DESIGN DESIGNATION

A.A.D.T. - 2025 = 5,260
A.A.D.T. - 2045 = 6,427
PEAK HOUR 8.09%
T = 10.45%
V = 45 M.P.H.
DIRECTIONAL DISTRIBUTION 49.6%/50.4%
FUNCTIONAL CLASSIFICATION- URBAN PRINCIPAL ARTERIAL

RIGHT OF WAY

NO NEW R/W

CONVENTIONAL SYMBOLS

(USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	FO	FO
OVERHEAD CABLE TV	OTV	OTV
UNDERGROUND CABLE TV	UTV	UTV
OVERHEAD TELEPHONE	OT	OT
UNDERGROUND TELEPHONE	UT	UT
OVERHEAD POWER	OE	OE
UNDERGROUND POWER	UE	UE
SANITARY SEWER	S	S
STORM SEWER	SS	SS
GAS	G	G
WATER	W	W
MANHOLE	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	D	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	V	
WOVEN WIRE	X	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY ADAIR COUNTY ROUTE MO 6

T63N, R15W

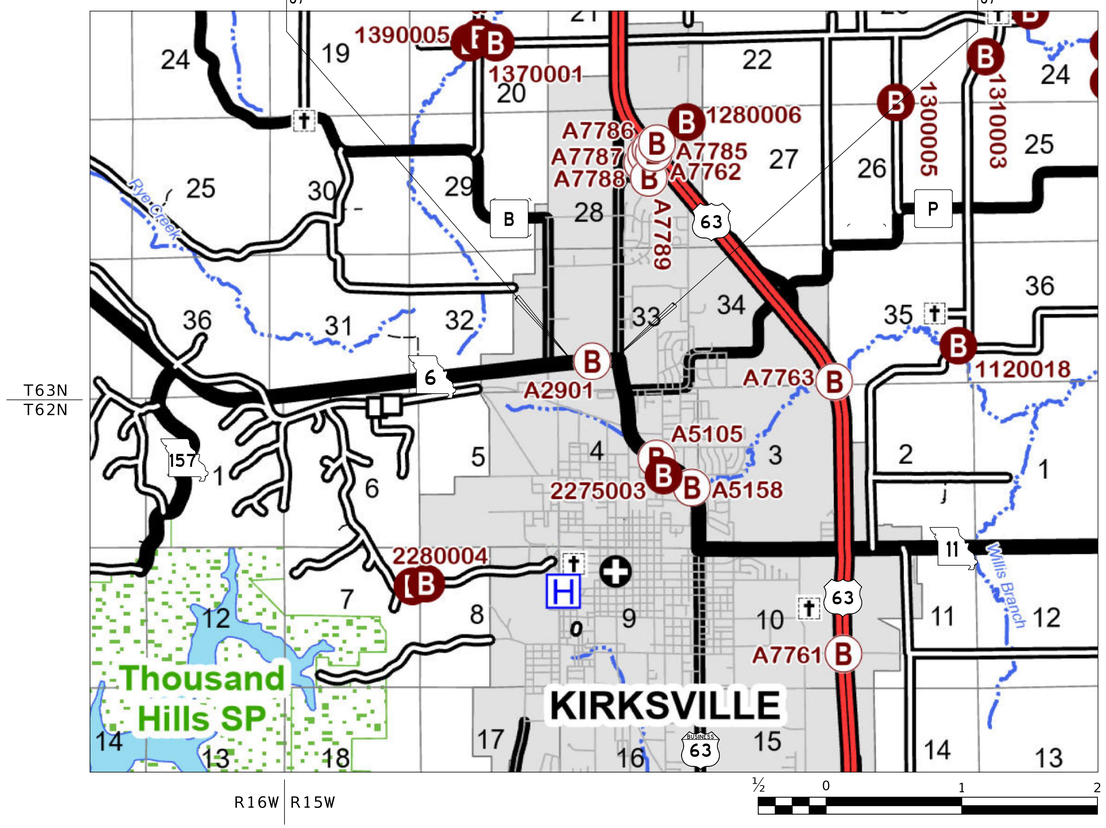


KEY MAP
LOCATION OF ADAIR COUNTY

PROJECT LIMITS
GRADING, PAVING, AND
REMOVAL OF BRIDGE A2901

BEG. PROJECT STA. 829+50.90

END PROJECT STA. 831+50.90



THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (2 SHEETS)	3
PLAN-PROFILE (PP)	4
COORDINATE POINTS (CP)	5
REFERENCE POINTS (RP)	6
SPECIAL SHEETS (SS)	7-8
EROSION CONTROL SHEETS (EC)	9
TRAFFIC CONTROL SHEETS (TC)	10-12
CULVERT SECTIONS (CS)	13
CROSS SECTIONS (XS)	1-3

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA.	829+50.90
END OF PROJECT	STA.	831+50.90
APPARENT LENGTH		200.00 FEET
EQUATIONS AND EXCEPTIONS:		
NONE		0.00 FEET
TOTAL CORRECTIONS		0.00 FEET
NET LENGTH OF PROJECT		200.00 FEET
STATE LENGTH		0.038 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES		0.86 ACRES

STATE OF MISSOURI
DALTON Z HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
09/28/2026 3:41:50 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED: 9/24/2026

ROUTE	STATE
6	MO
DISTRICT	SHEET NO.
NE	1

COUNTY: ADAIR
JOB NO.: JNE0142
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

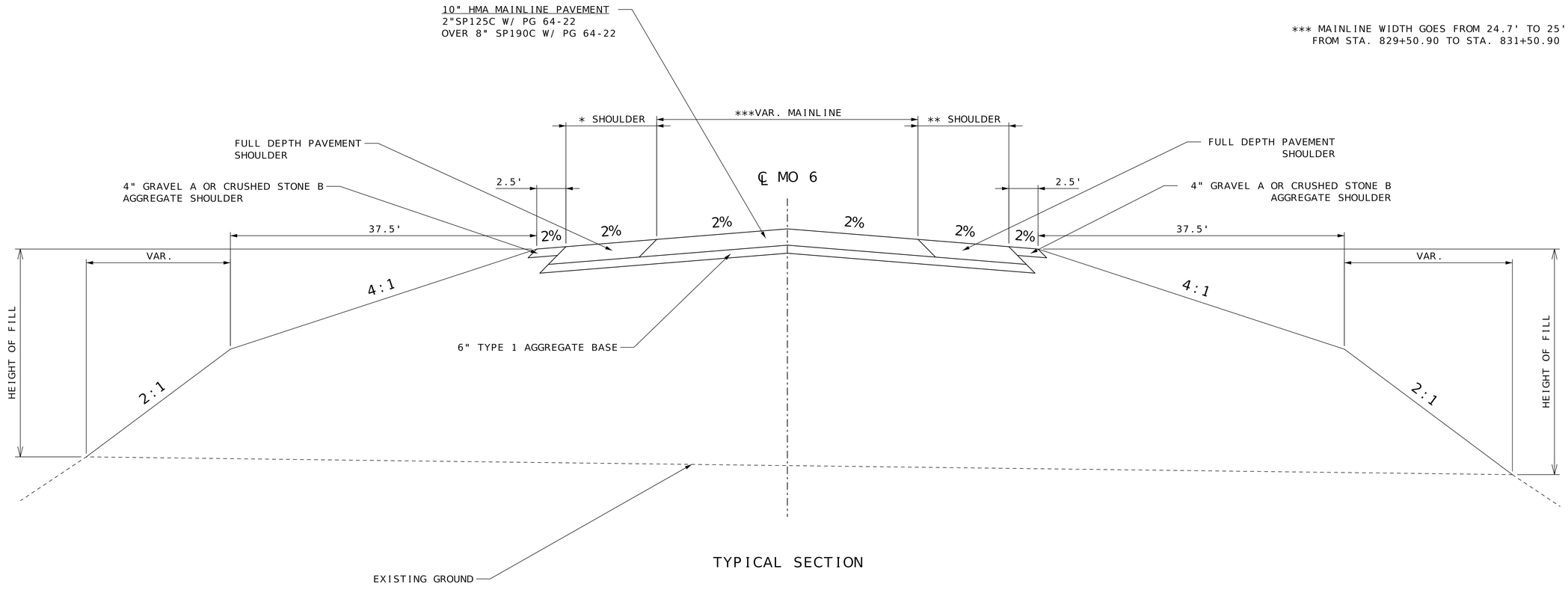
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TITLE SHEET
SHEET 1 OF 1

