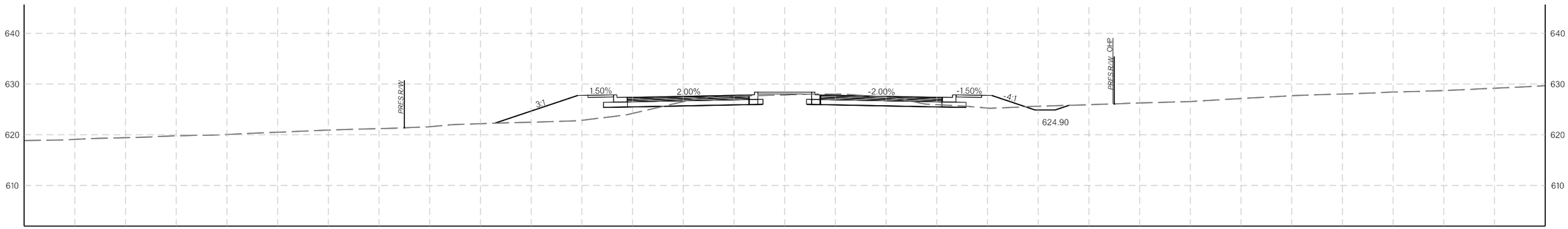
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



344+00.00



343+00.00



342+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X016

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

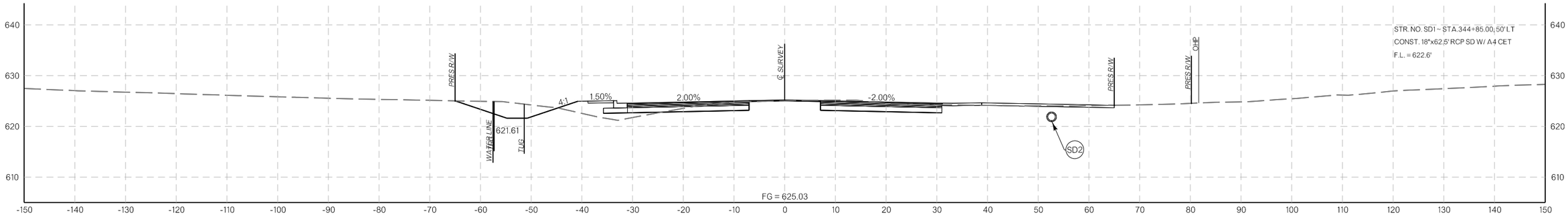
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

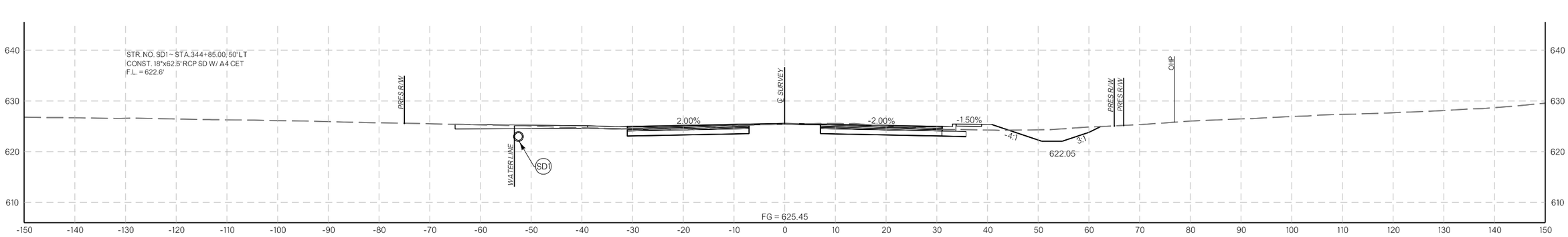
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

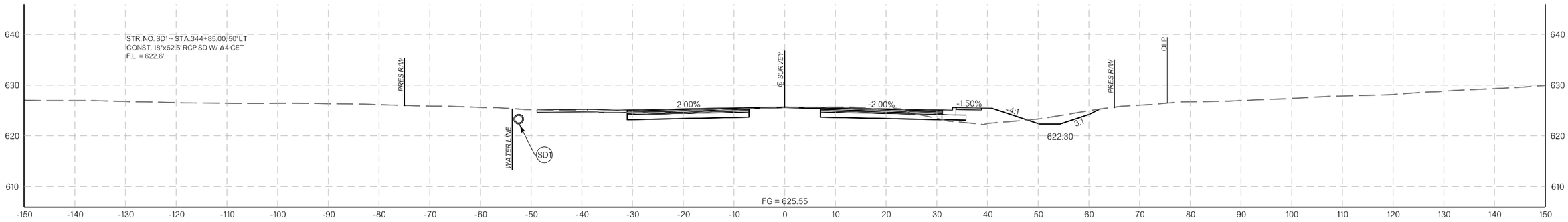
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



345+88.83



345+21.85



345+00.00

CROSS SECTIONS

7/9/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

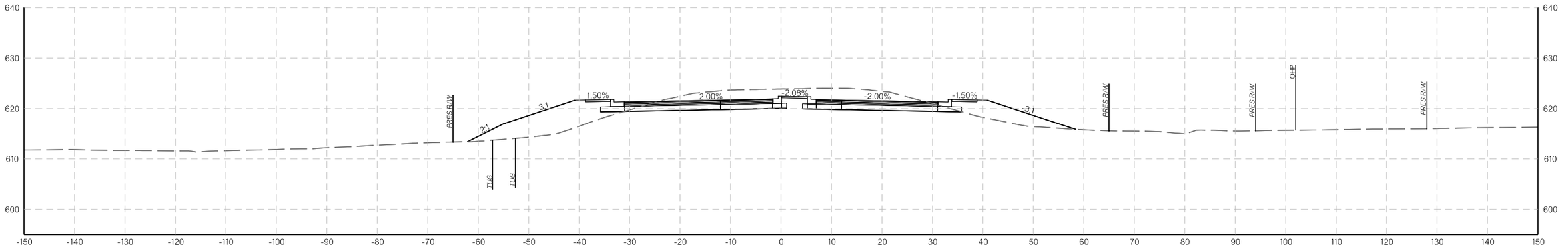
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

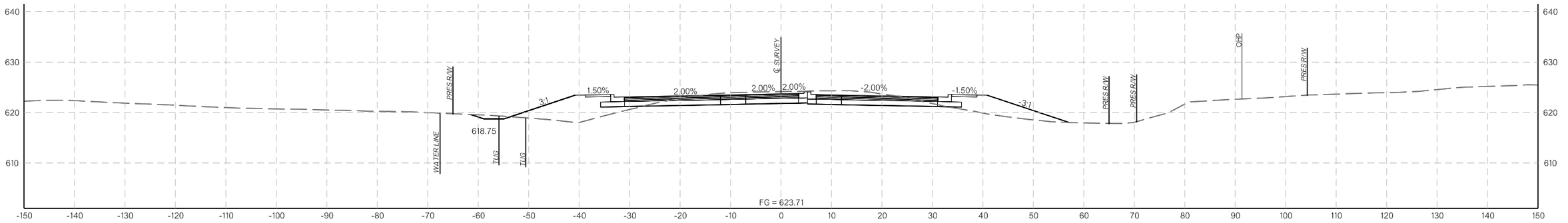
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

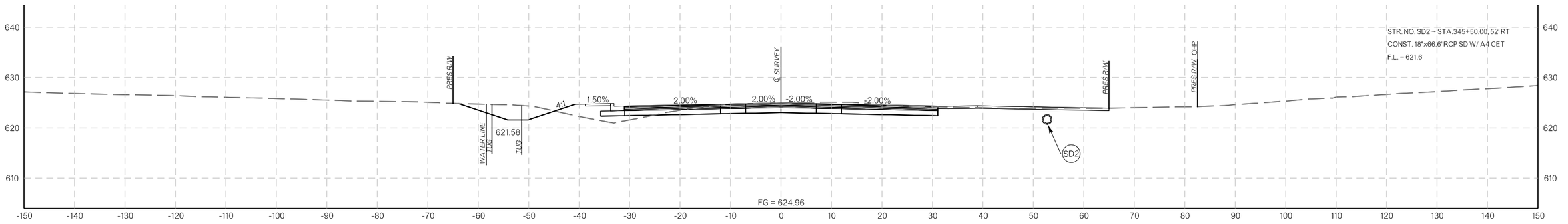
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



348+00.00



347+00.00



346+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X018

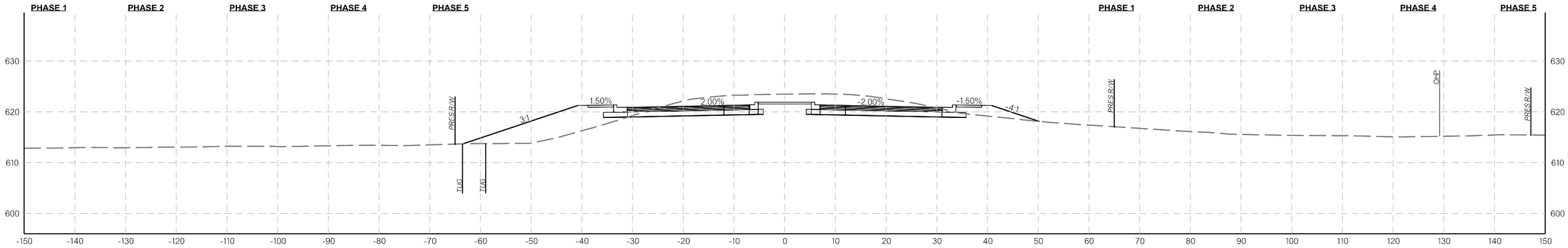
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

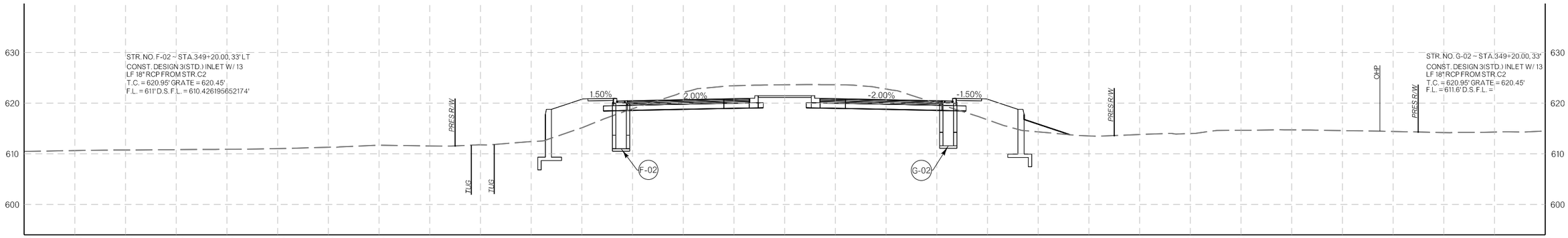
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

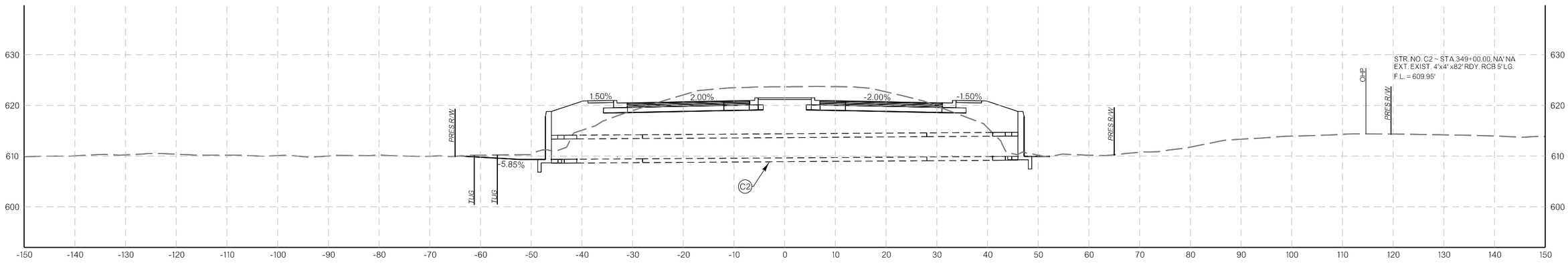
VOLUMES (CY)



350+00.00



349+20.00



349+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X019

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

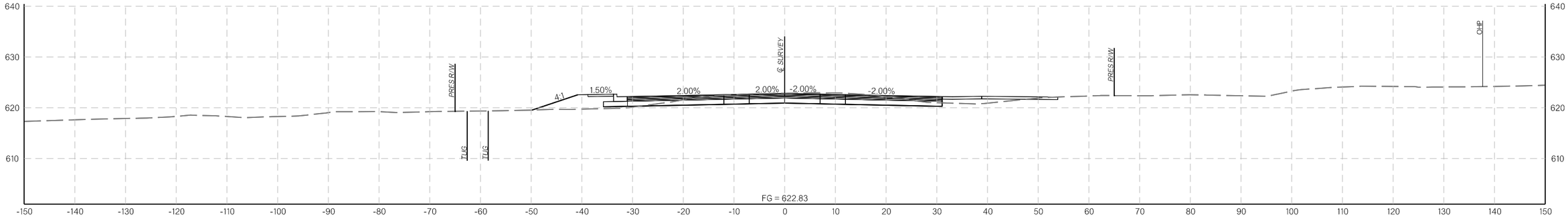
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

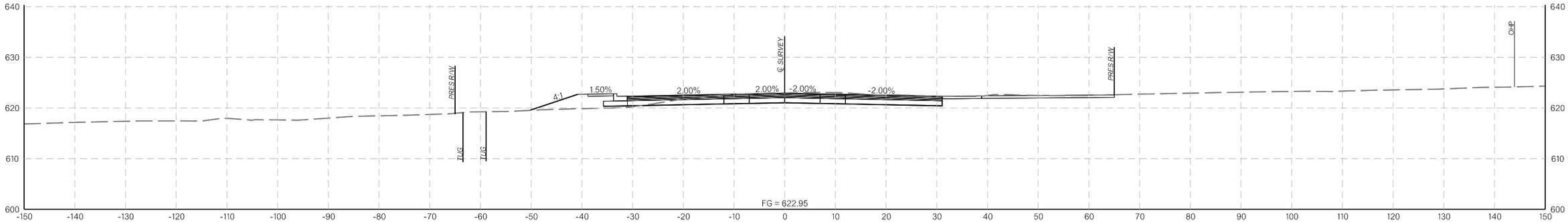
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

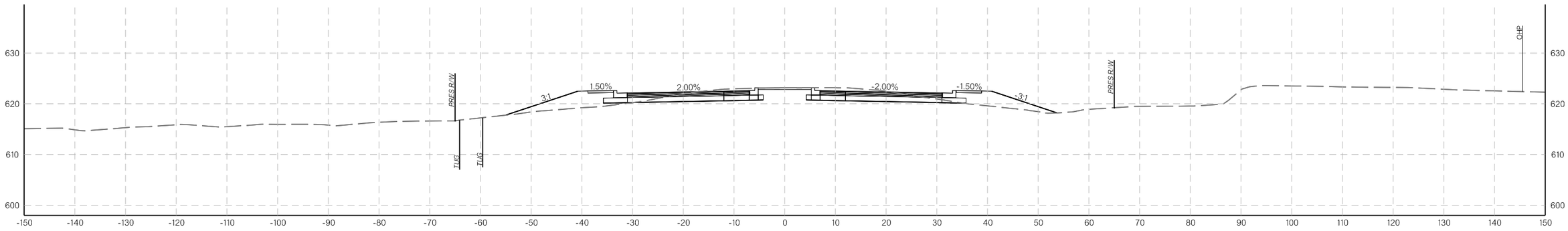
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



352+00.00



351+73.29



351+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X020

OKLAHOMA DEPARTMENT OF TRANSPORTATION

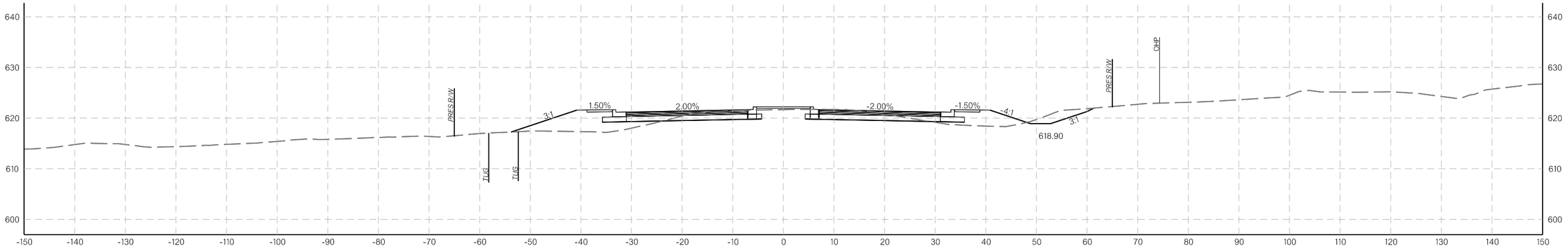
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

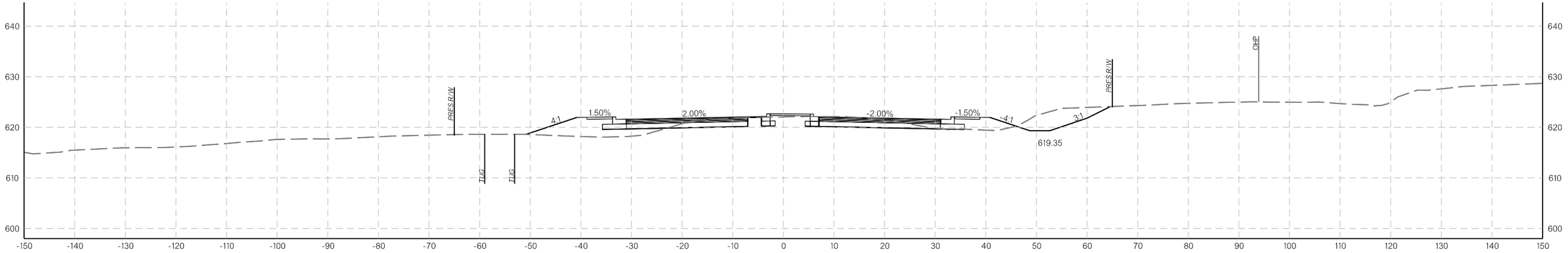
END AREAS (SF)

VOLUMES (CY)

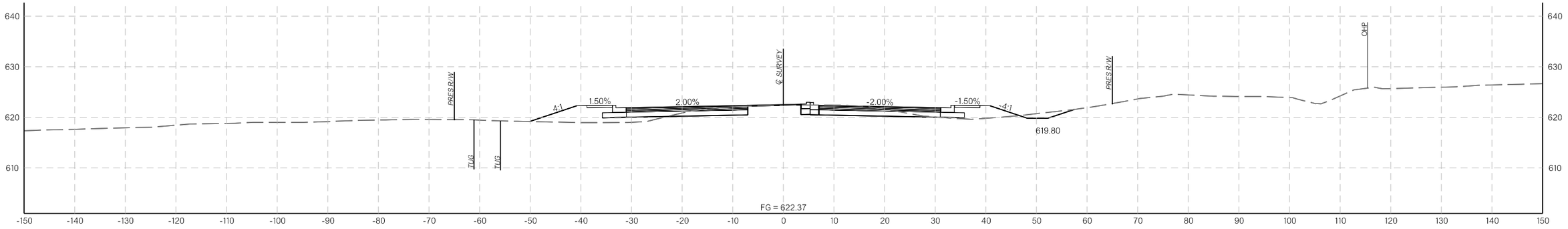
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5 PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



355+00.00



354+00.00



353+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X021

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

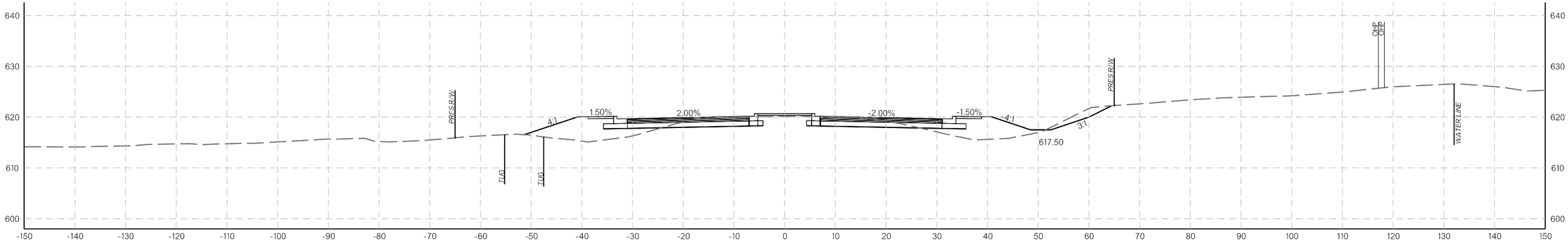
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

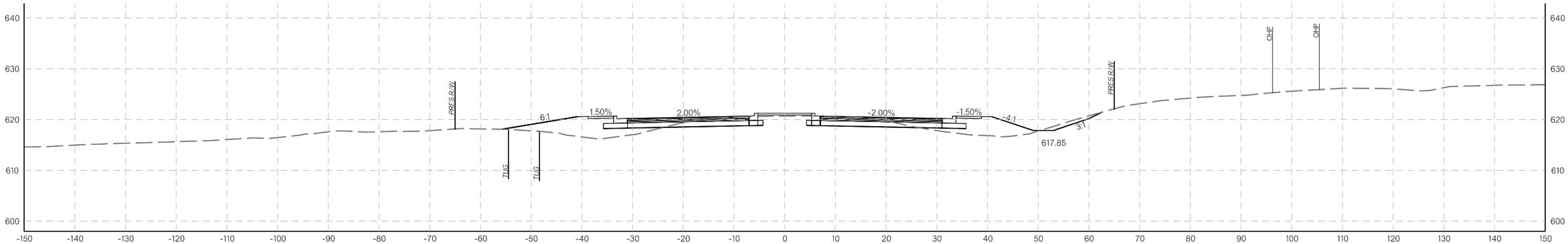
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

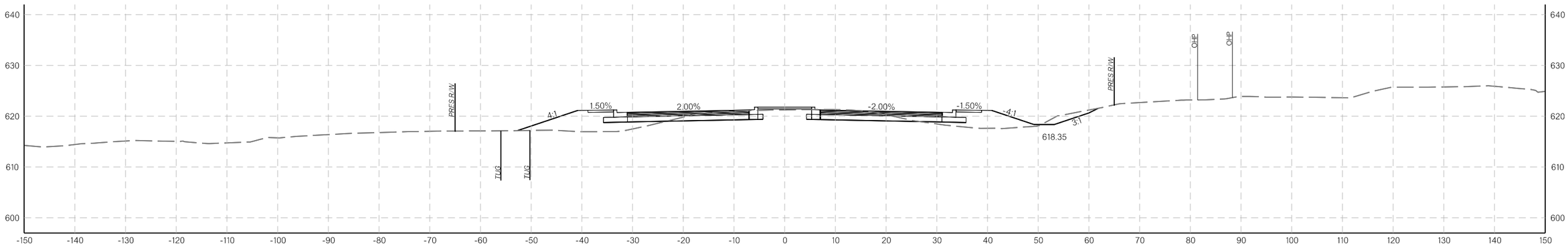
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



358+00.00



357+00.00



356+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X022

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

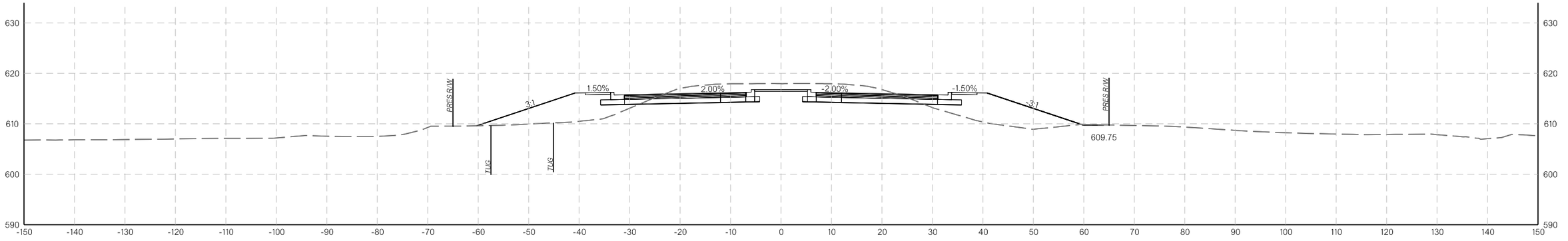
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

