Highway MM:
Corridor of Opportunity

HIGHWAY MM
CORRIDOR OF OPPORTUNITY

MODOT PARTNERSHIP DEVELOPMENT APPLICATION





Freight Connections

Preliminary Plan & RES
Exhibit II

REPUBLIC
MISSOURI

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

GREENE COUNTY
SEC. 22, 23, 26, 27, 34, 35 T29N R23W
PRELIMINARY PLANS

DESIGN DESIGNATION

A.A.D.T. - 2021 = 11,240
A.A.D.T. - 2045 = 31,330
D.H.V. = 13%
T = 6%
V = 45 M.P.H.
D = 50%

FUNCTIONAL CLASSIFICATION-MINOR ARTERIAL

NORMAL AND CONTROLLED ACCESS R/W TO BE REQUIRED

CONTROLLED ACCESS HIGHWAY

THIS SHALL BE A CONTROLLED ACCESS HIGHWAY, BETWEEN STA. 49+62.77 AND STA. 53+96.09 EXCEPT AT LOCATIONS AND AS OTHERWISE SPECIFICALLY SHOWN ON THESE PLANS, NO ABUTTER'S RIGHTS IN OR OF DIRECT ACCESS TO, FROM, OR ACROSS THE HIGHWAY OR ITS RIGHT-OF-WAY SHALL ATTACH OR BELONG TO ANY PROPERTY ABUTTING ON SAID SECTION OF HIGHWAY, OR TO ANY PERSON MERELY BECAUSE OF OWNERSHIP OF SUCH ABUTTING PROPERTY, THERE SHALL BE THE USUAL RIGHT OF ACCESS OVER ANY LOCATION SHOWN ON THESE PLANS EITHER AS (1) AN ENTRANCE OR (2) A PRIVATE UNDERPASS. WHEREVER AN ADJACENT OUTER ROADWAY OR SERVICE ROAD IS SHOWN, THERE SHALL BE THE USUAL RIGHT OF DIRECT ACCESS BETWEEN THE ABUTTING PROPERTY AND SUCH OUTER ROADWAY OR SERVICE ROAD (EXCEPT WHERE ACCESS IS SPECIFICALLY PROHIBITED BY THE SPECIAL SYMBOL DENOTING NO RIGHT OF ACCESS) AND ALONG IT TO AND FROM THE NEAREST LANE OF THE THROUGHWAY OF A PUBLIC HIGHWAY. OUTER ROADWAYS AND SERVICE ROADS, AS THE CASE MAY BE, ARE SO DESIGNATED ON THE PLANS.

BEGINNING AND ENDING OF CONTROLLED ACCESS

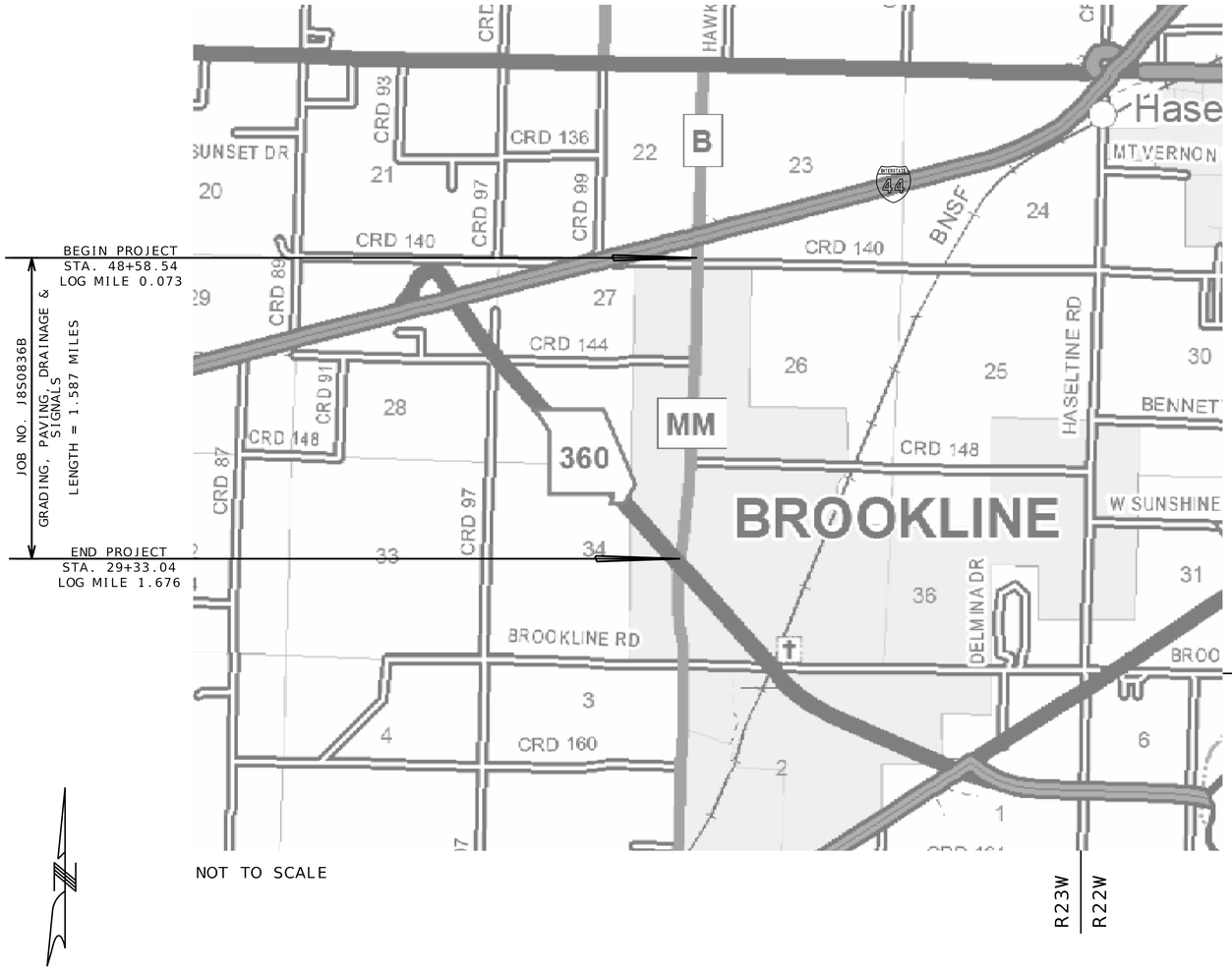
CONTROLLED ACCESS

NO RIGHT OF ACCESS OR CROSSING OF LINES BEARING THIS SYMBOL WILL BE PERMITTED UNDER ANY CIRCUMSTANCES.

CONVENTIONAL SYMBOLS
(USED IN PLANS)

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES



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) (5 SHEETS)	2
PLAN-PROFILE (PP)	4-23
COORDINATE POINTS (CP)	24
TRAFFIC CONTROL SHEETS (TC)	25-29
LIGHTING (LT)	30-36
SIGNALS (SG)	37-39
SIGNING & PAVEMENT MARKING (SN)	40-46
UTILITY SHEETS (UT)	47-65
CROSS SECTIONS (XS)	1-66

LENGTH OF PROJECT

BEGINNING OF PROJECT	STA.	48+58.54
END OF PROJECT	STA.	29+33.04
APPARENT LENGTH		-2,097.91 FEET

EQUATIONS AND EXCEPTIONS:
STA. 107+56.19 (BK) = STA. 3+80.96 (AH)

TOTAL CORRECTIONS	10,375.23	FEET
NET LENGTH OF PROJECT	8,345.15	FEET
STATE LENGTH	1.581	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	25.9	ACRES

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	1

COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

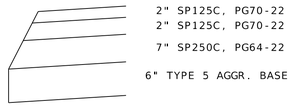
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

NOTE:
CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.

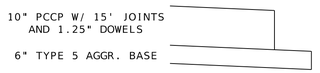
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ALTERNATE PAVEMENT DESIGN

ALTERNATE A
(HMA OPTION)

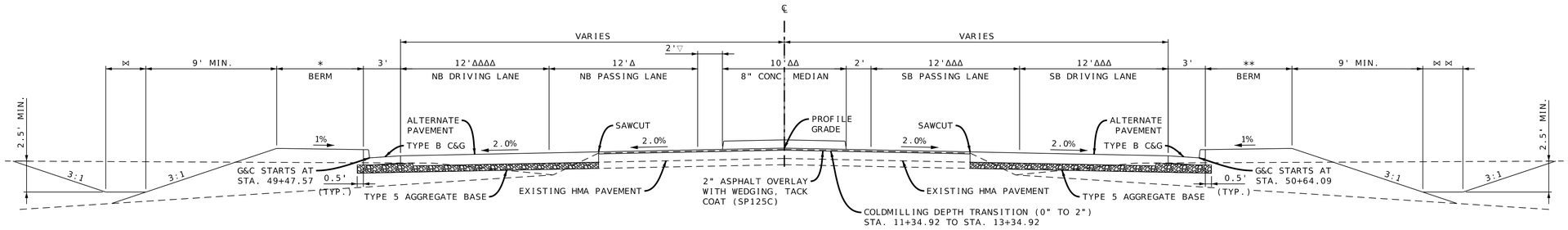


ALTERNATE B
(PCCP OPTION)



ASPHALT FACTORS	
MATERIAL	TONS/C.Y.
SP125C PG70-22	1.927
SPC125C PG70-22	1.927
SP250C PG64-22	1.946

TACK COAT APPLICATION RATE
0.10 GAL/S.Y. (UNDILUTED)
PERMANENT AGGREGATE EDGE TREATMENT
1.40 TONS/CY



⋈
= 4' (FLAT BOTTOM DITCH)
STA. 58+36.53 TO STA. 66+96.47
STA. 67+37.38 TO STA. 69+27.30
STA. 69+63.28 TO STA. 72+51.98
STA. 72+84.94 TO STA. 73+58.19
STA. 73+91.66 TO STA. 74+26.48
STA. 74+58.25 TO STA. 74+61.81
STA. 74+93.57 TO STA. 75+99.01
STA. 76+31.96 TO STA. 77+03.83
STA. 77+39.98 TO STA. 78+00.12
STA. 78+43.41 TO STA. 79+28.14

*
= 1'
STA. 94+37.77 TO 94+62.09
STA. 57+55.49 TO 78+06.78
STA. 81+98.54 TO 90+44.63

= 7'
STA. 4+62.09 TO 12+93.21

ΔΔΔΔ
= TRANSITION FROM 11' TO 12' LANE
STA. 58+36.70 TO 59+26.67

Δ
= TRANSITION FROM 11' TO 12' LANE
STA. 58+36.53 TO 60+04.42

▽
= TRANSITION TO 2' SHY DISTANCE
STA. 58+36.53 TO 60+04.41

TYPICAL SECTION

ROUTE MM
STA. 58+36.53 TO STA. 79+28.14

ΔΔ
= TRANSITION TO 10' CONC. MEDIAN
STA. 58+36.53 TO 60+04.41

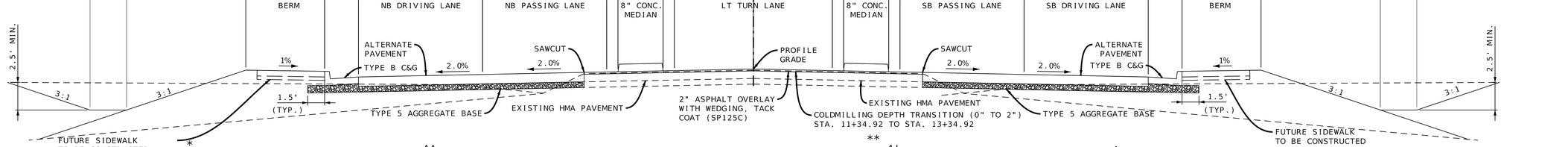
= TRANSITION TO 12' CONC. MEDIAN
STA. 78+28.14 TO 79+28.24

ΔΔΔ
= TRANSITION TO 11' LANES
STA. 78+28.14 TO 79+28.24

**
= 1'
STA. 4+62.09 TO 12+93.21

= 7'
STA. 57+55.49 TO 78+06.78
STA. 94+37.77 TO 4+62.09
STA. 81+98.54 TO 90+44.63

⋈ ⋈
= 4' (FLAT BOTTOM DITCH)
STA. 58+36.53 TO STA. 69+85.01
STA. 70+21.01 TO STA. 70+55.10
STA. 70+91.10 TO STA. 79+28.24



EQUATION:
STA. 107+56.19 BK.=
STA. 3+80.96 AH.

