

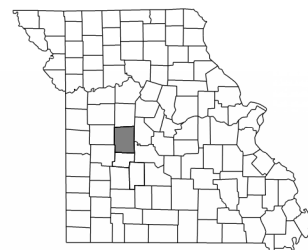
### DESIGN DESIGNATION

A.A.D.T. - 2025 = 5,040  
 A.A.D.T. - 2045 = 5,574  
 D.H.V. = 10.2%  
 T = 4.9%  
 V = 55 M.P.H.  
 D = 50%

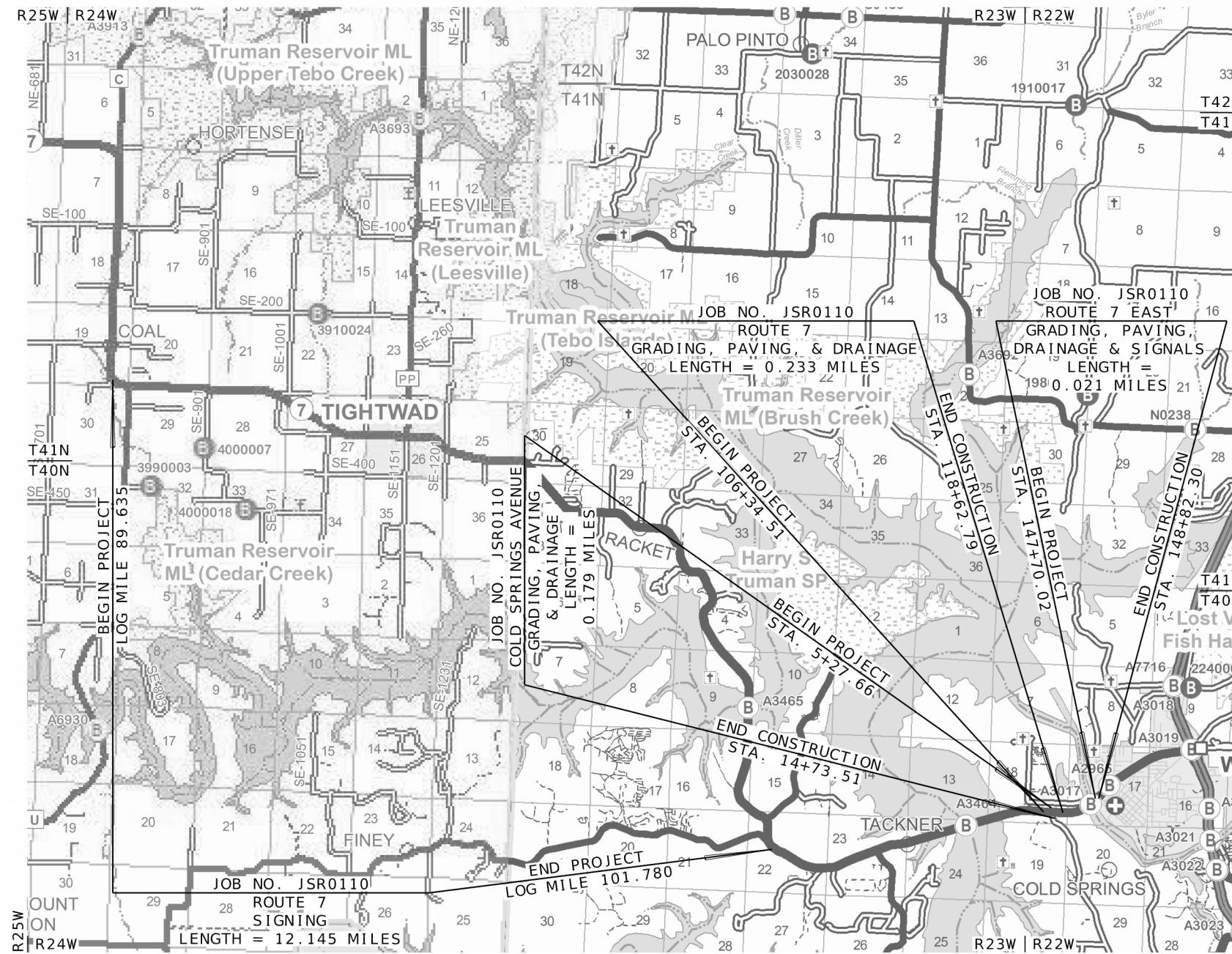
FUNCTIONAL CLASSIFICATION- PRINCIPAL ARTERIAL

**NO RIGHT OF WAY  
TO BE ACQUIRED**

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY SECTION 18 TOWNSHIP 40N, RANGE 22W BENTON COUNTY



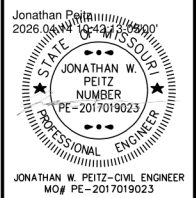
KEY MAP  
LOCATION OF BENTON COUNTY



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) (6 SHEETS)	2
QUANTITIES (QU) (5 SHEETS)	3
PLAN-PROFILE (PP)	4-11
COORDINATE POINTS (CP)	12-13
SPECIAL SHEETS (SS)	14-19
TRAFFIC CONTROL SHEETS (TC)	20-28
EROSION CONTROL SHEETS (EC)	29-46
LIGHTING (LT)	47-53
SIGNALS (SG)	54-59
SIGNING (SN)	60-75
PAVEMENT MARKING (PM)	76-81
CULVERT SECTIONS (CS)	82-91
CROSS SECTIONS (XS)	1-99



4/14/2026

ROUTE <b>7</b>	STATE <b>MO</b>
DISTRICT <b>SW</b>	SHEET NO. <b>1</b>
COUNTY <b>BENTON</b>	
JOB NO. <b>JSR0110</b>	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

### CONVENTIONAL SYMBOLS (USED IN PLANS)

	EXISTING	NEW
BUILDINGS AND STRUCTURES	[Symbol]	[Symbol]
GUARD RAIL	[Symbol]	[Symbol]
GUARD CABLE	[Symbol]	[Symbol]
CONCRETE RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
STEEL RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
LOCATION SURVEY MARKER	[Symbol]	[Symbol]
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	[Symbol]	[Symbol]
FIRE HYDRANT	[Symbol]	[Symbol]
WATER VALVE	[Symbol]	[Symbol]
WATER METER	[Symbol]	[Symbol]
DROP INLET	[Symbol]	[Symbol]
DITCH BLOCK	[Symbol]	[Symbol]
GROUND MOUNTED SIGN	[Symbol]	[Symbol]
LIGHT POLE	[Symbol]	[Symbol]
H-FRAME POWER POLE	[Symbol]	[Symbol]
TELEPHONE PEDESTAL	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]
CHAIN LINK	[Symbol]	[Symbol]
WOVEN WIRE	[Symbol]	[Symbol]
GATE POST	[Symbol]	[Symbol]
BENCHMARK	[Symbol]	[Symbol]

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

### LENGTH OF PROJECT

ROUTE 7		
BEGINNING OF PROJECT	LOG MILE 89.635	
END OF PROJECT	LOG MILE 101.780	
APPARENT LENGTH	64,125 FEET	
EQUATIONS AND EXCEPTIONS:		
ROUTE 7		
BEGINNING OF PROJECT	STA. 106+34.51	
END OF PROJECT	STA. 118+62.79	
APPARENT LENGTH	1,228.28 FEET	
EQUATIONS AND EXCEPTIONS:		
COLD SPRINGS AVENUE		
BEGINNING OF PROJECT	STA. 5+27.66	
END OF PROJECT	STA. 14+73.51	
APPARENT LENGTH	945.85 FEET	
EQUATIONS AND EXCEPTIONS:		
ROUTE 7 EAST		
BEGINNING OF PROJECT	STA. 147+70.02	
END OF PROJECT	STA. 148+82.30	
APPARENT LENGTH	112.28 FEET	
EQUATIONS AND EXCEPTIONS:		
NET LENGTH OF PROJECT	66,411.41 FEET	
STATE LENGTH	12.578 MILES	
FOR INFORMATION ONLY		
ESTIMATED DISTURBED ACRES	5.3 ACRES	

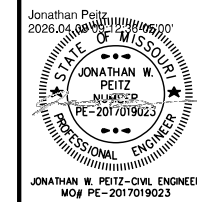
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

NOTE:

SEE STD. PLAN 401.00 FOR SAFETY EDGE DETAILS.



4/8/2026

ROUTE 7 STATE MO

DISTRICT SW SHEET NO. 2

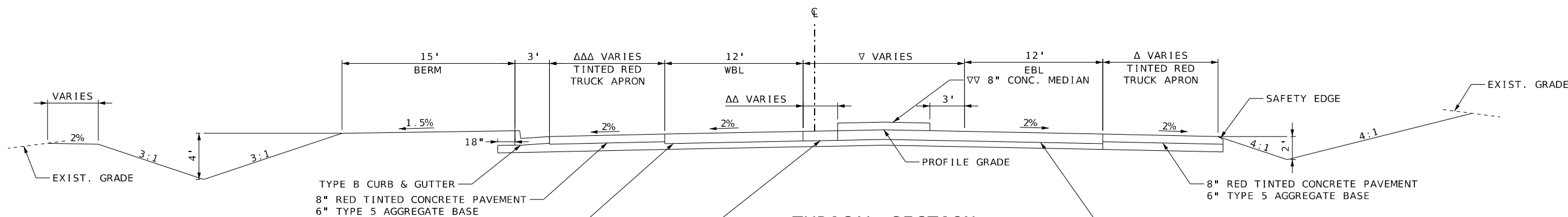
COUNTY BENTON

JOB NO. JSR0110

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

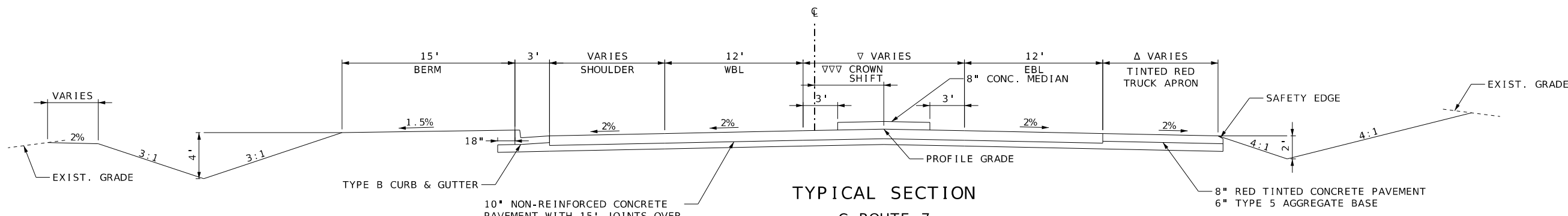


**TYPICAL SECTION**

ROUTE 7

STA. 110+81.57 TO STA. 111+30.83

▽ MEDIAN WIDTH VARIES. SEE PLAN SHEETS FOR DETAILS  
 ∇∇ 8" CONC. MEDIAN, STA. 108+28.36 TO STA 111+27.80, WIDTH VARIES.  
 Δ TINTED TRUCK APRON, STA. 109+30.28 TO STA 111+30.83, WIDTH VARIES.  
 ΔΔ 10" RED TINTED CONCRETE PAVEMENT, STA. 110+81.57 TO STA 111+27.80, WIDTH VARIES.  
 ΔΔΔ TINTED TRUCK APRON, STA. 110+99.98 TO STA 111+30.83, WIDTH VARIES.

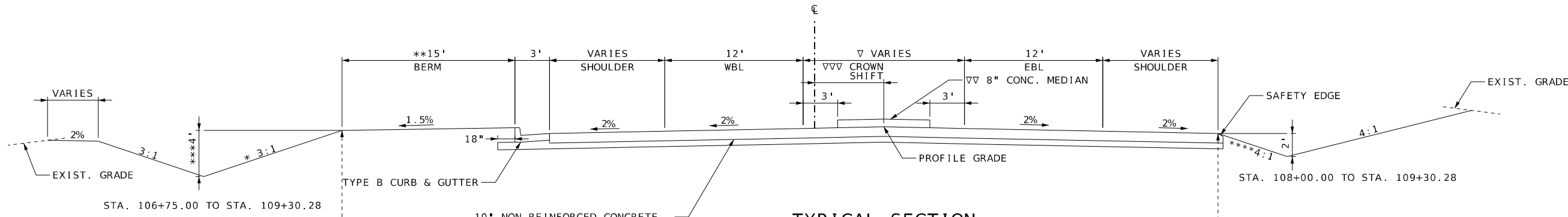


**TYPICAL SECTION**

ROUTE 7

STA. 109+30.28 TO STA. 110+81.57

▽ MEDIAN WIDTH VARIES. SEE PLAN SHEETS FOR DETAILS  
 ∇∇∇ 6' FROM STA. 108+28.36 TO STA. 110+08.24.  
 SHIFT CROWN FROM 6' RT TO 0', STA. 110+08.24 TO STA. 110+74.16  
 Δ TINTED TRUCK APRON, STA. 109+30.28 TO STA 111+30.84, WIDTH VARIES.



**TYPICAL SECTION**

ROUTE 7

STA. 106+34.51 TO STA. 109+30.28

▽ MEDIAN WIDTH VARIES. SEE PLAN SHEETS FOR DETAILS  
 ∇∇ 8" CONC. MEDIAN, STA. 108+28.36 TO STA 111+27.80, WIDTH VARIES.  
 ∇∇∇ SHIFT CROWN FROM 0' TO 6' RT, STA. 106+78.36 TO STA. 108+28.36  
 \* TRANSITION SLOPE FROM 5.9:1 TO 3:1, STA. 106+34.51 TO STA. 107+00.00  
 \*\* TRANSITION BERM WIDTH FROM 0' TO 15', STA. 106+34.51 TO STA. 107+00.00  
 \*\*\* TRANSITION DITCH DEPTH FROM 2.72' TO 4', STA. 106+75.00 TO STA. 107+00.00  
 \*\*\*\* TRANSITION SLOPE FROM 6:1 TO 4:1 FROM STA. 108+00.00 TO STA. 108+25.00

TYPICAL SECTION SHEET 1 OF 6

NOT TO SCALE

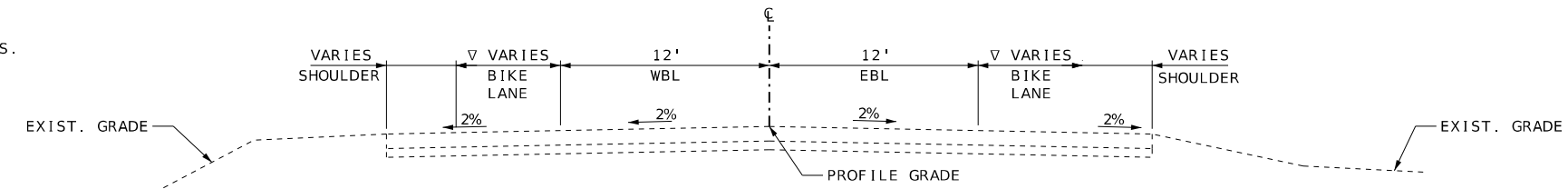
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

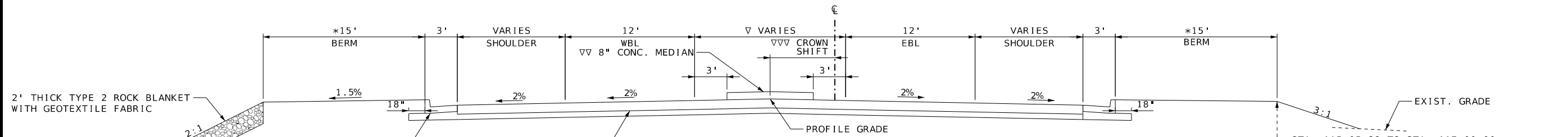
105 WEST CAPITOL JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)



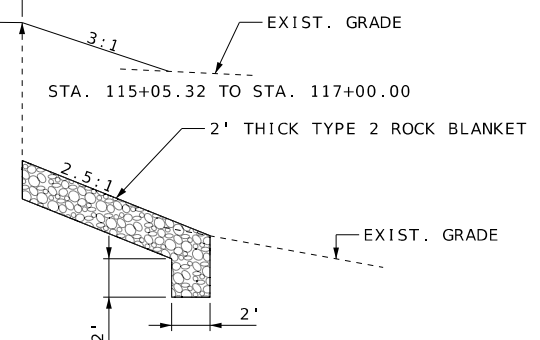
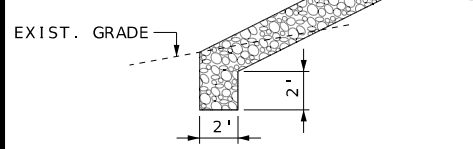
NOTE:  
SEE STD. PLAN 401.00 FOR SAFETY EDGE DETAILS.



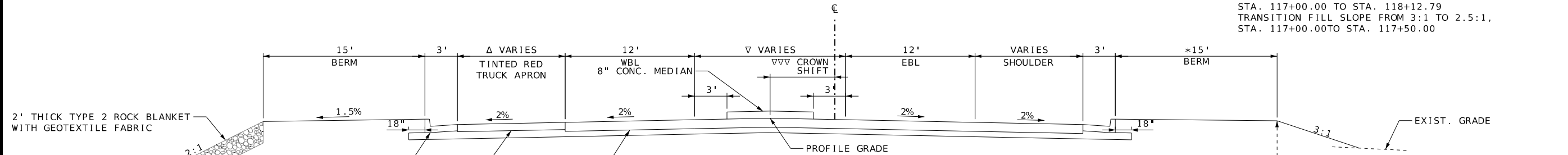
**TYPICAL SECTION**  
CL ROUTE 7  
STA. 118+12.79 TO STA. 118+62.79  
▽ TRANSITION BIKE LANE FROM 0' TO 6', STA. 118+12.79 TO STA. 118+62.79



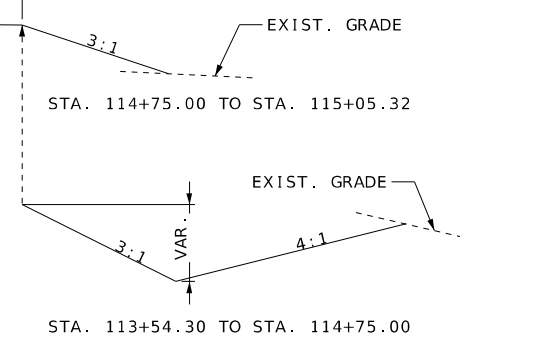
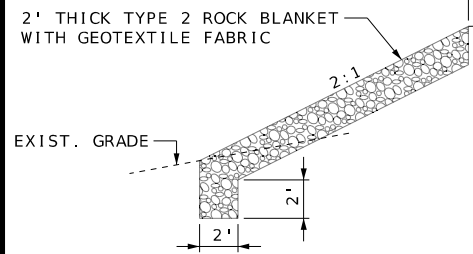
**TYPICAL SECTION**  
CL ROUTE 7  
STA. 115+05.32 TO STA. 118+12.79  
▽ MEDIAN WIDTH VARIES. SEE PLAN SHEETS FOR DETAILS  
▽▽ 8" CONC. MEDIAN, STA. 116+07.31 TO STA. 115+05.32, WIDTH VARIES.  
▽▽▽ 6' FROM STA. 114+27.35 TO STA. 116+07.24  
SHIFT CROWN FROM 6' LT TO 0', STA. 116+07.24 TO STA. 117+57.24  
\* TRANSITION TO EXISTING FROM STA. 118+00.00 TO STA. 118+12.79



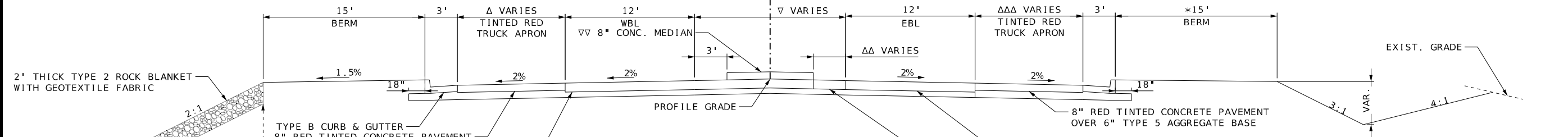
STA. 117+00.00 TO STA. 118+12.79  
TRANSITION FILL SLOPE FROM 3:1 TO 2.5:1,  
STA. 117+00.00 TO STA. 117+50.00



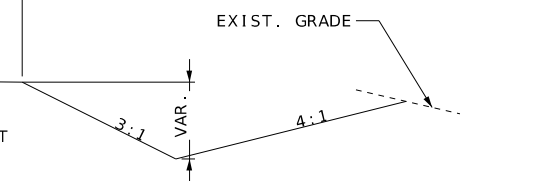
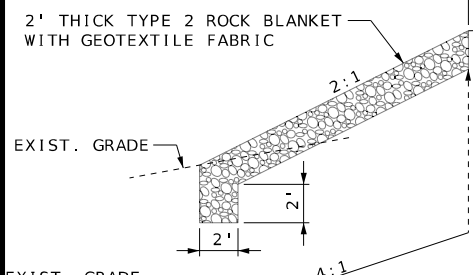
**TYPICAL SECTION**  
CL ROUTE 7  
STA. 113+54.03 TO STA. 115+05.32  
▽ MEDIAN WIDTH VARIES. SEE PLAN SHEETS FOR DETAILS  
▽▽▽ SHIFT CROWN FROM 0' TO 6' LT, STA. 113+61.43 TO STA. 114+27.35  
6' FROM STA. 114+27.35 TO STA. 116+07.24  
△ TINTED TRUCK APRON, STA. 113+04.77 TO STA. 115+05.32, WIDTH VARIES.



STA. 113+54.30 TO STA. 114+75.00



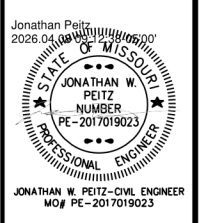
**TYPICAL SECTION**  
CL ROUTE 7  
STA. 113+04.77 TO STA. 113+54.03  
▽ MEDIAN WIDTH VARIES. SEE PLAN SHEETS FOR DETAILS  
▽▽ 8" CONC. MEDIAN, STA. 113+07.80 TO STA. 116+07.23, WIDTH VARIES.  
△ TINTED TRUCK APRON, STA. 113+04.77 TO STA. 115+05.32, WIDTH VARIES.  
△△ RED TINTED CONCRETE PAVEMENT, STA. 113+07.80 TO STA. 113+54.03, WIDTH VARIES.  
△△△ TINTED TRUCK APRON, STA. 113+04.77 TO STA. 113+36.24, WIDTH VARIES.



4:1 FILL SLOPE, STA. 113+04.78 TO STA. 113+50.00  
TRANSITION FILL SLOPE FROM 4:1 TO 2:1, STA. 113+50.00 TO STA. 113+75.00

NOT TO SCALE

TYPICAL SECTION  
SHEET 2 OF 6



4/8/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

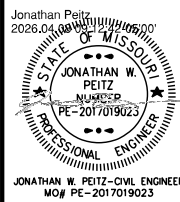
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

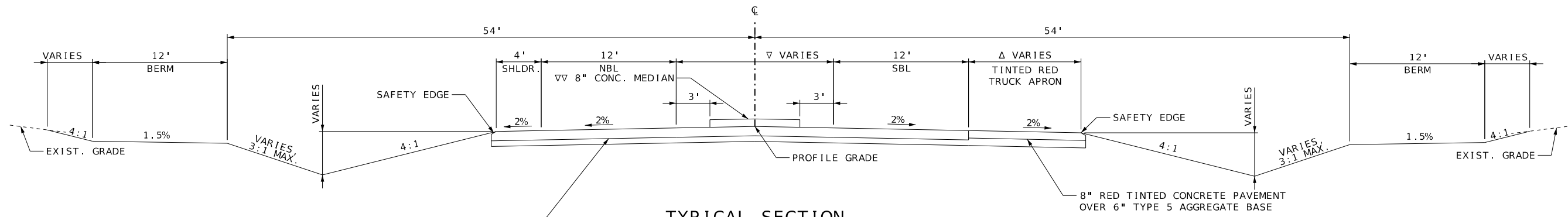
**Olsson**

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

NOTE:  
SEE STD. PLAN 401.00 FOR SAFETY EDGE DETAILS.

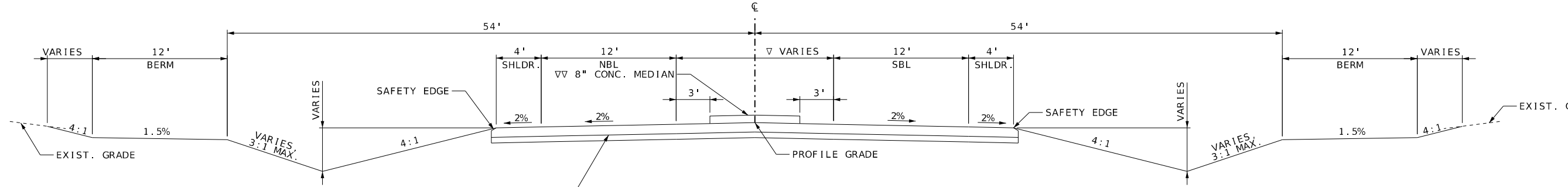


4/8/2026  
ROUTE 7 STATE MO  
DISTRICT SW SHEET NO. 2  
COUNTY BENTON  
JOB NO. JSR0110  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.



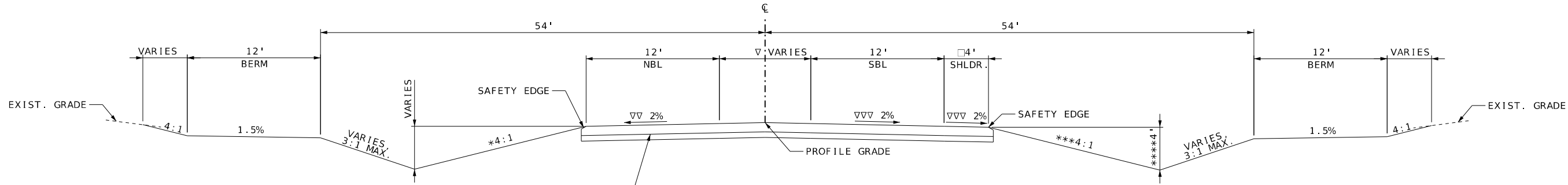
TYPICAL SECTION  
COLD SPRINGS AVE.  
STA. 8+47.97 TO STA. 9+13.44

- ▽ MEDIAN WIDTH VARIES. SEE PLAN SHEETS FOR DETAILS
- ▽▽ 8" CONC. MEDIAN, STA. 7+82.65 TO STA 9+10.41, WIDTH VARIES.
- △ TINTED TRUCK APRON, STA. 8+47.97 TO STA 9+13.44, WIDTH VARIES.



TYPICAL SECTION  
COLD SPRINGS AVE.  
STA. 7+39.42 TO STA. 8+47.97

- ▽ MEDIAN WIDTH VARIES. SEE PLAN SHEETS FOR DETAILS
- ▽▽ 8" CONC. MEDIAN, STA. 7+82.65 TO STA 9+13.43, WIDTH VARIES.



TYPICAL SECTION  
COLD SPRINGS AVE.  
STA. 5+27.66 TO STA. 7+39.42

- ▽ MEDIAN WIDTH VARIES. SEE PLAN SHEETS FOR DETAILS
- ▽▽ TRANSITION SLOPE FROM -0.73% TO 2.00%, STA. 5+27.66 TO STA. 6+10.00
- ▽▽▽ TRANSITION SLOPE FROM -0.51% TO 2.00%, STA. 5+27.66 TO STA. 6+10.00
- TRANSITION WIDTH FROM 5' TO 4', STA. 5+27.66 TO STA. 5+78.04
- \* TRANSITION SLOPE FROM 6% TO 4:1, STA. 5+27.65 TO STA. 6+50.00
- \*\* TRANSITION DEPTH FROM 1.14' TO 4', STA. 5+27.65 TO STA. 6+50.00
- \*\*\* TRANSITION SLOPE FROM 12% TO 4:1, STA. 5+27.65 TO STA. 6+50.00
- \*\*\*\* TRANSITION DEPTH FROM 1.89' TO 4', STA. 5+27.65 TO STA. 6+50.00

DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

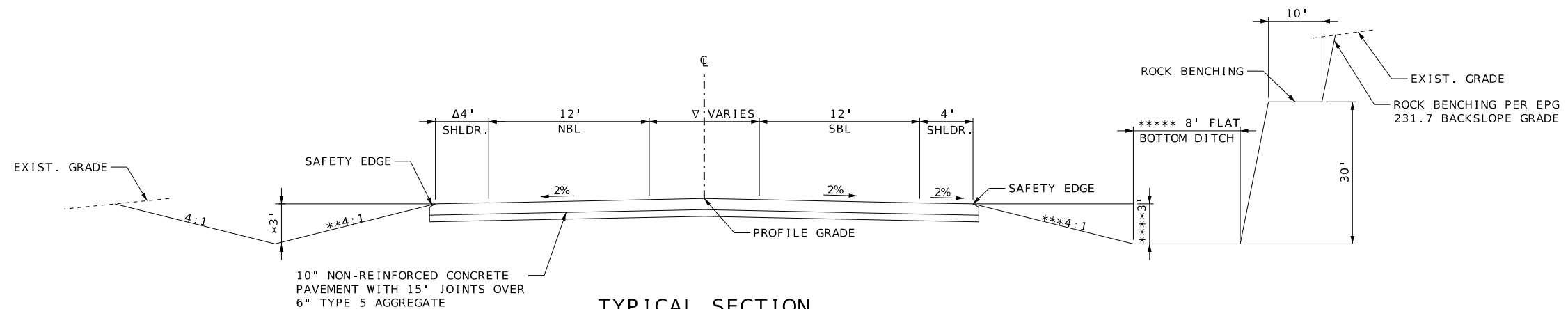
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

NOT TO SCALE

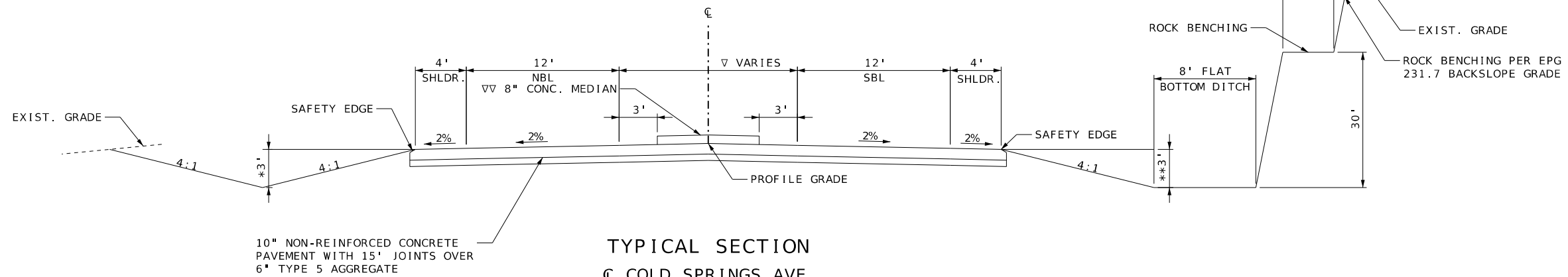
TYPICAL SECTION  
SHEET 3 OF 6

NOTE:  
SEE STD. PLAN 401.00 FOR SAFETY EDGE DETAILS.



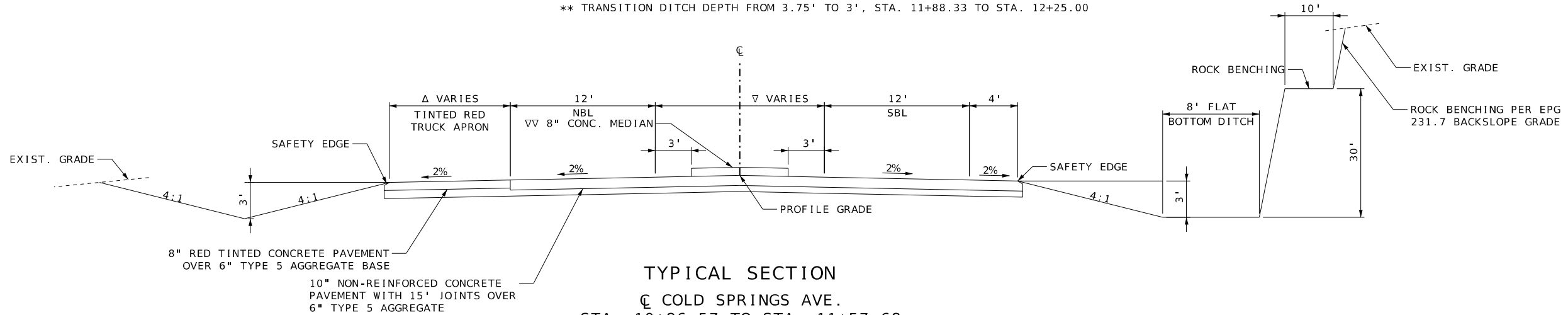
TYPICAL SECTION  
C COLD SPRINGS AVE.  
STA. 13+75.70 TO STA. 14+73.51

▽ MEDIAN WIDTH VARIES. SEE PLAN SHEETS FOR DETAILS  
 Δ TRANSITION WIDTH FROM 4' TO 0', STA. 13+76.92 TO STA. 14+34.32  
 \* TRANSITION DEPTH FROM 4' TO 1.35', STA. 14+25.00 TO STA. 14+73.51  
 \*\* TRANSITION SLOPE FROM 4:1 TO 7.75%, STA. 14+25.00 TO STA. 14+73.51  
 \*\*\* TRANSITION SLOPE FROM 4:1 TO 7%, STA. 14+25.00 TO STA. 14+73.51  
 \*\*\*\* TRANSITION DEPTH FROM 3' TO 0.75', STA. 14+25.00 TO STA. 14+73.51  
 \*\*\*\*\* TRANSITION DITCH WIDTH FROM 8' TO 4', STA. 14+25.00 TO STA. 14+73.51



TYPICAL SECTION  
C COLD SPRINGS AVE.  
STA. 11+57.68 TO STA. 13+75.70

▽ MEDIAN WIDTH VARIES. SEE PLAN SHEETS FOR DETAILS  
 ∇∇ 8" CONC. MEDIAN, STA. 10+86.88 TO STA. 12+17.34, WIDTH VARIES.  
 \* TRANSITION DITCH DEPTH FROM 5' TO 3', STA. 11+57.68 TO STA. 12+25.00  
 \*\* TRANSITION DITCH DEPTH FROM 3.75' TO 3', STA. 11+88.33 TO STA. 12+25.00



TYPICAL SECTION  
C COLD SPRINGS AVE.  
STA. 10+86.57 TO STA. 11+57.68

▽ MEDIAN WIDTH VARIES. SEE PLAN SHEETS FOR DETAILS  
 ∇∇ 8" CONC. MEDIAN, STA. 10+86.88 TO STA. 12+17.34, WIDTH VARIES.  
 Δ TINTED TRUCK APRON, STA. 10+86.57 TO STA. 11+57.68, WIDTH VARIES.



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY BENTON	
JOB NO. JSR0110	
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)

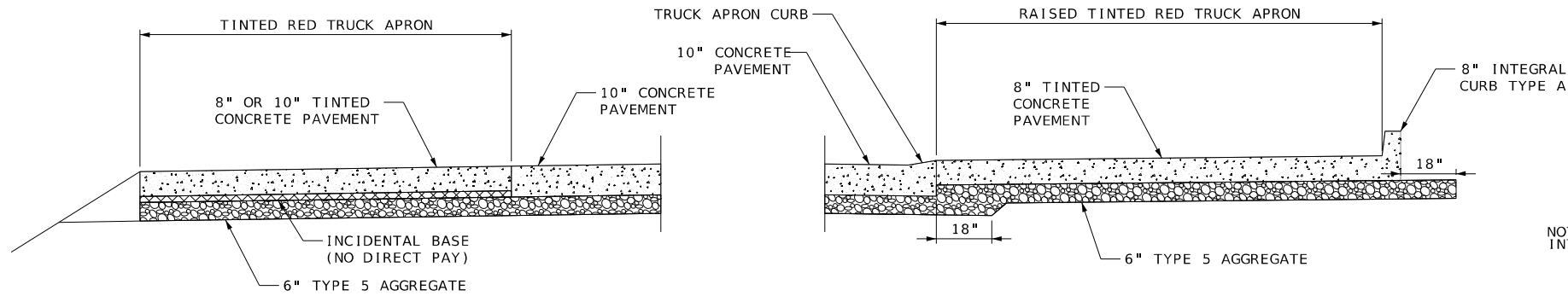
**olsson**

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

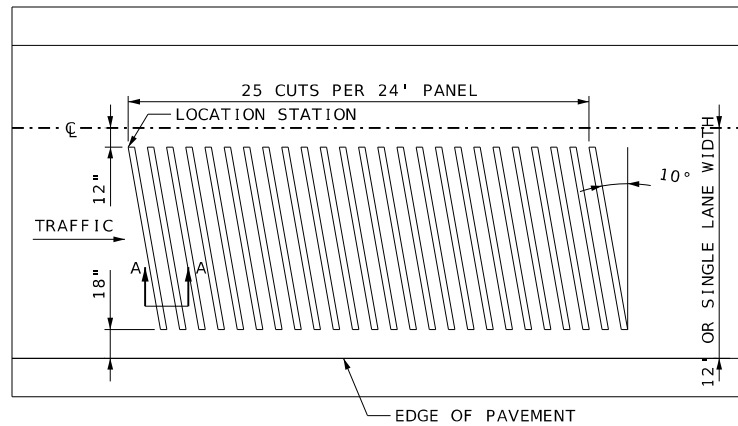
NOT TO SCALE

TYPICAL SECTION  
SHEET 4 OF 6

NOTE:  
SEE STD. PLAN 401.00 FOR SAFETY EDGE DETAILS.

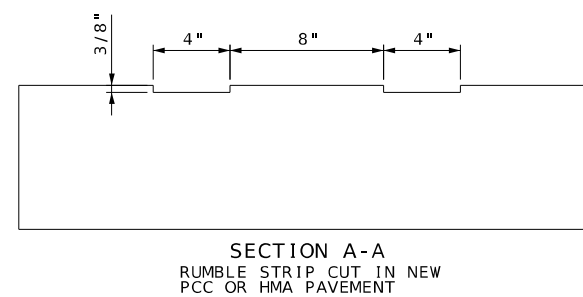


INCIDENTAL BASE UNDER TINTED RED CONCRETE TRUCK APRONS

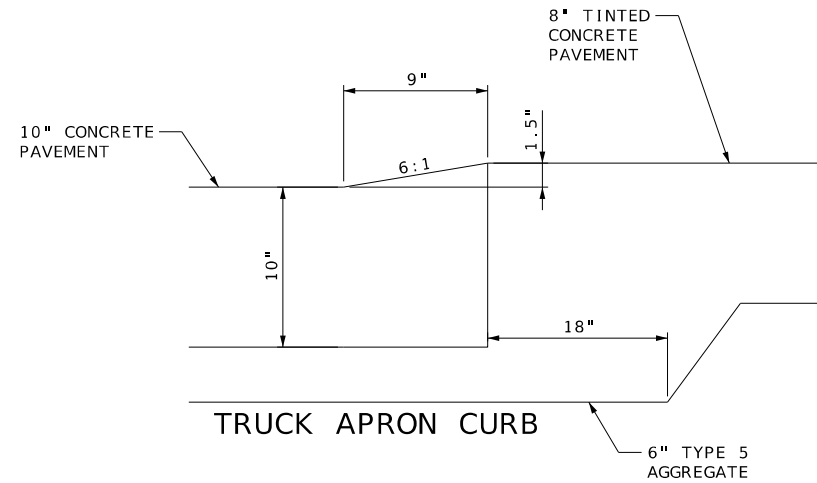


TRANSVERSE RUMBLE STRIP

NOTE:  
SEE SIGNING SHEET 1 OF 9 FOR TRANSVERSE RUMBLE STRIP PANEL PLACEMENT

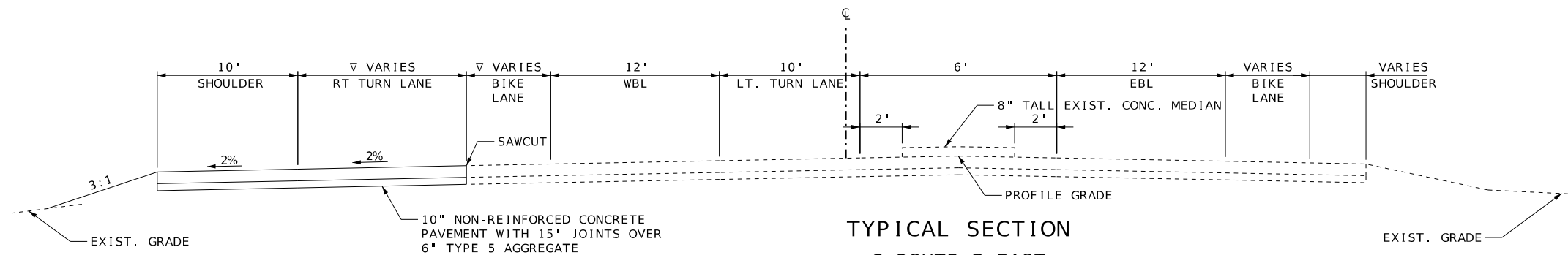


SECTION A-A  
RUMBLE STRIP CUT IN NEW PCC OR HMA PAVEMENT

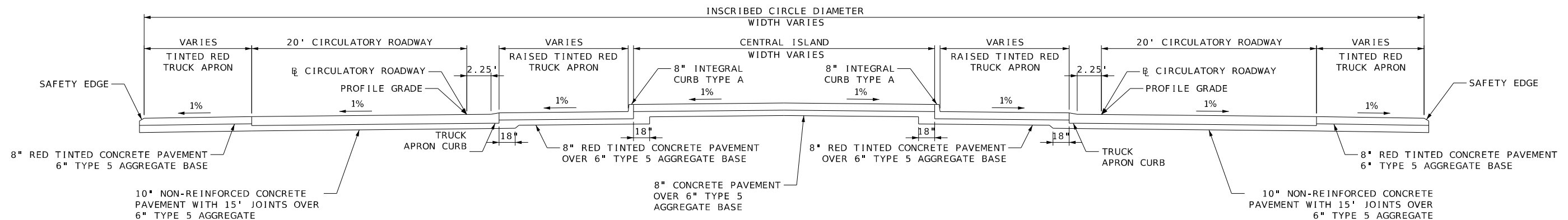


NOTE: TRUCK APRON CURB SHALL BE INTEGRAL WITH 10" CONCRETE PAVEMENT

TRUCK APRON CURB



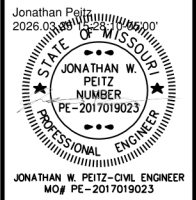
TYPICAL SECTION  
 CL ROUTE 7 EAST  
 STA. 147+70.02 TO STA. 148+82.30  
 TRANSITION RT TURN LANE FROM 0' TO 12', STA. 148+11.90 TO STA. 148+82.30



TYPICAL SECTION  
 CIRCULATORY ROADWAY  
 STA. 0+00.00 TO STA. 4+09.90

NOT TO SCALE

TYPICAL SECTION  
 SHEET 5 OF 6



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

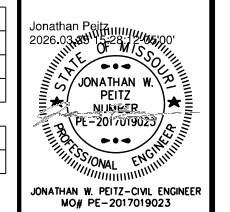
105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592

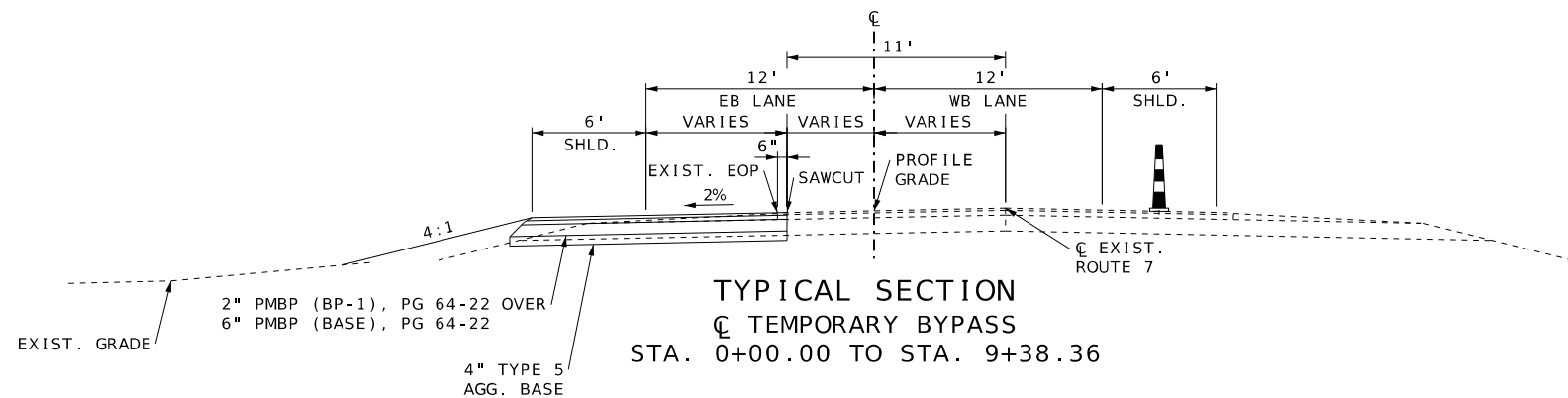
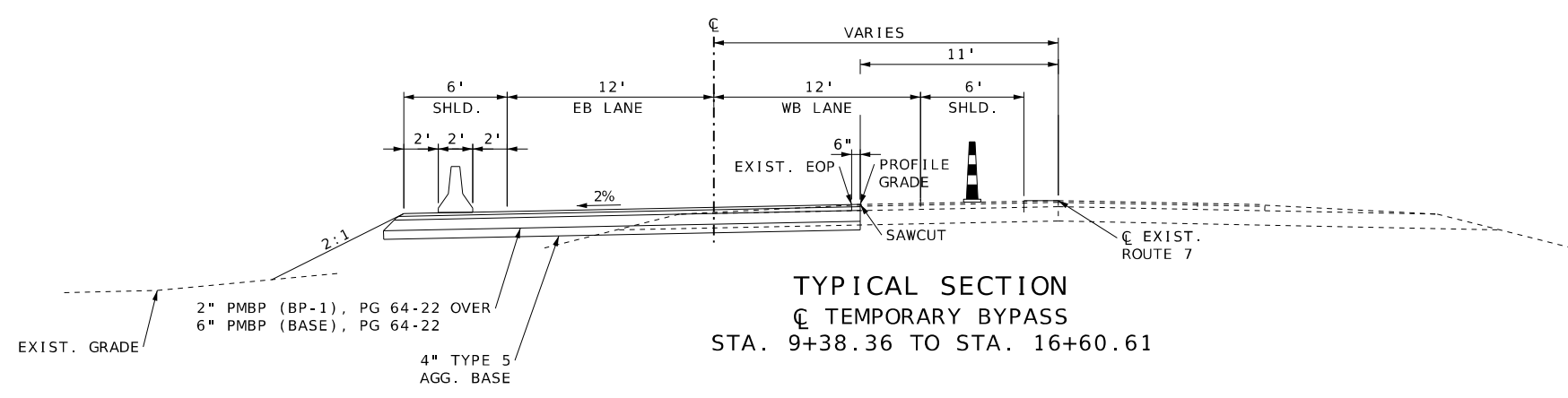
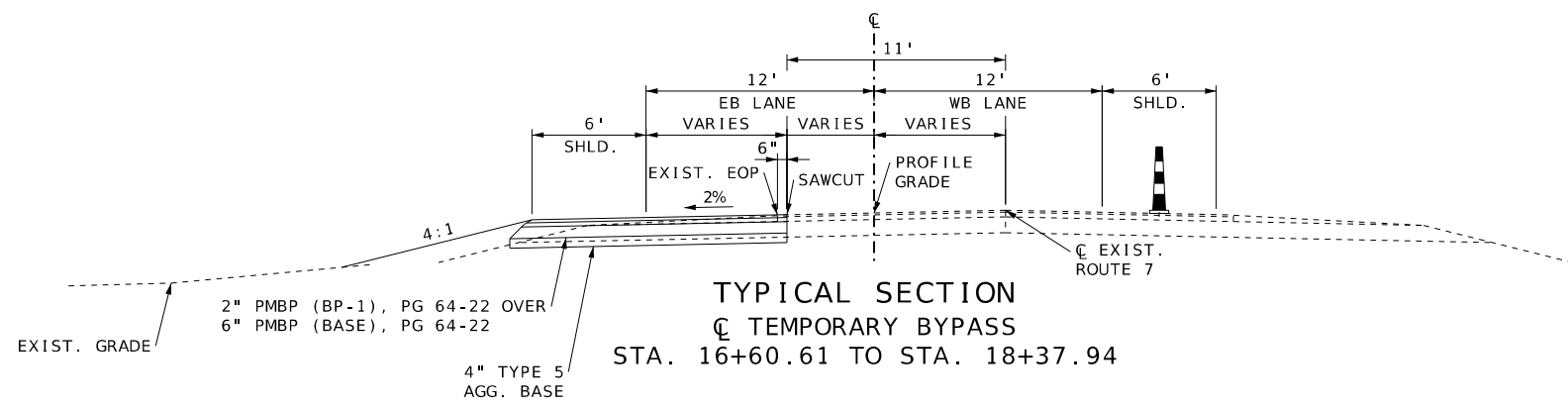
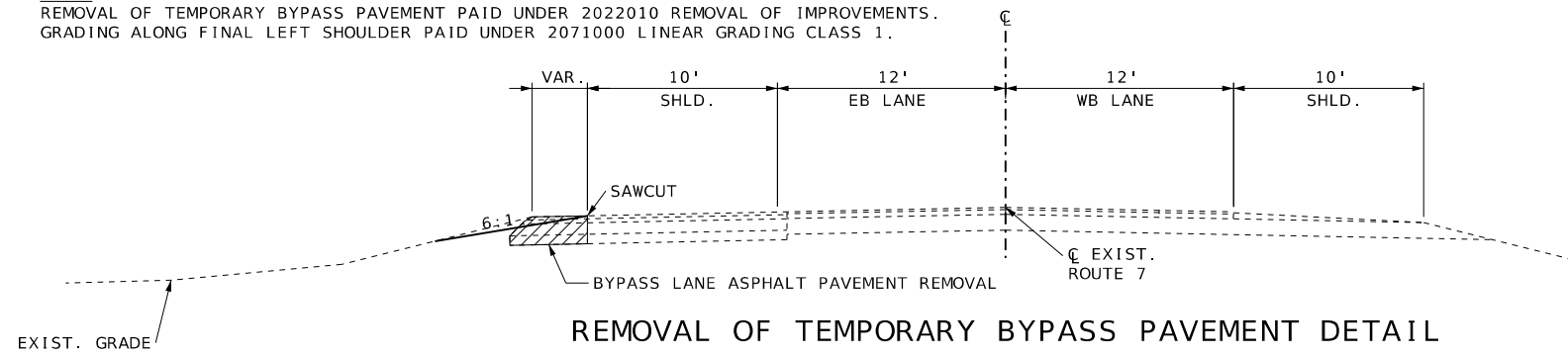
NOTE:  
 REMOVAL OF TEMPORARY BYPASS PAVEMENT PAID UNDER 2022010 REMOVAL OF IMPROVEMENTS.  
 GRADING ALONG FINAL LEFT SHOULDER PAID UNDER 2071000 LINEAR GRADING CLASS 1.

ASPHALT FACTORS	
MATERIAL	TONS / CY
PMBP (BP-1), PG64-22	1.948
PMBP (BASE), PG64-22	1.943

TACK COAT APPLICATION RATE 0.10 GAL / YD (UNDILUTED)
---



3 / 25 / 2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 2
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



NOT TO SCALE

TYPICAL SECTION  
SHEET 6 OF 6

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

**olsson**  
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 CERTIFICATE OF  
 AUTHORITY NO. 001592

**CLEARING & GRUBBING**  
1 ACRES

**REMOVAL OF IMPROVEMENTS**

SHEET NO.	STA.	STA.	LOCATION	DESCRIPTION
4	106+34.51		ROUTE 7	44' SAWCUT
4	107+36.72		ROUTE 7 RT	2 SIGN, 1 POST
4	107+39.22		ROUTE 7 LT	2 SIGN, 1 POST
4	109+24.23		ROUTE 7 LT	1 SIGN, 1 POST
4	109+30.29		ROUTE 7 RT	1 SIGN, 2 POST
5	110+18.19		ROUTE 7 RT	1 SIGN, 1 POST
5	110+94.21	111+00.08	ROUTE 7 LT	2 CONC. FOOTINGS
5	111+08.00		ROUTE 7 RT	1 SIGN, 1 POST
5	111+35.26		ROUTE 7 LT	2 SIGN, 1 POST
5	111+66.76	111+95.96	ROUTE 7 LT	53 SY CONC. MEDIAN
5	111+73.80		ROUTE 7 LT	1 SIGN, 1 POST
5	111+89.06		ROUTE 7 LT	1 SIGN, 1 POST
5	112+41.54	112+69.36	ROUTE 7 RT	54 SY CONC. MEDIAN
5	112+48.56		ROUTE 7 RT	1 SIGN, 1 POST
5	113+00.64		ROUTE 7 RT	2 SIGN, 1 POST
5	113+25.31		ROUTE 7 LT	1 SIGN, 1 POST
5	13+41.22		ROUTE 7 RT	1 SIGN, 1 POST
5	114+07.74		ROUTE 7 LT	1 SIGN, 1 POST
6	114+92.86		ROUTE 7 LT	1 SIGN, 2 POST
6	116+25.75		ROUTE 7 LT	1 SIGN, 1 POST
6	116+90.98		ROUTE 7 RT	1 SIGN, 1 POST
6	117+01.97		ROUTE 7 RT	2 SIGN, 1 POST
6	117+02.77		ROUTE 7 LT	2 SIGN, 1 POST
6	118+12.79		ROUTE 7	43' SAWCUT
8	5+27.66		COLD SPRINGS AVE.	27' SAWCUT
8	5+58.92		COLD SPRINGS AVE. LT	1 SIGN, 2 POST
8	6+11.60		COLD SPRINGS AVE. LT	1 SIGN, 1 POST
8	6+19.07	6+81.38	COLD SPRINGS AVE. RT	61' PIPE AND 2 FES
8	6+34.63	6+89.93	COLD SPRINGS AVE. LT	57' PIPE
5	11+09.53	11+09.21	COLD SPRINGS AVE.	45' PIPE AND 2 FES
5	11+70.18		COLD SPRINGS AVE. RT	1 SIGN, 1 POST
11	147+25.64		ROUTE 7 LT	1 SIGN, 1 POST
11	147+71.44	147+97.04	ROUTE 7 RT	45 SY CONC. MEDIAN
11	147+74.03	147+85.01	ROUTE 7 LT	9 SY CONC. MEDIAN
11	147+74.70	14+86.82	ROUTE 7 LT	12.2' PIPE AND 1 FES
11	147+76.12		ROUTE 7 RT	1 SIGN, 1 POST
11	147+79.82		ROUTE 7 LT	1 SIGN, 1 POST
11	147+82.39		ROUTE 7 RT	2 SIGN, 1 POST
11	147+98.20		ROUTE 7 LT	2 SIGN, 1 POST
11	148+18.62		ROUTE 7 LT	LIGHT POLE
15-18	0+00.00	18+37.94	TEMPORARY BYPASS	1,838' SAWCUT TO INSTALL TEMP BYPASS
15-18	103+91.20	121+02.15	ROUTE 7 LT	1,710' SAWCUT FOR TEMP BYPASS REM.
15-18	0+71.13	17+81.15	TEMPORARY BYPASS	5,362 SY TEMP BYPASS PVMT. REM.
1 LUMP SUM				
NOTE: ALL SAWCUTS SHALL BE PAID FOR UNDER REMOVAL OF IMPROVEMENTS, NO DIRECT PAY				

**EARTHWORK**

SHEET NO.	XS SHEET NO.	STA.	STA.	LOCATION	UNCLASSIFIED EXCAVATION (CY)	COMPACTING EMBANKMENT (CY)	REMARKS
4 - 5	1 - 29	106+34.51	111+30.82	ROUTE 7	2159	475	
5 - 6	30 - 47	113+04.78	118+12.79	ROUTE 7	1886	3781	2272 CY COMPACTING EMBANKMENT FROM COLD SPRINGS AVE SOUTH
8	48 - 56	5+27.66	9+13.42	COLD SPRINGS AVE	1586	168	
9	57 - 69	10+86.57	14+73.51	COLD SPRINGS AVE	3112	332	2272 CY EXCAVATION. TO BE USED AS EMBANKMENT ON ROUTE 7
5	70 - 78	0+00.00	4+09.90	CIRCULATORY ROADWAY	2624	571	
15 - 18	79 - 99	0+00.00	18+37.94	TEMPORARY BYPASS	1097	480	
TOTALS					12464	5807	

**COMPACTING IN CUT**

SHEET NO.	STA.	STA.	LOCATION	COMPACTING IN CUT (STA)	REMARKS
4 - 5	106+34.51	111+30.82	ROUTE 7	5	
5 - 6	113+04.78	118+12.79	ROUTE 7	5.1	
8	5+27.66	9+13.42	COLD SPRINGS AVE	3.9	
9	10+86.57	14+73.51	COLD SPRINGS AVE	3.9	
11	14+70.02	15+82.30	ROUTE 7 EAST LT	1.1	
TOTALS				19	

**LINEAR GRADING**

SHEET NO.	STA.	STA.	LOCATION	LINEAR GRADING CLASS 1 (STA)	REMARKS
11	14+70.02	15+82.30	ROUTE 7 EAST LT	1.1	ROUTE 7 & MAIN
19	0+17.38	0+68.85	ENTRANCE 6+47.69 RT	0.5	
19	0+03.91	0+60.03	ENTRANCE 6+71.69 LT	0.6	
19	0+34.13	0+55.22	ENTRANCE 13+37.21	0.2	
19	0+36.09	0+59.31	ENTRANCE 14+06.52 LT	0.2	
15-18	103+91.20	106+34.51	ROUTE 7 LT	2.4	GRADING ALONG SHOULDER AFTER TEMP BYPASS REMOVAL
15-18	118+12.79	121+02.15	ROUTE 7 LT	2.9	GRADING ALONG SHOULDER AFTER TEMP BYPASS REMOVAL
TOTALS				7.9	

**ASPHALT PAVEMENT**

SHEET NO.	STA.	STA.	LOCATION	2" PMBP (BP-1) (TON)	6" PMBP (BASE) (TON)	TACK COAT (GAL)	4" TYPE 5 AGGREGATE (SY)
15 - 18	0+00.00	18+37.94	TEMPORARY BYPASS	580.1	1736.5	536.2	5362
28			* DAM ACCESS RD	28.8	86.4	26.7	278
TOTALS				608.9	1822.9	562.9	5640

\* FOR USE AS NEEDED AND DIRECTED BY THE ENGINEER TO MAINTAIN ACCESS TO DAM IN THE EVENT THAT THE DAM IS CLOSED FOR MAINTENANCE DURING CONSTRUCTION PHASE 3

**ENTRANCES**

SHEET NO.	STA.	LOCATION	TYPE	WIDTH (FT.)	RADIUS (FT.)	8" CONCRETE PAVEMENT (SY)	2" PMBP (BP-1) (TON)	4" PMBB (BASE) (TON)	TACK COAT (GAL)	4" TYPE 5 AGGREGATE (SY)	6" TYPE 5 AGGREGATE (SY)
8	6+47.69	COLD SPRINGS AVE. RT	111	39.0	20	318.9				318.9	
8	6+71.69	COLD SPRINGS AVE. LT	111	40.0	20		29.9	59.7	28		277
9	13+37.21	COLD SPRINGS AVE. LT	111	33.0	20						96
9	14+06.52	COLD SPRINGS AVE. LT	1	18.0	20						66
TOTALS						318.9	29.9	59.7	28	318.9	439

**CONCRETE PAVEMENT**

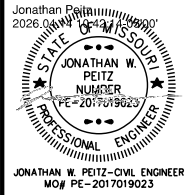
SHEET NO.	STA.	STA.	LOCATION	10 IN. CONC PAVEMENT (SY)	6" TYPE 5 AGGREGATE BASE (SY)
4 - 5	106+34.51	111+30.82	ROUTE 7	2701.1	2701
5 - 6	113+04.78	118+12.79	ROUTE 7	2742.8	2743
5	0+00.00	4+09.90	CIRCULATORY ROADWAY	1511.1	1511
5 & 8	5+27.66	9+19.44	COLD SPRINGS AVE.	1721	1721
5 & 9	10+86.58	14+73.51	COLD SPRINGS AVE.	1815.4	1815
11	147+70.02	148+82.30	ROUTE 7 EAST	346.1	346
TOTALS				10837.5	10837

**REMOVE AND RESET MAILBOX (NO DIRECT PAY)**

SHEET NO.	STA.	LOCATION	REMOVE AND RESET MAILBOX (EA)
9	13+42.23	COLD SPRINGS AVE. RT	1
TOTALS			1

NOTE: QUANTITY SHOWN FOR INFORMATION ONLY. NO DIRECT PAY.