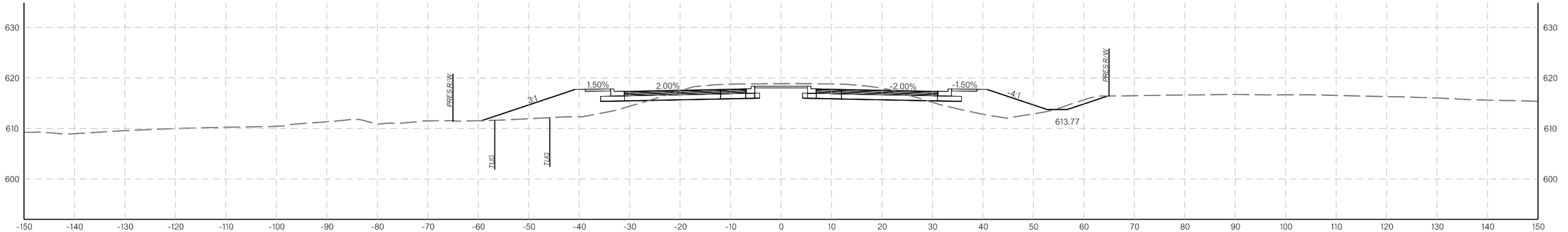
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

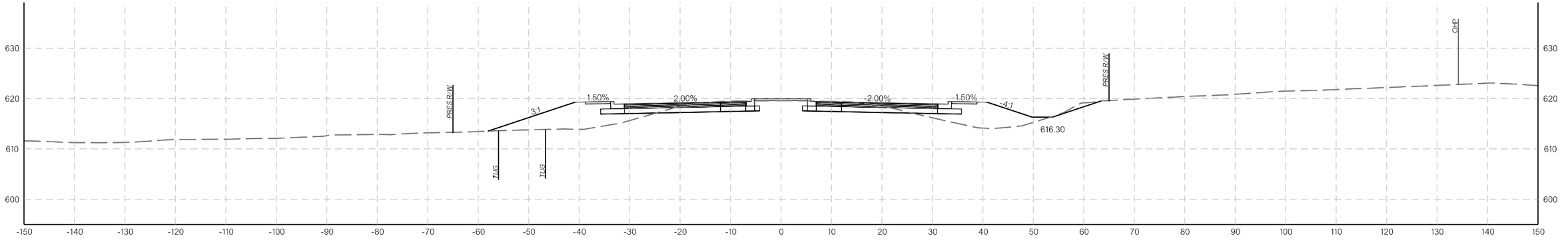
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



361+00.00



360+00.00



359+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X023

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

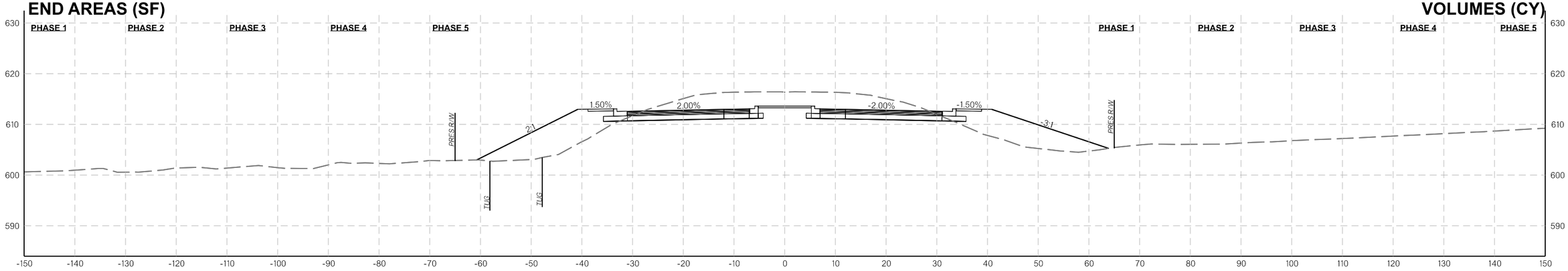
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

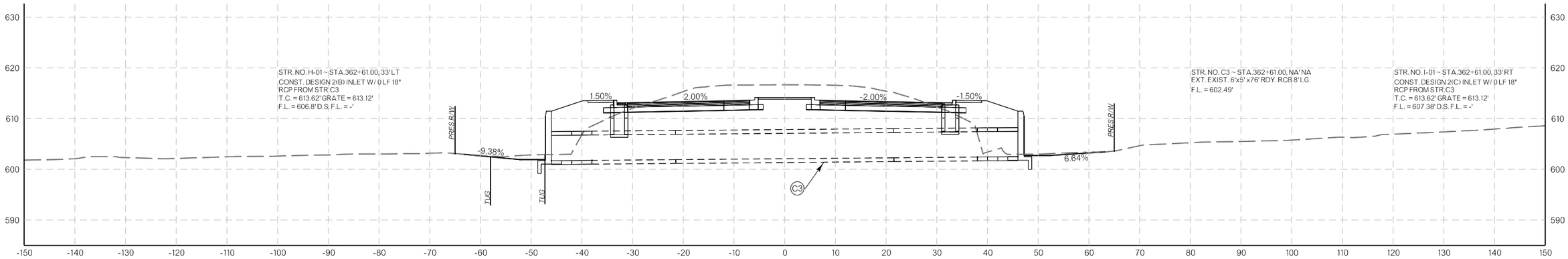
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

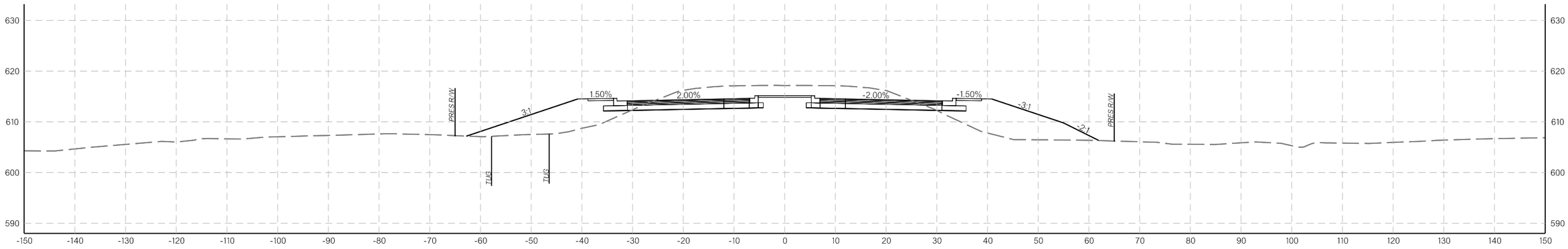
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



363+00.00



362+61.04



362+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X024

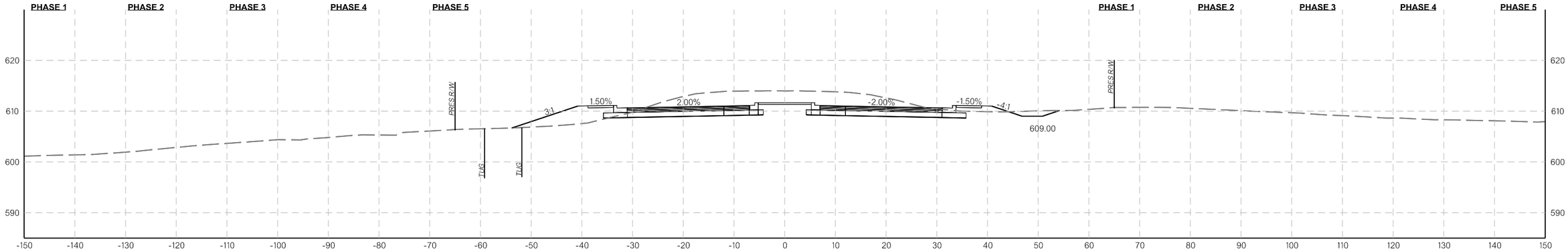
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

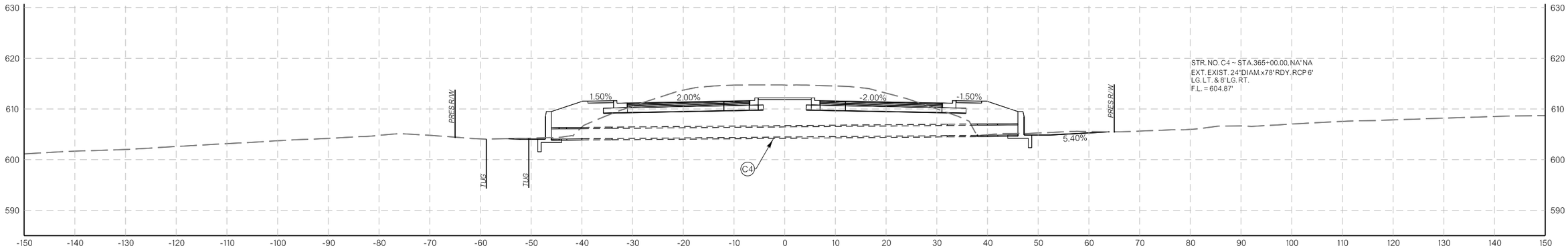
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

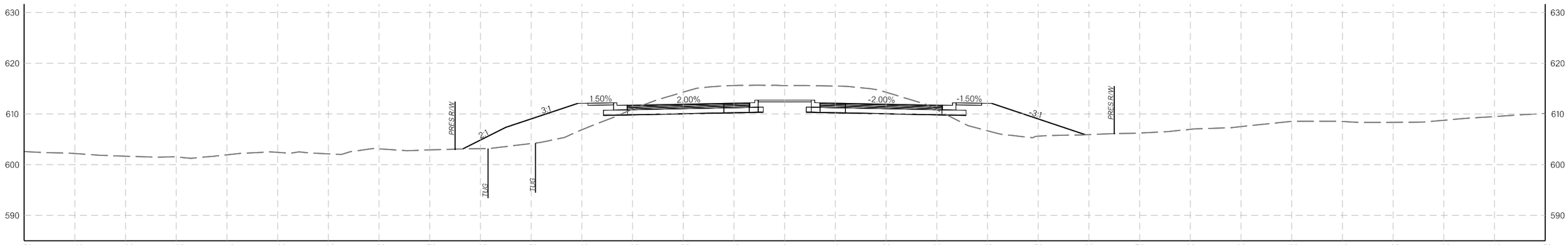
VOLUMES (CY)



366+00.00



365+00.00



364+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X025

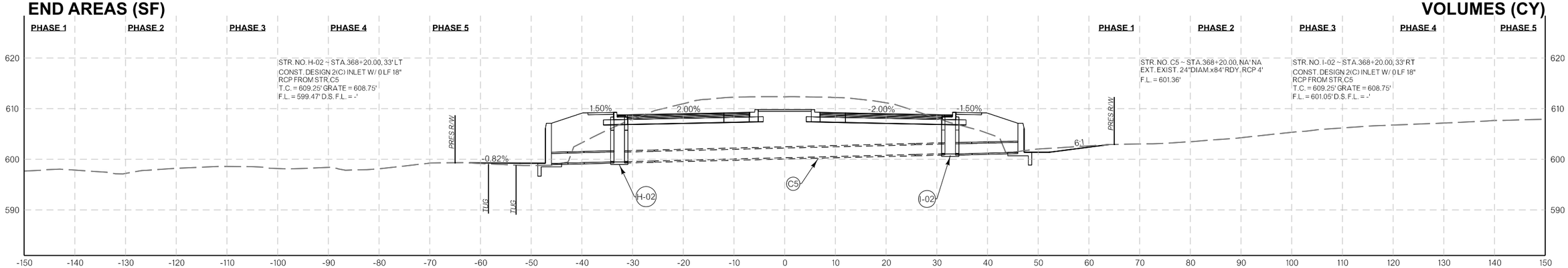
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

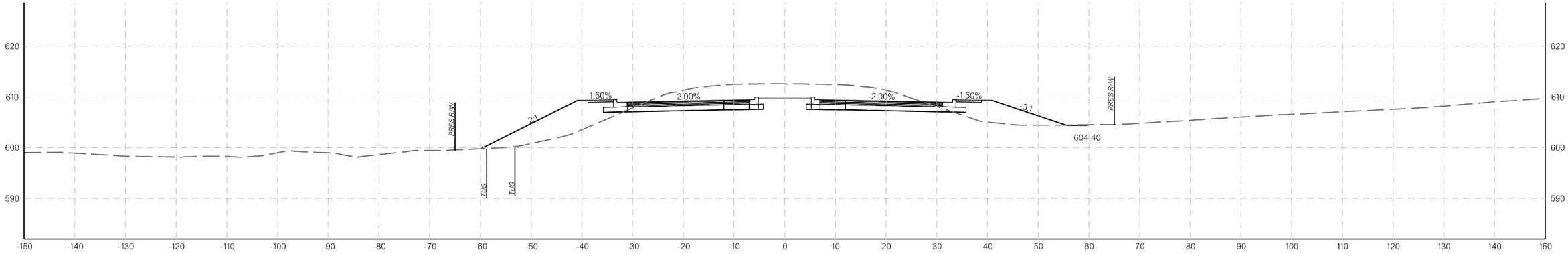
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

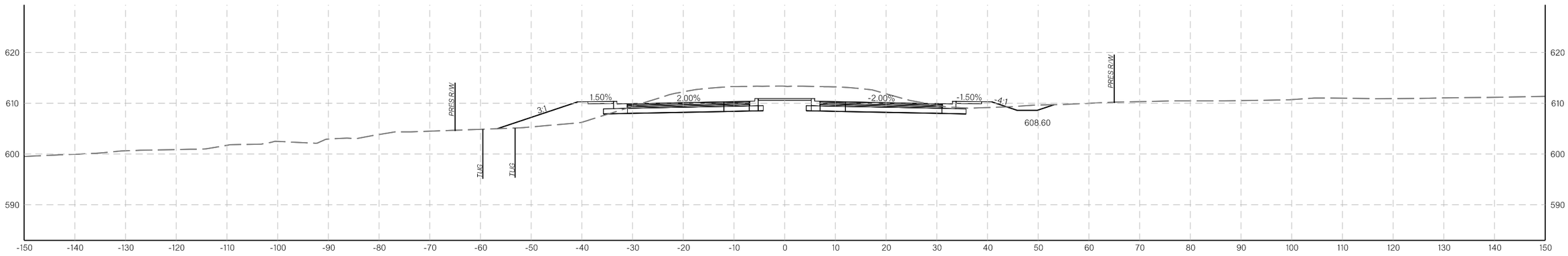
VOLUMES (CY)



368+20.15



368+00.00



367+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X026

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

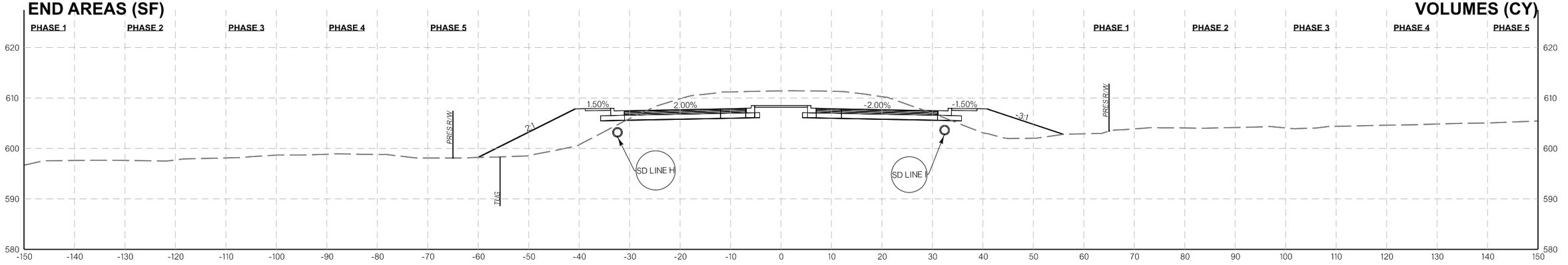
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

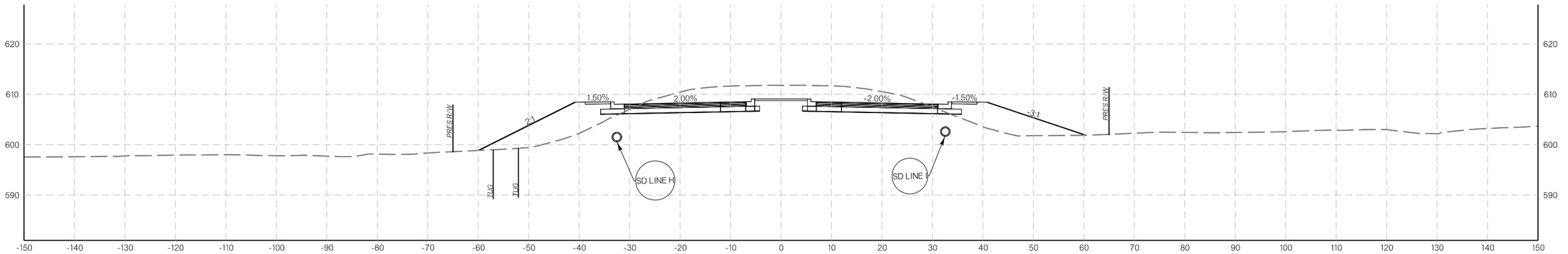
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

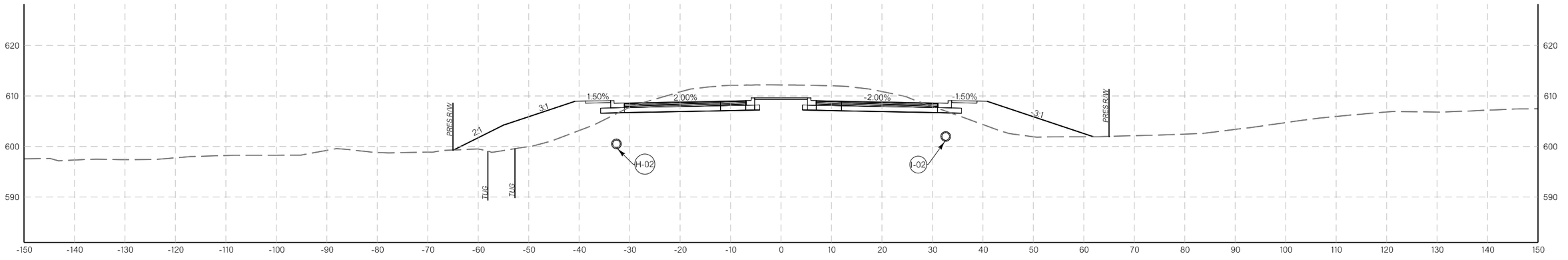
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



370+00.00



369+00.00



368+40.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X027

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

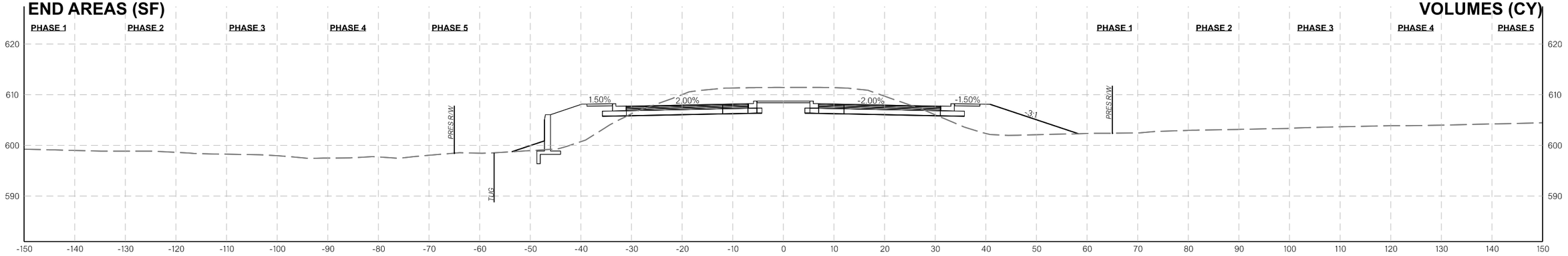
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

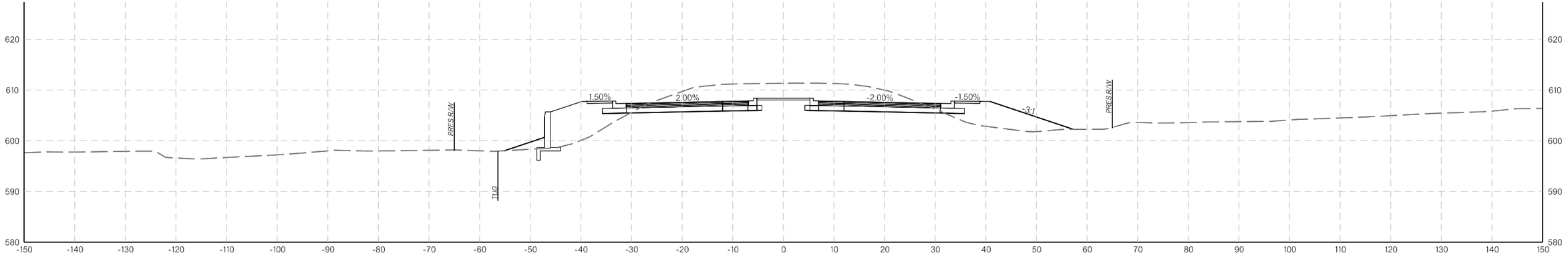
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

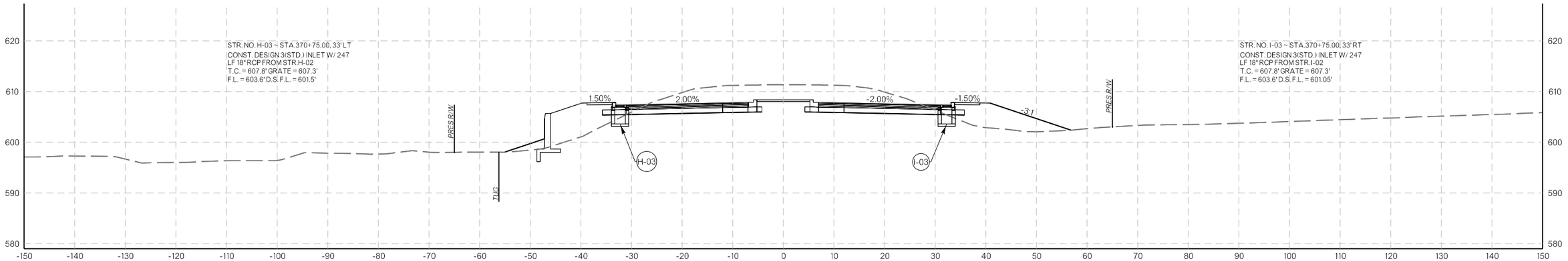
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



372+00.00



371+00.00



370+75.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X028

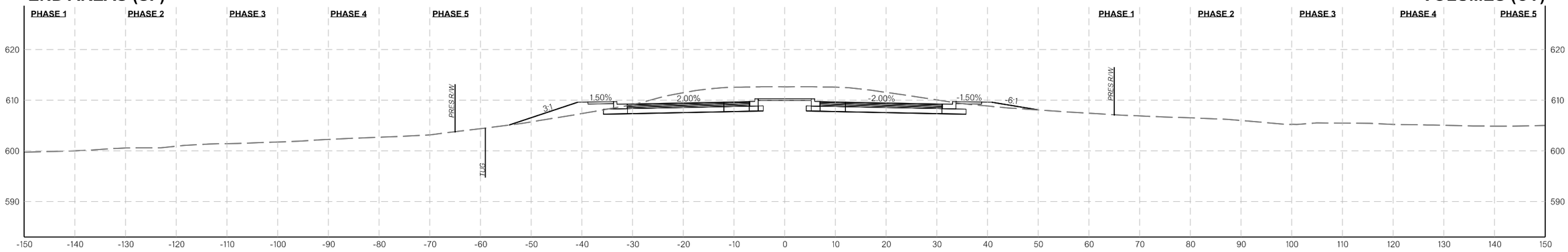
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