⋈
= 7' BERM
STA. 7+82 TO STA. 16+43.65
STA. 107+52.92 TO STA 3+80.93

= 4' BERM
STA.99+81.59 TO STA 107+52.92

= 1' BERM
STA. 50+68.88 TO STA. 58+36.53

⋈ ⋈
= 4' (FLAT BOTTOM DITCH)
STA. 55+09.27 TO STA. 58+36.53
STA. 99+81.63 TO STA. 100+04.58
STA. 100+39.85 TO STA. 106+68.52

▽▽▽
= TRANSITION SHY DISTANCE 2' TO 1'
STA. 101+56.08 TO STA. 102+46.00

▽▽▽▽
= TRANSITION SHY DISTANCE 2' TO 1'
STA. 100+81.12 TO STA. 102+45.49

*
= VARIES
STA. 7+82.67 TO STA. 9+07.93
STA. 50+68.92 TO STA. 51+99.20

= 4'
STA. 9+07.93 TO STA. 11+68.25
STA. 51+99.20 TO STA. 54+85.43
STA. 54+26.35 TO STA. 55+99.47

= NO CONC. MEDIAN
STA. 11+68.25 TO STA. 12+22.38
STA. 53+67.73 TO STA. 54+26.35

ΔΔ
= TRANSITION 0' TO 14' LANE
STA. 50+72.27 TO STA. 51+99.20
STA. 7+82.76 TO STA. 9+08.01

= 14' LANE
STA. 51+99.20 TO STA. 53+65.73
STA. 9+08.01 TO STA. 11+70.28

= TRANSITION 0' TO 12' LANE
STA. 100+81.12 TO STA. 102+45.49

= 12' LANE
STA. 102+45.49 TO STA. 106+65.79

TYPICAL SECTION

ROUTE MM
STA. 50+64.09 TO STA. 58+36.53
STA. 99+81.59 TO STA. 3+80.96
STA. 7+82.67 TO STA. 16+43.65

**
= 4'
STA. 10+04.19 TO STA. 12+22.38
STA. 12+94.21 TO STA. 14+50.67
STA. 52+43.12 TO STA. 54+26.35
STA. 54+91.62 TO STA. 56+58.67

= VARIES
STA. 14+50.67 TO STA. 16+43.65
STA. 56+58.67 TO STA. 58+36.53

= NO CONC. MEDIAN
STA. 7+82.67 TO STA. 10+04.19
STA. 12+22.38 TO STA. 12+94.21

= 10' STRIPED MEDIAN
STA. 102+45.49 TO STA. 106+65.79

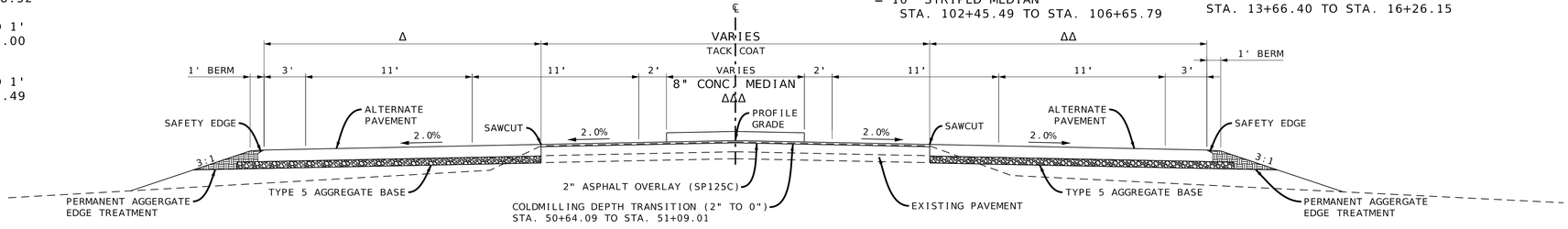
Δ
= TRANSITION FROM 11' TO 12' LANES
STA. 56+53.15 TO 57+50.32

▽
= TRANSITION SHY DISTANCE 1' TO 2'
STA. 14+50.67 TO STA. 16+43.65

▽▽
= TRANSITION SHY DISTANCE 1' TO 2'
STA. 14+50.62 TO STA. 15+40.60

⋈ ⋈ ⋈
= 4' (FLAT BOTTOM DITCH)
STA. 54+93.26 TO STA. 58+36.53
STA. 100+82.61 TO STA. 103+35.41
STA. 104+73.78 TO STA. 106+68.54
STA. 13+66.40 TO STA. 16+26.15

⋈ ⋈ ⋈ ⋈
= 7' BERM
STA. 99+81.63 TO STA. 4+62.10



Δ
= TRANSITION 9.5' TO 20.3'
STA. 48+58.54 TO STA. 50+64.09

TYPE B C&G (LT) BEGINS STA. 49+53.48

TYPICAL SECTION

ROUTE MM
STA. 48+58.54 TO STA. 50+64.09

ΔΔ
= 0'
STA. 48+58.54 TO STA. 49+77.75

= TRANSITION 0' TO 20'
STA. 49+77.75 TO STA. 50+64.09

ΔΔΔ
= NO CONC. MEDIAN
STA. 48+58.54 TO STA. 49+38.57

= TRANSITION 0' TO 14.6'
STA. 49+38.57 TO STA. 50+64.09

NOT TO SCALE

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

olsson
550 ST. LOUIS STREET
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CERTIFICATE OF AUTHORITY NO. 001592

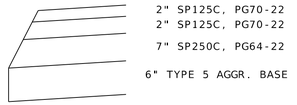
TYPICAL SECTION
SHEET 1 OF 5

NOTE:
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ALTERNATE PAVEMENT DESIGN

ALTERNATE A
(HMA OPTION)

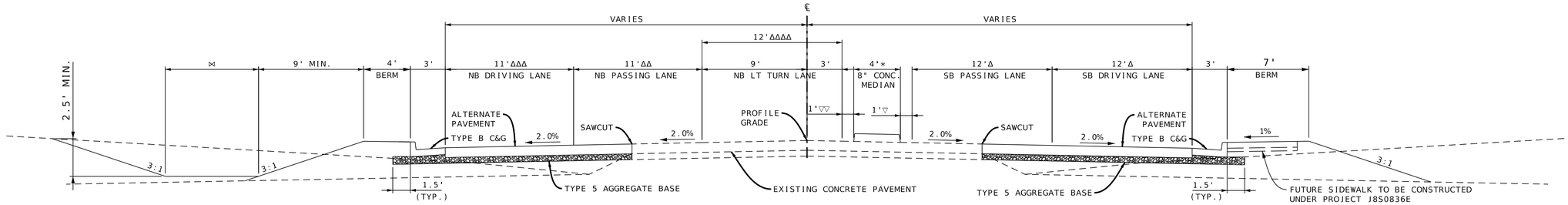


ALTERNATE B
(PCCP OPTION)



ASPHALT FACTORS	
MATERIAL	TONS/C.Y.
SP125C PG70-22	1.927
SPC125C PG70-22	1.927
SP250C PG64-22	1.946

TACK COAT APPLICATION RATE
0.10 GAL/ S.Y. (UNDILUTED)
PERMANENT AGGREGATE EDGE TREATMENT
1.40 TON/ CY



⋈
= 4' (FLAT BOTTOM DITCH)
STA. 81+91.20 TO STA. 86+86.25
STA. 87+16.08 TO STA. 88+82.38
STA. 89+15.38 TO STA. 90+44.63
STA. 93+11.91 TO STA. 99+23.85
STA. 99+52.85 TO STA. 99+81.59

ΔΔΔ
= TRANSITION FROM 11' TO 12' LANES
STA. 85+36.69 TO 86+92.60
STA. 96+69.08 TO 97+59.09

ΔΔ
= TRANSITION FROM 11' TO 12' LANES
STA. 85+36.69 TO 87.36.66
STA. 96+69.08 TO 98+69.08

ΔΔΔΔ
= TRANSITION FROM 12' TO 0'
STA. 84+50.98 TO 85+36.69
STA. 95+83.39 TO 96+69.08

TYPICAL SECTION

ROUTE MM
STA. 81+91.20 TO STA. 90+44.63
STA. 93+11.91 TO STA. 99+81.59

▽▽
= TRANSITION TO 2'
STA. 84+50.98 TO 85+36.69
STA. 95+83.39 TO 96+69.08

▽
= TRANSITION TO 2'
STA. 84+50.98 TO 85+40.96
STA. 95+83.39 TO 96+73.39

*
= NO CONC. MEDIAN
STA. 81+91.20 TO 82+52.38

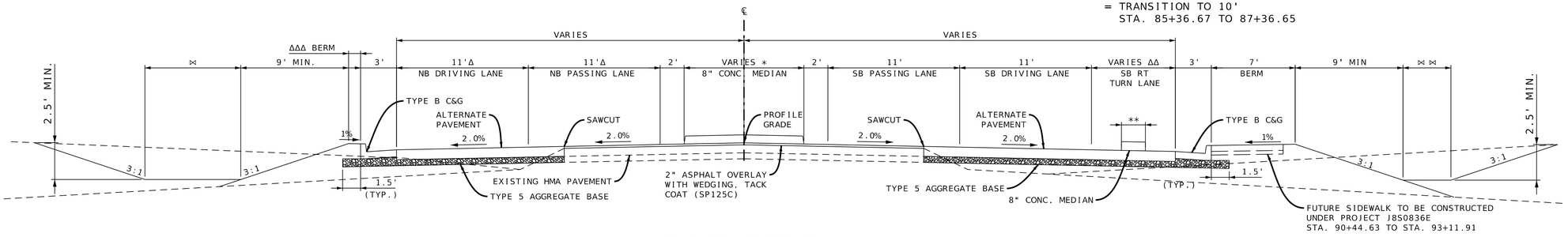
= 4' CONC. MEDIAN
STA. 82+52.38 TO 84+50.9

= VARIES
STA. 84+50.98 TO 85+36.67

= TRANSITION TO 10'
STA. 85+36.67 TO 87+36.65

Δ
= TRANSITION TO 11' LANES
STA. 89+44.63 TO 90+44.63

= TRANSITION FROM 11' TO 12' LANES
STA. 95+83.39 TO 96+73.39



ΔΔΔ
= 1' BERM
STA. 79+28.14 TO STA. 80+91.74

= TRANSTION FROM 1' TO 4' BERM
STA. 80+91.74 TO STA. 81+25.00

= 4' BERM
STA. 81+25.00 TO STA. 81+91.20
STA. 90+44.63 TO STA. 93+11.91

⋈
= 4' (FLAT BOTTOM DITCH)
STA. 79+28.14 TO STA. 79+50.95
STA. 79+84.37 TO STA. 81+91.20

Δ
= TRANSITION TO 11' LANES
STA. 80+71.89 TO 82+41.54
STA. 91+49.67 TO 93+84.75

TYPICAL SECTION

ROUTE MM
STA. 79+28.14 TO STA. 81+91.20
STA. 90+44.63 TO STA. 93+11.91

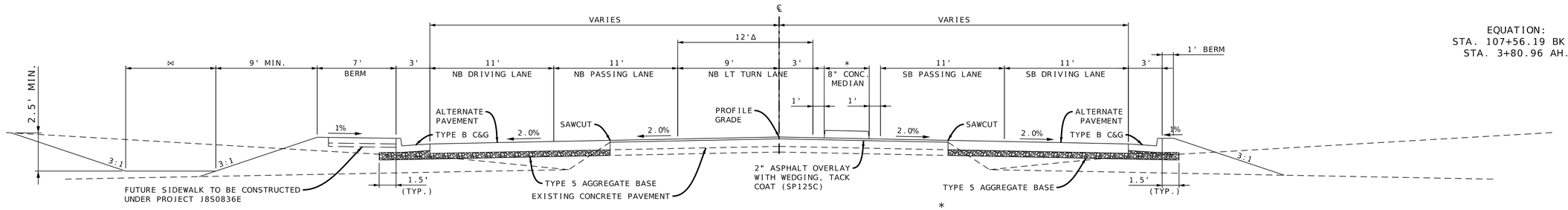
*
= CONC. MEDIAN ENDS
STA. 81+45.48
STA. 92+30.57

= NO CONC. MEDIAN
STA. 81+45.48 TO 81+91.20
STA. 92+30.57 TO 93+11.91

ΔΔ
= VARIES
STA. 79+28.14 TO 81+71.81
STA. 90+44.63 TO 82+89.09

**
= VARIES
STA. 81+00.72 TO 81+67.01
STA. 92+17.53 TO 92+84.88

⋈⋈
= 4' (FLAT BOTTOM DITCH)
STA. 79+28.14 TO STA. 81+40.26



EQUATION:
STA. 107+56.19 BK.=
STA. 3+80.96 AH.

⋈
= 4' (FLAT BOTTOM DITCH)
STA. 4+31.89 TO 4+62.30
STA. 4+62.23 TO 7+03.63

Δ
= TRANSITION 12' TO 0' LT TURN LANE
STA. 5+79.06 TO 6+64.77

TYPICAL SECTION

ROUTE MM
STA. 3+80.96 TO STA. 7+82.67

*
= NO CONC. MEDIAN
STA. 3+80.96 TO 4+17.26
= TRANSITION 0' TO 14'
STA. 4+17.26 TO 4+29.17
= 14'
STA. 4+29.17 TO 5+21.70
= VARIES
STA. 5+21.70 TO 7+82.67

NOT TO SCALE

TYPICAL SECTION
SHEET 2 OF 5

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

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BRIDGE NO.