SUMMARY OF QUANTITIES  
SHEET 1 OF 5



4/14/2026

ROUTE 7 STATE MO  
DISTRICT SW SHEET NO. 3

COUNTY BENTON

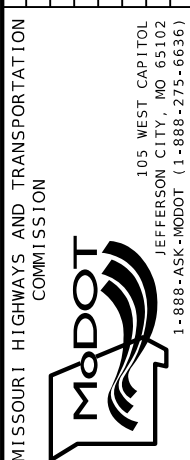
JOB NO. JSR0110

CONTRACT ID.

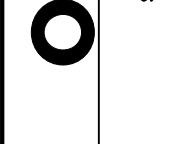
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION



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



PH: 417.890.8802  
550 S. L. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

TRUCK APRON						
SHEET NO.	STA.	STA	LOCATION	8 IN. TINTED CONCRETE TRUCK APRON (SY)	10 IN. TINTED CONCRETE TRUCK PAVEMENT (SY)	6" TYPE 5 AGGREGATE BASE (SY)
4 - 5	109+30.28	111+46.71	ROUTE 7 RT	222.2		222
5	110+81.57	111+27.80	ROUTE 7 LT		30.9	31
5	110+99.98	111+60.82	ROUTE 7 LT	120.7		121
5	0+00.00	4+09.90	CIRCULATORY ROADWAY	1038.9		1039
5	112+74.99	113+36.24	ROUTE 7 LT	123.7		124
5 - 6	112+88.89	115+05.32	ROUTE 7 RT	222.2		222
5	113+07.79	113+54.03	ROUTE 7 LT		30.9	31
			TOTALS	1727.7	61.8	1790

TRUNCATED DOMES					
SHEET NO.	STA.	STA.	LOCATION	TRUNCATED DOMES (SF)	REMARKS
11	147+71.88	147+73.88	ROUTE 7 EAST LT	12	
11	147+77.94	147+83.98	ROUTE 7 EAST LT	12	
11	147+79.42	147+84.39	ROUTE 7 EAST LT	12	
11	147+79.13	147+85.13	ROUTE 7 EAST RT	12	
11	147+83.11	147+88.74	ROUTE 7 EAST RT	12	
			TOTALS	60	

CONCRETE MEDIAN				
SHEET NO.	STA.	STA	LOCATION	8" CONC. MEDIAN STRIP (SY)
4 - 5	108+28.36	111+28.28	ROUTE 7	294.2
5	113+07.32	113+26.32	ROUTE 7	24.4
5 - 6	113+35.25	116+07.23	ROUTE 7	260.5
8 & 5	7+82.65	8+82.54	COLD SPRINGS AVE.	82.3
5	8+89.22	9+13.48	COLD SPRINGS AVE.	48.4
5 & 9	10+86.88	12+17.34	COLD SPRINGS AVE.	137.9
11	147+71.90	147+84.74	ROUTE 7 EAST RT	25.5
11	147+71.91	147+77.93	ROUTE 7 EAST LT	3.2
11	147+71.92	147+80.53	ROUTE 7 EAST LT	5.7
11	147+83.90	147+97.73	ROUTE 7 EAST LT	11.5
11	147+85.13	147+97.12	ROUTE 7 EAST RT	9.7
			TOTALS	903.3

CONCRETE CURB & GUTTER								
SHEET NO.	STA.	LOCATION	STA	LOCATION	TYPE B C&G (LF)	8" TYPE A INTEGRAL CURB (LF)	TRUCK APRON CURB (LF)	6 IN. TYPE 5 AGG. BASE (SY)
4 - 5	106+34.51	ROUTE 7 LT	111+47.09	ROUTE 7 LT	549			275
5	0+00.00	CIRCULATORY ROADWAY	4+09.90	CIRCULATORY ROADWAY			396	99
5	0+00.00	CIRCULATORY ROADWAY	4+09.90	CIRCULATORY ROADWAY		215		48
5 - 6	112+12.78	ROUTE 7 LT	118+12.79	ROUTE 7 LT	635			318
5 - 6	113+46.47	ROUTE 7 RT	118+12.79	ROUTE 7 RT	468			234
			TOTALS		1652	215	396	974

TYPE 2 ROCK BLANKET									
SHEET NO.	STA.	STA	LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	FURNISHING (CY)	PLACING (CY)	PERM. EROSION CONTROL GEOTEXTILE (SY)
5 - 6	113+50.00	118+18.27	ROUTE 7 LT	*	*	2	1007	1007	1403
6	117+00.00	118+14.96	ROUTE 7 RT	*	*	2	431	431	620
			TOTALS				1438	1438	2023

\* VARIES, SEE PLAN SHEETS.

ROCK LINING							
SHEET NO.	STA.	STA	LOCATION	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	ROCK LINING (CY)
5	111+02.78	111+15.19	ROUTE 7 RT	12	4	1	2
8	5+98.23	6+10.41	COLD SPRINGS AVE. RT	12	4	1	2
8	6+18.18	6+30.18	COLD SPRINGS AVE. LT	12	4	1	2
5	11+71.36	11+77.60	COLD SPRINGS AVE. LT	12	4	1	2
			TOTALS				8

**MOBILIZATION**  
1 LUMP SUM

**CONTRACTOR FURNISHED SURVEYING & STAKING**  
1 LUMP SUM

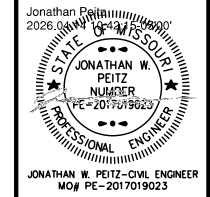
PIPE CULVERTS																		
FROM STRUCTURE	STA.	LOCATION	TO STRUCTURE	STA.	LOCATION	SHEET NO.	PIPE COLLAR TYPE A (EA)	GROUP A PIPE			GROUP C PIPE	GROUP A F.E.S.			GROUP C F.E.S.	CL. 3 EXC. (CY)		
								15 IN. (LF)	24 IN. (LF)	30 IN. (LF)	15 IN. (LF)	15 IN. (EA)	24 IN. (EA)	30 IN. (EA)	15 IN. (EA)			
587F1	5+87.45	COLD SPRINGS AVE. RT.	708F1	7+08.09	COLD SPRINGS AVE. RT.	88					114				2	59		
633F1	6+33.34	COLD SPRINGS AVE. LT.	710F1	7+10.43	COLD SPRINGS AVE. LT.	87					75				2	36		
111T1	9+02.73	COLD SPRINGS AVE. RT.	111F1	8+82.41	COLD SPRINGS AVE. RT.	82			18			1				11		
115T1	115+41.87	ROUTE 7 LT.	118T1	118+01.52	ROUTE 7 LT.	83 - 84			165							182		
118T1	118+01.52	ROUTE 7 LT.	118F1	118+11.88	ROUTE 7 LT.	84			19			1				16		
115T2	115+41.87	ROUTE 7 RT.	118T2	118+01.52	ROUTE 7 RT.	85 - 86			255							237		
118T2	118+01.52	ROUTE 7 RT.	118F2	118+04.03	ROUTE 7 RT.	86			18			1				16		
1174F1	11+74.48	COLD SPRINGS AVE. LT.	1174F2	11+74.48	COLD SPRINGS AVE. RT.	87				56				2		57		
1304F1	13+04.44	COLD SPRINGS AVE. LT.	1430F1	14+30.68	COLD SPRINGS AVE. LT.	90					122				2	60		
EXIST. PIPE	9+19.63	MAIN STREET LT.	919F1	9+19.78	MAIN STREET LT.	88	1							1		21		
			TOTAL				1		475	56	23		311	3	2	1	6	695

DRAINAGE STRUCTURES							
STRUCTURE NO.	SHEET NO.	LOCATION	STA.	OFFSET	TYPE T 5FT X 3FT (LF)	TYPE 3 MANHOLE FRAME & COVER (EA)	CL. 3 EXC. (CY)
111T1	82	COLD SPRINGS AVE. RT	9+02.73	50.30	3.0	1	7
115T1	83	ROUTE 7 LT.	115+41.87	35.86	4.25	1	12
118T1	84	ROUTE 7 LT.	118+01.52	24.00	7.08	1	24
115T2	85	ROUTE 7 RT.	115+41.87	25.00	4.25	1	18
118T2	86	ROUTE 7 RT.	118+01.52	25.00	7.18	1	22
			TOTAL		25.76	5	83
			PAY TOTAL		26	5	83

**ADDITIONAL MOBILIZATION FOR SEEDING**  
4 EACH

TRANSVERSE RUMBLE STRIPS				
SHEET NO.	STA.	LOCATION	TRANSVERSE RUMBLE STRIPS (SY)	REMARKS
60	102+12.00	ROUTE 7 RT	25	
60	104+62.00	ROUTE 7 RT	25	
62	122+90.00	ROUTE 7 LT	25	
62	119+75.00	ROUTE 7 LT	25	
		TOTALS	100	

SUMMARY OF QUANTITIES  
SHEET 2 OF 5



4/14/2026

ROUTE 7 STATE MO  
DISTRICT SW SHEET NO. 3

COUNTY BENTON  
JOB NO. JSR0110  
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)

**olsson**

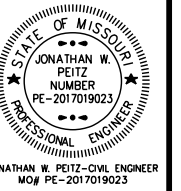
PH: 417.890.8802  
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TEMPORARY EROSION CONTROL

SHEET NO.	STA.	LOCATION	STA.	LOCATION	PHASE	CURB INLET CHECK (EACH)	ALTERNATE DITCH CHECK (LF)	SEDIMENT TRAP		SILT FENCE (FT)	EROSION CONTROL BLANKET (SY)	TURF REINFORCEMENT MAT (SY)	SEDIMENT REMOVAL (CY)
								EXCAVATION (CY)	ROCK (CY)				
31	118+12.93	ROUTE 7 RT			INITIAL			5.0	5.0				1
31	118+43.35	ROUTE 7 LT			INITIAL			5.0	5.0				1
32	5+27.62	COLD SPRINGS AVE. RT			INITIAL			5.0	5.0				1
32	5+27.62	COLD SPRINGS AVE. LT			INITIAL			5.0	5.0				1
34	146+92.41	ROUTE 7 EAST LT			INITIAL			5.0	5.0				1
35 - 36	107+09.53	ROUTE 7 RT	110+84.33	ROUTE 7 RT	CONSTRUCTION		42						6
35 - 36	107+11.17	ROUTE 7 LT	110+84.82	ROUTE 7 LT	CONSTRUCTION		42						6
36	111+39.74	ROUTE 7 LT			CONSTRUCTION	1							1
36 - 37	113+15.00	ROUTE 7 LT	118+15.82	ROUTE 7 LT	CONSTRUCTION					506			6
37	115+41.53	ROUTE 7 LT			CONSTRUCTION	1							1
37	115+41.66	ROUTE 7 RT			CONSTRUCTION	1							1
37	118+01.31	ROUTE 7 LT			CONSTRUCTION	1							1
37	118+01.34	ROUTE 7 RT			CONSTRUCTION	1							1
37	114+44.33	ROUTE 7 LT	118+15.9	ROUTE 7 LT	CONSTRUCTION					372			4
37	114+71.41	ROUTE 7 RT	118+15.31	ROUTE 7 RT	CONSTRUCTION					346			4
37	115+27.24	ROUTE 7 RT	118+13.63	ROUTE 7 RT	CONSTRUCTION					287			3
37	116+12.19	ROUTE 7 RT	118+14.13	ROUTE 7 RT	CONSTRUCTION					202			3
38	5+63.47	COLD SPRINGS AVE RT			CONSTRUCTION		7						1
38	5+71.48	COLD SPRINGS AVE LT			CONSTRUCTION		7						1
38 & 36	7+20.04	COLD SPRINGS AVE LT	8+19.88	COLD SPRINGS AVE LT	CONSTRUCTION		35						5
38 & 36	7+31.56	COLD SPRINGS AVE RT	8+48.63	COLD SPRINGS AVE RT	CONSTRUCTION		35						5
36	8+90.76	COLD SPRINGS AVE LT			CONSTRUCTION		7						1
36 & 39	10+39.84	COLD SPRINGS AVE RT	13+96.10	COLD SPRINGS AVE RT	CONSTRUCTION		42						6
36 & 39	11+65.53	COLD SPRINGS AVE LT			CONSTRUCTION		7						1
36 & 39	11+97.50	COLD SPRINGS AVE LT	12+22.91	COLD SPRINGS AVE LT	CONSTRUCTION		14						2
39	12+82.97	COLD SPRINGS AVE LT			CONSTRUCTION		7						1
40	148+29.84	ROUTE 7 EAST LT			CONSTRUCTION		7						1
41 - 42	106+34.51	ROUTE 7 LT	111+34.36	ROUTE 7 LT	FINAL					1246			0
41 - 42	106+34.51	ROUTE 7 RT	111+44.01	ROUTE 7 RT	FINAL					389			0
41 - 42	106+73.90	ROUTE 7 LT	111+14.17	ROUTE 7 LT	FINAL						398		0
41 - 42	106+75.00	ROUTE 7 LT	111+03.77	ROUTE 7 LT	FINAL					505			0
41 - 42	107+99.47	ROUTE 7 RT	111+37.28	ROUTE 7 RT	FINAL						303		0
41 - 42	108+95.64	ROUTE 7 RT	110+22.94	ROUTE 7 RT	FINAL					124			0
42 - 43	11+74.48	COLD SPRINGS AVE LT	118+13.3	ROUTE 7 RT	FINAL					2276			0
42 - 43	11+71.39	COLD SPRINGS AVE LT	114+74.88	ROUTE 7 RT	FINAL						198		0
42 - 43	11+71.37	COLD SPRINGS AVE LT	114+55.4	ROUTE 7 RT	FINAL					203			0
42 - 43	113+00.00	ROUTE 7 LT	118+14.91	ROUTE 7 LT	FINAL					904			0
44	5+27.66	COLD SPRINGS AVE LT	6+52.08	COLD SPRINGS AVE LT	FINAL					670			0
44	5+28.66	COLD SPRINGS AVE LT	6+21.16	COLD SPRINGS AVE LT	FINAL						83		0
44	5+27.66	COLD SPRINGS AVE RT	6+24.84	COLD SPRINGS AVE RT	FINAL					472			0
44	5+28.66	COLD SPRINGS AVE RT	5+75.25	COLD SPRINGS AVE RT	FINAL						43		0
44 - 45	6+65.41	COLD SPRINGS AVE RT	8+73.28	COLD SPRINGS AVE RT	FINAL					1007			0
44 - 45	6+90.52	COLD SPRINGS AVE LT	9+44.33	COLD SPRINGS AVE LT	FINAL					1117			0
44 - 45	7+08.03	COLD SPRINGS AVE LT	9+79.18	COLD SPRINGS AVE LT	FINAL						252		0
44 - 45	7+10.86	COLD SPRINGS AVE RT	8+81.24	COLD SPRINGS AVE RT	FINAL						163		0
42 & 45	10+17.94	COLD SPRINGS AVE RT	14+73.51	COLD SPRINGS AVE RT	FINAL					546			0
42 & 45	10+23.49	COLD SPRINGS AVE RT	14+73.51	COLD SPRINGS AVE RT	FINAL						406		0
42 & 45	10+18.83	COLD SPRINGS AVE RT	14+73.51	COLD SPRINGS AVE RT	FINAL					624			0
42 & 45	11+71.37	COLD SPRINGS AVE LT	13+20.71	COLD SPRINGS AVE LT	FINAL					348			0
42 & 45	11+71.39	COLD SPRINGS AVE LT	12+87.95	COLD SPRINGS AVE LT	FINAL						96		0
45	13+53.71	COLD SPRINGS AVE LT	13+97.52	COLD SPRINGS AVE LT	FINAL					84			0
45	14+15.52	COLD SPRINGS AVE LT	14+73.51	COLD SPRINGS AVE LT	FINAL					118			0
45	14+35.04	COLD SPRINGS AVE LT	14+73.51	COLD SPRINGS AVE LT	FINAL					34			0
46	147+78.79	ROUTE 7 EAST LT	148+82.3	ROUTE 7 EAST LT	FINAL					359			0
					TOTALS	5	252	20.0	20.0	1713	10667	1976	65

SEEDING AND MULCH							
SHEET NO.	STA.	STA.	LOCATION	COOL SEASON GRASS SEEDING (AC)	TEMPORARY SEEDING (AC)	MULCHING (AC)	REMARKS
4 - 5	106+34.51	111+27.39	ROUTE 7 LT	0.4	0.1	0.5	
4 - 5	106+34.51	111+70.33	ROUTE 7 RT	0.2	0.1	0.3	
5 - 6	112+66.96	118+14.91	ROUTE 7 LT	0.2	0.1	0.3	
5 - 6	113+05.84	118+12.79	ROUTE 7 RT	0.5	0.1	0.6	
8	5+27.66	6+52.86	COLD SPRINGS AVE LT	0.2	0.1	0.3	
8	5+27.66	6+24.91	COLD SPRINGS AVE RT	0.1	0	0.1	
8	6+65.41	9+12.15	COLD SPRINGS AVE RT	0.3	0.1	0.4	
8	6+90.52	9+47.89	COLD SPRINGS AVE LT	0.2	0.1	0.3	
9	10+50.31	14+73.51	COLD SPRINGS AVE RT	0.3	0.1	0.4	
9	10+85.55	13+20.71	COLD SPRINGS AVE LT	0.2	0.1	0.3	
9	13+53.71	13+97.52	COLD SPRINGS AVE LT	0.1	0.1	0.2	
9	14+15.52	14+73.51	COLD SPRINGS AVE LT	0.1	0.1	0.2	
11	147+78.79	148+82.30	ROUTE 7 EAST LT	0.1	0.1	0.2	
TOTALS				2.9	1.2	4.1	

SUMMARY OF QUANTITIES  
SHEET 3 OF 5



3/25/2026

ROUTE	STATE
7	MO
DISTRICT	SHEET NO.
SW	3

COUNTY  
BENTON  
JOB NO.  
JSR0110  
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)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

3/25/2026

ROUTE	STATE
7	MO
DISTRICT	SHEET NO.
SW	3
COUNTY	
BENTON	
JOB NO.	
JSR0110	
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)

**olsson**

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

SHEET NO.	STA.	STA.	LOCATION	CLASS 2 PAINT (24-MIL, TYPE L BEADS)				ISLAND MARKINGS FACE & TOP OF CURB		PERFORMED THERMOPLASTIC			REMARKS	
				6" WHITE (LF)	12" DOTTED WHITE (LF)	4" YELLOW (LF)	6" YELLOW (LF)	WHITE (LF)	YELLOW (LF)	24" YELLOW (LF)	24" WHITE (LF)	24" X 36" YIELD TRIANGLES WHITE (EA)		
76 - 77	106+34.51	111+37.82	ROUTE 7 LT	511										
76	106+34.51	108+31.46	ROUTE 7 LT				319							
76	106+34.51	108+31.02	ROUTE 7 RT				319							
76 - 77	106+34.51	111+72.59	ROUTE 7 RT	555										
76	107+55.60		ROUTE 7							5				
76	107+82.52		ROUTE 7							8				
76	108+05.77		ROUTE 7							12				
76 - 77	108+28.36	111+27.57	ROUTE 7					10	608					
76 - 77	108+31.02	111+33.17	ROUTE 7 RT				623							
76 - 77	108+31.46	111+33.17	ROUTE 7 LT				305							
77	111+25.39		ROUTE 7 RT									6		
77 - 78	112+63.01	118+62.79	ROUTE 7 LT	618										
77 - 78	113+02.43	118+62.79	ROUTE 7 LT				304							
77 - 78	113+02.88	118+12.79	ROUTE 7 RT				305							
77 - 78	112+97.79	118+62.79	ROUTE 7 RT	573										
77 - 78	113+07.33	116+07.23						10	588					
77	113+10.21		ROUTE 7 LT									6		
78	116+04.24	118+12.79	ROUTE 7 RT				331							
78	116+04.59	118+12.79	ROUTE 7 LT				319							
78	116+53.25		ROUTE 7							8				
79	5+27.60	6+33.34	COLD SPRINGS AVE LT	106										
79	5+27.66	7+85.65	COLD SPRINGS AVE LT				483							
79	5+27.66	7+85.65	COLD SPRINGS AVE RT				481							
79	5+27.66	5+87.58	COLD SPRINGS AVE RT	60										
79	6+35.01		COLD SPRINGS AVE							6				
79	6+85.27		COLD SPRINGS AVE							10				
79 & 77	7+08.09	9+22.28	COLD SPRINGS AVE RT	232										
79 & 77	7+11.14	9+52.07	COLD SPRINGS AVE LT	251										
79	7+35.13		COLD SPRINGS AVE							13				
79 & 77	7+82.65	9+13.35	COLD SPRINGS AVE					21	247					
79 & 77	7+85.65	9+20.60	COLD SPRINGS AVE LT				137							
79 & 77	7+85.65	9+13.08	COLD SPRINGS AVE RT				129							
77	9+04.55		COLD SPRINGS AVE RT									5		
77 & 80	10+47.92	14+73.51	COLD SPRINGS AVE RT	439										
77 & 80	10+77.72	13+00.00	COLD SPRINGS AVE LT	238										
77 & 80	14+34.92	14+73.51	COLD SPRINGS AVE LT	39										
77 & 80	10+79.87	14+73.51	COLD SPRINGS AVE RT				137							
77 & 80	10+86.90	14+73.51	COLD SPRINGS AVE LT				128							
77 & 80	10+86.99	12+17.34	COLD SPRINGS AVE					20	267					
77	10+94.29		COLD SPRINGS AVE LT									5		
80	12+14.34	14+73.51	COLD SPRINGS AVE RT				485							
80	12+14.34	14+73.51	COLD SPRINGS AVE LT				484							
80	12+67.12		COLD SPRINGS AVE							13				
80	13+17.34		COLD SPRINGS AVE							10				
80	13+67.34		COLD SPRINGS AVE							6				
77	0+00.00	4+09.90	CIRCULATORY ROADWAY	158			410							
77	0+11.77	0+54.83	CIRCULATORY ROADWAY		18									
77	1+10.22	1+33.31	CIRCULATORY ROADWAY		10									
77	2+16.72	2+59.78	CIRCULATORY ROADWAY		18									
77	3+15.00	3+38.37	CIRCULATORY ROADWAY		11									
81	147+13.61		ROUTE 7 EAST							12			STOP BAR	
81	147+27.71		ROUTE 7 EAST RT							12			STOP BAR	
81	147+33.71	147+71.77	ROUTE 7 EAST LT							54			CROSSWALK	
81	147+45.69	147+57.69	ROUTE 7 EAST LT							12			STOP BAR	
81	147+59.74	147+71.74	ROUTE 7 EAST RT							12			STOP BAR	
81	147+69.52	148+11.90	ROUTE 7 EAST LT	103				58					ISLAND	
81	147+69.55	148+10.23	ROUTE 7 EAST RT	138				79					ISLAND	
81	147+78.19	148+02.82	ROUTE 7 EAST							144			CROSSWALK	
81	147+68.79	148+82.30	ROUTE 7 EAST LT	142										
81	147+89.39		ROUTE 7 EAST LT							18			STOP BAR	
81	147+89.99		ROUTE 7 EAST LT											
81	147+90.39	148+10.97	ROUTE 7 EAST LT	21							5			
81	147+94.04		ROUTE 7 EAST RT									6		
81			ROUTE 7 EAST LT										STOP BAR	
			TOTALS	4184	57	3486	2213	198	1710	91	10	264	33	

SUMMARY OF QUANTITIES  
SHEET 4 OF 5



GENERAL NOTE:  
 THE APPROXIMATE LOCATION OF PROPERTY LINES 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.

NO RIGHT OF WAY TO BE ACQUIRED.

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

ALL BEARINGS ARE BASED ON STATE PLANE BEARINGS, CENTRAL ZONE.

SW 1/4, SE 1/4  
 18-40N-22W

PAYNE, WILLIAM L.  
 & HEIDI A.  
 NO ACQUISITIONS



3/25/2026

ROUTE 7 STATE MO

DISTRICT SW SHEET NO. 4

COUNTY BENTON

JOB NO. JSR0110

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE

DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION

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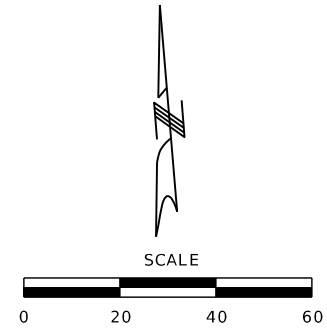
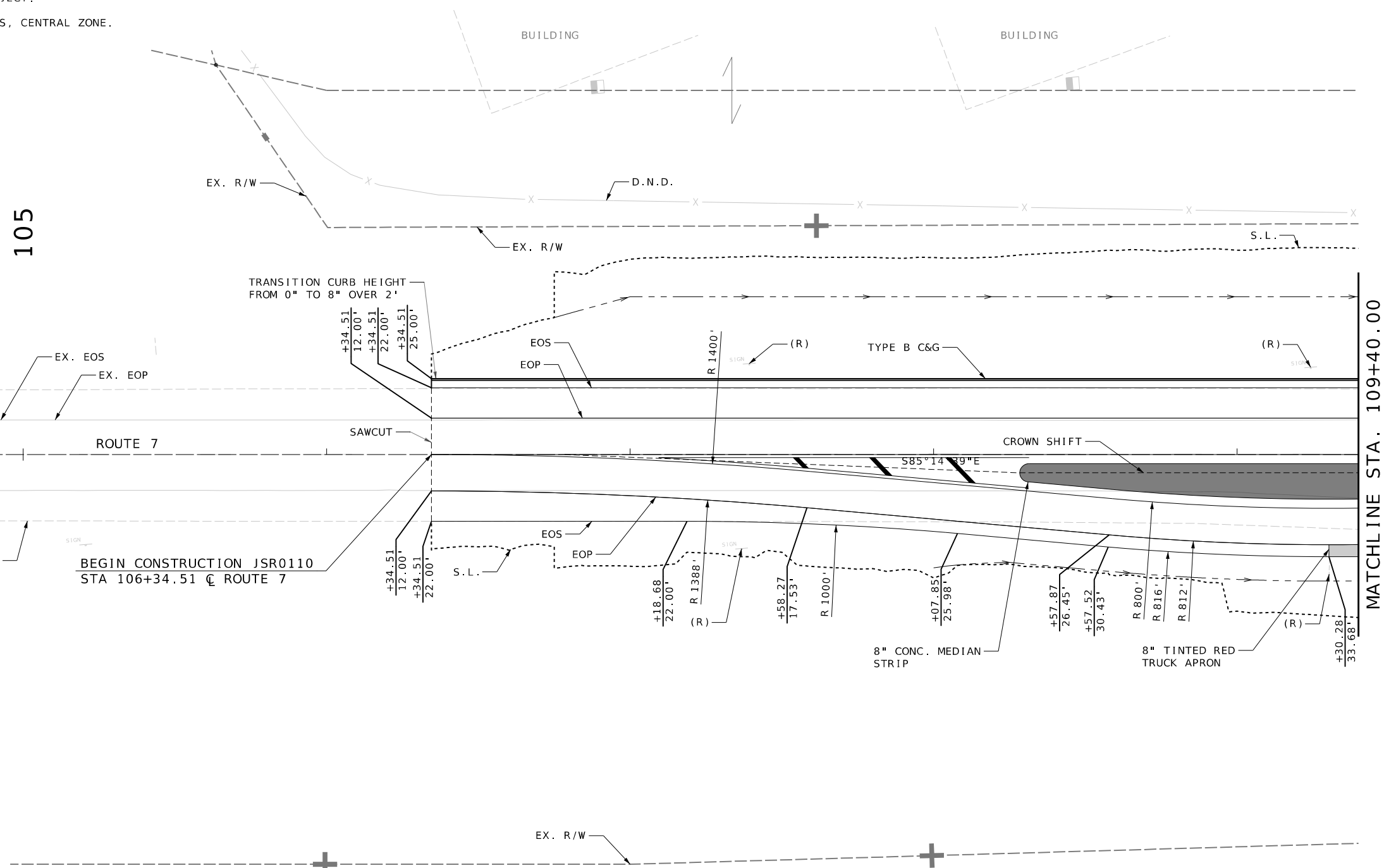
DESCRIPTION

DATE

DESCRIPTION

DATE

DESCRIPTION



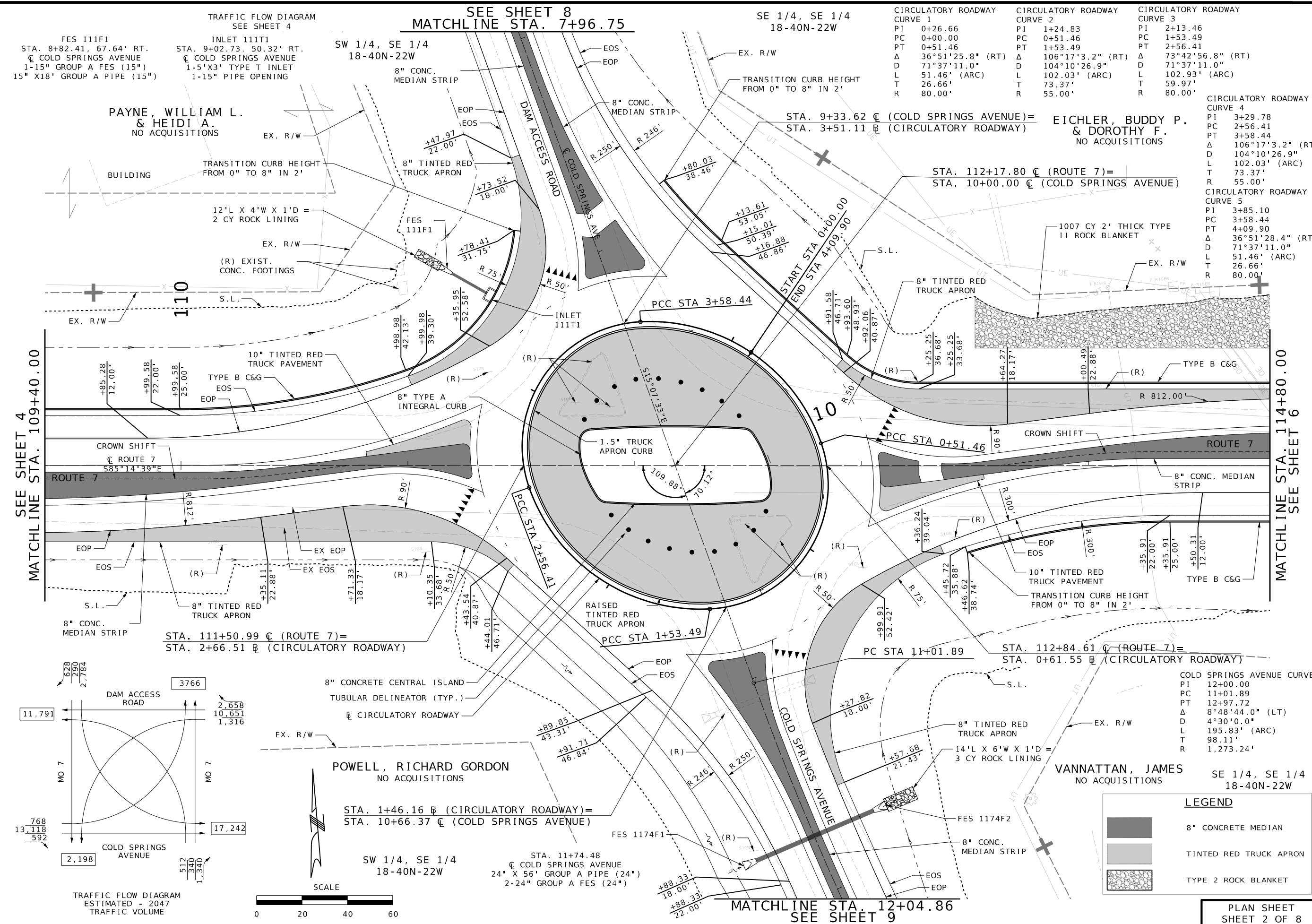
LEGEND	
	8" CONCRETE MEDIAN
	TINTED RED TRUCK APRON
	TYPE 2 ROCK BLANKET

PLAN SHEET  
 SHEET 1 OF 8

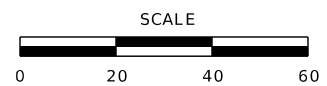
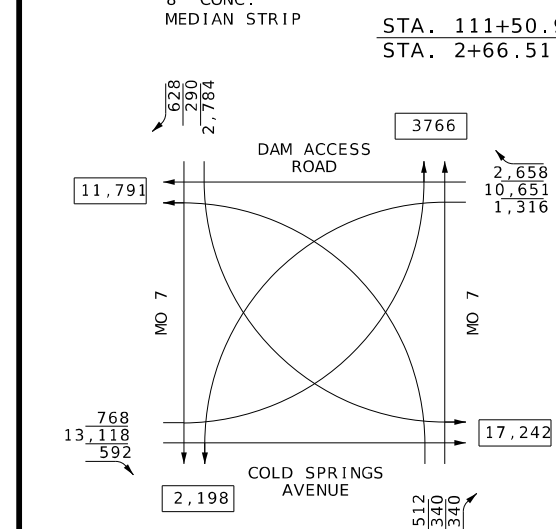
MISSOURI HIGHWAYS AND TRANSPORTATION  
 COMMISSION

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

PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592



TRAFFIC FLOW DIAGRAM  
ESTIMATED - 2047  
TRAFFIC VOLUME



Jonathan Peitz  
2026.03.01  
STATE OF MISSOURI  
JONATHAN W. PEITZ  
LICENSE NUMBER  
PE-2017019023  
PROFESSIONAL ENGINEER  
JONATHAN W. PEITZ-CIVIL ENGINEER  
MO# PE-2017019023

3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 5
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

**MoDOT**

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

**Olsson**

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

CIRCULATORY ROADWAY CURVE 1 PI 0+26.66 PC 0+00.00 PT 0+51.46 Δ 36°51'25.8" (RT) D 71°37'11.0" L 51.46' (ARC) T 26.66' R 80.00'	CIRCULATORY ROADWAY CURVE 2 PI 1+24.83 PC 0+51.46 PT 1+53.49 Δ 106°17'3.2" (RT) D 104°10'26.9" L 102.03' (ARC) T 73.37' R 55.00'	CIRCULATORY ROADWAY CURVE 3 PI 2+13.46 PC 1+53.49 PT 2+56.41 Δ 73°42'56.8" (RT) D 71°37'11.0" L 102.93' (ARC) T 59.97' R 80.00'
--	--	---

CIRCULATORY ROADWAY CURVE 4 PI 3+29.78 PC 2+56.41 PT 3+58.44 Δ 106°17'3.2" (RT) D 104°10'26.9" L 102.03' (ARC) T 73.37' R 55.00'	CIRCULATORY ROADWAY CURVE 5 PI 3+85.10 PC 3+58.44 PT 4+09.90 Δ 36°51'28.4" (RT) D 71°37'11.0" L 51.46' (ARC) T 26.66' R 80.00'
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**LEGEND**

- 8" CONCRETE MEDIAN
- TINTED RED TRUCK APRON
- TYPE 2 ROCK BLANKET

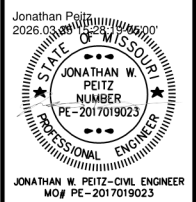
PLAN SHEET  
SHEET 2 OF 8

EICHLER, BUDDY P.  
& DOROTHY F.  
NO ACQUISITIONS

SE 1/4, SE 1/4  
18-40N-22W

PI 120+72.35  
PC 119+44.53  
PT 122+00.00  
Δ 5°6'33.8" (LT)  
D 2°0'0.0"  
L 255.47' (ARC)  
T 127.82'  
R 2,864.79'

UNION ELECTRIC CO.  
NO ACQUISITIONS



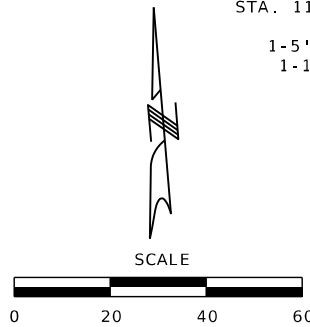
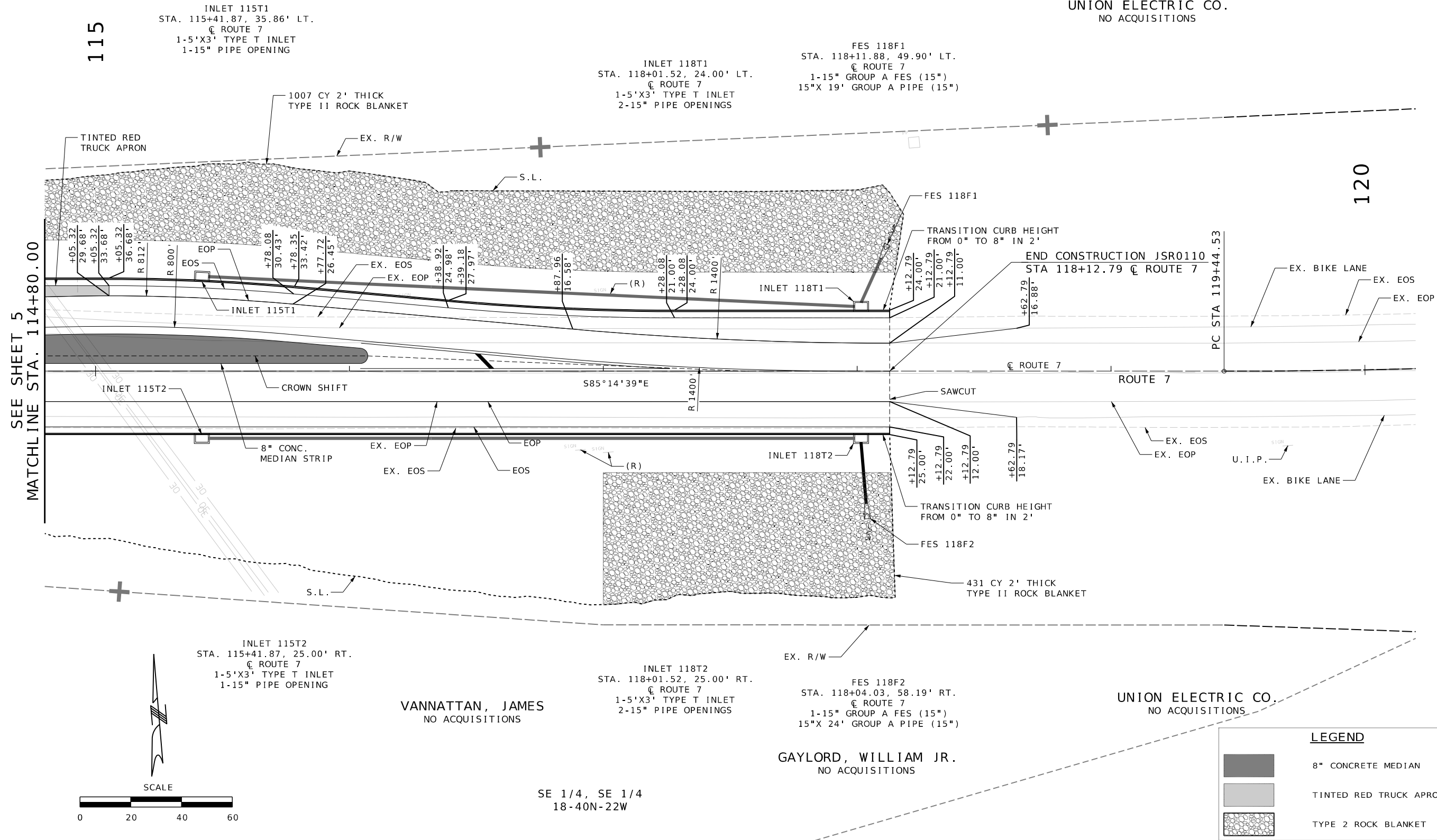
3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 6
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

**olsson**  
 PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592

PLAN SHEET  
SHEET 3 OF 8



VANNATTAN, JAMES  
NO ACQUISITIONS

INLET 118T2  
STA. 118+01.52, 25.00' RT.  
1-5'X3' TYPE T INLET  
1-15" PIPE OPENING

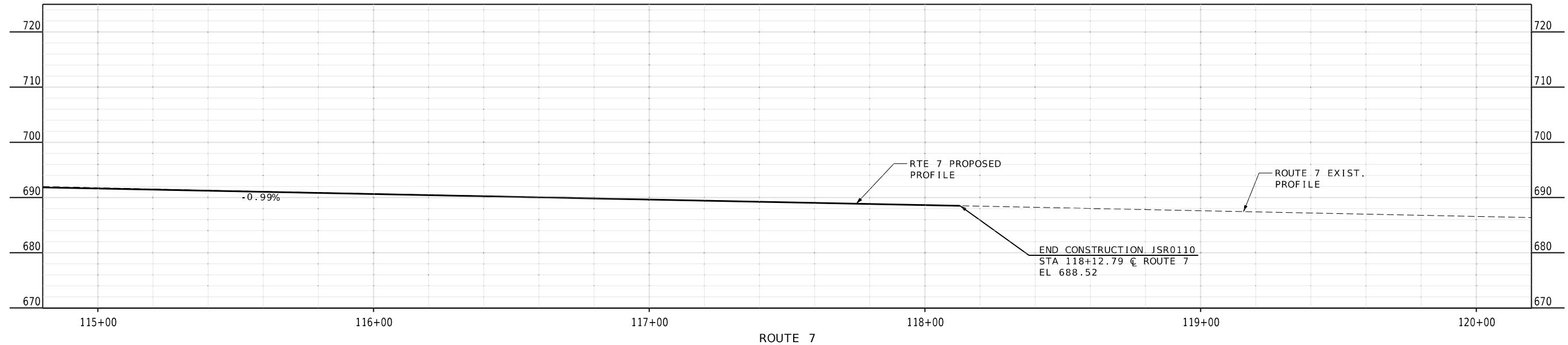
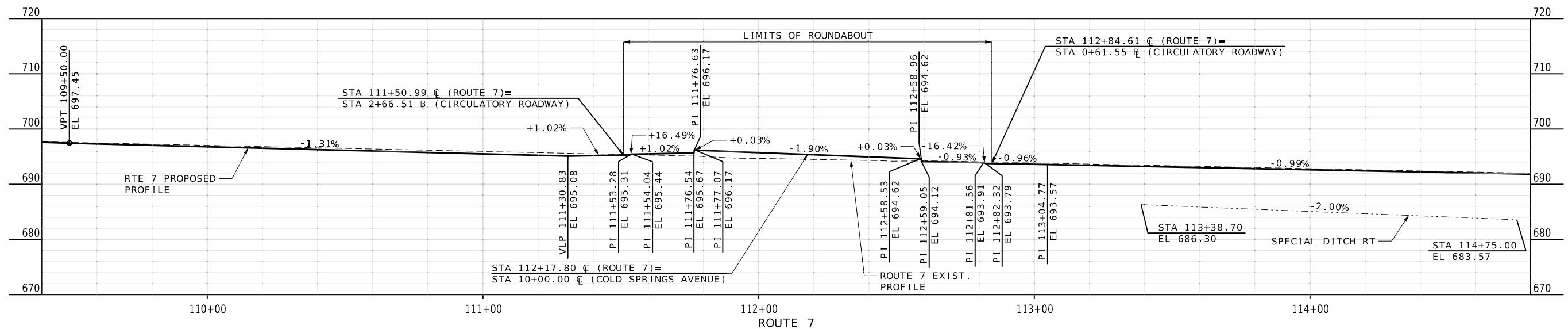
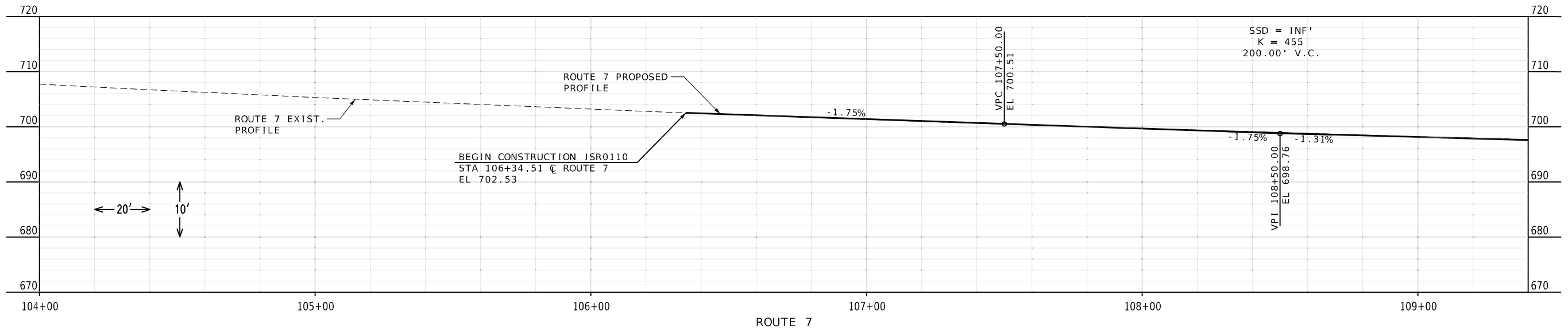
FES 118F2  
STA. 118+04.03, 58.19' RT.  
1-15" GROUP A FES (15")  
15"X 24' GROUP A PIPE (15")

GAYLORD, WILLIAM JR.  
NO ACQUISITIONS

UNION ELECTRIC CO.  
NO ACQUISITIONS

**LEGEND**

	8" CONCRETE MEDIAN
	TINTED RED TRUCK APRON
	TYPE 2 ROCK BLANKET



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 7
COUNTY BENTON	
JOB NO. JSR0110	
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)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

PROFILE SHEET  
SHEET 4 OF 8

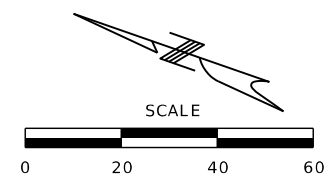
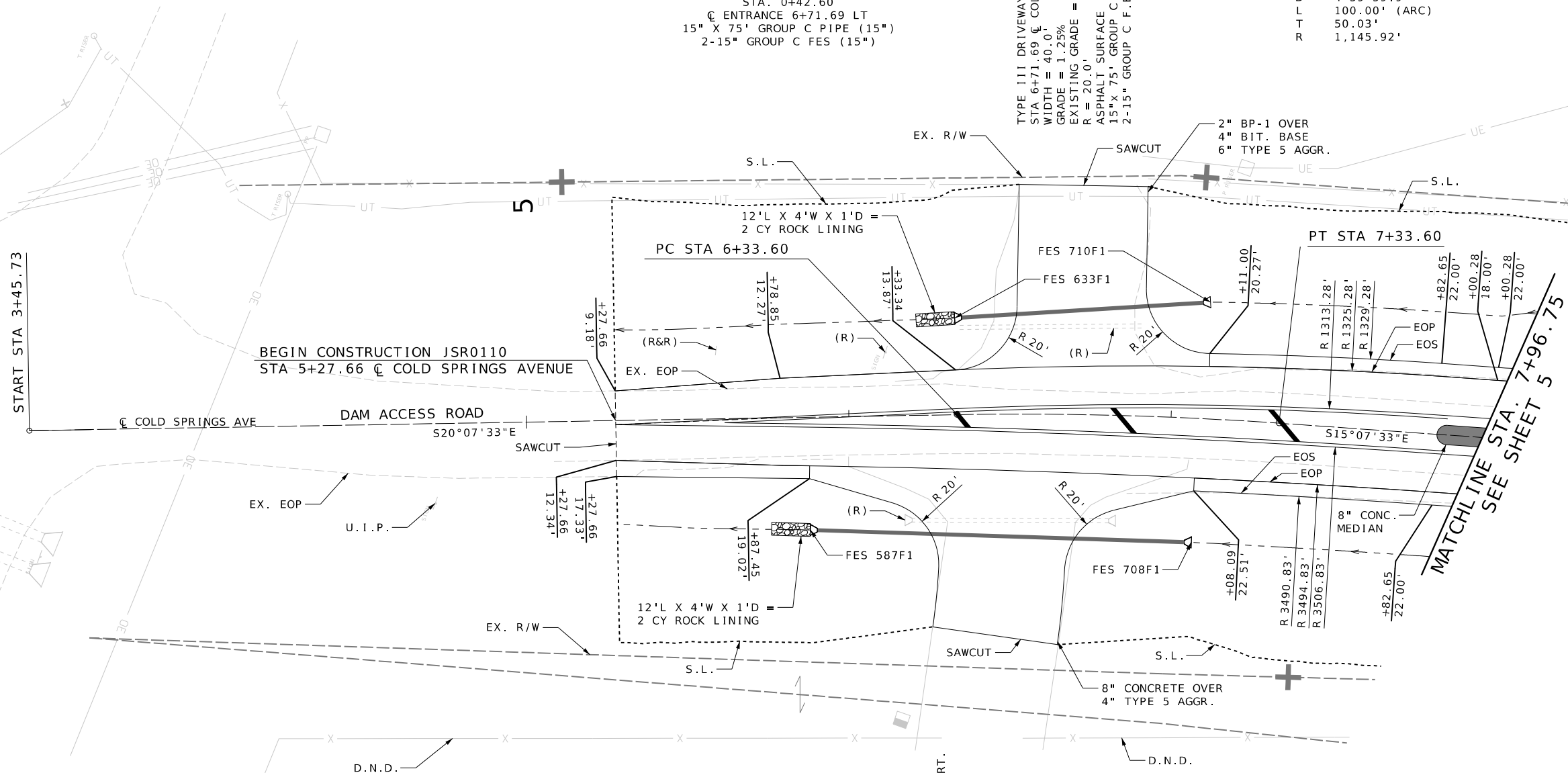
EICHLER, BUDDY P.  
& DOROTHY F.  
NO ACQUISITIONS

SE 1/4, SE 1/4  
18-40N-22W

STA. 0+42.60  
CENTRANCE 6+71.69 LT  
15" X 75' GROUP C PIPE (15")  
2-15" GROUP C FES (15")

TYPE III DRIVEWAY  
STA 6+71.69 C COLD SPRINGS AVENUE LT.  
WIDTH = 40.0'  
GRADE = 1.25%  
EXISTING GRADE = 3.13%  
R = 20.0'  
ASPHALT SURFACE  
15" X 75' GROUP C PIPE (15")  
2-15" GROUP C F.E.S. (15")

COLD SPRINGS AVENUE CURVE  
PI 6+83.63  
PC 6+33.60  
PT 7+33.60  
Δ 5°0'0.0" (RT)  
D 4°59'59.9"  
L 100.00' (ARC)  
T 50.03'  
R 1,145.92'



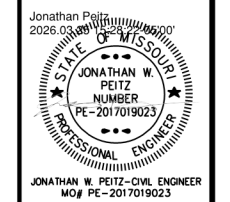
PAYNE, WILLIAM L.  
& HEIDI A.  
NO ACQUISITIONS

SW 1/4, SE 1/4  
18-40N-22W

STA. 0+37.85  
CENTRANCE 6+47.69 RT  
15" X 114' GROUP C PIPE (15")  
2-15" GROUP C FES (15")

TYPE III DRIVEWAY  
STA 6+47.69 C COLD SPRINGS AVENUE RT.  
WIDTH = 39.0'  
GRADE = 10.47%  
EXISTING GRADE = 8.66%  
RADIUS = 20.0'  
CONC. SURFACE  
15" X 114' GROUP C PIPE (15")  
2-15" GROUP C F.E.S. (15")

LEGEND	
	8" CONCRETE MEDIAN
	TINTED RED TRUCK APRON
	TYPE 2 ROCK BLANKET



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 8
COUNTY BENTON	
JOB NO. JSR0110	
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)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

PLAN SHEET  
SHEET 5 OF 8



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 9
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

**olsson**  
 PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592

PLAN SHEET  
 SHEET 6 OF 8

SE 1/4, SE 1/4  
 18-40N-22W

VANNATTAN, JAMES  
 NO ACQUISITIONS

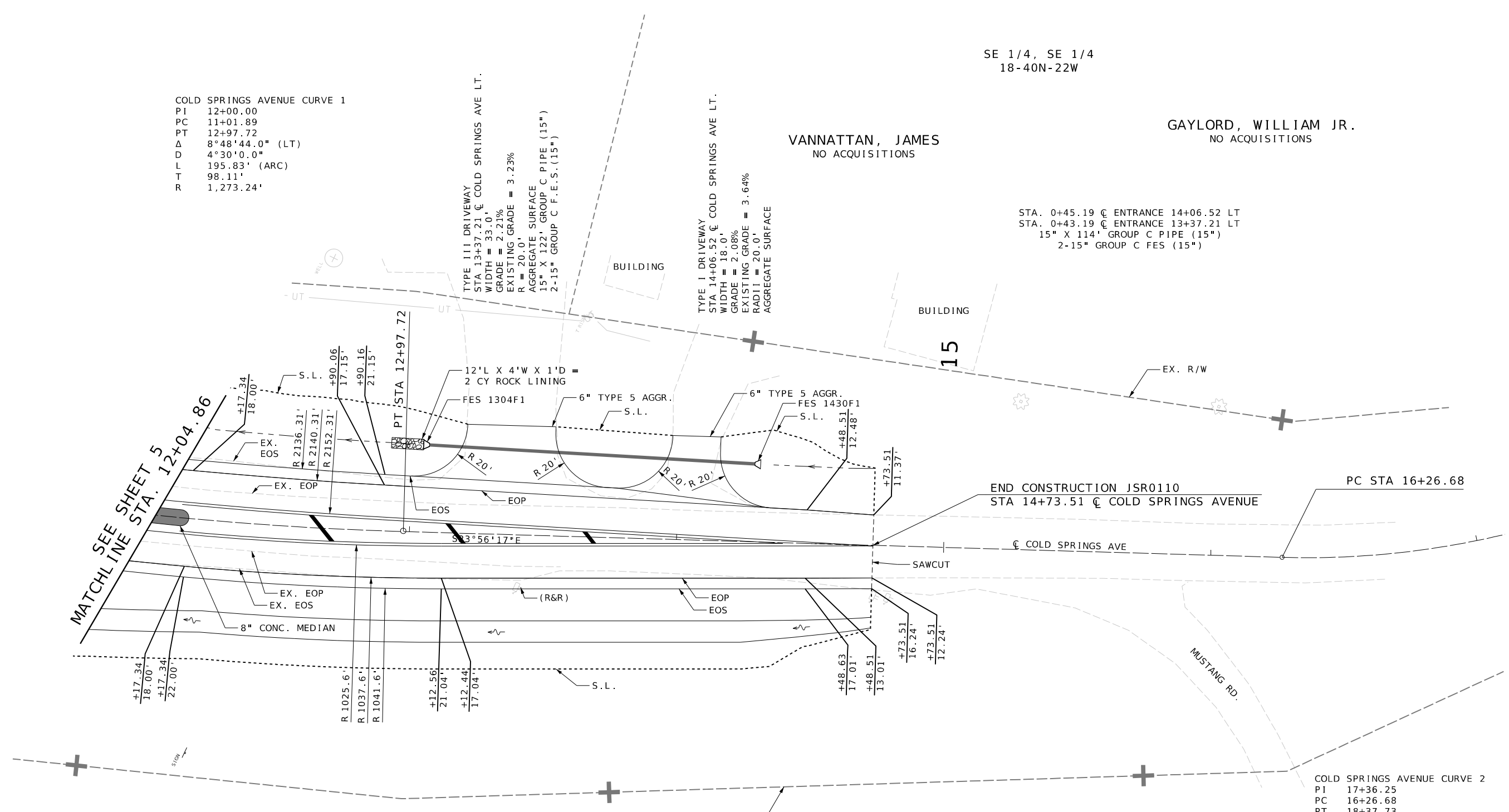
GAYLORD, WILLIAM JR.  
 NO ACQUISITIONS

STA. 0+45.19 @ ENTRANCE 14+06.52 LT  
 STA. 0+43.19 @ ENTRANCE 13+37.21 LT  
 15" X 114' GROUP C PIPE (15")  
 2-15" GROUP C FES (15")

COLD SPRINGS AVENUE CURVE 1  
 PI 12+00.00  
 PC 11+01.89  
 PT 12+97.72  
 Δ 8°48'44.0" (LT)  
 D 4°30'0.0"  
 L 195.83' (ARC)  
 T 98.11'  
 R 1,273.24'