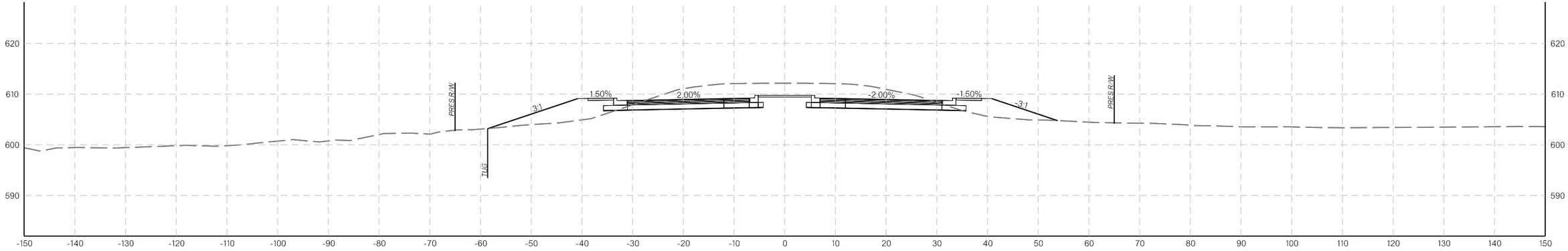
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

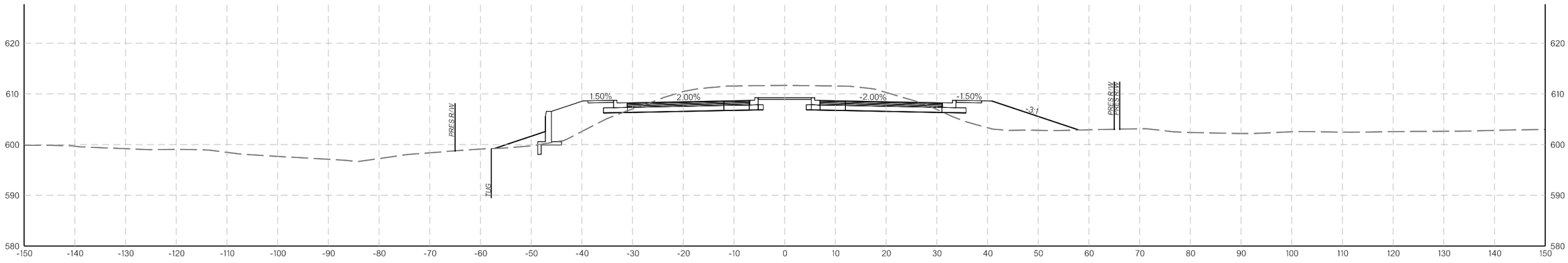
VOLUMES (CY)



375+00.00



374+00.00



373+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X029

OKLAHOMA DEPARTMENT OF TRANSPORTATION

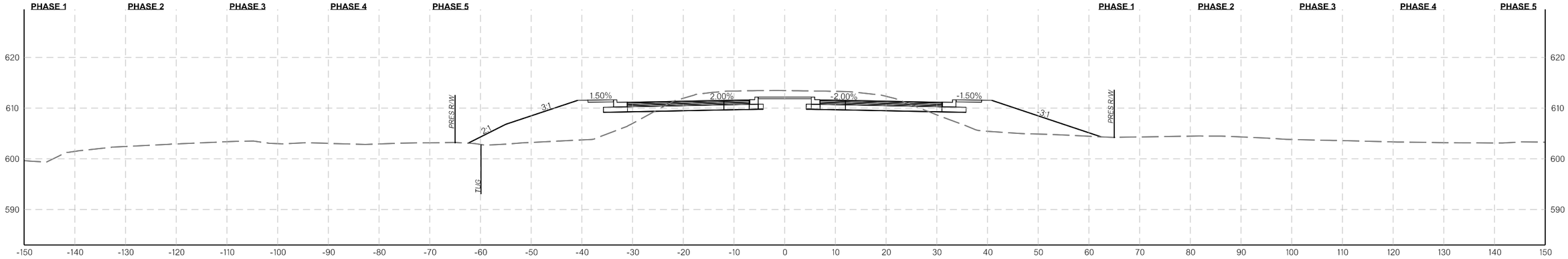
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

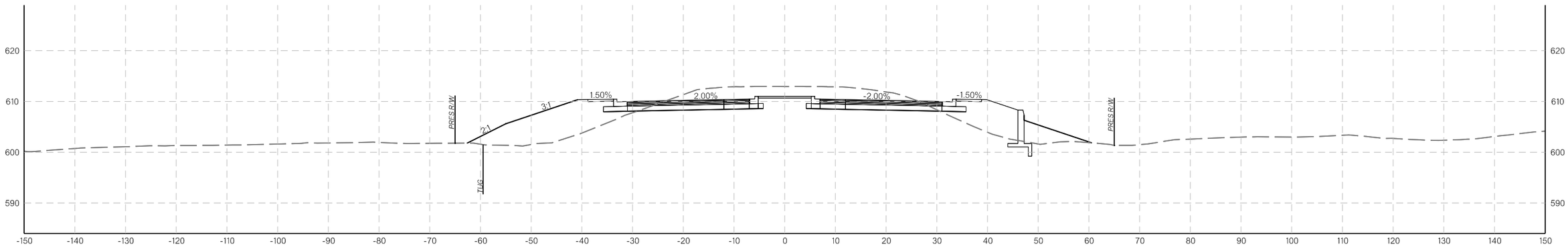
END AREAS (SF)

VOLUMES (CY)

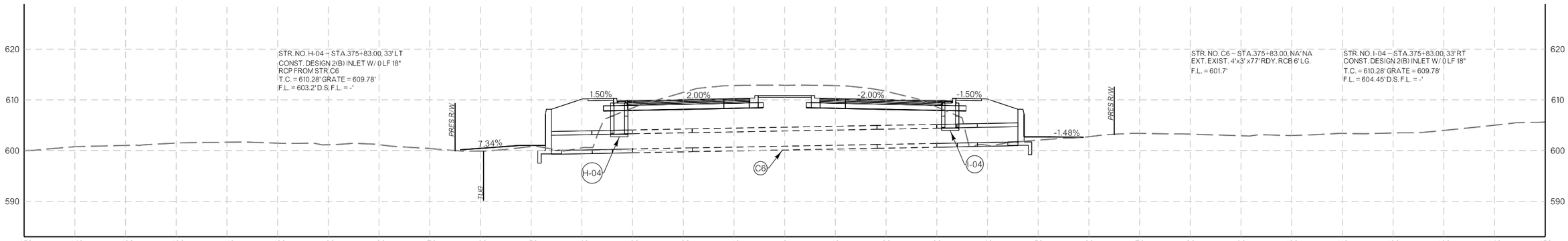
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5 | PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



377+00.00



376+00.00



375+82.99

CROSS SECTIONS

7/9/2024

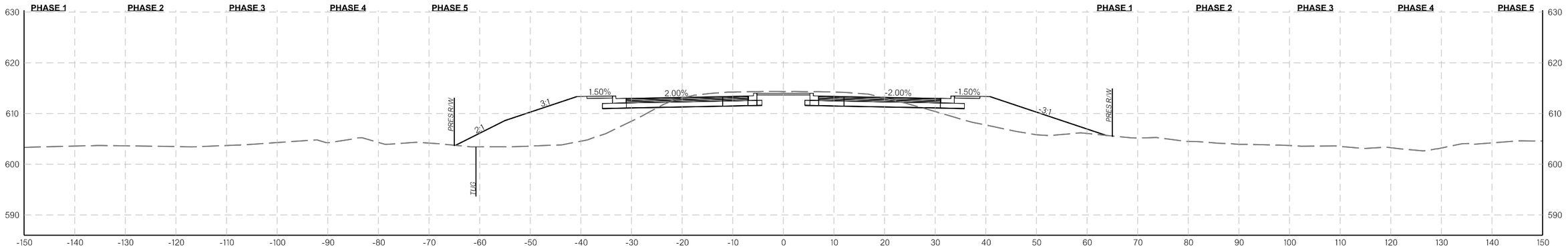
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X030

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

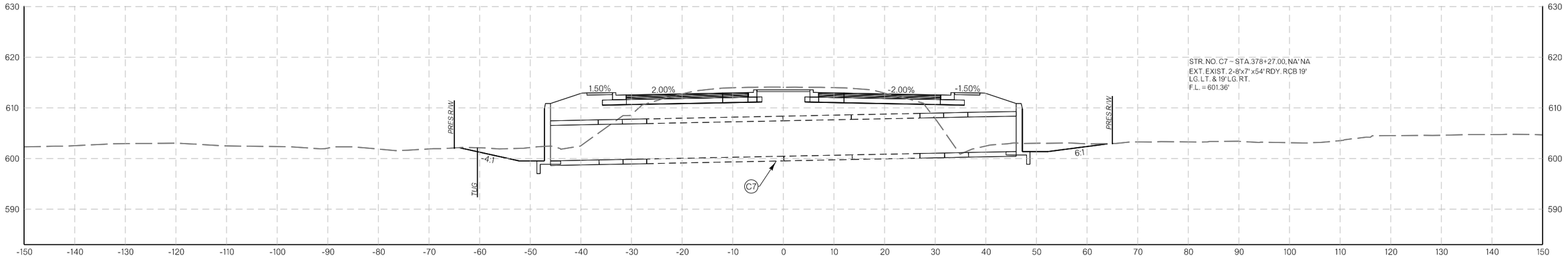
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

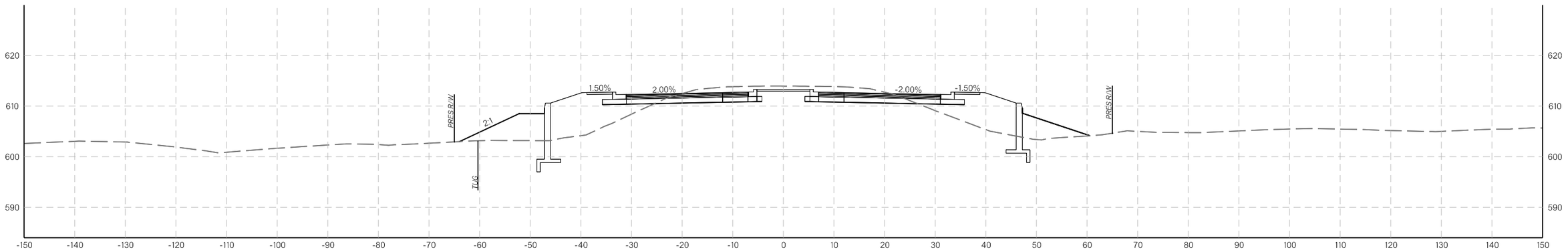
VOLUMES (CY)



378+90.00



378+28.55



378+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X031

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

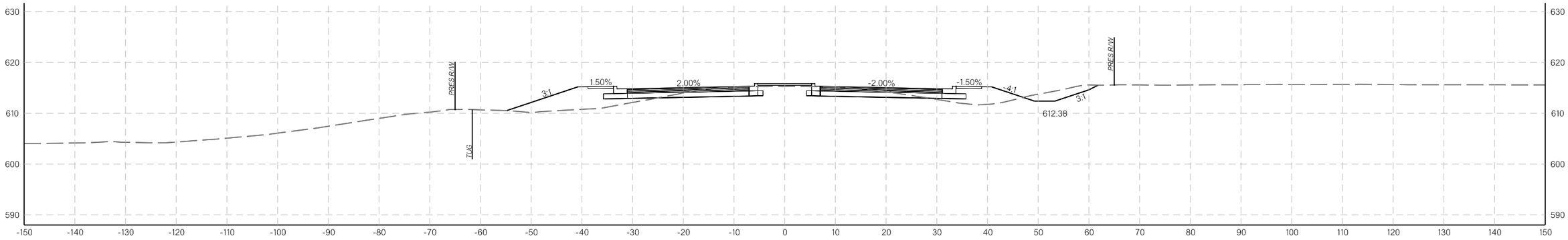
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

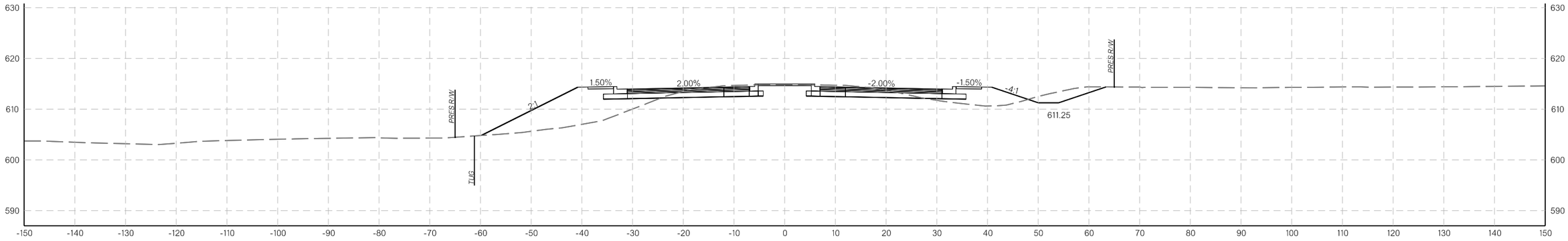
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

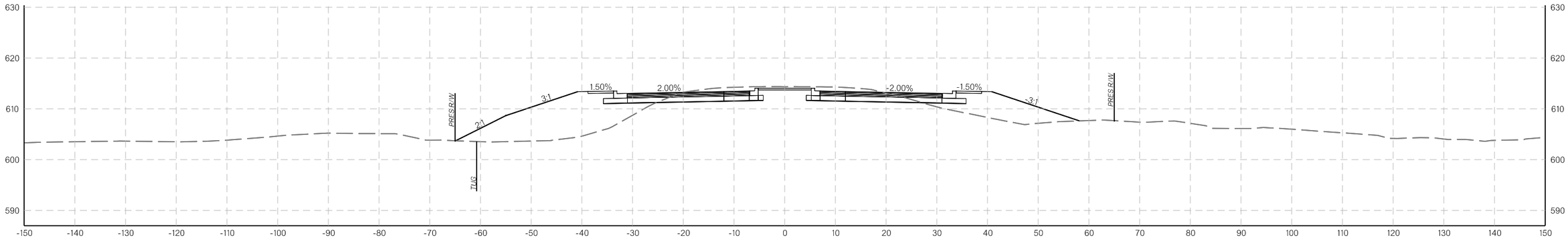
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



381+00.00



380+00.00



379+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X032

OKLAHOMA DEPARTMENT OF TRANSPORTATION

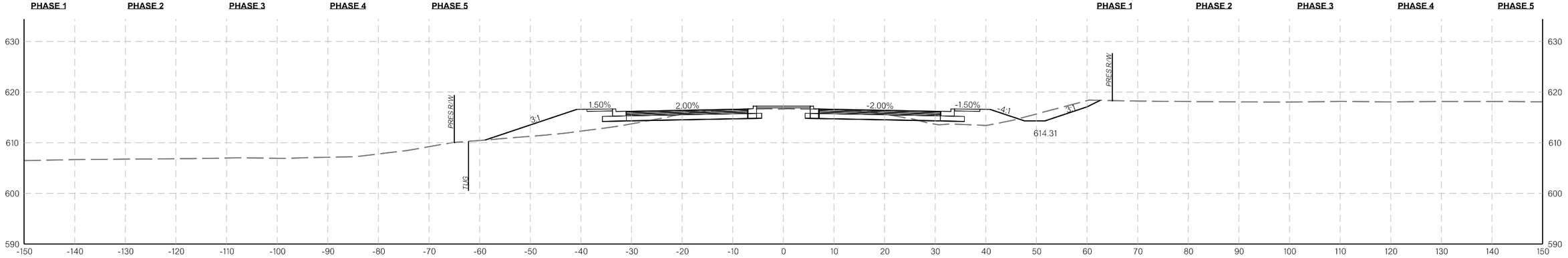
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

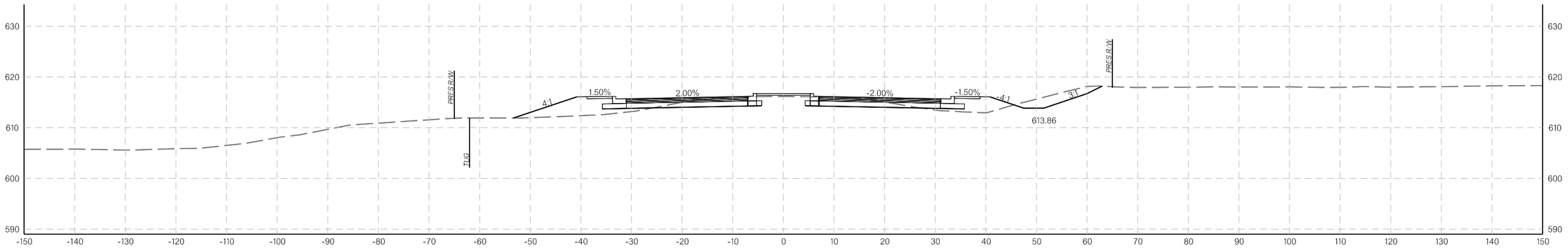
END AREAS (SF)

VOLUMES (CY)

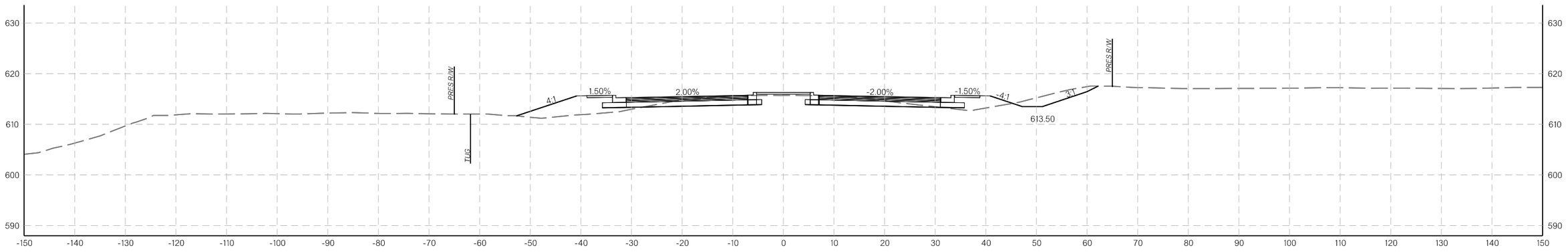
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5 PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



384+00.00



383+00.00



382+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X033

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

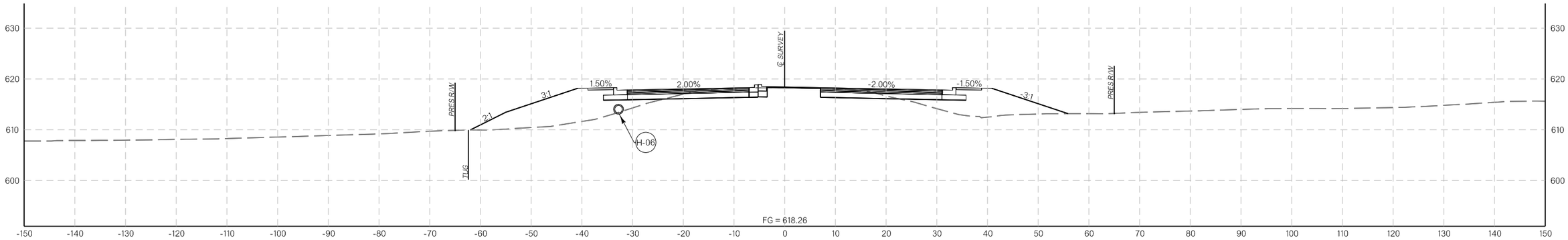
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

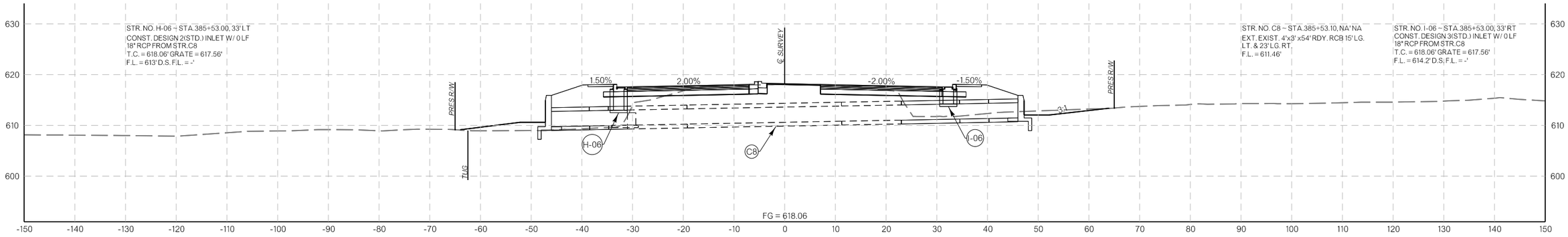
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5

VOLUMES (CY)

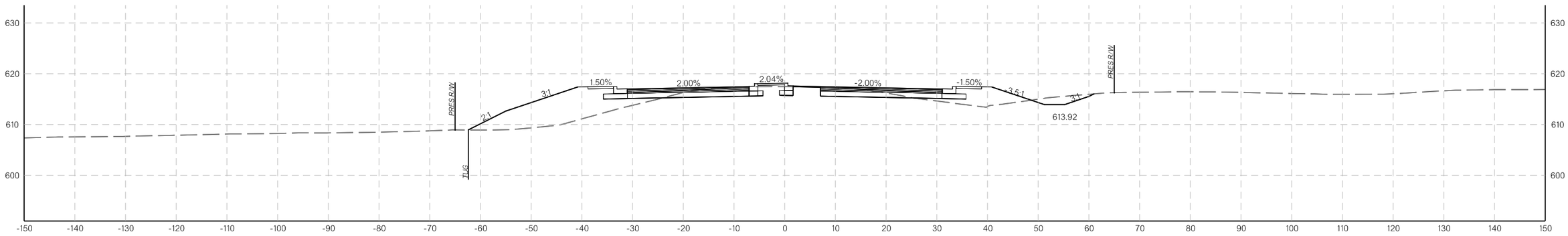
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5



385+70.00



385+52.69



385+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X034

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

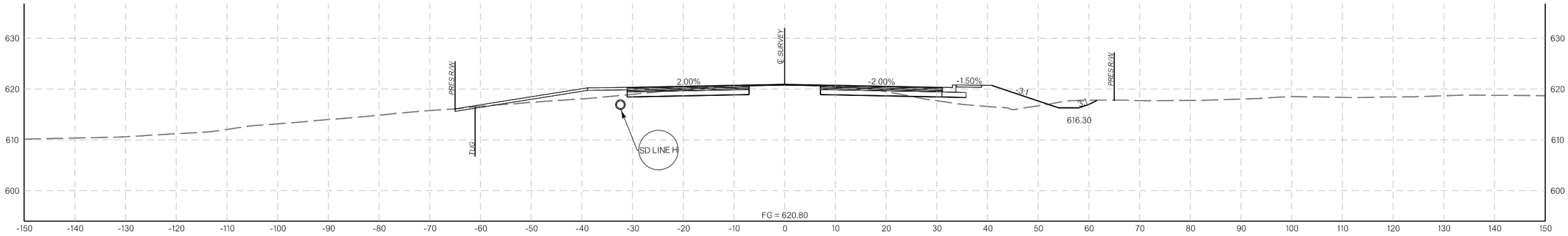
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

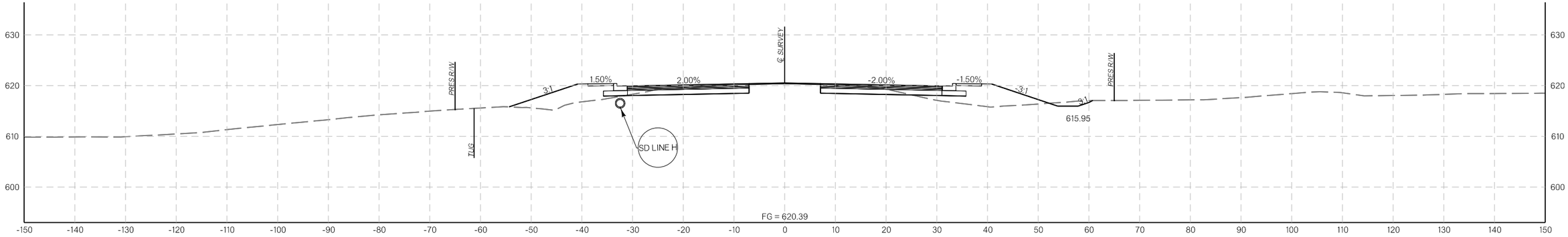
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