* SHOULDER WIDTH GOES FROM 9.3' TO 9'
FROM STA. 829+50.90 TO 831+50.90

** SHOULDER WIDTH GOES FROM 9.7' TO 8'
FROM STA. 829+50.90 TO 831+50.90

*** MAINLINE WIDTH GOES FROM 24.7' TO 25'
FROM STA. 829+50.90 TO STA. 831+50.90



TYPICAL SECTION

STA. 829+50.90 TO STA. 831+50.90

STATE OF MISSOURI
DALTON Z. HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
09/28/2026 3:42:19 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED
9/24/2026

ROUTE	STATE
6	MO
DISTRICT	SHEET NO.
NE	2

COUNTY
ADAIR

JOB NO.
JNE0142

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TYPICAL SECTION
SHEET 1 OF 1

REMOVAL OF IMPROVEMENTS

SHEET	STATION	STATION	LOCATION	QUANTITY UNITS	REMARKS
7	829+73.50	831+18.50	RTE 6	1 EACH	REMOVE 146' BRIDGE A2901
7	828+11.14	832+76.88	RTE 6	476 LIN. FT.	REMOVE GUARDRAIL ON EAST AND WEST SIDE OF BRIDGE A2901
7	829+50.90	831+50.90	RTE 6	85.7 LIN. FT.	SAW CUT AT BEGIN AND END OF NEW PAVEMENT
7	829+50.90	829+73.50	RTE 6	105.3 SQ.YD.	REMOVE EXISTING PAVEMENT ON THE WEST END OF BRIDGE A2901
7	831+18.50	831+50.90	RTE 6	153.5 SQ.YD.	REMOVE EXISTING PAVEMENT ON THE EAST END OF BRIDGE A2901
7	829+77.88	830+23.87	RTE 6	275.4 SQ. YD.	REMOVE EXISTING MISC. CONCRETE NEAR WEST END OF BRIDGE A2901
7	830+73.90	831+15.41	RTE 6	234.0 SQ. YD.	REMOVE EXISTING MISC. CONCRETE NEAR EAST END OF BRIDGE A2901
7	830+82.93		RTE 6	184 LIN. FT.	REMOVE EXISTING 36" CONCRETE PIPE
			TOTAL	1 LUMP SUM	

EARTHWORK

SHEET	STATION	STATION	LOCATION	CLASS A EXCAVATION C.Y.	COMPACTING EMBANKMENT C.Y.	EMBANKMENT IN PLACE C.Y.	REMARKS
4	829+50.90	831+50.90	RTE 6	176	156	13389	WHOLE PROJECT
			TOTALS	176	156	13389	

NOTE: COMPACTION FACTOR OF 1.13 USED FOR COMPACTING EMBANKMENT.
NOTE: QUANTITIES INCLUDE BRIDGE END SPILL SLOPES AND EXCAVATION FOR ROCK BLANKET.

SUBGRADE COMPACTION (6 INCH DEPTH)

SHEET	STATION	STATION	LOCATION	LENGTH 100 FT.	REMARKS
4	829+50.90	829+73.44	RTE 6	0.23	SUBGRADE PREPARATION FOR PAVEMENT WEST END OF BRIDGE
4	831+19.33	831+50.90	RTE 6	0.32	SUBGRADE PREPARATION FOR PAVEMENT EAST END OF BRIDGE
			TOTAL	0.32	
			USE	1.00	

ASPHALTIC CONCRETE MIXTURE PG 64-22 (SP125C AND SP190C), AND 6" TYPE 1 AGGREGATE BASE

SHEET	STATION	STATION	LOCATION	LENGTH FT.	WIDTH FT.	2" SP125C @ 1.927 TONS/CY TONS	8" SP190C @ 1.940 TONS/CY TONS	TYPE 1 AGG. FOR BASE (6") S.Y.	REMARKS
4	829+50.90	831+50.90	RTE 6	200	VAR.	59.12	238.07	552.22	MAINLINE (24.7' TO 25')
4	829+50.90	831+50.90	RTE 6	200	VAR.	21.77	87.66	203.33	NORTH SHOULDER (9.3' TO 9')
4	829+50.90	831+50.90	RTE 6	200	VAR.	21.05	84.79	196.67	SOUTH SHOULDER (9.7' TO 8')
					TOTAL	101.94	410.52	952.22	
					USE	101.9	410.5	953.0	

GRAVEL A OR CRUSHED STONE B - AGGREGATE SHOULDER

SHEET	STATION	STATION	WIDTH FT.	LENGTH FT.	AREA SF	GRAVEL A OR CRUSHED STONE B 1.4 TONS/CY TONS	REMARKS
4	829+50.90	831+50.90	2.5	200.00	500.0	8.64	NORTH AGG. SHOULDER
4	829+50.90	831+50.90	2.5	200.00	500.0	8.64	SOUTH AGG. SHOULDER
					TOTAL	17.3	
					USE	18.0	

NOTE: 1.4 TONS/CY FACTOR USED. 4" DEPTH OF ROCK ASSUMED

CLASS 1 PAVEMENT MARKING

SHEET	STATION	STATION	CLASS 1 MARKING PAINT WITH TYPE P BEADS 4" YELLOW L.F.	CLASS 1 MARKING PAINT WITH TYPE P BEADS 4" WHITE L.F.	REMARKS
7	829+50.90	831+50.90	400	-	DOUBLE STRIPE CENTERLINE MARKING
7	829+50.90	831+50.90	-	200	EBL EDGELINE
7	829+50.90	831+50.90	-	200	WBL EDGELINE
		TOTALS	400	400	

GROUP A PIPE

SHEET	STATION	LOCATION	SKEW	GROUP A 36" PIPE FT.	GROUP A FES EACH	CLASS 3 EXCAVATION C.Y.	ROCK LINING C.Y.	REMARKS
4	830+77.38	RTE 6	RA 01 21'02"	206	2	320.6	9.0	REPLACE EXISTING PIPE
		TOTALS		206	2	321	9	

TEMPORARY EROSION CONTROL

SHEET	SILT FENCE L.F.	ROCK DITCH CHECK L.F.	SEDIMENT TRAP C.Y.	SEDIMENT REMOVAL C.Y.	TYPE 2D EROSION CONTROL BLANKET S.Y.	REMARKS
9	868	40	3	14.0	2560	ADJUST FOR FIELD CONDITIONS
TOTAL	868	40	3	14	2560	

SEDIMENT REMOVAL ESTIMATED AT 1 CY PER DITCH CHECK AND 1 CY PER 100' OF SILT FENCE
NOTE: EROSION CONTROL BLANKET TO BE USED WITH PERMANENT SEEDING AT THE LOCATIONS SHOWN ON THE PLANS.

MISCELLANEOUS SEEDING

0.6 ACRES	ESTIMATED PERMANENT SEEDING
0.6 ACRES	ESTIMATED TEMPORARY SEEDING
TOTAL	1 ACRES EACH

NOTE: SEEDING ACRES FOR INFORMATION ONLY.