TYPE III DRIVEWAY  
 STA 13+37.21 @ COLD SPRINGS AVE LT.  
 WIDTH = 33.0'  
 GRADE = 2.21%  
 EXISTING GRADE = 3.23%  
 R = 20.0'  
 AGGREGATE SURFACE  
 15" X 122' GROUP C PIPE (15")  
 2-15" GROUP C F.E.S. (15")

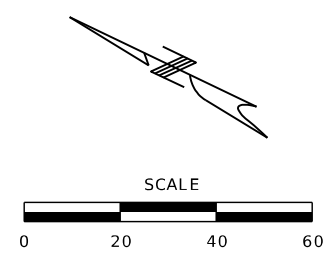
TYPE I DRIVEWAY  
 STA 14+06.52 @ COLD SPRINGS AVE LT.  
 WIDTH = 18.0'  
 GRADE = 2.08%  
 EXISTING GRADE = 3.64%  
 RADIUS = 20.0'  
 AGGREGATE SURFACE



COLD SPRINGS AVENUE CURVE 2  
 PI 17+36.25  
 PC 16+26.68  
 PT 18+37.73  
 Δ 37°59'16.0" (LT)  
 D 18°0'0.0"  
 L 211.04' (ARC)  
 T 109.56'  
 R 318.31'

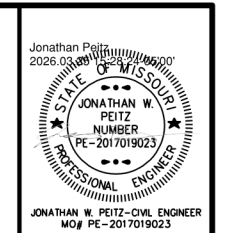
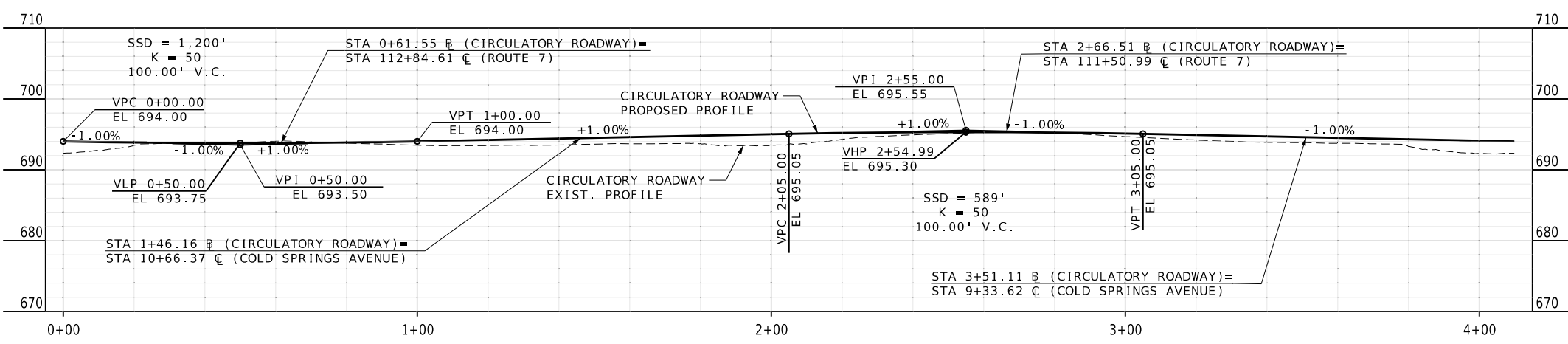
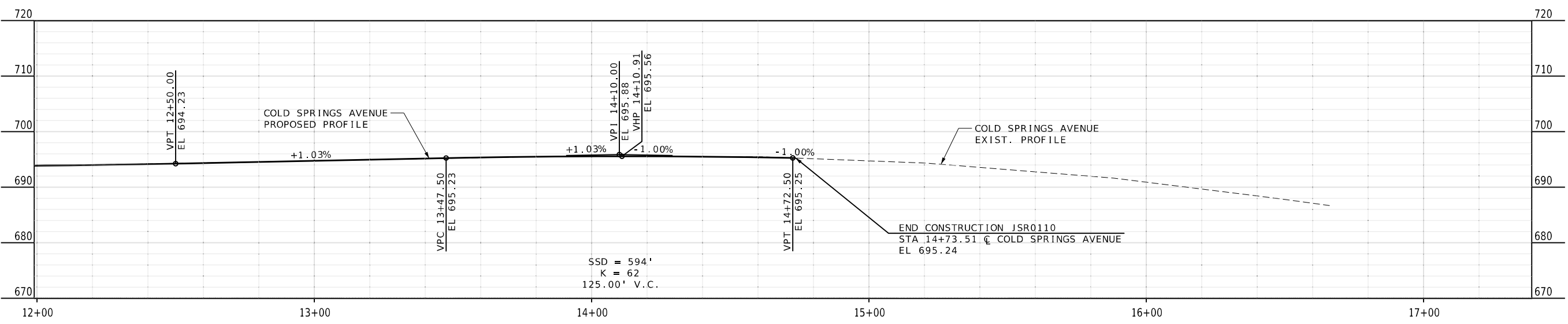
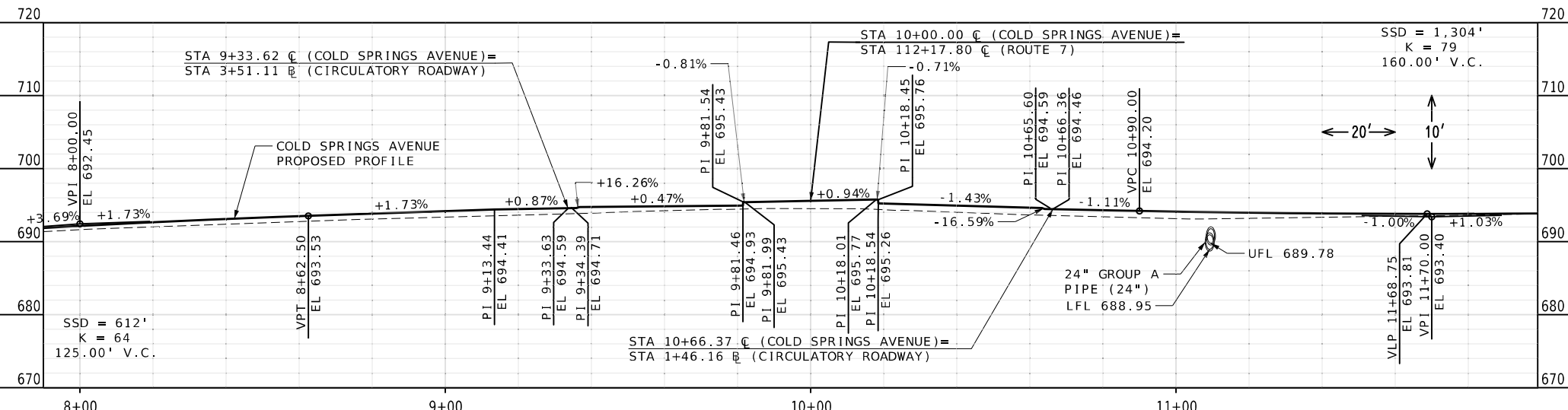
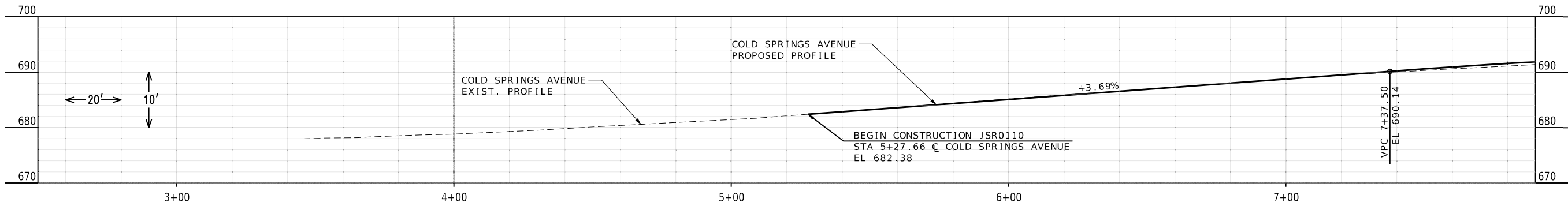
**LEGEND**

	8" CONCRETE MEDIAN
	TINTED RED TRUCK APRON
	TYPE 2 ROCK BLANKET



POWELL, RICHARD GORDON  
 NO ACQUISITIONS

SW 1/4, SE 1/4  
 18-40N-22W



3/25/2026

ROUTE <b>7</b>	STATE <b>MO</b>
DISTRICT <b>SW</b>	SHEET NO. <b>10</b>
COUNTY <b>BENTON</b>	
JOB NO. <b>JSR0110</b>	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

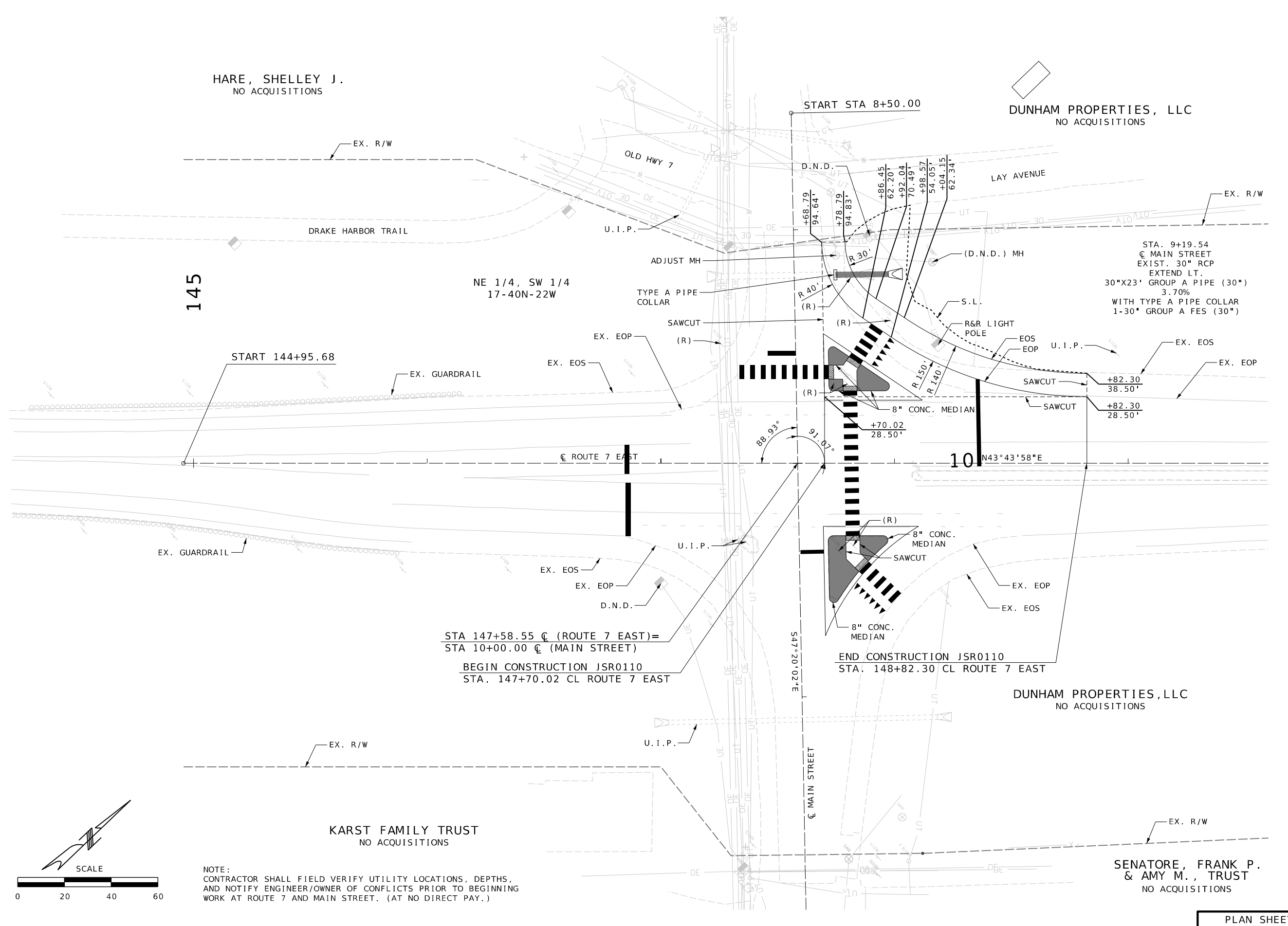
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PH: 417.890.8802  
550 S. L. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

PROFILE SHEET  
SHEET 7 OF 8

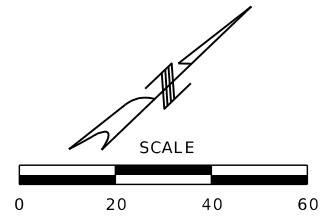


HARE, SHELLEY J.  
NO ACQUISITIONS

DUNHAM PROPERTIES, LLC  
NO ACQUISITIONS

KARST FAMILY TRUST  
NO ACQUISITIONS

NOTE:  
CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS, DEPTHS,  
AND NOTIFY ENGINEER/OWNER OF CONFLICTS PRIOR TO BEGINNING  
WORK AT ROUTE 7 AND MAIN STREET. (AT NO DIRECT PAY.)



3/25/2026	
ROUTE	STATE
7	MO
DISTRICT	SHEET NO.
SW	11
COUNTY	
BENTON	
JOB NO.	
JSR0110	
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)

PH: 417.890.8802  
550 S. L. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

PLAN SHEET  
SHEET 8 OF 8

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 MULTIPLY THE PROJECT COORDINATES BY THE AVERAGE GRID FACTOR AS SHOWN IN THE "REFERENCE CONTROL INFORMATION" PORTION OF THIS TABLE.

PROJECT COORDINATE INFORMATION	
COORDINATE SYSTEM	STATE PLANE, MISSOURI CENTRAL
HORIZONTAL DATUM	NAD 1983
VERTICAL DATUM	NAVD 1988
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	
PROJECT PROJECTION FACTOR	1.00001

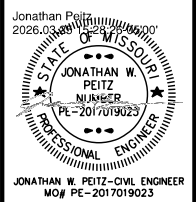
REFERENCE CONTROL INFORMATION	
COORDINATE SYSTEM	NAD 1983
CONTROL STATION	MODOT GNSS
DESIGNATION	MODOT WARSAW CORS ARP
CORS_ID	MOWW
PID	DL4696
LATITUDE	38°15'12.09615"
LONGITUDE	93°21'42.33070"
NORTHING (M)	268904.233
EASTING (M)	424575.134
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	0.99999

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 #1  
 N 878238.6935 X 0.99999 = N 878229.9111  
 E 1382743.2976 X 0.99999 = E 1382729.4701

LINEAR UNIT CONVERSION  
 1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING							
SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND)			DESCRIPTION
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	
<b>PROJECT CONTROL POINTS</b>							
5	111+04.29	LT ROUTE 7	63.13	878,238.69	1,382,743.30	694.66	CP 1 - 5/8" IP W/ PINK CAP
5	113+36.08	LT. COLD SPRINGS AVE.	69.17	878,036.54	1,382,959.08	693.34	CP 2 - 5/8" IP W/ PINK CAP
11	149+03.17	RT ROUTE 7	96.75	879,208.19	1,386,234.54	695.29	CP 3 - 5/8" IP W/ PINK CAP
<b>ALIGNMENTS</b>							
<b>ROUTE 7</b>							
	98+08.25	℄		878,283.2346	1,381,446.4871		BEGIN ALIGNMENT ROUTE 7
	119+44.53	℄		878,106.1157	1,383,575.4099		PC POINT
	120+72.35	LT	5.68	878,095.5181	1,383,702.7895		PI POINT Δ= 5°06'34"
				880,961.0423	1,383,812.9298		CC POINT
	122+00.00 R1	℄		878,096.3068	1,383,830.606800		END ALIGNMENT ROUTE 7 PT POINT
<b>COLD SPRINGS AVENUE</b>							
	3+45.73	℄		878,789.1041	1,382,652.3483		BEGIN ALIGNMENT COLD SPRINGS AVENUE
	6+33.60	℄		878,518.8133	1,382,751.3983		PC POINT
	6+83.63	LT	1.09	878,471.8364	1,382,768.6134		PI POINT Δ= 5°00'00"
				878,124.5237	1,381,675.4483		CC POINT
	7+33.60	℄		878,423.5377	1,382,781.6686		PT POINT
	11+01.89	℄		878,068.0060	1,382,877.7697		PC POINT
	12+00.00	RT	3.77	877,973.2978	1,382,903.3695		PI POINT Δ= 8°48'44"
				878,400.2427	1,384,106.8990		CC POINT
	12+97.72	℄		877,883.6294	1,382,943.1762		PT POINT
	16+26.69	℄		877,582.9574	1,383,076.6540		PC POINT
	17+36.25	RT	18.33	877,482.8167	1,383,121.1096		PI POINT Δ= 37°59'16"
				877,712.1108	1,383,367.5847		CC POINT
	18+37.73	℄		877,431.2537	1,383,217.7830		PT POINT
	19+37.72	℄		877,384.1944	1,383,306.0124		END ALIGNMENT COLD SPRINGS AVENUE
<b>CIRCULATORY ROADWAY</b>							
	0+00.00	℄		878,213.2293	1,382,888.6483		BEGIN ALIGNMENT CIRCULATORY ROADWAY
	0+00.00	℄		878,213.2293	1,382,888.6483		PC POINT
	0+26.66	LT	4.32	878,196.5830	1,382,909.4686		PI POINT Δ= 36°51'26"
				878,150.7453	1,382,838.6908		CC POINT
	0+51.46	℄		878,170.7753	1,382,916.1428		PCC POINT
	1+24.83	LT	36.69	878,099.7467	1,382,934.5116		PI POINT Δ= 106°17'03"
				878,157.0046	1,382,862.8946		CC POINT
	1+53.49	℄		878,102.0313	1,382,861.1818		PCC POINT
	2+13.46	LT	19.98	878,103.8989	1,382,801.2371		PI POINT Δ= 73°42'57"
				878,181.9925	1,382,863.6731		CC POINT
	2+56.41	℄		878,161.9625	1,382,786.2212		PCC POINT
	3+29.78	LT	36.69	878,232.9911	1,382,767.8523		PI POINT Δ= 106°17'03"
				878,175.7331	1,382,839.4694		CC POINT
	3+58.44	℄		878,230.7065	1,382,841.1821		PCC POINT
	3+85.10	LT	4.32	878,229.8763	1,382,867.8265		PI POINT Δ= 36°51'28"
				878,150.7453	1,382,838.6908		CC POINT
	4+09.90	℄		878,213.2300	1,382,888.6475		PT POINT
	4+09.90	℄		878,213.2300	1,382,888.6475		END ALIGNMENT CIRCULATORY ROADWAY
<b>ROUTE 7 EAST</b>							
	144+95.68	℄		878,980.6212	1,385,882.9429		BEGIN ALIGNMENT ROUTE 7 EAST
	155+00.00	℄		879,706.3133	1,386,577.2264		PI POINT Δ= 0°
	156+00.00	℄		879,778.5704	1,386,646.3561		END ALIGNMENT ROUTE 7 EAST
<b>MAIN STREET</b>							
	8+50.00	℄		879,272.2223	1,385,954.3670		START ALIGNMENT MAIN STREET
	12+00.00	℄		879,035.0181	1,386,211.7270		END ALIGNMENT MAIN STREET



3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 12  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION



**olsson**  
 PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592



3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 13  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

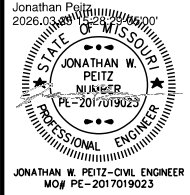
COORDINATE POINT LISTING							
SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND)			DESCRIPTION
				NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	
ALIGNMENTS							
BYPASS							
	0+00.00	℄		878,240.6841	1,381,957.9330		START ALIGNMENT
	0+51.40	LT	6.29	878,236.4221	1,382,009.1610		PI POINT Δ= 5°39'34"
				879,277.1034	1,382,044.1590		CC POINT
	1+02.73	℄		878,237.2328	1,382,060.5590		PT POINT
	2+02.73	℄		878,238.8097	1,382,160.5470		PC POINT
	2+54.13	RT	6.29	878,239.6203	1,382,211.9450		PI POINT Δ= 5°39'34"
				877,198.9390	1,382,176.9460		CC POINT
	3+05.45	℄		878,235.3583	1,382,263.1730		PT POINT
	14+92.15	℄		878,136.9689	1,383,445.7880		PC POINT
	15+34.49	RT	5.18	878,133.4585	1,383,487.9820		PI POINT Δ= 4°39'46"
				877,100.5496	1,383,359.5610		CC POINT
	15+76.79	℄		878,126.5298	1,383,529.7510		PT POINT
	16+75.74	℄		878,110.3368	1,383,627.3694		PC POINT
	17+57.00	LT	9.93	878,097.0384	1,383,707.5380		PI POINT Δ= 8°56'09"
				879,136.3170	1,383,797.5594		CC POINT
	18+37.94	℄		878,096.3539	1,383,788.7993		END ALIGNMENT

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

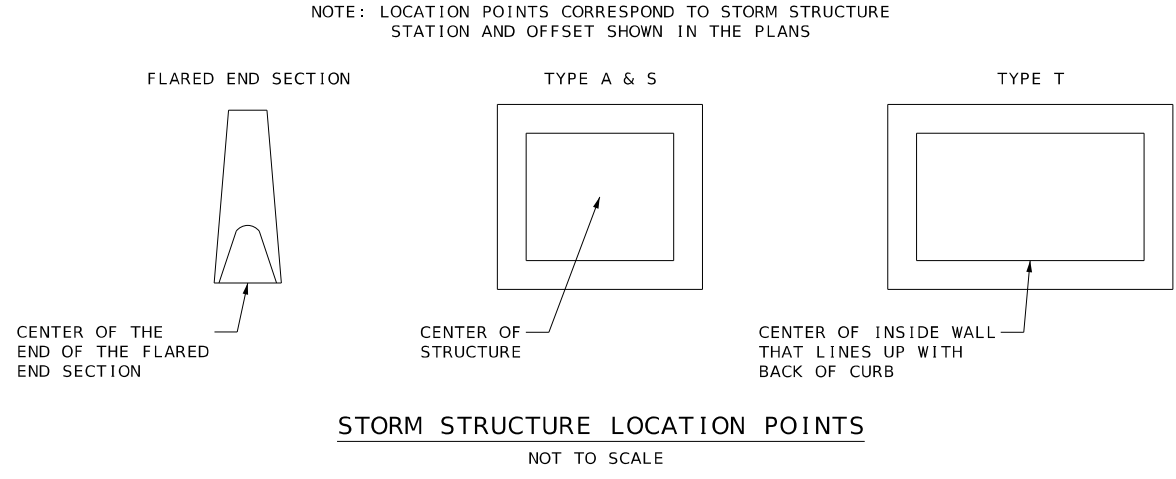
105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

**Olsson**  
 PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592



3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 14  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

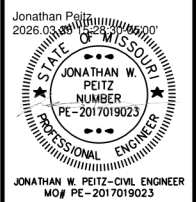
DATE	DESCRIPTION



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

**olsson**  
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 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592

DRAINAGE DETAILS  
 SPECIAL SHEET  
 SHEET 1 OF 6

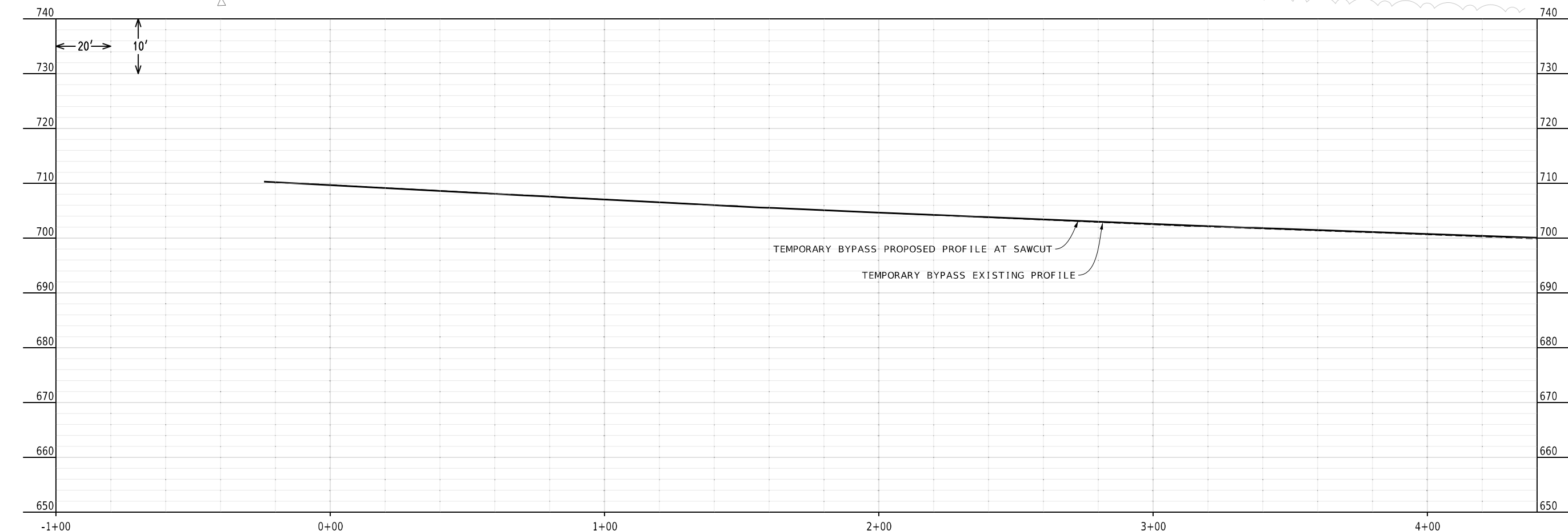
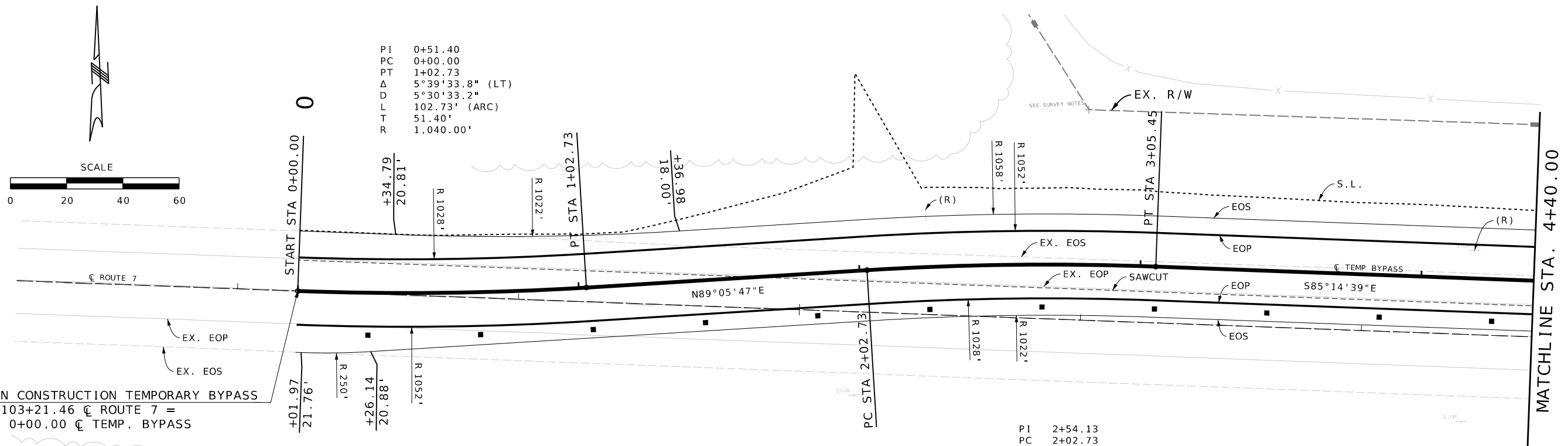


3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 15  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION

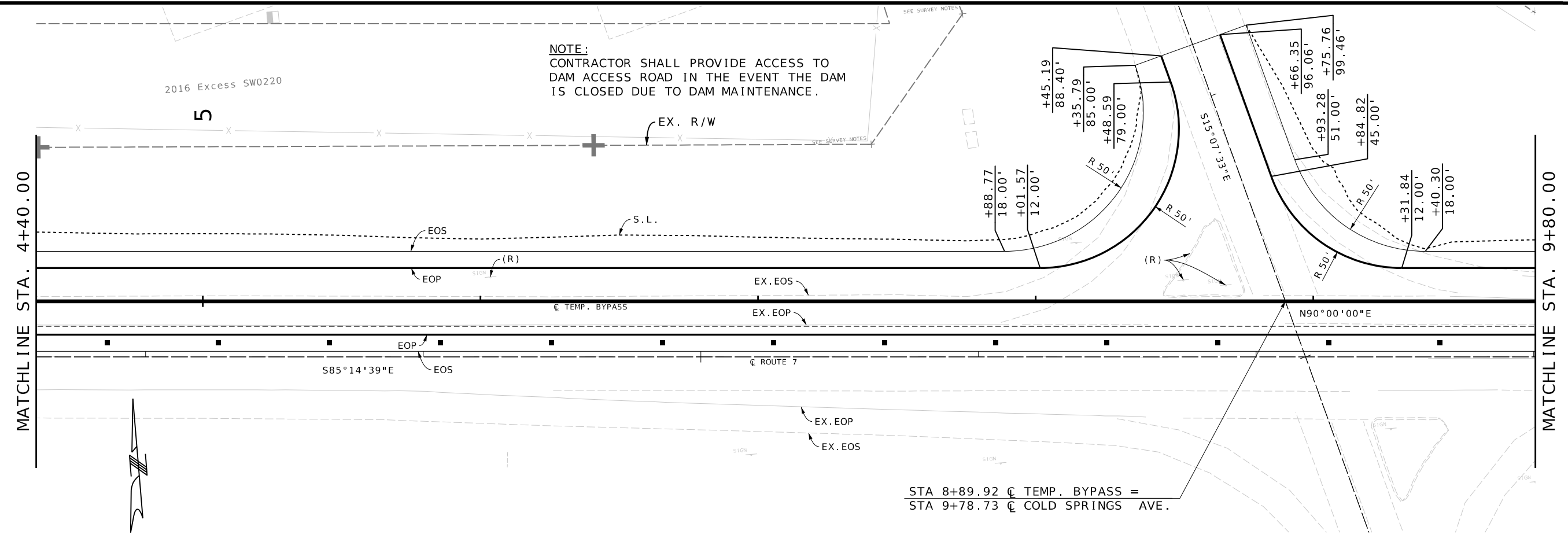
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

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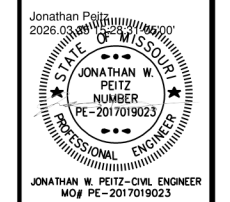
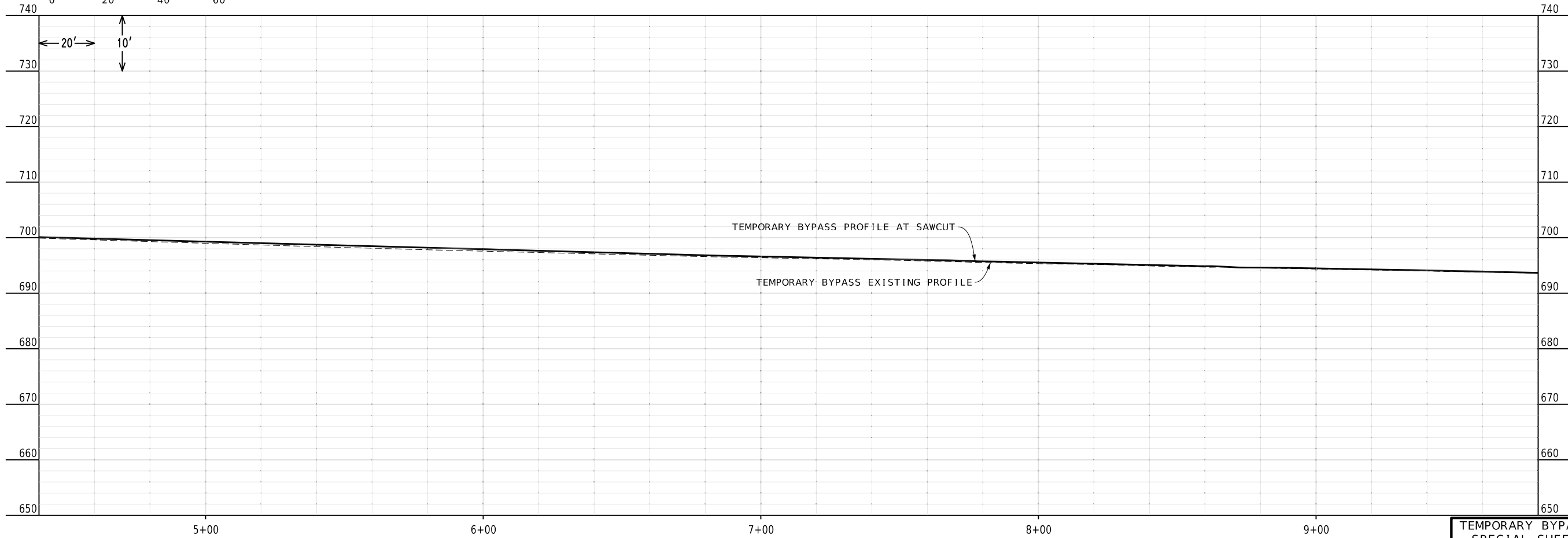
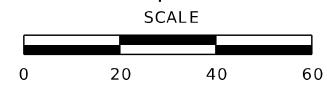


TEMPORARY BYPASS  
 SPECIAL SHEET  
 SHEET 2 OF 6

**NOTE:**  
CONTRACTOR SHALL PROVIDE ACCESS TO DAM ACCESS ROAD IN THE EVENT THE DAM IS CLOSED DUE TO DAM MAINTENANCE.



STA 8+89.92 @ TEMP. BYPASS =  
STA 9+78.73 @ COLD SPRINGS AVE.



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 16
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

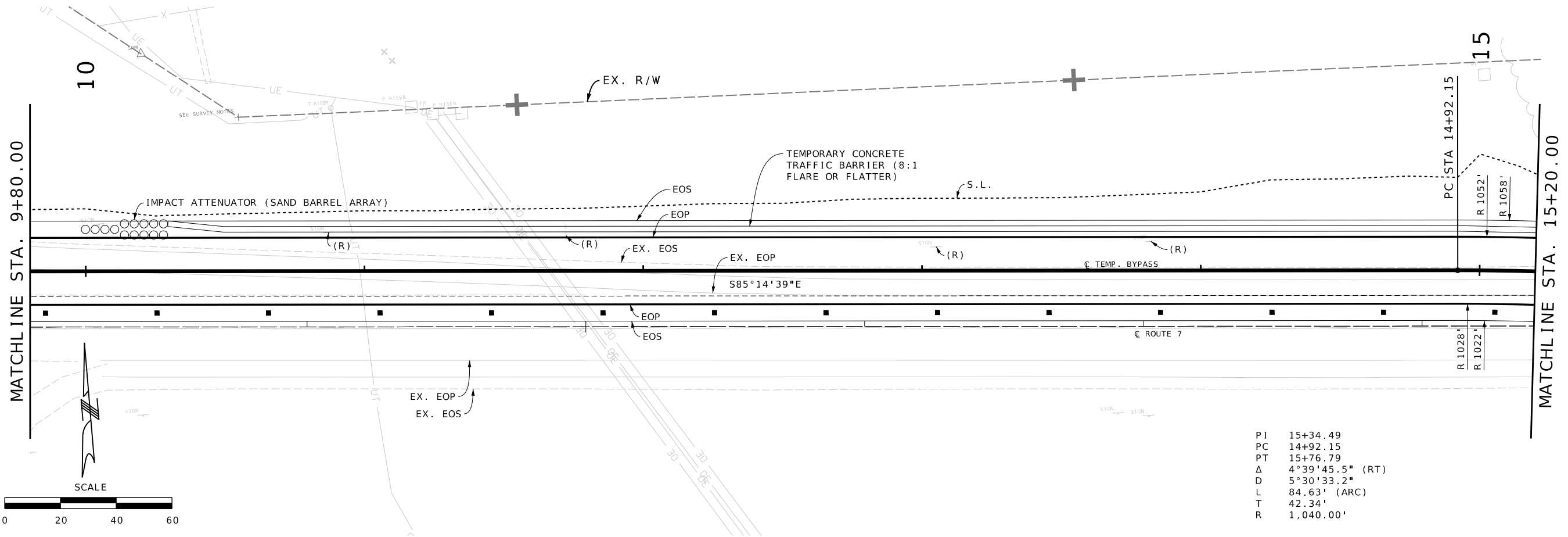
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

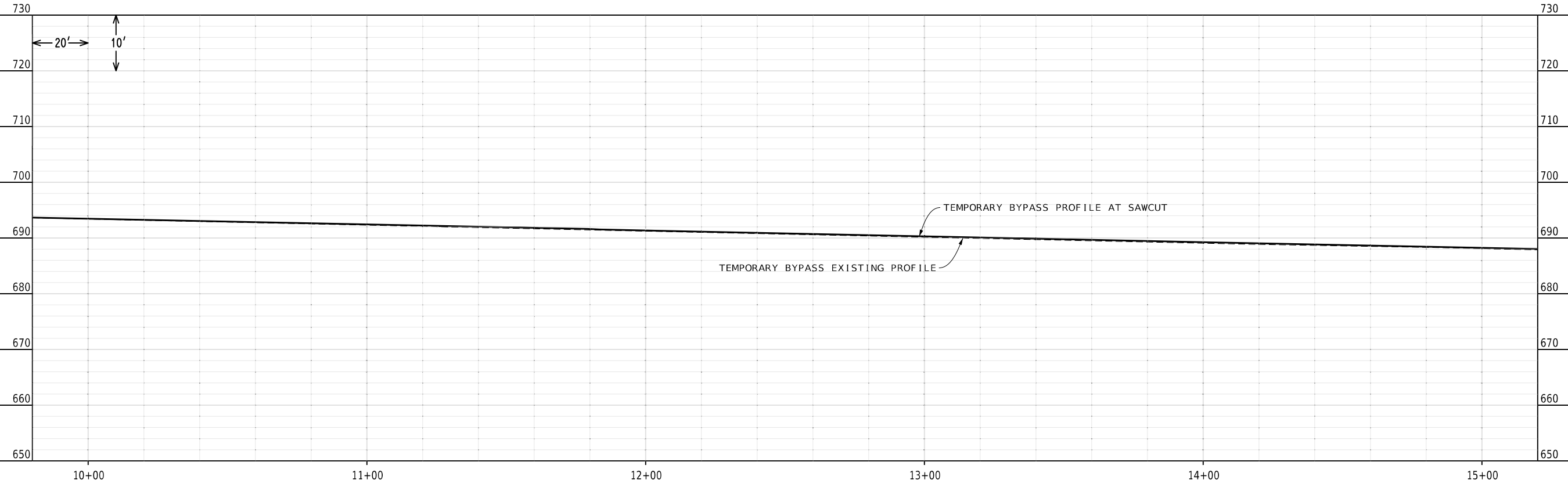
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

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SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

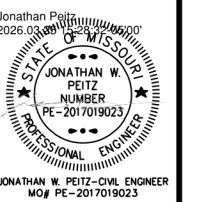
TEMPORARY BYPASS  
SPECIAL SHEET  
SHEET 3 OF 6



PI	15+34.49
PC	14+92.15
PT	15+76.79
Δ	4°39'45.5" (RT)
D	5°30'33.2"
L	84.63' (ARC)
T	42.34'
R	1,040.00'



TEMPORARY BYPASS  
SPECIAL SHEET  
SHEET 4 OF 6



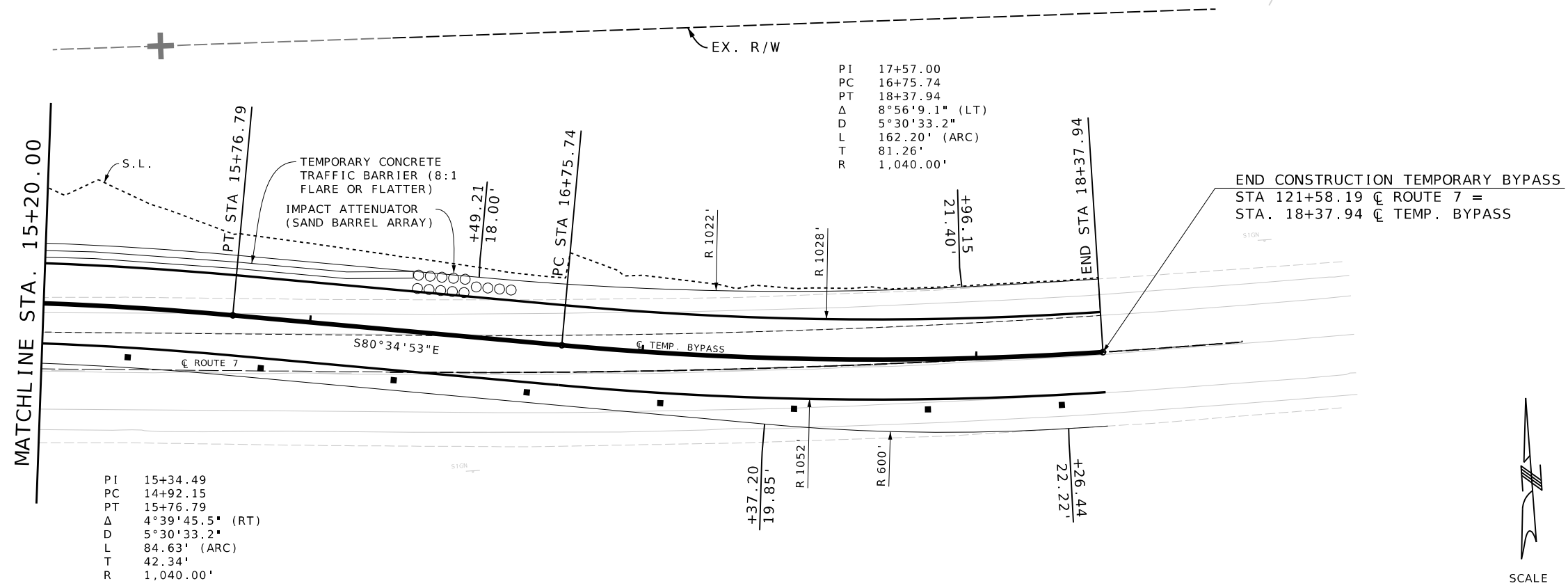
3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 17
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

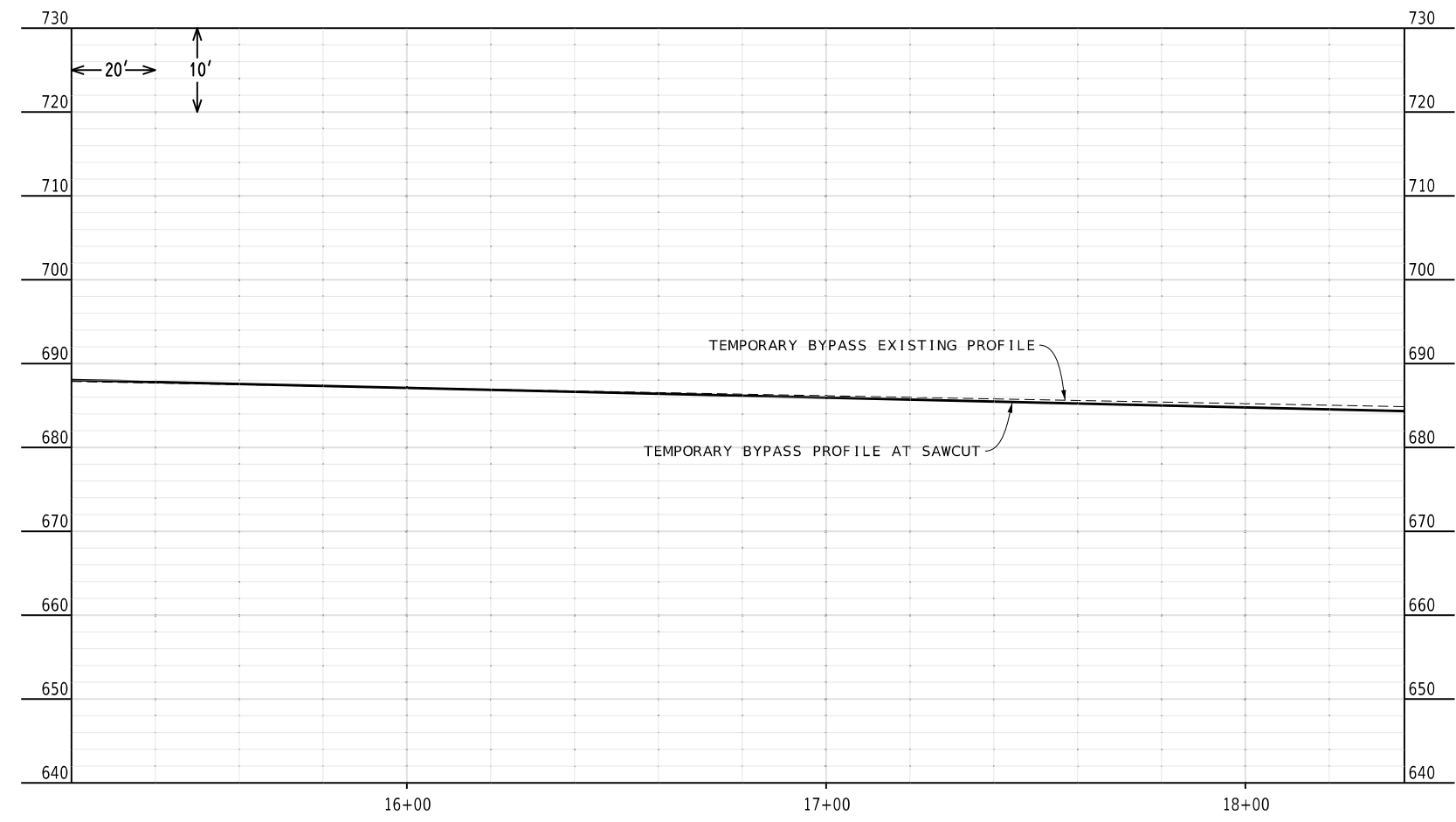
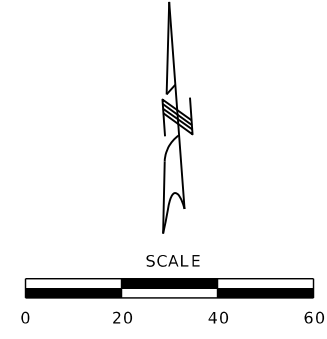
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592



PI 17+57.00  
 PC 16+75.74  
 PT 18+37.94  
 $\Delta$  8°56'9.1" (LT)  
 D 5°30'33.2"  
 L 162.20' (ARC)  
 T 81.26'  
 R 1,040.00'

PI 15+34.49  
 PC 14+92.15  
 PT 15+76.79  
 $\Delta$  4°39'45.5" (RT)  
 D 5°30'33.2"  
 L 84.63' (ARC)  
 T 42.34'  
 R 1,040.00'

END CONSTRUCTION TEMPORARY BYPASS  
 STA 121+58.19 @ ROUTE 7 =  
 STA. 18+37.94 @ TEMP. BYPASS



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 18
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

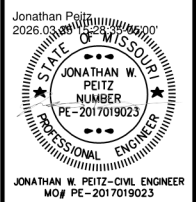
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PH: 417.890.8802  
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SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

TEMPORARY BYPASS  
SPECIAL SHEET  
SHEET 5 OF 6



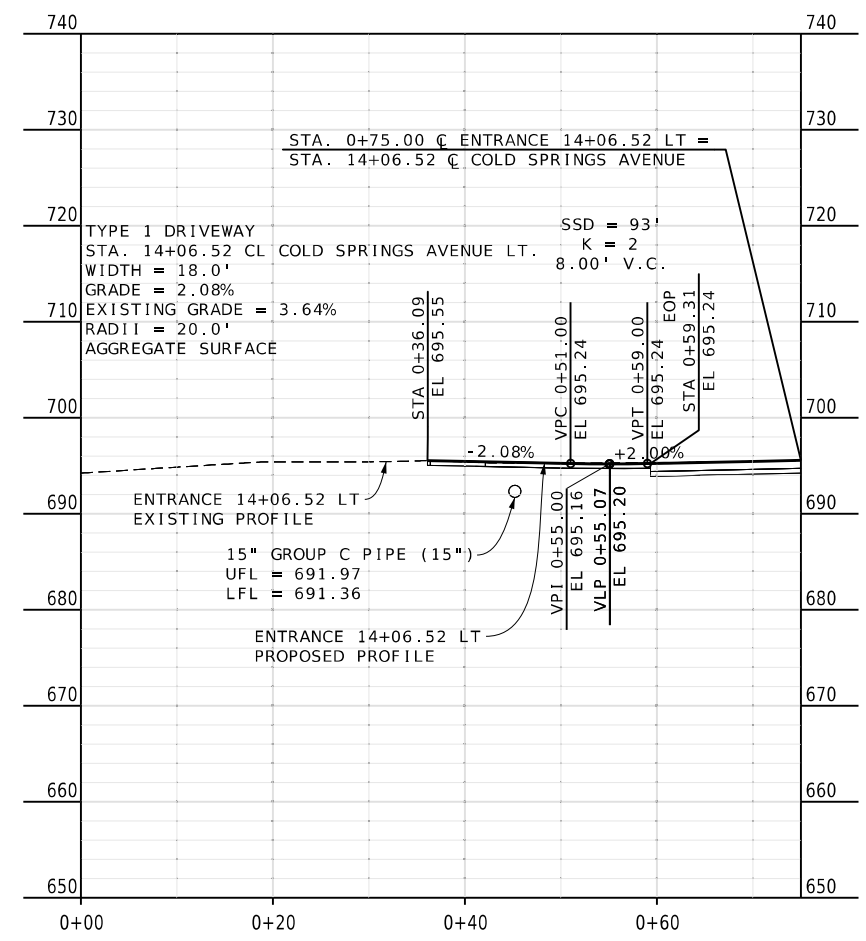
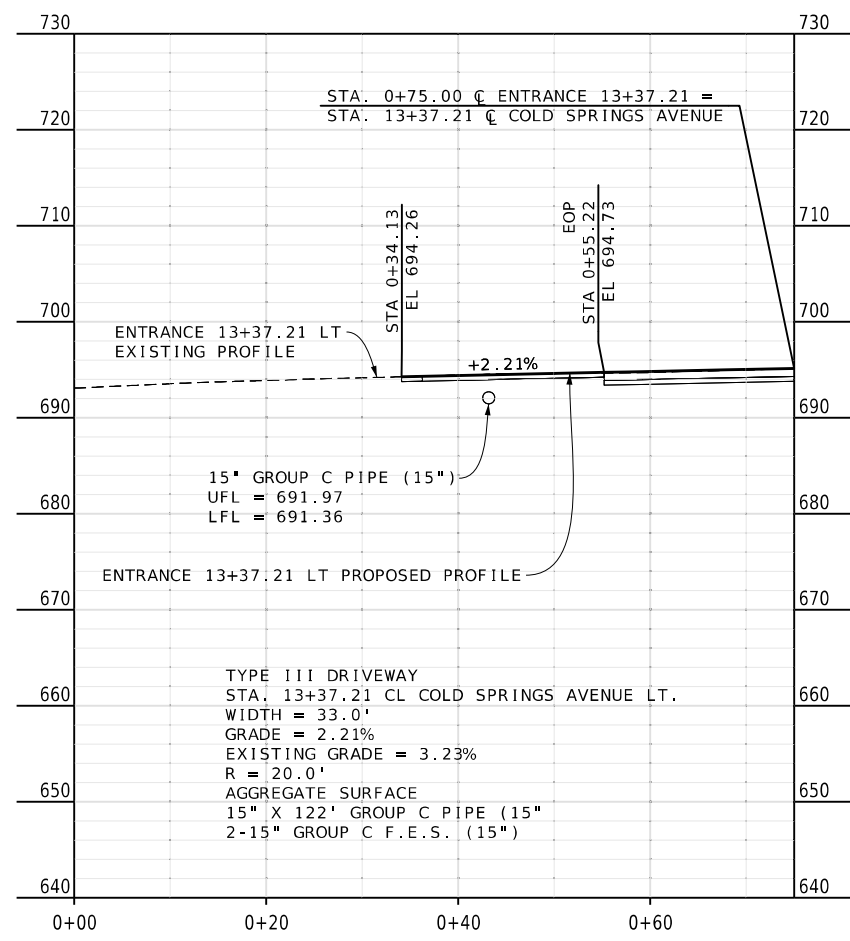
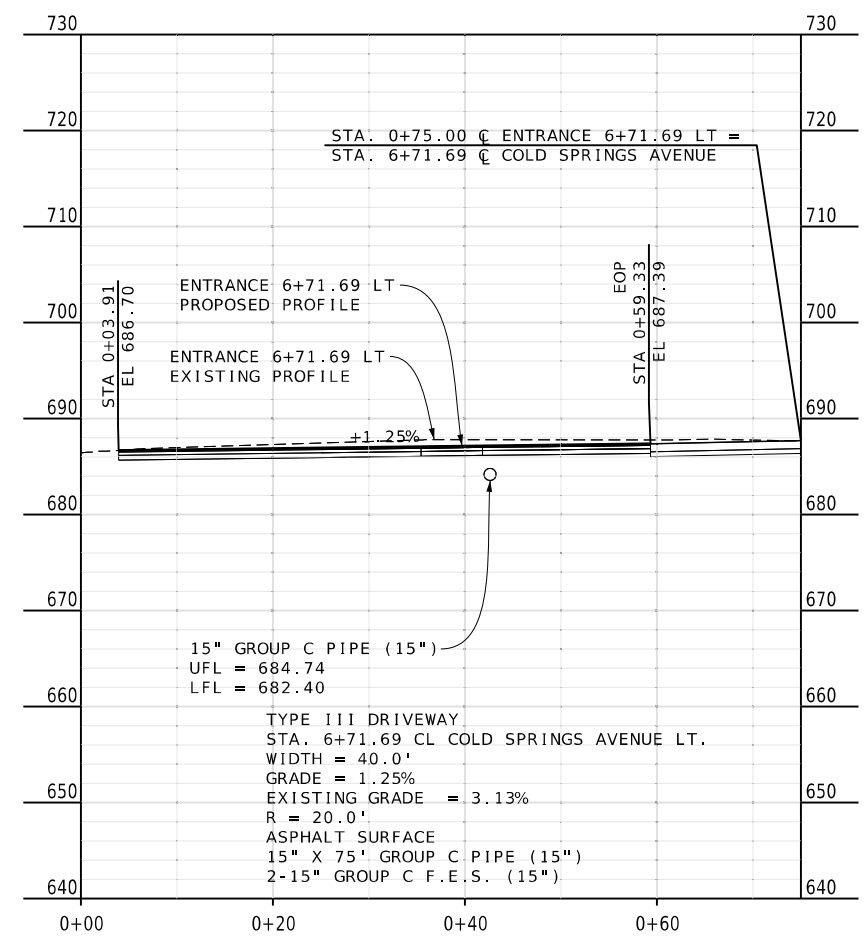
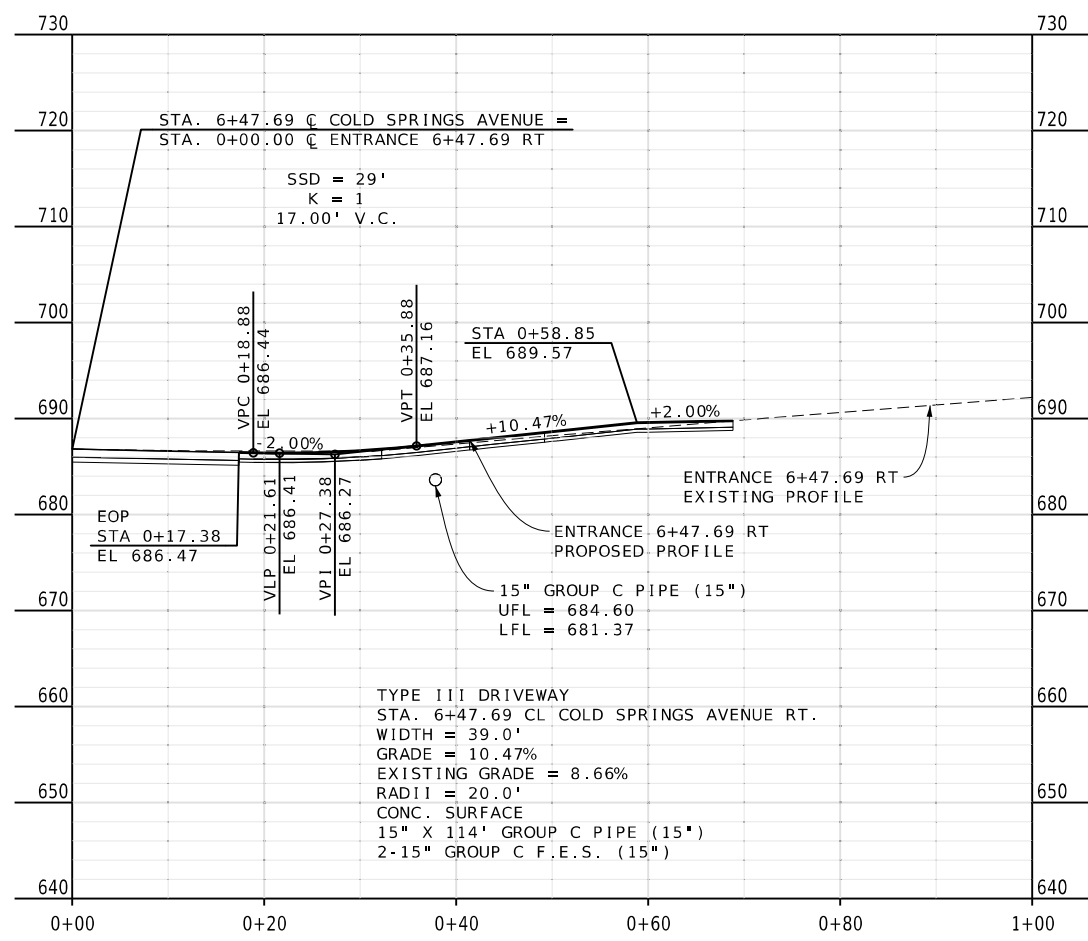
3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 19  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION

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



ENTRANCE PROFILES  
 SPECIAL SHEET  
 SHEET 6 OF 6



# SPACING AND TAPER LENGTHS FOR WORK ZONE SIGNS, CHANNELIZERS AND CONCRETE BARRIER

SIGN SPACING FOR ADVANCE SIGN SERIES (1)		
PERMANENT POSTED SPEED MPH	UNDIVIDED HIGHWAYS	DIVIDED HIGHWAYS
0-35	200'	200'
40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA - 1000' SB - 1500' SC - 2640'

TAPER LENGTHS AND END TREATMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (2)			END TREATMENT (3)
	10'	11'	12'	
<40	160'	168'	176'	BARRIER HEIGHT TRANSITION
>40	160'	168'	176'	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER	BUFFER LENGTH FT.	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	280'	35'	40'
40-45	450'	495'	540'	150'	400'	40'	80'
50-55	550'	605'	660'	185'	560'	50'	80'
60-70	700'	770'	840'	235'	840'	60'	120'

NOTE:  
SEE STANDARD PLAN 616.10 FOR TEMPORARY TRAFFIC CONTROL DEVICES.