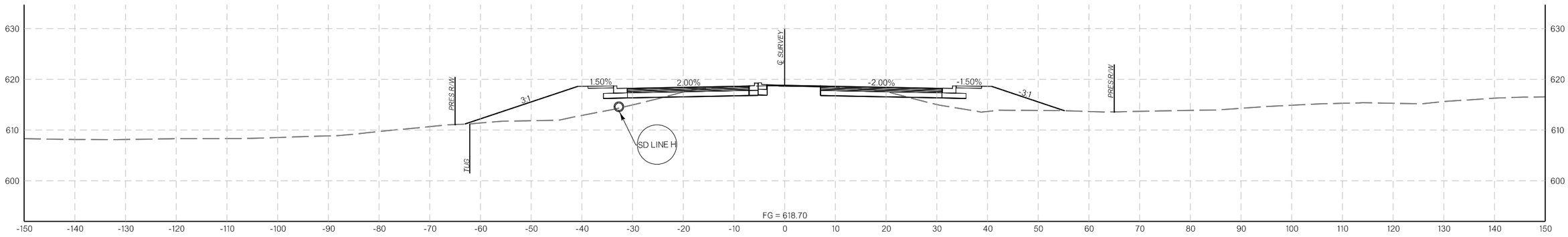
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



387+21.89



387+00.00



386+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X035

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

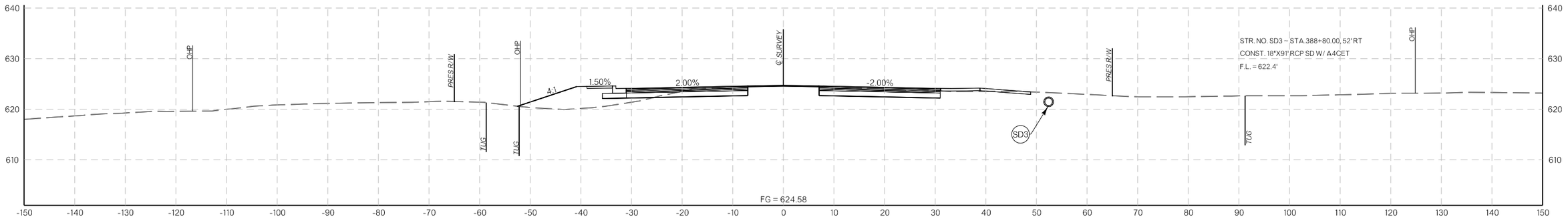
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

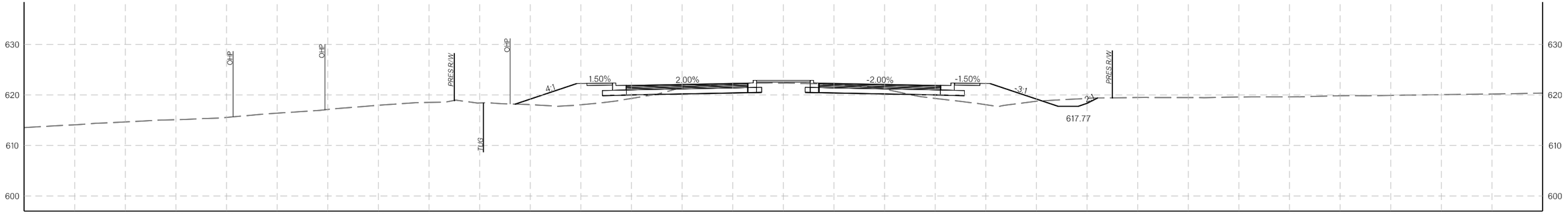
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

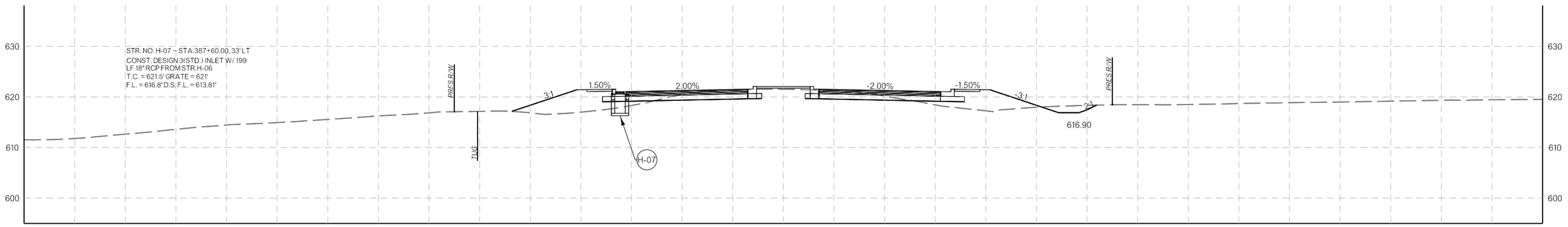
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



389+00.00



388+00.00



387+60.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X036

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

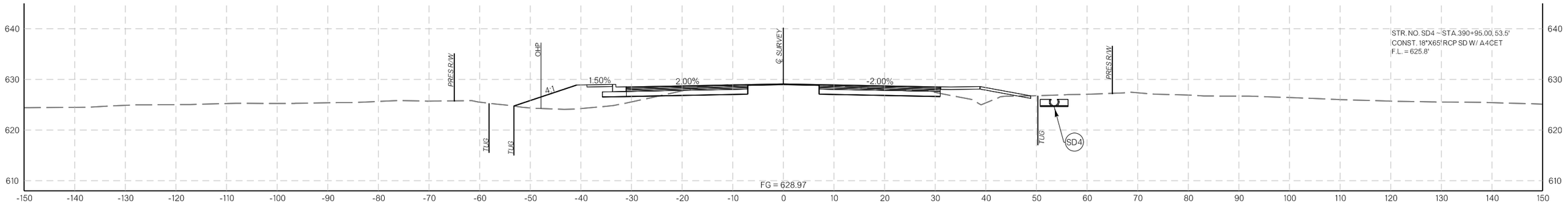
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

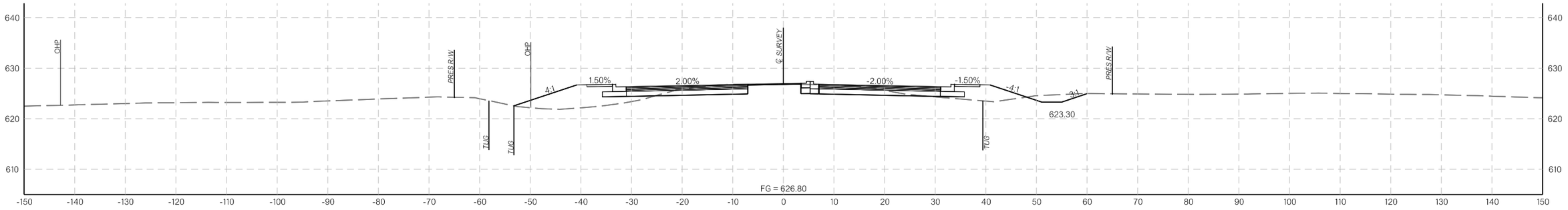
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

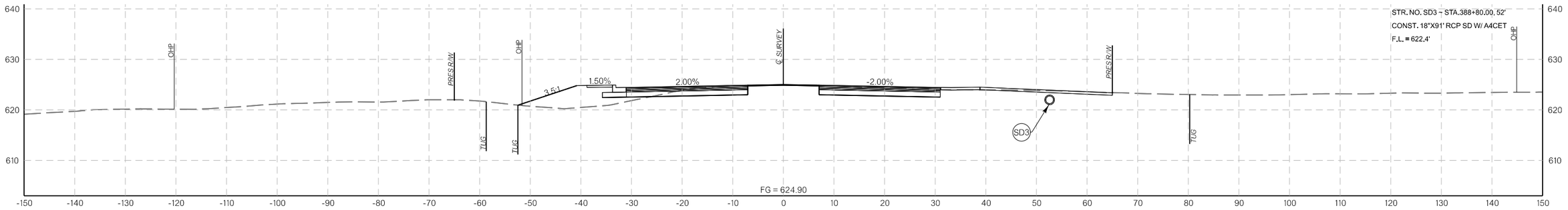
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



391+00.00



390+00.00



389+14.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X037

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

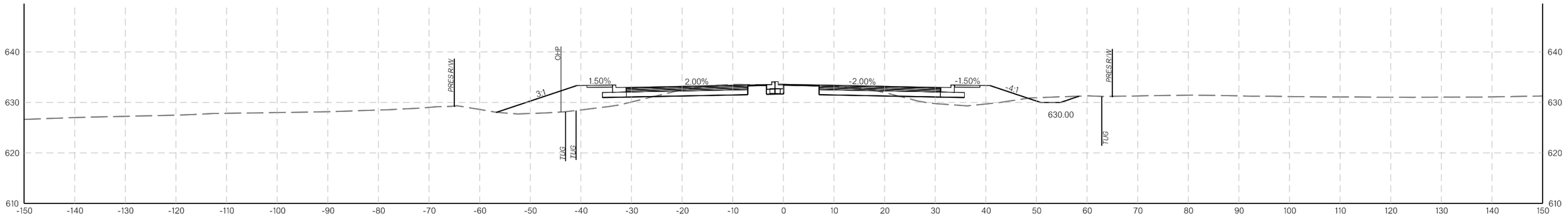
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

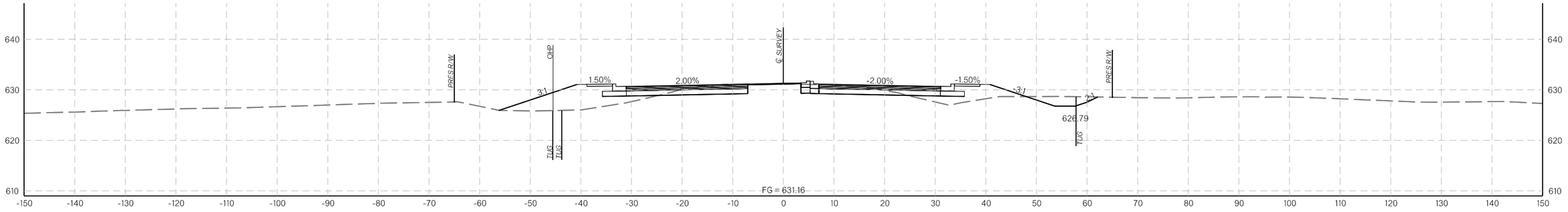
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

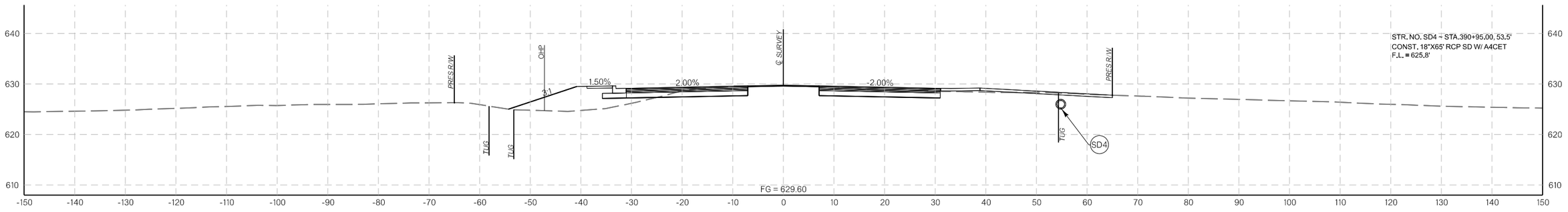
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



393+00.00



392+00.00



391+29.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X038

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

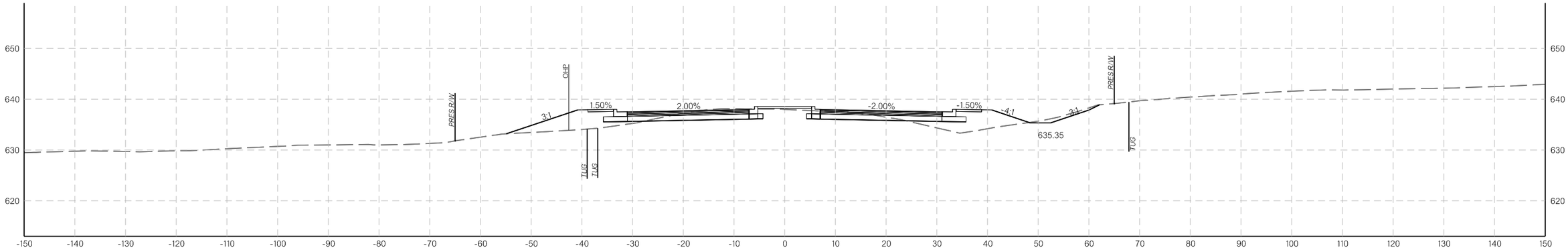
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

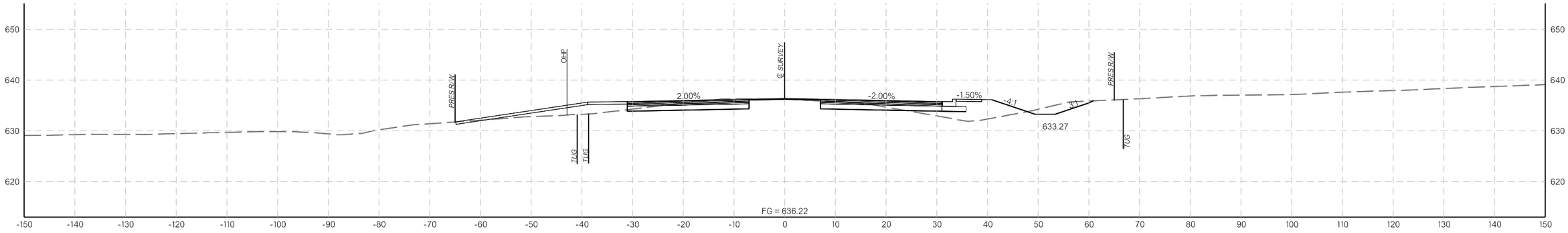
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

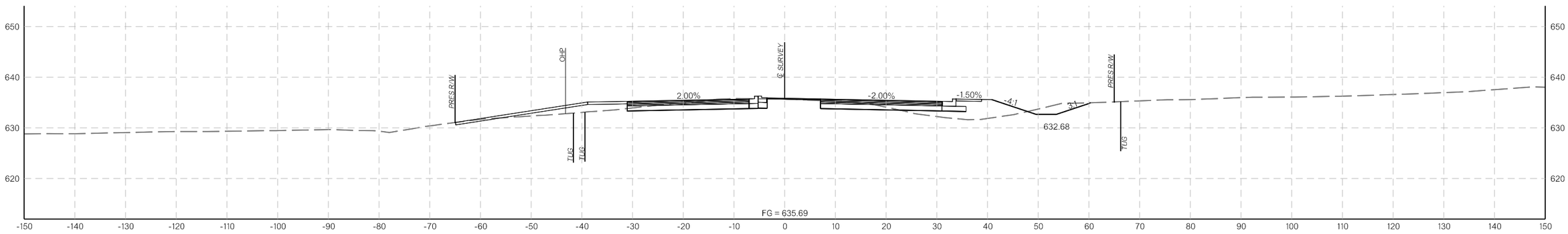
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



395+00.00



394+22.40



394+00.00

7/9/2024

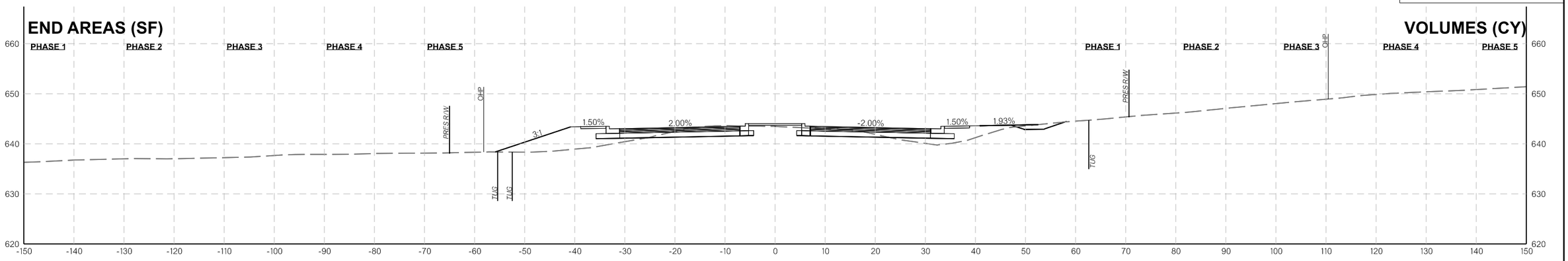
CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X039

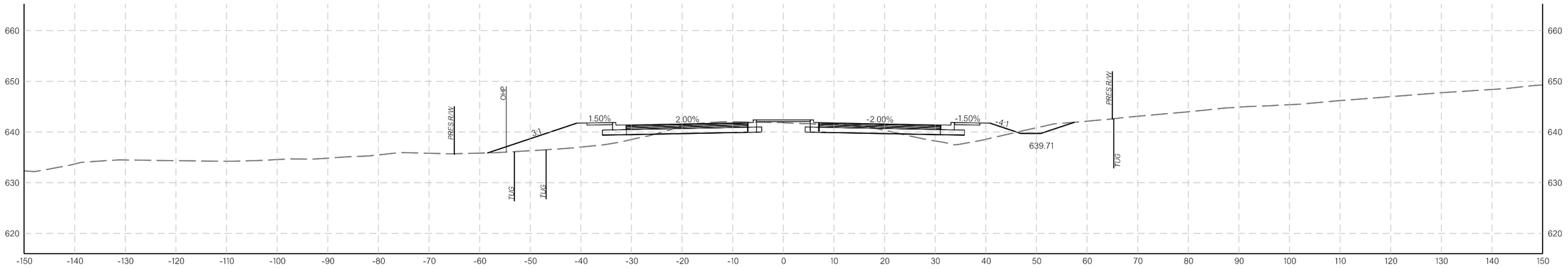
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

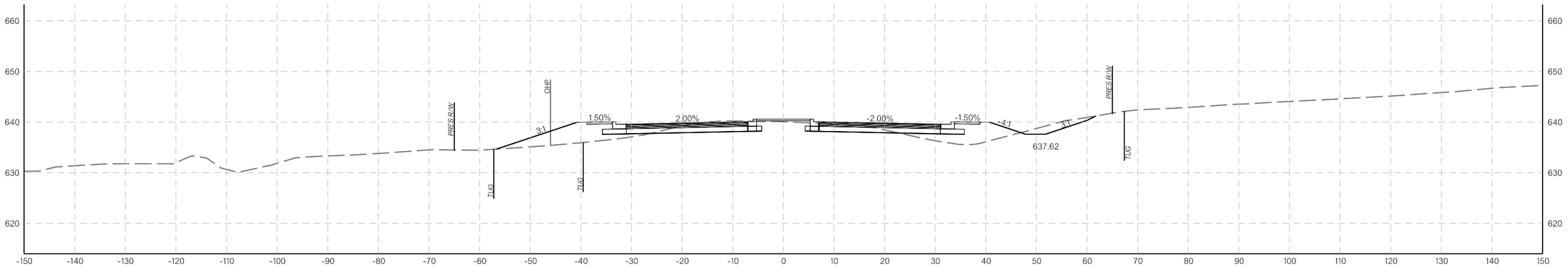
DESCRIPTION	REVISIONS	DATE



398+00.00



397+00.00



396+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X040

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

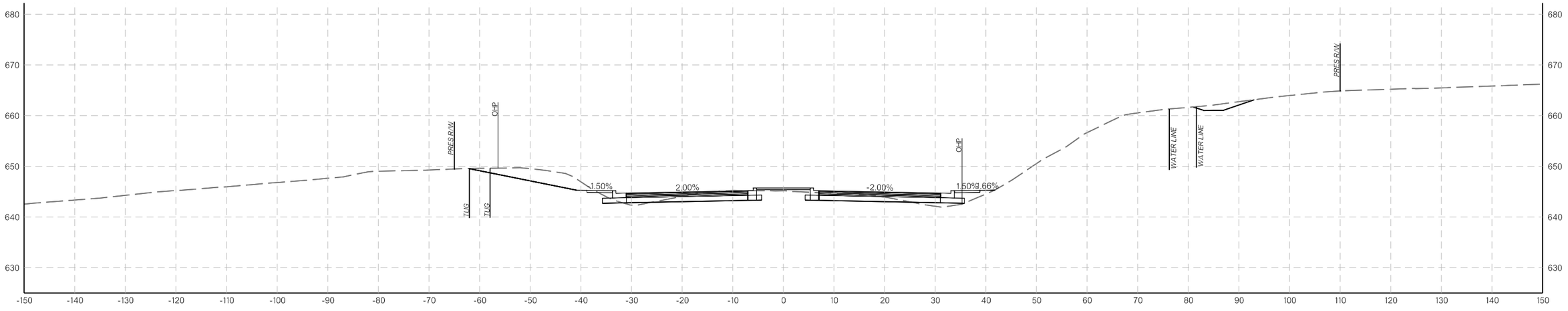
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

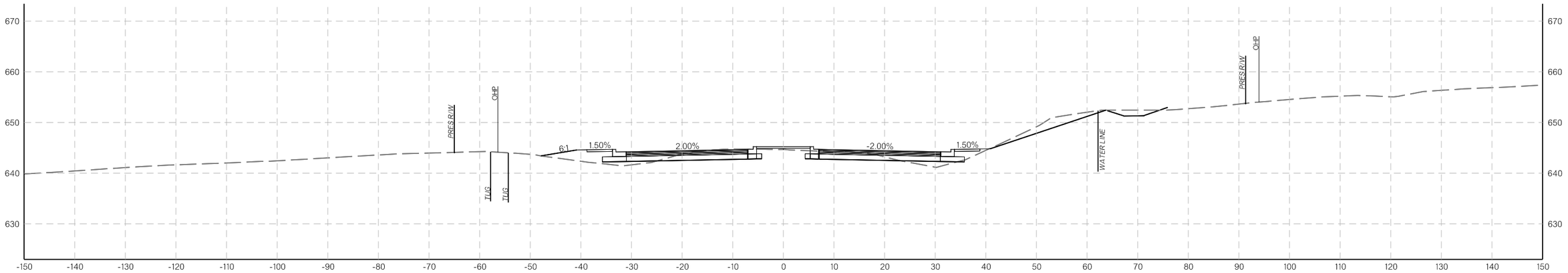
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



400+00.00



399+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X041

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

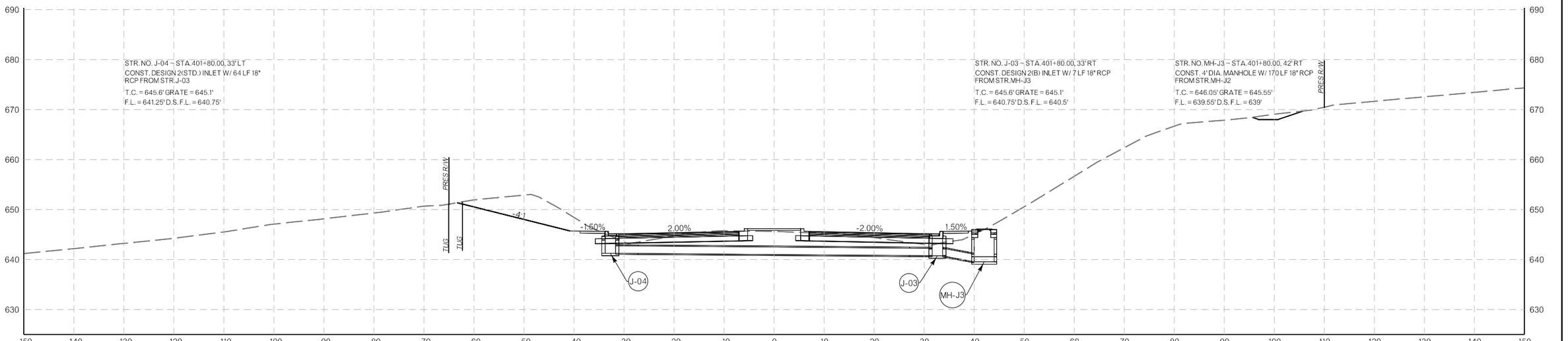
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