CONTRACTOR FURNISHED SURVEYING AND STAKING

1 LUMP SUM

CLEARING AND GRUBBING

TOTAL	CLEARING AND GRUBBING 0.03 ACRES
USE	1 LUMP SUM (APPROX. 0.1 ACRES)

MOBILIZATION

QUANTITY = 1 LUMP SUM

ADDITIONAL MOBILIZATION FOR SEEDING

QUANTITY = 1 EACH

STATE OF MISSOURI
DALTON Z HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
10/13/2026 11:15:00 AM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED: 10/13/2026
ROUTE: 6 | STATE: MO
DISTRICT: NE | SHEET NO.: 3
COUNTY: ADAIR
JOB NO.: JNE0142
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SUMMARY OF QUANTITIES
SHEET 1 OF 2

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00	3	15.00			20B	500 FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00						ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00	4	64.00			18	DETOUR AHEAD
WO20-3	48X48	16.00	3	48.00			20A	ROAD CLOSED AHEAD
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00						FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00						END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00	2	6.00			52	END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00						SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00	3	30.00			29	ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50	1	12.50			61	ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00						POINT OF PRESENCE
CONST-8	48X36	12.00						WORK ZONE NO PHONE ZONE
SPECIAL	96X48	32.00						BRIDGE CLOSED 7 MILES AHEAD
SPECIAL	96X48	32.00						BRIDGE CLOSED 854 FT AHEAD
SPECIAL	36X72	18.00	12	216.00			50A-K	DETOUR SIGN ASSEMBLY

616-10.05 CONSTRUCTION SIGNS	TOTAL
	392

616-10.10 RELOCATED SIGNS	TOTAL

ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025 DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	50	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030	31	TYPE 3 MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099	9	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

STATE OF MISSOURI
DALTON Z HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
09/28/2026 3:43:12 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED: 9/24/2026

ROUTE	STATE
6	MO
DISTRICT	SHEET NO.
NE	3

COUNTY: ADAIR

JOB NO.: JNE0142

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

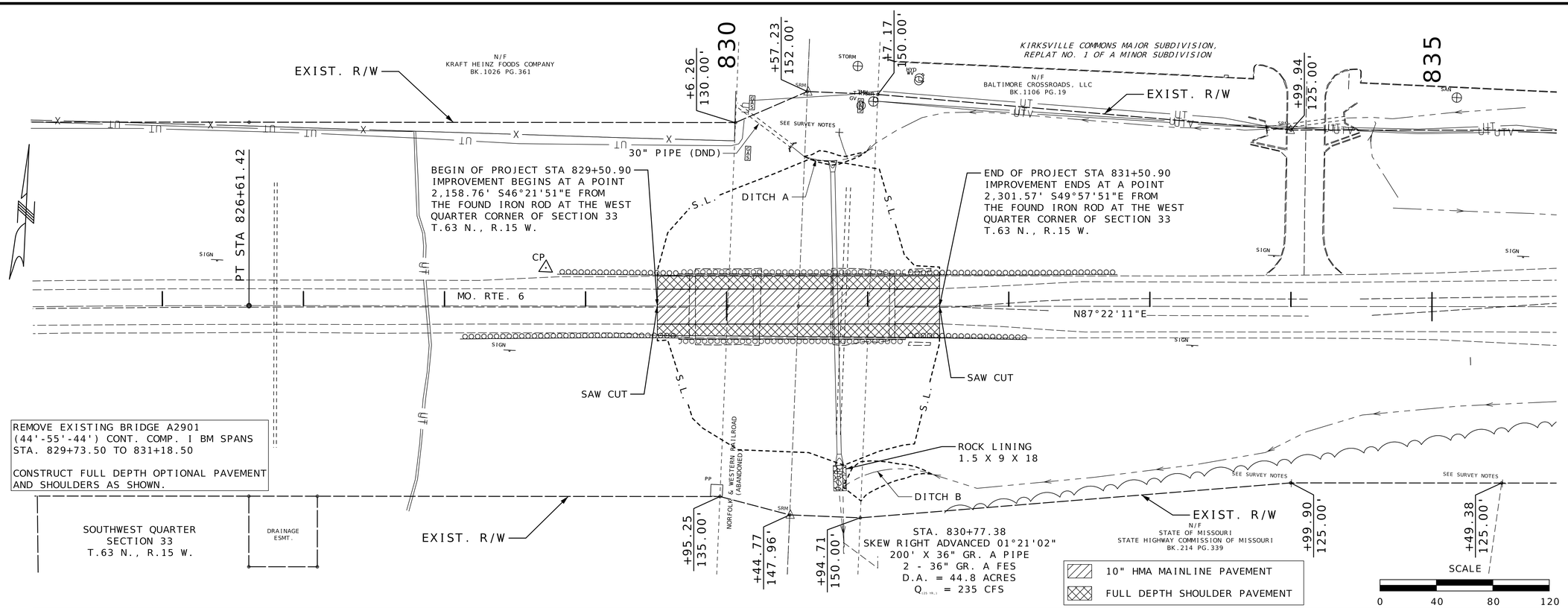
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

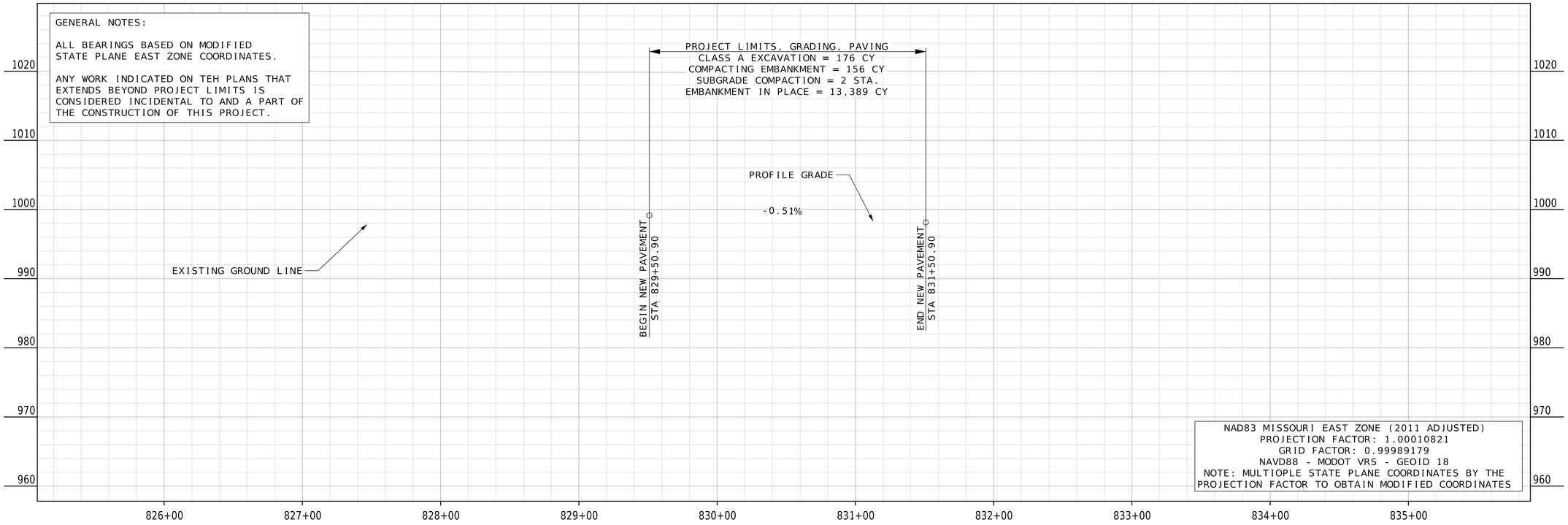
SUMMARY OF QUANTITIES
SHEET 2 OF 2



GENERAL NOTES:

ALL BEARINGS BASED ON MODIFIED STATE PLANE EAST ZONE COORDINATES.

ANY WORK INDICATED ON TEH PLANS THAT EXTENDS BEYOND PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.