GENERAL NOTES:

- AS WITH ALL CONSTRUCTION ACTIVITIES TRAFFIC SITUATIONS ARE SUBJECT TO CHANGE. THE CONTRACTOR SHALL BE AWARE THAT ALL TEMPORARY TRAFFIC CONTROL SHALL CONFORM TO THE STANDARDS OUTLINED IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) THE MISSOURI STANDARD PLANS FOR HIGHWAY CONSTRUCTION, SECTION 600 AND SHALL FOLLOW THE GUIDELINES IN THE MODOT 'TRAFFIC CONTROL FOR FIELD OPERATIONS MANUAL'.
- FOUR (4) PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE SUPPLIED A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF ANY TURNING RESTRICTIONS, LANE CLOSURES, OR DETOURS REQUIRED BY THE TEMPORARY TRAFFIC CONTROL.
- PLACE A 'ROAD WORK AHEAD' SIGN ON THE APPROACH TO ALL INTERSECTIONS WHERE THE ADVANCE SIGNING FOR THE TEMPORARY TRAFFIC CONTROL EXTENDS PAST THAT INTERSECTION.
- NOTIFY MODOT RESIDENT ENGINEER 48-HOURS IN ADVANCE OF ANY LANE CLOSURE OR ROADWAY CLOSURE.
- ALL EXISTING SIGNS SHALL BE USED IN PLACE. ADJUSTED AND/OR COVERED AS CONDITIONS REQUIRE.
- REFER TO MODOT STANDARD PLANS 619.10J. SHEETS 1-3 FOR "PAVEMENT EDGE TREATMENT" DETAILS. THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW THIS STANDARD DURING WORKING AND NON-WORKING HOURS.
- ALL STATIONING, DISTANCES, AND SPACING OF WORK ZONES DEVICES ARE APPROXIMATE AND MAY BE REVISED AS APPROVED BY ENGINEER.
- TYPE III MOVEABLE BARRICADES TO BE LOCATED AS APPROVED BY THE ENGINEER TO FIT FIELD CONDITIONS.
- FIRST ORDER OF WORK ON ALL PHASES SHALL BE PLACEMENT OF ALL WORK ZONE WARNING DEVICES AND SIGNS AS NOTED.
- SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED OR AS APPROVED BY THE ENGINEER.
- SIGNS LEFT IN PLACE OVERNIGHT MUST BE MOUNTED AT 5' MINIMUM.
- SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE IF NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
- TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
- NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS OR CONSTRUCTION SIGNS.
- DISTANCE MAY BE ADJUSTED (INCREASED, TYPICALLY) ACCORDING TO FIELD CONDITIONS.
- REFER TO MODOT STANDARD PLAN, 612.20 FOR SAND FILLED IMPACT ATTENUATORS AND 617.20 FOR TEMPORARY CONCRETE TRAFFIC BARRIER.
- FLAGGER OPERATIONS SHALL BE LIMITED TO NIGHTTIME HOURS OF 8:00PM TO 6:00AM.
- ALL EXISTING LANES AND TURNING MOVEMENTS SHALL BE MAINTAINED AT ALL TIMES FROM 6:00AM TO 8:00PM.

NOTES:

(1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OF SIGNED CONDITION MAY BE ADJUSTED BY INCREASING TO ACCOMMODATE FIELD CONDITIONS AND VISIBILITY.

(2) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10' SHOULDER.

(3) CONCRETE BARRIER MAY BE INSTALLED AT AND 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER.

Jeremy Stretz 2026.03.25  
17:53:31-05'00'

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026

ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 20
COUNTY BENTON	
JOB NO. JSR0110	
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)

**Olsson**

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

**GENERAL NOTES:**

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
2. TEMPORARY SIGNING SHOWN IS FOR WORK ON ONE SIDE OF THE ROAD. FOR WORK ON THE OTHER SIDE, REVERSE ORDER OF THE SIGNS AND CHANNELIZERS.
3. SIGNING SHOWN SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETE.
4. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.
5. REFER TO STANDARD DRAWING 616.10, 619.10, AND 620.10 FOR ADDITIONAL DETAILS AND 903.03 FOR SIGN AND SIGN MOUNTING REQUIREMENTS.
6. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, PROVIDED NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.
7. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.
8. NO DIRECT PAYMENT WILL BE MADE FOR THE RELOCATION OF CHANNELIZERS, CONSTRUCTION SIGNS, OR FLASHING ARROW PANEL.
9. ALL SIGNS SHALL BE PORTABLE MOUNT AND ARE TO BE MOVED AS WORK PROGRESSES, UNLESS OTHERWISE NOTED. ALL TRAFFIC CONTROL ITEMS SHALL BE REMOVED FROM THE ROADWAY DURING NON-WORKING HOURS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING PROPER TRAFFIC CONTROL SETUPS THROUGHOUT CONSTRUCTION AS DESCRIBED IN THESE PLANS OR AS APPROVED BY THE ENGINEER.
11. WHERE MINIMUM LANE WIDTHS CANNOT BE ACHIEVED ON THE SIDE STREETS, THE CONTRACTOR SHALL CLOSE HALF OF THE APPROACH AND POSITION A FLAGGER AT EACH END OF THE WORK AREA. LOCATION TO BE DETERMINED BY THE ENGINEER. ADVANCE FLAGGER SIGNING SHALL BE INSTALLED AS OUTLINED IN THE MUTCD.
12. THE CONTRACTOR SHALL MAINTAIN PUBLIC ACCESS TO ALL BUSINESSES AND STREETS. NO STREET OR ENTRANCE SHALL BE COMPLETELY BLOCKED.
13. SPACING & DISTANCES OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE. THE EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD & APPROVED BY THE ENGINEER.
14. TRAFFIC CONTROL SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
15. ADJUST ADVANCE WARNING SIGN SPACING TO AVOID SIGN PLACEMENT WITHIN THE LIMITS OF THE RAILROAD RIGHT OF WAY.

REvised: 7-1-2024

Jeremy Stretz 2026.03.25  
17:53:33-05'00"



JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026

ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 21

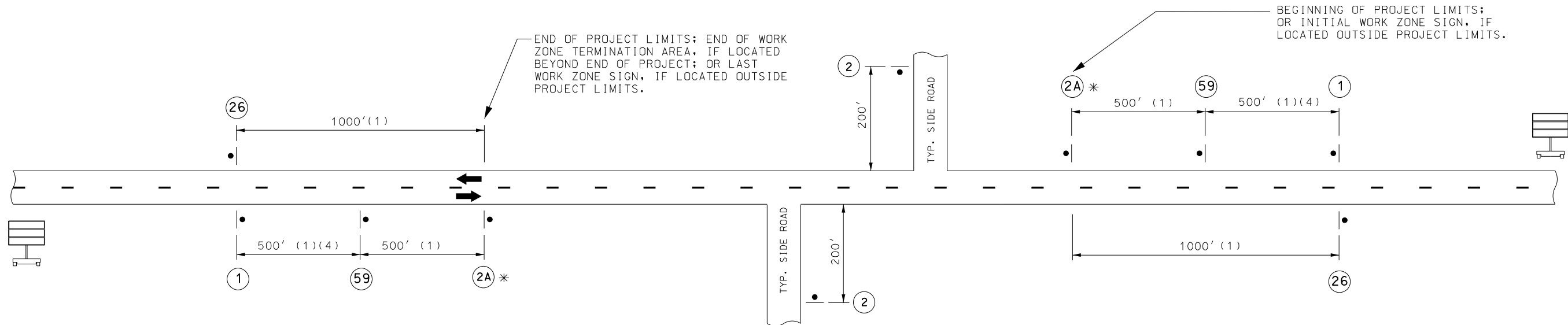
COUNTY  
BENTON

JOB NO.  
JSR0110

CONTRACT ID.

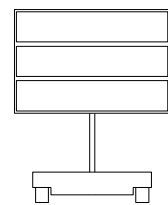
PROJECT NO.

BRIDGE NO.



**TYPICAL BEGINNING AND END OF PROJECT  
(UNDIVIDED HIGHWAY)**

- (1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.
- (2) SIGN CONST-7-72 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN OR WORK ZONE NO PHONE ZONE SIGN, IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.
- (3) CONST-5-96 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72.
- (4) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.
- (5) CMS PLACEMENT SHALL BE APPROVED BY THE ENGINEER.



CMS (5)



CONST-8-48 (4)

59

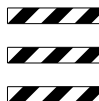


G020-1

1

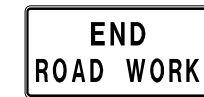


W020-1



2A\*

\* SIGN (2A) WITH AWRS MUST BE GROUND OR SKID MOUNTED.



G020-2

26



W020-1

2

NOT TO SCALE

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

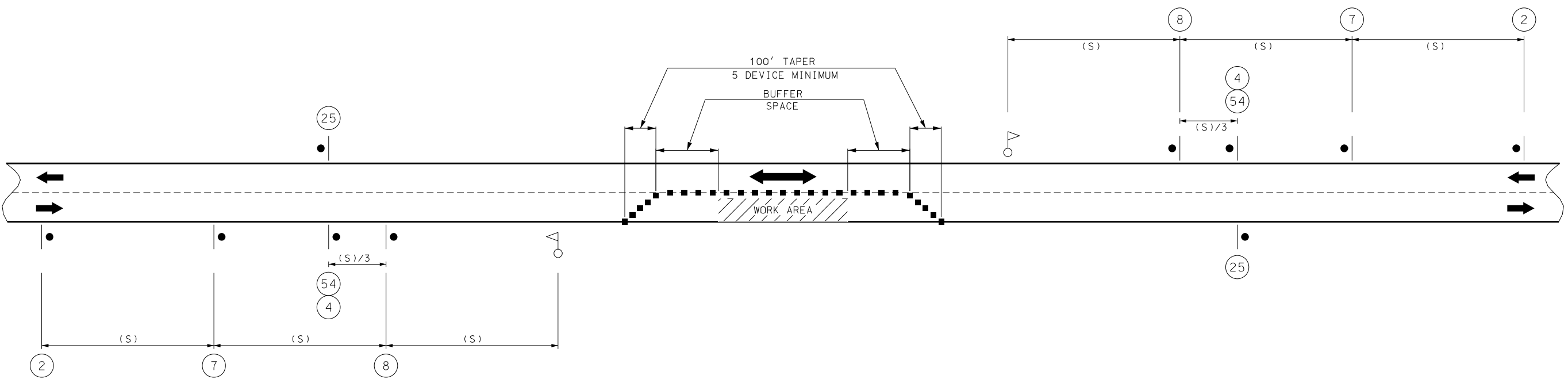
**Olsson**

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

TRAFFIC CONTROL SHEET 2 OF 9



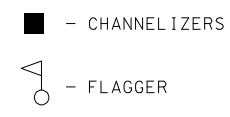
REVISED: 1-25-2023



SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)	OPTIONAL
PERMANENT POSTED (MPH)	UNDIVIDED HIGHWAYS (S)	BUFFER/WORK AREAS	BUFFER SPACE LENGTH (FT)
0-35	200	40	280
40-45	350	80	400
50-55	500	80	560
60-70	1000	120	840

SPACING NOTES:  
 (1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.  
 SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS, AS APPROVED BY ENGINEER.

NOTES:  
 CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.  
 FLAG ASSEMBLIES FOR SIGN W020-7a ARE SUBSIDIARY TO THE SIGN.  
 WHEN TEMPORARY RUMBLE STRIPS ARE USED, REFER TO EPG FIGURE 616.6.87.1 FOR DISTANCES AND SPACING.  
 \*\* ROUTE 7 AT COLD SPRINGS AVE NORMAL SPEED = 55 MPH  
 \*\*\* ROUTE 7 AT COLD SPRINGS AVE WORK ZONE SPEED = 45 MPH



IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).

### LANE CLOSURE USING FLAGGERS (UNDIVIDED HIGHWAY)

NOT TO SCALE

Jeremy Stretz 2026.03.25  
17:53:35-05'00'

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3 / 25 / 2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 22
COUNTY BENTON	
JOB NO. JSR0110	
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)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

**SIDE ROADS ENTERING WORK ZONES**

SPEED PERMANENT POSTED (MPH)	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.

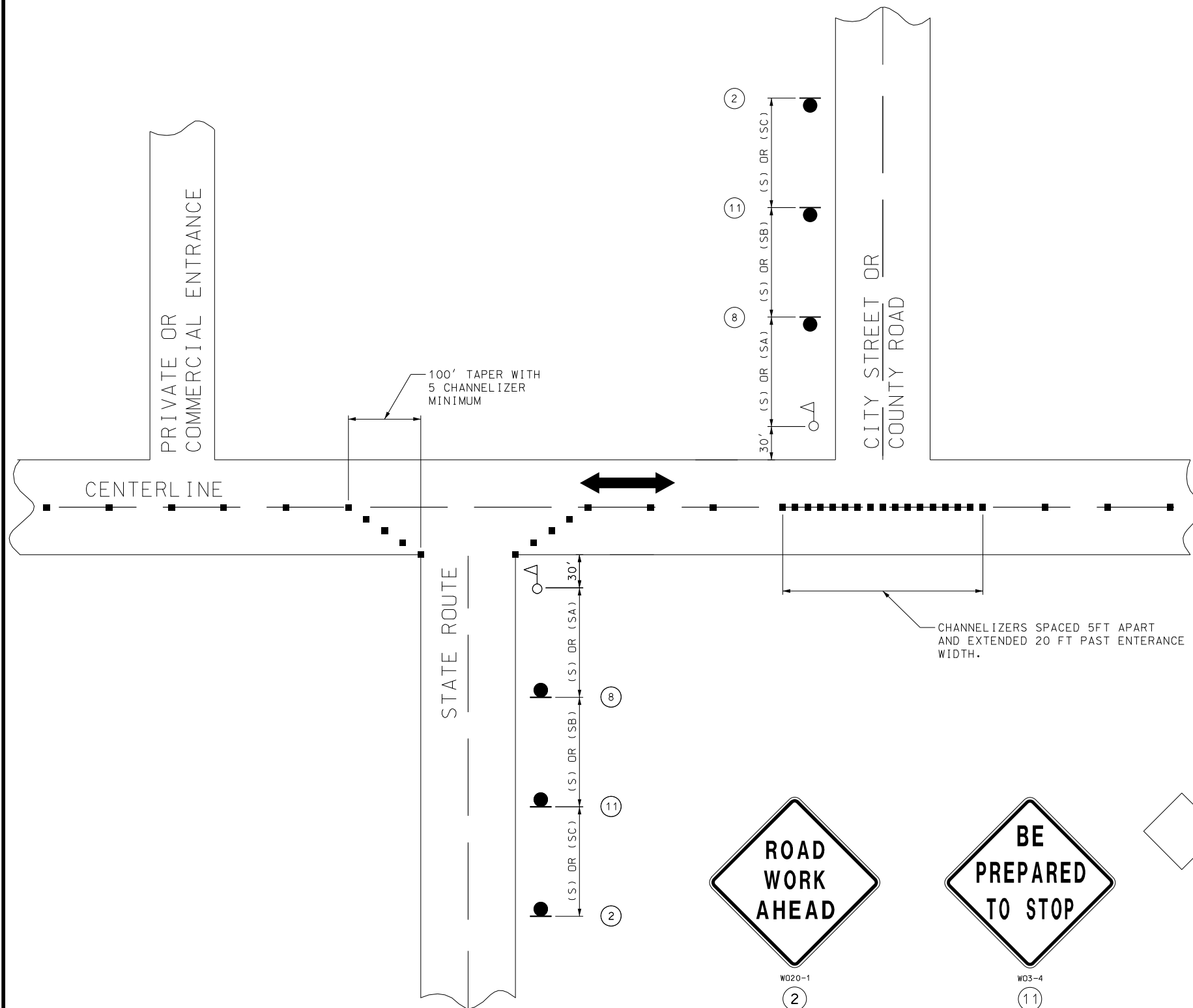
NOTES:  
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

ADDITIONAL WARNING SIGNS SHALL BE ERECTED AT OTHER INTERSECTIONS WITHIN THE WORK ZONE, AS DIRECTED BY THE ENGINEER.

■ - CHANNELIZERS

○ - FLAGGER

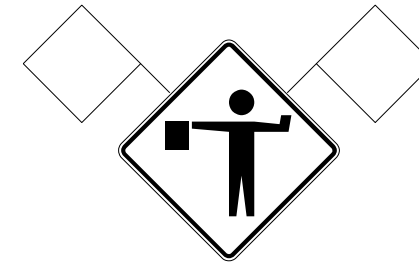
IF USED AT NIGHT, THE FLAGGER STATIONS SHALL BE ILLUMINATED WITH AN AVERAGE MAINTAINED INTENSITY OF 0.6 FOOTCANDLES (6.5 LUX).



W020-1  
2



W03-4  
11



W020-7a  
8

NOT TO SCALE

Jeremy Stretz 2026.03.25  
17:53:37-05'00"

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026

ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 23

COUNTY  
BENTON

JOB NO.  
JSR0110

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)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592



JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026

ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 24

COUNTY  
BENTON  
JOB NO.  
JSR0110  
CONTRACT ID.

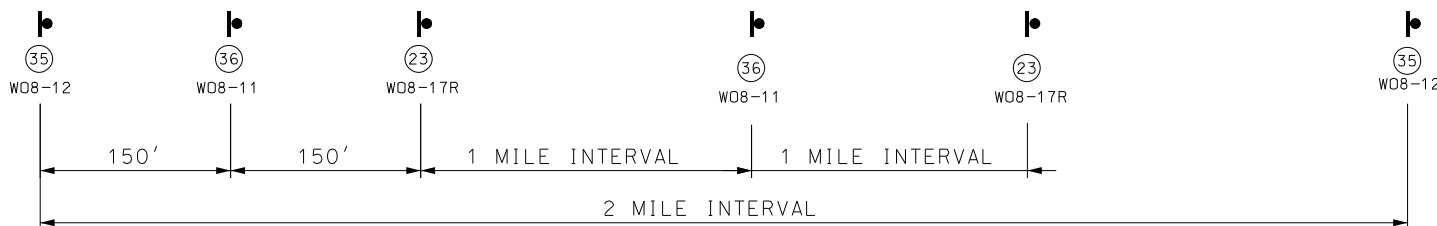
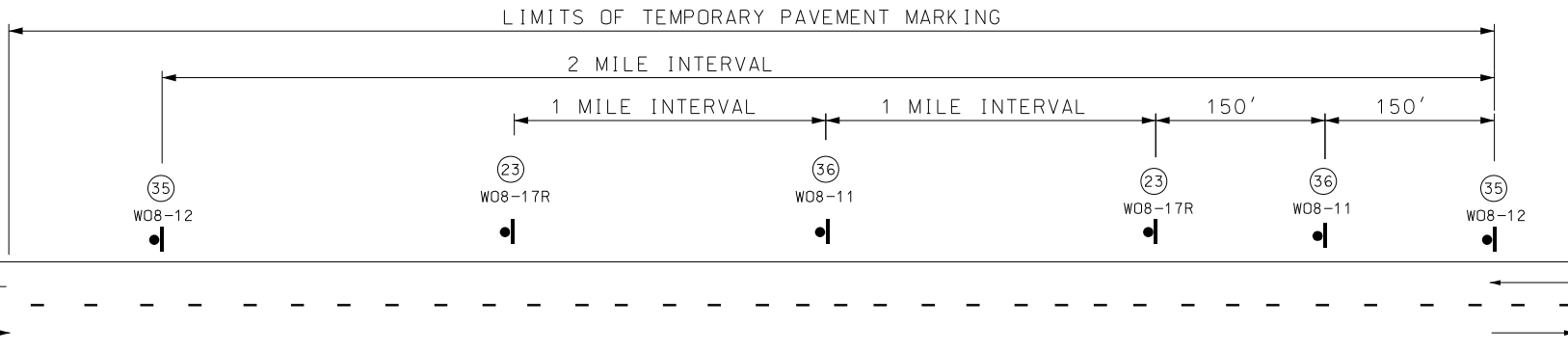
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

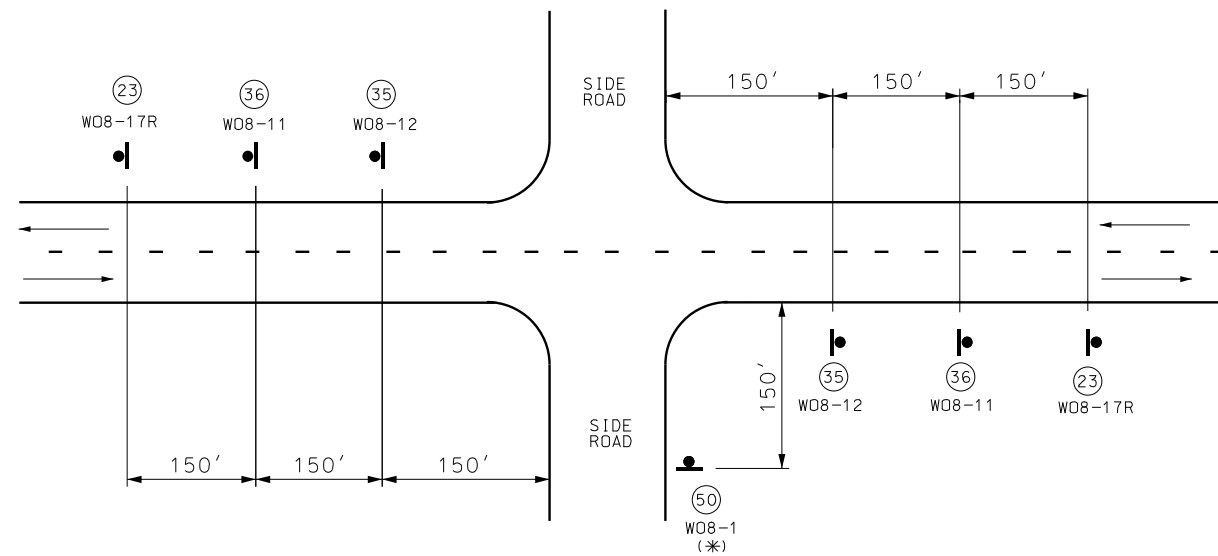
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592



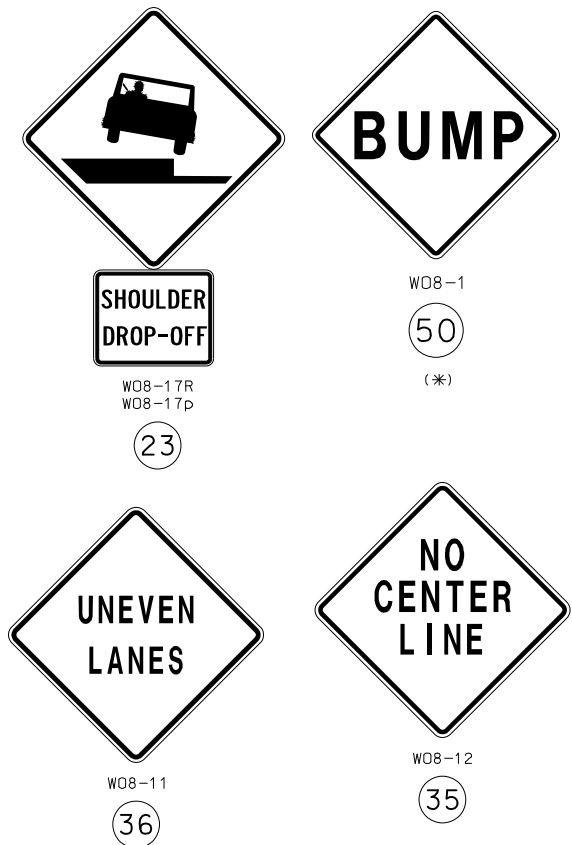
### SIGN SPACING FOR MAINLINE

(DETAIL SHOWN IS BASED ON A PROJECT MEETING ALL CONDITIONS: NO CENTER STRIPE, UNEVEN LANES, SHOULDER DROP-OFF AND BUMP.)  
WHEN BOTH UNEVEN LANES AND SHOULDER DROP-OFF SIGNS ARE USED, BOTH SIGNS SHALL STAY IN PLACE UNTIL BOTH CONDITIONS NO LONGER EXIST.  
IF ONLY ONE CONDITION EXISTS (UNEVEN LANES OR SHOULDER DROP-OFF), THE SIGN SPACING SHALL BE AT 1 MILE INTERVALS.



### SIGN SPACING AT SIDE ROAD INTERSECTIONS

(\*) BUMP SIGN SHOULD BE IN ACCORDANCE WITH STANDARD PLAN 619.10.  
UNLESS REQUIRED BY STANDARD PLAN 619.10, BUMP SIGN AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.



#### GENERAL NOTES:

FOR DETAILS OF TEMPORARY PAVEMENT MARKING, SEE SHEET 1 OF 5.

SIGN (35) AND TEMPORARY PAVEMENT MARKING INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN (35) IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN (35), THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

WHEN SHOULDER DROP-OFF SIGNS ARE IN PLACE FOR GREATER THAN THREE DAYS, THE SHOULDER DROP-OFF PLAQUE SHOULD BE USED IN ADDITION WITH THE SHOULDER DROP-OFF SIGN.

FOR BRIDGE EXCEPTIONS AND COLDMILLED AREAS, LOCATION OF SIGN (50) TO BE APPROVED BY THE ENGINEER. UNLESS REQUIRED BY STANDARD PLAN 619.10, SIGN (50) AT CONTRACTOR'S EXPENSE, NO DIRECT PAY. SEE STANDARD SPECIFICATION 622.2.4.

NOT TO SCALE

# SHOULDER WORK WITH MINOR TRAVELWAY ENCROACHMENT OR NO ENCROACHMENT

REVISED: 9-12-2022

Jeremy Stretz 2026.03.25  
17:53:45-05'00"



JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026

ROUTE 7 STATE MO

DISTRICT SW SHEET NO. 25

COUNTY BENTON

JOB NO. JSR0110

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

SPEED LIMIT <sup>1</sup> , MPH	TAPER LENGTH <sup>2</sup> , FT		CHANNELIZING SPACING <sup>3</sup> , FT		BUFFER LENGTH, FT
	SHOULDER <sup>4</sup> (T1)	LANE <sup>5</sup> (T2)	TAPERS	BUFFER/ WORK AREA	
0-35	70	245	35 <sup>6</sup>	40 <sup>6</sup>	280
40-45	150	540	40 <sup>6</sup>	80 <sup>6</sup>	400
50-55	185	660	50 <sup>7</sup>	80 <sup>7</sup>	560
60-70	235	840	60 <sup>7</sup>	120 <sup>7</sup>	840

<sup>1</sup>POSTED SPEED LIMIT.

<sup>2</sup>TAPER LENGTHS MAY BE ADJUSTED.

<sup>3</sup>SPACING MAY BE ADJUSTED FOR FIELD CONDITIONS.

<sup>4</sup>BASED ON 10FT SHOULDER WIDTH

<sup>5</sup>BASED ON 12FT LANE WIDTH

<sup>6</sup>SPACING REDUCED TO 1/2 AT INTERSECTIONS.

<sup>7</sup>SPACING MAY BE REDUCED TO 1/2 AT INTERSECTIONS.

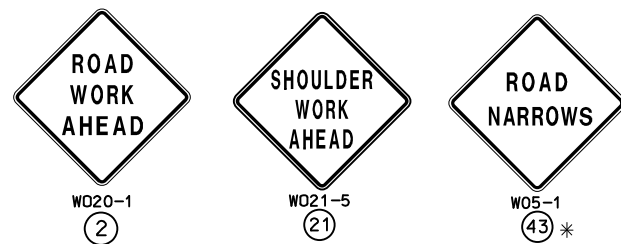
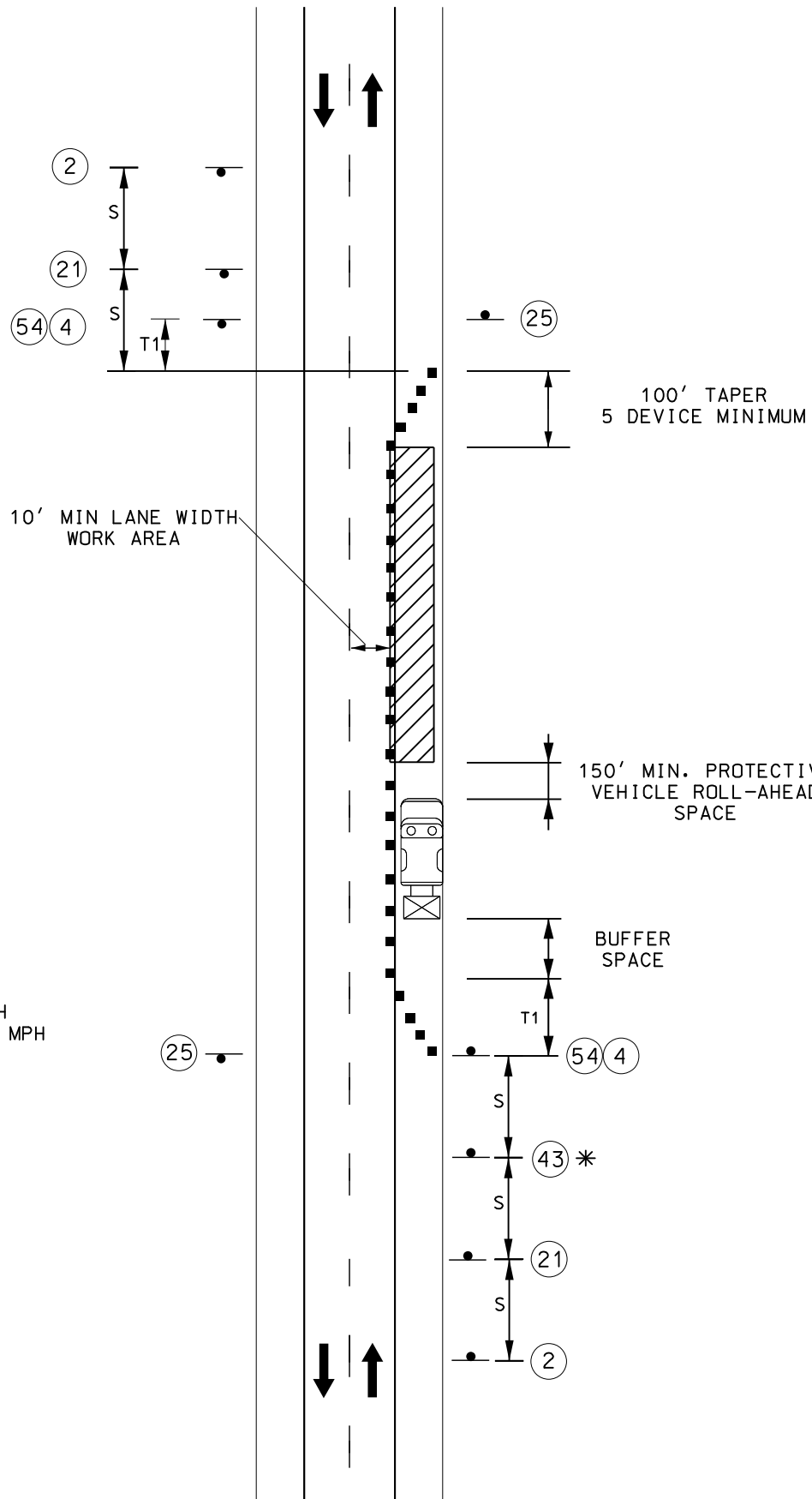
### ADVANCE WARNING SIGN MINIMUM SPACING

SPEED LIMIT <sup>1</sup> , MPH	SIGN SPACING <sup>2</sup> , FT (S)
	UNDIVIDED HIGHWAY
0-35	200 <sup>3</sup>
40-45	350
50-55	500
60-70	1000

<sup>1</sup>POSTED SPEED LIMIT.

<sup>2</sup>SPACING MAY BE ADJUSTED FOR FIELD CONDITIONS.

<sup>3</sup>FOR URBAN LOW SPEED, MINIMUM RECOMMENDED SPACING IS 100 FT.



### TRAFFIC CONTROL LEGEND

• SIGN ( SINGLE SIDED )

■ CHANNELIZER ( TRIM-LINE )

OPTIONAL - ATTENUATOR TRUCK WITH FLASHING ARROW PANEL IN CAUTION MODE W/ 150' ROLL AHEAD SPACE

WORK ZONE

### NOTES:

\* OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT

\*\* ROUTE 7 AT COLD SPRINGS AVE NORMAL SPEED = 55 MPH

\*\*\* ROUTE 7 AT COLD SPRINGS AVE WORK ZONE SPEED = 45 MPH

NOT TO SCALE

TRAFFIC CONTROL SHEET 6 OF 9

**olsson**  
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

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

ADVANCE WARNING SIGN MINIMUM SPACING

SPEED LIMIT <sup>1</sup> , MPH	SIGN SPACING <sup>2</sup> , FT (S)
	UNDIVIDED HIGHWAY
0-35	200 <sup>3</sup>
40-45	350
50-55	500
60-70	1000

<sup>1</sup>POSTED SPEED LIMIT.

<sup>2</sup>SPACING MAY BE ADJUSTED FOR FIELD CONDITIONS.

<sup>3</sup>FOR URBAN LOW SPEED, MINIMUM RECOMMENDED SPACING IS 100 FT.

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

 WORK ZONE

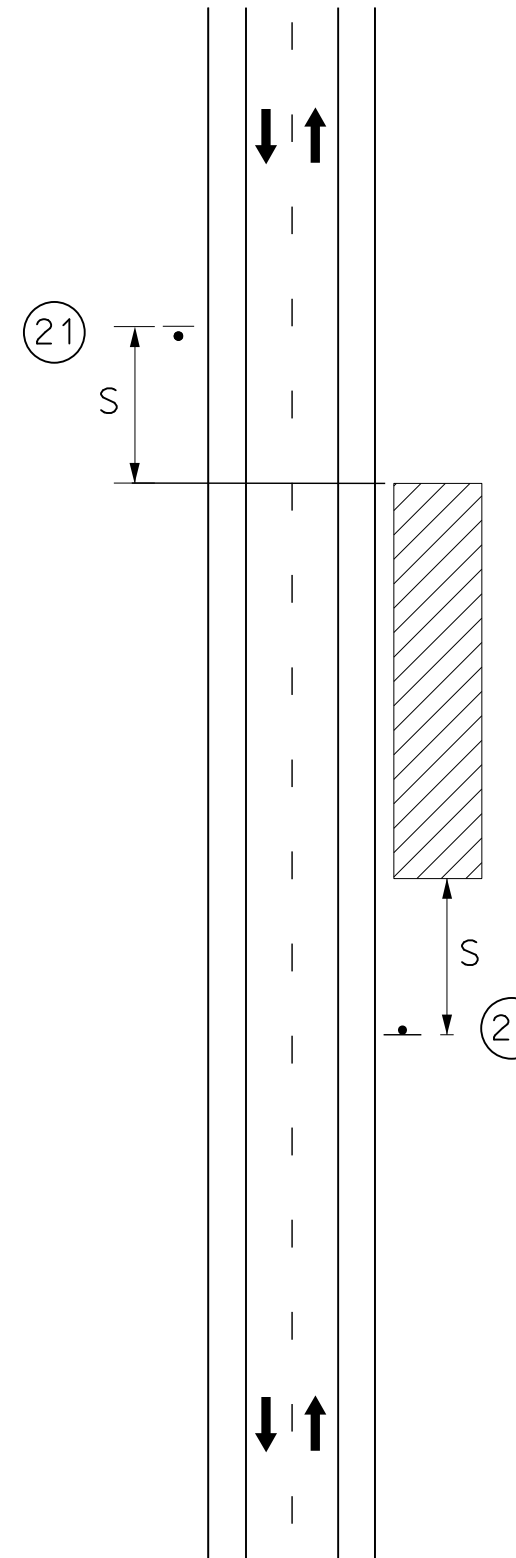


W021-5

(21)

WORK BEYOND THE SHOULDER  
(UNDIVIDED HIGHWAY)

REVISED: 9-7-2022



NOT TO SCALE

TRAFFIC CONTROL  
SHEET 7 OF 9

Jeremy Stretz 2026.03.25  
17:53:47-05'00"

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 26
COUNTY BENTON	
JOB NO. JSR0110	
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)

**olsson**

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 27
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

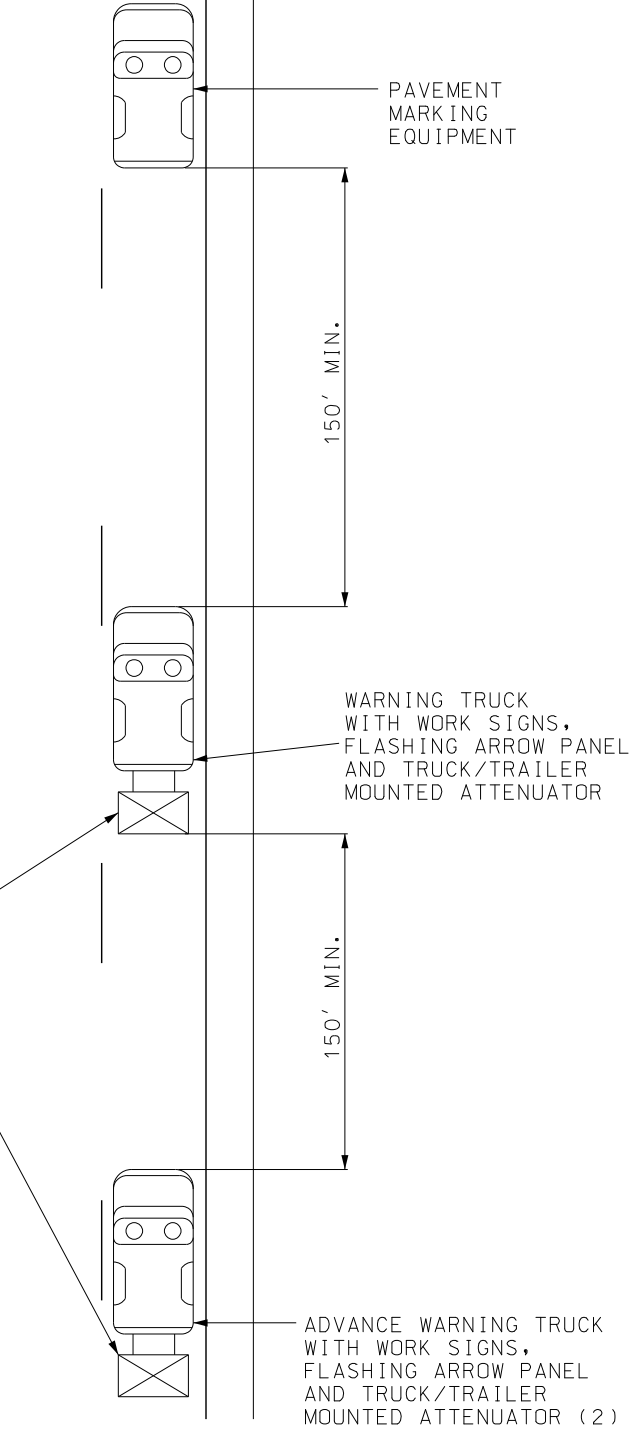
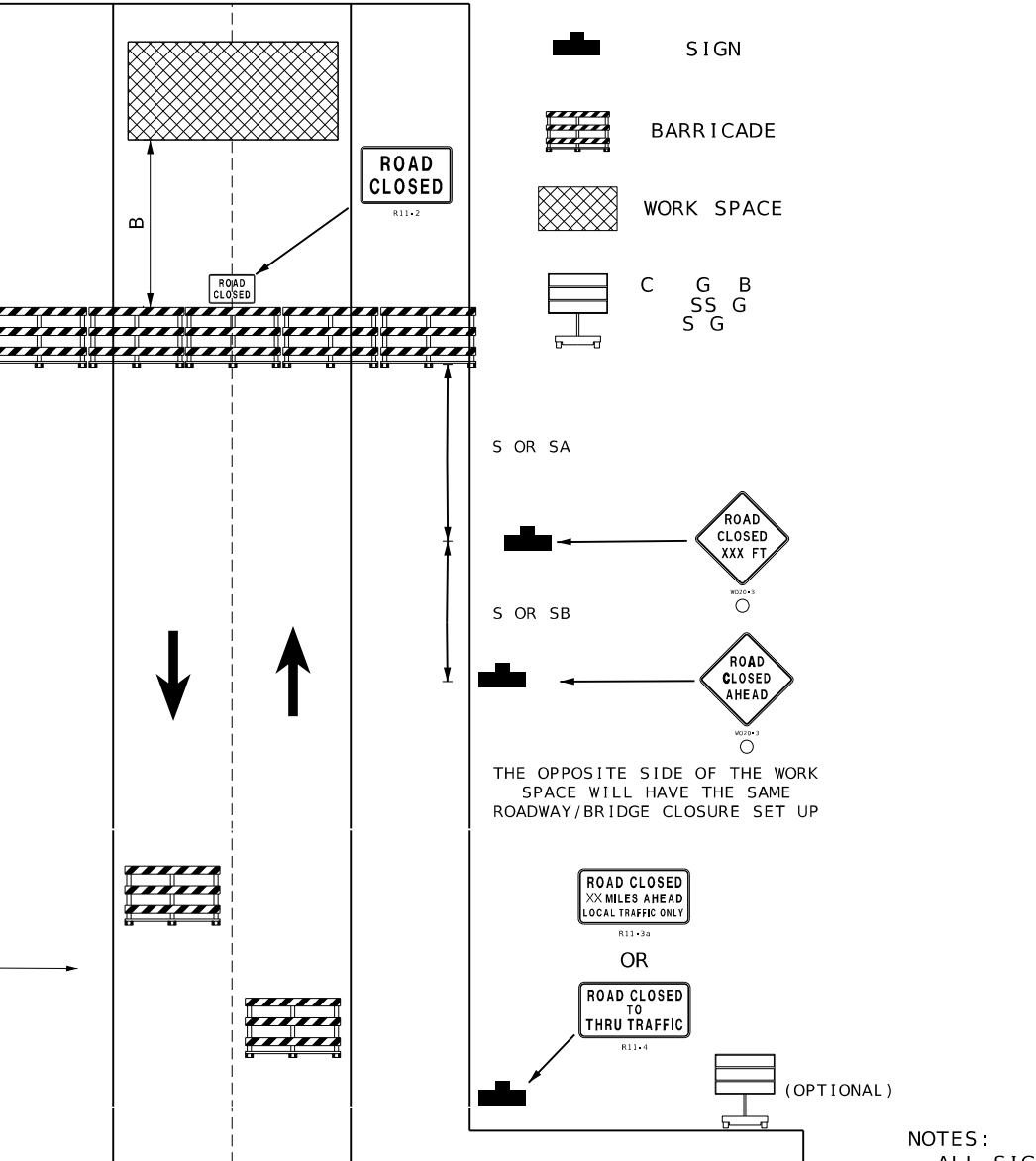
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

ROAD CLOSURE							
SPEED	SIGN SPACING (FT.)		TAPER LENGTH (FT.)		RECOMMENDED BUFFER LENGTH (FT.) (B)	CHANNELIZER SPACING (FT.)	
	UNDIVIDED (S)	DIVIDED (S)	SHOULDER (T1)	LANE (T2)		TAPERS	BUFFER/WORK AREAS
0-35	200	200	-	-	250	-	-
40-45	350	500	-	-	360	-	-
50-55	500	1000	-	-	495	-	-
60-70	1000	SA-1000 SB-1500 SC-2640	-	-	730	-	-

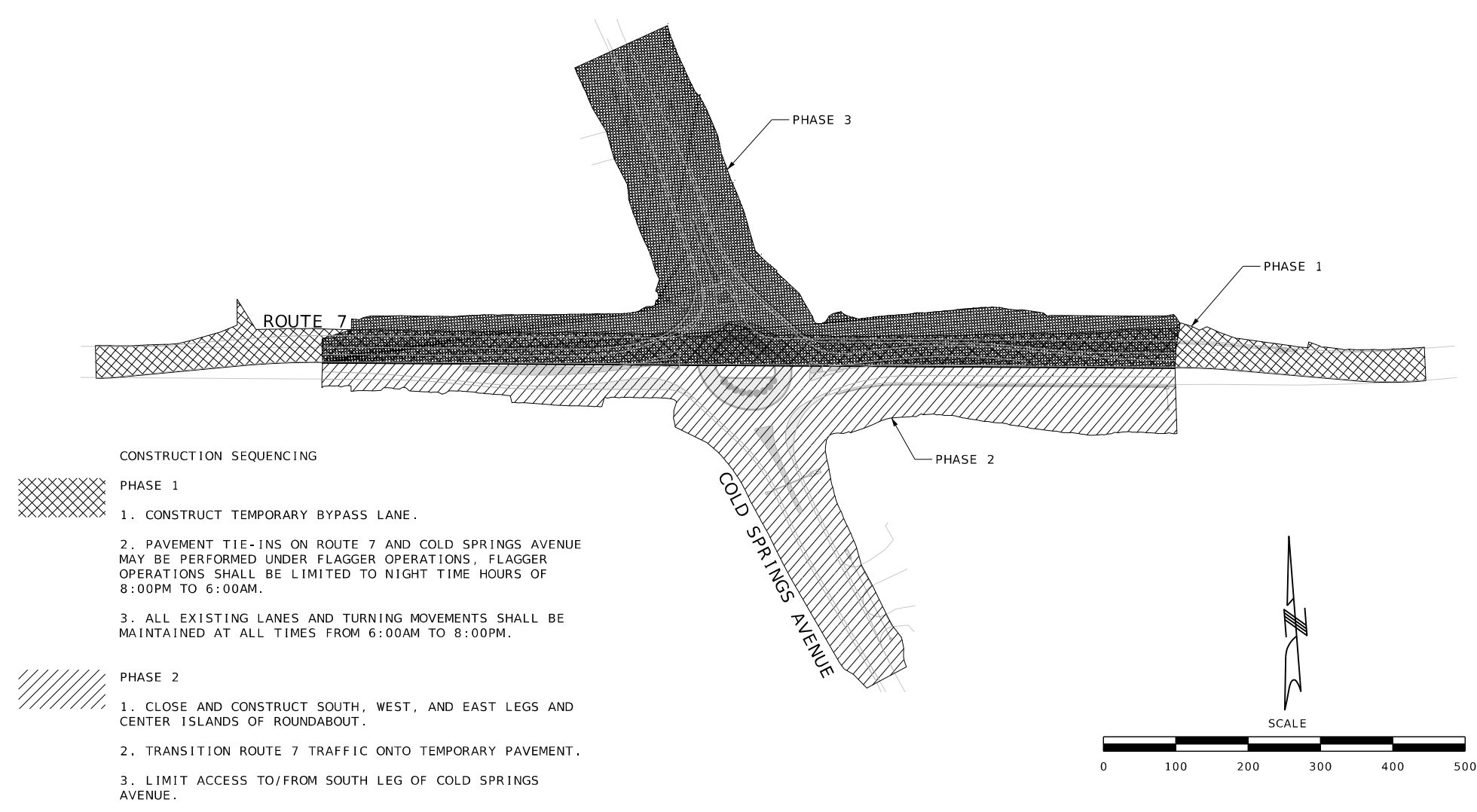
TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)
URBAN	1' PORTABLE 7' POST
RURAL DIVIDED	1' PORTABLE 7' POST
RURAL UNDIVIDED	1' PORTABLE 5' POST

DATE:  
TYPE OF WORK:  
LOCATION:  
WORK ZONE SPECIALIST:  
FIELD NOTES:



- NOTES:  
ALL SIGNS HAVE FLUORESCENT ORANGE RETROREFLECTIVE.
- (1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.
  - (2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN, WHICHEVER IS GREATER.

**CENTERLINE/EDGELINE STRIPING ON TWO-LANE HIGHWAYS**



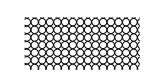
**CONSTRUCTION SEQUENCING**



- PHASE 1**
1. CONSTRUCT TEMPORARY BYPASS LANE.
  2. PAVEMENT TIE-INS ON ROUTE 7 AND COLD SPRINGS AVENUE MAY BE PERFORMED UNDER FLAGGER OPERATIONS, FLAGGER OPERATIONS SHALL BE LIMITED TO NIGHT TIME HOURS OF 8:00PM TO 6:00AM.
  3. ALL EXISTING LANES AND TURNING MOVEMENTS SHALL BE MAINTAINED AT ALL TIMES FROM 6:00AM TO 8:00PM.

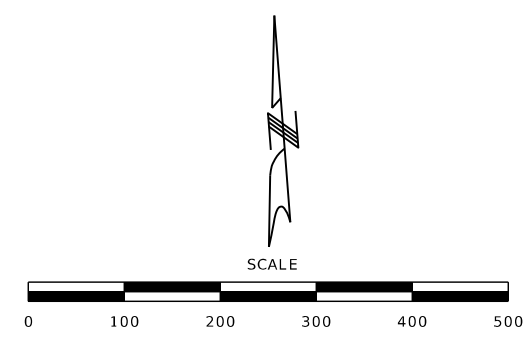


- PHASE 2**
1. CLOSE AND CONSTRUCT SOUTH, WEST, AND EAST LEGS AND CENTER ISLANDS OF ROUNDABOUT.
  2. TRANSITION ROUTE 7 TRAFFIC ONTO TEMPORARY PAVEMENT.
  3. LIMIT ACCESS TO/FROM SOUTH LEG OF COLD SPRINGS AVENUE.



- PHASE 3**
1. CLOSE AND CONSTRUCT NORTH LEG OF ROUNDABOUT.
  2. REMOVE ANY REMAINING ROUTE 7 TEMPORARY PAVEMENT CONNECTIONS AT NIGHT (8:00 PM - 6:00 AM) WITH FLAGGER OPERATIONS.
  3. PERMANENT ROUNDABOUT REGULATORY AND WARNING SIGNAGE SHALL BE PROVIDED AND MAINTAINED DURING CONSTRUCTION. CONTRACTOR MAY ELECT TO PROVIDE TEMPORARY REGULATORY/WARNING SIGNAGE, IN LIEU OF PERMANENT SIGNAGE, AT NO DIRECT PAYMENT.