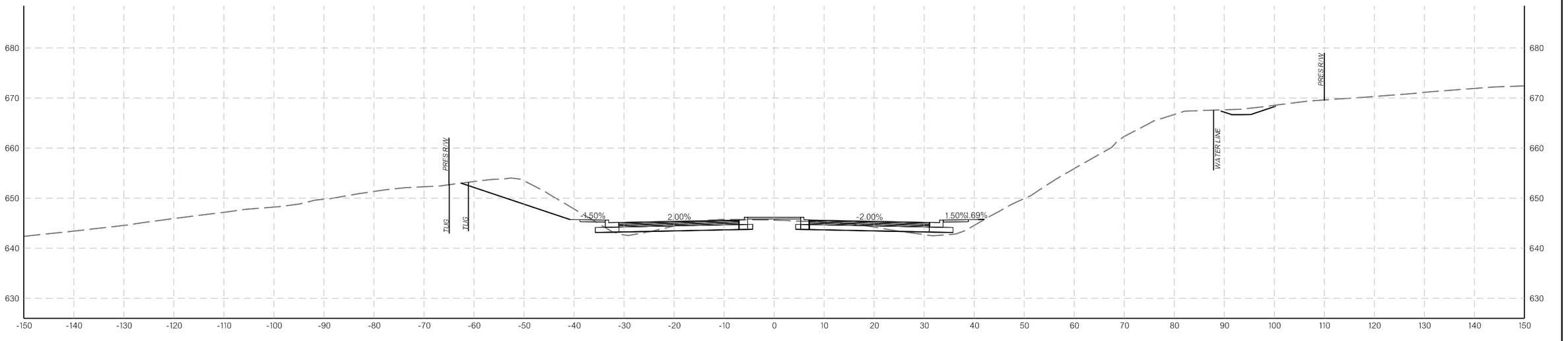
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5

VOLUMES (CY)

PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5



401+80.00



401+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X042

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

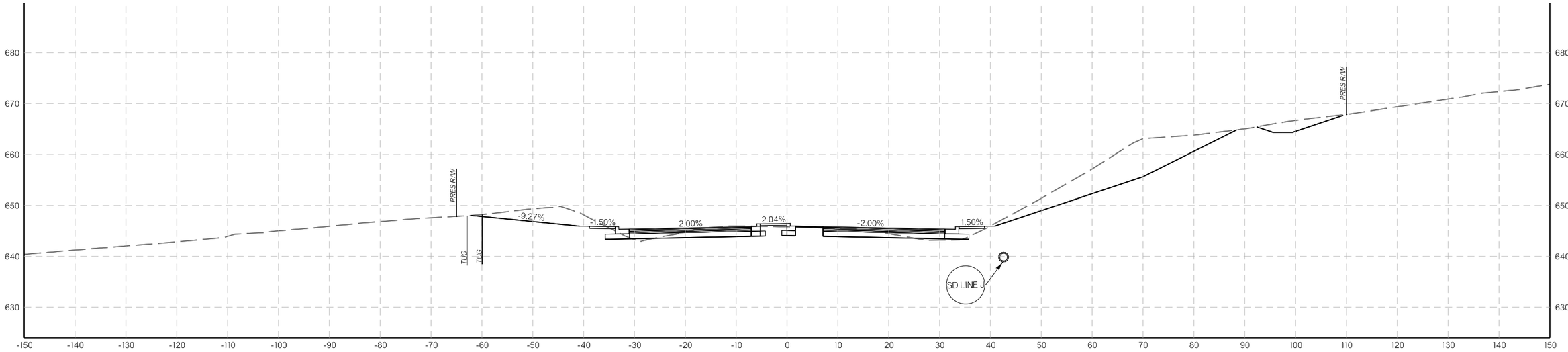
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

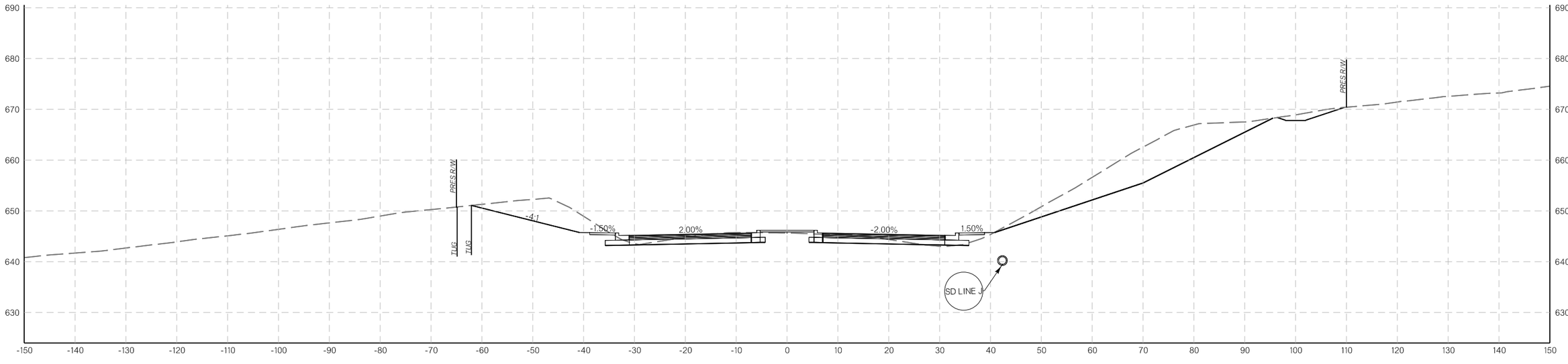
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



403+00.00



402+00.00

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X043

7/9/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

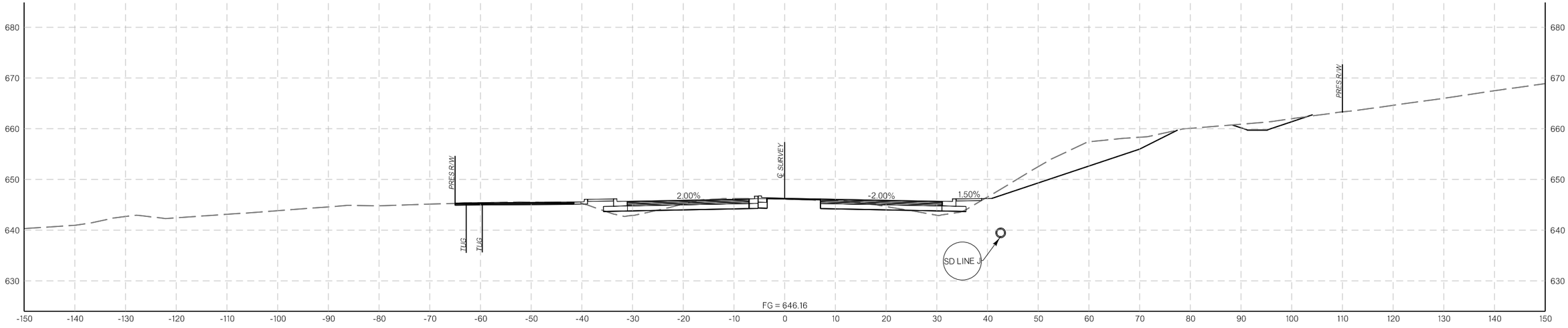
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

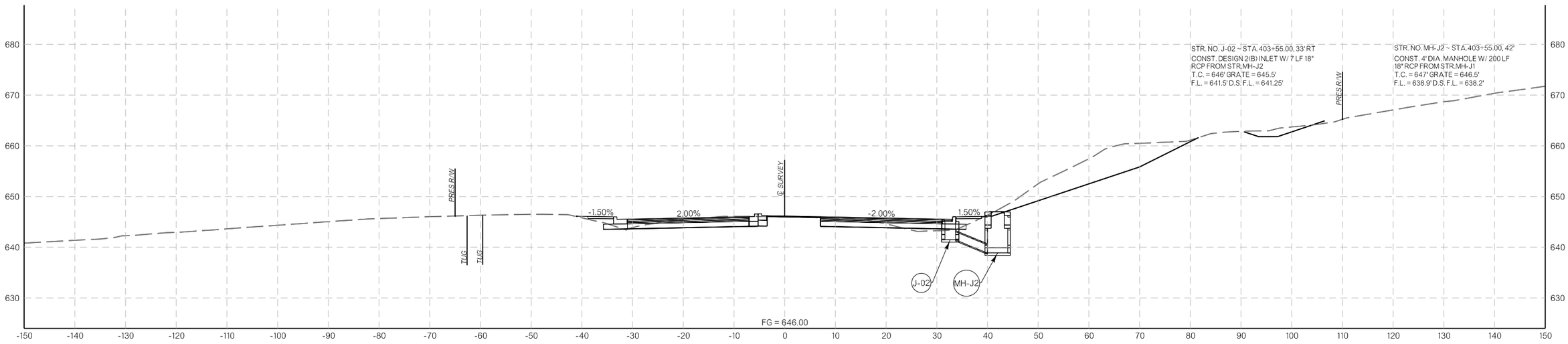
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



404+00.00



403+55.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X044

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

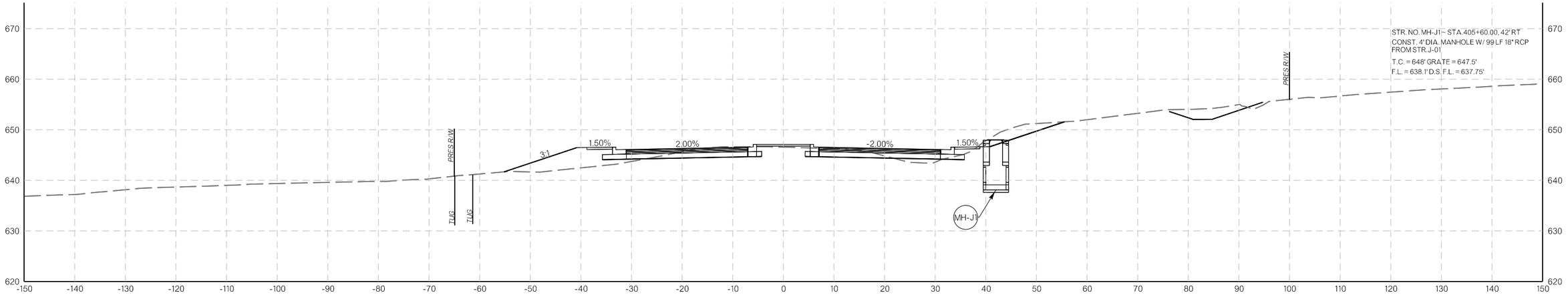
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

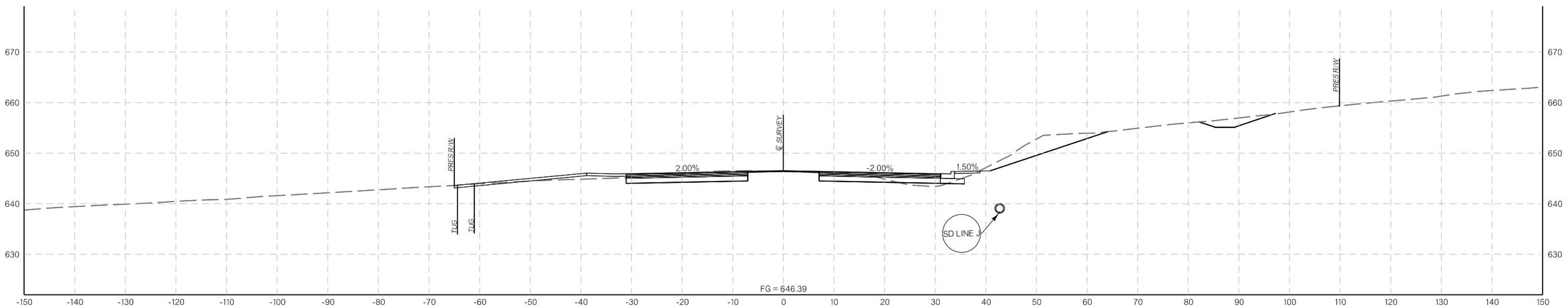
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



405+60.00



405+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X045

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

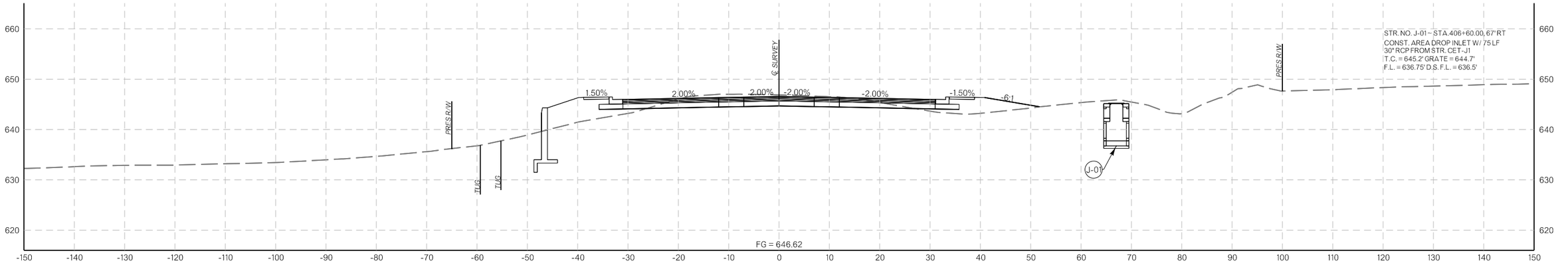
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

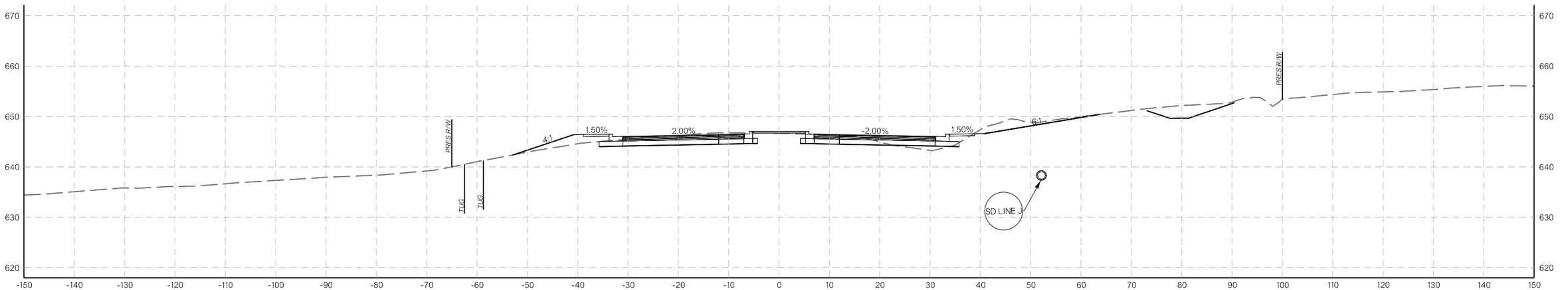
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



406+60.00



406+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X046

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

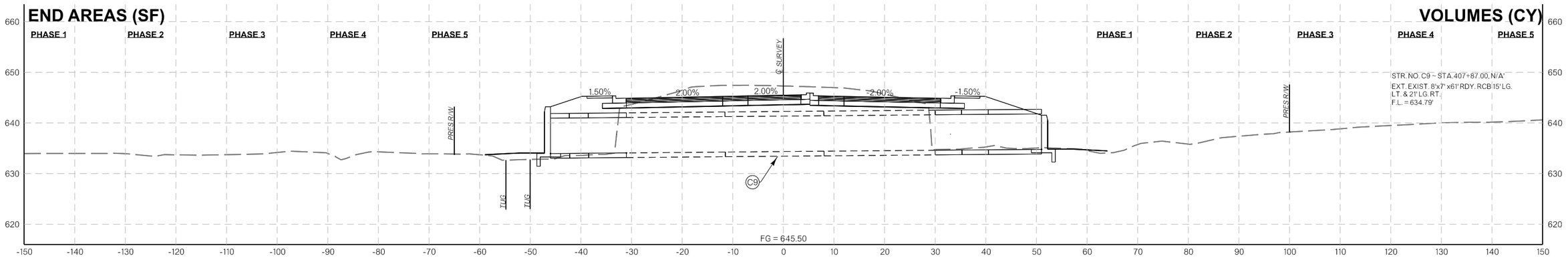
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

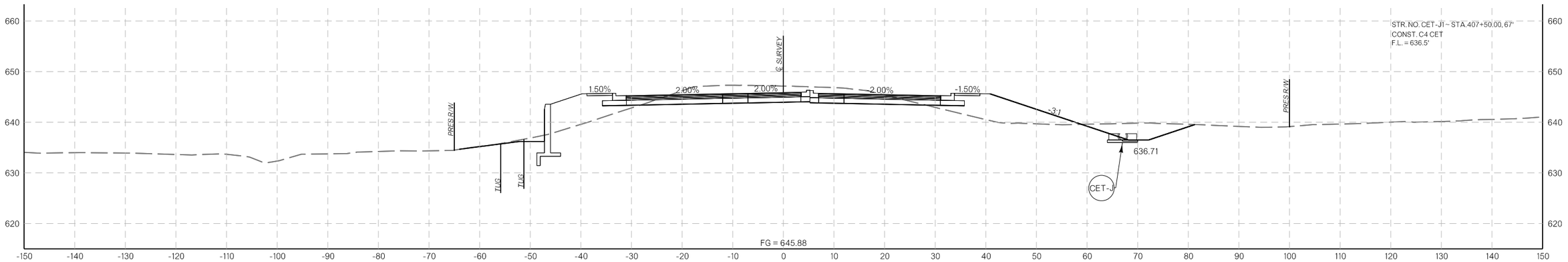
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

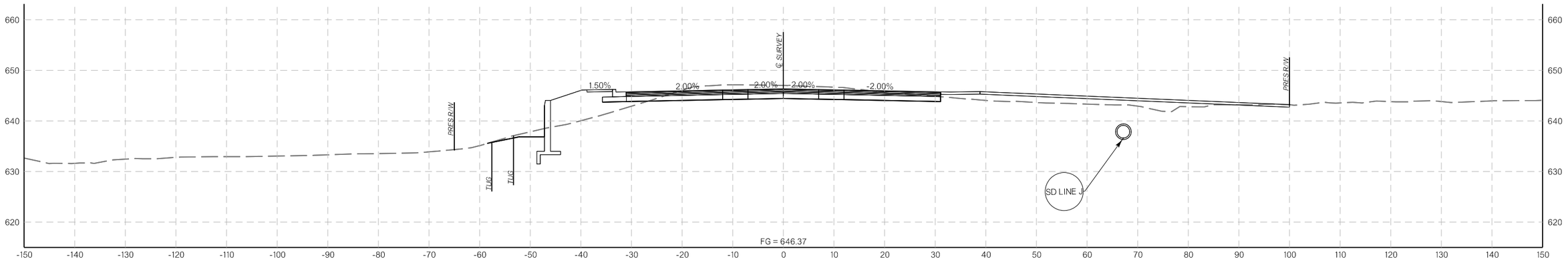
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



407+87.02



407+50.00



407+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X047

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

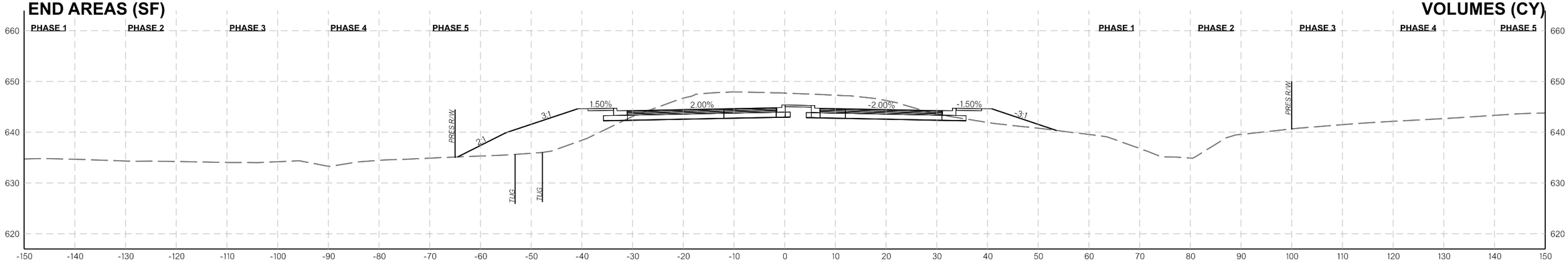
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

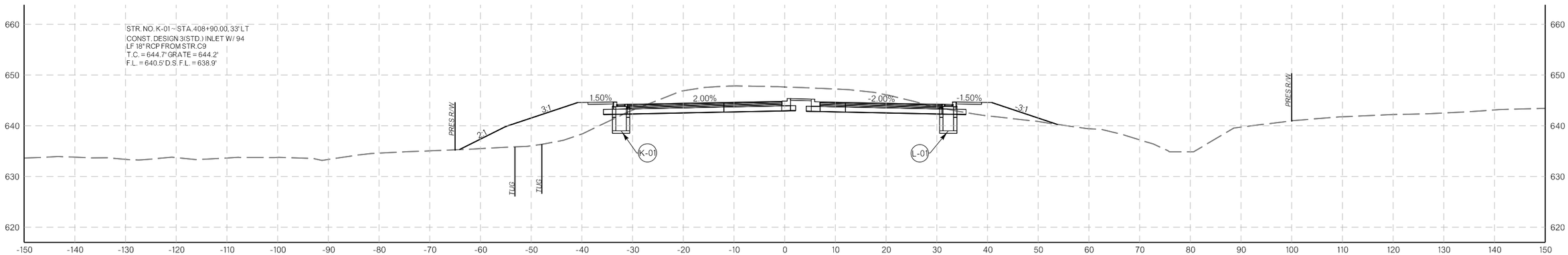
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

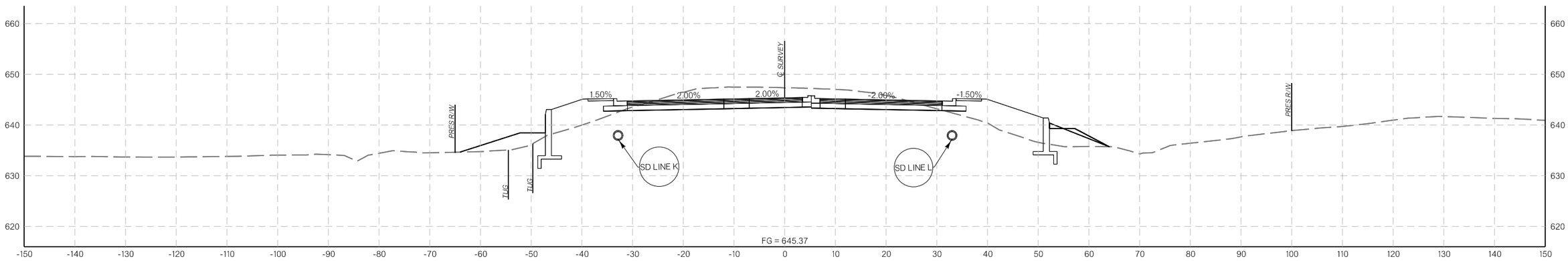
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



409+00.00



408+90.00



408+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X048

OKLAHOMA DEPARTMENT OF TRANSPORTATION

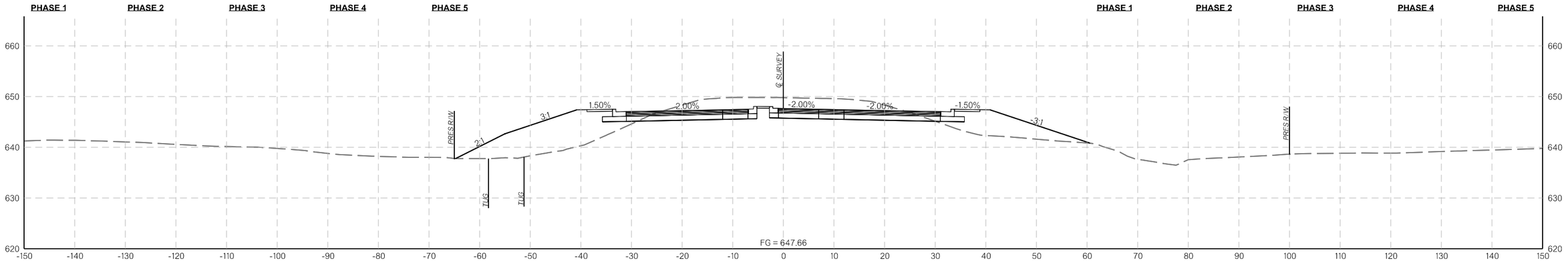
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

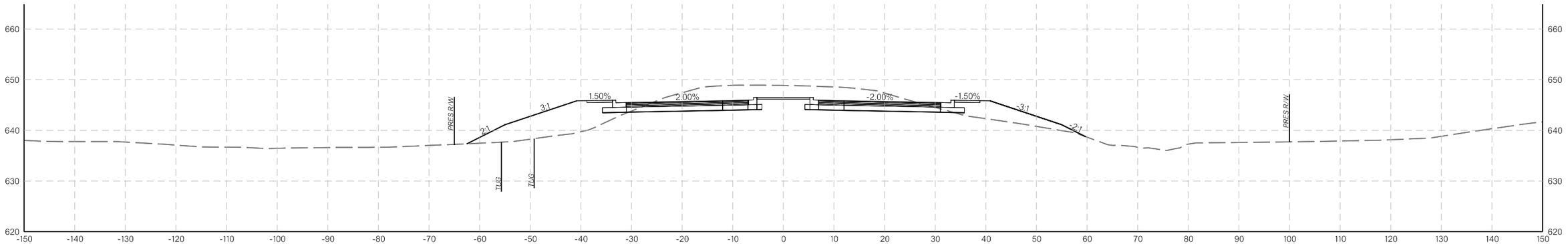
END AREAS (SF)