DESCRIPTION	DATE

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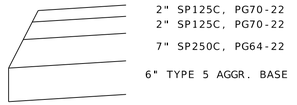
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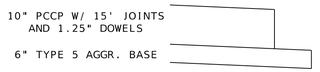
* SEE TYPICAL SECTION SHEET 5 OF 5 FOR DRY CURB DETAIL

ALTERNATE PAVEMENT DESIGN

ALTERNATE A (HMA OPTION)

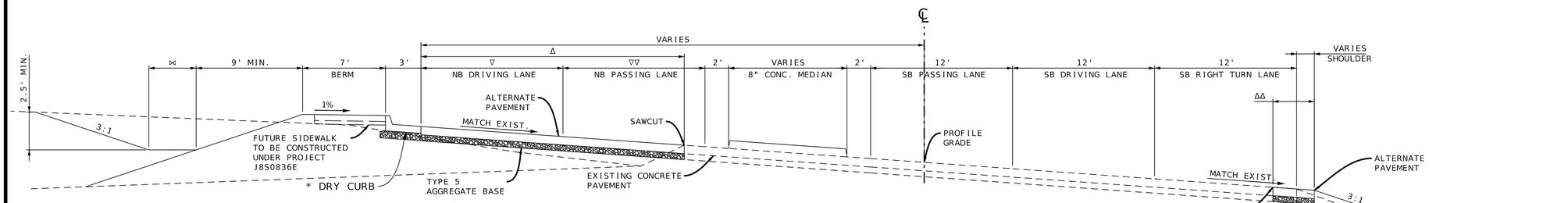


ALTERNATE B (PCCP OPTION)



ASPHALT FACTORS	
MATERIAL	TONS/C.Y.
SP125C PG70-22	1.927
SPC125C PG70-22	1.927
SP250C PG64-22	1.946

TACK COAT APPLICATION RATE
0.10 GAL/S.Y. (UNDILUTED)
PERMANENT AGGREGATE EDGE TREATMENT
1.40 TONS/CY



⋈
= 4' (FLAT BOTTOM DITCH)
FLAT BOTTOM DITCH ENDS
STA. 27+88.54

Δ
= TRANSITION FROM 22.2' TO 22.7'
STA. 27+02.26 TO STA. 27+88.54

∇
= 12'
STA. 27+02.26 TO STA. 27+68.32

= TRANSITION FROM 12' TO 11.7'
STA. 27+68.32 TO STA. 27+88.54

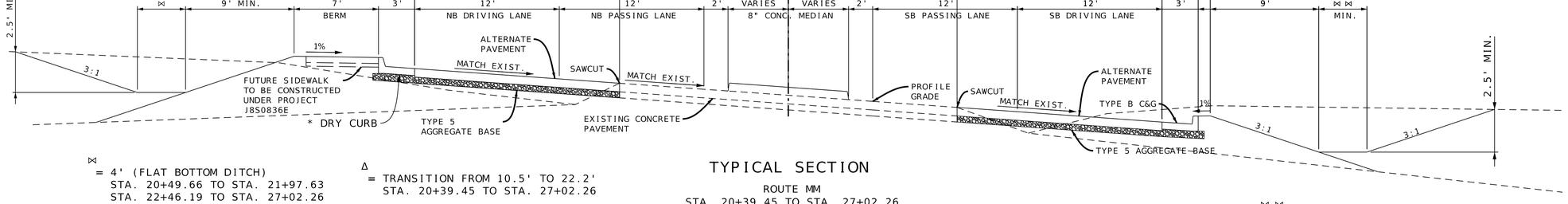
∇∇
= 12'
STA. 27+02.26 TO STA. 27+68.32

= TRANSITION FROM 12' TO 11.7'
STA. 27+68.32 TO STA. 27+88.54

TYPICAL SECTION

ROUTE MM
STA. 27+02.26 TO STA. 27+88.54

ΔΔ
= TRANSITION FROM 10.3' TO 2'
STA. 20+39.45 TO STA. 27+02.26



⋈
= 4' (FLAT BOTTOM DITCH)
STA. 20+49.66 TO STA. 21+97.63
STA. 22+46.19 TO STA. 27+02.26

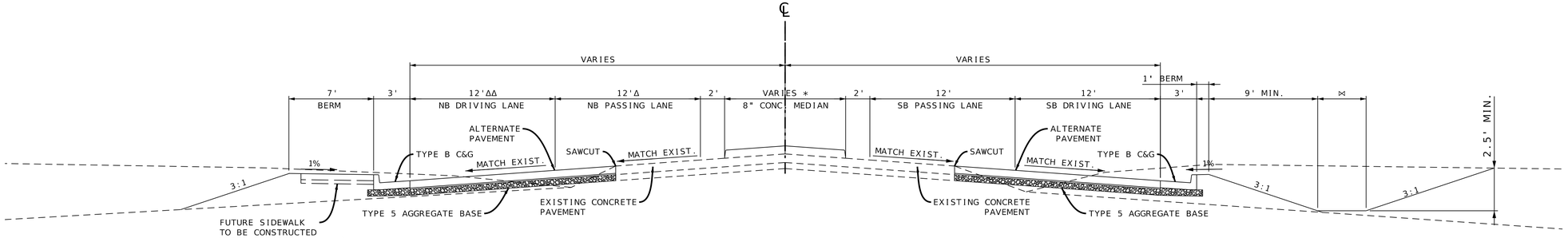
Δ
= TRANSITION FROM 10.5' TO 22.2'
STA. 20+39.45 TO STA. 27+02.26

TYPICAL SECTION

ROUTE MM
STA. 20+39.45 TO STA. 27+02.26

ΔΔ
= TRANSITION FROM 10.3' TO 2'
STA. 20+39.45 TO STA. 27+02.26

⋈ ⋈
= 4' (FLAT BOTTOM DITCH)
FLAT BOTTOM DITCH ENDS
STA. 27+82.77



Δ
= TRANSITION FROM 11' LANE TO 12' LANE
STA. 16+43.65 TO 17+33.57

ΔΔ
= TRANSITION FROM 11' LANE TO 12' LANE
STA. 16+43.87 TO 17+33.83

TYPICAL SECTION

ROUTE MM
STA. 16+43.65 TO STA. 20+39.45

*
= CONC. MEDIAN VARIES
STA. 16+43.65 TO 18+20.37
= 10' CONC. MEDIAN
STA. 18+20.37 TO 20+39.45

⋈
= 4' (FLAT BOTTOM DITCH)
STA. 16+81.31 TO STA. 19+48.81
STA. 20+04.82 TO STA. 20+39.45

NOT TO SCALE

TYPICAL SECTION
SHEET 3 OF 5

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE: MM
STATE: MO
DISTRICT: SW
SHEET NO.: 2
COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

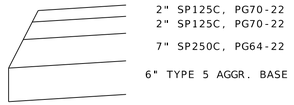
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

NOTE:
CROSS SECTIONS AND EARTHWORK IN THIS PROJECT ARE BASED ON THE CONCRETE ALTERNATE. CONTRACTOR IS RESPONSIBLE FOR MAKING ANY ADJUSTMENTS WITH NO EXTRA PAY IF ASPHALT ALTERNATE IS USED.

SUBGRADE PROFILE AND CROSS SECTIONS SHOULD BE DESIGNED FOR THE THINNER PAVEMENT DESIGN. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING THE PROFILE GRADE FOR EITHER PAVEMENT DESIGN WITH NO DIRECT PAY. CROSSROAD STRUCTURES SHOULD BE DESIGNED TO ACCOMODATE A MINIMUM COVER BASED ON THE THICKER PAVEMENT DESIGN.

ALTERNATE PAVEMENT DESIGN

ALTERNATE A
(HMA OPTION)

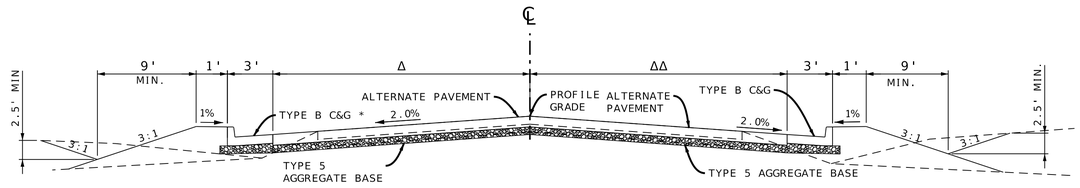


ALTERNATE B
(PCCP OPTION)



ASPHALT FACTORS	
MATERIAL	TONS/C.Y.
SP125C PG70-22	1.927
SP125C PG70-22	1.927
SP250C PG64-22	1.946

TACK COAT APPLICATION RATE
0.10 GAL/S.Y. (UNDILUTED)
PERMANENT AGGREGATE EDGE TREATMENT
1.40 TONS/CY



TYPICAL SECTION

FARM ROAD 144
STA. 15+35.78 TO STA. 19+07.49

KINGS STREET
STA. 7+46.64 TO STA. 9+58.77

CARNAHAN STREET
STA. 10+88.31 TO STA. 12+24.10

* = NO C&G FR 144 STA. 15+35.78 TO STA. 17+95.74

Δ
= TRANSITIONS 12' TO 263'
FR 144 STA. 15+35.78 TO STA. 19+10.01

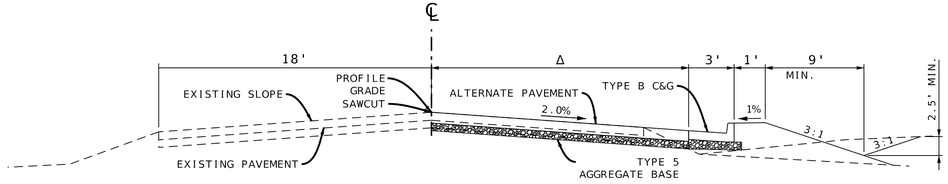
= TRANSITIONS 20' TO 268'
KINGS STREET STA. 7+46.64 TO STA. 9+63.03

= TRANSITIONS 14.5' TO 112'
CARNAHAN STREET STA. 10+88.31 TO STA. 12+24.66

ΔΔ
= TRANSITIONS 12' TO 122'
FR 144 STA. 15+35.78 TO STA. 19+06.32

= TRANSITIONS 18' TO 125'
KINGS STREET STA. 7+46.64 TO STA. 9+56.78

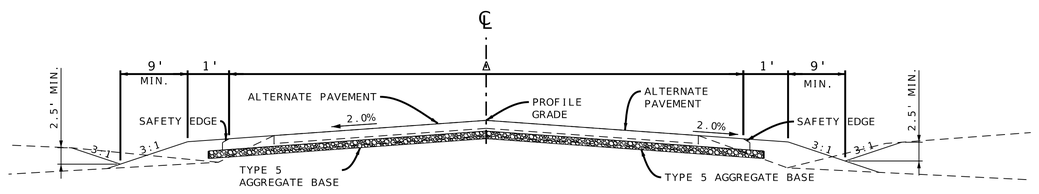
= TRANSITIONS 15.5' TO 135'
CARNAHAN STREET STA. 10+88.31 TO STA. 12+23.44



TYPICAL SECTION

KINGS STREET
STA. 7+16.77 TO 7+46.64

Δ
= TRANSITIONS 18' TO 22'
STA. 7+16.77 TO 7+46.64



TYPICAL SECTION

FARM ROAD 140 WEST
STA. 3+87.00 TO STA. 4+62.00

FARM ROAD 140 EAST
STA. 5+38.00 TO STA. 6+13.00

FARM ROAD 144
STA. 10+00.00 TO STA. 15+35.78

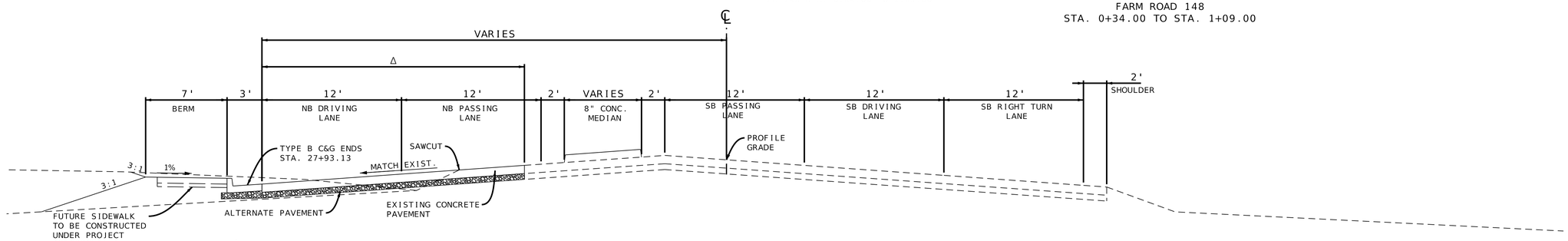
FARM ROAD 148
STA. 0+34.00 TO STA. 1+09.00

Δ
= TRANSITIONS 17.5' TO 167.5'
FR 140 STA. 3+87.00 TO 4+62.00

= TRANSITIONS 172.5' TO 22'
FR 140 STA. 5+38.00 TO 6+13.00

= 24'
FR 144 STA. 10+00.00 TO 15+35.78

= TRANSITIONS 169' TO 22'
FR 148 STA. 0+34.00 TO 1+09.00



Δ
= TRANSITIONS 22.7' TO 2.0'
STA. 27+88.54 TO 29+33.04

TYPICAL SECTION

ROUTE MM
STA. 27+88.54 TO STA. 29+32.87

NOT TO SCALE

TYPICAL SECTION
SHEET 4 OF 5

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE: MM | STATE: MO
DISTRICT: SW | SHEET NO.: 2
COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