**NOTE:**  
CONTRACTOR SHALL PROVIDE ACCESS TO DAM ACCESS ROAD IN THE EVENT THE DAM IS CLOSED DUE TO DAM MAINTENANCE.



Jeremy Stretz 2026.03.25  
17:53:52-05'00'

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3 / 25 / 2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 28
COUNTY BENTON	
JOB NO. JSR0110	
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)

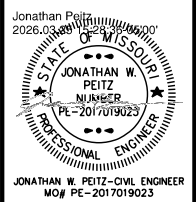
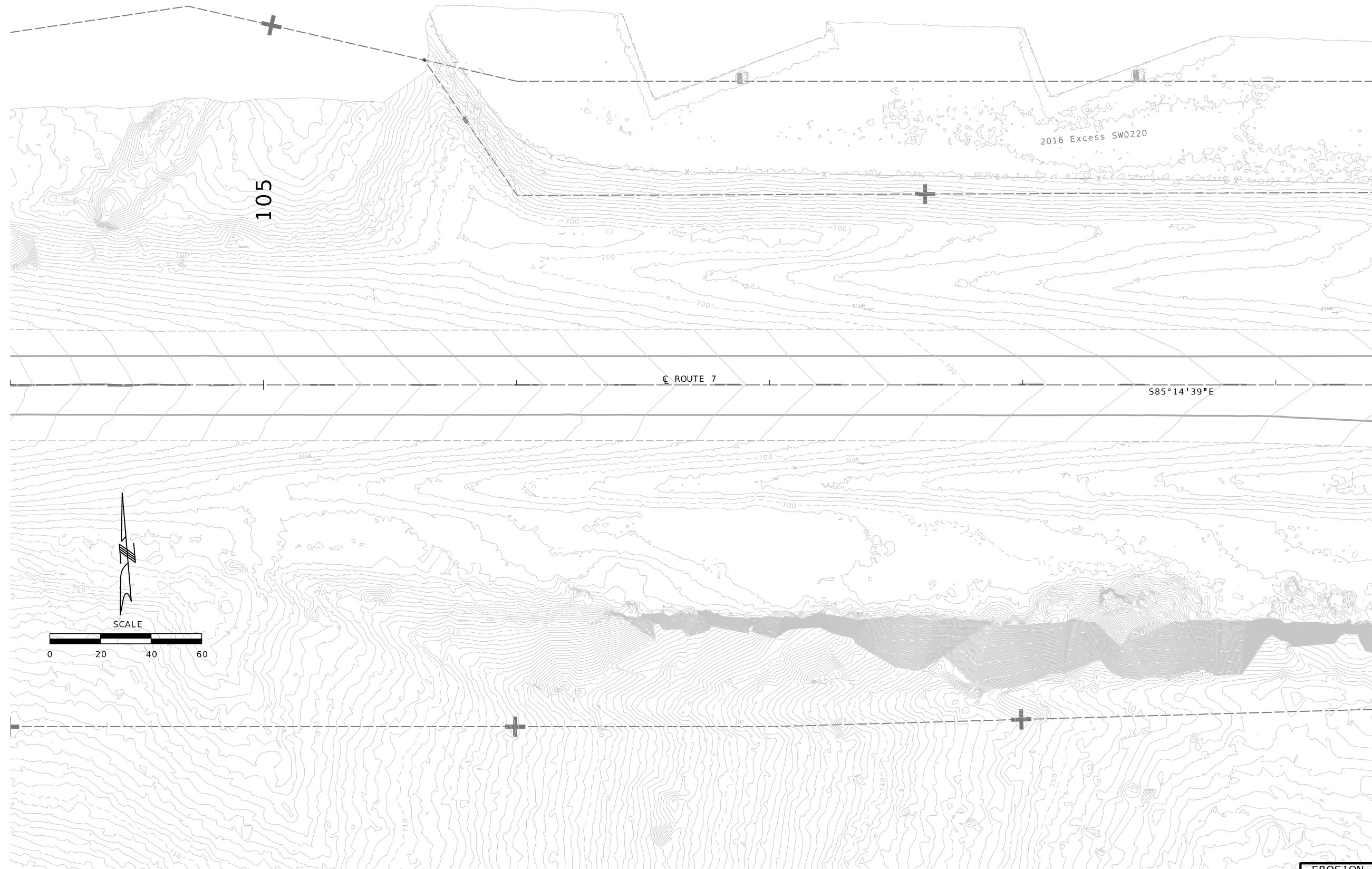
**olsson**

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550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

TRAFFIC CONTROL  
SHEET 9 OF 9

TEMPORARY EROSION CONTROL LEGEND

(S) SEDIMENT TRAP



3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 29  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION

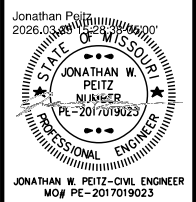
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

**olsson**  
 PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592

EROSION CONTROL  
 INITIAL PHASE  
 SHEET 1 OF 18

TEMPORARY EROSION CONTROL LEGEND

(S) SEDIMENT TRAP



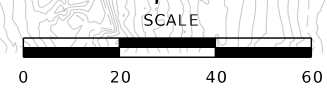
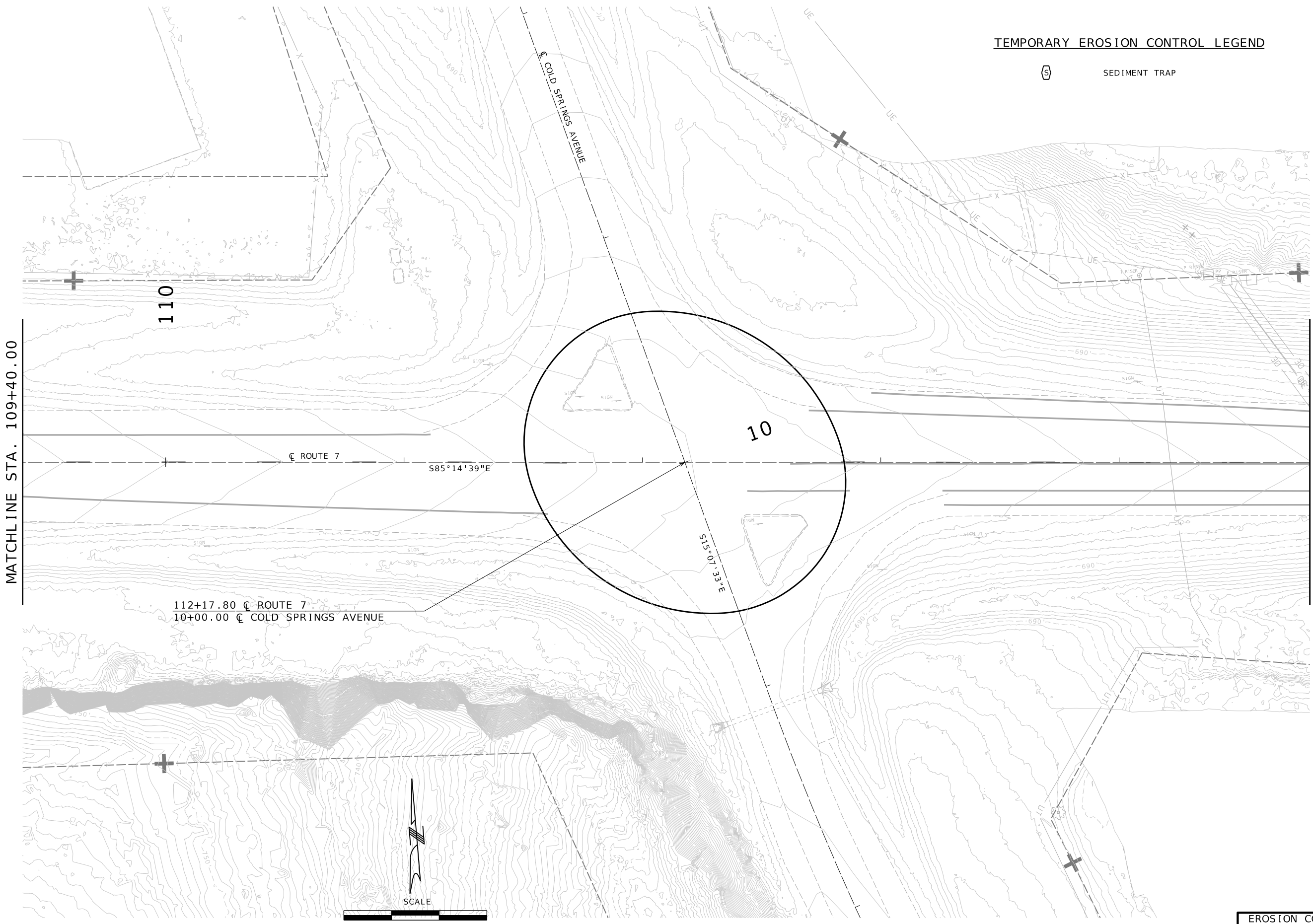
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ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 30
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

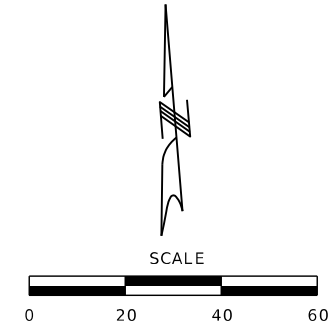
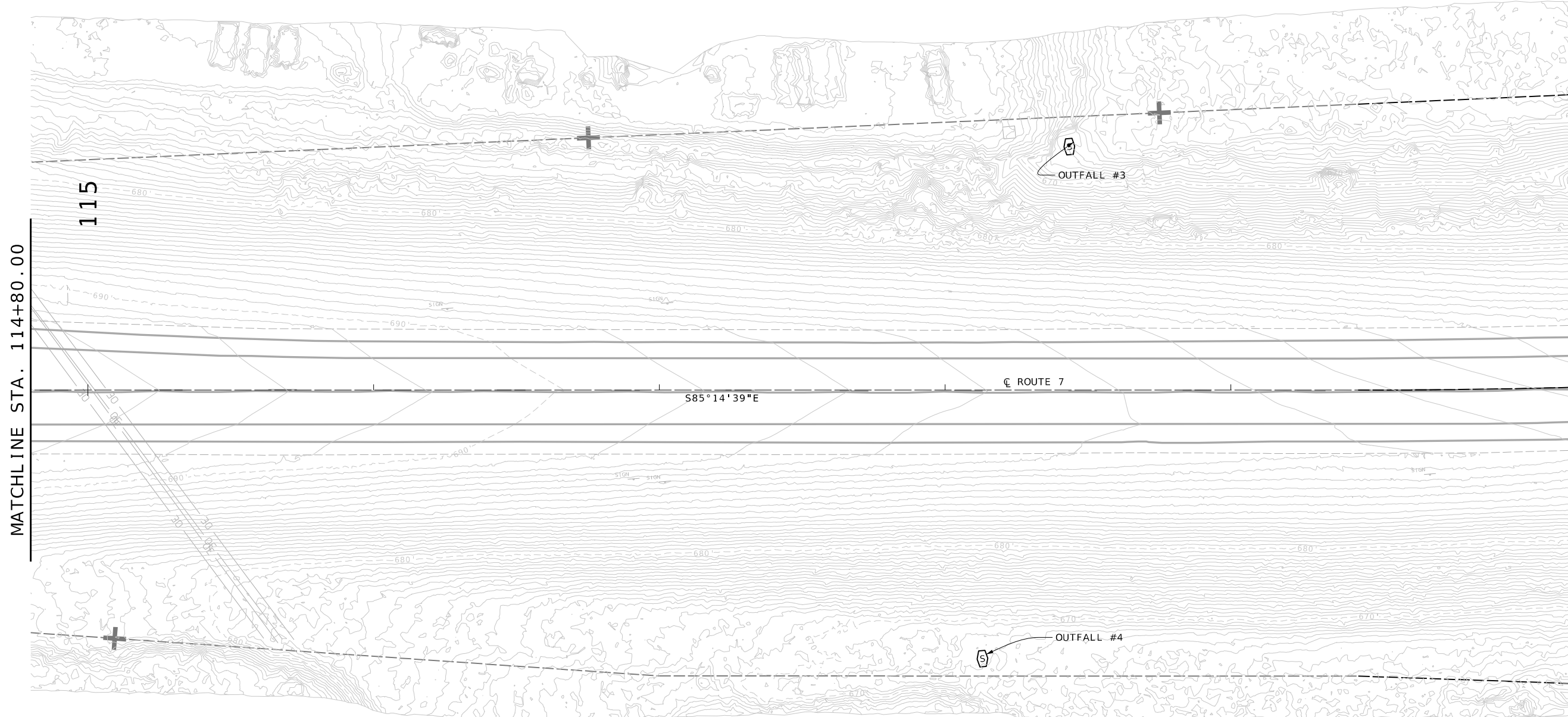
**olsson**  
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 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592

EROSION CONTROL  
 INITIAL PHASE  
 SHEET 2 OF 18



TEMPORARY EROSION CONTROL LEGEND

(S) SEDIMENT TRAP



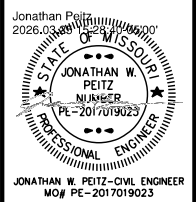
3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 31  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION

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

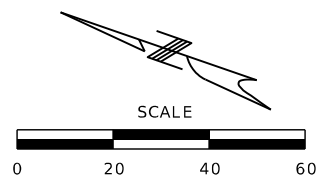
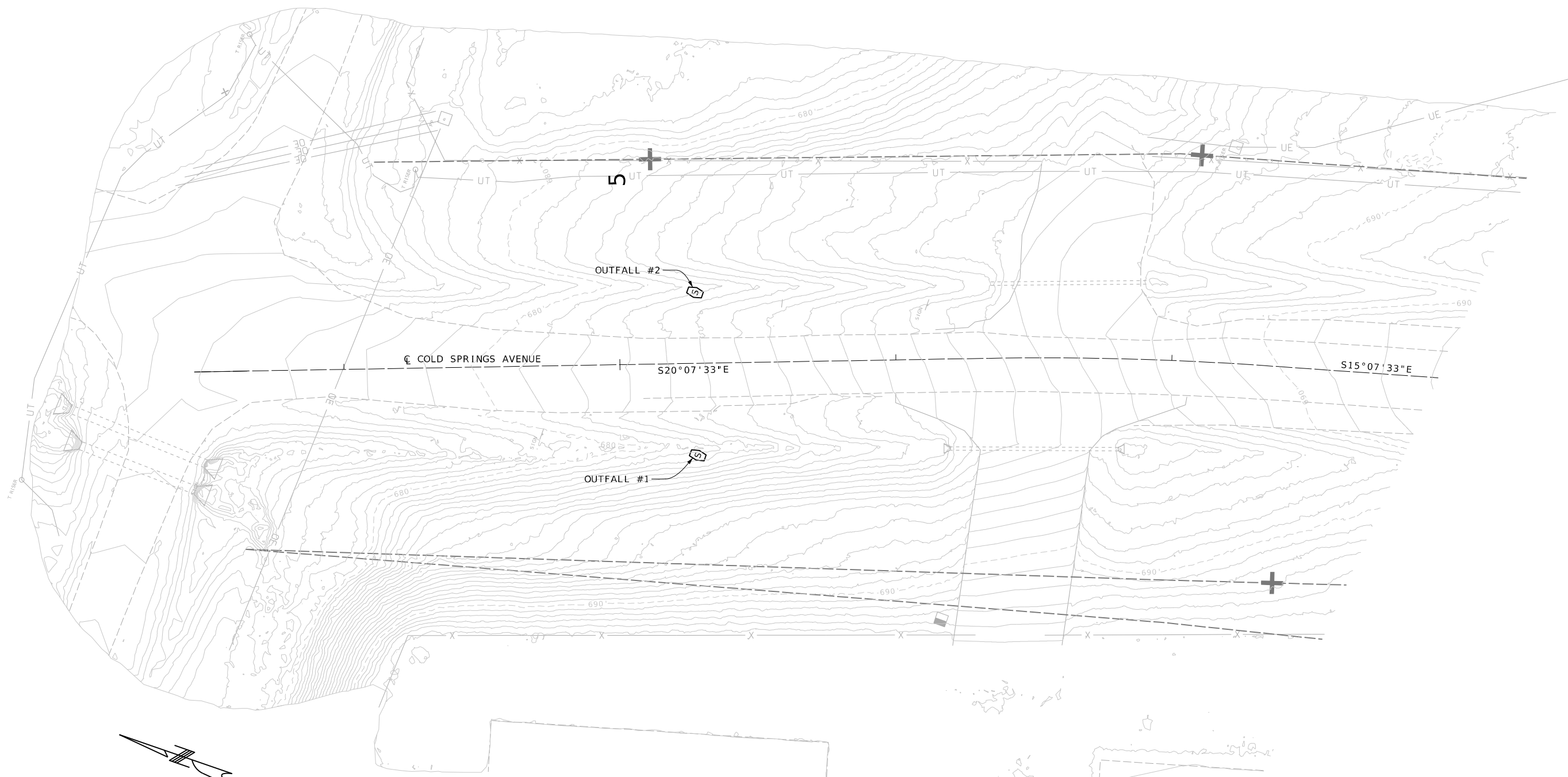
**olsson**  
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 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592

EROSION CONTROL  
 INITIAL PHASE  
 SHEET 3 OF 18



**TEMPORARY EROSION CONTROL LEGEND**

SEDIMENT TRAP



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 32
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

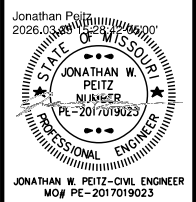
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

**olsson**  
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

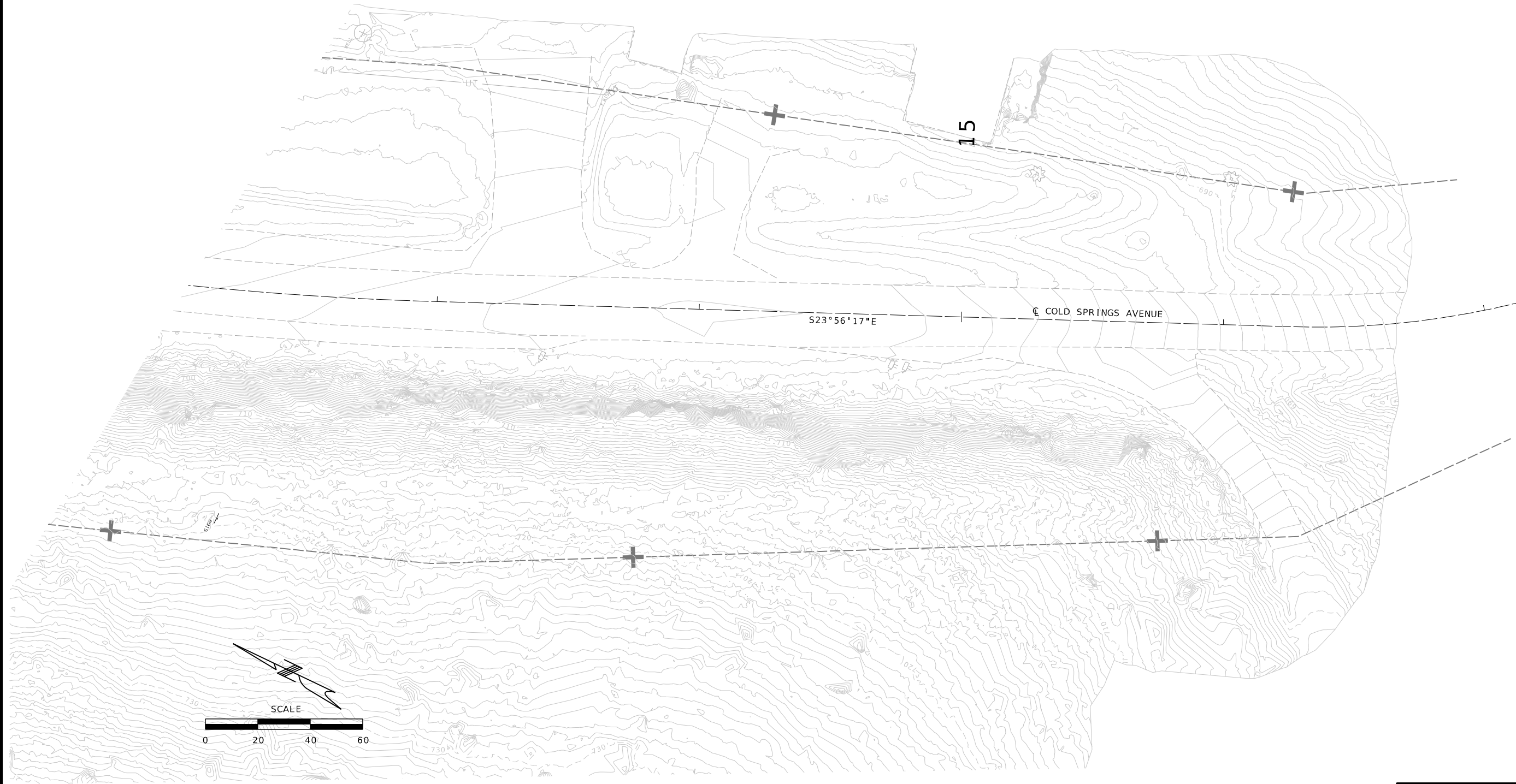
EROSION CONTROL  
INITIAL PHASE  
SHEET 4 OF 18



3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 33  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

TEMPORARY EROSION CONTROL LEGEND

(S) SEDIMENT TRAP



DATE	DESCRIPTION

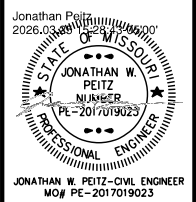
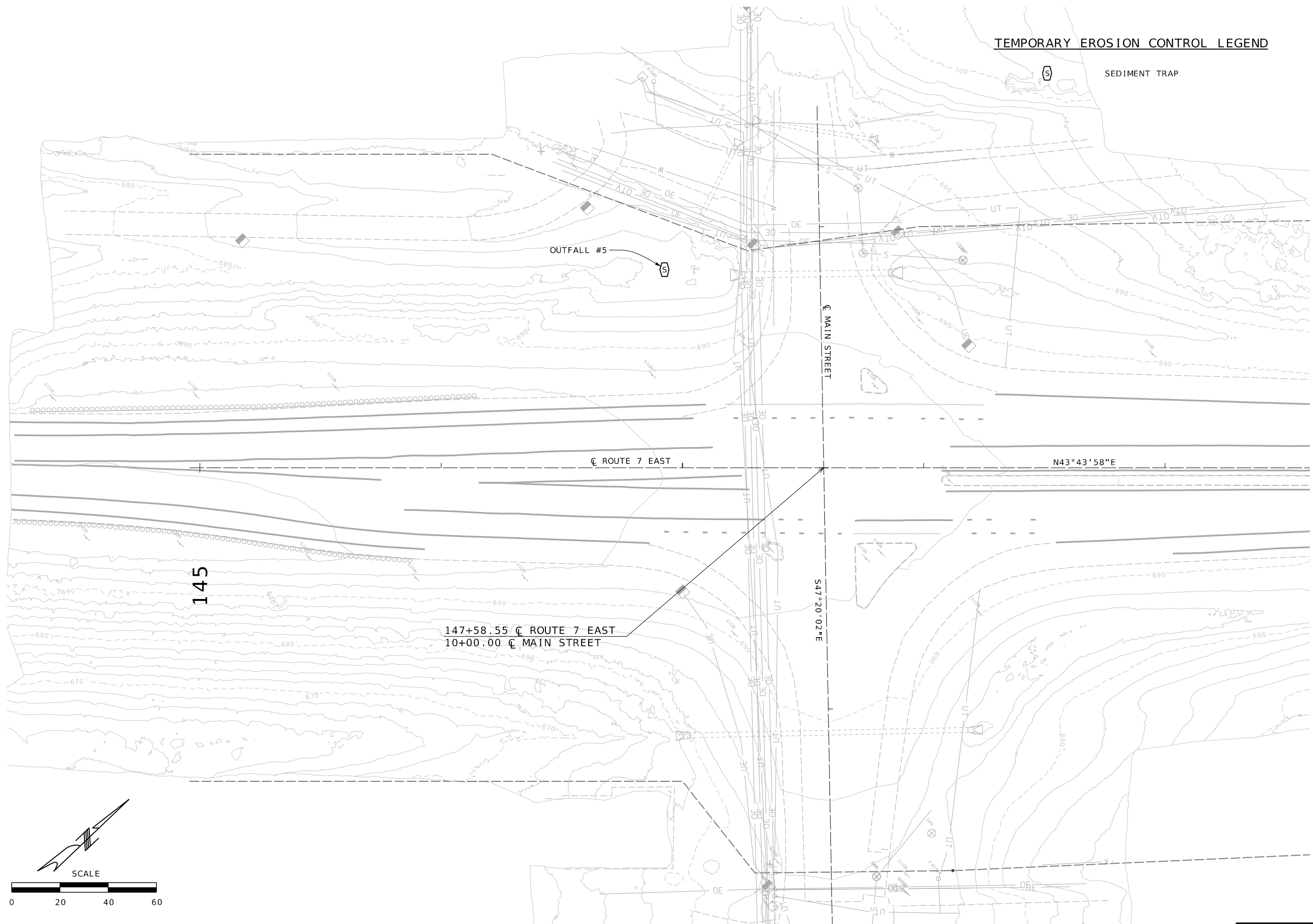
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

**olsson**  
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 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592

EROSION CONTROL  
 INITIAL PHASE  
 SHEET 5 OF 18

TEMPORARY EROSION CONTROL LEGEND

(S) SEDIMENT TRAP



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 34
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

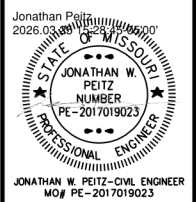
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

**olsson**  
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

EROSION CONTROL  
INITIAL PHASE  
SHEET 6 OF 18



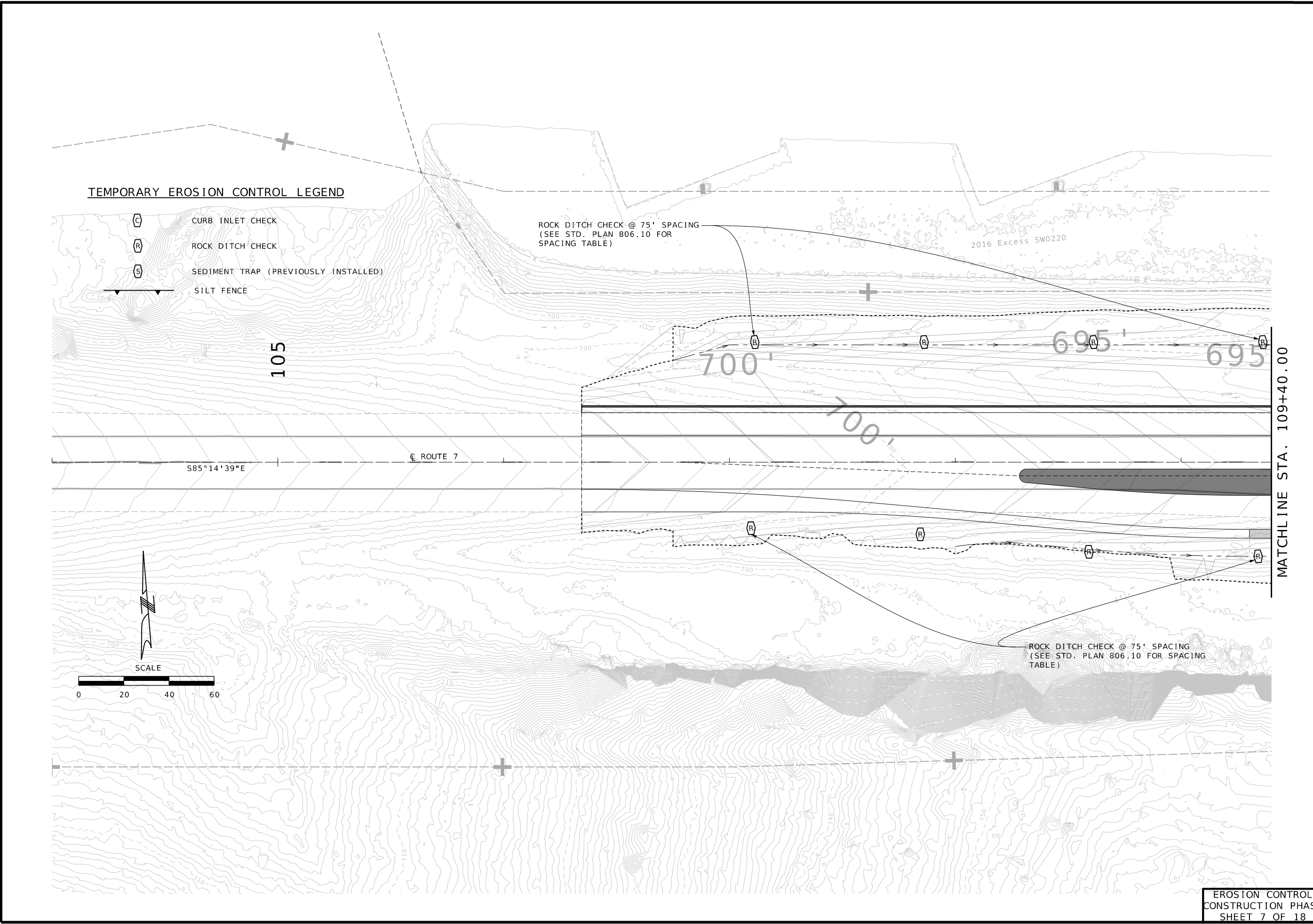
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 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 35  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION





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

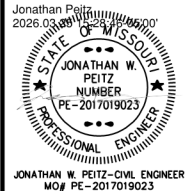
**olsson**  
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 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592

EROSION CONTROL  
 CONSTRUCTION PHASE  
 SHEET 7 OF 18



TEMPORARY EROSION CONTROL LEGEND


-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP (PREVIOUSLY INSTALLED)
-  SILT FENCE



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 36
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

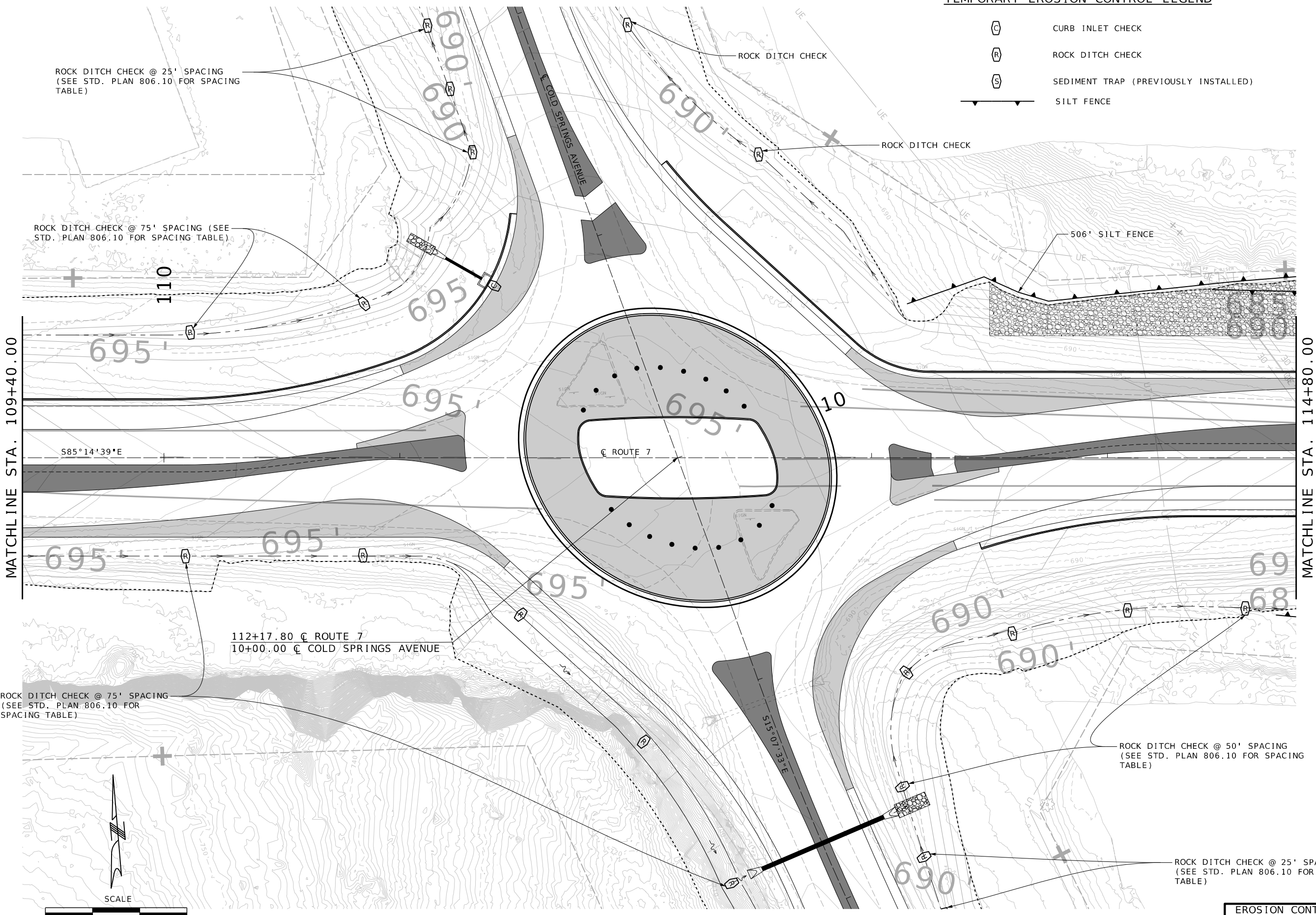


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



PH: 417.890.8802  
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SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

EROSION CONTROL  
CONSTRUCTION PHASE  
SHEET 8 OF 18



ROCK DITCH CHECK @ 25' SPACING  
(SEE STD. PLAN 806.10 FOR SPACING TABLE)

ROCK DITCH CHECK @ 75' SPACING (SEE  
STD. PLAN 806.10 FOR SPACING TABLE)

MATCHLINE STA. 109+40.00

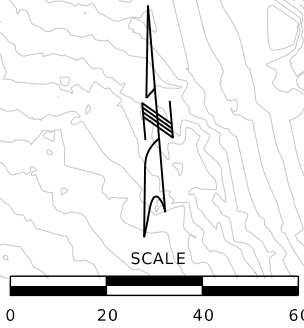
MATCHLINE STA. 114+80.00

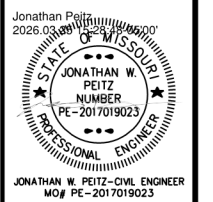
112+17.80 C ROUTE 7  
10+00.00 C COLD SPRINGS AVENUE

ROCK DITCH CHECK @ 75' SPACING  
(SEE STD. PLAN 806.10 FOR SPACING TABLE)





ROCK DITCH CHECK @ 50' SPACING  
(SEE STD. PLAN 806.10 FOR SPACING TABLE)

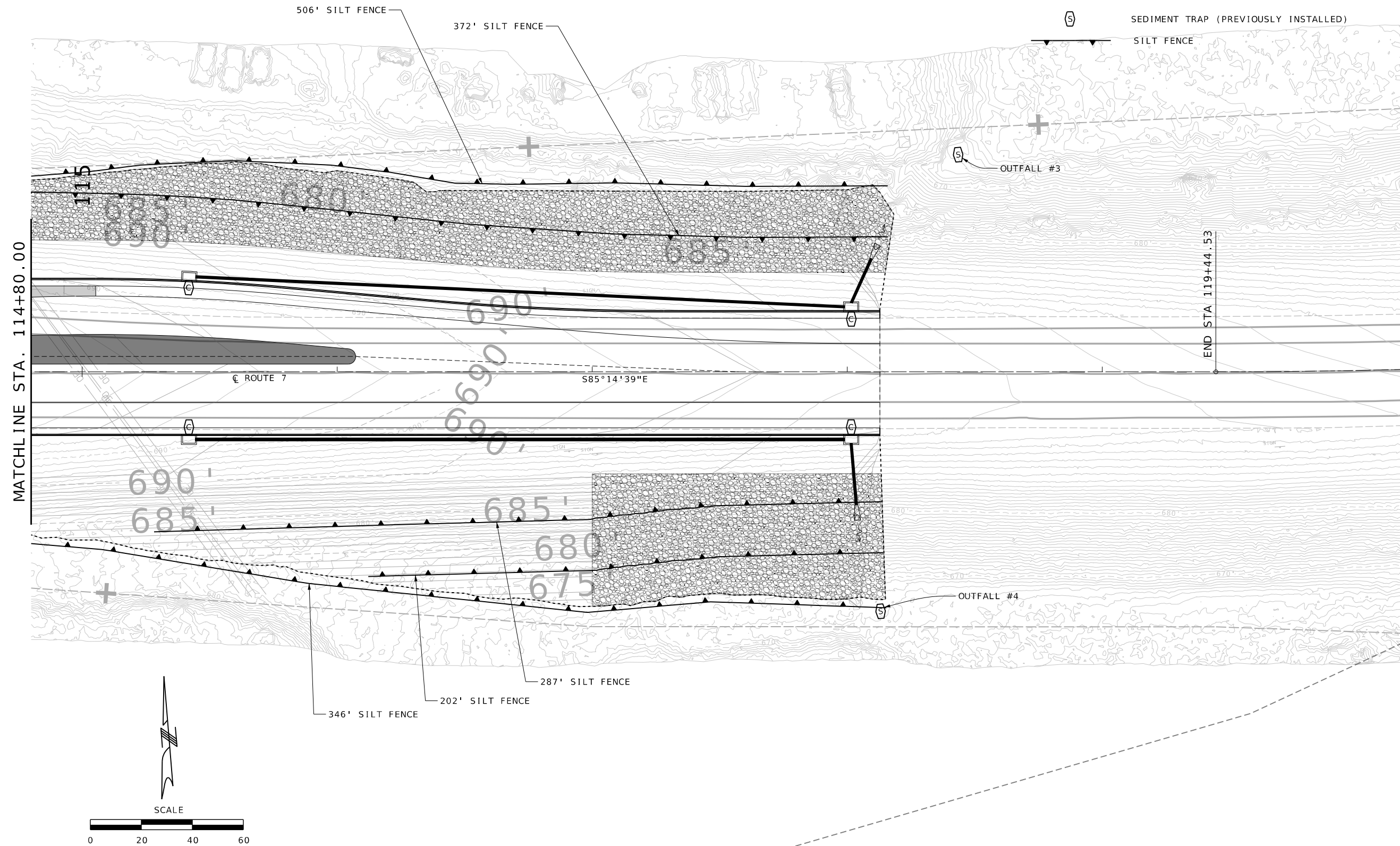
ROCK DITCH CHECK @ 25' SPACING  
(SEE STD. PLAN 806.10 FOR SPACING TABLE)





TEMPORARY EROSION CONTROL LEGEND


-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP (PREVIOUSLY INSTALLED)
-  SILT FENCE




3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 37
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

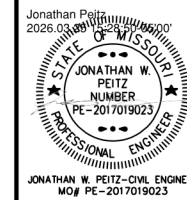


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



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550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

EROSION CONTROL  
CONSTRUCTION PHASE  
SHEET 9 OF 18



3/25/2026

ROUTE	STATE
7	MO
DISTRICT	SHEET NO.
SW	38

COUNTY

BENTON

JOB NO.

JSR0110

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION





MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

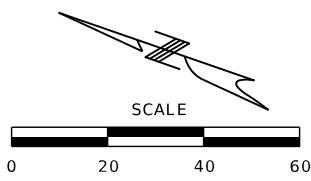
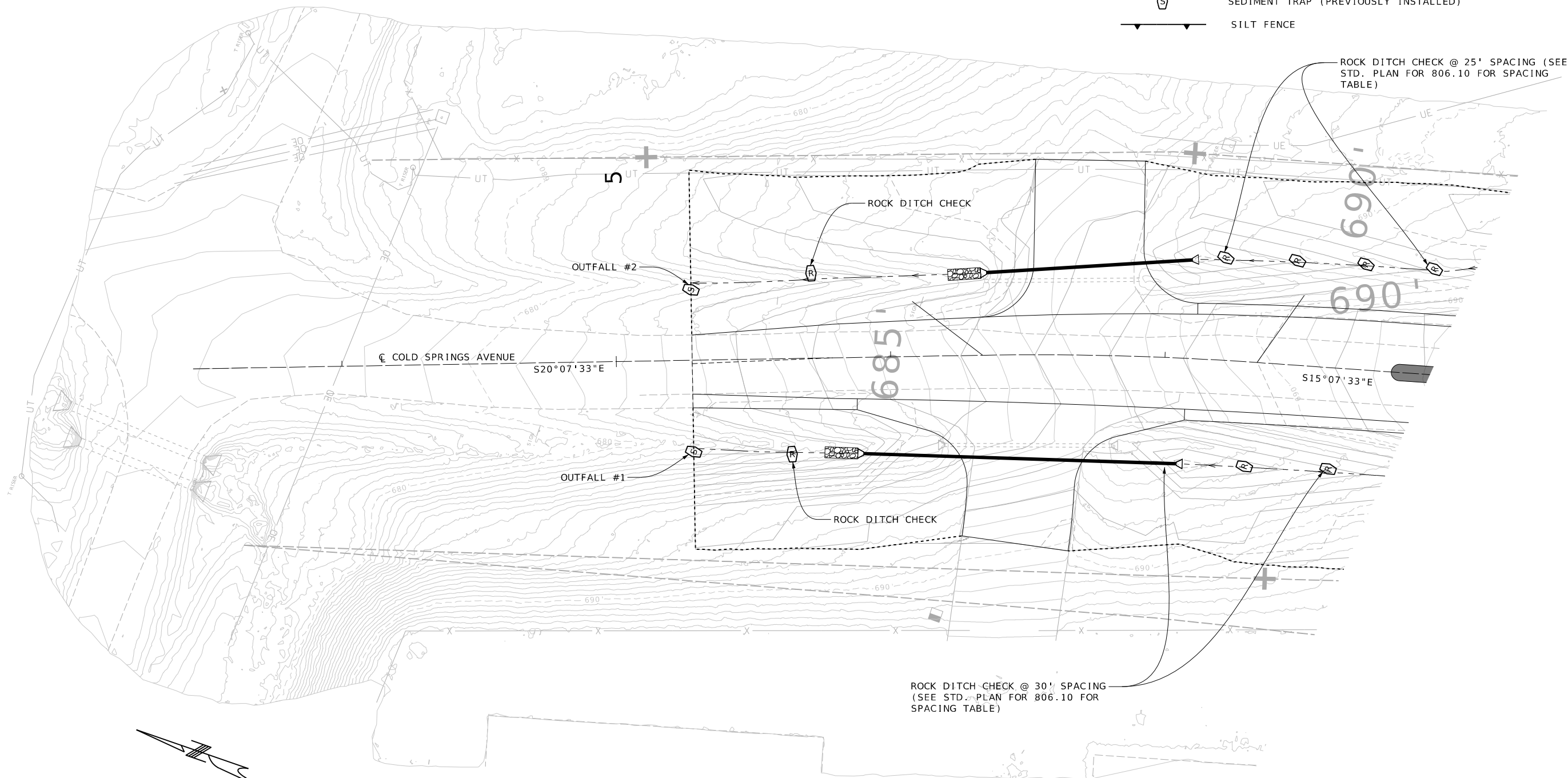


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

**olsson**  
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

### TEMPORARY EROSION CONTROL LEGEND

-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP (PREVIOUSLY INSTALLED)
-  SILT FENCE



EROSION CONTROL  
CONSTRUCTION PHASE  
SHEET 10 OF 18



3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 39  
 COUNTY BENTON  
 JOB NO. JSR0110  
 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)

**olsson**  
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 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF  
 AUTHORITY NO. 001592

**TEMPORARY EROSION CONTROL LEGEND**

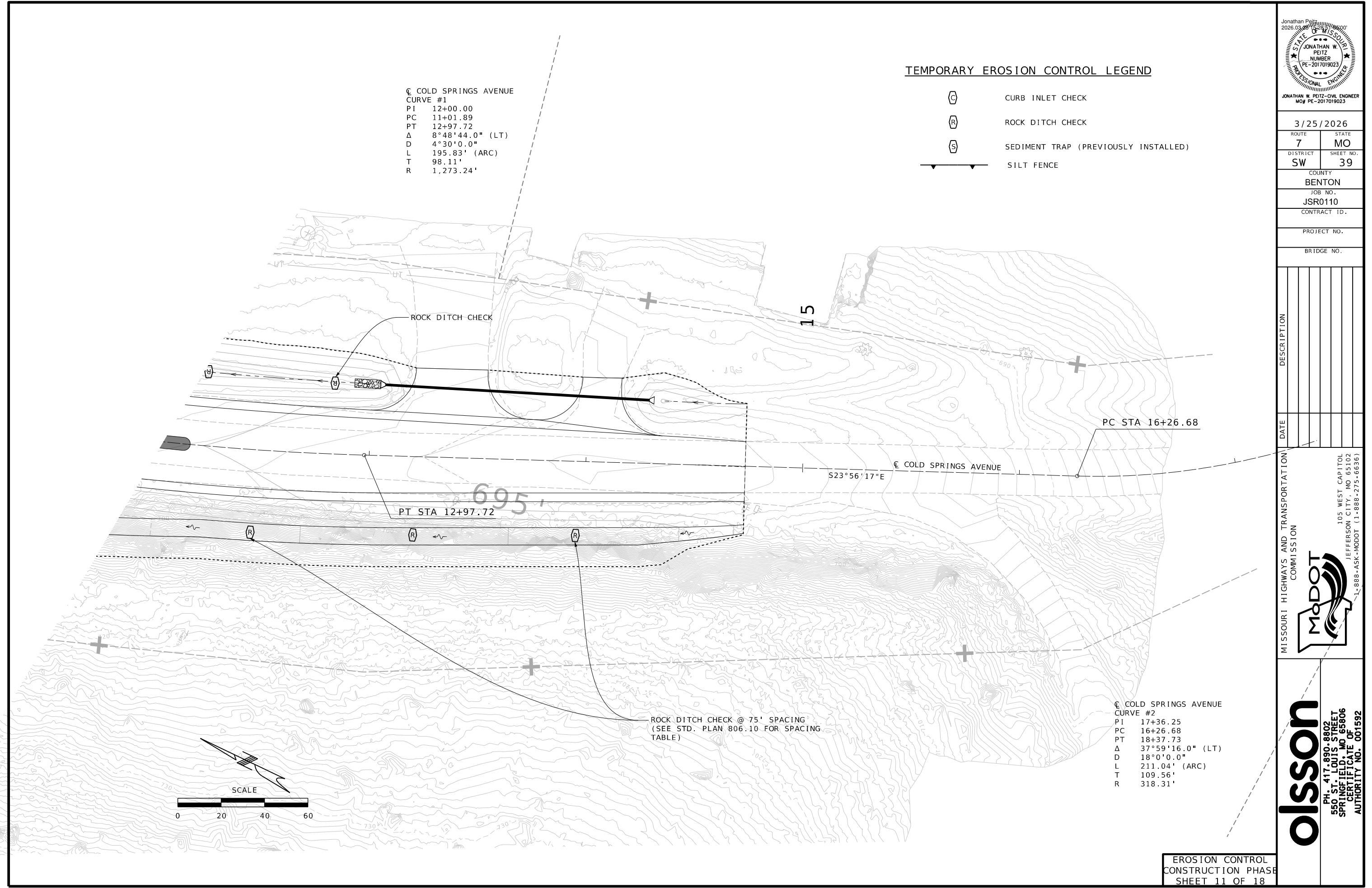
- CURB INLET CHECK
- ROCK DITCH CHECK
- SEDIMENT TRAP (PREVIOUSLY INSTALLED)
- SILT FENCE

☉ COLD SPRINGS AVENUE  
 CURVE #1  
 PI 12+00.00  
 PC 11+01.89  
 PT 12+97.72  
 $\Delta$  8°48'44.0" (LT)  
 $D$  4°30'0.0"  
 $L$  195.83' (ARC)  
 $T$  98.11'  
 $R$  1,273.24'

☉ COLD SPRINGS AVENUE  
 CURVE #2  
 PI 17+36.25  
 PC 16+26.68  
 PT 18+37.73  
 $\Delta$  37°59'16.0" (LT)  
 $D$  18°0'0.0"  
 $L$  211.04' (ARC)  
 $T$  109.56'  
 $R$  318.31'




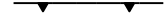


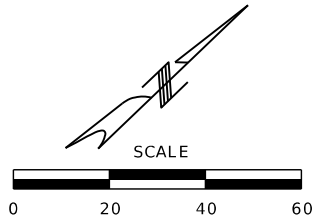
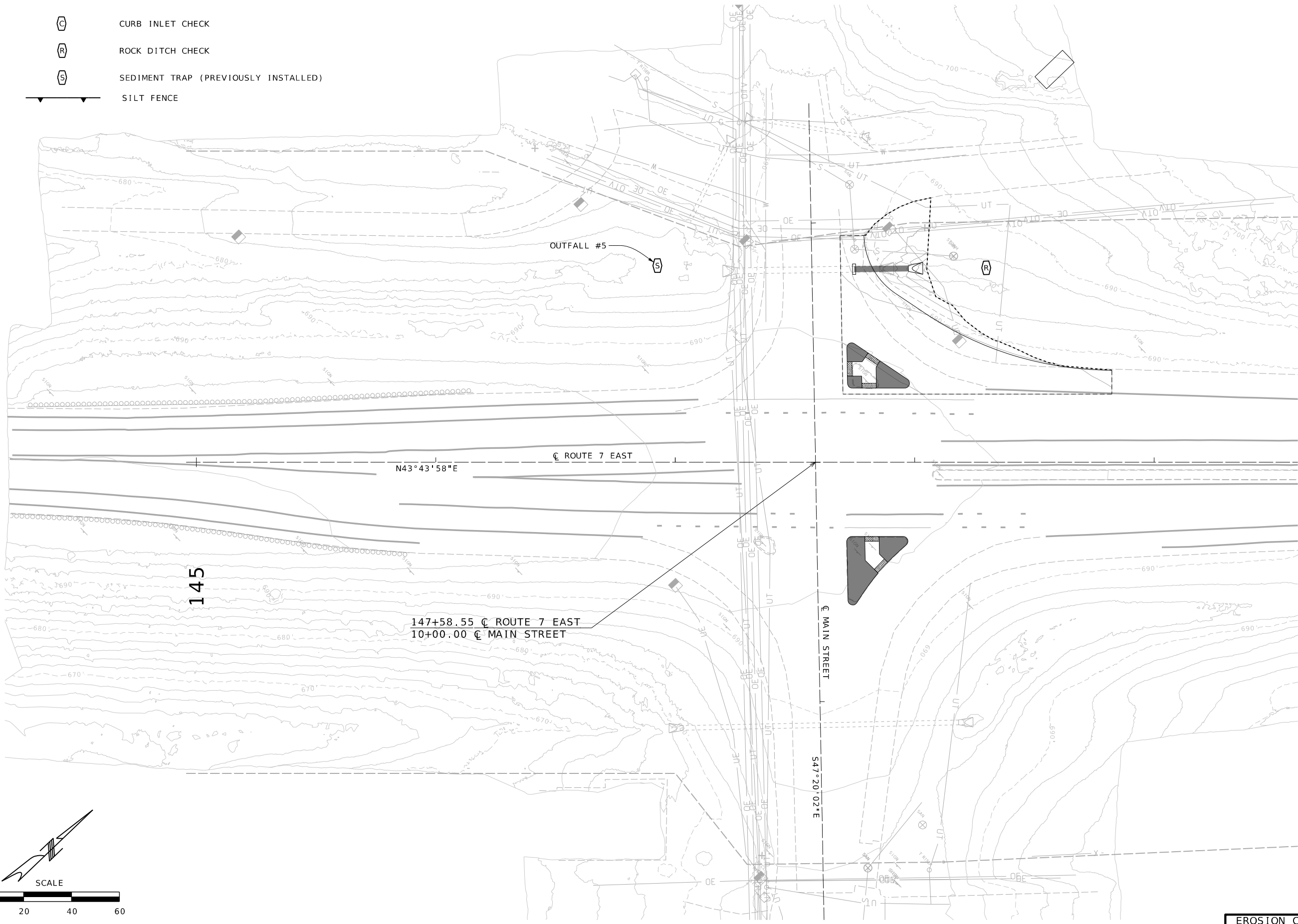
ROCK DITCH CHECK @ 75' SPACING  
 (SEE STD. PLAN 806.10 FOR SPACING  
 TABLE)



EROSION CONTROL  
 CONSTRUCTION PHASE  
 SHEET 11 OF 18

**TEMPORARY EROSION CONTROL LEGEND**

-  CURB INLET CHECK
-  ROCK DITCH CHECK
-  SEDIMENT TRAP (PREVIOUSLY INSTALLED)
-  SILT FENCE



EROSION CONTROL  
CONSTRUCTION PHASE  
SHEET 12 OF 18

Jonathan Peitz  
2026.03.08  
**STATE OF MISSOURI**  
JONATHAN W. PEITZ  
NUMBER  
PE-2017019023  
PROFESSIONAL ENGINEER  
JONATHAN W. PEITZ-CIVIL ENGINEER  
MO# PE-2017019023

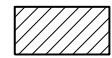
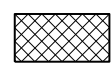
3/25/2026  
ROUTE 7 STATE MO  
DISTRICT SW SHEET NO. 40  
COUNTY BENTON  
JOB NO. JSR0110  
CONTRACT ID.

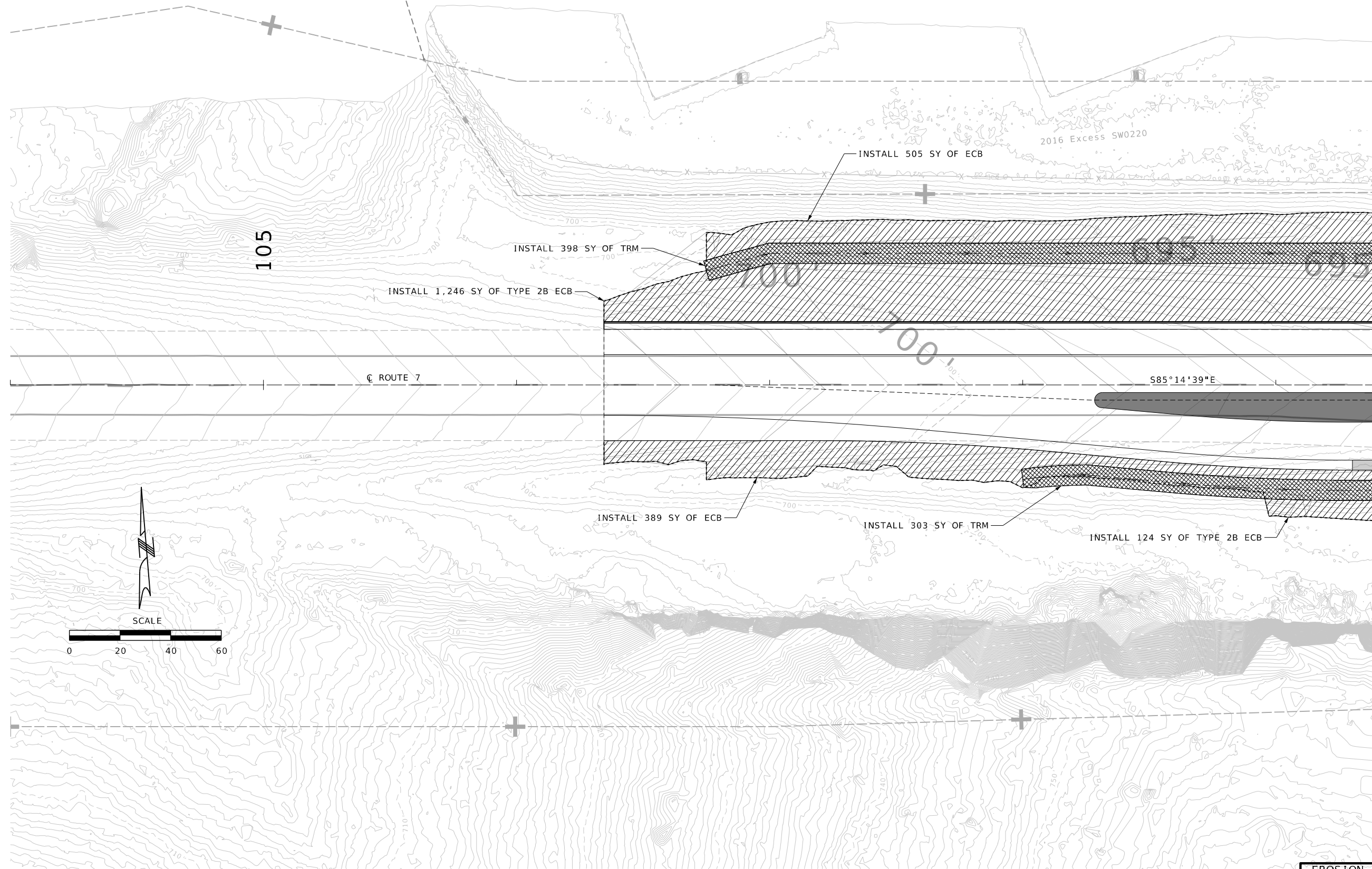
DATE	DESCRIPTION

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

**olsson**  
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL LEGEND

-  EROSION CONTROL BLANKET
-  TURF REINFORCEMENT MAT



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 41
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



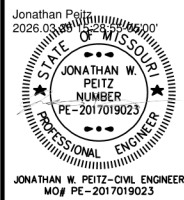
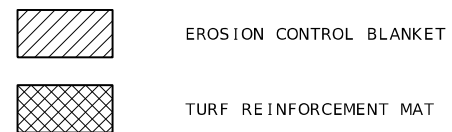
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

EROSION CONTROL  
FINAL PHASE  
SHEET 13 OF 18

TEMPORARY EROSION CONTROL LEGEND



3/25/2026

ROUTE 7 STATE MO  
DISTRICT SW SHEET NO. 42

COUNTY BENTON  
JOB NO. JSR0110  
CONTRACT ID.

PROJECT NO.  
BRIDGE NO.

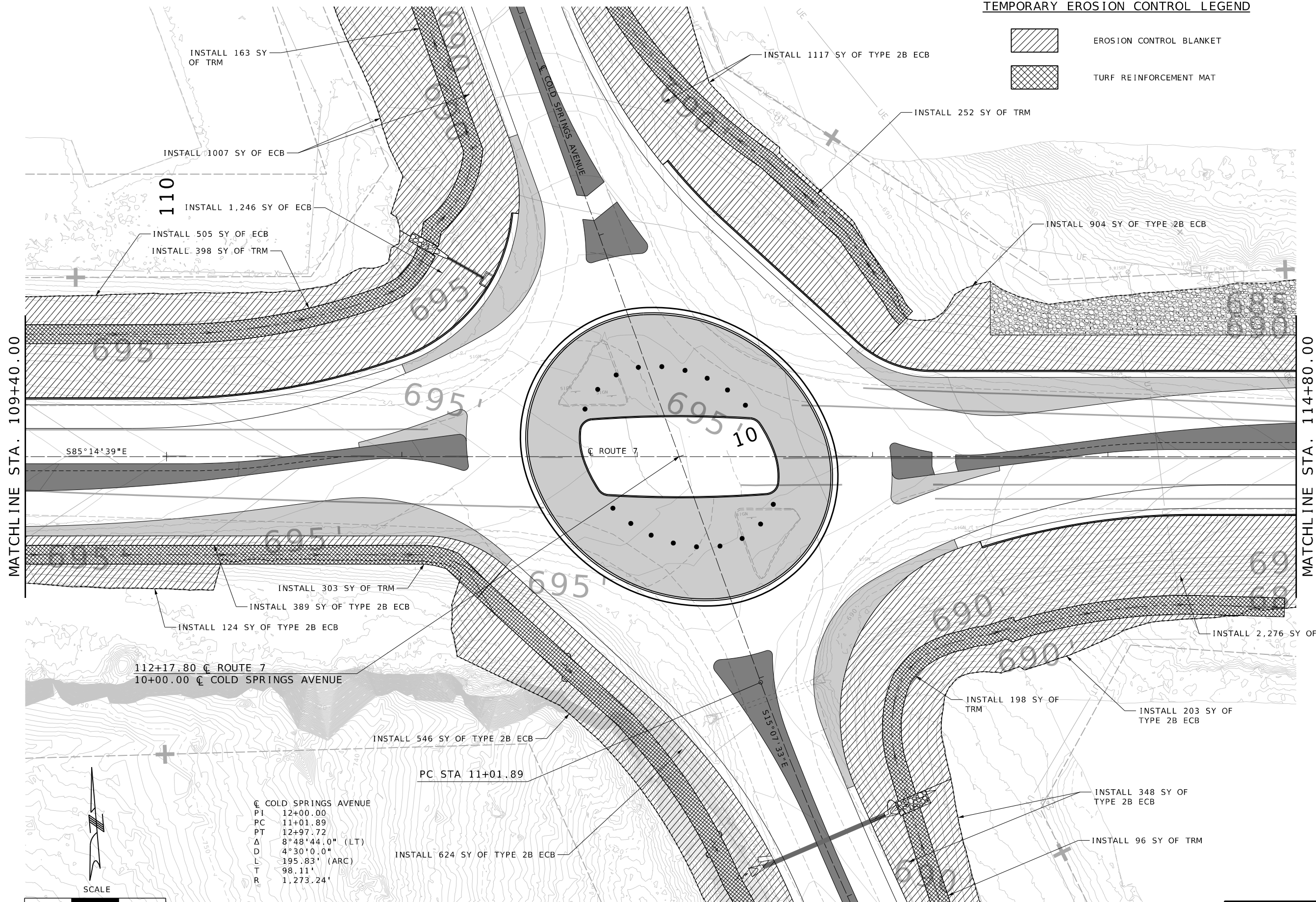
DATE	DESCRIPTION

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



**olsson**  
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

EROSION CONTROL  
FINAL PHASE  
SHEET 14 OF 18



MATCHLINE STA. 109+40.00

MATCHLINE STA. 114+80.00

INSTALL 163 SY OF TRM  
INSTALL 1007 SY OF ECB  
INSTALL 1,246 SY OF ECB  
INSTALL 505 SY OF ECB  
INSTALL 398 SY OF TRM

INSTALL 1117 SY OF TYPE 2B ECB

INSTALL 252 SY OF TRM

INSTALL 904 SY OF TYPE 2B ECB

INSTALL 303 SY OF TRM  
INSTALL 389 SY OF TYPE 2B ECB  
INSTALL 124 SY OF TYPE 2B ECB

112+17.80 C ROUTE 7  
10+00.00 C COLD SPRINGS AVENUE

INSTALL 2,276 SY OF TYPE 2B ECB

INSTALL 546 SY OF TYPE 2B ECB

INSTALL 624 SY OF TYPE 2B ECB

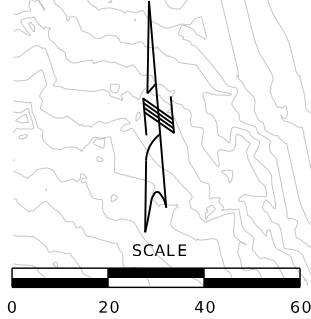
INSTALL 198 SY OF TRM

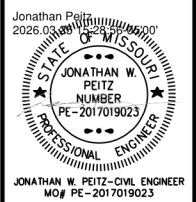
INSTALL 203 SY OF TYPE 2B ECB

INSTALL 348 SY OF TYPE 2B ECB

INSTALL 96 SY OF TRM

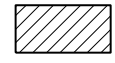
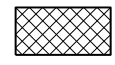
C COLD SPRINGS AVENUE  
PI 12+00.00  
PC 11+01.89  
PT 12+97.72  
Δ 8°48'44.0" (LT)  
D 4°30'0.0"  
L 195.83' (ARC)  
T 98.11'  
R 1,273.24'

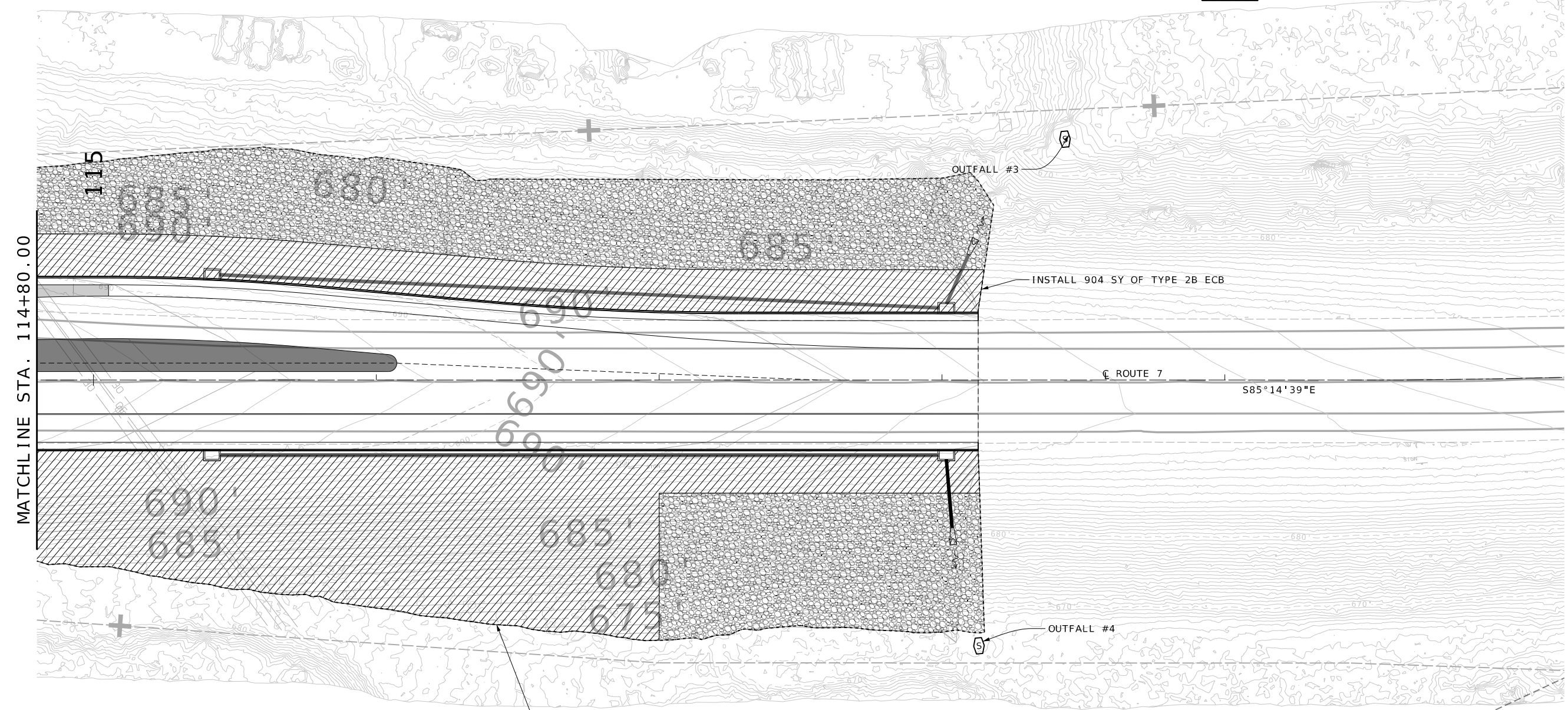




3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 43  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

**TEMPORARY EROSION CONTROL LEGEND**

-  EROSION CONTROL BLANKET
-  TURF REINFORCEMENT MAT

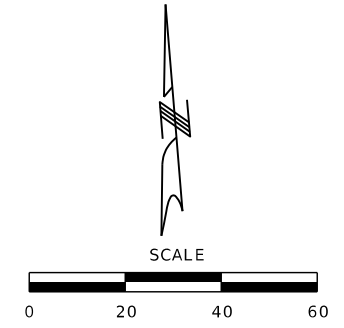


MATCHLINE STA. 114+80.00


INSTALL 904 SY OF TYPE 2B ECB

ROUTE 7  
 S85°14'39"E

INSTALL 2,276 SY OF TYPE 2B ECB

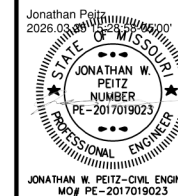


DATE	DESCRIPTION

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

**olsson**  
 PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF  
 AUTHORITY NO. 001592

EROSION CONTROL  
 FINAL PHASE  
 SHEET 15 OF 18



3/25/2026

ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 44

COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.