VOLUMES (CY)

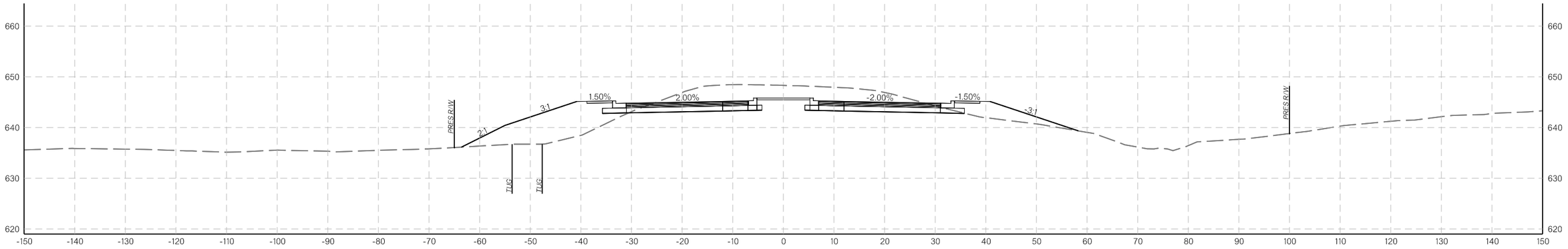
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5 PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



412+00.00



411+00.00



410+00.00

7/9/2024

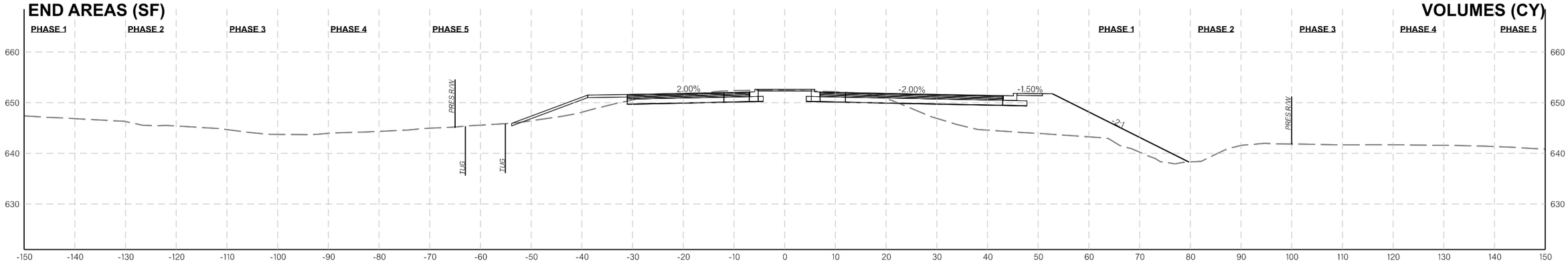
CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X049

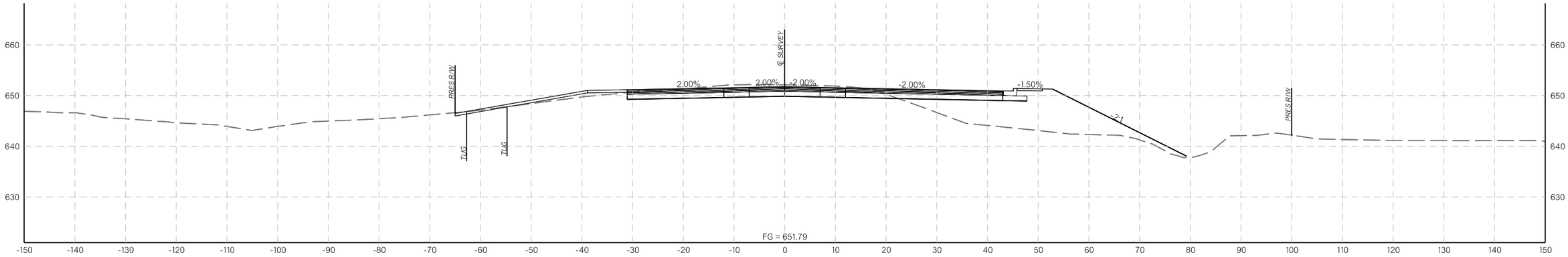
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

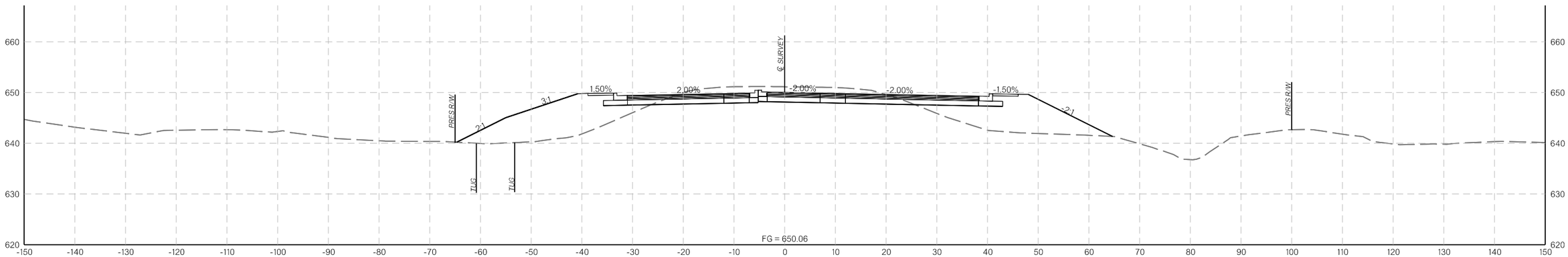
DESCRIPTION	REVISIONS	DATE



414+00.00



413+75.00



413+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X050

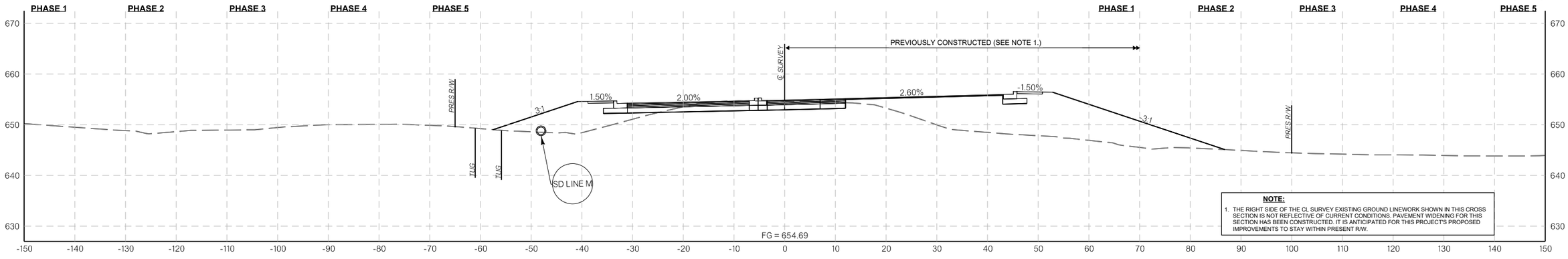
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

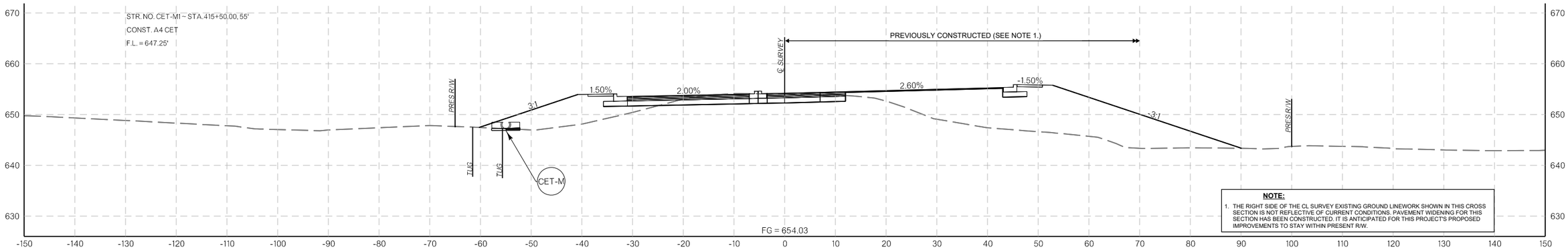
VOLUMES (CY)



NOTE:

1. THE RIGHT SIDE OF THE CL SURVEY EXISTING GROUND LINEWORK SHOWN IN THIS CROSS SECTION IS NOT REFLECTIVE OF CURRENT CONDITIONS. PAVEMENT WIDENING FOR THIS SECTION HAS BEEN CONSTRUCTED. IT IS ANTICIPATED FOR THIS PROJECT'S PROPOSED IMPROVEMENTS TO STAY WITHIN PRESENT R/W.

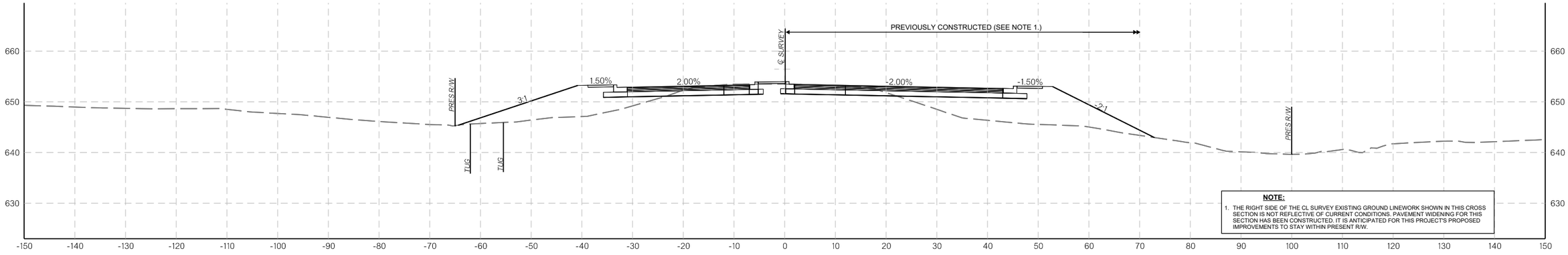
416+00.00



NOTE:

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415+50.00



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415+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X051

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

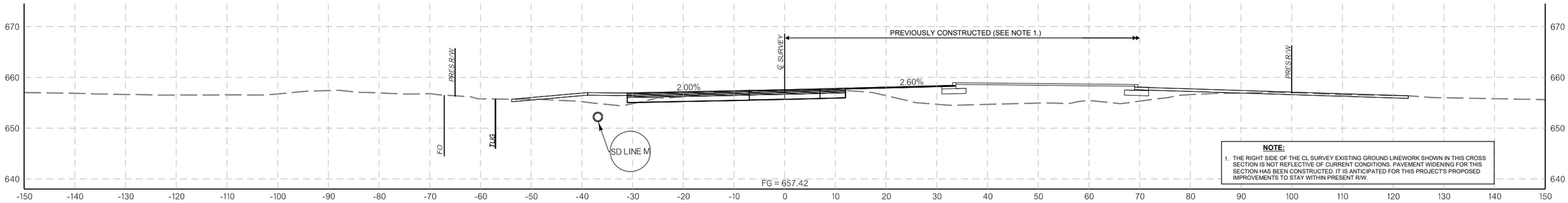
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

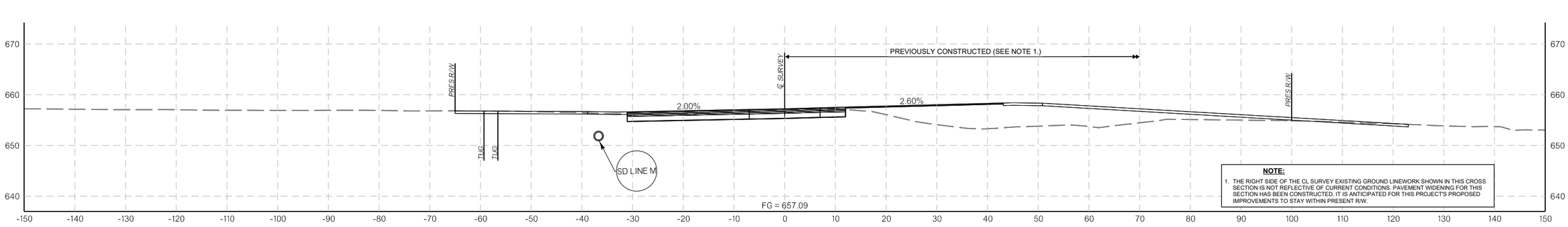
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5

VOLUMES (CY)

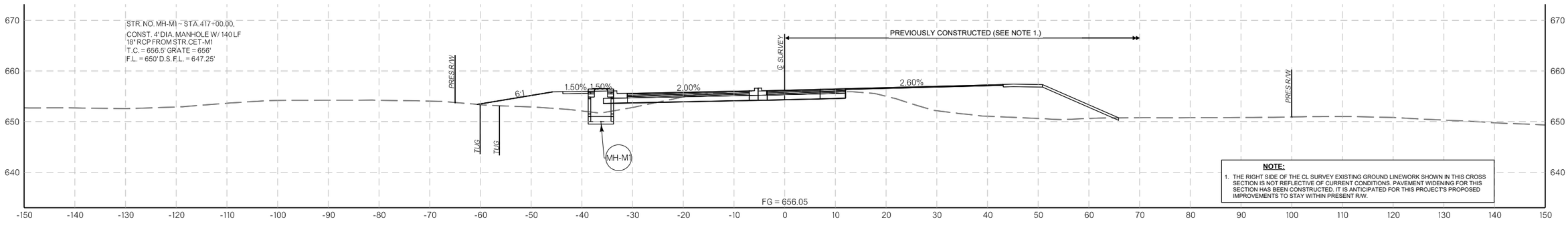
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5



418+00.00



417+76.26



417+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X052

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

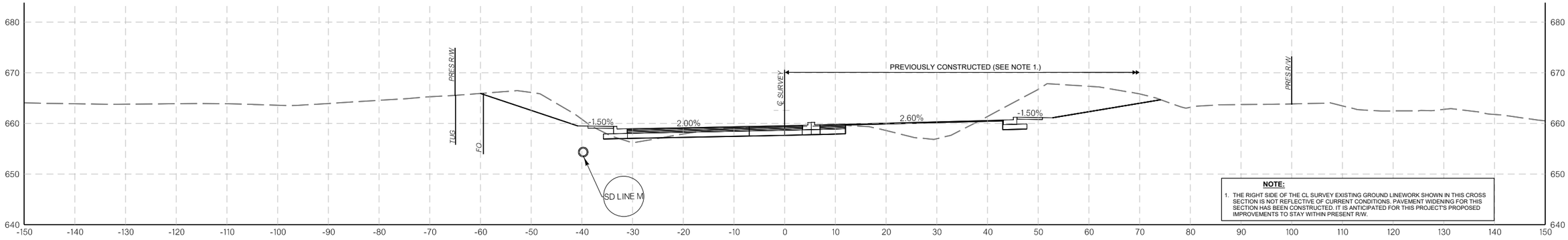
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

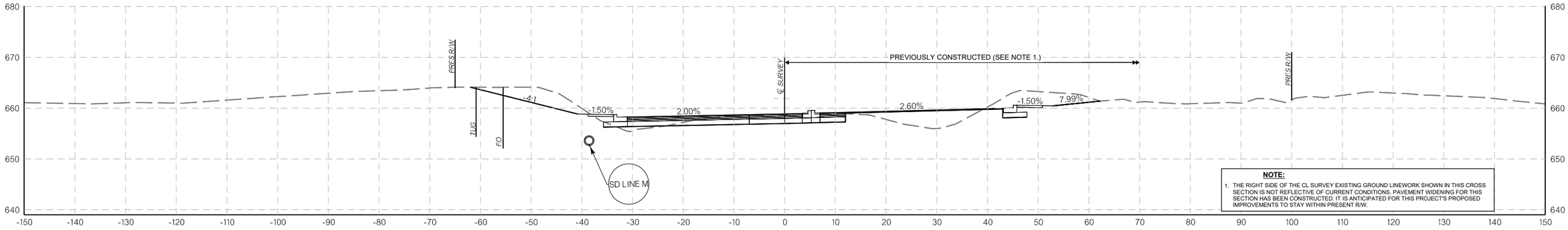
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

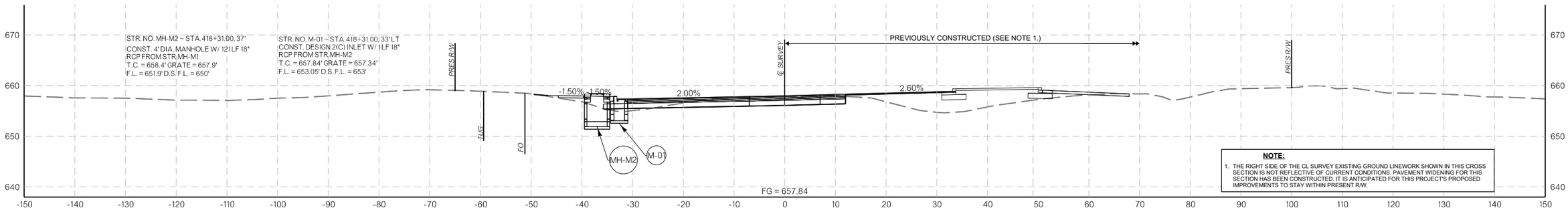
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



419+50.00



419+00.00



418+31.00

CROSS SECTIONS

7/9/2024

OKLAHOMA DEPARTMENT OF TRANSPORTATION

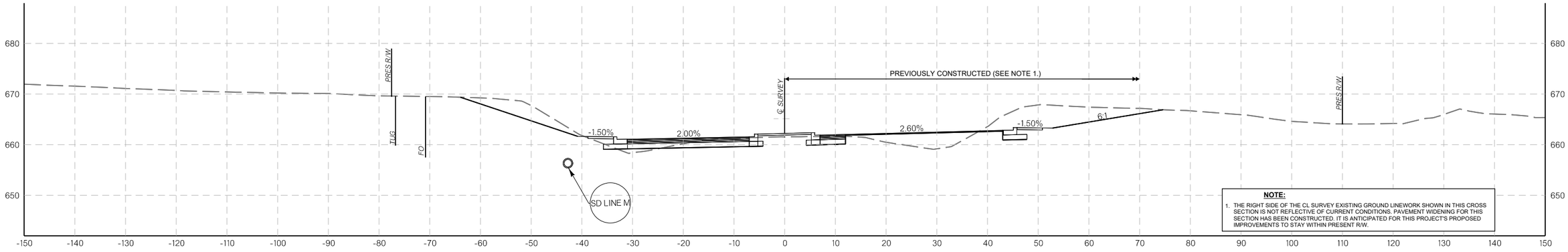
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

VOLUMES (CY)

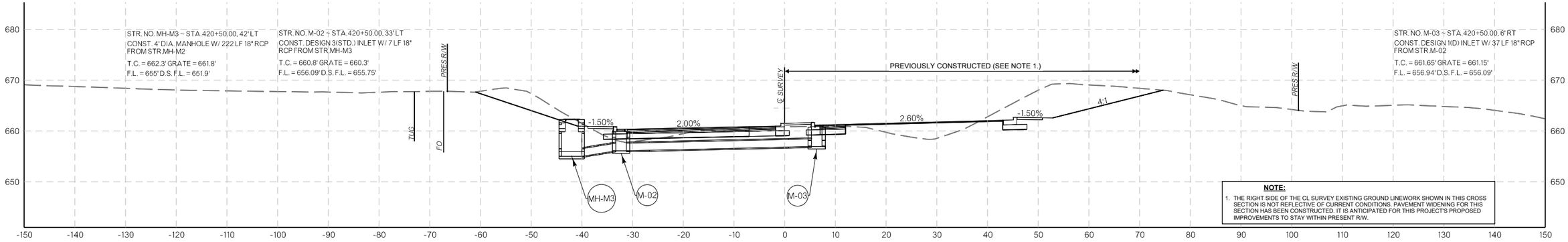
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5 PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



NOTE:

1. THE RIGHT SIDE OF THE CL SURVEY EXISTING GROUND LINEWORK SHOWN IN THIS CROSS SECTION IS NOT REFLECTIVE OF CURRENT CONDITIONS. PAVEMENT WIDENING FOR THIS SECTION HAS BEEN CONSTRUCTED. IT IS ANTICIPATED FOR THIS PROJECT'S PROPOSED IMPROVEMENTS TO STAY WITHIN PRESENT R/W.

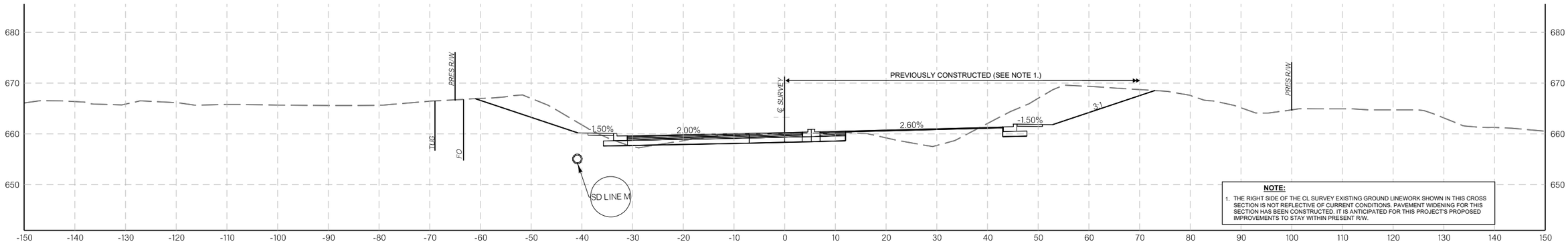
421+00.00



NOTE:

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420+50.00



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420+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X054

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

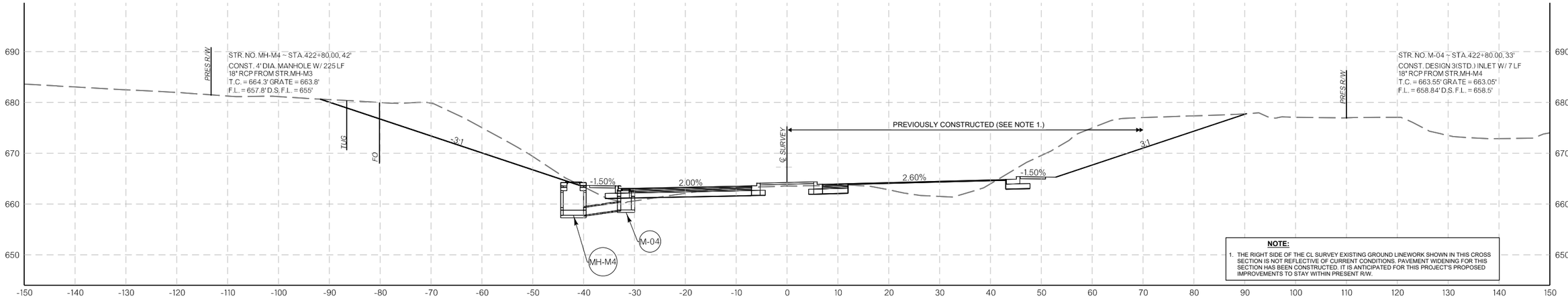
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

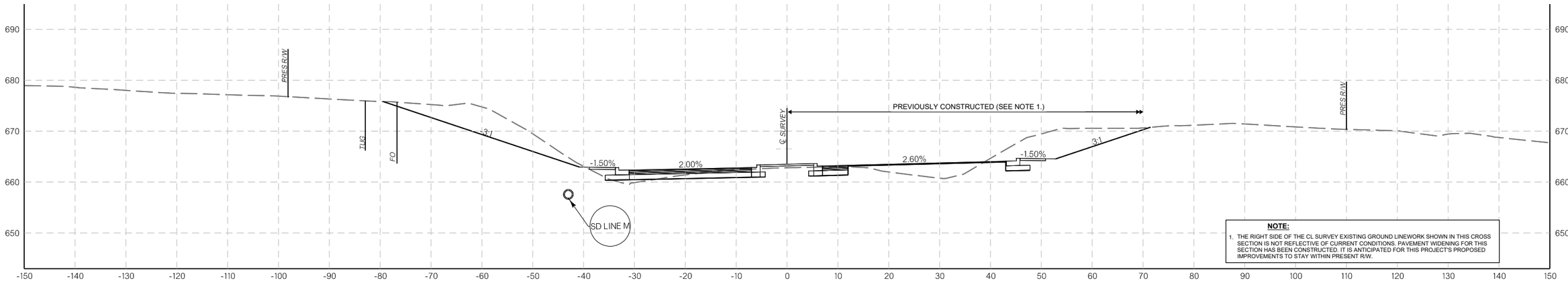
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