NAD83 MISSOURI EAST ZONE (2011 ADJUSTED)
PROJECTION FACTOR: 1.00010821
GRID FACTOR: 0.99989179
NAVD88 - MODOT VRS - GEOID 18
NOTE: MULTIOPLE STATE PLANE COORDINATES BY THE PROJECTION FACTOR TO OBTAIN MODIFIED COORDINATES

STATE OF MISSOURI
DALTON Z HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
09/28/2026 3:43:44 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED
9/24/2026

ROUTE	STATE
6	MO
DISTRICT	SHEET NO.
NE	4

COUNTY
ADAIR

JOB NO.
JNE0142

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

PLAN-PROFILE
SHEET 1 OF 1

ALL PROJECT COORDINATES HAVE BEEN PROJECTED FROM THE MISSOURI STATE PLANE COORDINATE (SPC) SYSTEM OF 1983 USING AN AVERAGE PROJECT PROJECTION (GRID TO GROUND) FACTOR. TO GET BACK TO STATE PLANE COORDINATES MULTIPY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MODIFIED STATE PLANE (GROUND)
HORIZONTAL DATUM	NAD 83(2011) EPOCH 2010.0
VERTICAL DATUM	NAVD 88: GN SS DERIVED
GEOID MODEL	12B
ELEVATIONS DETERMINED BY	DIFFERENTIAL LEVELING / GPS - MODOT VRS
PROJECT PROJECTION FACTOR	1.00010820849239

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT EDINA CORS ARP
CORS_ID	MOED
PID	DM4674
LATITUDE	40 11 11.65653 N
LONGITUDE	092 10 30.28766 W
NORTHING (M)	483213.887
EASTING (M)	527668.699
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	0.99989179150761

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

PROJECT NORTHING X AVERAGE GRID FACTOR
= STATE PLANE NORTHING
PROJECT EASTING X AVERAGE GRID FACTOR
= STATE PLANE EASTING

EXAMPLE: CONTROL POINT #__GPS 1_
N 1596170.765 X 0.99989179150761 = N 1595998.046
E 1615083.786 X 0.99989179150761 = E 1614909.020

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION
PROJECT CONTROL POINTS							
6	816+28.97	CL RTE 6	36.1014 RT	1,596,170.77	1,615,083.79	966.75	GPS 1 (IRON ROD W/ CAP)
6	828+71.81	CL RTE 6	26.9503 LT	1,596,328.54	1,616,317.43	997.95	GPS 2 (IRON ROD W/ CAP)
6	837+91.32	CL RTE 6	61.4131 LT	1,596,405.16	1,617,234.38	980.30	GPS 3 (IRON ROD W/ CAP)
ALIGNMENTS							
4	829+50.90	CL RTE 6	-	1,596,305.23	1,616,397.65	999.15	BEG PROJECT (NEW PAVEMENT)
4	831+50.90	CL RTE 6	-	1,596,314.41	1,616,597.44	998.14	END PROJECT (NEW PAVEMENT)

STATE OF MISSOURI
DALTON Z HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
09/28/2026 3:44:10 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED: 9/24/2026

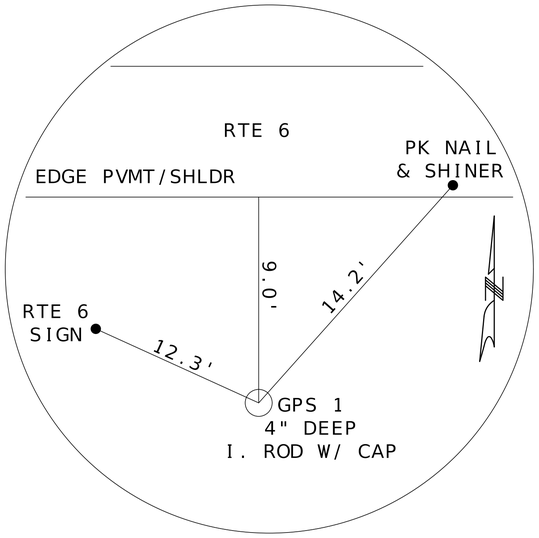
ROUTE	STATE
6	MO
DISTRICT	SHEET NO.
NE	5

COUNTY: ADAIR
JOB NO.: JNE0142
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

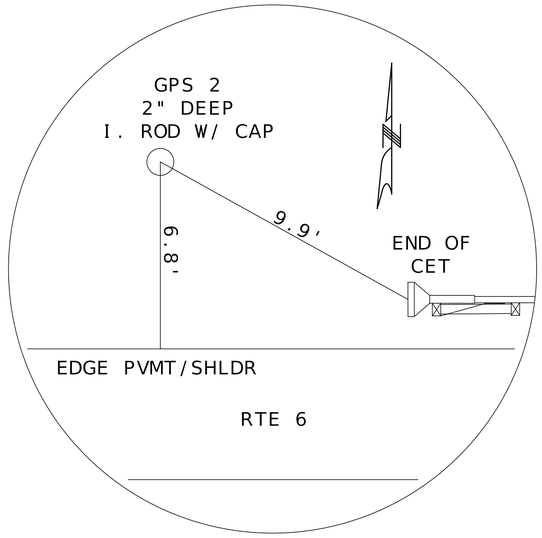
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

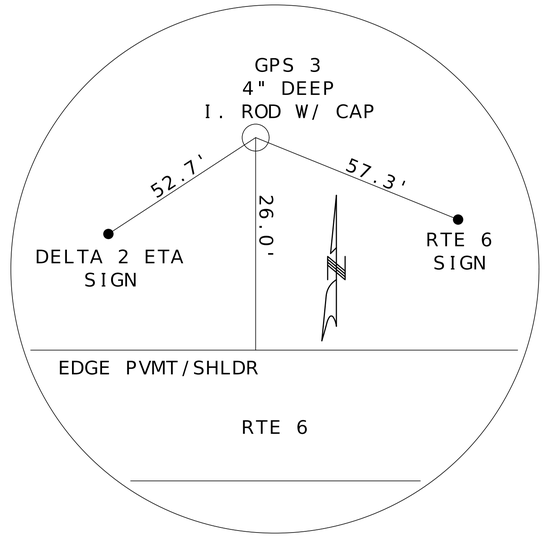
COORDINATE POINTS
SHEET 1 OF 1



GPS 1
STA. 816+28.97 - 9.0' RT
N = 1,595,998.046
E = 1,614,909.020
ELEV. = 966.745'



GPS 2
STA. 828+71.81 - 6.8' LT
N = 1,596,155.802
E = 1,616,142.530
ELEV. = 997.949'



GPS 3
STA. 837+91.32 - 26.0' LT
N = 1,596,232.419
E = 1,617,059.384
ELEV. = 980.295'

HORIZONTAL CONTROL POINTS (MODOT VRS)

PROJECTION FACTOR 1.00010820849239

GRID FACTOR 0.99989179150761

GEOID 12B - CENTRAL ZONE

NOTE: MULTIPLY STATE PLANE COORDINATE BY THE

PROJECTION FACTOR TO OBTAIN MODIFIED COORDINATES

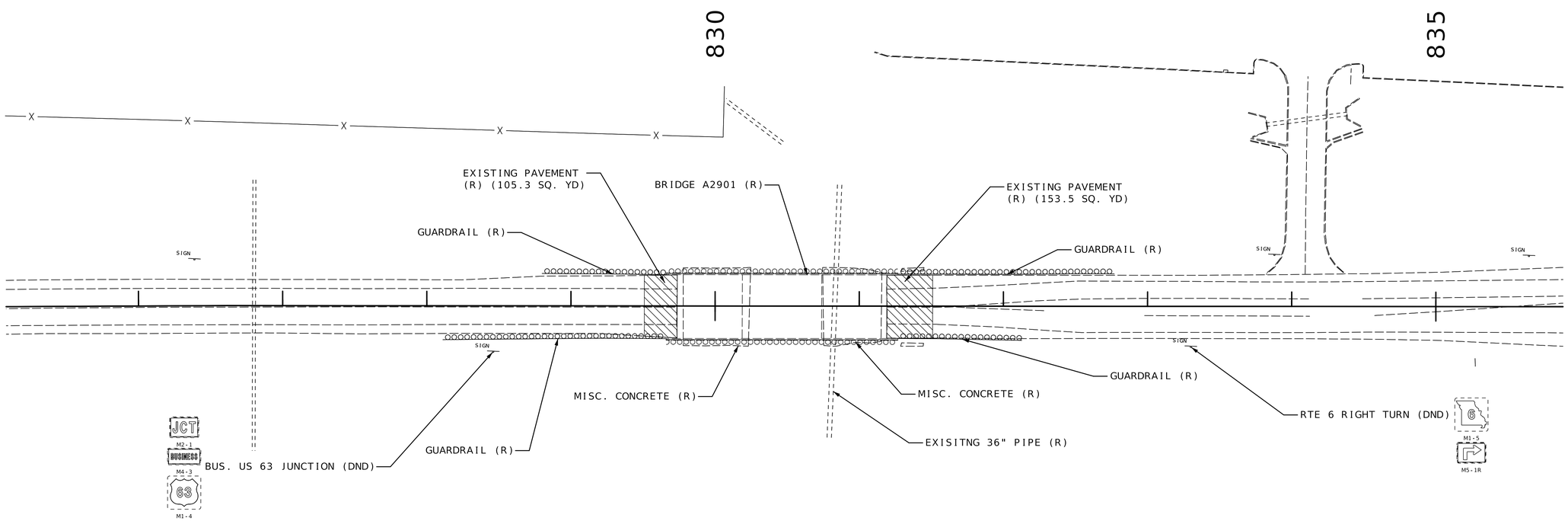
STATE OF MISSOURI
DALTON Z HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
09/28/2026 3:45:02 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED: 9/24/2026
ROUTE: 6 | STATE: MO
DISTRICT: NE | SHEET NO.: 6
COUNTY: ADAIR
JOB NO.: JNE0142
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