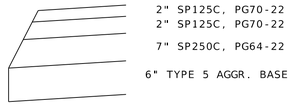
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

NOTE:
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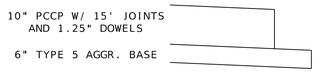
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ALTERNATE PAVEMENT DESIGN

ALTERNATE A
(HMA OPTION)

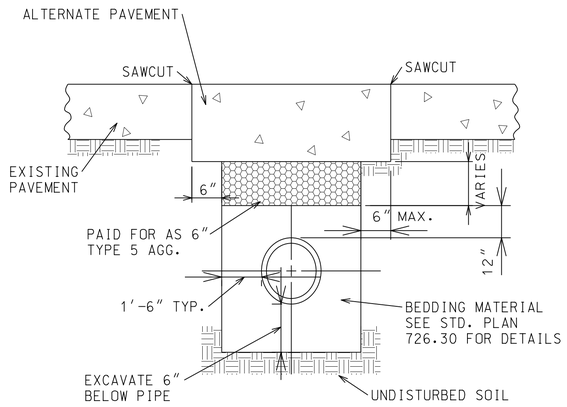


ALTERNATE B
(PCCP OPTION)



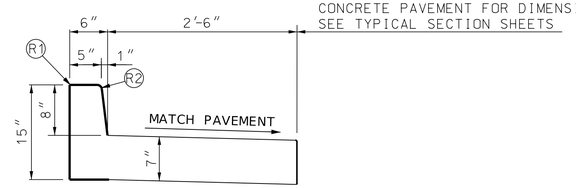
ASPHALT FACTORS	
MATERIAL	TONS/C.Y.
SP125C PG70-22	1.927
SP125C PG70-22	1.927
SP250C PG64-22	1.946

TACK COAT APPLICATION RATE
0.10 GAL/S.Y. (UNDILUTED)
PERMANENT AGGREGATE EDGE TREATMENT
1.40 TONS/CY



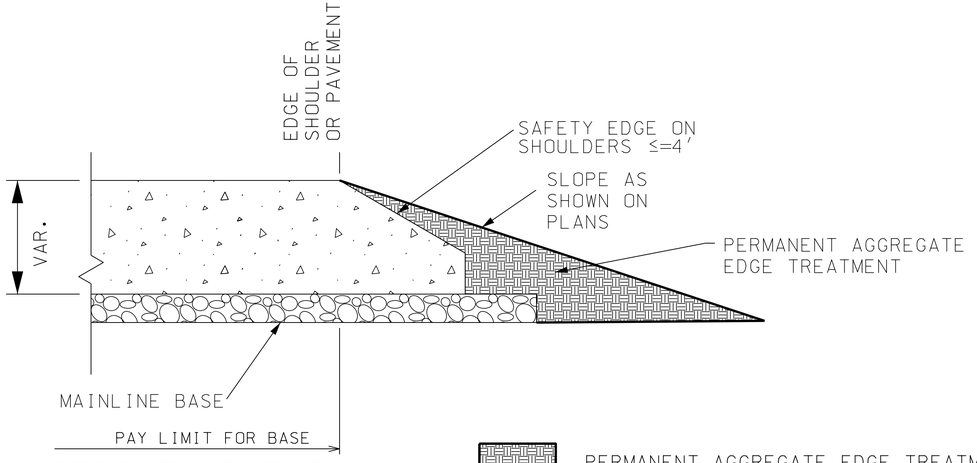
PAVEMENT REPAIR DETAIL FOR PIPE INSTALLATIONS

STA. 82+01.42 TO 82+06.67, STA. 84+12.38 TO 84+17.63
STA.90+74.32 TO 90+79.82, STA. 94+40.51 TO STA.94+46.01
STA. 96+97.25 TO 97+02.75, STA.100+00.00 TO 100+05.50
STA. 102+72.00 TO 102.78.00, STA. 104+08.33 TO 104+20.22
STA. 104+96.00 TO 105+04.00, STA. 4+67.97 TO 4+70.22
STA. 11+07.25 TO 11+12.75, STA. 13+74.37 TO 13+79.87
STA. 15+82.00 TO 15+88.00, STA. 16+46.76 TO 16+53.29

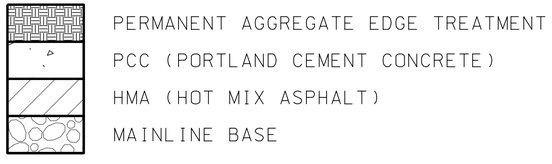


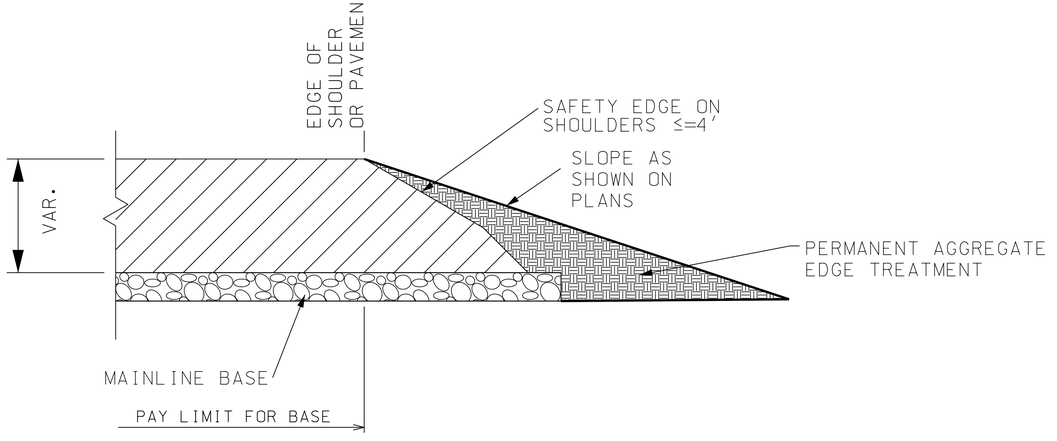
DRY CURB DETAIL

(R1) ROUND TO $\frac{1}{2}$" RADIUS (EXCEPT FOR SAWED JOINTS).
(R2) ROUND TO $\frac{3}{4}$" RADIUS.



PCCP PAVEMENT





HMA PAVEMENT

PERMANENT AGGREGATE EDGE TREATMENT

GENERAL NOTE:

1. PERMANENT AGGREGATE EDGE TREATMENT WILL BE PAID FOR UNDER PAY ITEM 3049910 PER TON. SEE JOB SPECIAL PROVISIONS.
2. SEE STANDARD PLAN 401.00C FOR SAFETY EDGE DETAILS.

NOT TO SCALE

TYPICAL SECTION
SHEET 5 OF 5

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024
ROUTE MM | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

ROUTE I-44
EB ON RAMP
RAMP D

SW1/4 SW 1/4
23-29N-23W

M&S PROPERTIES OF
SPFD, LLC
SEE PROJECT J8S3239 FOR
LAND ACQUISITION

SAWCUT

U.I.P.

+58.54
83.79'

+66.96
87.97'

+93.96
80.00'

+00.00
70.00'

+25.00
80.00'

+25.00
70.00'

PROPOSED UTILITY ESM'T PURCHASE UNDER PROJECT J8S3239

PROPOSED R/W PURCHASE UNDER PROJECT J8S3239

50' EXIST. UTILITY ESM'T

SL

(R)

(D.N.D.)

BEGINS AT A POINT APPROX. 19.20'
EAST & 567.31' NORTH OF THE 1/4
CORNER OF SECTIONS 26 & 27, T29N R23W.

1/4 CORNER OF SECTIONS 26 & 27,
T29N R23W 567.63', N01°56'16"E
TO BEGINNING OF PROJECT.

+53.48
28.17'
+53.48
31.17'

TAPER END OF C&G
(U.I.P.)

EXISTING R/W

R 90'

R 87'

END COLDMILLING DEPTH TRANSITION
BEGIN 2" OVERLAY
STA. 51+09.01 ℄ RTE_MM

EOP
C&G

+99.20
35.00'

PI STA 51+99.20
Δ = 0°27'0" RT.

EX. EOS

8" CONC.
MEDIAN

STA. 544+07.60 CL (RTEI-44) =
STA. 46+86.90 CL (RTEMM)

SAWCUT

S01°49'27"W

S02°16'27"W

RTEMM
℄ ROUTE MM

SECTION LINE

74°

BEGIN PROJECT
STA 48+58.54

BEGIN COLDMILLING
DEPTH TRANSITION
STA. 49+09.01

8" CONC.
MEDIAN

2" MILL/FILL

SAWCUT

MATCHLINE STA. 52+45.00

EX. EOS

+58.54
18.02'

U.I.P.

+09.01
19.49'

CP #117

(R)

EOP
C&G

(R)

(R)

TAPER END OF C&G

8" CONC.
MEDIAN

(R)

EXISTING R/W

+07.70
40.55'

+64.09
30.87'

+64.09
33.87'

+98.93
35.00'

SL

℄ RTEI-44

R 65'

R 80'

APPROXIMATE
SINKHOLE
LOCATION

+25.00
75.00'

(R)

+19.16
129.76'

SAWCUT

PROPOSED R/W PURCHASE
UNDER PROJECT J8S3239

+00.00
115.00'

+39.52
127.88'

ROUTE I-44
EB OFF RAMP
RAMP C

SE1/4 SE 1/4
22-29N-23W

LAND SOLUTIONS LLC
SEE PROJECT J8S3239 FOR
LAND ACQUISITION

SCALE
0 20 40 60

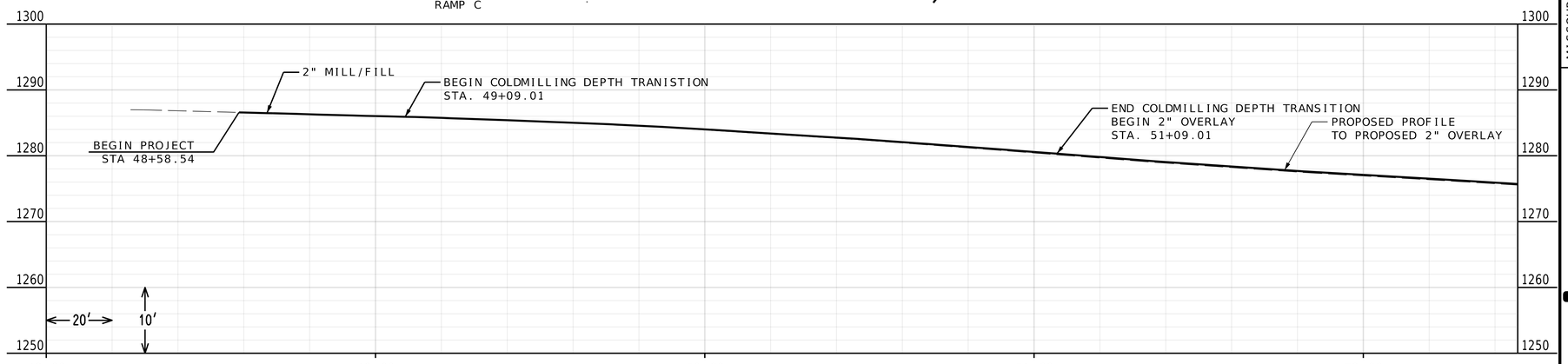
GENERAL NOTE:
THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.

RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STA. 54+23.16 TO STA. 20+26.86, ROUTE MM, A DISTANCE OF 1.322 MILES. PERMANENT EASEMENT LIMITS FOR THIS PROJECT EXTEND FROM STA. 54+85.00 TO STA. 107+32.30, ROUTE MM, A DISTANCE OF 0.994 MILES. TEMPORARY EASEMENT LIMITS FOR THIS PROJECT EXTEND FROM STA. 63+80.00 TO STA. 20+26.61, ROUTE MM, A DISTANCE OF 1.141 MILES.

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.

ALL DRIVEWAY RADII ARE 10' UNLESS OTHERWISE MARKED.