422+80.00



422+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X055

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

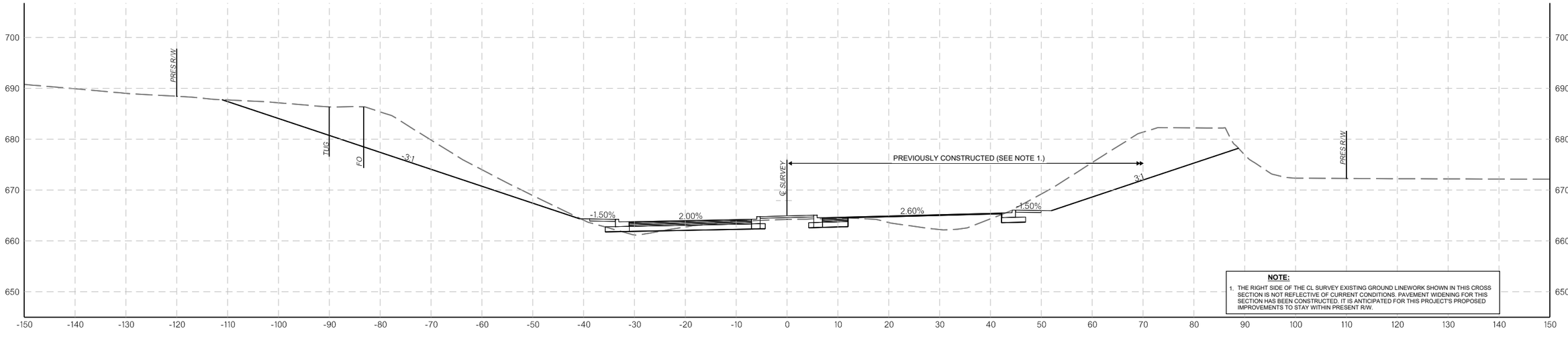
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5

VOLUMES (CY)

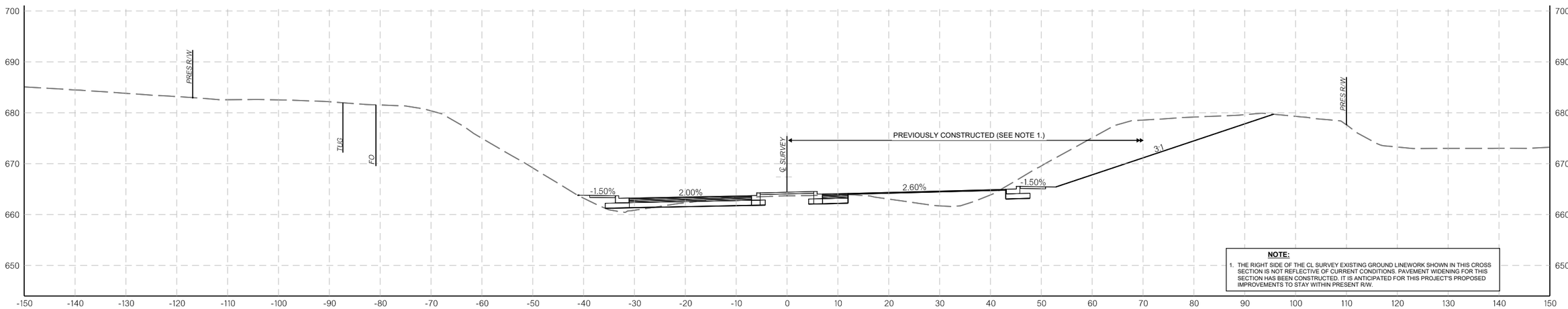
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



NOTE:

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424+00.00



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423+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X056

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

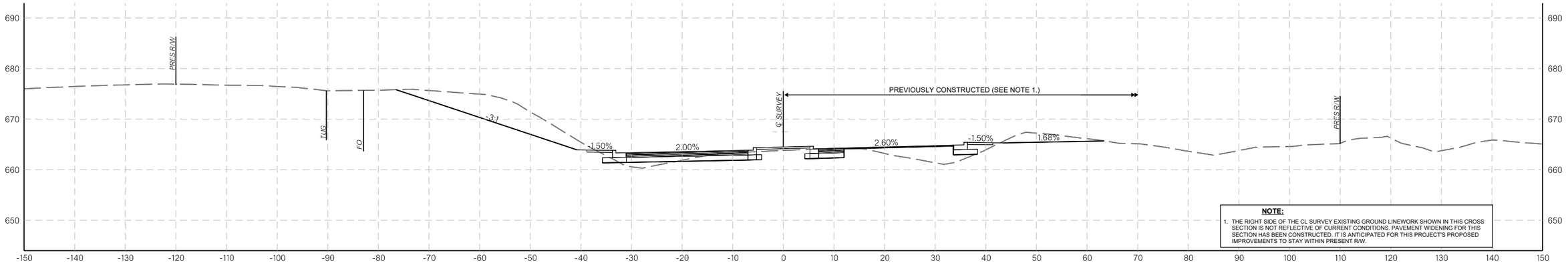
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

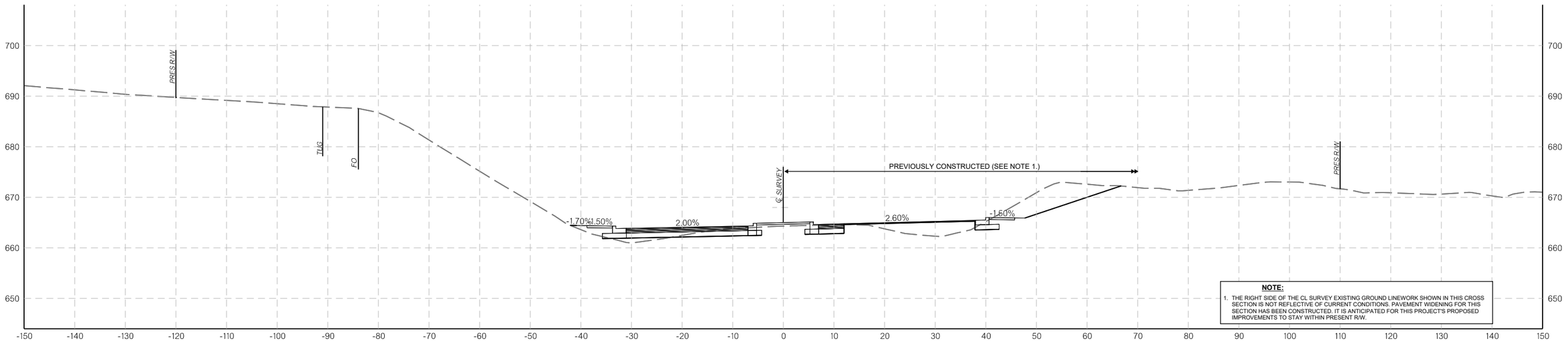
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



426+00.00



425+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X057

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

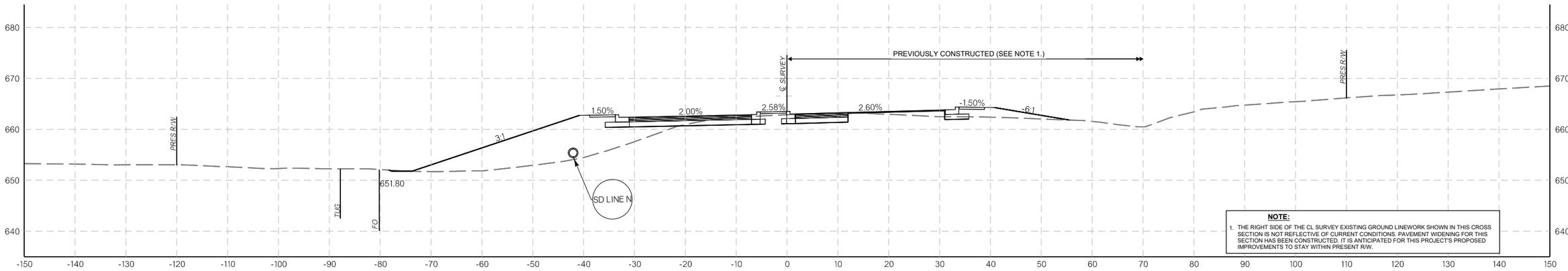
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

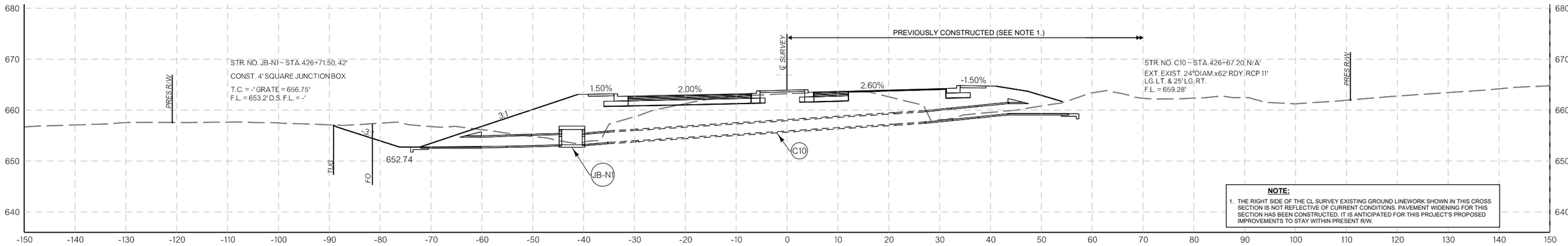
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5

VOLUMES (CY)

PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5



427+00.00



426+67.28

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X058

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

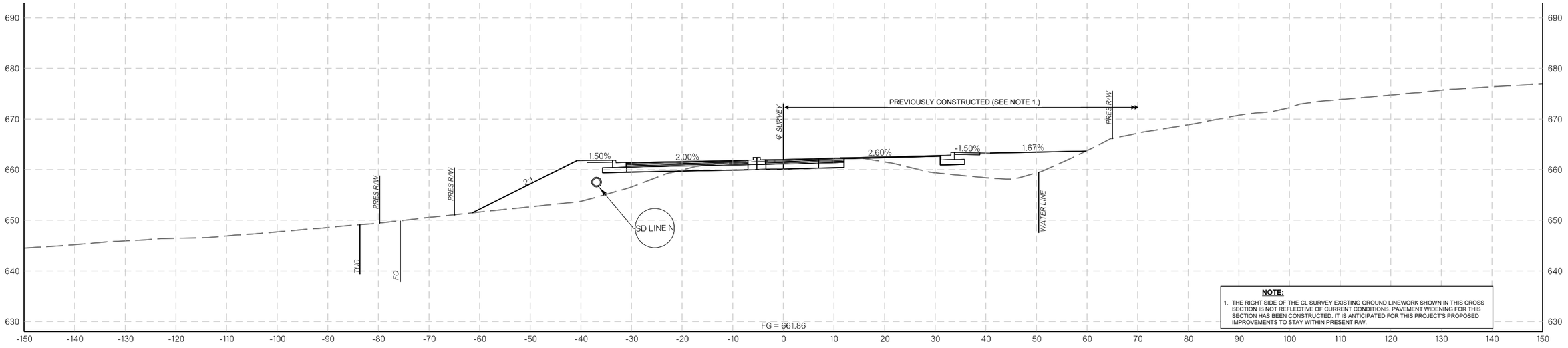
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

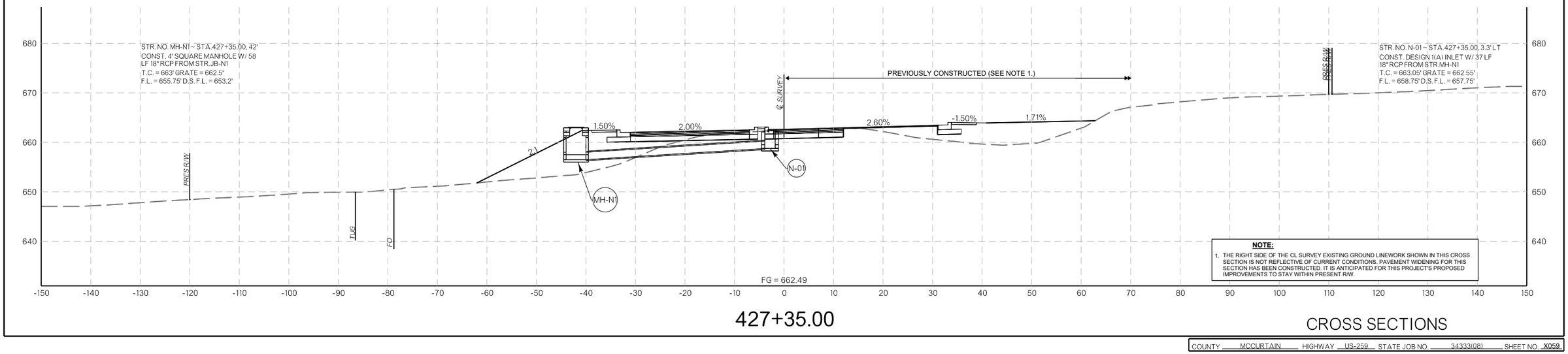
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



428+00.00



427+35.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X059

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

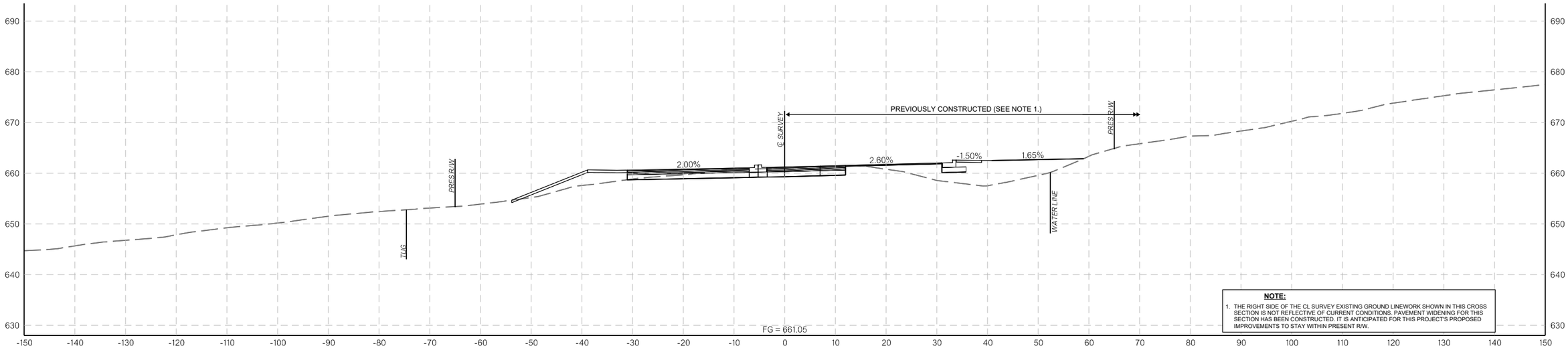
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

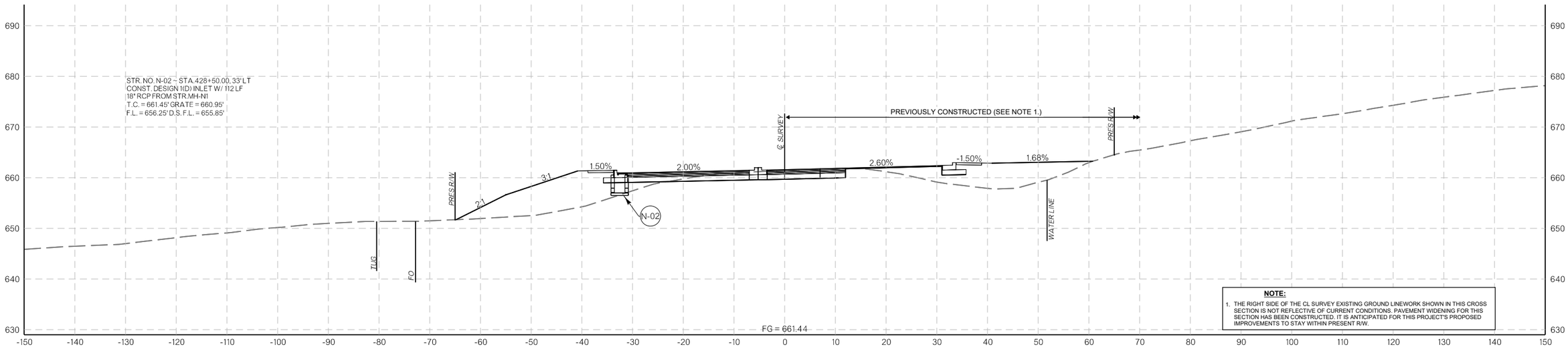
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



429+00.00



428+50.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X060

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

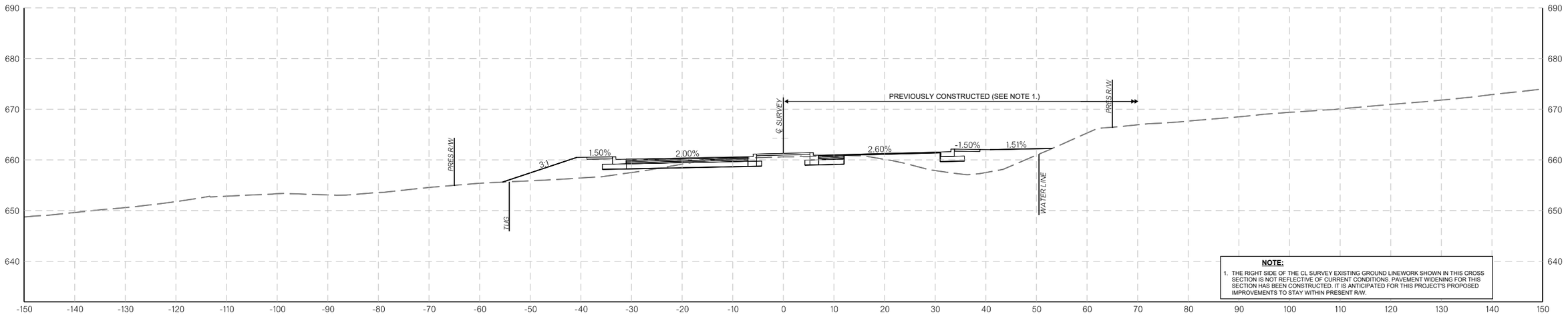
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

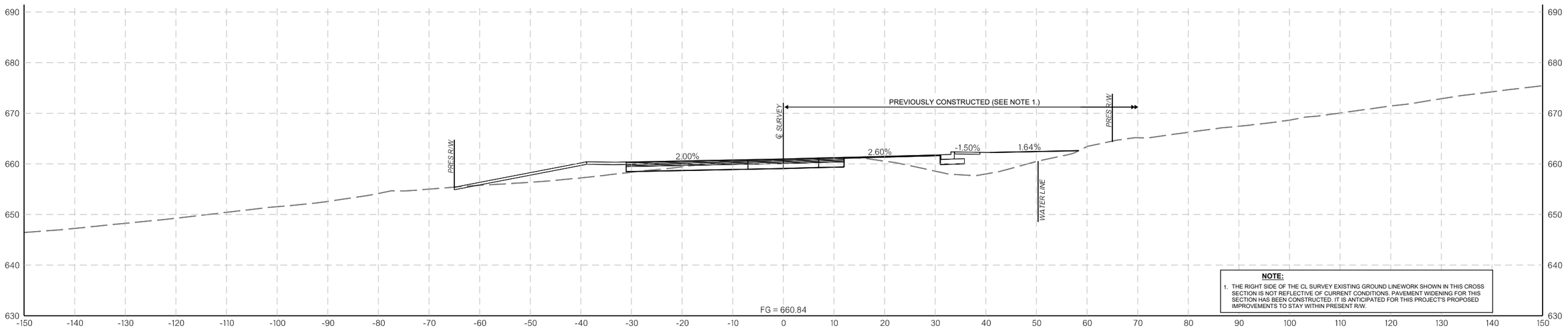
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



430+00.00



429+41.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X061

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

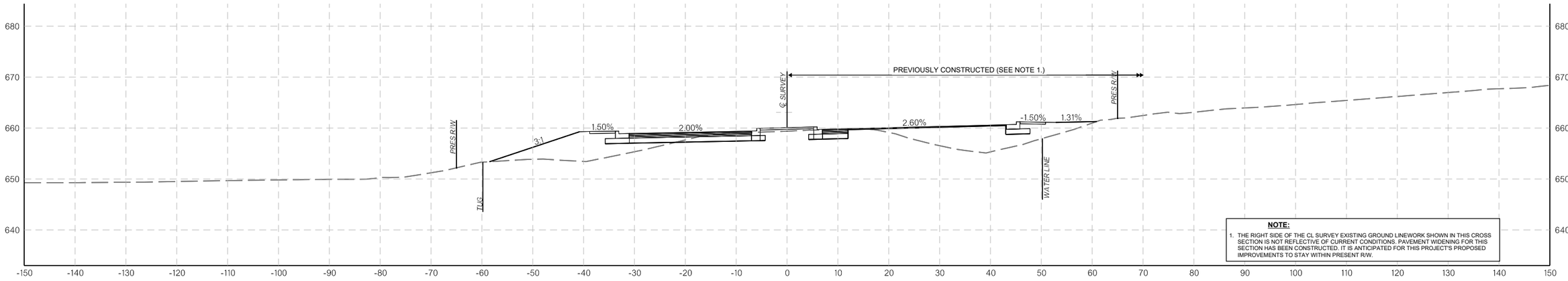
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

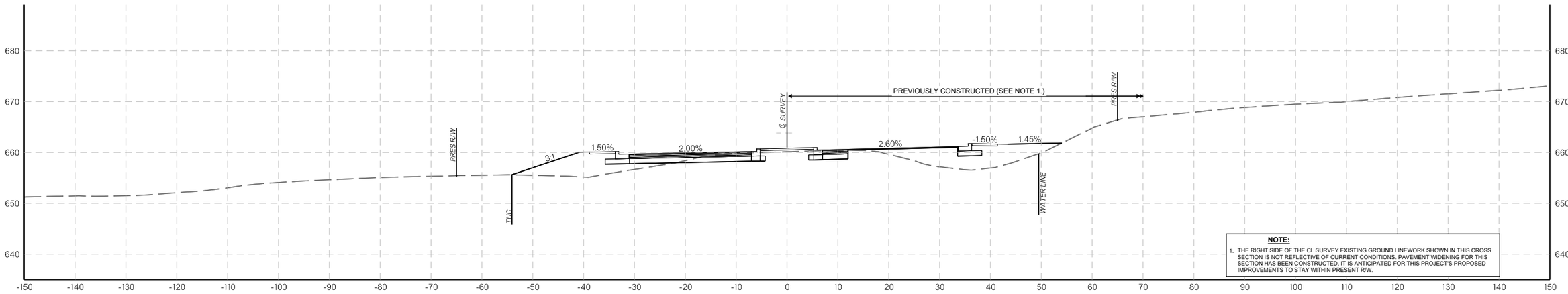
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5

VOLUMES (CY)

PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5



432+00.00



431+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X062

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

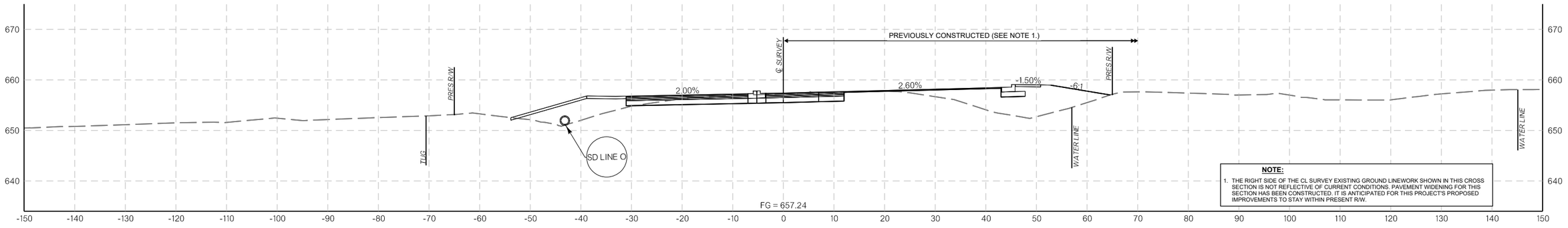
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