PROJECT NO.

BRIDGE NO.

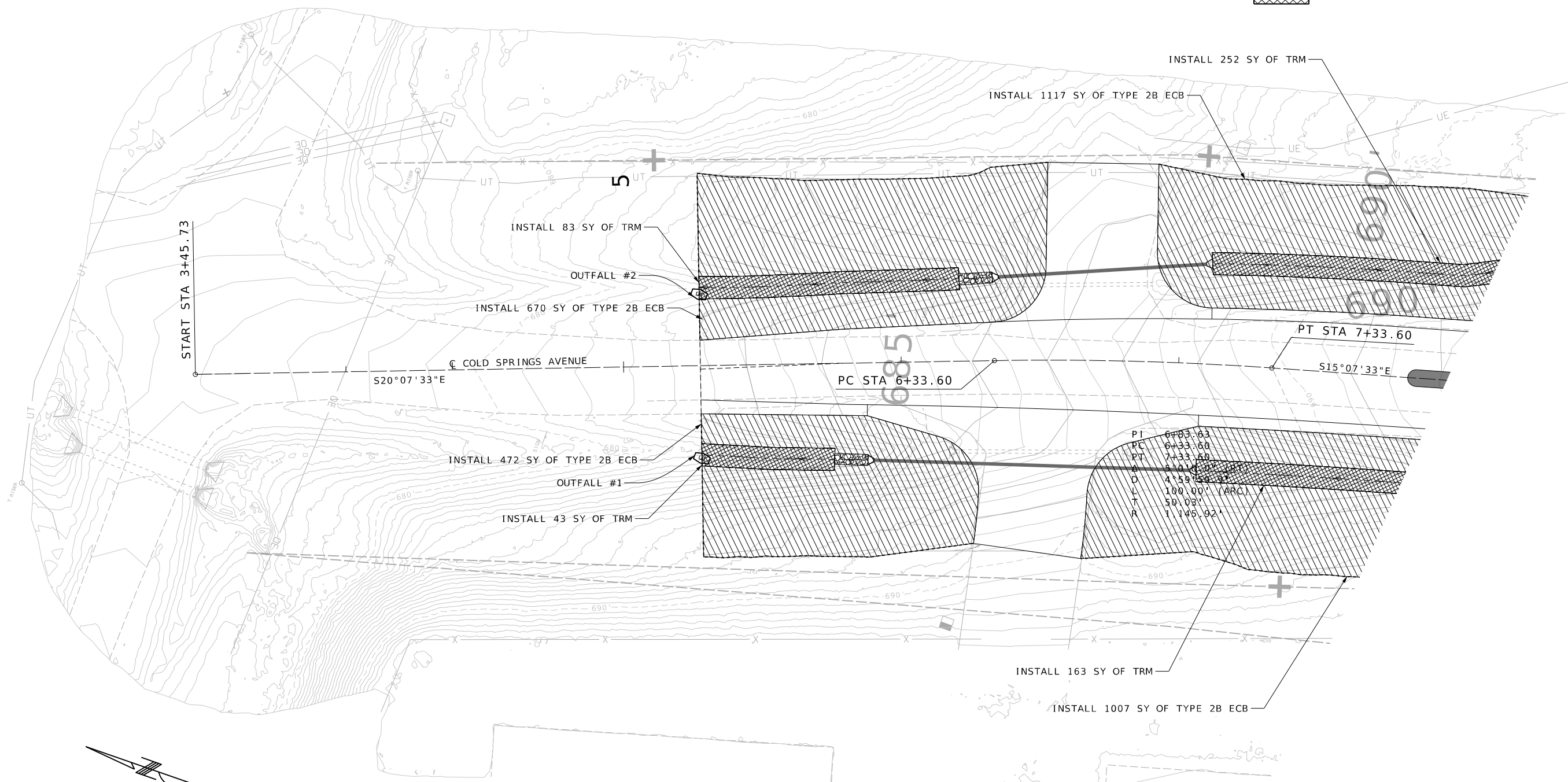
DATE	DESCRIPTION

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

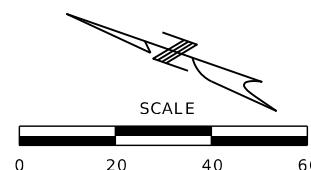
**olsson**  
 PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF  
 AUTHORITY NO. 001592

TEMPORARY EROSION CONTROL LEGEND

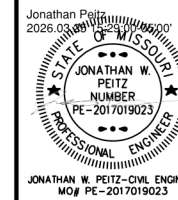
- EROSION CONTROL BLANKET
- TURF REINFORCEMENT MAT



PI	6+33.60
PC	6+33.60
PT	7+33.60
Δ	50.00'
D	4.59'
L	100.00' (ARC)
T	50.03'
R	1,145.92'



EROSION CONTROL  
 FINAL PHASE  
 SHEET 16 OF 18



3/25/2026

ROUTE 7 STATE MO

DISTRICT SW SHEET NO. 45

COUNTY BENTON


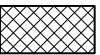
JOB NO. JSR0110

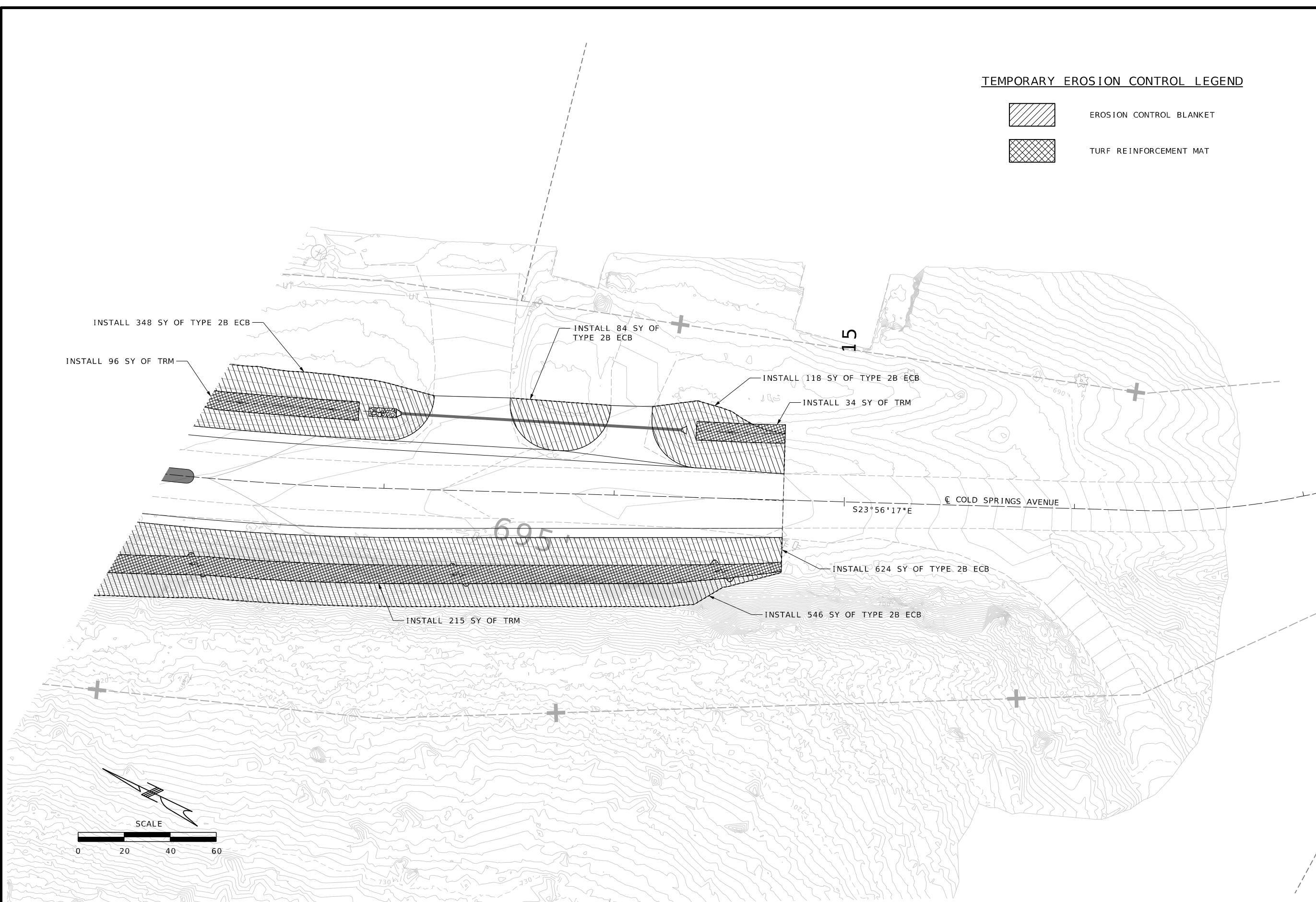
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

TEMPORARY EROSION CONTROL LEGEND

-  EROSION CONTROL BLANKET
-  TURF REINFORCEMENT MAT



DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



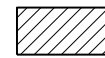
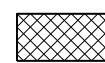
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

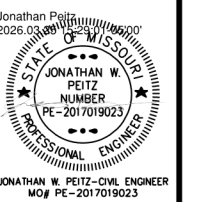
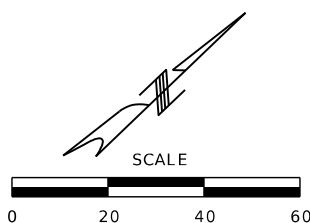
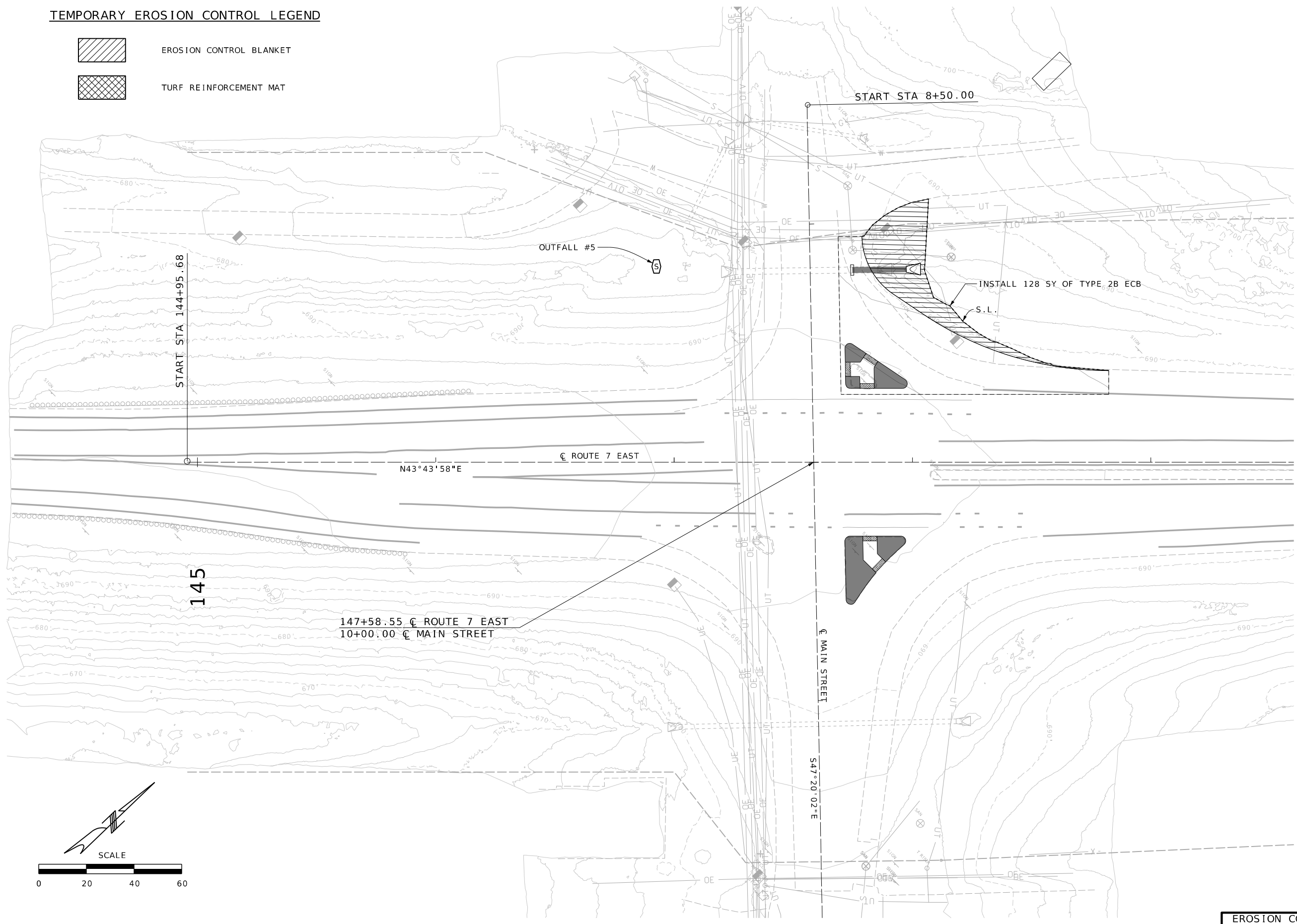


PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

EROSION CONTROL  
FINAL PHASE  
SHEET 17 OF 18

**TEMPORARY EROSION CONTROL LEGEND**

-  EROSION CONTROL BLANKET
-  TURF REINFORCEMENT MAT



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 46
COUNTY BENTON	
JOB NO. JSR0110	
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)



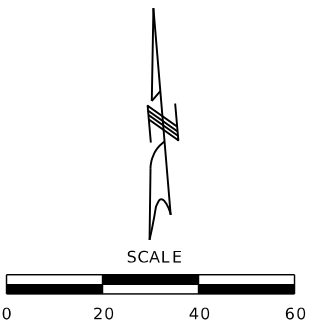
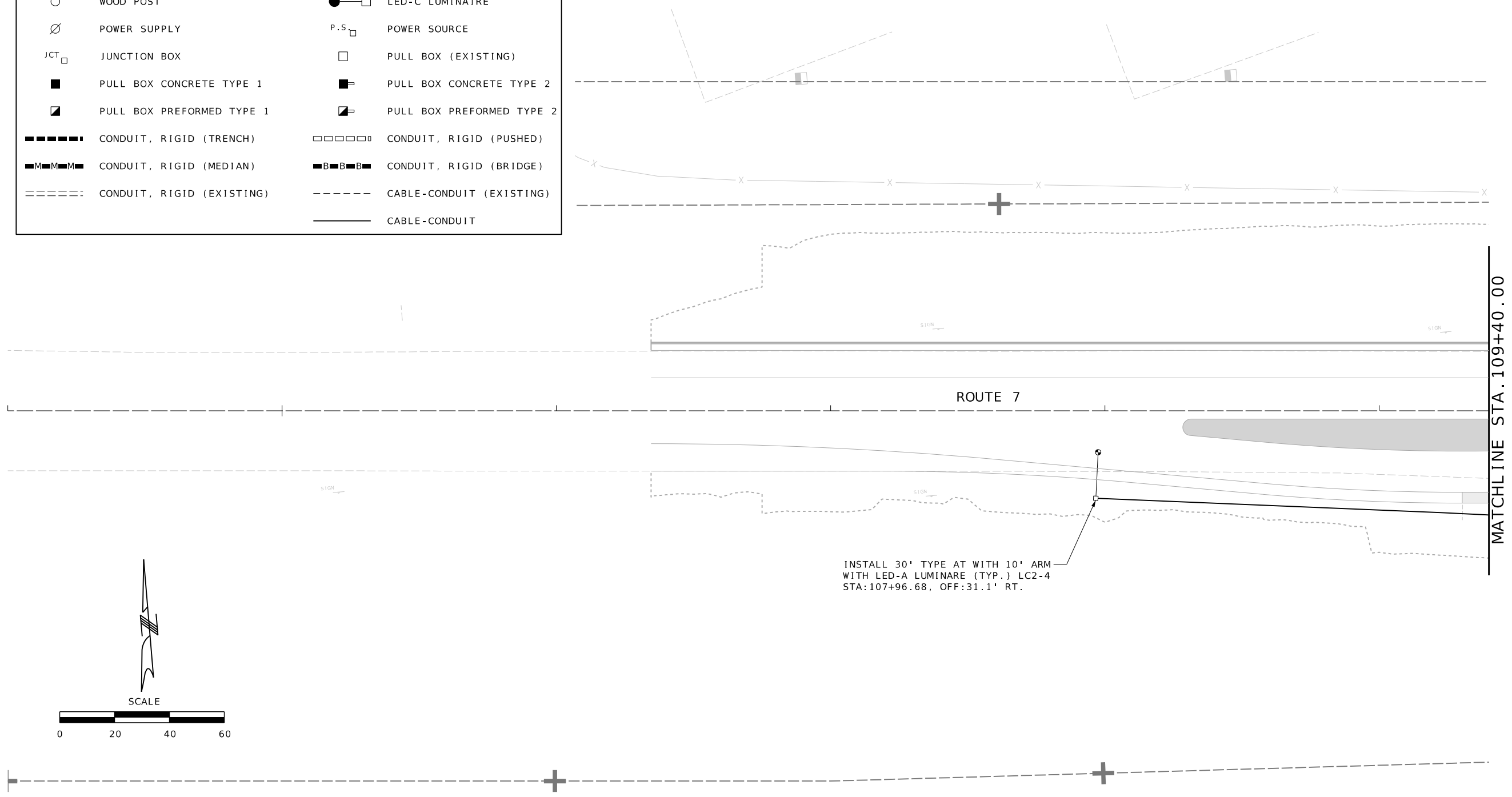
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

EROSION CONTROL  
FINAL PHASE  
SHEET 18 OF 18



3 / 25 / 2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 47
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

LIGHTING LEGEND			
	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		P.S. POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT



INSTALL 30' TYPE AT WITH 10' ARM  
WITH LED-A LUMINAIRE (TYP.) LC2-4  
STA:107+96.68, OFF:31.1' RT.

MATCHLINE STA. 109+40.00

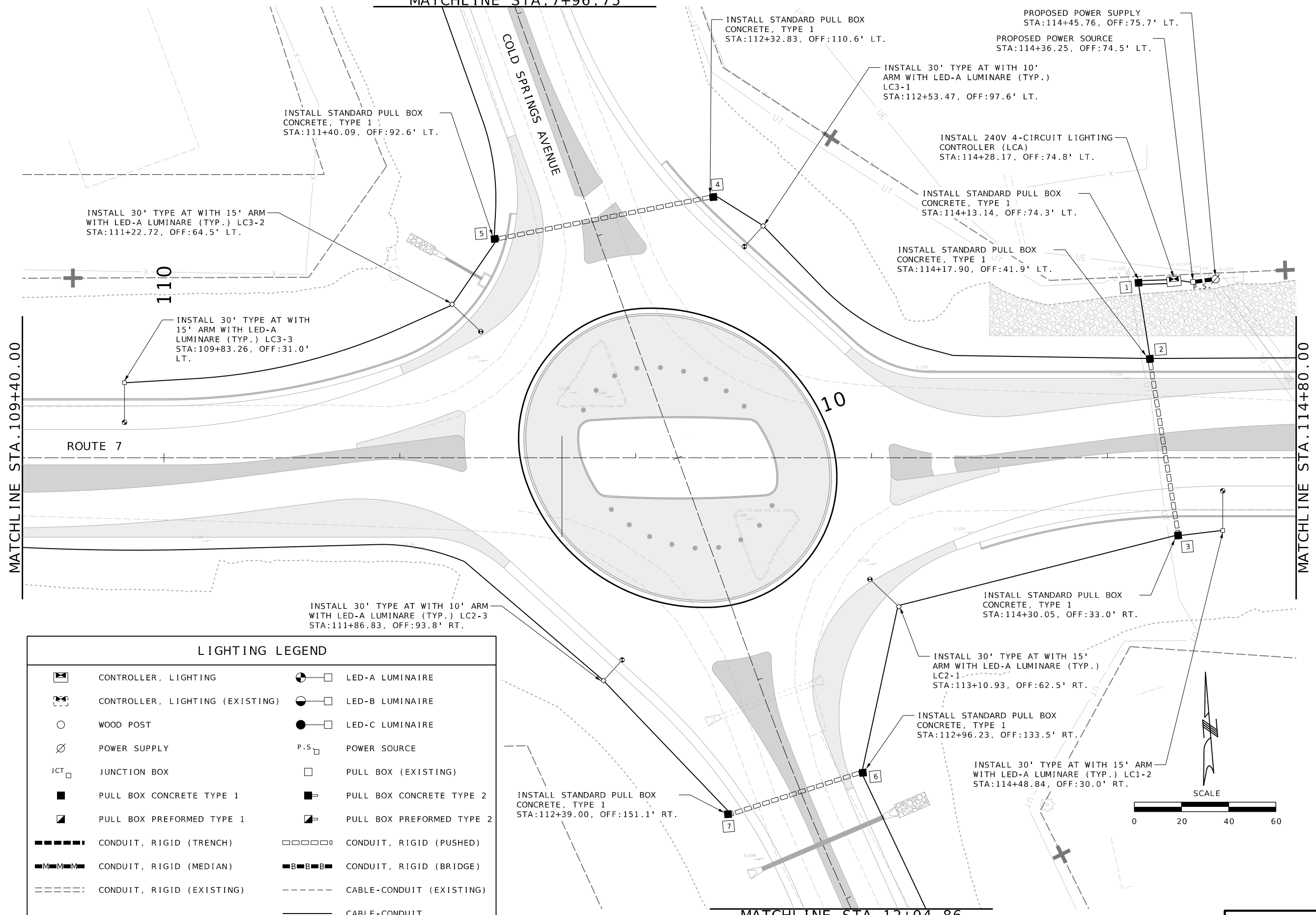
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

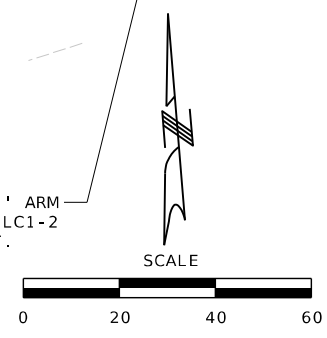
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

MATCHLINE STA. 7+96.75



**LIGHTING LEGEND**

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT



2026.03.25  
Jeremy Stretz 17:53:56-05'00"

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026

ROUTE	STATE
7	MO
DISTRICT	SHEET NO.
SW	48
COUNTY	
BENTON	
JOB NO.	
JSR0110	
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)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

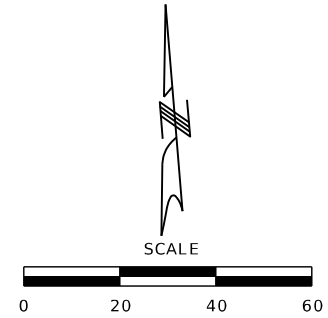
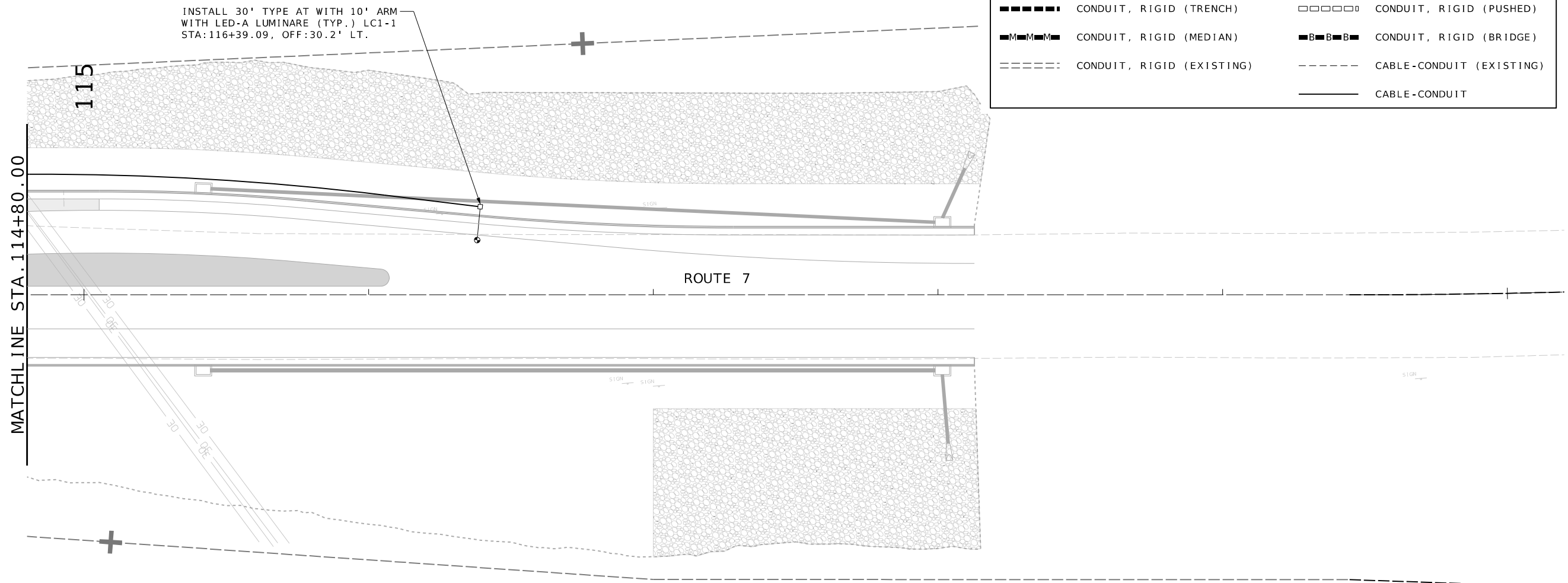
MATCHLINE STA. 12+04.86

LIGHTING PLAN  
SHEET 2 OF 7



3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 49
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

LIGHTING LEGEND			
	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		P.S. POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT



DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

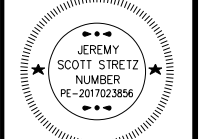
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

**olsson**

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

LIGHTING PLAN  
SHEET 3 OF 7

Jeremy Stretz 2026.03.25  
17:54:01-05'00"



JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026

ROUTE	STATE
7	MO
DISTRICT	SHEET NO.
SW	50

COUNTY  
BENTON

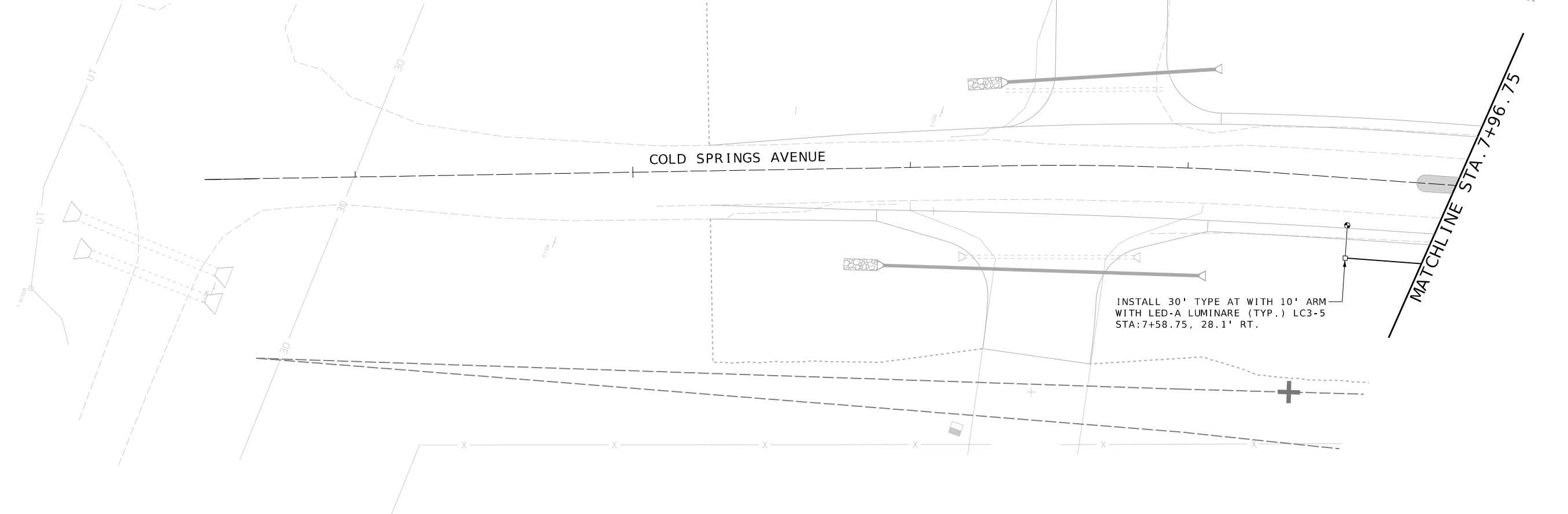
JOB NO.  
JSR0110

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		P.S. POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT



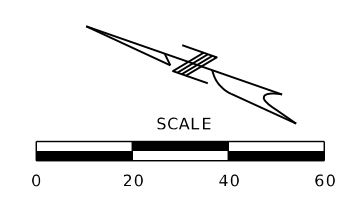
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

**olsson**

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592



LIGHTING PLAN  
SHEET 4 OF 7

Jeremy Stretz 2026.03.25  
17:54:03-05'00"

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 51
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

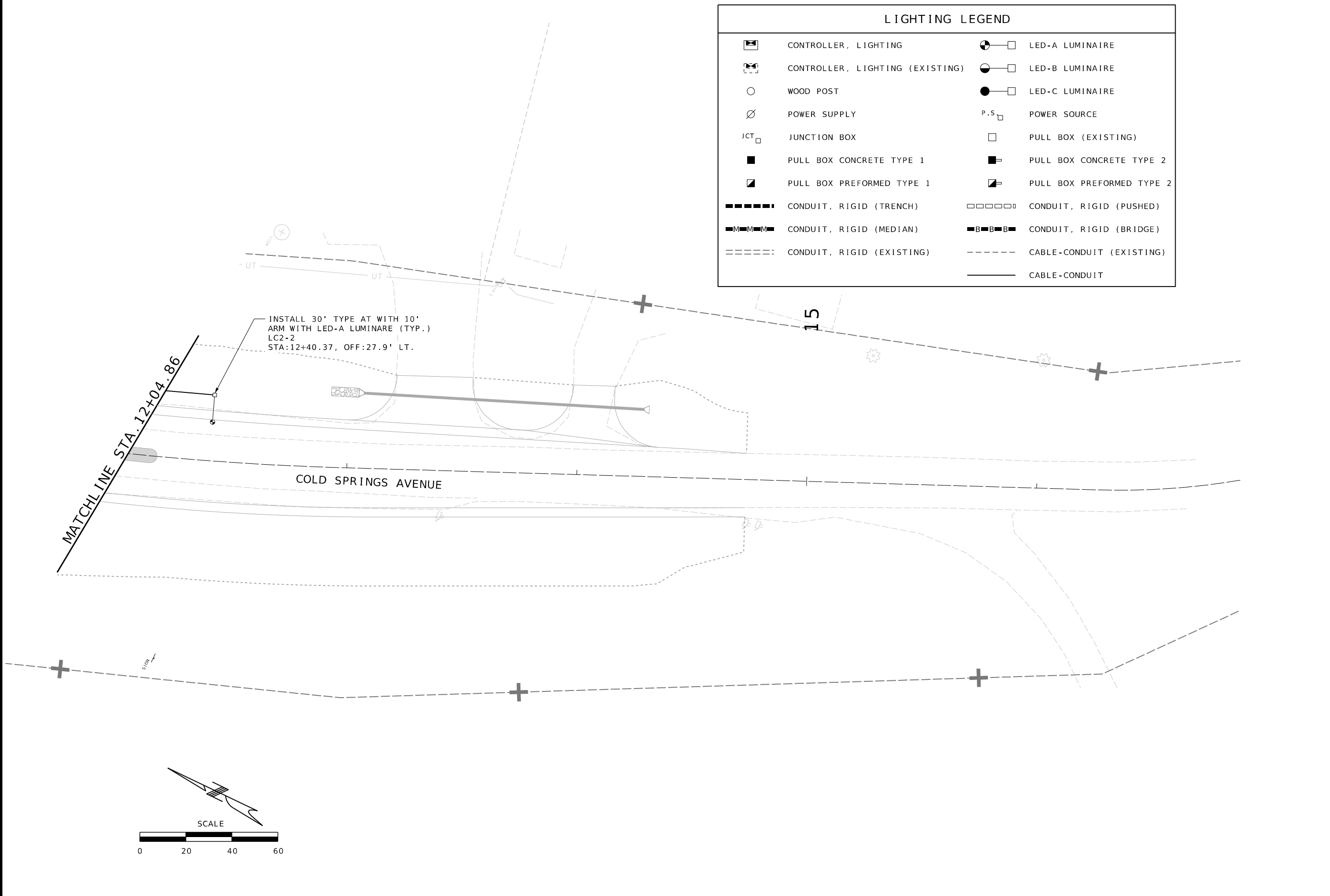
MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

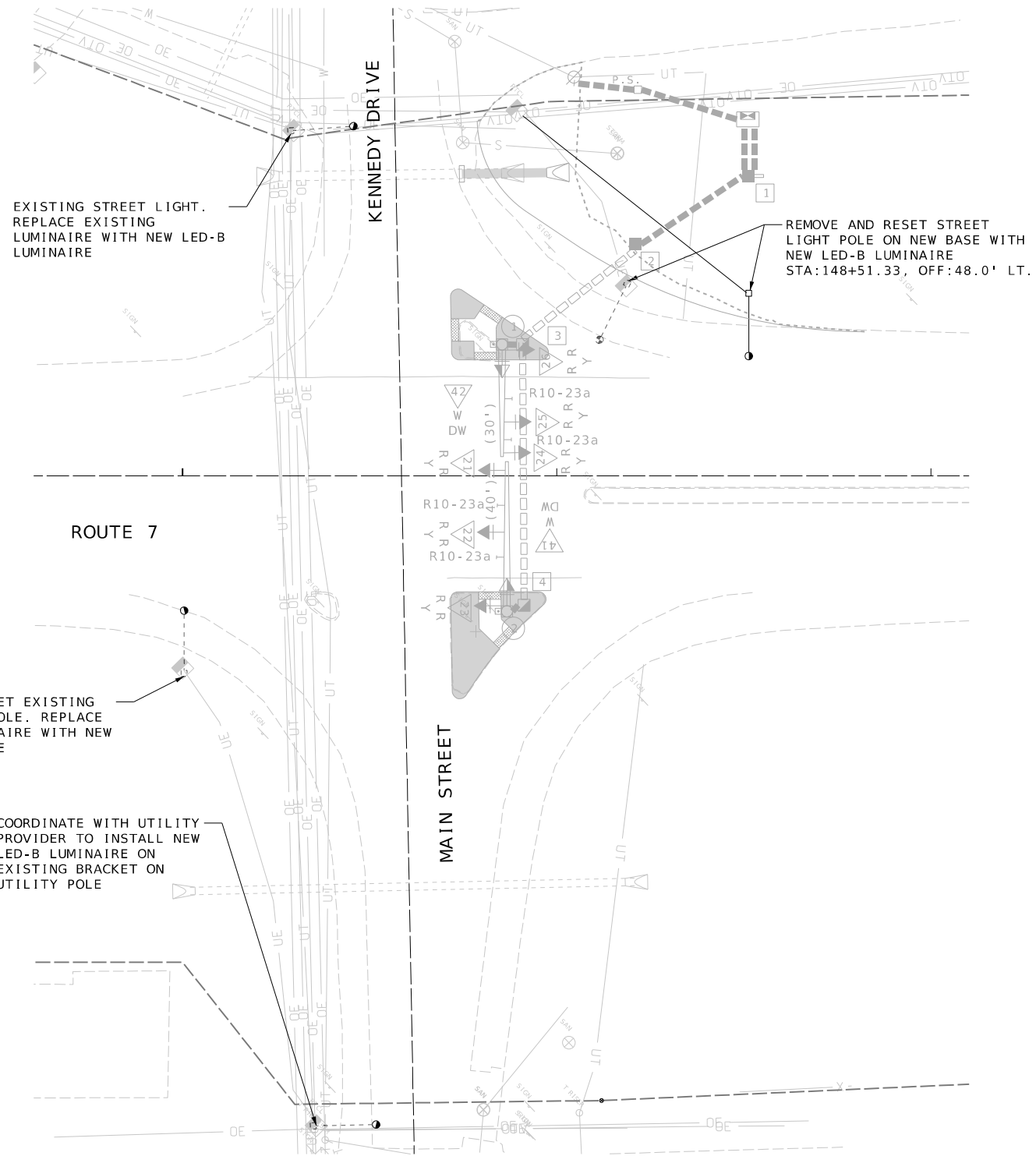
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

### LIGHTING LEGEND

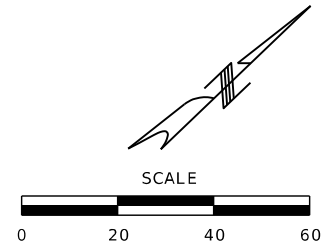
	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX CONCRETE TYPE 1		PULL BOX CONCRETE TYPE 2
	PULL BOX PREFORMED TYPE 1		PULL BOX PREFORMED TYPE 2
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (MEDIAN)		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT



LIGHTING PLAN  
SHEET 5 OF 7



LIGHTING LEGEND			
	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY		POWER SOURCE
	JUNCTION BOX		PULL BOX CONCRETE TYPE 1
	PULL BOX CONCRETE TYPE 2		PULL BOX PREFORMED TYPE 1
	PULL BOX PREFORMED TYPE 2		CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (PUSHED)		CONDUIT, RIGID (MEDIAN)
	CONDUIT, RIGID (BRIDGE)		CONDUIT, RIGID (EXISTING)
	CABLE-CONDUIT (EXISTING)		CABLE-CONDUIT



2026.03.25  
Jeremy Stretz 17:54:05-05'00"

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026  
ROUTE 7 STATE MO  
DISTRICT SW SHEET NO. 52  
COUNTY BENTON  
JOB NO. JSR0110  
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)

**olsson**  
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

Jeremy Stretz 2026.04.08  
09:53:32-0500'



JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

HIGHWAY LIGHTING												
SH. NUM.	POLE NO.	ROADWAY	STATION	OFFSET	BRACKET ARM 15 FT (EACH)	BRACKET ARM 10 FT (EACH)	LIGHTING POLE 30 FT TYPE AT (EACH)	LED A LUMINAIRE (EACH)	LED B LUMINAIRE (EACH)	POLE FOUNDATION 30 FT M.H. (EACH)	RELOCATE POLE (EACH)	CABLE, 10 AWG 1 CONDUCTOR, POLE AND BRACKET (LF)
					9011115	9011110	9011030	9011311	9011312	9018230	9011010	9017110
1	LC2-4	ROUTE 7	107+96.68	31.1' RT.		1	1	1		1		90
2	LC3-3	ROUTE 7	109+83.26	31.0' LT.	1		1	1		1		100
2	LC3-2	ROUTE 7	111+22.72	64.5' LT.	1		1	1		1		100
2	LC2-3	ROUTE 7	111+86.83	93.8' RT.		1	1	1		1		90
2	LC3-1	ROUTE 7	112+53.47	97.6' LT.		1	1	1		1		90
2	LC2-1	ROUTE 7	113+10.93	62.5' RT.	1		1	1		1		100
2	LC1-2	ROUTE 7	114+48.84	30.0' RT.	1		1	1		1		100
3	LC1-1	ROUTE 7	116+39.09	30.2' LT.		1	1	1		1		90
4	LC3-5	COLD SPRINGS	7+58.75	28.1' RT.	1		1	1		1		100
5	LC2-2	COLD SPRINGS	12+40.37	27.9' LT.	1		1	1		1		100
6	-	KENNEDY DR	148+51.33	48.0' LT.					1		1	0
6	-	KENNEDY DR	EXISTING	EXISTING					1		1	0
6	-	MAIN ST	EXISTING	EXISTING					1			
6	-	MAIN ST	EXISTING	EXISTING					1			
TOTAL					6	4	10	10	4	11	2	960

CABLE AND CABLE CONDUIT						
SH. NUM.	CIRCUIT	FROM	TO	CTR. TO CTR.	CABLE-CONDUIT 1 IN., 2 CONDUCTORS (AND 1 BARE NEUTRAL) 4 AWG (LF) 9017402	TRENCHING, TYPE II (LF) 9015020
1 & 2	2	LC2-3	LC2-4	411	422	411
2	2	PB7	LC2-4	80	86	80
2	2	PB6	PB7	60	66	
2	2	LC2-1	PB6	52	58	52
2	2	PB3	LC2-1	170	176	170
2	1	LC1-2	PB3	100	106	100
2	1 & 2	PB2	PB3	78	168	
2	1, 2, & 3	PB1	PB2	35	123	35
2	1, 2, & 3	LCA	PB1	10	48	10
2	3	PB2	LC3-1	185	191	185
2	3	LC3-1	PB4	30	36	30
2	3	PB4	PB5	95	101	
2	3	PB5	LC3-2	35	41	35
2	3	LC3-2	LC3-3	148	154	148
2 & 3	1	PB2	LC1-1	224	230	224
2 & 4	3	PB5	LC3-5	134	140	134
2 & 5	2	PB6	LC2-2	90	96	90
6	-	EX PB	LUM	85	91	85
SUBTOTAL					2333	1789
5% FOR SNAKING					117	X
TOTAL					2450	1789

PULL BOXES					
SH. NUM.	PULL BOX NO.	ROADWAY	STA.	OFF.	PULLBOX, CONCRETE STANDARD (EACH) 9016120
2	PB1	ROUTE 7	114+13.14	74.3' LT.	1
2	PB2	ROUTE 7	114+17.90	41.9' LT.	1
2	PB3	ROUTE 7	114+30.05	33.0' RT.	1
2	PB4	ROUTE 7	112+32.83	110.6' LT.	1
2	PB5	ROUTE 7	111+40.09	92.6' LT.	1
2	PB6	ROUTE 7	112+96.23	133.5' RT.	1
2	PB7	ROUTE 7	112+39.00	151.1' RT.	1
TOTAL					7

POWER CABLE & RIGID CONDUIT							
SH. NUM.	ROADWAY	FROM	TO	CTR. TO CTR.	CABLE, 2 AWG 1 CONDUCTOR (LF) 9017002	CONDUIT, 2 IN. RIGID-IN TRENCH (LF) 9013002	CONDUIT, 4 IN. RIGID PUSHED (LF) 9014004
2	ROUTE 7	POWER SUPPLY	POWER SOURCE	15	93	15	
2	ROUTE 7	POWER SOURCE	CONTROLLER *A*	30	114	30	
2	ROUTE 7	PB2	PB3	78			76
2	ROUTE 7	PB4	PB5	96			94
2	ROUTE 7	PB6	PB7	60			58
TOTAL					207	45	228

POWER SUPPLY AND BASE MOUNTED CONTROL STATION						
SH. NUM.	ROADWAY	STA.	OFF.	POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVIC, LIGHTING ONLY (EACH) 9018612	BASE MOUNTED CONTROL STATION (240 VOLT-4 CIRCUIT) (EACH) 9012230	REMARKS
2	ROUTE 7	114+45.76	75.7' LT.	1		
2	ROUTE 7	114+36.25	74.5' LT.		1	LC*A*
TOTAL				1	1	X

4/8/2026

ROUTE 7 STATE MO

DISTRICT SW SHEET NO. 53

COUNTY BENTON

JOB NO. JSR0110

CONTRACT ID.


PROJECT NO.

BRIDGE NO.


DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

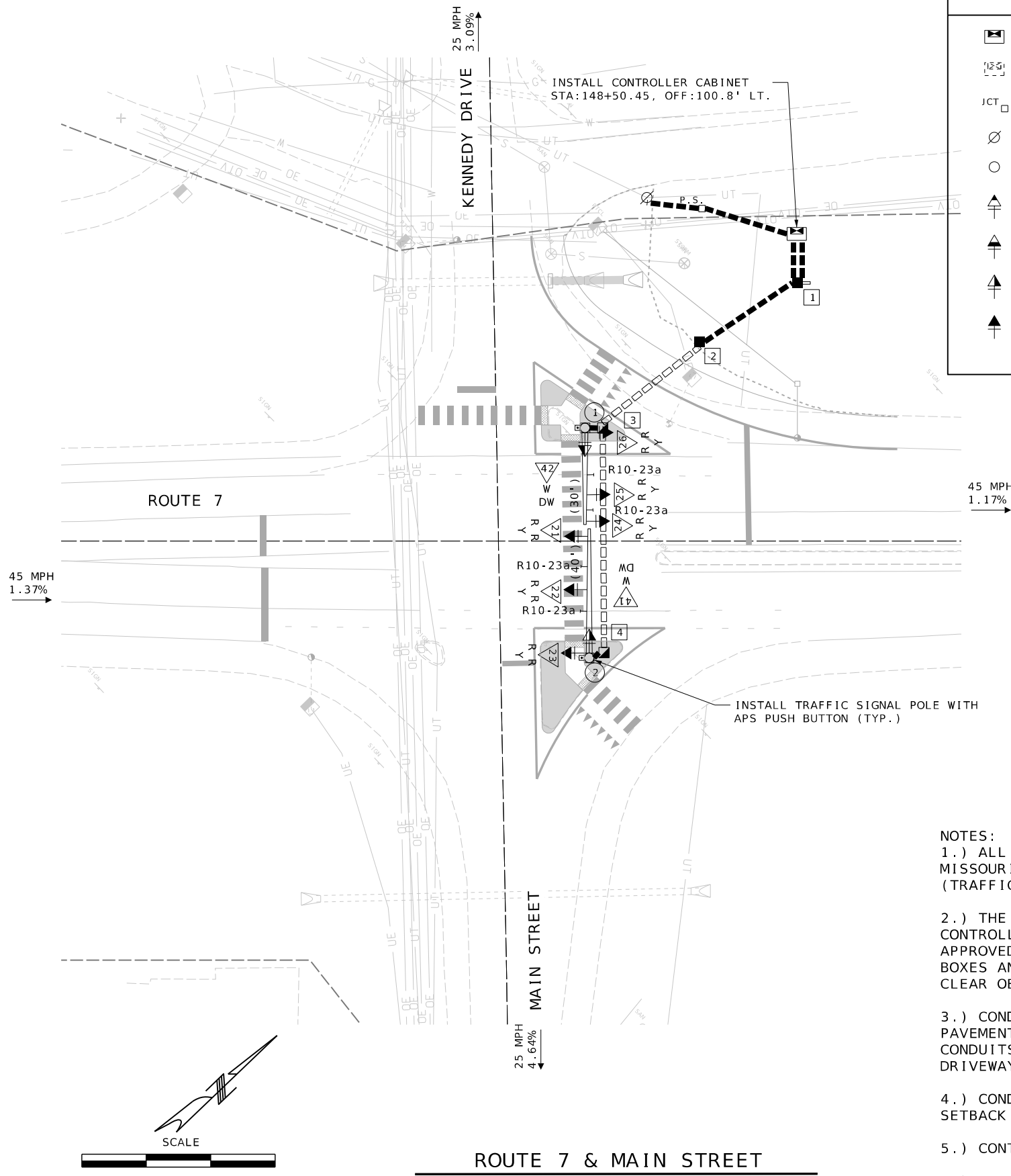


105 WEST CAPITOL JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



PH: 417.890.8802  
550 S. L. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

LIGHTING PLAN  
SHEET 7 OF 7

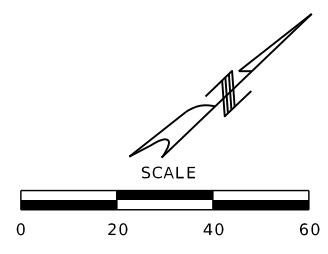


TRAFFIC SIGNALS LEGEND			
	CONTROLLER		6 X 6 LOOP DETECTOR
	CONTROLLER (EXISTING)		6 X 15 LOOP DETECTOR
	JUNCTION BOX		30 X 6 LOOP DETECTOR
	POWER SUPPLY		CONDUIT MEDIAN
	WOOD POST		CONDUIT PUSHED
	SIGNAL HEAD (OPT LIM CONV)		CONDUIT BRIDGE
	SIGNAL HEAD (OPT LIM)		CONDUIT EXISTING
	SIGNAL HEAD (PEDESTRIAN)		CONDUIT TRENCHED
	SIGNAL HEAD (STANDARD)		SPAN WIRE
	CCTV CAMERA		MAST ARM - TYPE A BASE
	RADAR DETECTOR		MAST ARM - TYPE C BASE
	PUSH BUTTON DETECTOR		MAST ARM - TYPE F BASE
	PREFORMED PULL BOX TYPE 1		
	PREFORMED PULL BOX TYPE 2		
	CONCRETE PULL BOX TYPE 1		
	CONCRETE PULL BOX TYPE 2		
	ITS PULL BOX TYPE 2		
	ITS PULL BOX TYPE 5		
	RADAR DETECTION ZONE		

R	RED BALL
Y	YELLOW BALL
G	GREEN BALL
RL	RED LEFT ARROW
YL	YELLOW LEFT ARROW
FYL	FLASHING YELLOW LEFT ARROW
GL	GREEN LEFT ARROW
S	STRAIGHT GREEN ARROW
RR	RIGHT RED ARROW
YR	YELLOW RIGHT ARROW
GR	GREEN RIGHT ARROW

ALL 12" LENS WITH TUNNEL VISOR

- NOTES:
- 1.) ALL TRAFFIC SIGNAL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 902 (TRAFFIC SIGNALS), UNLESS OTHERWISE NOTED.
  - 2.) THE CONTRACTOR SHALL STAKE LOCATIONS WHERE POLES, BOXES, AND THE CONTROLLER ARE TO BE INSTALLED. STAKED LOCATIONS SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT OF EQUIPMENT. SERVICE BOXES AND CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.
  - 3.) CONDUITS UNDER ANY NEW PAVEMENT SHALL EITHER BE TRENCHED PRIOR TO PAVEMENT CONSTRUCTION OR BORED FOLLOWING PAVEMENT CONSTRUCTION. CONDUITS UNDER ANY EXISTING PAVEMENT, INCLUDING SIDEWALKS AND DRIVEWAYS, SHALL BE BORED WITHOUT DISTURBANCE TO THE EXISTING PAVEMENT.
  - 4.) CONDUIT, PULL BOXES, AND POLE BASES SHALL MAINTAIN AT LEAST 4' SETBACK FROM NEW GUARDRAIL OR CONCRETE BARRIER.
  - 5.) CONTROLLER CABINET DOOR MUST OPEN AWAY FROM INTERSECTION.
  - 6.) ALL PUSH BUTTONS MUST BE APS PUSH BUTTONS. PUSH BUTTONS SHALL COME WITH 6' EXTENSION ARMS, THESE EXTENSION SHALL BE SUBSIDIARY TO OTHER BID ITEMS.



ROUTE 7 & MAIN STREET

Jeremy Stretz 2026.03.25  
17:54:09-05'00"

3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 54
COUNTY BENTON	
JOB NO. JSR0110	
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)

**olsson**

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592







3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 57  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

POWER SUPPLY												
LOCATION			POWER SUPPLY ASSEMBLY		CIRCUIT BREAKER TRIP RATING*				LIGHTING CONTROL * (ON POWER SUPPLY)		SERVICE POLE	
APPROACH	STATION	OFFSET	DRAWING 902.15	DRAWING	CONTROLLER		POWER SUPPLY DISCONNECT		120 VOLT CONTROL CABINET	MAIN BREAKER	CONTRACT FURNISH	UTILITY COMPANY
					AUXILIARY BREAKER	CONT & SIGNAL LAMPS	MAIN BREAKER	SIGNALS				
ROUTE 7	148+21.70	103.1' LT.	Type	2	15 Amps	40 Amps	40 Amps	Amps		Amps	Cl. Ft.	
			Type		15 Amps	Amps	Amps	Amps		Amps	Cl. Ft.	

CONTROLLER ASSEMBLY AND AUXILIARY EQUIPMENT																							
LOCATION			SYSTEM MASTER (CLOSED LOOP)		ACTUATED		ON-OFF * SWITCH		COORDINATION INTERFACE *				NEMA CABINET TYPE *		170 CABINET TYPE *		2070 SOFTWARE *						
APPROACH	STATION	OFFSET	NEMA	170	NEMA	2070	TYPE		12C/7C HARDWARE (1)		TIME BASE	CLOSED LOOP		FIBER	TIME * CLOCK	NEMA CABINET TYPE *			170 CABINET TYPE *		2070 SOFTWARE *		
							I	II	MASTER	LOCAL		NEMA	170			E	EV	DOUBLE	332	336S	OMNI EX	WAPITI	
ROUTE 7	148+51.11	95.1' LT.				1																	

DETECTOR SCHEDULE						
DETECTOR NUMBER	APPROACH	TYPE				VIDEO
		APS PUSH BUTTON	INDUCTION LOOP (2)			
			STANDARD	DELAY / EXTEND *	CALL UNIT *	
41, 42		2				
TOTAL		2				

\* ITEMS FOR WHICH SEPARATE PAYMENT WILL NOT BE MADE.  
 \*\*\* USE D3-1 FOR ONE LINE. USE D3-1B FOR TWO LINE.  
 (1) MoDOT \*D\* PLUG SHALL BE WIRED INTO ALL NEMA CONTROLLERS WITH 7C HARDWARE INTERCONNECT.  
 (2) PAYMENT IS MADE FOR THE NUMBER OF 2-CHANNEL DETECTOR CARDS AS SHOWN BELOW THE ASSIGNMENT CHART.