PLAN PROFILE SHEET
SHEET 1 OF 20

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE MM | STATE MO
DISTRICT SW | SHEET NO. 4
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

M&S PROPERTIES OF SPFD, LLC
SEE SHEET 4

SW1/4 SW 1/4
23-29N-23W

20' EXIST. SAN. SEWER ESM'T

PROPOSED UTILITY ESM'T PURCHASED UNDER PROJECT J8S3239

PROPOSED R/W PURCHASED UNDER PROJECT J8S3239

+95.00 120.00'
+35.80 11.38'
+35.81 10.02'
EXISTING COUNTY R/W
SAWCUT
+04.88 120.00'
+23.16 120.00'
+50.00 120.00'
(R)
W. FARM RD 140
SEE SHEET 23 FOR FR 140 PROFILES
NW1/4 NW1/4
26-29N-23W

STA. 5+57.25 FR140E
127' X 18" GROUP A PIPE (18")
2-18" GROUP A FES

01
AUSTIN, KENNETH W TR
43,515 SF NEW R/W
32.9 ACRES REMAINING

+00.00 75.00'
+00.00 65.00'
+55.00 65.00'
+62.25 75.00'
(D.N.D.)
(D.N.D. C&G)
EXISTING ESM'T
R 75'
OBLITERATE
55
+00.00 70.00'
R 100'
ROCK LINING
TENTATIVE R/W
+54.80 35.00'
SL
4' F.B.D.
4' F.B.D. LT
EOP
+33.16 35.00'
EXISTING R/W
C&G
+19.52 38.00'
+37.13 35.00'
TYPE A GUTTER
+19.52 35.00'
+37.59 38.00'
EX. EOS
STA. 54+23.16 ℄ (RTEMM)=
STA. 5+00.00 ℄ (FR140E)
90°0'0"
SECTION LINE
8" CONC. MEDIAN
S02°16'27"W
RTEMM
℄ ROUTE MM
MATCHLINE STA. 52+45.00
MATCHLINE STA. 58+05.00
STA. 54+25.53 ℄ (RTEMM)=
STA. 5+00.00 ℄ (FR140W)
+41.70 35.00'
+09.36 35.00'
+24.08 35.00'
+24.08 38.00'
+42.11 37.85'
+09.36 38.00'
4'
15' EXIST. UTILITY ESM'T
ROCK LINING
TYPE A GUTTER
PROPOSED R/W PURCHASED UNDER PROJECT J8S3239
APPROXIMATE SINKHOLE LOCATION
+55.00 75.00'
+96.83 16.19'
+87.00 8.83'
+00.00 70.00'
OBLITERATE
SEE SHEET 22
FOR DRIVEWAY REPLACEMENT
ALONG FR 140
15' PERM. UTILITY ESM'T
+85.00 85.00'
APPROXIMATE SINKHOLE LOCATION
20' EXIST. SAN. SEWER ESM'T
+95.00 120.00'
+07.98 120.00'
+25.53 120.00'
+47.98 120.00'
+50.00 120.00'
EXISTING CITY R/W

LAND SOLUTIONS LLC
SEE SHEET 4

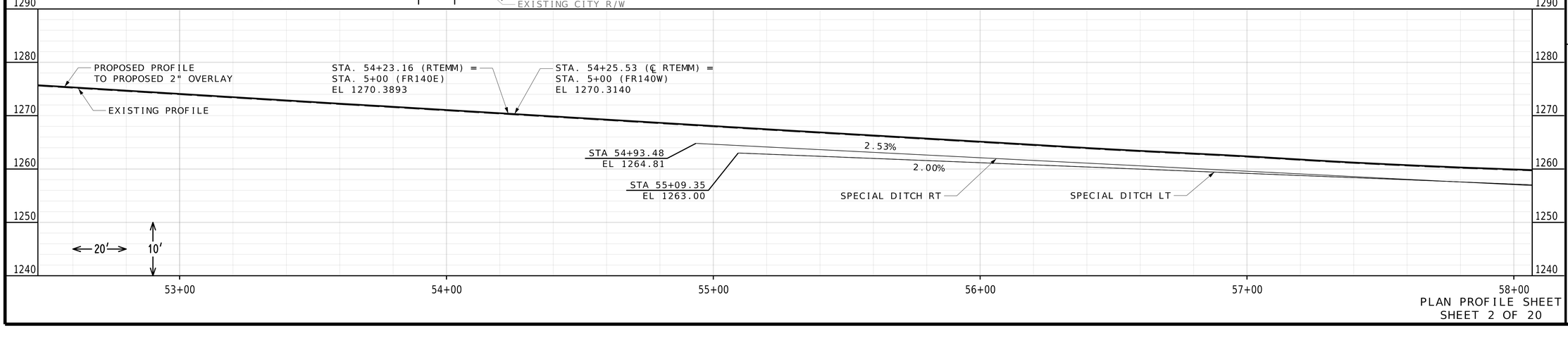
SE1/4 SE 1/4
22-29N-23W

02
MCGUIRE, HEATHER B
14,499 SF NEW R/W
5,954 SF PERM. UTILITY ESM'T
9,550 SF TEMP. CONST. ESM'T
4.7 ACRES REMAINING

STA. 4+42.17 FR140W
82' X 18" GROUP A PIPE (18")
2-18" GROUP A FES

NE1/4 NE1/4
27-29N-23W

SCALE
0 20 40 60



PLAN PROFILE SHEET
SHEET 2 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024
ROUTE MM
STATE MO
DISTRICT SW
SHEET NO. 5
COUNTY GREENE
JOB NO. J8S0836B
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PROJECT NO.
BRIDGE NO.

DESCRIPTION
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IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

(01)

AUSTIN, KENNETH W TR

SEE SHEET 5

APPROXIMATE SINKHOLE LOCATION

NW1/4 NW1/4
26-29N-23W

60

+04.62
31.00'

TENTATIVE R/W

SL

ROCK LINING

4' F.B.D.

TYPE A GUTTER

EXISTING R/W

EOP
C&G

(R)

+60.89
31.70'

+73.88
31.49'

+56.34
31.00'

MATCHLINE STA. 58+05.00

MATCHLINE STA. 63+65.00

SECTION LINE

SAWCUT

S02°16'27"W

℄ ROUTE MM

RTEMM

8" CONC. MEDIAN

+60.99
31.70'

+73.99
31.49'

+56.43
31.00'

15' EXIST. UTILITY ESM'T

EXIST. UTILITY ESM'T

15' PERM. UTILITY ESM'T

(02)

MCGUIRE, HEATHER B

SEE SHEET 5

NE1/4 NE1/4
27-29N-23W

(03)

MM FARM LLC

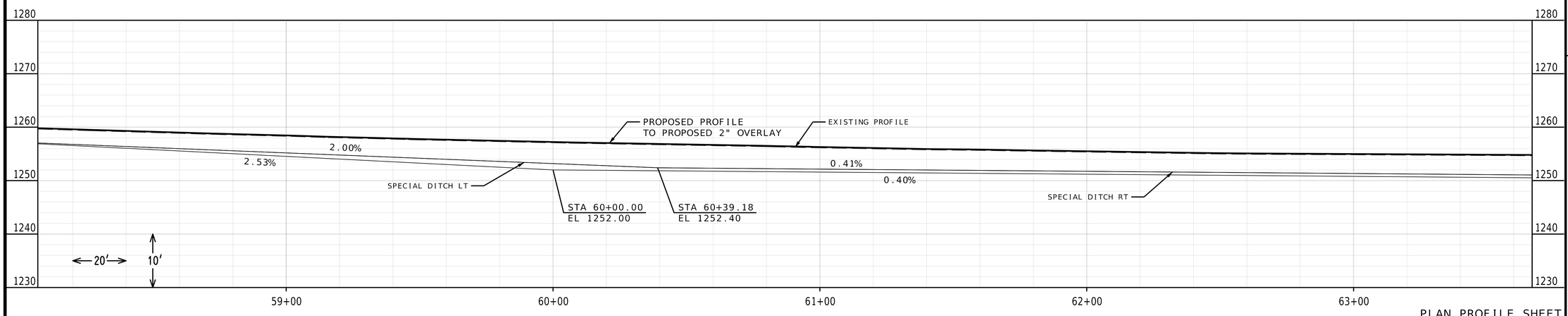
12,820 SF NEW R/W
4,808 SF PERM. UTILITY ESM'T
18.3 ACRES REMAINING

(04)

PLAZA SOUTHWEST LLC

21,981 SF NEW R/W
8,242 SF PERM. UTILITY ESM'T
15.9 ACRES REMAINING

SCALE
0 20 40 60



PLAN PROFILE SHEET
SHEET 3 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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AUTHORITY NO. 001592

01
AUSTIN, KENNETH W TR
SEE SHEET 5

APPROXIMATE SINKHOLE LOCATION

NW1/4 NW1/4
26-29N-23W

05
BEINE, SUSAN
7,521 SF NEW R/W
1,168 SF TEMP. CONST. ESM'T.
3.8 ACRES REMAINING

PAVED APPROACH (7")
STA. 67+30.02 ℄ RTE MM LT.
5.99% GRADE
20.0' WIDTH
18"X29' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

TEMP. CONST. ESM'T
+80.00
70.00'
+80.00
85.00'

T/4 1/4 SECTION LINE

SW1/4 NW1/4
26-29N-23W

07
KDEB PROPERTIES LLC ETAL
SEE SHEET 8

+00.00
85.00'
+00.00
70.00'

TENTATIVE R/W
65
SL
ROCK LINING
4' F.B.D.
TYPE A GUTTER
FES 65FES1
C&G
EOP
ROCK LINING
R 10.5'
R 10.5'
(R)
ROCK LINING
4' F.B.D.
ROCK LINING
SL
TYPE A GUTTER
EXISTING R/W

+79.34
31.00'
+96.44
31.00'
+37.44
31.00'
+61.34
31.00'
+74.34
31.00'

EXIST. EOS
SAWCUT
SECTION LINE
SAWCUT
S02°16'27"W
RTEMM
℄ ROUTE MM
8" CONC. MEDIAN

MATCHLINE STA. 63+65.00

MATCHLINE STA. 69+25.00

+79.43
31.00'
EXIST. EOS
(R)
(R)
+61.34
31.00'
+74.34
31.00'
EXISTING R/W
TYPE A GUTTER
FES 65FES2
15' EXIST. UTILITY ESM'T
C&G
EOP
TYPE A GUTTER
ROCK LINING
ROCK LINING
4' F.B.D.
SL
(R)
ROCK LINING
4' F.B.D.

TENTATIVE R/W

15' PERM. UTILITY ESM'T

SCALE
0 20 40 60

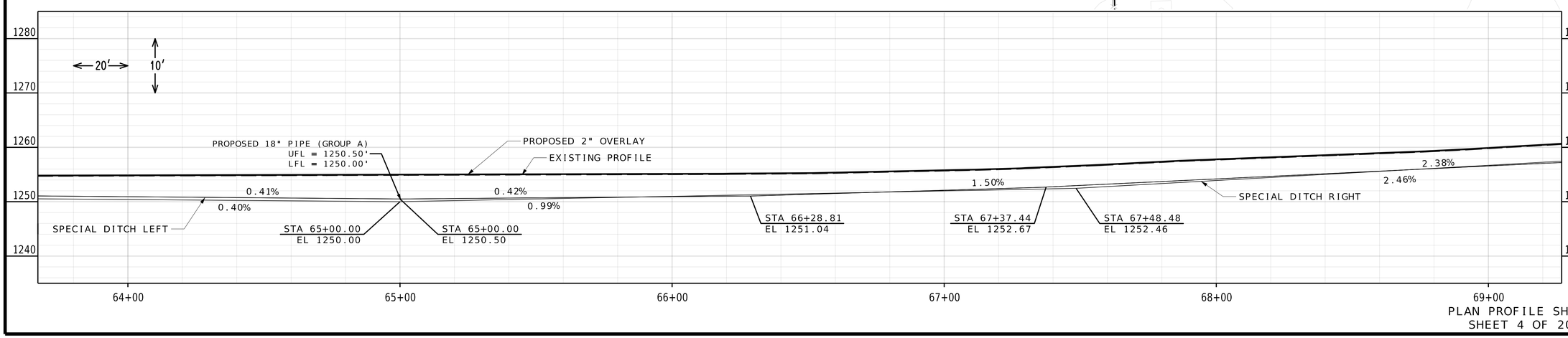
NE1/4 NE1/4
27-29N-23W

FES 65FES1, 65FES2, ℄ RTEMM
STA. 65+00.31
18"X84' GROUP A PIPE (18")
2-18" GROUP A F.E.S.

04
PLAZA SOUTHWEST LLC
SEE SHEET 6

SE1/4 NE1/4
27-29N-23W

06
MONETT APARTMENTS LLC
20,668 SF NEW R/W
7,750 SF PERM. UTILITY ESM'T
2,382 SF TEMP. CONST. ESM'T
1.9 ACRES REMAINING



PLAN PROFILE SHEET
SHEET 4 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED	
12/10/2024	
ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	7
COUNTY	
GREENE	
JOB NO.	
J8S0836B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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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SW1/4 NW1/4
26-29N-23W

07
KDEB PROPERTIES LLC ETAL
16,470 SF NEW R/W
2,130 SF TEMP. CONST. ESM'T.
20.6 ACRES REMAINING

08
MEESE, ELIZABETH E
3,451 SF NEW R/W
1,150 SF TEMP. CONST. ESM'T.
0.9 ACRES REMAINING

10
AVILA, RAMSES
CALEB ETAL
VELAZQUEZ, EMMA
AVILA ETAL
3,030 SF NEW R/W
1,010 SF TEMP.
CONST. ESM'T.
5.4 ACRES
REMAINING

PAVED APPROACH (7")
STA. 69+45.23 ℄ RTE MM LT.
6.13% GRADE
15' WIDTH
REMOVE 15" CMP
18"X24' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

PAVED APPROACH (7")
STA. 72+68.45 ℄ RTE MM LT.
2.59% GRADE
12' WIDTH
REMOVE 12" CMP
18"X19' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

PAVED APPROACH (7")
STA. 73+74.95 ℄ RTE MM LT.
-2.09% GRADE
12.5' WIDTH
REMOVE 12" CMP
18"X20' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

PAVED APPROACH (7")
STA. 74+43.22 ℄ RTE MM LT.
-0.64% GRADE
12.5' WIDTH
REMOVE 12" CMP
18"X19' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

PAVED APPROACH (7")
STA. 74+76.16 ℄ RTE MM LT.
-0.13% GRADE
8' WIDTH
REMOVE 15" CMP
18"X19' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

70

+49.05
60.01'

+48.95
70.01'

+63.95
70.00'

+64.95
70.00'

TENTATIVE R/W

TEMP. CONST. ESM'T

TEMP. CONST. ESM'T

SL

ROCK LINING

ROCK LINING

ROCK LINING

ROCK LINING

4' F.B.D.