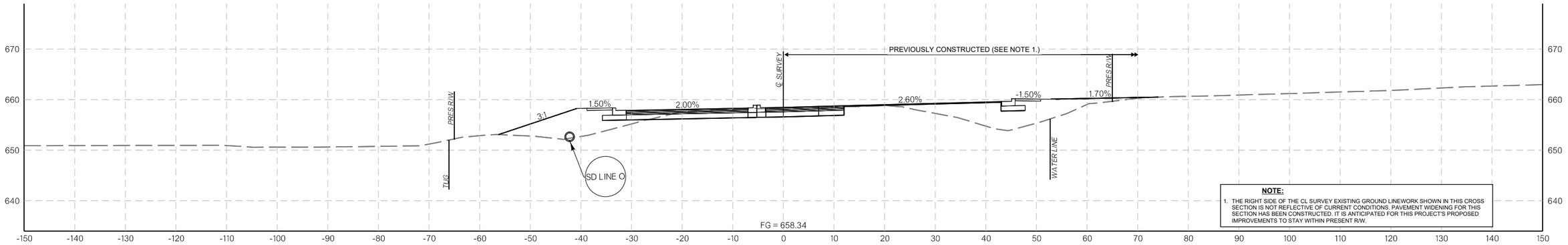
PHASE 1 **PHASE 2** **PHASE 3** **PHASE 4** **PHASE 5**

VOLUMES (CY)

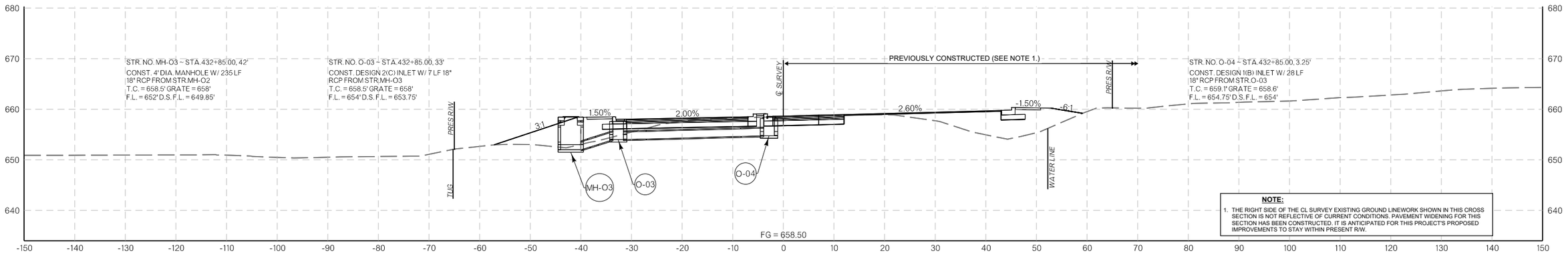
PHASE 1 **PHASE 2** **PHASE 3** **PHASE 4** **PHASE 5**



434+00.00



433+00.00



432+85.00

7/9/2024

CROSS SECTIONS

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

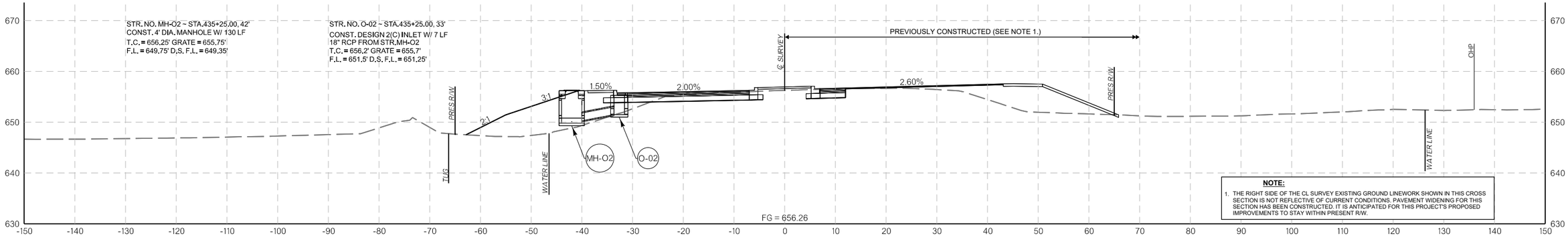
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

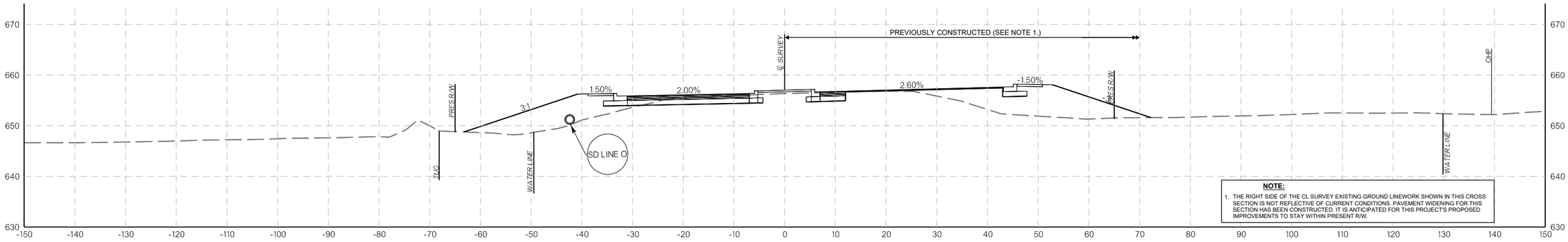
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5

VOLUMES (CY)

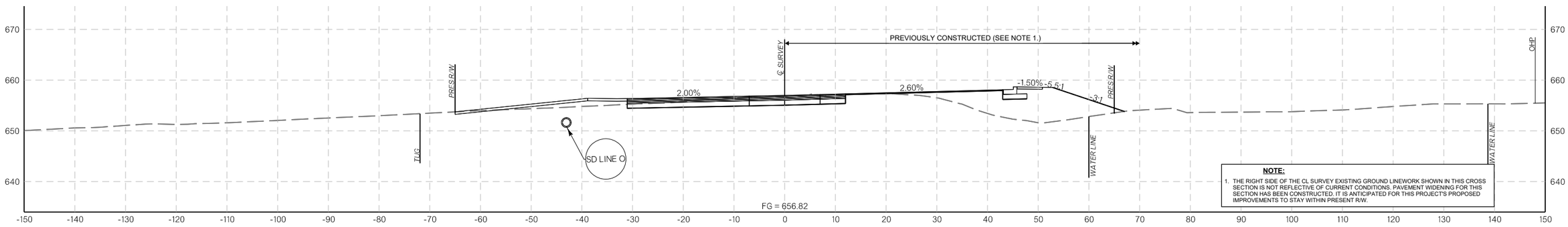
PHASE 1 | PHASE 2 | PHASE 3 | PHASE 4 | PHASE 5



435+25.00



435+00.00



434+40.60

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X064

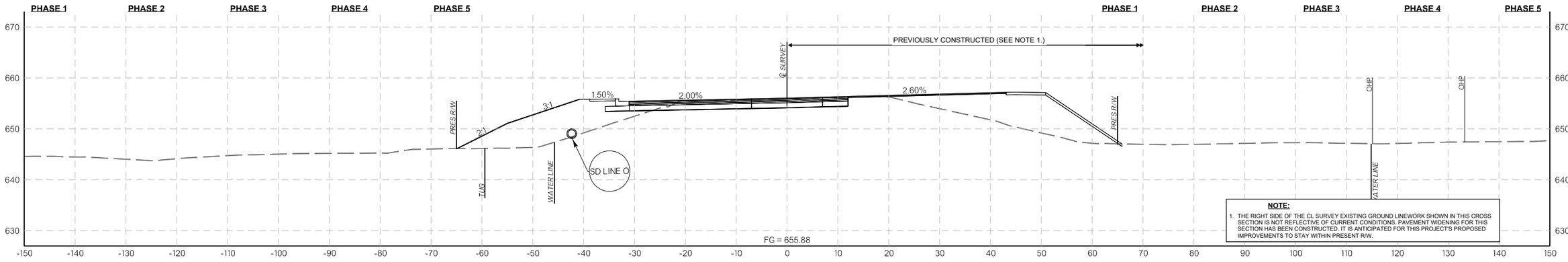
OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

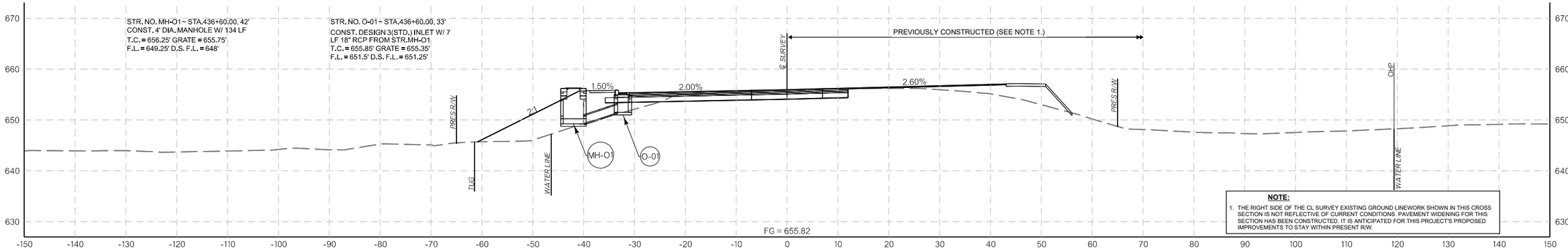
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

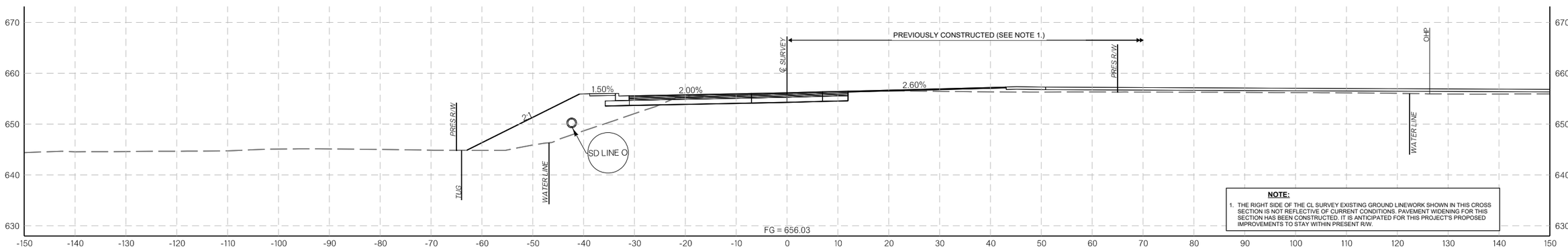
VOLUMES (CY)



437+00.00



436+60.00



436+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X065

OKLAHOMA DEPARTMENT OF TRANSPORTATION

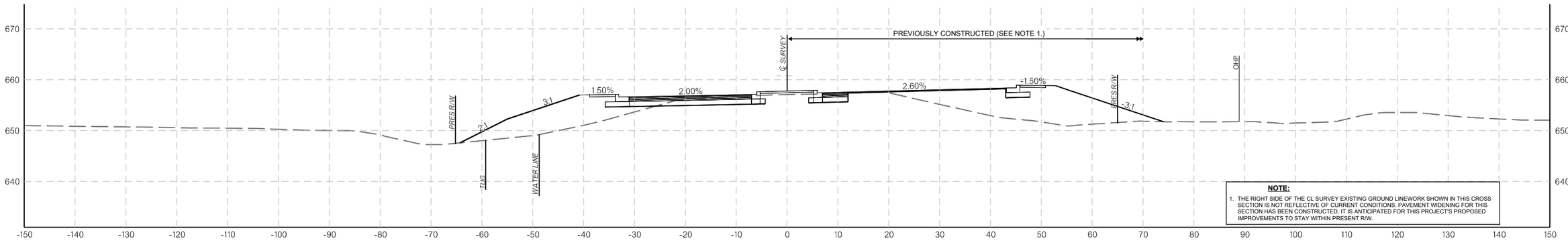
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
2	OKLA.				

DESCRIPTION	REVISIONS	DATE

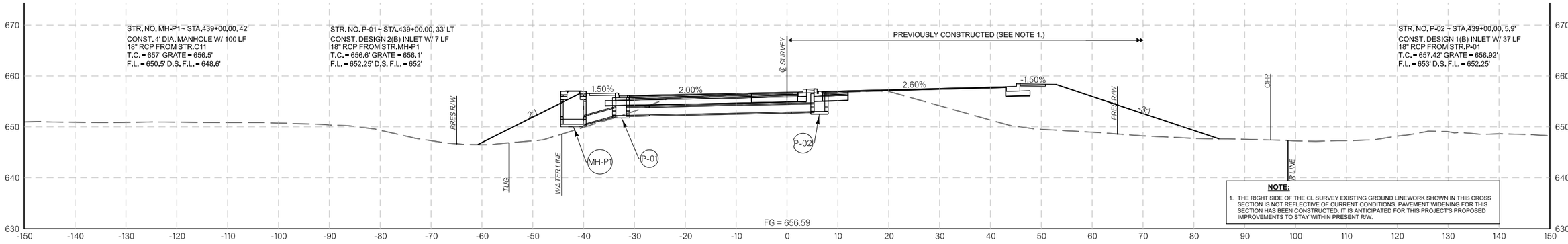
END AREAS (SF)

VOLUMES (CY)

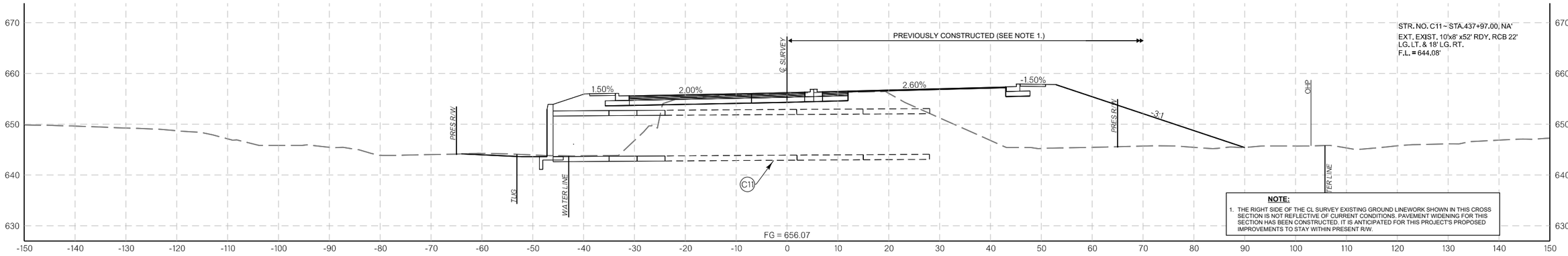
PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5 PHASE 1 PHASE 2 PHASE 3 PHASE 4 PHASE 5



440+00.00



439+00.00



438+00.00

7/9/2024

CROSS SECTIONS

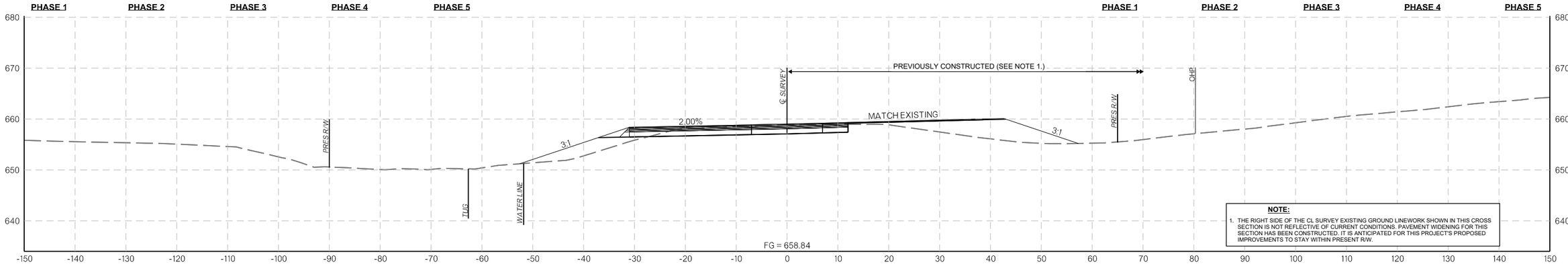
COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X066

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
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2	OKLA.				

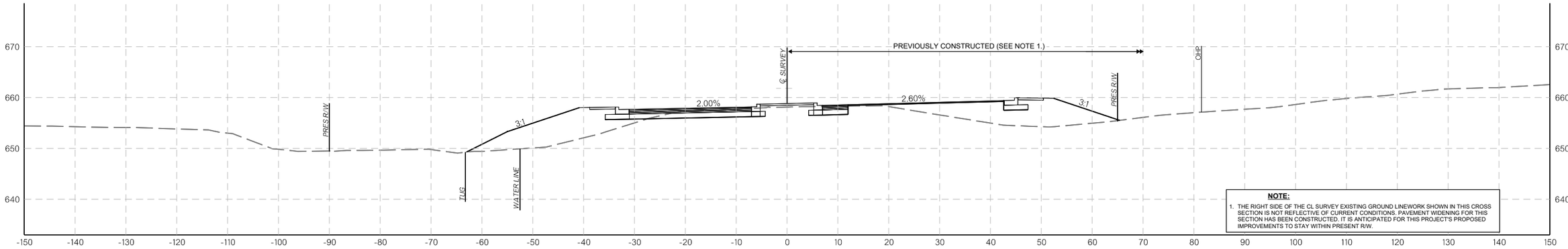
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

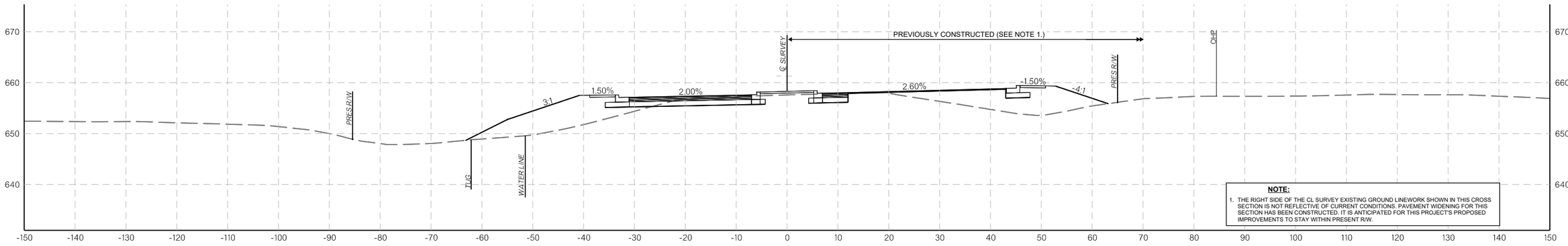
VOLUMES (CY)



443+00.00



442+00.00



441+00.00

7/9/2024

CROSS SECTIONS

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X067

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

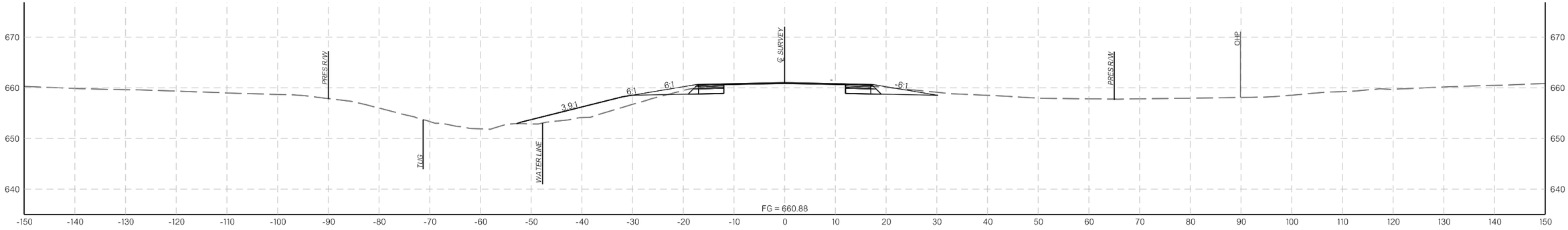
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

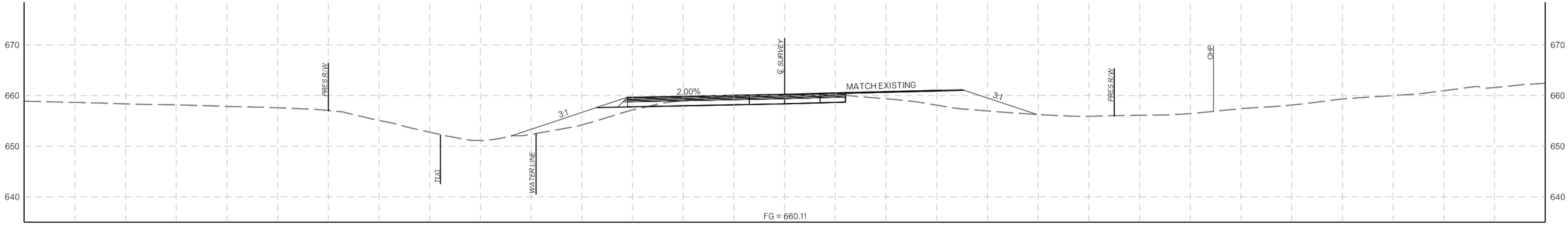
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5

VOLUMES (CY)

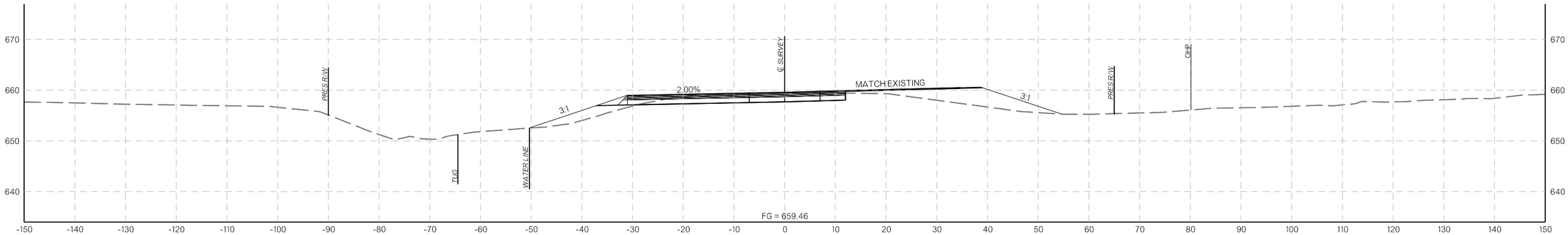
PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5



446+00.00



445+00.00



444+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X068

OKLAHOMA DEPARTMENT OF TRANSPORTATION

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

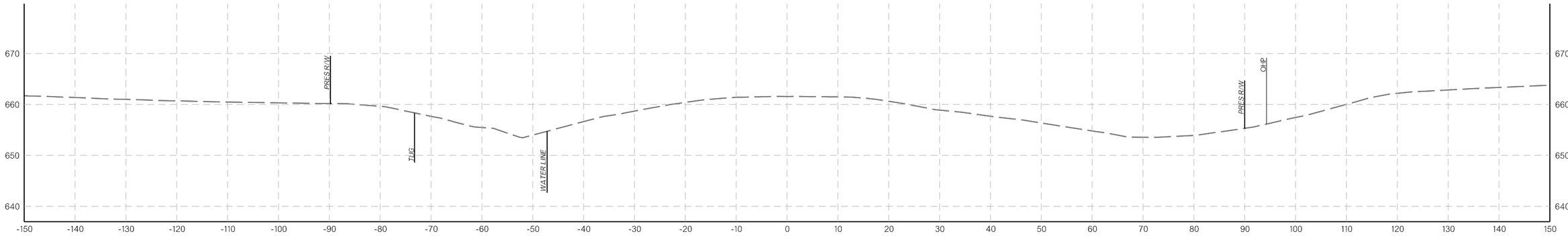
DESCRIPTION	REVISIONS	DATE

END AREAS (SF)

PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5

VOLUMES (CY)

PHASE 1	PHASE 2	PHASE 3	PHASE 4	PHASE 5



447+00.00

CROSS SECTIONS

7/9/2024

COUNTY MCCURTAIN HIGHWAY US-259 STATE JOB NO. 34333(08) SHEET NO. X069