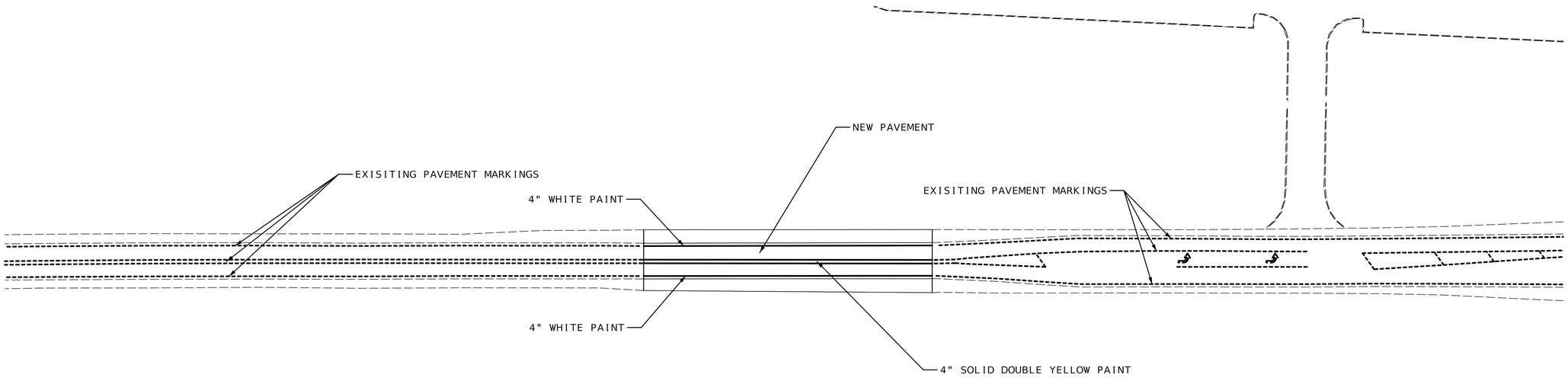
DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

REFERENCE POINTS
SHEET 1 OF 1



REMOVALS



PAVEMENT MARKINGS

STATE OF MISSOURI
DALTON Z HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
09/28/2026 3:45:54 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED
9/24/2026

ROUTE	STATE
6	MO
DISTRICT	SHEET NO.
NE	7

COUNTY
ADAIR

JOB NO.
JNE0142

CONTRACT ID.

PROJECT NO.

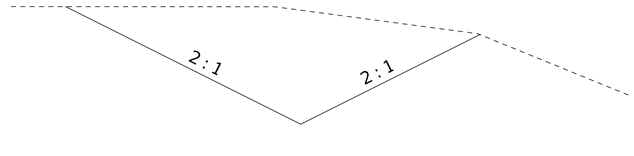
BRIDGE NO.

DESCRIPTION	DATE

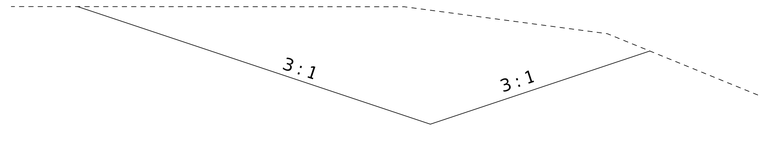
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SPECIAL SHEET
REMOVALS
PAVEMENT MARKING
SHEET 1 OF 2



DITCH A
CLASS A EXCAVATION
LENGTH: 45.07' (LOW POINT 20.24')
SLOPE: -0.50% / 3.92%
(NORTH DITCH)



DITCH B
CLASS A EXCAVATION
LENGTH: 66.07'
SLOPE: -10.75%
(SOUTH DITCH)

STATE OF MISSOURI
DALTON Z HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
09/28/2026 3:46:21 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED
9/24/2026

ROUTE	STATE
6	MO
DISTRICT	SHEET NO.
NE	8

COUNTY
ADAIR

JOB NO.
JNE0142

CONTRACT ID.

PROJECT NO.

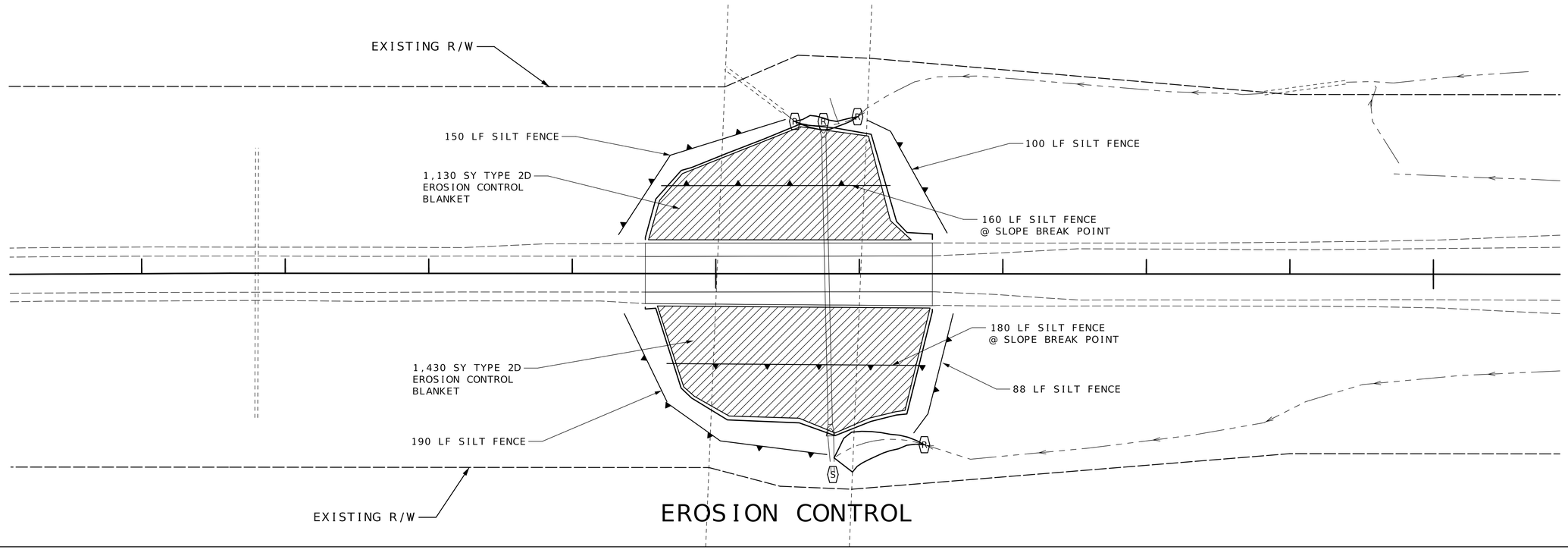
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SPECIAL SHEET
DITCH DETAILS
SHEET 2 OF 2



EROSION CONTROL

GENERAL NOTES:

CONTRACTOR SHALL FURNISH, INSTALL, MAINTAIN, AND REMOVE EROSION CONTROL DEVICES IN ACCORDANCE WITH MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION SECTION 806. ALL WORK TO BE IN ACCORDANCE WITH THE MISSOURI STATE OPERATING PERMIT FOR LAND DISTURBANCE AND THE STROMWATER POLLUTION PREVENTION PLAN (SWPPP). REFER TO MODOT ENGINEERING POLICY GUIDE (EPG).