4' F.B.D.

4' F.B.D.

(R)

EXISTING R/W

TYPE B C&G

TYPE A GUTTER

MATCHLINE STA. 69+25.00

MATCHLINE STA. 74+85.00

+27.23
31.00'

+63.23
31.00'

+61.34
31.00'

+74.34
31.00'

+51.95
31.00'

+84.95
31.00'

+58.20
31.00'

+91.70
31.00'

+26.47
31.00'

8" CONC. MEDIAN

SAWCUT

SAWCUT

S02°16'27"W

RTEMM
℄ ROUTE MM

SECTION LINE

+83.51
31.00'

+22.51
31.00'

+55.10
31.00'

+91.10
31.00'

+61.34
31.00'

+74.34
31.00'

15' EXIST. UTILITY ESM'T

15' PERM. UTILITY ESM'T

(D.N.D.)
TREE

(D.N.D.)
HOUSE

(D.N.D.)
HOUSE

PAVED APPROACH (7")
STA. 70+03.01 ℄ RTE MM RT.
0.62% GRADE
18' WIDTH
REMOVE 12" CMP
18"X27' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

+84.01
70.00'

+84.01
108.07'

+26.58
70.00'

+27.08
107.98'

+40.81
70.00'

+40.94
113.53'

+83.05
113.66'

+83.07
107.50'

+90.93
107.53'

+90.81
70.00'

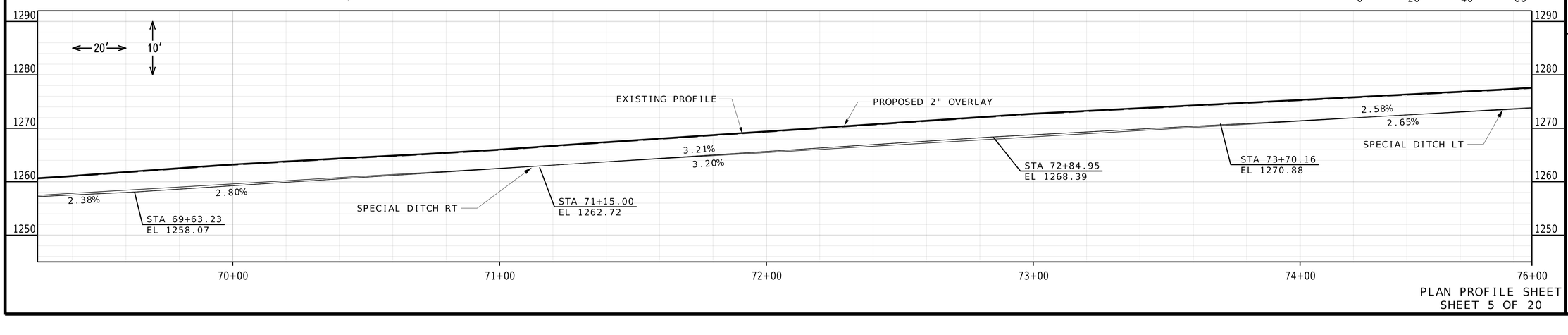
PAVED APPROACH (7")
STA. 70+73.10 ℄ RTE MM RT.
1.57% GRADE
15' WIDTH
REMOVE 12" CMP
18"X28' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

SE1/4 NE1/4
27-29N-23W

06
MONETT APARTMENTS LLC
SEE SHEET 7

09
ASSET HOLDINGS GROUP LLC
32,175 SF NEW MODOT R/W
11,592 SF PERM. UTILITY ESM'T
4,365 SF TEMP. ESM'T
36.2 ACRES REMAINING

SCALE
0 20 40 60



PLAN PROFILE SHEET
SHEET 5 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED: 12/10/2024
ROUTE: MM
STATE: MO
DISTRICT: SW
SHEET NO.: 8
COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION
DATE

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

olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
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AUTHORITY NO. 001592

SW1/4 NW1/4
26-29N-23W

(11)
JENKINS, JAMES W.
5,346 SF NEW R/W
1,782 SF TEMP. CONST. ESM'T.
6.7 ACRES REMAINING

(12)
WINDHAM, WILLIAM A.
2,697 SF NEW R/W
899 SF TEMP. CONST. ESM'T
0.9 ACRES REMAINING

(13)
OAK FOREST PROP
1384 S HWY MM LLC
10,725 SF NEW R/W
5,525 SF TEMP. CONST. ESM'T.
10.7 ACRES REMAINING

MATCHLINE STA. 74+85.00

MATCHLINE STA. 80+45.00

75

80

PAVED APPROACH (7")
STA. 76+12.74 ℄ RTE MM LT.
6.7' WIDTH
-0.41% GRADE
REMOVE EXIST. 18" CMP
18"X21' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

PAVED APPROACH (7")
STA. 77+24.85 ℄ RTE MM LT.
10' WIDTH
2.16% GRADE
REMOVE EXIST. 12" CMP
18"X24' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

PAVED APPROACH (7")
STA. 78+21.83 ℄ RTE MM LT.
23' WIDTH
4.43% GRADE
REMOVE EXIST. 12" CMP
18"X32' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

PAVED APPROACH (7")
STA. 79+67.64 ℄ RTE MM LT.
12.5' WIDTH
6.56% GRADE
REMOVE EXIST. 12" CMP
18"X22' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

+43.11
70.00'

+33.00
70.00'

+00.00
100.00'

+00.00
70.00'

+90.66
31.00'

+98.89
31.00'

+26.59
31.00'

+49.35
31.00'

+40.35
31.00'

+00.08
31.00'

+43.58
31.00'

+31.90
31.00'

+84.37
31.00'

+61.34
31.00'

+74.34
31.00'

+28.19
43.01'

+38.01
43.01'

+28.12
31.00'

+41.87
70.00'

TEMP. CONST. ESM'T

TENTATIVE R/W

ROCK LINING

4' F.B.D. LT

TYPE A GUTTER

C&G

EOP

SL

EXISTING R/W

EXIST. EOS

SAWCUT

8" CONC. MEDIAN

S02°16'27"W

SECTION LINE

RTEMM

℄ ROUTE MM

15' EXIST. UTILITY ESM'T

4' F.B.D.

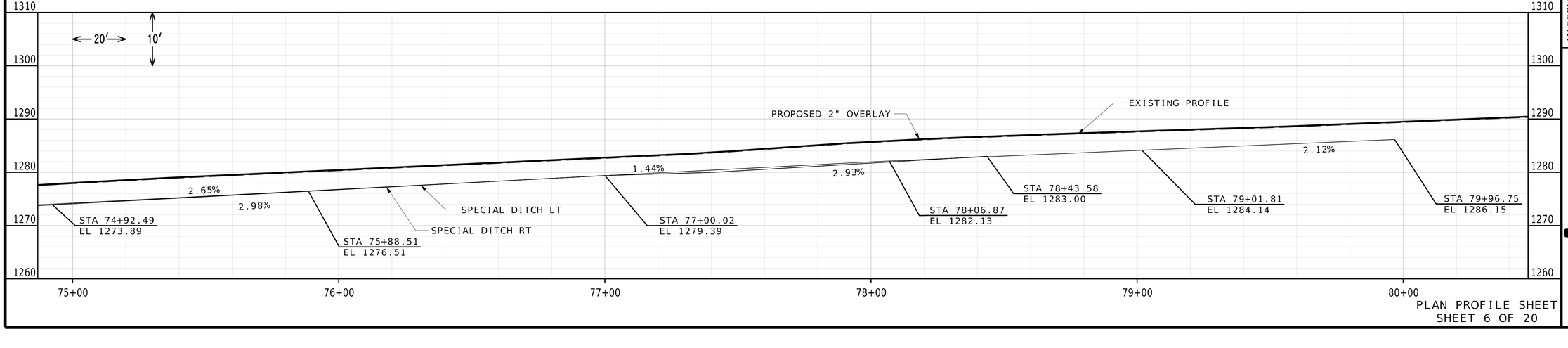
R153

15' PERM. UTILITY ESM'T

SCALE
0 20 40 60

(09)
ASSET HOLDINGS GROUP LLC
SEE SHEET 8

SE1/4 NE1/4
27-29N-23W



PLAN PROFILE SHEET
SHEET 6 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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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

(13)
OAK FOREST PROP-1384 S HWY MM LLC
SEE SHEET 9

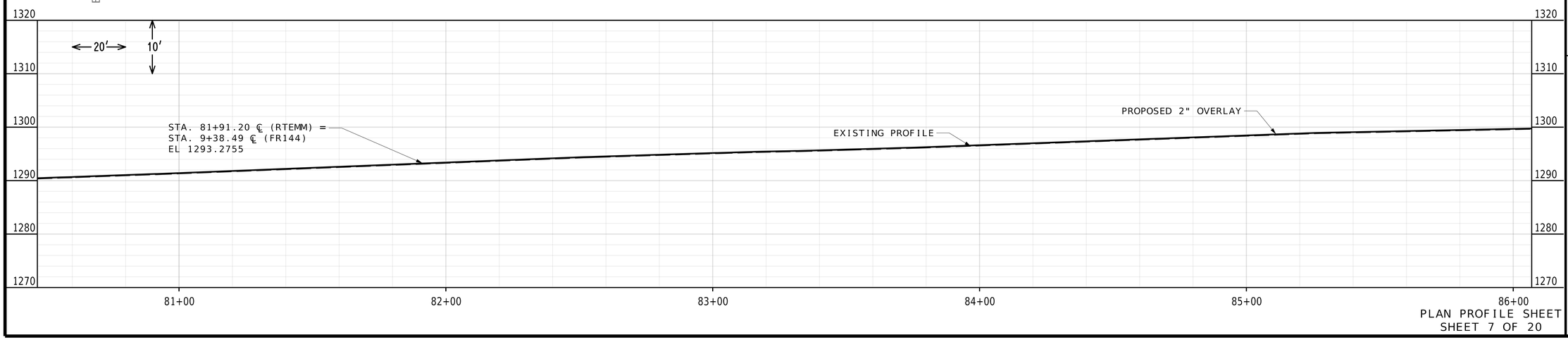
NW1/4 SW1/4
26-29N-23W

100' EXIST. UTILITY ESM'T

(14)
GARRETT, LEE TR ETAL
30,559 SF NEW R/W
22.0 ACRES REMAINING

SCALE
0 20 40 60

TEMP. CONST. ESM'T
+65.00 70.00'
+65.00 100.00'
1/4 SECTION LINE
+90.52 70.00'
+90.62 60.00'
+00.00 70.00'
TENTATIVE R/W
SW1/4 NW1/4
26-29N-23W
SL
85
4' F.B.D. LT
(R)
INLET 83T1
EOP
C&G
EXISTING R/W
8" CONC. MEDIAN
SAWCUT
RTEMM
℄ ROUTE MM
EXIST. EOS
S02°16'27"W
SECTION LINE
MATCHLINE STA. 80+45.00
MATCHLINE STA. 86+05.00
90.55°
8" CONC. MEDIAN
STA. 81+91.20 ℄ (RTEMM)=
STA. 19+38.49 ℄ (Farm Road 144 HCL)
+60.30 31.00'
+60.30 34.00'
R 153'
+95.69 52.83'
+13.10 R 31.00'
INLET 83T2
R 10'
+75.86 47.77'
R 100'
EXIST. 15' DRAINAGE, SANITARY SEWER, AND U/E ESM'T
AT&T FACILITIES ESM'T
FR 144 CL
S88°16'31"E
FES 83FES1
FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E
15' PERM. UTILITY ESM'T
EXISTING CITY R/W
R 78'
+75.03 56.57'
+83.88 56.58'
1.75" BP-1 OVER 5.75" PMBB
10' EXIST. UTILITY ESM'T
+92.68 52.92'
+39.98 79.09'
R 17.5'
+92.68 96.66'
+22.64 96.69'
SAWCUT
+70.30 91.54'
SL
+57.01 85.00'
+60.77 88.72'
TENTATIVE R/W
TEMP. CONST. ESM'T
EXIST. C&G
EXIST. C&G
C&G
TEMP. CONST. ESM'T
+62.00 105.00'
+60.00 105.00'
+70.06 127.37'
+02.65 127.37'
SAWCUT
15' EXIST. UTILITY ESM'T
TEMP. CONST. ESM'T
EXIST. CITY R/W
EXIST. CITY R/W
(15)
MURFIN INC
22,102 SF NEW R/W
23,816 SF NEW CITY R/W
49,696 SF TEMP. ESM'T.
8.0 ACRES REMAINING
NE1/4 SE1/4
27-29N-23W
+40.17 89.46'
+33.13 115.74'
R 153'
EXIST. UTILITY ESM'T
PAVED APPROACH (8")
STA. 85+87.68 ℄ ROUTE MM RT
33.4' WIDTH
GRADE = 3.84%
REMOVE EXIST. 18" RCP