SIGNAL SIGNS					
QUANTITY	MUTCD SIGN NUMBER	SIZE	AREA	SIGN TOTAL AREA	SIGNAL SIGN MOUNTING HARDWARE
				ITEM NO. 90208.33	ITEM NO. 90208.34
		INCHES	SQ. FT.	SQ. FT.	EA.
	R10-10L	24 X 30	5.0		
	R10-10R	24 X 30	5.0		
	R3-5L	30 X 36	7.5		
	R3-5R	30 X 36	7.5		
	R3-5A	30 X 36	7.5		
	R3-6L	30 X 36	7.5		
	R3-6R	30 X 36	7.5		
	R3-2	24 X 24	4.0		
	R3-1	24 X 24	4.0		
	R3-3	24 X 24	4.0		
2	D3-1 ***	96 X 18	12.00	24.00	2
	D3-1B ***	VAR. X 18			
1	R10-3E(R)	9 X 15	0.94	-	-
1	R10-3E(L)	9 X 15	0.94	-	-
	R10-11A	24 X 30	5.0		
	R10-13	36 X 24	6.0		
2	R10-23	30 X 36	7.50	15.00	2
2	R10-23a	30 X 36	7.50	15.00	2
	R10-27A	30 X 36	7.5		
SUBTOTAL				54.00	6
TOTAL				54.00	6

2070 INPUT FILE ASSIGNMENTS														
CHANNEL	1	2	3	4	5	6	7	8	9	10	11	12	13	14
"I"	U													FLASH SENSE
	L											-41		STOP TIME
"J"	U													
	L													

TOTAL NUMBER OF 242 DC ISOLATORS(2-CHANNEL) = 2 (2)

2070 OUTPUT FILE ASSIGNMENTS						
FR1		-R	--		-DW	MONITOR
FR2		-Y	--		-W	
FR3		--	--			
FR4						

ROUTE 7 AND MAIN STREET INTERSECTION

D-37C  
 SIGNAL PLAN SHEET 4 OF 6

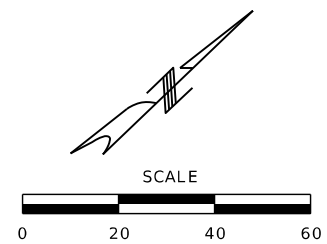
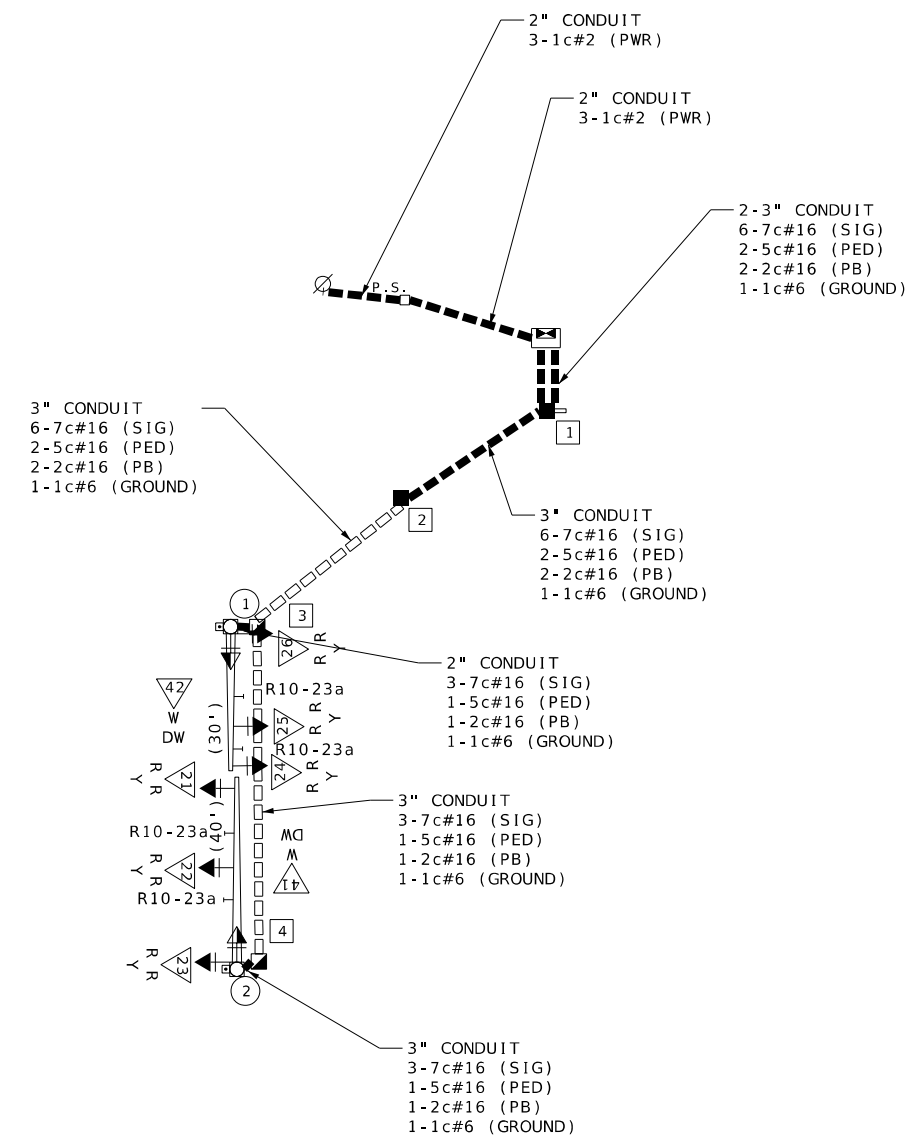
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

**Olsson**  
 PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592

2026.03.25  
Jeremy Stretz 17:54:23-05'00"

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

### WIRING DIAGRAM



### LEGEND

- 3"** CONDUIT CONTAINING CABLE WITH SIZE
- CABLE
- X-XC MULTI-CONDUCTOR CABLE #16 AWG (UNLESS OTHERWISE INDICATED)
- LIC #14 AWG DETECTOR LEAD-IN CABLE (2C TWISTED SHIELDED)
- X PULL BOX WITH NUMBER
- (X) POST WITH NUMBER
- (X) POST WITH MAST ARM
- (X) POST WITH MAST ARM AND LUMINAIRE
- X DETECTOR WITH NUMBER
- X SIGNAL HEAD WITH NUMBER
- X SIGNAL CONTROLLER
- ⊗ POWER SUPPLY
- ⊗ LIGHTING CONTROLLER

ROUTE 7 AND MAIN STREET  
INTERSECTION

3/25/2026

ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 58
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

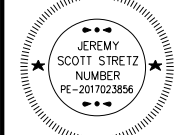
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

D-37D  
SIGNAL PLAN  
SHEET 5 OF 6



Jeremy Stretz 2026.03.25  
17:54:27-05'00"



JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026

ROUTE 7	STATE MO
------------	-------------

DISTRICT SW	SHEET NO. 60
----------------	-----------------

COUNTY  
BENTON

JOB NO.  
JSR0110

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

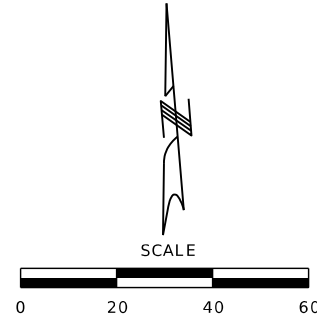
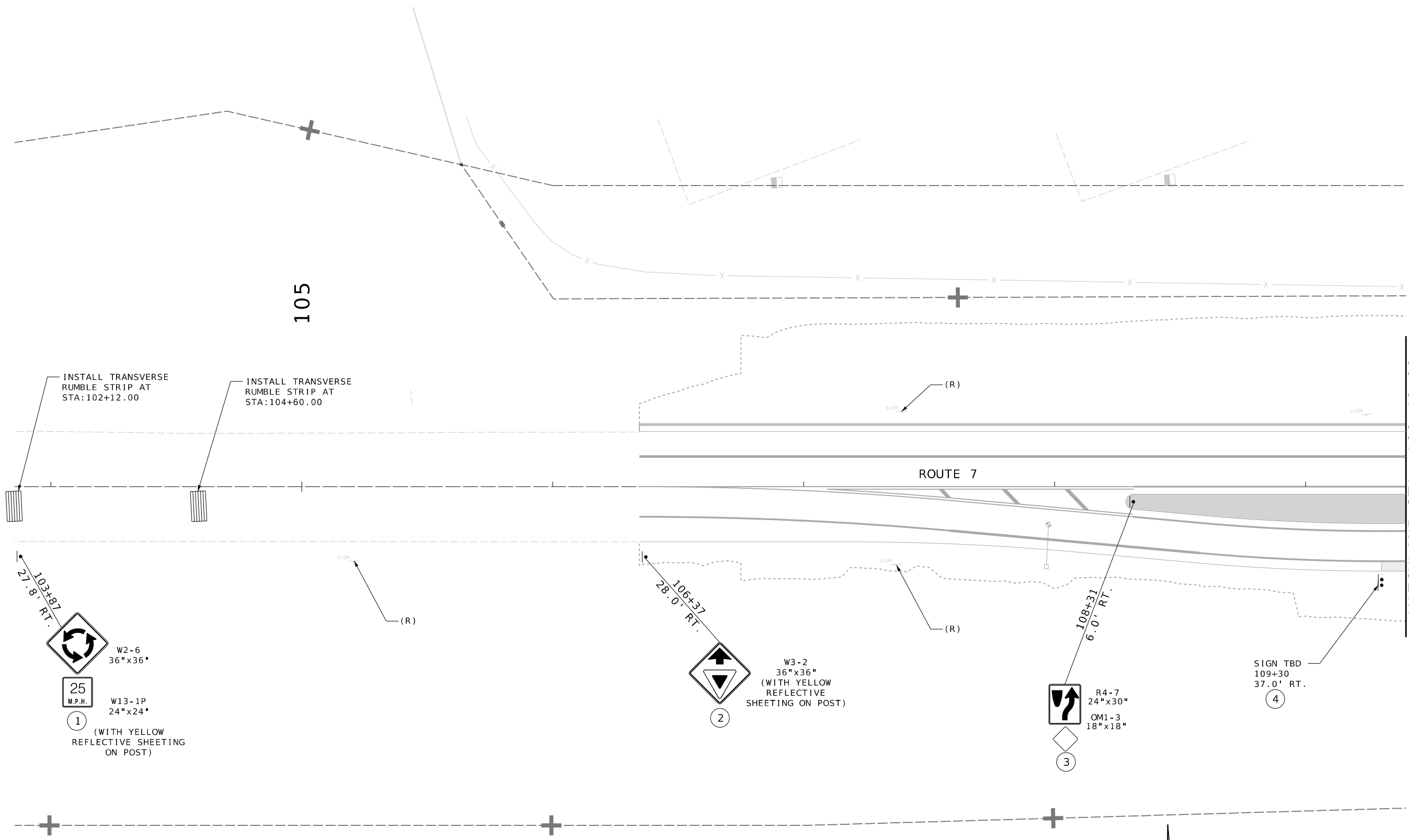
MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

MoDOT

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

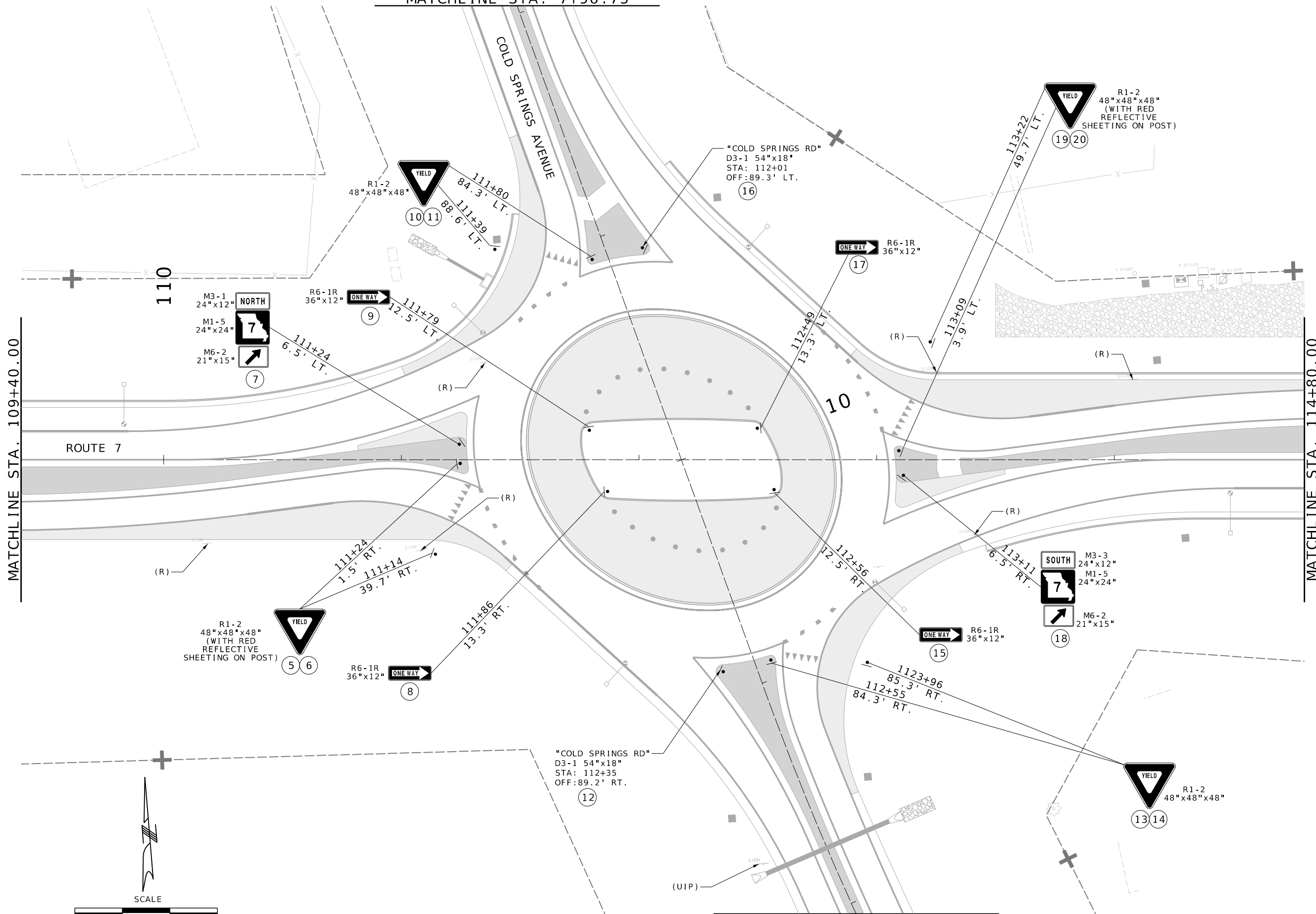
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SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592



SIGNING PLAN  
SHEET 1 OF 16

MATCHLINE STA. 7+96.75



2026.03.25  
Jeremy Stretz 17:54:31-05'00"



JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026

ROUTE	STATE
7	MO
DISTRICT	SHEET NO.
SW	61
COUNTY	
BENTON	
JOB NO.	
JSR0110	
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)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

SIGNING PLAN  
SHEET 2 OF 16

MATCHLINE STA. 12+04.86

\*THESE DISTANCES MAY BE DECREASED IF NECESSARY BASED ON FIELD CONDITIONS.

MATCHLINE STA. 114+80.00

SIGN TBD  
\*MOUNT AT 7' ABOVE GRADE  
STA: 114+92  
OFF: 47.8' LT.

(21)

W3-2  
36"x36"  
(WITH YELLOW  
REFLECTIVE  
SHEETING ON POST)  
\*MOUNT AT 7' ABOVE  
GRADE

(23)

W2-6  
36"x36"



W13-1P  
24"x24"

25  
M.P.H.

(24)

(WITH YELLOW  
REFLECTIVE SHEETING  
ON POST)

120

120+50  
37.4' LT.

ROUTE 7

INSTALL TRANSVERSE  
RUMBLE STRIP AT  
STA: 119+75.00

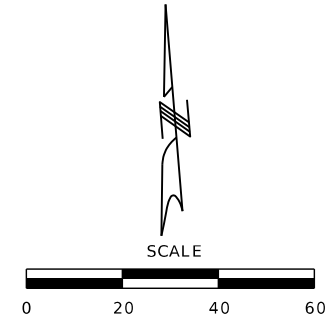
INSTALL TRANSVERSE  
RUMBLE STRIP AT  
STA: 122+90.00

116+04  
6.0' LT.

R4-7  
24"x30"

OM1-3  
18"x18"

(22)



Jeremy Stretz 2026.03.25  
17:54:34-05'00"

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026

ROUTE	STATE
7	MO
DISTRICT	SHEET NO.
SW	62
COUNTY	
BENTON	
JOB NO.	
JSR0110	
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)

PH: 417.890.8802  
550 S.L. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

SIGNING PLAN  
SHEET 3 OF 16

Jeremy Stretz 2026.03.25  
17:54:36-05'00'


JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026


ROUTE	STATE
7	MO
DISTRICT	SHEET NO.
SW	63
COUNTY	
BENTON	
JOB NO.	
JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

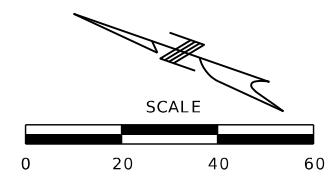
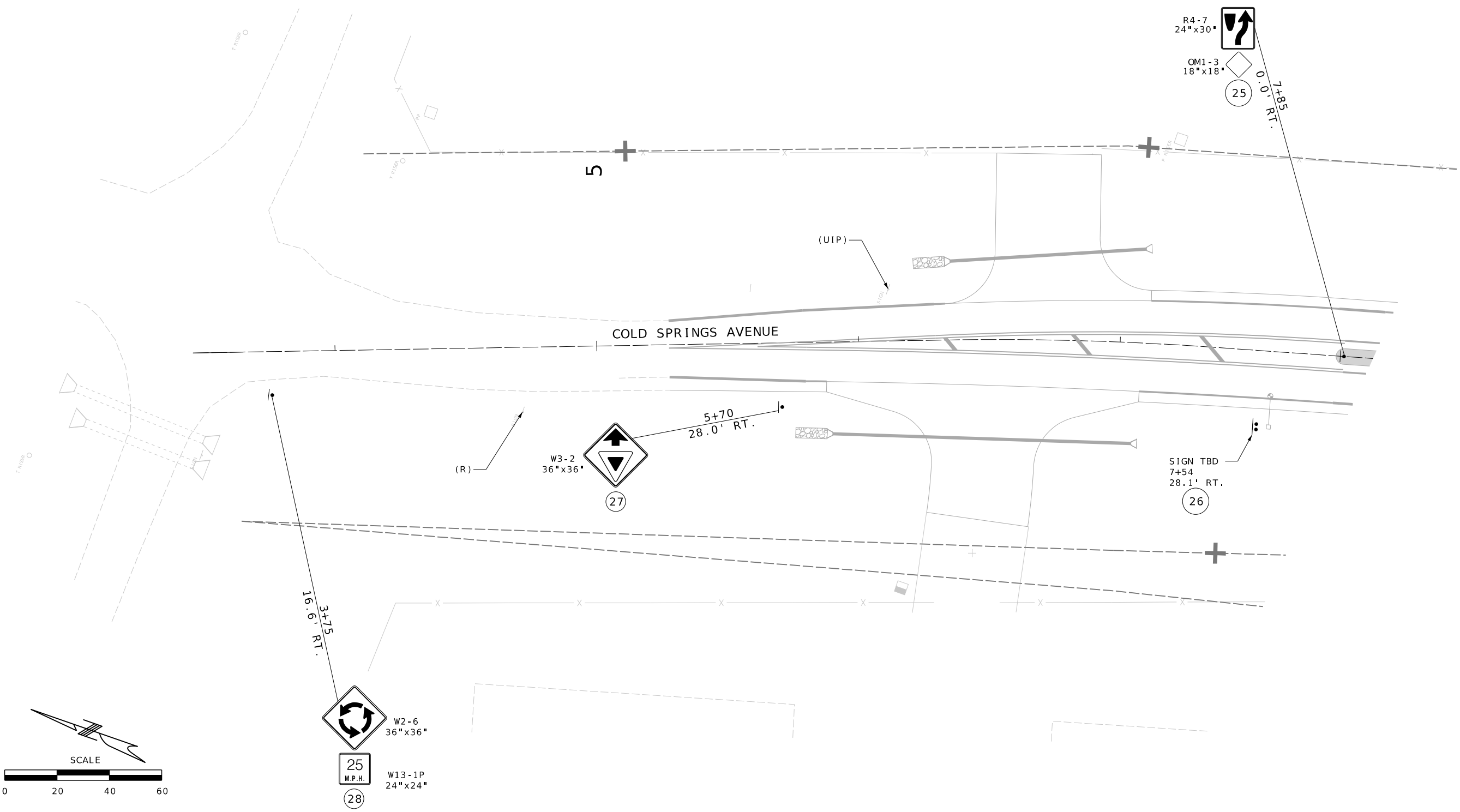


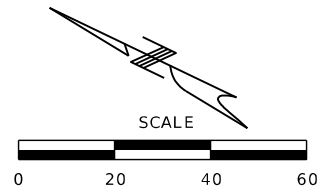
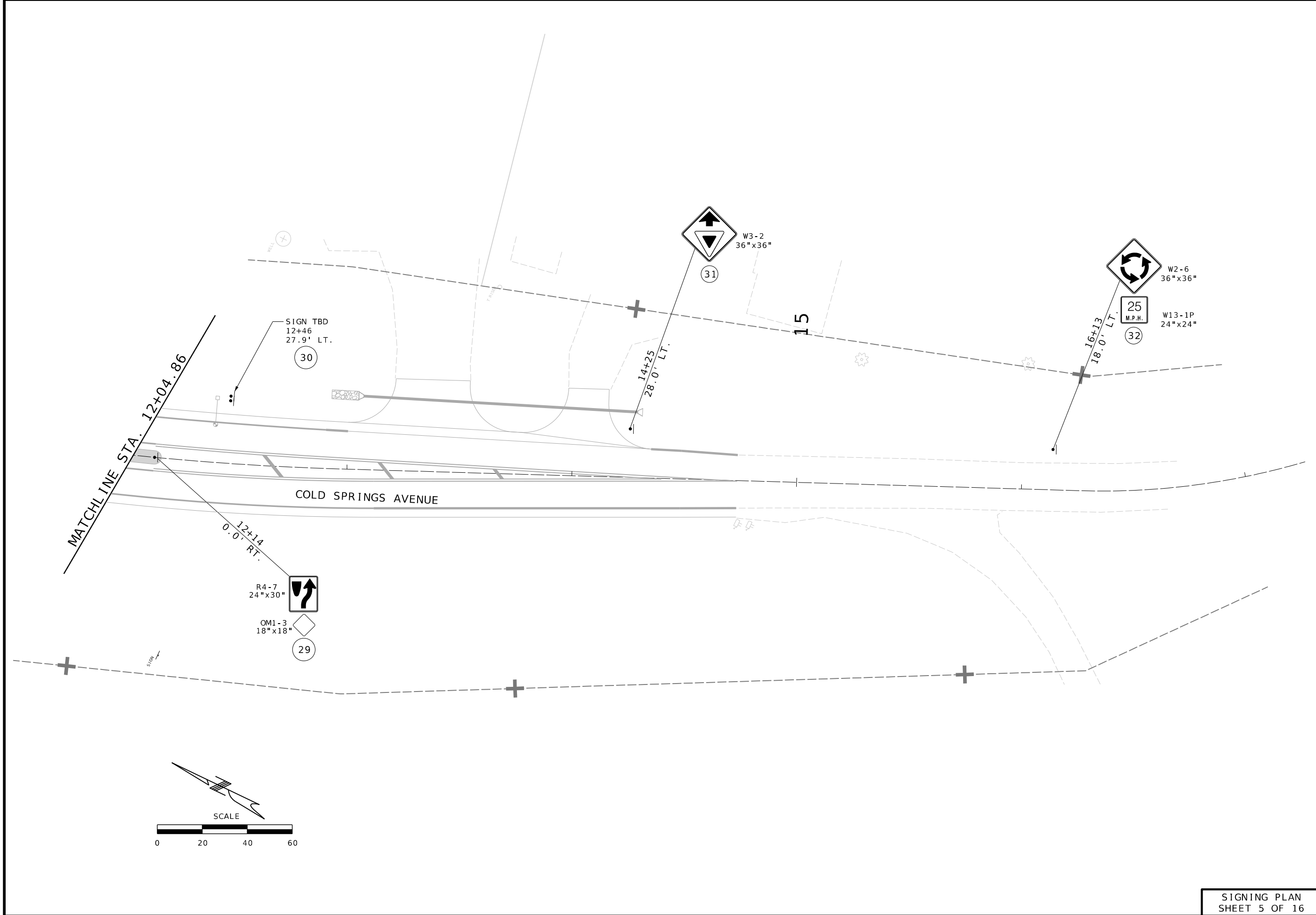
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)



PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

SIGNING PLAN  
SHEET 4 OF 16





Jeremy Stretz 2026.03.25  
17:54:38-05'00"

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026

ROUTE	STATE
7	MO
DISTRICT	SHEET NO.
SW	64
COUNTY	
BENTON	
JOB NO.	
JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

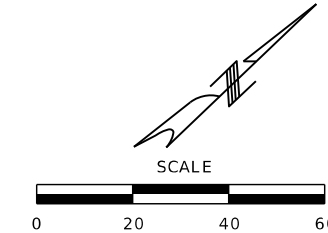
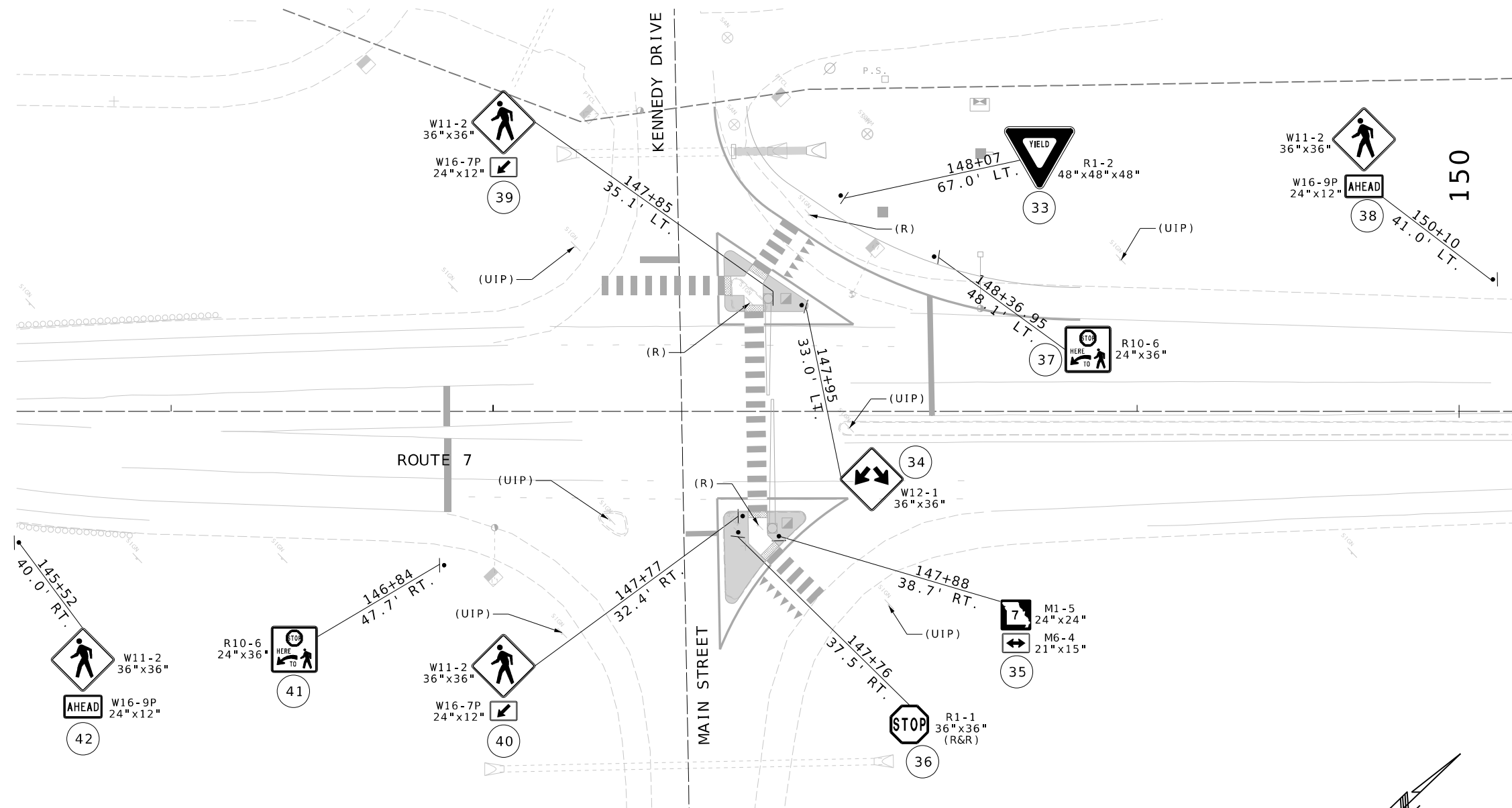
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

SIGNING PLAN  
SHEET 5 OF 16



Jeremy Stretz 2026.03.25  
17:54:40-05'00"

JEREMY  
SCOTT STRETZ  
NUMBER  
PE-2017023856


JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026

ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 65
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION



1-888-ASK-MODOT (1-888-275-6636)

105 WEST CAPITOL  
JEFFERSON CITY, MO 65102

olsson

PH: 417.890.8802  
 550 ST. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF  
 AUTHORITY NO. 001592

SIGNING PLAN  
SHEET 6 OF 16



TRIM BACK FOLIAGE

INSTALL DOUBLE YELLOW CENTER LINE THROUGH INTERSECTION

CEADRA GRAVE AVE



W1-10



W7-6

REMOVE AND REPLACE EXISTING W2-2 WITH NEW W1-10 AND W7-6 SIGN



W1-8

INSTALL NEW CHEVRONS WITH REFLECTIVE POST SHIELDS AROUND CURVE (4 - APPROX. 160' SPACING)



SCALE



Jeremy Stretz 2026.03.25  
17:54:44-05'00'

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 66
COUNTY BENTON	
JOB NO. JSR0110	
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)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

SIGNING PLAN  
SHEET 7 OF 16



INSTALL REFLECTIVE POST SHIELDS TO EXISTING CHEVRONS



W2-2  
INSTALL NEW W2-2 SOUTHBOUND (MIN. 495' ADVANCE OF INTERSECTION)



W2-5  
INSTALL NEW W2-5 NORTHBOUND (MIN. 495' ADVANCE OF INTERSECTION)



SCALE



Jeremy Stretz 2026.03.25  
17:54:48-05'00"

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 67
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

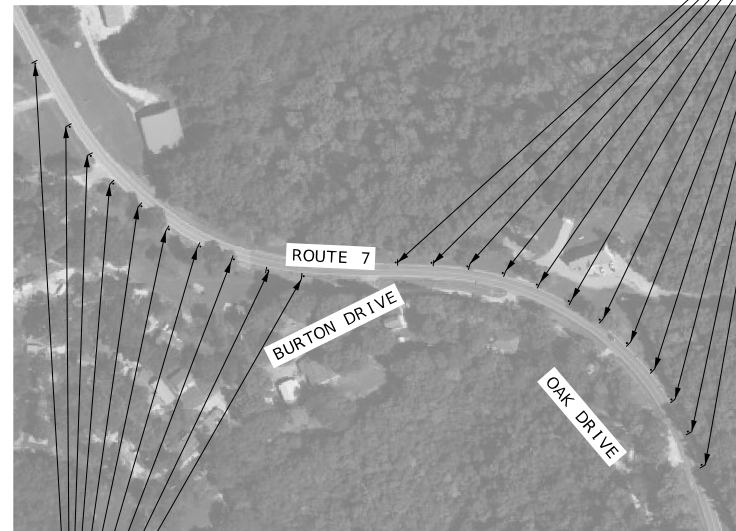
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

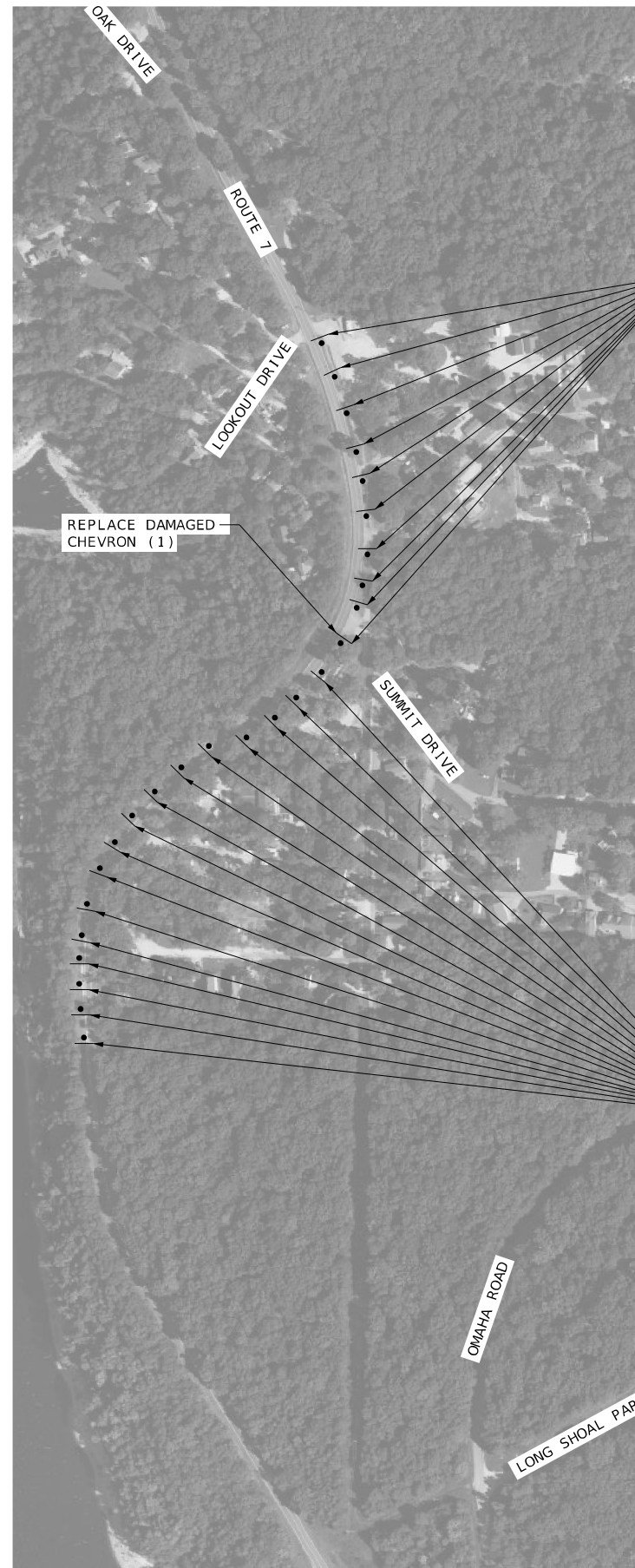
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

SIGNING PLAN  
SHEET 8 OF 16



INSTALL REFLECTIVE POST SHIELDS TO EXISTING CHEVRONS

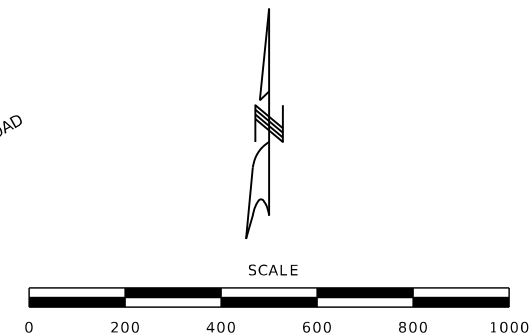
INSTALL REFLECTIVE POST SHIELDS TO EXISTING CHEVRONS



REPLACE DAMAGED CHEVRON (1)

INSTALL REFLECTIVE POST SHIELDS TO EXISTING CHEVRONS

INSTALL REFLECTIVE POST SHIELDS TO EXISTING CHEVRONS



2026.03.25  
Jeremy Stretz 17:54:52-05'00"

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 68
COUNTY BENTON	
JOB NO. JSR0110	
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)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

SIGNING PLAN  
SHEET 9 OF 16



MATCHLINE A



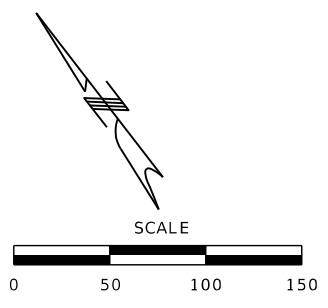
W1-8  
INSTALL REFLECTIVE POST SHIELDS TO EXISTING CHEVRONS



MATCHLINE A



W1-8  
INSTALL REFLECTIVE POST SHIELDS TO EXISTING CHEVRONS



Jeremy Stretz 2026.03.25  
17:54:57-05'00"

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 69
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

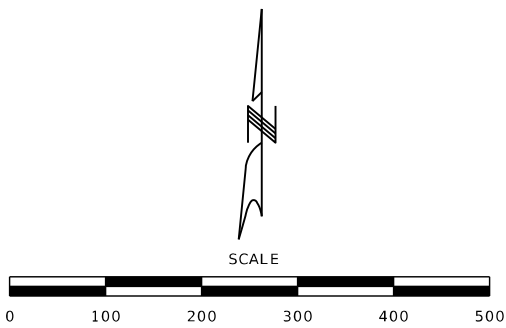
105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

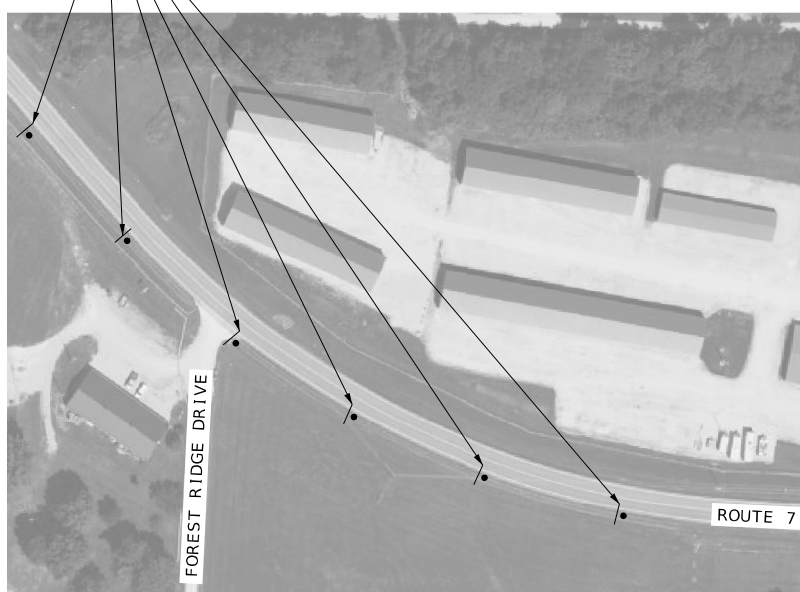
SIGNING PLAN  
SHEET 10 OF 16



INSTALL NEW CHEVRONS WITH REFLECTIVE POST SHIELDS AROUND CURVE (8 - APPROX 160' SPACING)



INSTALL NEW CHEVRONS WITH REFLECTIVE POST SHIELDS AROUND CURVE (6 - APPROX. 160' SPACING)



Jeremy Stretz 2026.03.25  
17:55:03-05'00"

JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 70
COUNTY BENTON	
JOB NO. JSR0110	
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)

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

SIGNING PLAN SHEET 11 OF 16



3/25/2026

ROUTE 7 STATE MO

DISTRICT SW SHEET NO. 71

COUNTY BENTON

JOB NO. JSR0110

CONTRACT ID.

PROJECT NO.

BRIDGE NO.




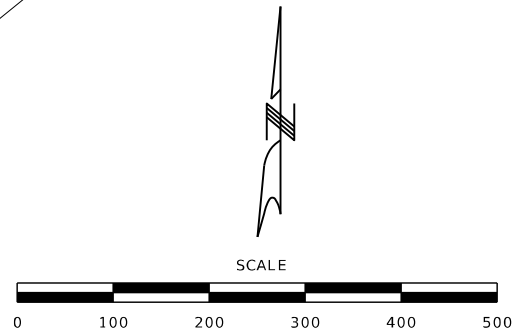
350TH ROAD

ROUTE 7

1101ST ROAD

  
W1-8  
INSTALL NEW CHEVRONS WITH REFLECTIVE POST SHIELD AROUND CURVE (6 - APPROX 160' SPACING)

  
W3-5  
INSTALL W3-5 REDUCE SPEED AHEAD SIGN 350' AHEAD OF SPEED LIMIT SIGN



DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

SIGNING PLAN  
SHEET 12 OF 16


Jeremy Stretz 2026.03.25  
17:55:10-05'00"



JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026  
ROUTE 7 STATE MO  
DISTRICT SW SHEET NO. 72  
COUNTY BENTON  
JOB NO. JSR0110  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

DATE	DESCRIPTION

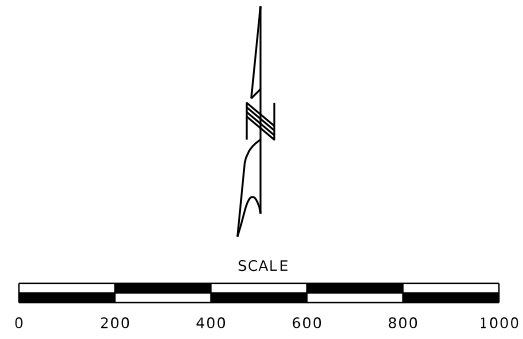
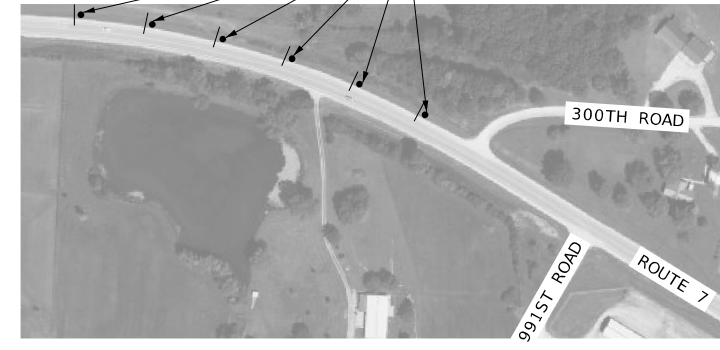
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

**olsson**  
 PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF  
 AUTHORITY NO. 001592

REPLACE DAMAGED CHEVRON SIGNS (2)



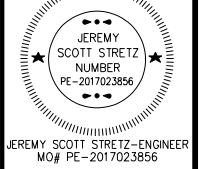
INSTALL NEW CHEVRONS WITH REFLECTIVE POST SHIELD AROUND CURVE (6 - APPROX. 160' SPACING)



SIGNING PLAN  
SHEET 13 OF 16







JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023856

3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 75
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

SIGN SUMMARY						
STANDARD SIGN OR SPECIAL SIGN NO.	SIGN DETAIL	NO. EACH	SIZE, TYPE & SQUARE FEET			
			SIZE	FLAT SHEET SH	FLAT SHEET SH-F	STRUCTURAL ST
	SHEET NO.			ITEM NO. 9035004A	ITEM NO. 9035069A	ITEM NO. 9035011A
R1-1	STD.	1	36"X36"	9.0		
R1-2	STD.	9	48"X48"X48"	62.4		
R3-2	STD.	1	36"X36"	9.0		
R4-7	STD.	4	24"X30"	20.0		
R6-1R	STD.	4	36"X12"	12.0		
R10-6	STD.	2	30"X24"	10.0		
W1-8	STD.	33	18"X24"		99.0	
W1-10	STD.	1	36"X36"		9.0	
W2-2	STD.	1	30"X30"		6.3	
W2-5	STD.	1	30"X30"		6.3	
W2-6	STD.	4	24"X36"		24.0	
W3-2	STD.	3	36"X36"		27.0	
W3-5	STD.	1	36"X36"		9.0	
W7-6	STD.	1	36"X36"		9.0	
W11-2	STD.	4	36"X36"		36.0	
W13-1P	STD.	4	36"X36"		36.0	
W16-7P	STD.	2	24"X24"		8.0	
W16-9P	STD.	2	24"X12"		4.0	
M1-5	STD.	3	24"X12"	6.0		
M3-1	STD.	1	24"X12"	2.0		
M3-3	STD.	1	24"X24"	4.0		
M6-2	STD.	2	24"X12"	4.0		
M6-4	STD.	1	21"X15"	2.2		
OM1-3	STD.	4	18"X18"	9.0		
REFLECTIVE POST	STD.	114	6"X84"		399.0	
TBD	VAR.	6	TBD			54.0
<b>SUBTOTAL</b>				<b>140.6</b>	<b>672.6</b>	<b>54.0</b>
<b>TOTAL</b>				<b>141</b>	<b>673</b>	<b>54</b>

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION  
COMMISSION

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

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

SIGNING PLAN  
SHEET 16 OF 16




JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023826

3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 76
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

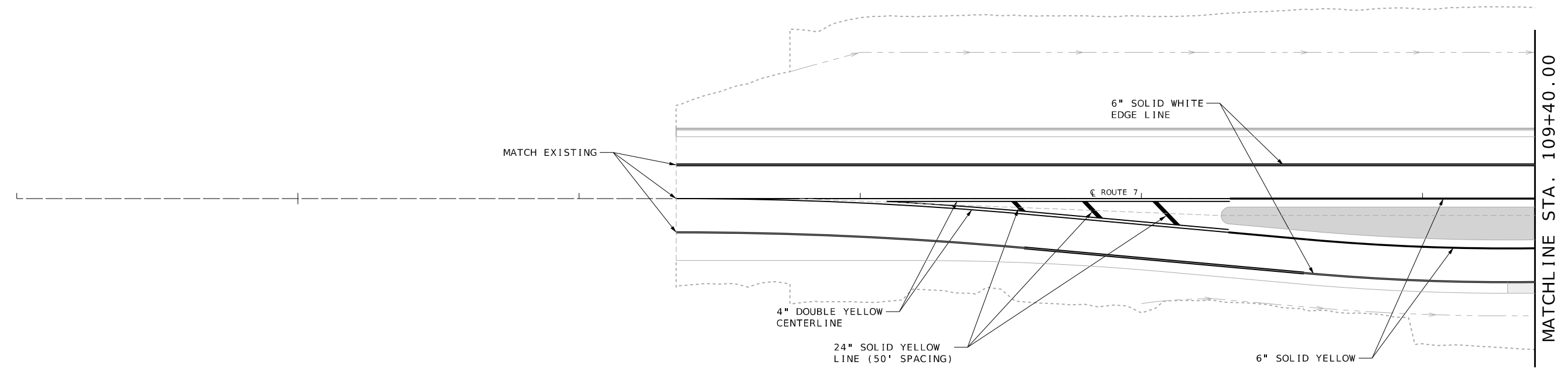
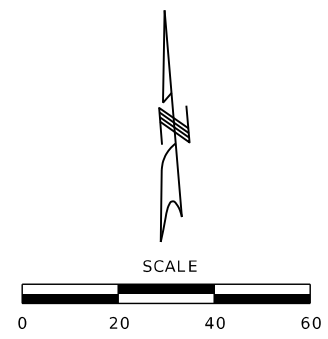
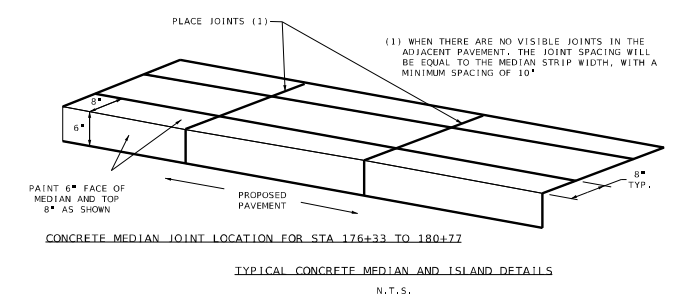
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

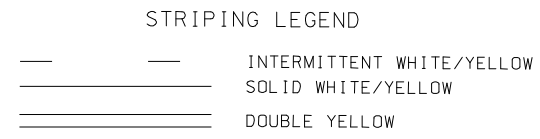


105 WEST CAPITOL  
JEFFERSON CITY, MO 65102  
1-888-ASK-MODOT (1-888-275-6636)

**olsson**  
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592



- NOTES:
1. SEE STANDARD PLAN 620.00 FOR PAVEMENT MARKING DETAILS.
  2. THE CONTRACTOR SHALL REPLACE ALL DISTURBED PAVEMENT MARKINGS AS DIRECTED BY ENGINEER.
  3. SEE TYPICAL SECTION SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS NOT SHOWN
  4. INTERMITTENT WHITE/YELLOW MARKINGS ARE 10' LONG WITH 30' SKIPS.



MATCHLINE STA. 7+96.75

NOTES:

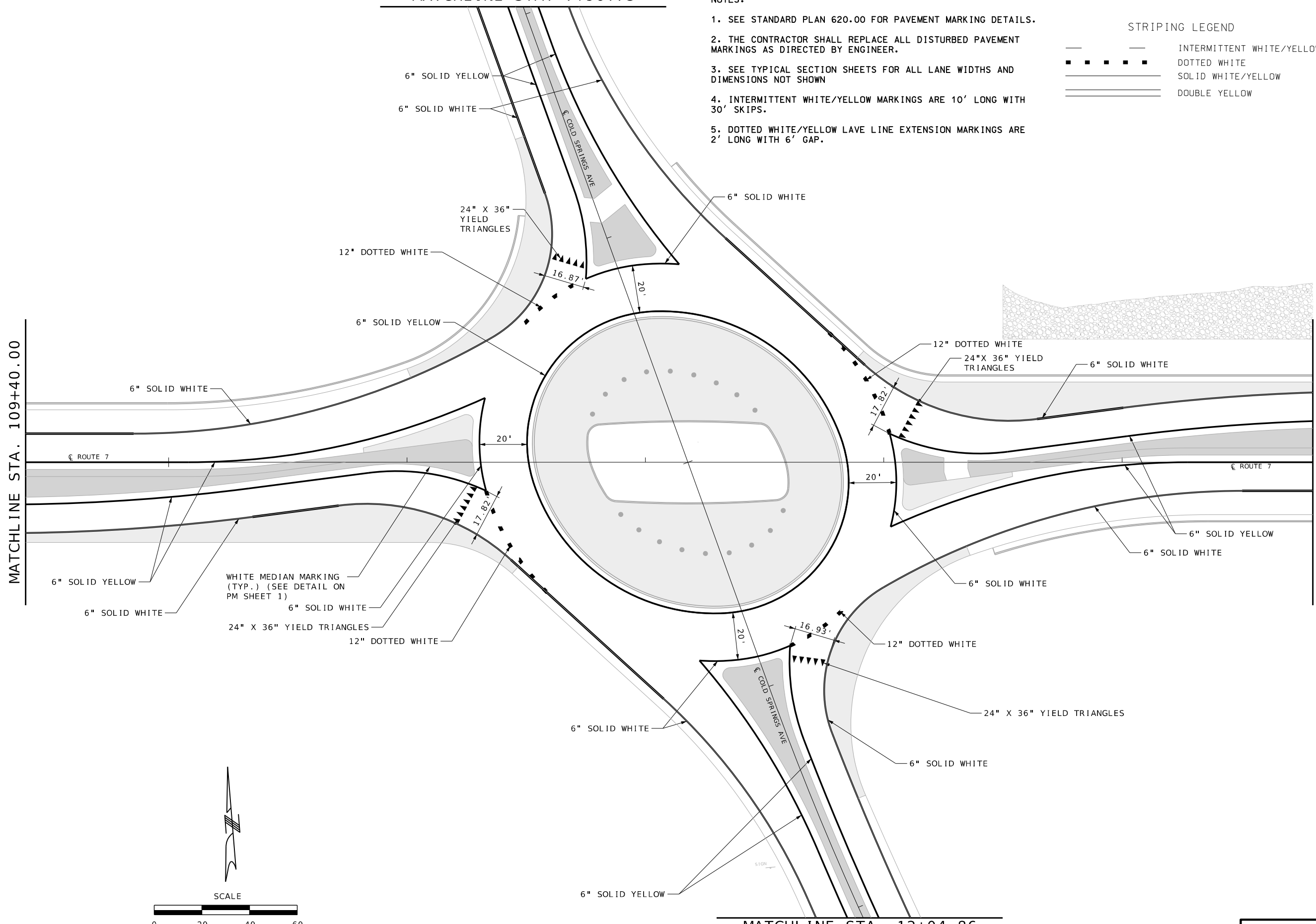
1. SEE STANDARD PLAN 620.00 FOR PAVEMENT MARKING DETAILS.
2. THE CONTRACTOR SHALL REPLACE ALL DISTURBED PAVEMENT MARKINGS AS DIRECTED BY ENGINEER.
3. SEE TYPICAL SECTION SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS NOT SHOWN
4. INTERMITTENT WHITE/YELLOW MARKINGS ARE 10' LONG WITH 30' SKIPS.
5. DOTTED WHITE/YELLOW LAVE LINE EXTENSION MARKINGS ARE 2' LONG WITH 6' GAP.

STRIPING LEGEND

- INTERMITTENT WHITE/YELLOW
- DOTTED WHITE
- SOLID WHITE/YELLOW
- == DOUBLE YELLOW

MATCHLINE STA. 109+40.00

MATCHLINE STA. 114+80.00

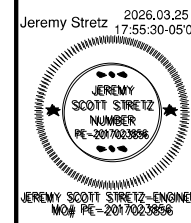


SCALE



MATCHLINE STA. 12+04.86

PAVEMENT MARKING  
SHEET 2 OF 6



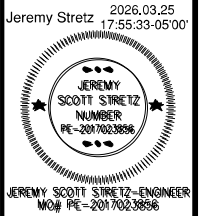
3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 77
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

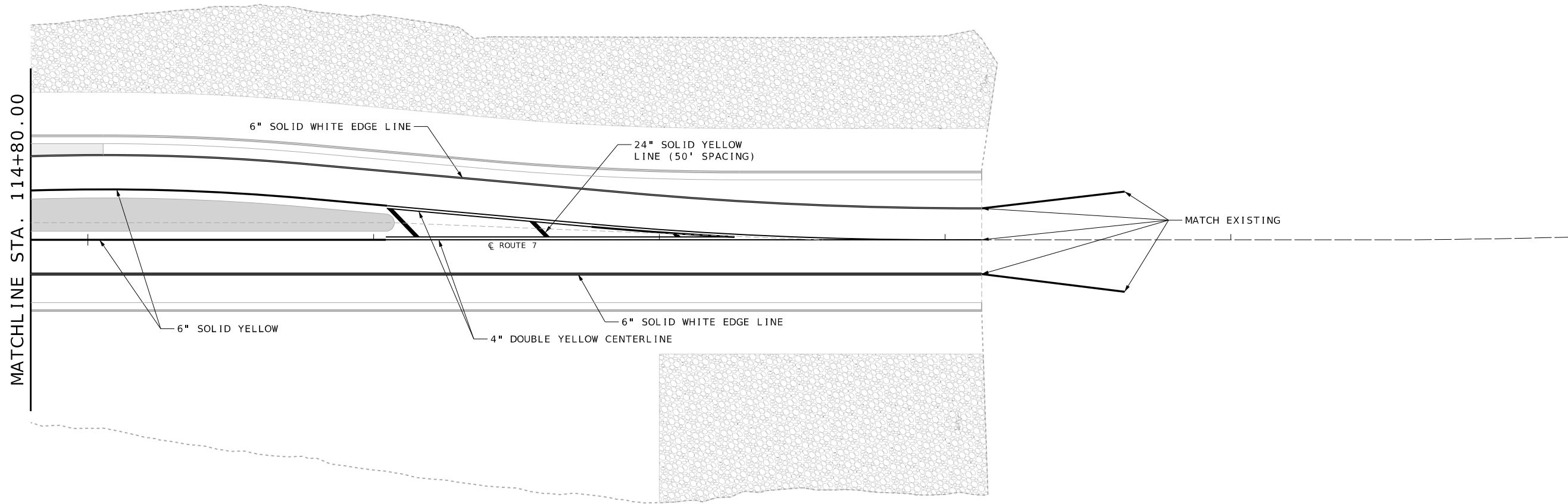
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

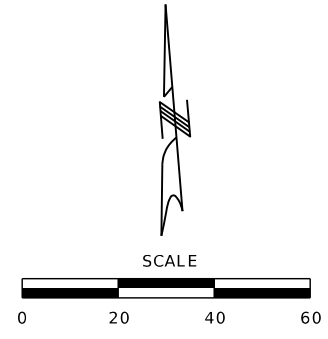


3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 78  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

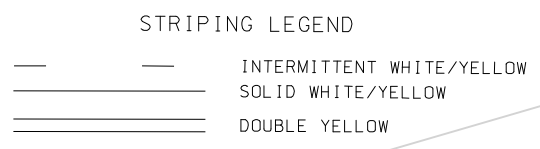


DATE	DESCRIPTION

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



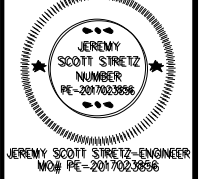
- NOTES:
1. SEE STANDARD PLAN 620.00 FOR PAVEMENT MARKING DETAILS.
  2. THE CONTRACTOR SHALL REPLACE ALL DISTURBED PAVEMENT MARKINGS AS DIRECTED BY ENGINEER.
  3. SEE TYPICAL SECTION SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS NOT SHOWN
  4. INTERMITTENT WHITE/YELLOW MARKINGS ARE 10' LONG WITH 30' SKIPS.



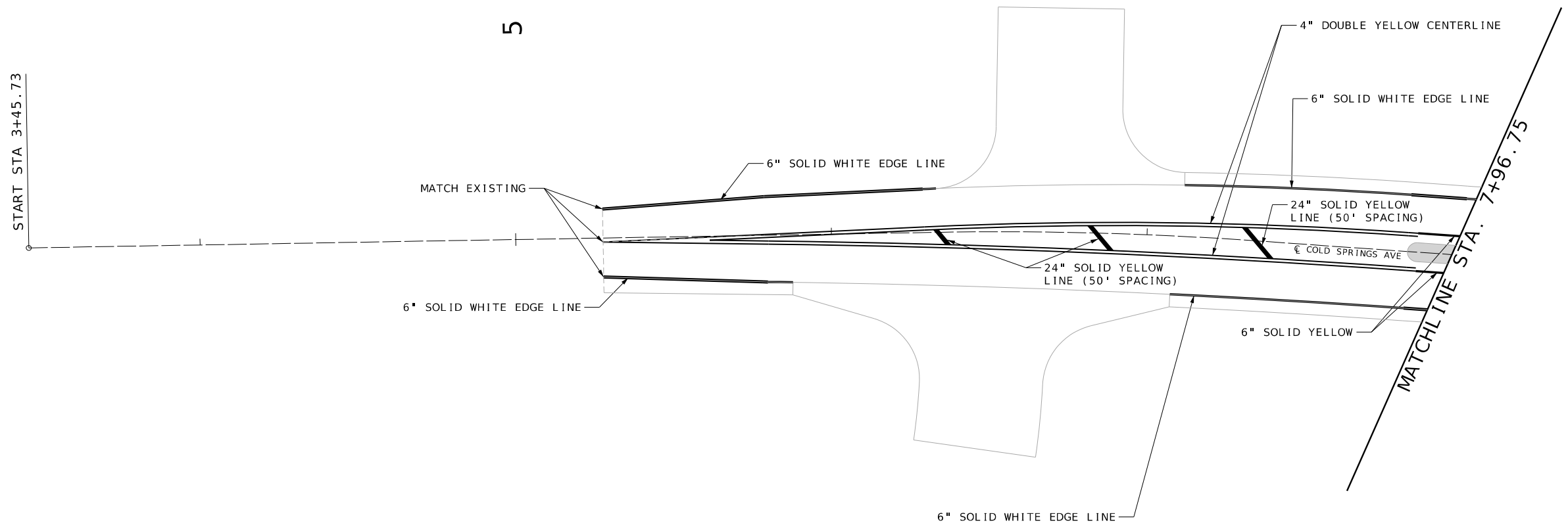
**olsson**  
 PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592

PAVEMENT MARKING  
 SHEET 3 OF 6

Jeremy Stretz 2026.03.25  
17:55:35-05'00"



3/25/2026  
ROUTE 7 STATE MO  
DISTRICT SW SHEET NO. 79  
COUNTY BENTON  
JOB NO. JSR0110  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.



NOTES:

1. SEE STANDARD PLAN 620.00 FOR PAVEMENT MARKING DETAILS.
2. THE CONTRACTOR SHALL REPLACE ALL DISTURBED PAVEMENT MARKINGS AS DIRECTED BY ENGINEER.
3. SEE TYPICAL SECTION SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS NOT SHOWN
4. INTERMITTENT WHITE/YELLOW MARKINGS ARE 10' LONG WITH 30' SKIPS.

STRIPING LEGEND

- — INTERMITTENT WHITE/YELLOW
- SOLID WHITE/YELLOW
- ==== DOUBLE YELLOW

DATE	DESCRIPTION

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

**olsson**  
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF AUTHORITY NO. 001592

PAVEMENT MARKING  
SHEET 4 OF 6

Jeremy Stretz 2026.03.25  
17:55:37-05'00"



JEREMY SCOTT STRETZ-ENGINEER  
MO# PE-2017023826

3/25/2026

ROUTE STATE  
7 MO

DISTRICT SHEET NO.  
SW 80

COUNTY

BENTON

JOB NO.