INSTALLATION OF TEMPORARY EROSION CONTROL MEASURES SHALL COINCIDE WITH CLEARING AND GRUBBING OPERATIONS AND PRIOR TO ANY GRADING OPERATION.

LOCATE DEVICES AS SHOWN OR ADJUST TO SITE CONDITION AS DIRECTED BY THE ENGINEER.

IF SITE CONDITIONS DUE TO CONTRACTOR OPERATIONS DIFFER FROM THE TEMPORARY EROSION CONTROL PLAN, ADDITIONAL BEST MANAGEMENT PRACTICES (BMP) SHALL BE APPLIED AS APPROVED BY THE ENGINEER. ADDITIONAL TEMPORARY MEASURES SHALL BE USED TO CORRECT CONDITIONS THAT DEVELOP DURING CONSTRUCTION WHICH WERE NOT FORSEEN DURING THE DESIGN STAGE.

ALL PERMANENT EROSION CONTROL FEATURES SHALL BE INCORPORATED INTO THE PROJECT AT THE EARLIEST PRACTICAL TIME.

FIELD NOTES:

TEMPORARY EROSION CONTROL LEGEND

- TYPE 2D EROSION CONTROL BLANKET
- SILT FENCE
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP

STATE OF MISSOURI
DALTON Z. HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
09/28/2026 3:46:45 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED: 9/24/2026

ROUTE	STATE
6	MO
DISTRICT	SHEET NO.
NE	9

COUNTY: ADAIR
JOB NO.: JNE0142
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TEMPORARY EROSION CONTROL PLAN
SHEET 1 OF 1



PRE-CLOSURE
CMS BOARDS AT BRIDGE
(TO BE RELOCATED)

CMS BOARD MESSAGE
TO BE DETERMINED AND
APPROVED BY ENGINEER



WO20-3

20A



WO20-3

20B



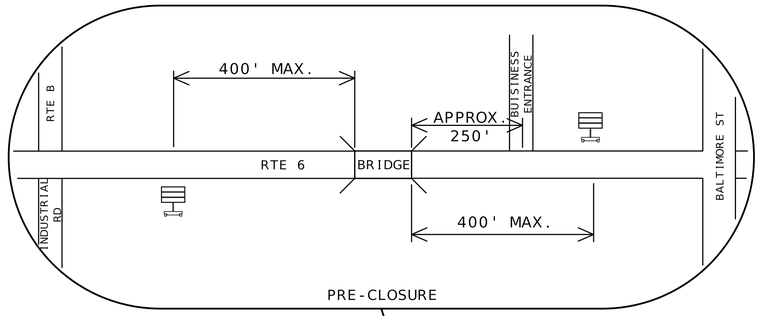
R11-2

29

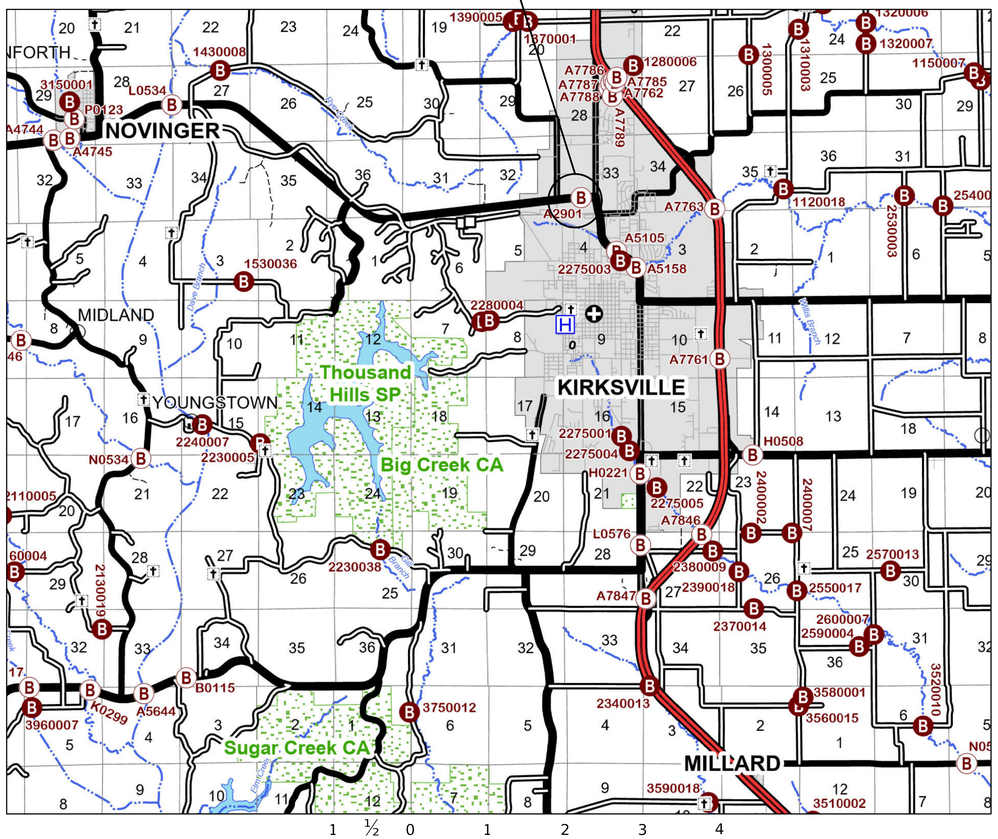


R11-4

61



PRE-CLOSURE



1 ½ 0 1 2 3 4

SCALE IN MILES

NOTES:

PLACE ALL SIGNS AND DEVICES AS SHOWN. ADJUST SPACING AND LOCATION AS NEEDED FOR FIELD CONDITIONS, AS DIRECTED BY THE ENGINEER.

* LOCATE SIGNS 100' FROM INTERSECTION UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER.

USE IN PLACE ALL SIGNS WHICH DO NOT CONFLICT WITH THIS PLAN. COVER OR REMOVE CONFLICTING SIGNS.

PLACE CMS BOARDS AS SHOWN AT LEAST TWO WEEKS IN ADVANCE OF THE ROAD CLOSURE.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- TYPE III MOVABLE BARRICADE
- CHANGEABLE MESSAGE BOARD

STATE OF MISSOURI
DALTON Z HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
09/28/2026 3:47:15 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED
9/24/2026

ROUTE	STATE
6	MO
DISTRICT	SHEET NO.
NE	10

COUNTY
ADAIR

JOB NO.
JNE0142

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL
SHEET 1 OF 3

BRIDGE	7 MILES	RTE 6
CLOSED	AHEAD	WEST
	RTE 6	CLOSED

POST-CLOSURE
RELOCATED CMS BOARDS, MAINTAIN
FOR THE DURATION OF THE CLOSURE

CMS BOARD MESSAGE
TO BE DETERMINED AND
APPROVED BY ENGINEER



WO20-3
20A



WO20-3
20B



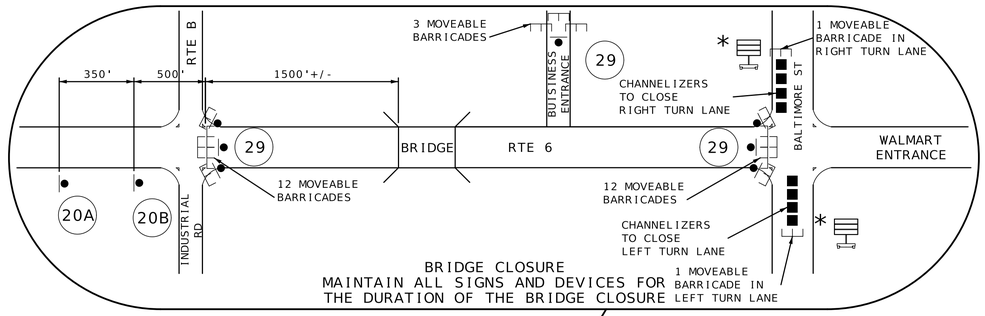
R11-2
29



R11-4
61

NOTE:

USE ENOUGH BARRICADES TO FULLY
CLOSE OFF THE ROADWAY OR ENTRANCE.