PLAN PROFILE SHEET
SHEET 7 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

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(14)
GARRETT, LEE TR ETAL
SEE SHEET 10

10' EXIST. UTILITY ESM'T

PAVED APPROACH (7")
STA. 87+01.06 ℄ RTE MM LT.
9' WIDTH
-2.36% GRADE

PAVED APPROACH (7")
STA. 88+98.88 ℄ RTE MM LT.
12' WIDTH
-2.44% GRADE

NW1/4 SW1/4
26-29N-23W

(17)
THOMAS, RANDY
22,740 SF NEW R/W
11.8 ACRES REMAINING

PAVED APPROACH (7")
STA. 90+99.10 ℄ RTE MM LT.
12' WIDTH
-5.40% GRADE
REMOVE EXIST. 12" CMP

MATCHLINE STA. 86+05.00

TENTATIVE R/W
4' F.B.D. LT
+92.60 70.00'
+86.25 31.00'
+16.06 31.00'
+82.38 31.00'
+15.38 31.00'
+82.60 31.00'
+15.60 31.00'
EOP C&G
EXISTING R/W
SL
INLET 88T1
INLET 90T1
P1 STA 86+92.60
Δ = 0°14'14" RT
S02°16'27"W
SECTION LINE
S02°30'41"W
RTEMM
℄ ROUTE MM
EXIST. EOP
SAWCUT
8" CONC. MEDIAN
+24.02 31.00'
INLET 86T1
EOP C&G
R13.5'
+15.07 31.00'
+54.07 31.00'
+44.63 31.00'
INLET 90T2
EXISTING CITY R/W
15' EXIST. UTILITY ESM'T
10' PERM. UTILITY ESM'T
+27.54 80.00'
+27.54 70.00'
+27.54 56.81'
+92.60 70.00
+20.00 70.00'
+20.00 80.00'
+50.00 80.00'
+50.00 70.00'
+44.63 43.00'
+54.46 43.00'
+65.00 70.00'
10' EXIST. UTILITY ESM'T
FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E
15' EXIST. UTILITY ESM'T
10' EXIST. UTILITY ESM'T
TEMP. CONST. ESM'T
10' EXIST. ELECTRIC LINE ESM'T
FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E
PAVED APPROACH (7")
STA. 87+34.57 ℄ RTE MM RT.
12.5' WIDTH
2.66% GRADE

(16)
RED MONKEY FOODS PROP HOLDINGS
12,580 SF NEW R/W
8,254 SF PERM. UTILITY ESM'T
1,198 SF TEMP. CONST. ESM'T.
10.1 ACRES REMAINING

NE1/4 SE1/4
27-29N-23W

SCALE
0 20 40 60

MATCHLINE STA. 91+65.00

1320
1310
1300
1290
1280
1270
EXISTING PROFILE
PROPOSED 2" OVERLAY
0.15%
1.00%
1.74%
SPECIAL DITCH LT
STA 87+15.00
EL 1296.91
STA 88+78.38
EL 1296.67
STA 90+78.60
EL 1294.67
20'
10'
87+00
88+00
89+00
90+00
91+00

PLAN PROFILE SHEET
SHEET 8 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024
ROUTE MM
STATE MO
DISTRICT SW
SHEET NO. 11
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

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

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

(17)
THOMAS, RANDY
SEE SHEET11

NW1/4 SW1/4
26-29N-23W

SW1/4 SW1/4
26-29N-23W

(19)
MCCALL, VIRGINIA TR ETAL
46,384 SF NEW R/W
325 SF TEMP CONST. ESM'T
77.9 ACRES REMAINING

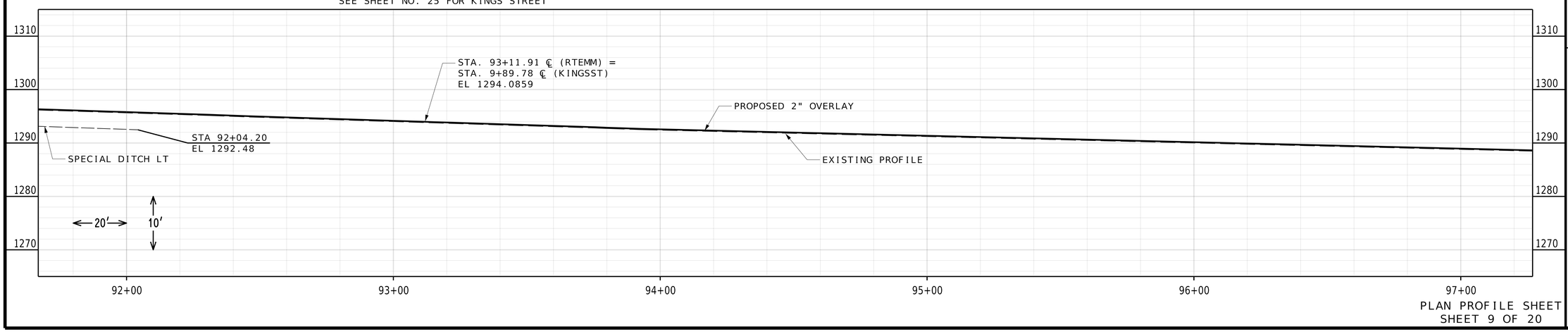
SCALE
0 20 40 60

TENTATIVE R/W
1/4 1/4 SECTION LINE
95
SL
(R)
4' F.B.D.
INLET 94T1
EOP
C&G
INLET 97T1
EXISTING R/W
MATCHLINE STA. 91+65.00
MATCHLINE STA. 97+25.00
8" CONC. MEDTAN
STA. 93+11.91 ℄ (RTEMM)
STA. 9+89.78 ℄ (KingsSt1)
SECTION LINE
90.91°
S02°30'41"W
RTEMM
℄ ROUTE MM
8" CONC. MEDIAN
SAWCUT
EXIST. EOS
+80.67
31.00'
+95.60
31.00'
8" CONCRETE MEDIAN
EXISTING R/W
R 153'
C&G
EOP
INLET 92T1
+91.72
47.61'
+31.34
57.56'
R178'
ADJUST
SAN. MH
10' EXIST.
UTILITY
ESM'T
+91.65
85.00'
+90.06
127.30'
PERM. UTILITY
ESM'T
FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E
TEMP. CONST. ESM'T
TENTATIVE R/W
S88°23'58"E
KingsSt1
℄ Kings Street
MODOT R/W
CITY R/W
+54.18
123.90'
+62.43
88.81'
+57.87
105.85'
R 60'
R 153'
+37.72
31.00'
INLET 94T2
INLET 97T2
EXISTING CITY R/W
SL
5' EXIST. UTILITY ESM'T
15' EXIST. UTILITY ESM'T
10' EXIST. UTILITY ESM'T
10' EXIST. UTILITY ESM'T
TENTATIVE R/W
PERM. UTILITY ESM'T
+38.15
90.00'
+60.00
75.00'
25' EXIST. UTILITY ESM'T
FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E
PERM. BUILDING SETBACK
& UTILITY ESM'T.
PERM. SANITARY
SEWER ESM'T.
+79.04
134.19'
+73.79
134.19'
8+15.77
10' EXIST.
UTILITY ESM'T
15' EXIST. BUILDING SETBACK
& EXIST. UTILITY ESM'T
EXISTING CITY R/W
SEE SHEET NO. 25 FOR KINGS STREET

(16)
RED MONKEY FOODS
PROP HOLDINGS
SEE SHEET 11
NE1/4 SE1/4
27-29N-23W
+94.55
186.47'
NO PASSING ANY TIME

(18)
STORE MASTER FUNDING XI LLC
11,220 SF NEW MODOT R/W
1,918 SF NEW CITY R/W
3,768 SF PERM. UTILITY ESM'T
2,452 SF PERM. BUILD. SETBACK & UT ESM'T
1,730 SF PER. SANITARY SEWER ESM'T
388 SF. TEMP. CONST. ESMT.
3.5 ACRES REMAINING
SE1/4 SE1/4
27-29N-23W

PAVED APPROACH (8")
STA. 8+15.77 ℄ KINGS STREET RT.
26.5' WIDTH
GRADE = 0.85%



PLAN PROFILE SHEET
SHEET 9 OF 20

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024
ROUTE: MM
STATE: MO
DISTRICT: SW
SHEET NO.: 12
COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

(19)
MCCALL, VIRGINIA TR ETAL
SEE SHEET12

(21)
ERWIN, GREGGORY
6,400 SF NEW R/W
0.8 ACRES REMAINING

SW1/4 SW1/4
26-29N-23W

(19)
MCCALL, VIRGINIA TR ETAL
SEE SHEET12

SCALE
0 20 40 60

PAVED APPROACH (7")
STA. 99+38.65 ℄ RT
-3.39% GRADE
10.0' WIDTH

PAVED APPROACH (7")
STA. 100+24.35 ℄ RTE MM LT
-4.45% GRADE
10.0' WIDTH

+82.30
70.00'

100

TENTATIVE R/W

SL

4' F.B.D. LT

EOP
C&G

(R)

INLET 99T1

INLET 100T1

+08.85
31.00'

+39.85
31.00'

INLET 102T1

EXISTING R/W

+22.85
31.00'

+53.85
31.00'

PI STA 99+82.30
Δ = 0°8'18" LT

EXIST. EOS

SAWCUT

MATCHLINE STA. 97+25.00

SECTION LINE

S02°30'41"W

S02°22'23"W

MATCHLINE STA. 102+85.00

RTEMM
℄ ROUTE MM

8" CONC. MEDIAN

+53.29
40.30'

+84.28
40.99'

EXIST. 5' UTILITY ESM'T

EXIST. 10' UTILITY ESM'T

INLET 100T2

INLET 101T1

INLET 102T2

+95.56
41.24'

4' F.B.D. RT

FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E

PERM. UTILITY ESM'T

+82.30
75.00'

+82.30
90.00'

+50.00
111.00'

+50.00
75.00'

+85.00
111.00'

+85.00
75.00'

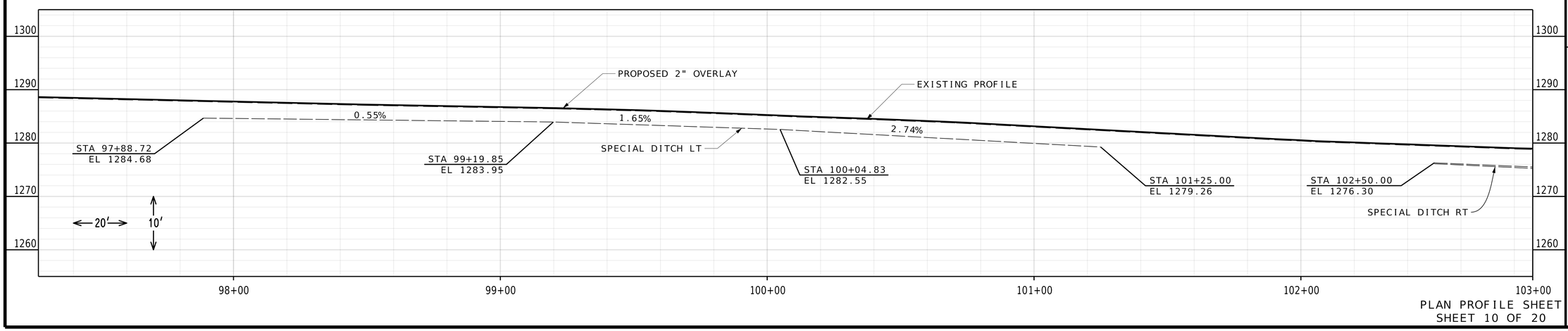
TEMP. CONST. ESM'T

APPROXIMATE
SINKHOLE
LOCATION

SE1/4 SE1/4
27-29N-23W

PAVED APPROACH (7")
STA. 100+68.03 ℄ RTE MM RT.
4.00% GRADE
9' WIDTH

(20)
TCS LAND INVESTMENT LLC
47,563 SF NEW R/W
15,486 SF PERM. UTILITY ESM'T
1,260 SF TEMP. CONST. ESM'T.
18.2 ACRES REMAINING



PLAN PROFILE SHEET
SHEET 10 OF 20

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

SCALE
0 20 40 60

(19)
MCCALL, VIRGINIA TR ETAL
SEE SHEET12

SW1/4 SW1/4
26-29N-23W

AGGREGATE DRWY.
STA. 1+09.00 ℄ FR 148 LT.
8' WIDTH

EXISTING CITY R/W

+15.38
125.00'
+30.48
109.00'
+30.38
125.10'
+40.29
122.31'

SAWCUT

EXISTING CITY R/W

NW1/4 NW1/4
35-29N-23W

+86.29
122.31'
+55.48
109.00'
SL

TEMP. CONST. ESM'T

+15.55
97.72'

PLUG WELL

FR 148 CL
℄ FR 148

(D.N.D.)