JSR0110

CONTRACT ID.

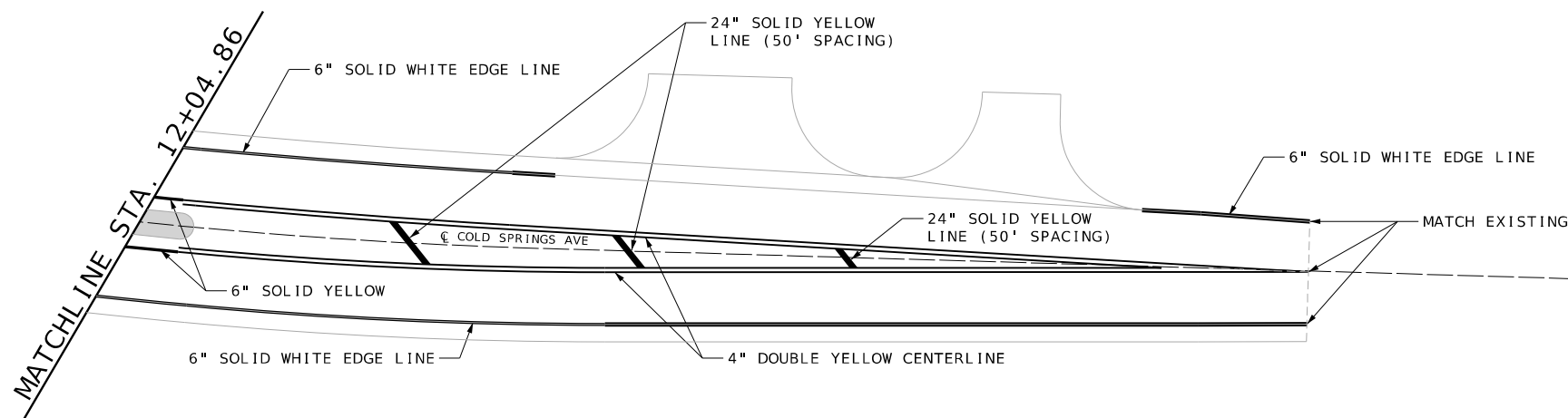
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

**olsson**  
PH: 417.890.8802  
550 S. LOUIS STREET  
SPRINGFIELD, MO 65806  
CERTIFICATE OF  
AUTHORITY NO. 001592

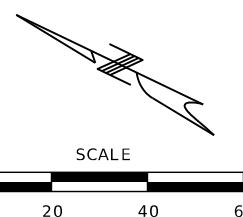


**NOTES:**

1. SEE STANDARD PLAN 620.00 FOR PAVEMENT MARKING DETAILS.
2. THE CONTRACTOR SHALL REPLACE ALL DISTURBED PAVEMENT MARKINGS AS DIRECTED BY ENGINEER.
3. SEE TYPICAL SECTION SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS NOT SHOWN
4. INTERMITTENT WHITE/YELLOW MARKINGS ARE 10' LONG WITH 30' SKIPS.

**STRIPING LEGEND**

- — INTERMITTENT WHITE/YELLOW
- ===== SOLID WHITE/YELLOW
- ===== DOUBLE YELLOW



PAVEMENT MARKING  
SHEET 5 OF 6



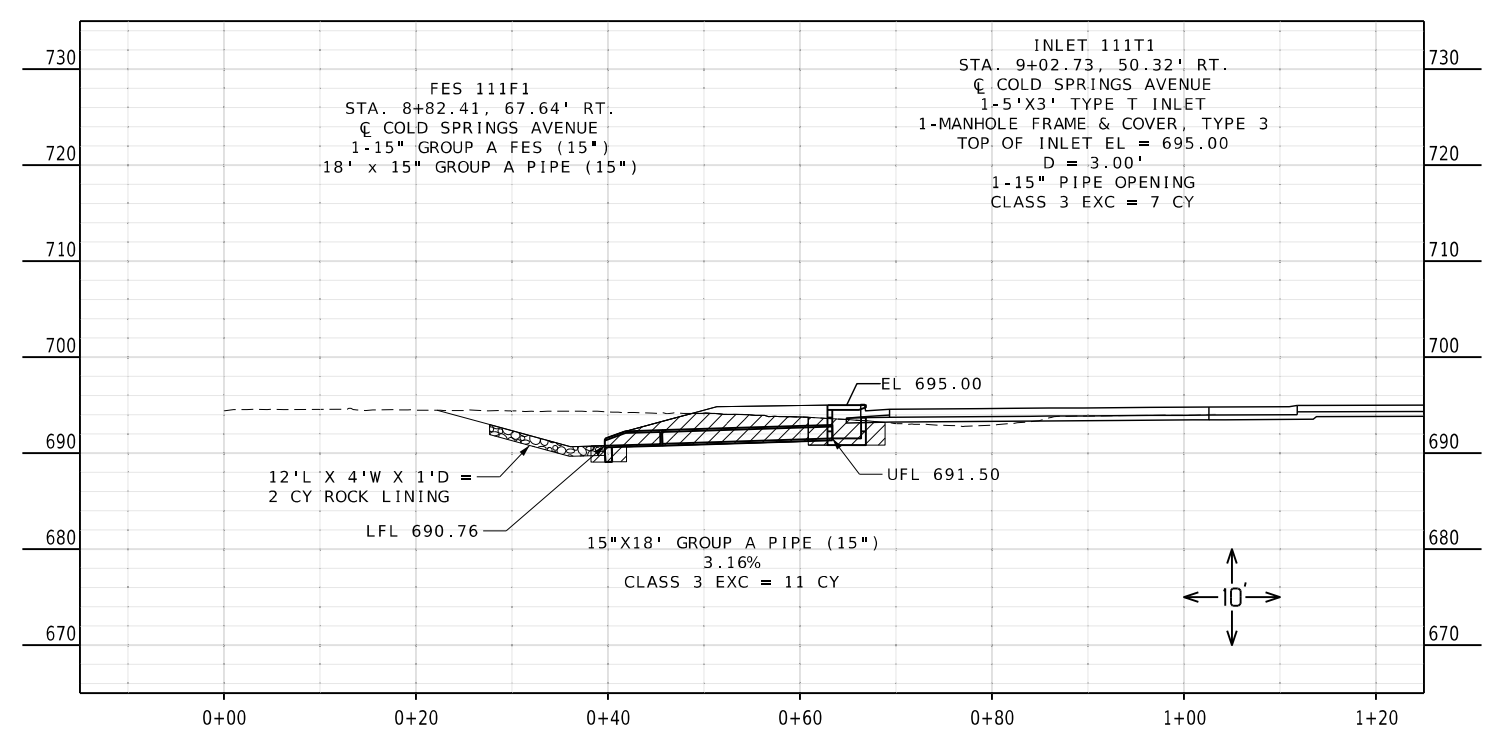
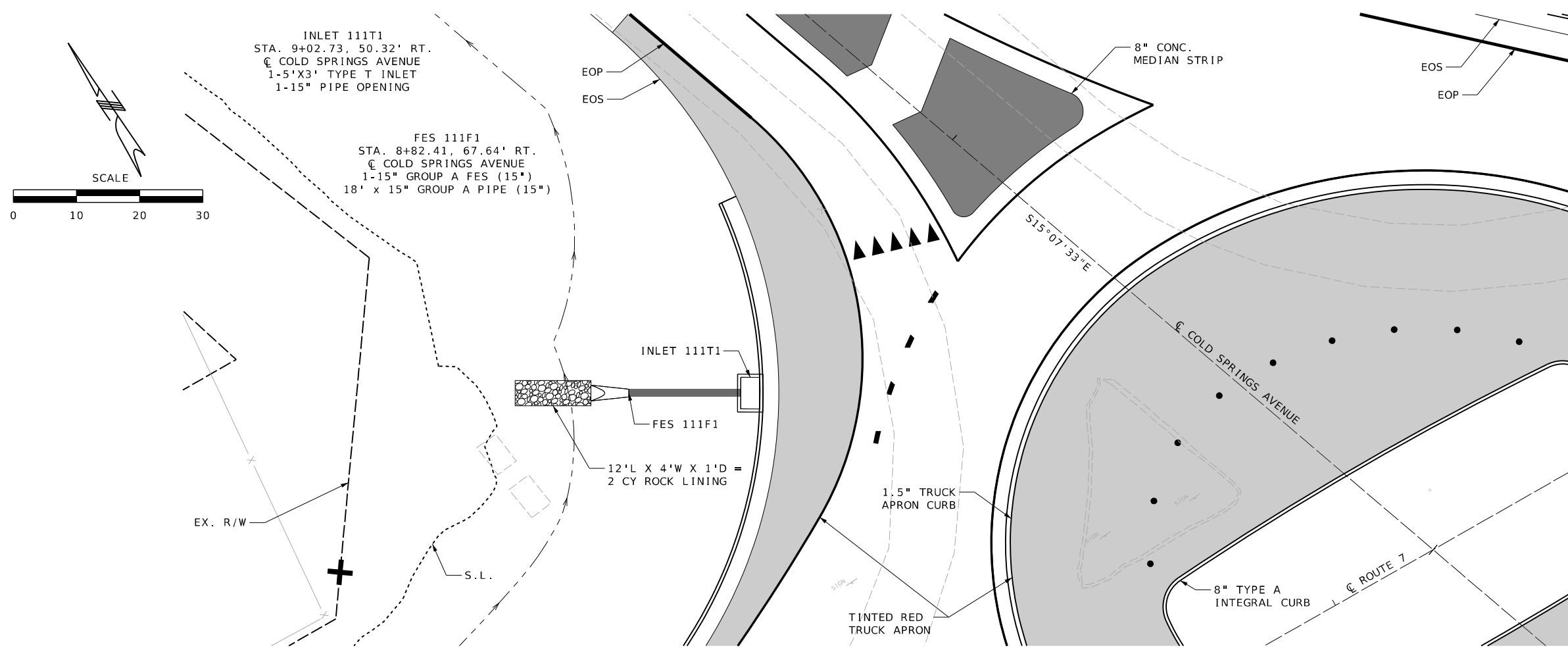


3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 82  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

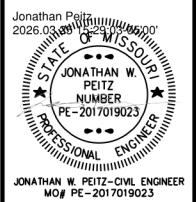
DATE	DESCRIPTION

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

**olsson**  
 PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592



CULVERT SECTION  
 SHEET 1 OF 10

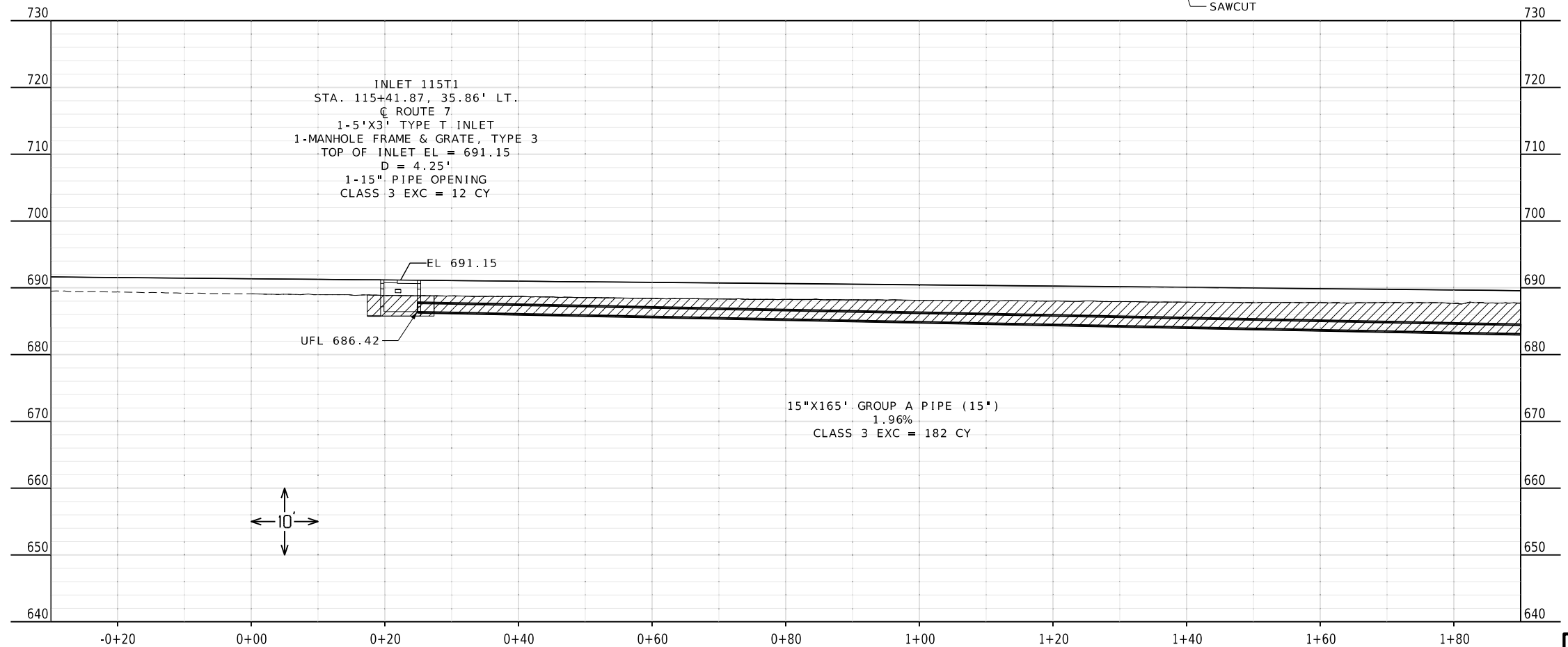
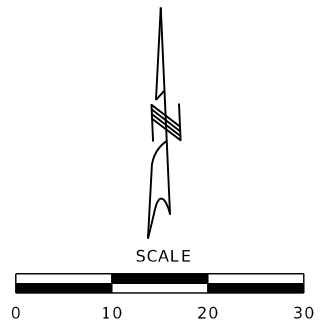
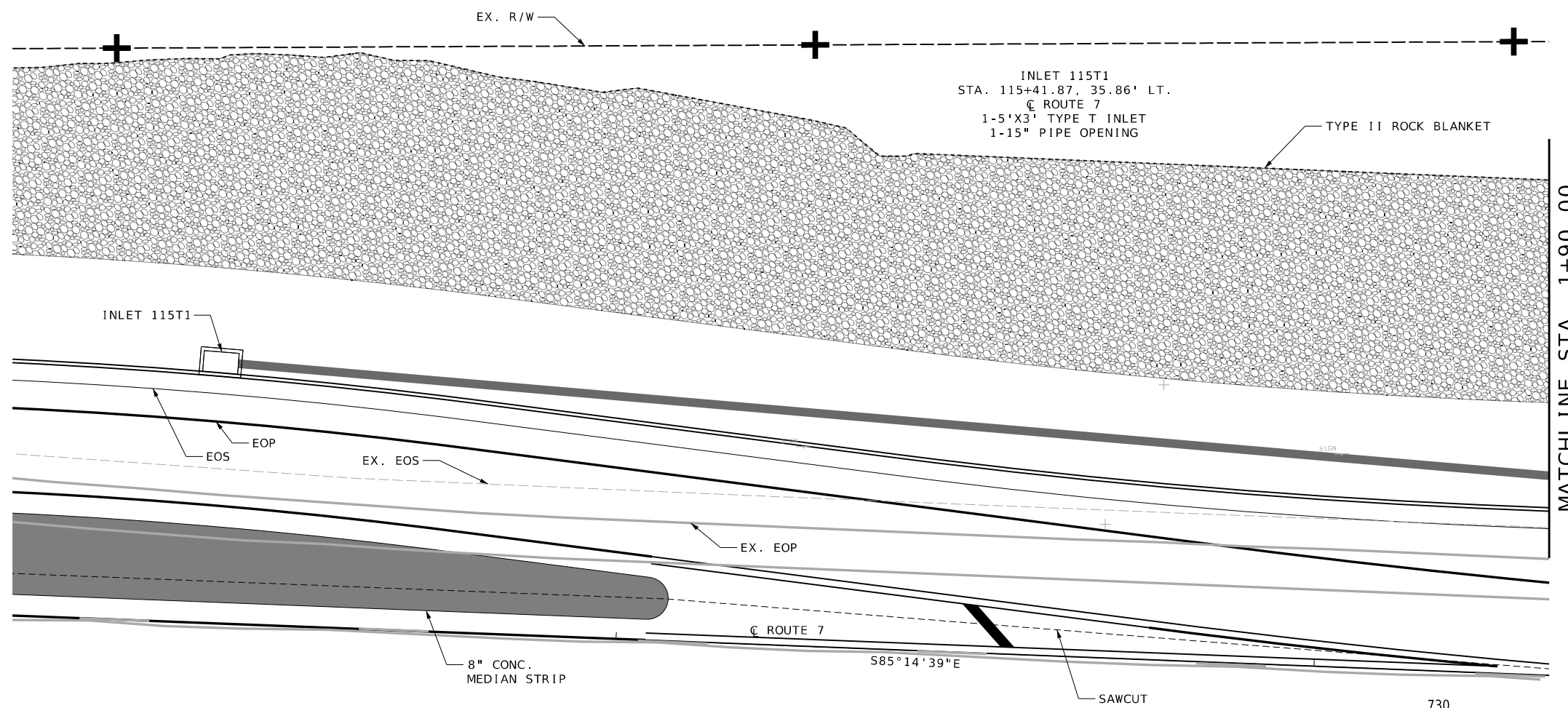


3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 83  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

DATE	DESCRIPTION

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

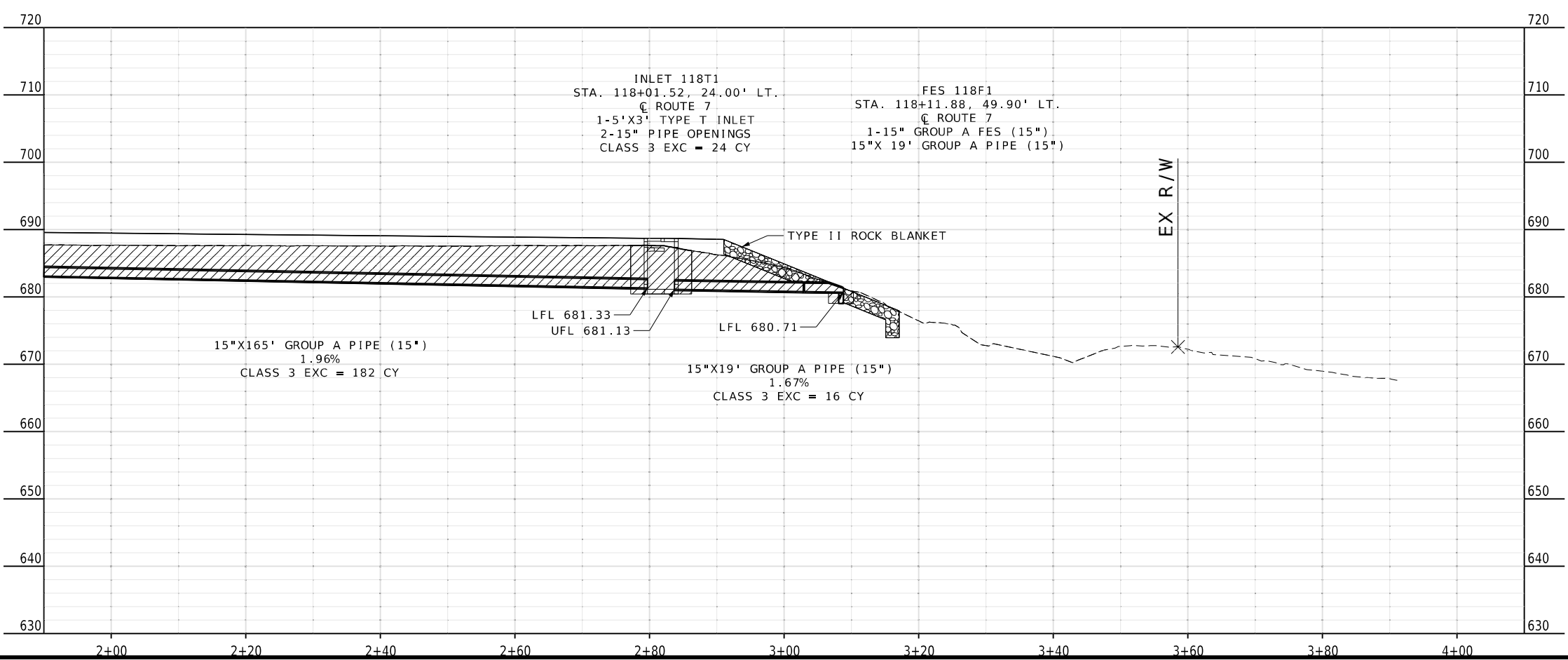
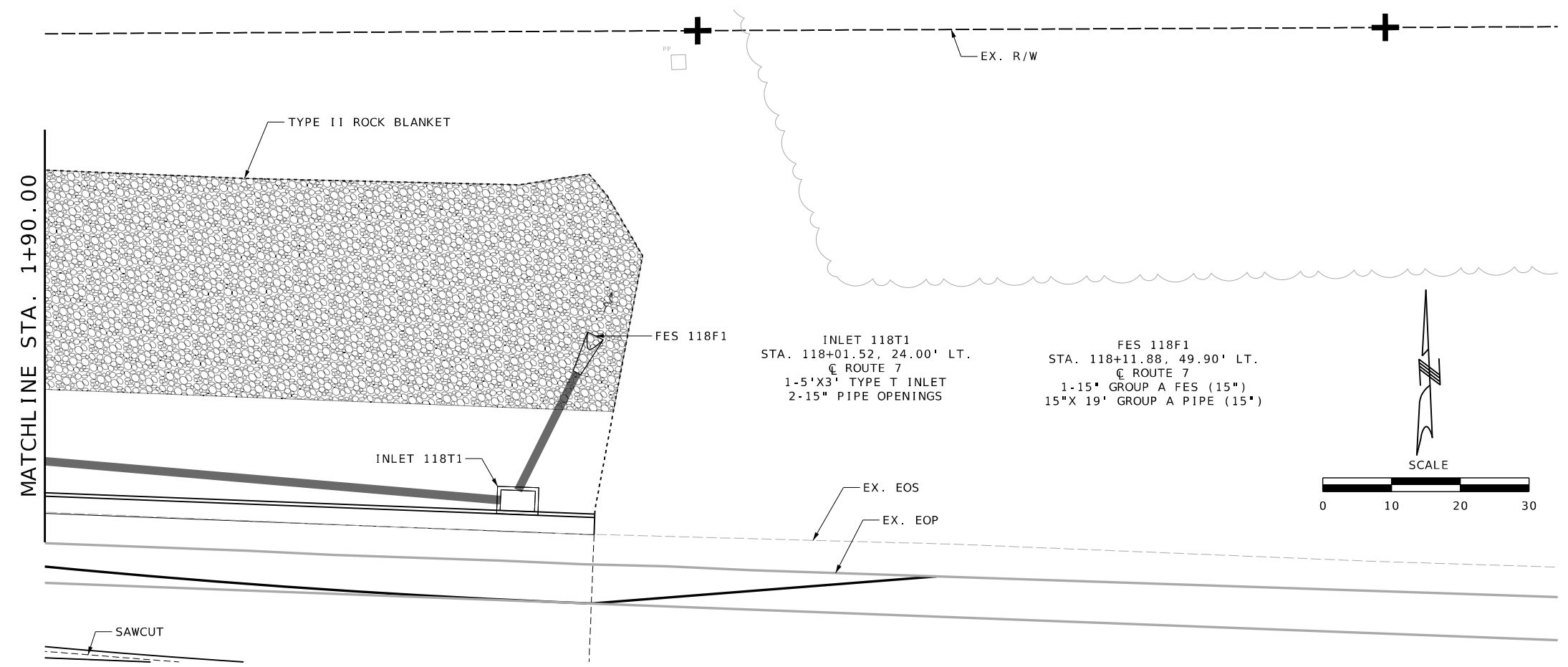
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CULVERT SECTION  
 SHEET 2 OF 10



3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 84  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.



DATE	DESCRIPTION

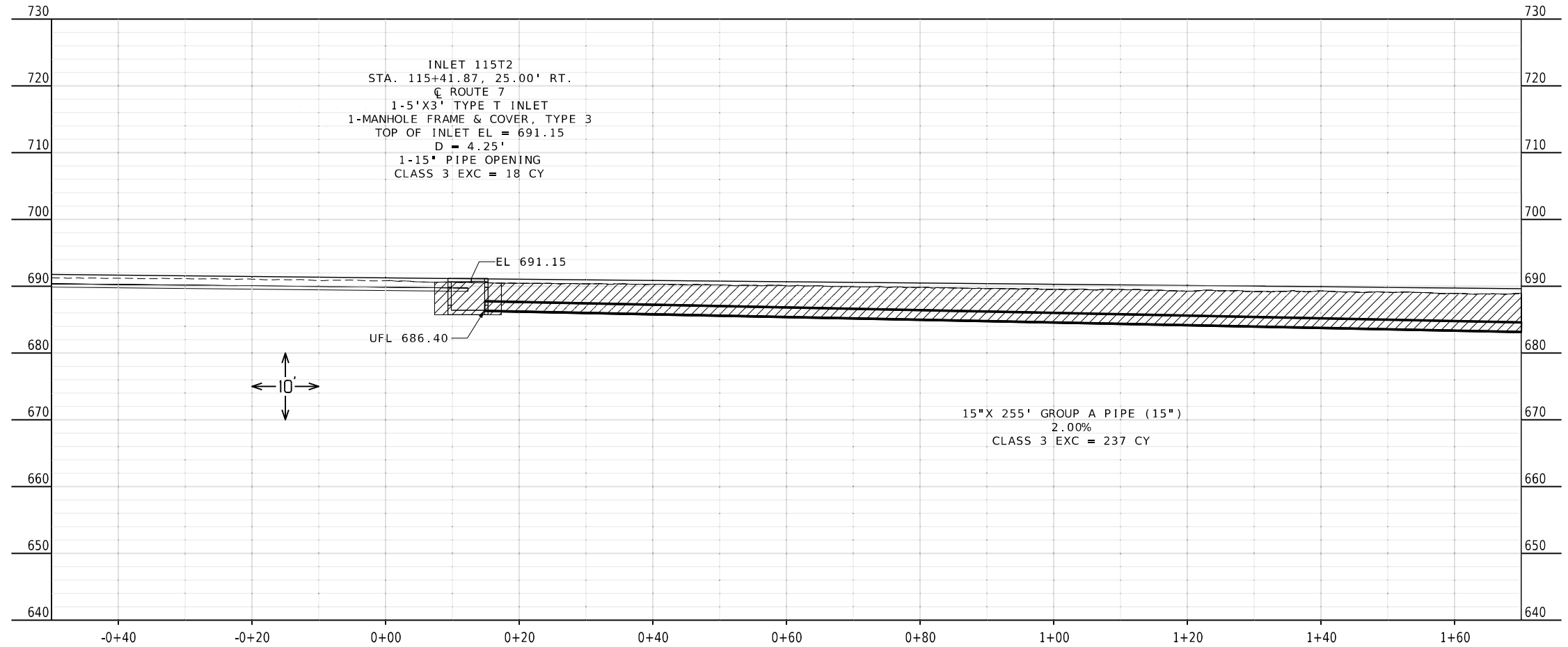
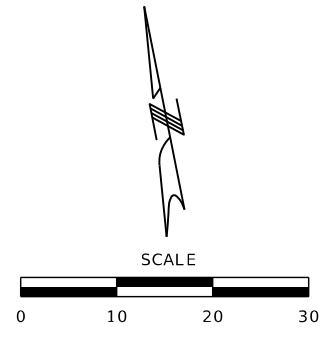
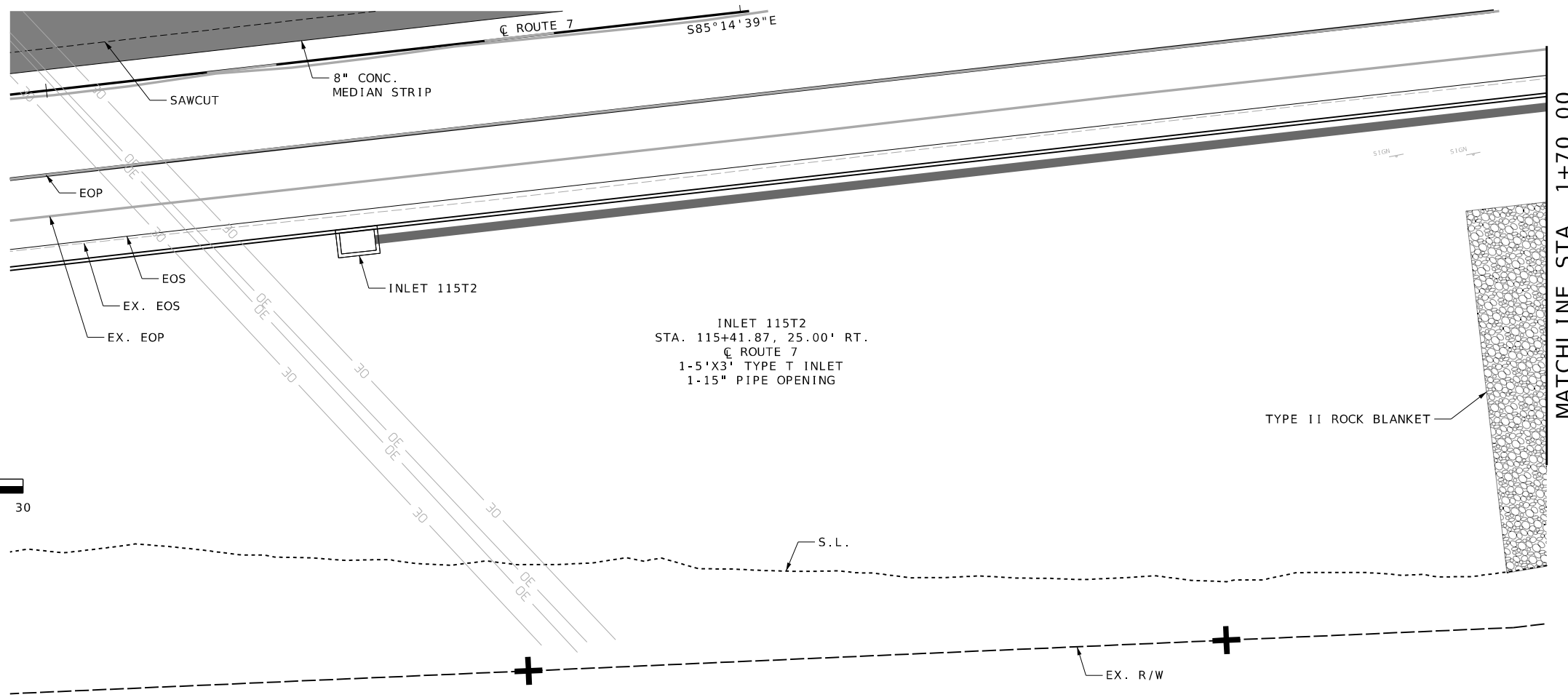
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL  
 JEFFERSON CITY, MO 65102  
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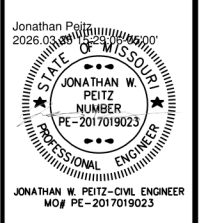
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CULVERT SECTION  
 SHEET 3 OF 10



CULVERT SECTION SHEET 4 OF 10

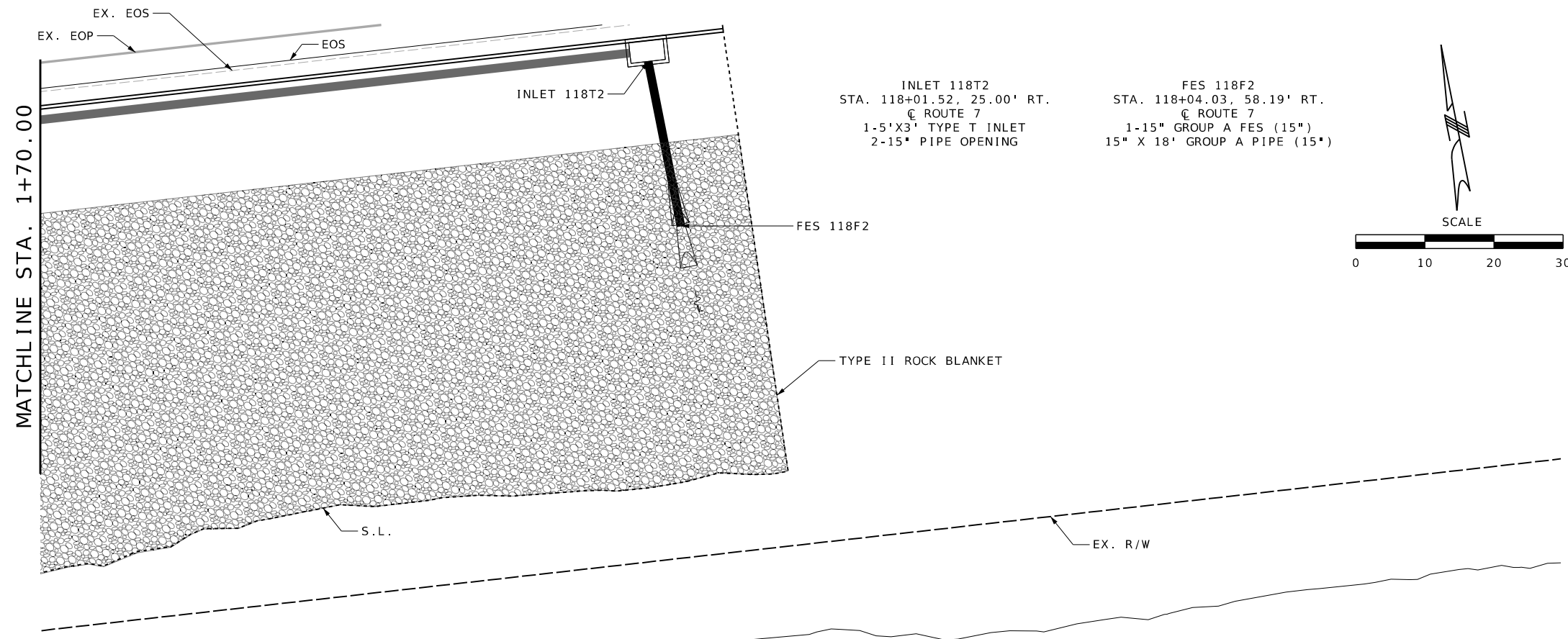


3/25/2026	
ROUTE 7	STATE MO
DISTRICT SW	SHEET NO. 85
COUNTY BENTON	
JOB NO. JSR0110	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

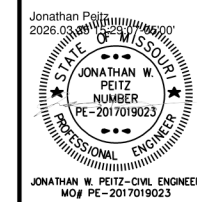
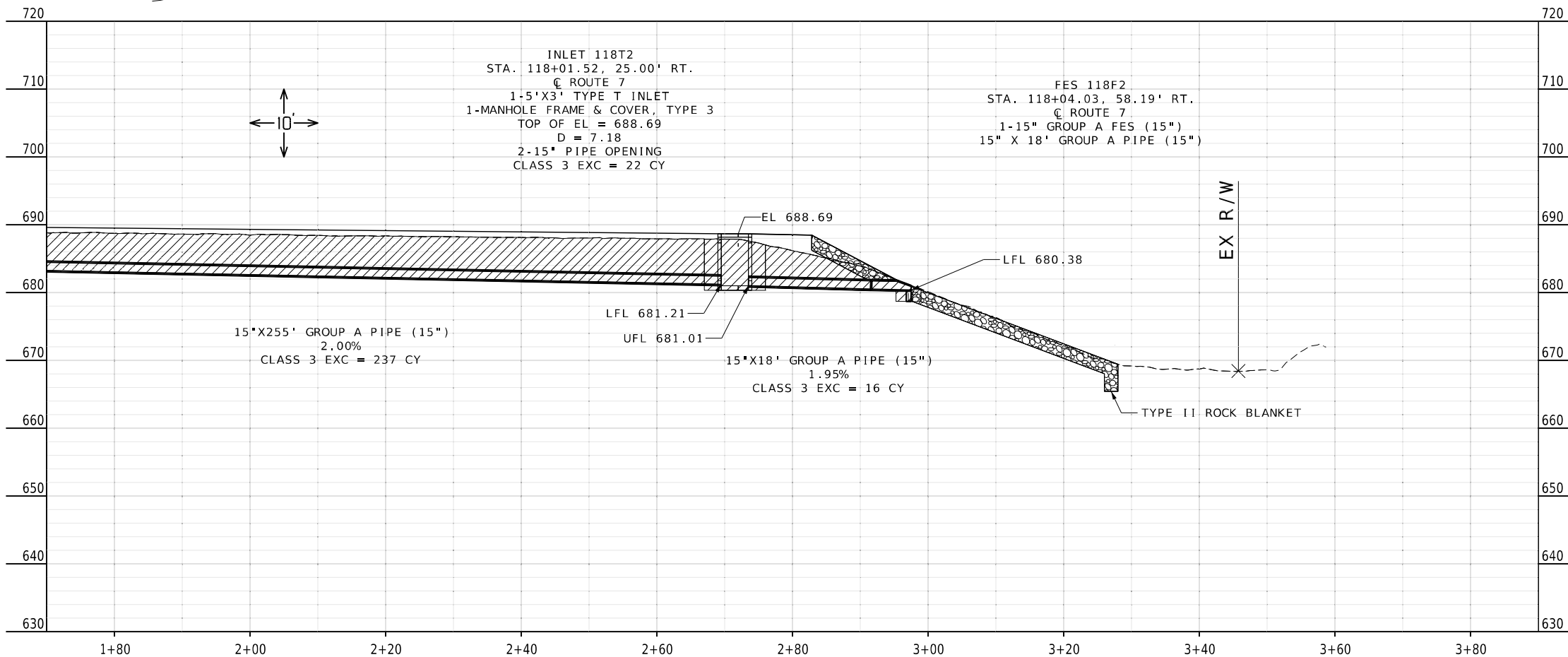
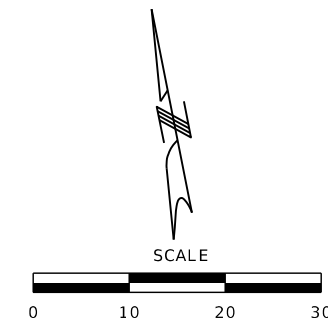
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION  
  
 105 WEST CAPITOL JEFFERSON CITY, MO 65102  
 1-888-ASK-MODOT (1-888-275-6636)

PH: 417.890.8802  
 550 S. LOUIS STREET  
 SPRINGFIELD, MO 65806  
 CERTIFICATE OF AUTHORITY NO. 001592



INLET 118T2  
STA. 118+01.52, 25.00' RT.  
C ROUTE 7  
1-5'X3' TYPE T INLET  
2-15" PIPE OPENING

FES 118F2  
STA. 118+04.03, 58.19' RT.  
C ROUTE 7  
1-15" GROUP A FES (15")  
15" X 18' GROUP A PIPE (15')



3/25/2026  
ROUTE 7 STATE MO  
DISTRICT SW SHEET NO. 86  
COUNTY BENTON  
JOB NO. JSR0110  
CONTRACT ID.  
PROJECT NO.  
BRIDGE NO.

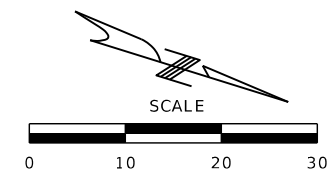
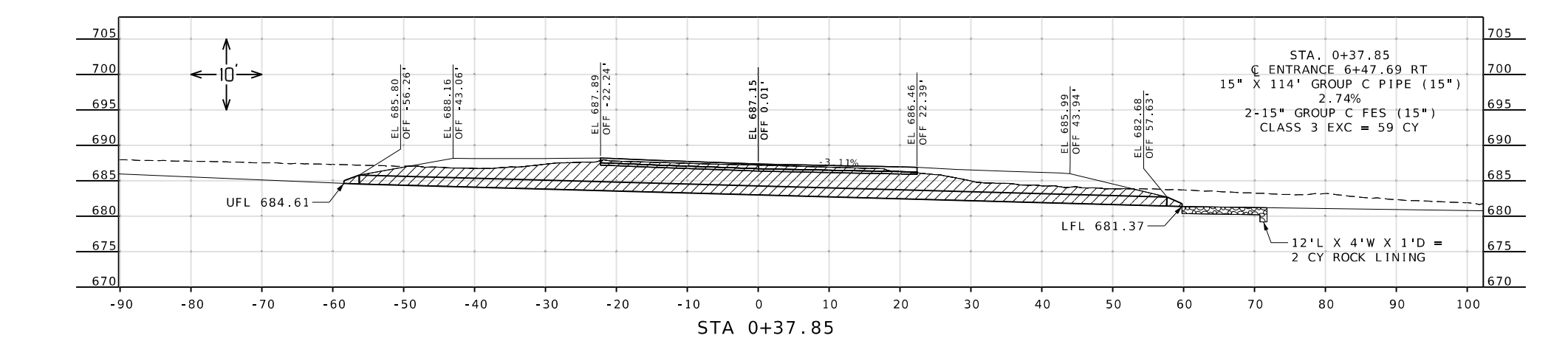
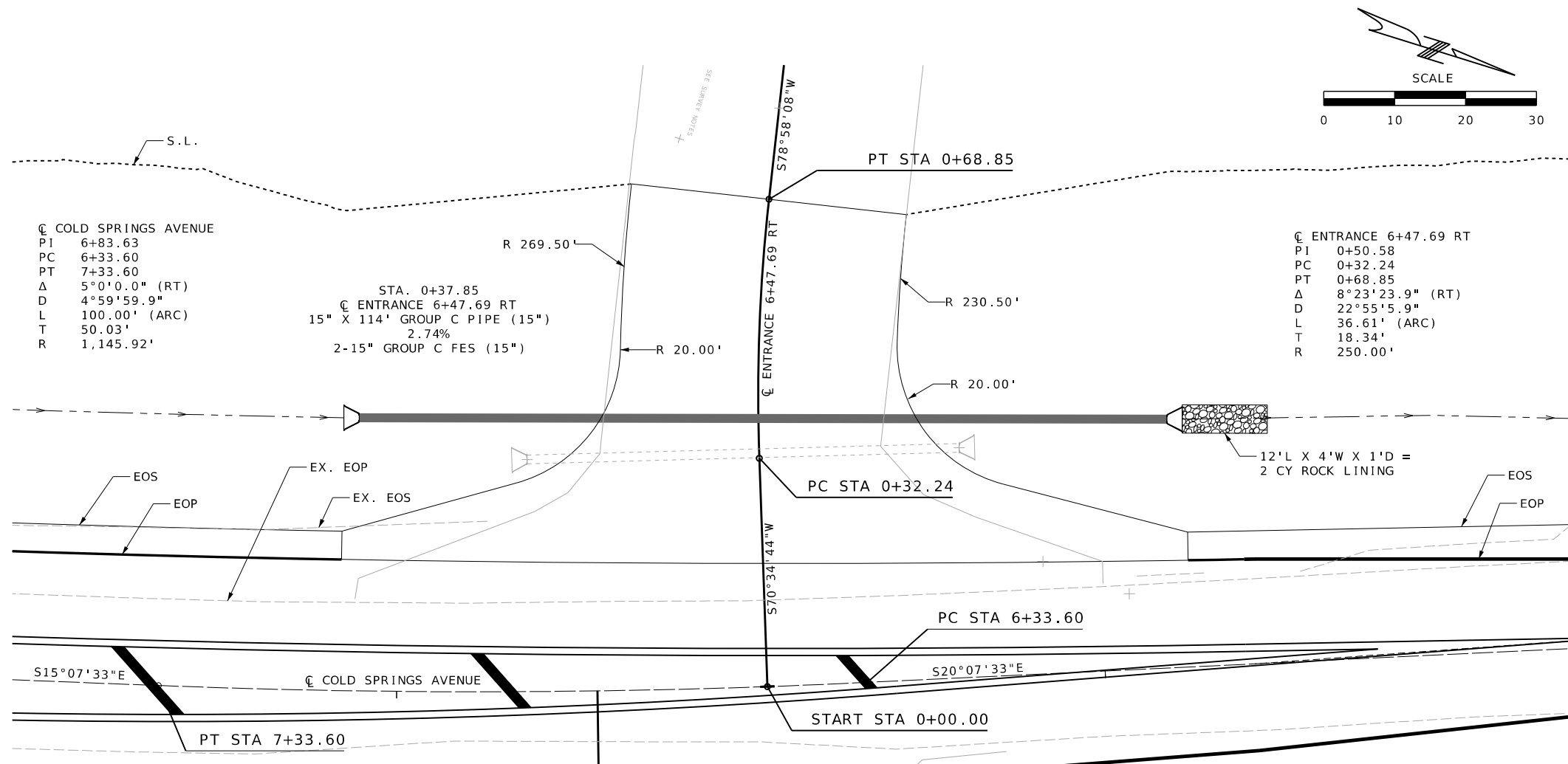
DATE	DESCRIPTION

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

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CERTIFICATE OF AUTHORITY NO. 001592

CULVERT SECTION  
SHEET 5 OF 10

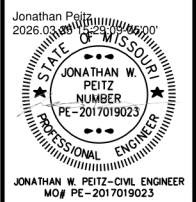




C COLD SPRINGS AVENUE  
 PI 6+83.63  
 PC 6+33.60  
 PT 7+33.60  
 $\Delta$  5°0'0.0" (RT)  
 D 4°59'59.9"  
 L 100.00' (ARC)  
 T 50.03'  
 R 1,145.92'

STA. 0+37.85  
 C ENTRANCE 6+47.69 RT  
 15" X 114' GROUP C PIPE (15")  
 2.74%  
 2-15" GROUP C FES (15")

C ENTRANCE 6+47.69 RT  
 PI 0+50.58  
 PC 0+32.24  
 PT 0+68.85  
 $\Delta$  8°23'23.9" (RT)  
 D 22°55'5.9"  
 L 36.61' (ARC)  
 T 18.34'  
 R 250.00'



3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 88  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

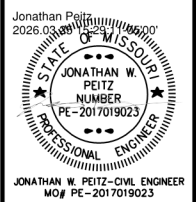
DESCRIPTION	DATE

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

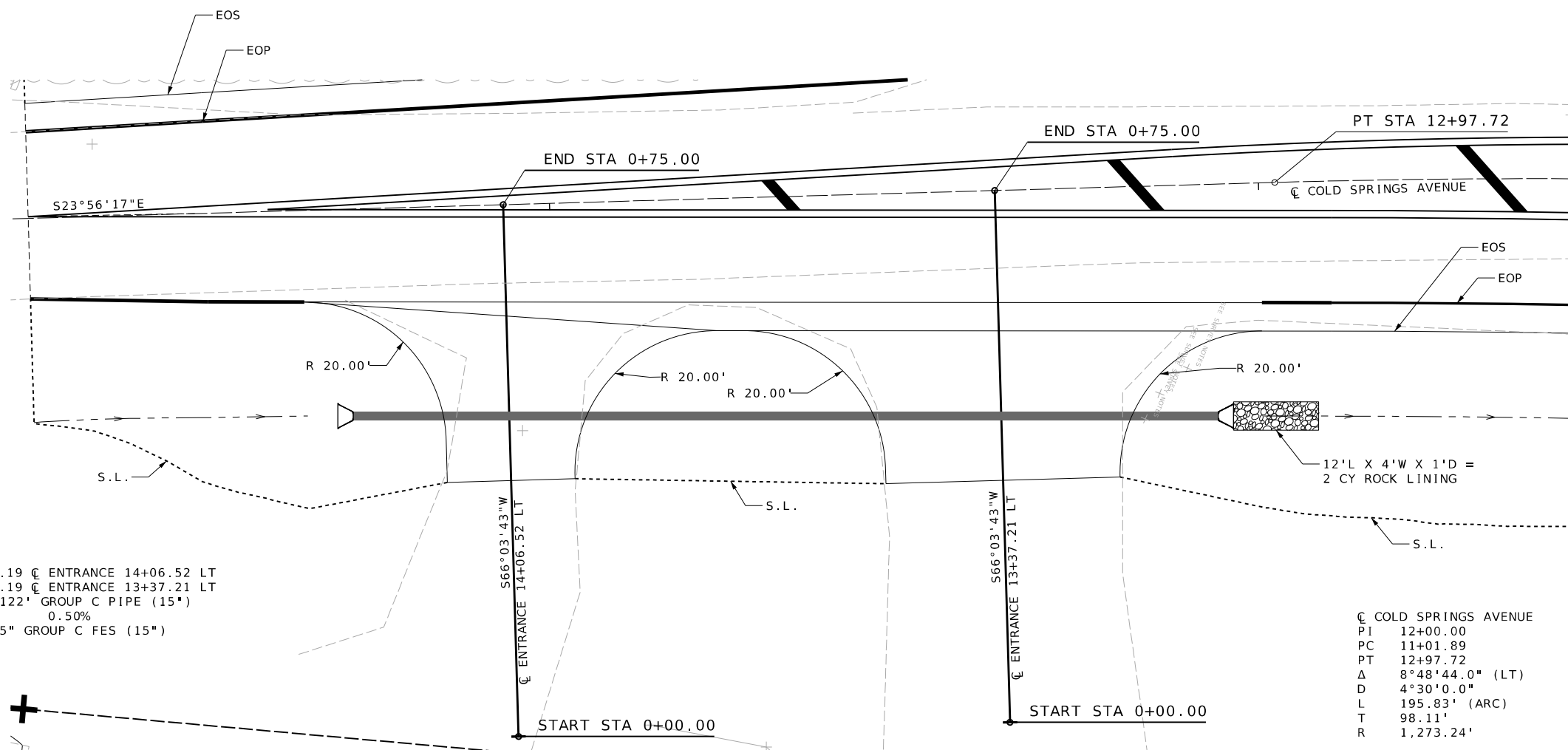
PH: 417.890.8802  
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 CERTIFICATE OF  
 AUTHORITY NO. 001592

CULVERT SECTION SHEET 7 OF 10



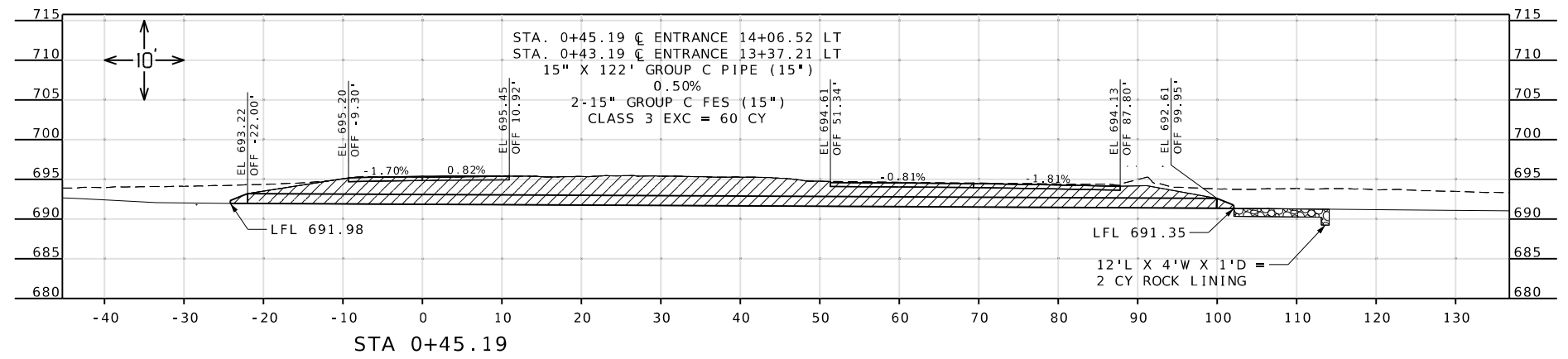
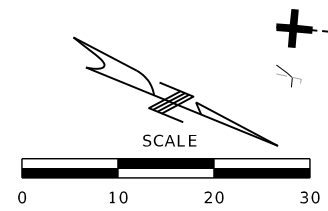


3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 90  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.



STA. 0+45.19 @ ENTRANCE 14+06.52 LT  
 STA. 0+43.19 @ ENTRANCE 13+37.21 LT  
 15" X 122' GROUP C PIPE (15")  
 0.50%  
 2-15" GROUP C FES (15")

@ COLD SPRINGS AVENUE  
 PI 12+00.00  
 PC 11+01.89  
 PT 12+97.72  
 Δ 8°48'44.0" (LT)  
 D 4°30'0.0"  
 L 195.83' (ARC)  
 T 98.11'  
 R 1,273.24'



DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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CULVERT SECTION  
 SHEET 9 OF 10

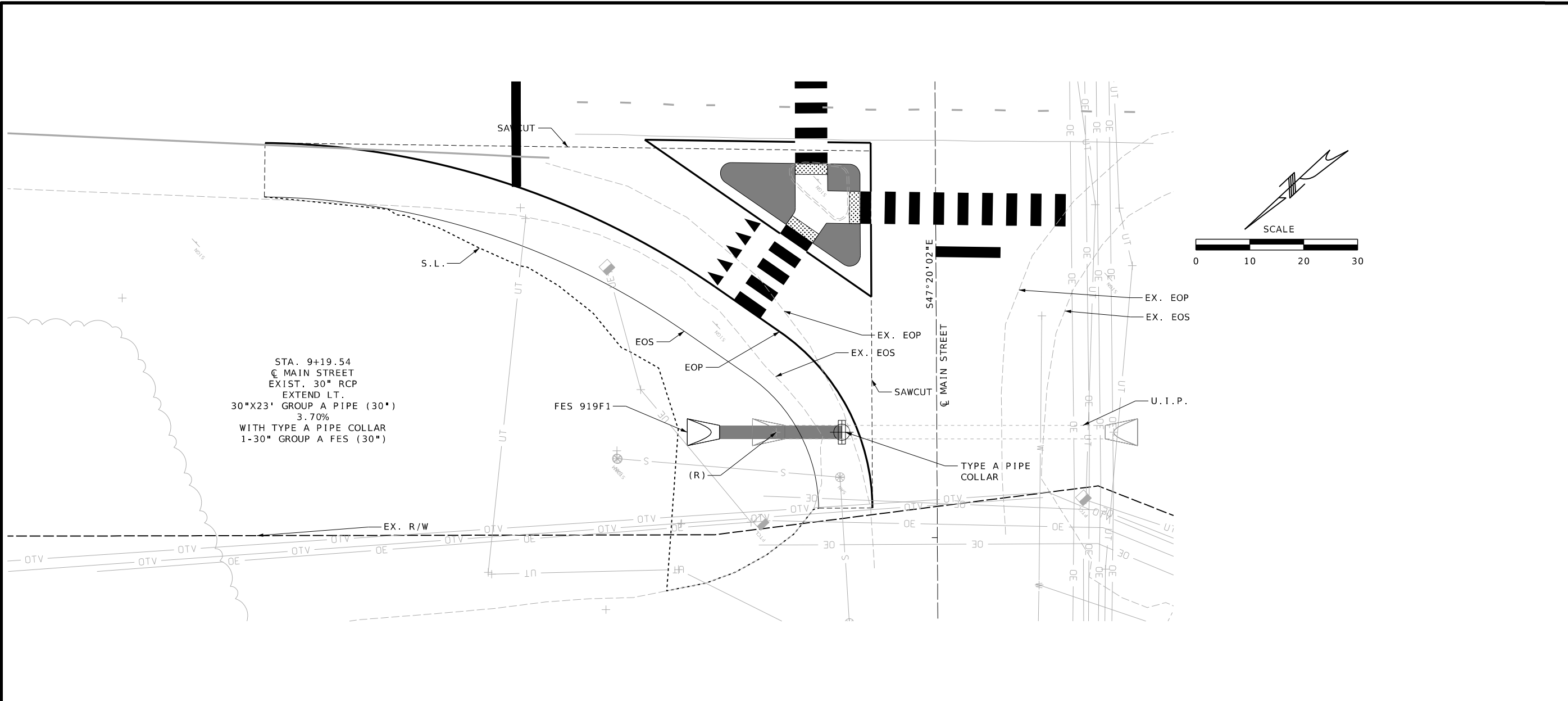


3/25/2026  
 ROUTE 7 STATE MO  
 DISTRICT SW SHEET NO. 91  
 COUNTY BENTON  
 JOB NO. JSR0110  
 CONTRACT ID.  
 PROJECT NO.  
 BRIDGE NO.

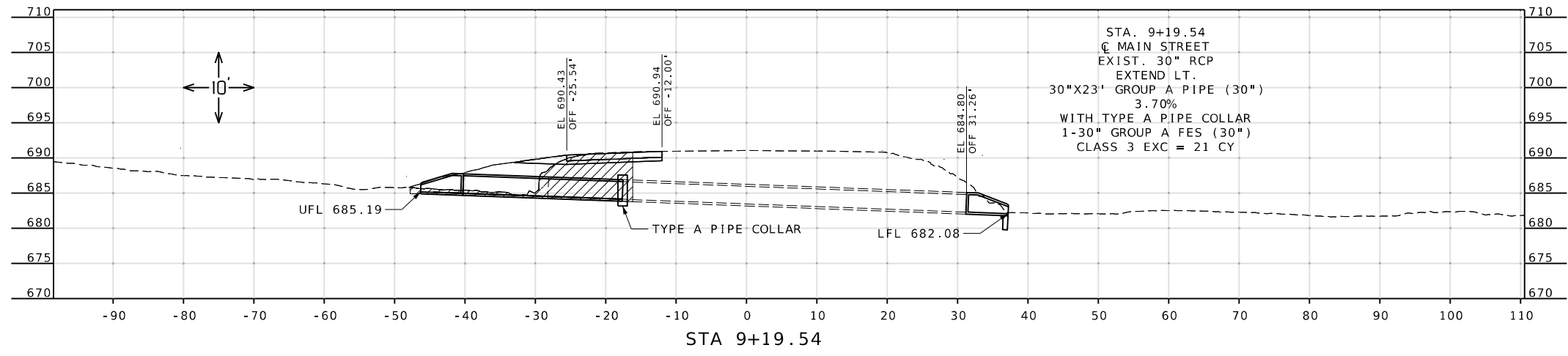
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STA. 9+19.54  
 @ MAIN STREET  
 EXIST. 30" RCP  
 EXTEND LT.  
 30"X23' GROUP A PIPE (30")  
 3.70%  
 WITH TYPE A PIPE COLLAR  
 1-30" GROUP A FES (30")



CULVERT SECTION  
 SHEET 10 OF 10