BRIDGE CLOSURE
MAINTAIN ALL SIGNS AND DEVICES FOR
THE DURATION OF THE BRIDGE CLOSURE

NOTES:

PLACE ALL SIGNS AND DEVICES AS SHOWN. ADJUST SPACING AND LOCATION AS NEEDED FOR FIELD CONDITIONS, AS DIRECTED BY THE ENGINEER.

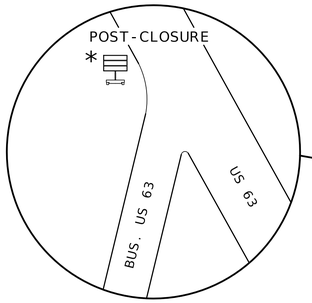
* LOCATE SIGNS 100' FROM INTERSECTION UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER.

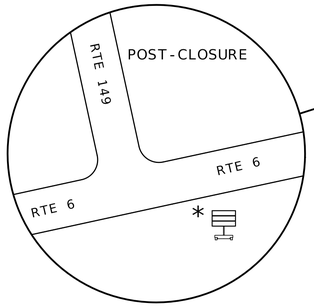
USE IN PLACE ALL SIGNS WHICH DO NOT CONFLICT WITH THIS PLAN. COVER OR REMOVE CONFLICTING SIGNS.

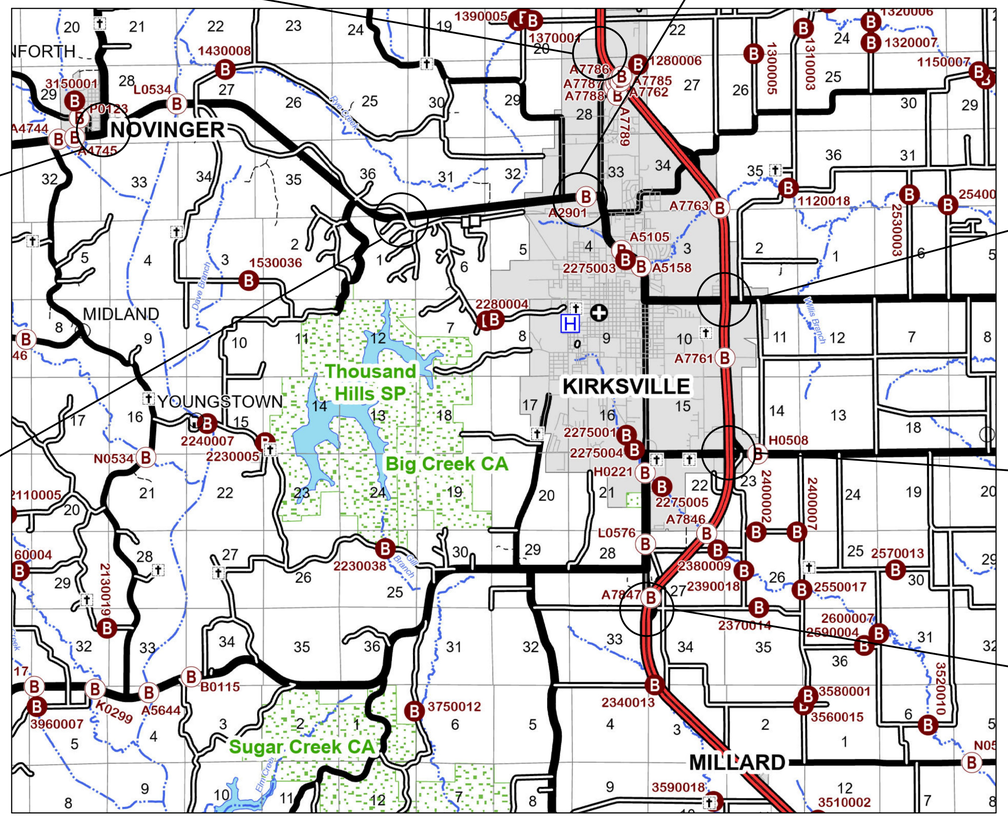
AT THE TIME OF CLOSURE, RELOCATE CMS BOARDS TO RTE 149 AND BALTIMORE ST AND CHANGE THE MESSAGE AS SHOWN OR DIRECTED. ADD ADDITIONAL CMS BOADS TO LOCATIONS AS SHOWN OR AS DIRECTED BY ENGINEER.

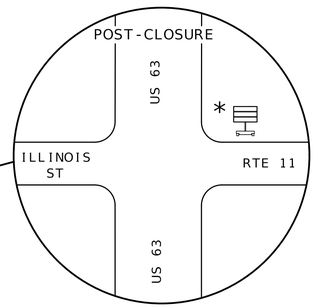
TRAFFIC CONTROL LEGEND

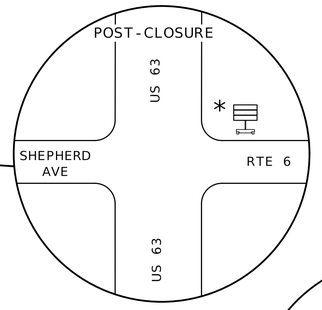
- SIGN (SINGLE SIDED)
- CHANNELIZER
- TYPE III MOVABLE BARRICADE
- CHANGEABLE MESSAGE BOARD

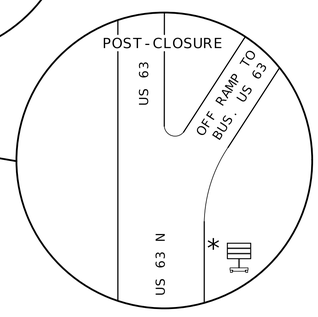












STATE OF MISSOURI
DALTON Z HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
09/28/2026 3:48:21 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED
9/24/2026

ROUTE	STATE
6	MO
DISTRICT	SHEET NO.
NE	11

COUNTY
ADAIR

JOB NO.
JNE0142

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL
SHEET 2 OF 3

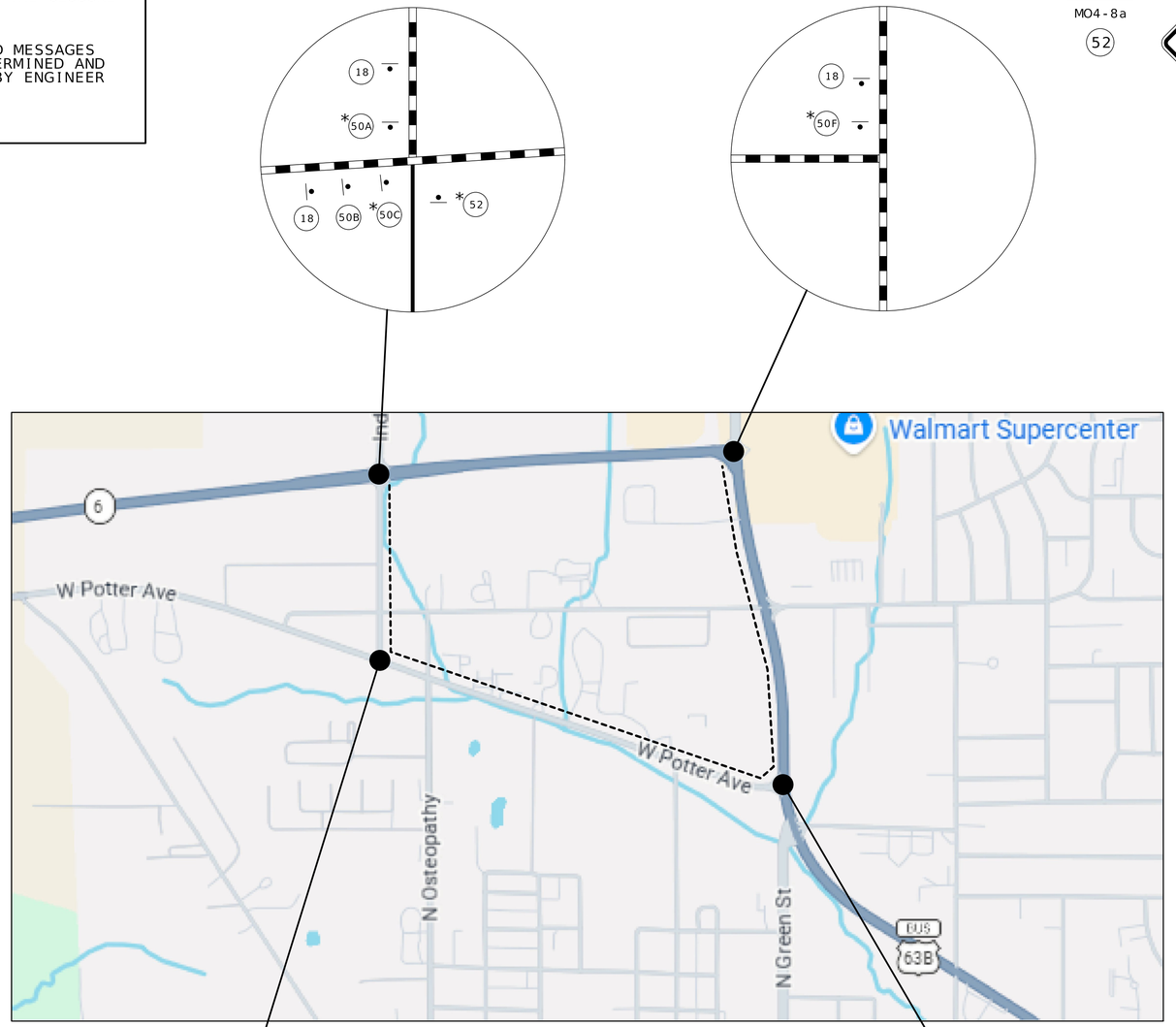
13 FT 8 IN
HEIGHT
LIMIT

POST-CLOSURE
CMS BOARDS, MAINTAIN FOR THE DURATION OF THE CLOSURE

CMS BOARD MESSAGES TO BE DETERMINED AND APPROVED BY ENGINEER

END DETOUR
MO4-8a
52

DETOUR AHEAD
WO20-2
18



DETOUR	DETOUR	DETOUR	DETOUR	DETOUR
MO4-8	MO4-8	MO4-8	MO4-8	MO4-8
EAST	EAST	EAST	EAST	EAST
M3-2	M3-2	M3-2	M3-2	M3-2
6	6	6	6	6
M1-5	M1-5	M1-5	M1-5	M1-5
M6-3	M5-1R	M6-1	M5-1L	M6-1
50A	50B	50C	50D	50E
(1)	(1)	(1)	(1)	(1)

DETOUR	DETOUR	DETOUR	DETOUR	DETOUR
MO4-8	MO4-8	MO4-8	MO4-8	MO4-8
WEST	WEST	WEST	WEST	WEST
M3-4	M3-4	M3-4	M3-4	M3-4
6	6	6	6	6
M1-5	M1-5	M1-5	M1-5	M1-5
M6-3	M5-1R	M6-1	M5-1L	M6-1
50F	50G	50H	50J	50K
(1)	(2)	(2)	(1)	(1)

NOTES:

PLACE ALL SIGNS AND DEVICES AS SHOWN. ADJUST SPACING AND LOCATION AS NEEDED FOR FIELD CONDITIONS, AS DIRECTED BY THE ENGINEER.

* LOCATE SIGNS 100' FROM INTERSECTION UNLESS OTHERWISE INSTRUCTED BY THE ENGINEER.

USE IN PLACE ALL SIGNS WHICH DO NOT CONFLICT WITH THIS PLAN. COVER OR REMOVE CONFLICTING SIGNS.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- TYPE III MOVABLE BARRICADE
- DETOUR ROUTE
- CHANGEABLE MESSAGE BOARD

STATE OF MISSOURI
DALTON Z HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER
09/28/2026 3:48:47 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED
9/24/2026

ROUTE	STATE
6	MO
DISTRICT	SHEET NO.
NE	12

COUNTY
ADAIR

JOB NO.
JNE0142

CONTRACT ID.

PROJECT NO.

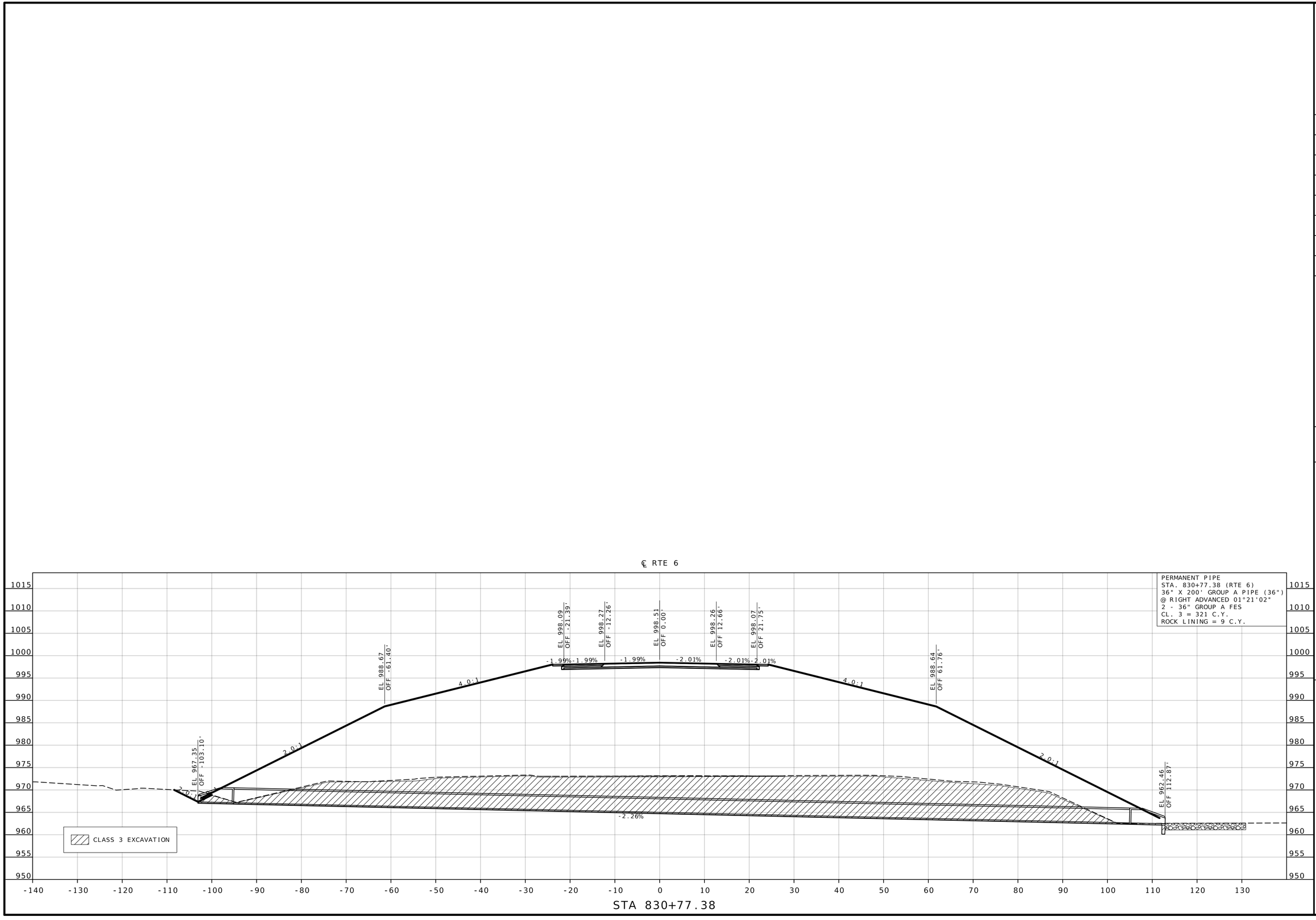
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL
DETOUR
SHEET 3 OF 3



STATE OF MISSOURI
DALTON Z. HANDLING
NUMBER PE-2026013017
PROFESSIONAL ENGINEER

09/28/2026 3:49:16 PM
DALTON Z. HANDLING - CIVIL
MO-PE-2026013017

DATE PREPARED
9/24/2026

ROUTE	STATE
6	MO
DISTRICT	SHEET NO.
NE	13

COUNTY
ADAIR

JOB NO.
JNE0142

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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CULVERT SECTION
SHEET 1 OF 1