+92.90
70.00'

+78.89
70.00'

105

TENTATIVE R/W

+87.62
31.00'

4' F.B.D. LT

SL

INLET 105T1

(R)

INLET 104T2

INLET 104T3

INLET 105T4

INLET 106T1

EOP
C&G

+65.29
31.00'

S87°57'31"E

SECTION LINE

R 85'

R175'

FES 4FES1

(R)

INLET 4T1

EXISTING R/W

PI STA 105+92.90
Δ = 0°19'54" LT

STA. 107+52.92 (℄ RTEMM)
STA. 0+00.00 (℄ FR148)

MATCHLINE STA. 102+85.00

EXIST. EOS

(R)

SAWCUT

SAWCUT

SECTION LINE

S02°22'23"W

INLET 105T2

S02°02'29"W

RTEMM (℄ ROUTE MM)

90°

SAWCUT

8" CONC. MEDIAN

MATCHLINE STA. 4+70.00

EXIST. EOS

(R)

SAWCUT

EXISTING R/W

EQUATION:
STA 107+56.19 BK =
STA 3+80.96 AH

(R)

INLET 104T1

EXIST. 5' UTILITY ESM'T

INLET 104T4

(R)

INLET 105T3

INLET 105T5

+92.90
41.00'

INLET 106T2

EOP C&G

(R)

INLET 4T2

EXIST. 10' UTILITY ESM'T

(R)

SL

TENTATIVE R/W

ROCK LINING

PERM. UTILITY ESM'T

+92.90
75.00'

+92.90
90.00'

FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E

+32.26
75.00'

+81.41
75.00'

+32.30
90.00'

EXISTING R/W

EXISTING 10'
UTILITY ESM'T

EXISTING 15'X20'
UTILITY ESM'T

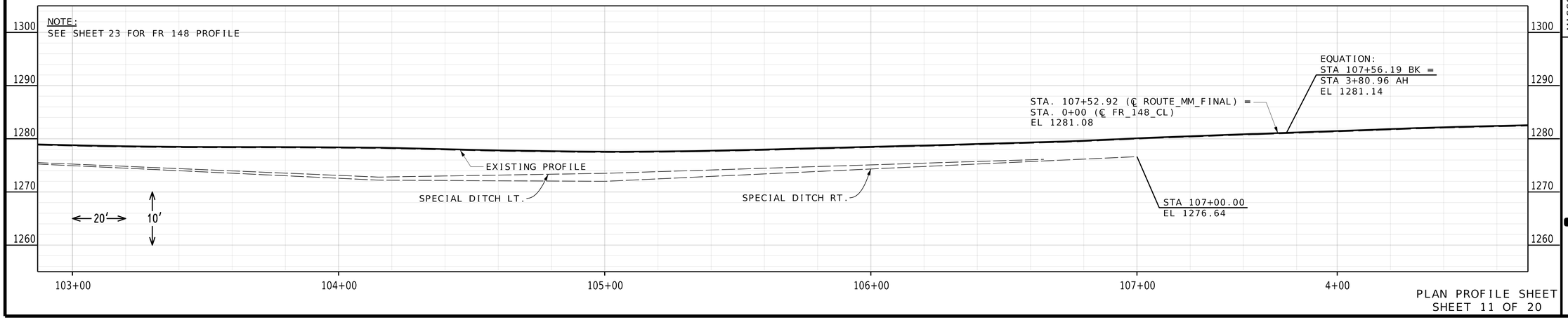
EXIST.
UTILITY
ESM'T

EXISTING 10'
UTILITY ESM'T

(20)
TCS LAND INVESTMENT LLC
SEE SHEET 13

SE1/4 SE1/4
27-29N-23W

NE1/4 NE1/4
34-29N-23W



PLAN PROFILE SHEET
SHEET 11 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
GREENE

JOB NO.
J8S0836B

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)

MoDOT

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

PSQUAREDSTORAGE LLC
NO ACQUISITION

NW1/4 NW1/4
35-29N-23W

S2J HOLDINGS LLC
NO ACQUISITION

SCALE
0 20 40 60

MATCHLINE STA. 4+70.00

MATCHLINE STA. 10+30.00

5

10

EXISTING R/W

SAWCUT

FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E

SL

+71.55
31.00'

+64.28
31.00'

4' F.B.D. LT

C&G

EOP

PAVED APPROACH (8")
STA. 7+31.33 LT
GRADE = 2.46%
30' WIDTH

+44.42
35.00'

FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E

MANHOLE 9M1

+03.66
31.87'

(R)

+60.65
33.14'

EXIST. EOS

8" CONC. MEDIAN

SECTION LINE

S02°02'22"W

RTEMM
℄ ROUTE MM

SAWCUT

+07.11
36.89'

(R)

+53.11
35.87'

(R)

8" CONC. MEDIAN

EXIST. EOS

(R)

(R)

+22.17
41.00'

SL

EOP

C&G

(R)

+92.31
35.00'

SAWCUT

(D.N.D.) GATE

EXISTING R/W

+05.00
88.58'

+60.00
68.58'

+05.00
110.00'

+60.00
110.00'

TEMP. CONST. ESM'T

PAVED APPROACH (8")
STA. 7+32.22 RT
GRADE = -6.28%
25.0' WIDTH

EXIST. 10' UTILITY ESM'T

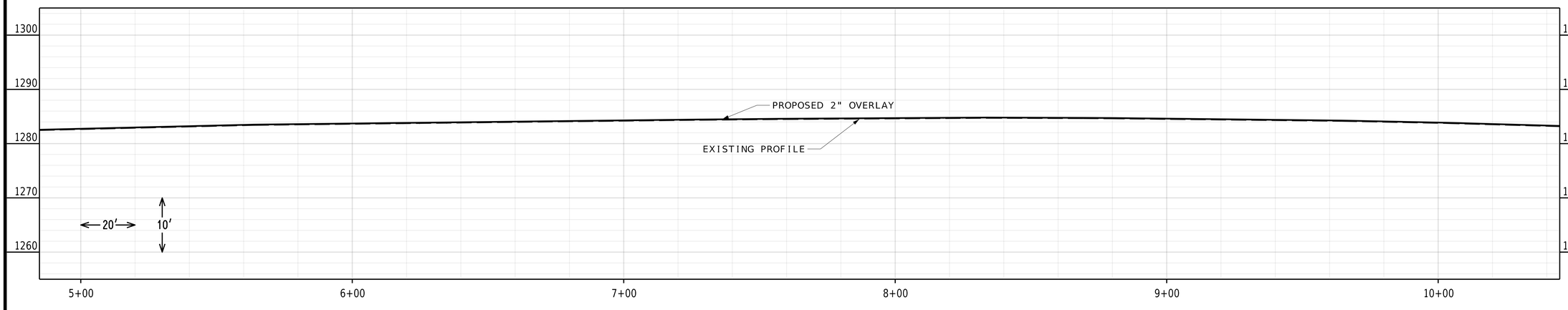
EXIST. 10' ELECTRIC LINE ESM'T (UNDERGROUND)

NE1/4 NE1/4
34-29N-23W

22

OLD C-W VENTURES INC ETAL
HAMMIT-EOFF PROPERTIES LLC ETAL

2,119 SF NEW R/W
1,178 SF TEMP. CONST ESM'T.
8.9 ACRES REMAINING



PLAN PROFILE SHEET
SHEET 12 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE MM | STATE MO
DISTRICT SW | SHEET NO. 15
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

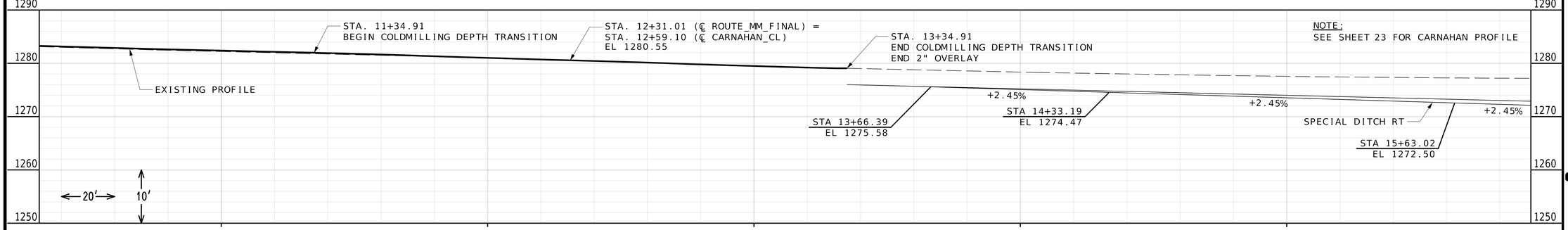
DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

EXISTING 150' ELECTRIC ESM'T
EXISTING 150' ELECTRIC ESM'T
EXISTING R/W
10' UTILITY ESM'T
NW1/4 NW1/4
35-29N-23W
EXISTING R/W
SCALE
0 20 40 60
24
1ST BAPTIST CHURCH OF BROOKLINE
15
FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E
PAVED APPROACH (8")
STA. 12+31.01 LT
GRADE = 5.62%
36' WIDTH
TEMP. CONST. ESM'T
+00.00 98.58'
+00.00 88.54'
+60.00 88.59'
+60.00 98.58'
FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E
SEE SHEET 17
END COLDMILLING DEPTH TRANSITION
END 2" OVERLAY
STA. 13+34.91 (℄ RTEMM)
+74.98 35.00'
OBLITERATE
EOP
C&G
INLET 11T1
(R)
+93.17 35.00'
+69.17 35.00'
SL
INLET 13T1
C&G
EOP
INLET 15T1
INLET 15T3
MATCHLINE STA. 10+30.00
BEGIN COLDMILLING DEPTH TRANSITION
STA. 11+34.91 (℄ RTEMM)
STA. 12+31.01 ℄ (RTEMM)=
STA. 12+59.10 ℄ (Carnahan)
8" CONC. MEDIAN
8" CONC. MEDIAN
SAWCUT
RTEMM
℄ ROUTE MM
S02°02'22"W
SECTION LINE
30.28°
S88°14'35"E
8" CONC. MEDIAN
SAWCUT
SAWCUT
SAWCUT
SAWCUT
(R)
(R)
MATCHLINE STA. 15+90.00
EOP
C&G
(R)
INLET 11T2
(R)
+19.26 35.00'
Carnahan
℄ CARNAHAN
INLET 13T2
C&G
EOP
+66.36 35.00'
INLET 15T2
INLET 15T4
SL
4' F.B.D
(D.N.D.)
R.98'
R.98'
+26.07 43.06'
EXISTING R/W
EXISTING R/W
EXISTING 10' UTILITY ESM'T
EXISTING 150' ELECTRIC ESM'T
EXIST. 5.23' X 41.25' UTILITY ESM'T
+00.00 88.58'
S88°14'35"E
+60.00 91.57'
EXISTING 10' UTILITY ESM'T
(R)
(R)
(R)
(R)
+26.66 14.41'
EXIST. 10' UTILITY ESM'T
+20.37 15.59'
EXISTING 25' DRAINAGE AND UTILITY ESM'T
22
OLD C-W VENTURES INC ETAL
HAMMIT-EOFF PROPERTIES LLC ETAL
SEE SHEET 15
TENTATIVE R/W
TENTATIVE R/W
23
HERRMAN REALTY CO
2,130 SF NEW R/W
12.0 ACRES REMAINING
+19.68 30.00'
+01.70 139.57'
C&G
C&G
+61.70 139.57'
+19.39 30.00'
+88.31 17.41'
+88.31 14.41'
+88.31 18.59'
+88.31 15.59'
SAWCUT
EXISTING 25' UTILITY ESM'T
NE1/4 NE1/4
34-29N-23W
EXISTING CITY R/W



PLAN PROFILE SHEET
SHEET 13 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED	
12/10/2024	
ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	16
COUNTY	
GREENE	
JOB NO.	
J8S0836B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

SW1/4 NW1/4
35-29N-23W

24

1ST BAPTIST CHURCH OF BROOKLINE

6,300 SF NEW R/W
5,314 SF TEMP. CONST. ESM'T.
12.0 ACRES REMAINING

P S & CO PROPERTY LLC
NO ACQUISITION

NW1/4 NW1/4
35-29N-23W

EXISTING 10' UTILITY ESM'T

EXISTING R/W

SCALE
0 20 40 60

FES 16FES1
FES 16FES3
(R)
INLET 16T1
INLET 16T5
SL
+20.88
34.99'
+11.64
65.00'
+11.73
50.00'
+20.57
31.00'
1.75" BP-1
TEMP. CONST. ESM'T
SAWCUT
TYPE S CURB
FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E
+26.61
65.00'
+26.71
50.00'
+39.45
31.00'
FES 20FES1
SL
INLET 16T3
INLET 17T1
C&G
EOP
TENTATIVE R/W
(R)
FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E

MATCHLINE STA. 15+90.00

PI STA 16+26.03
Δ = 0°07'59" RT

EXISTING R/W

(R) DRIVEWAY

TS STA 20+39.45

TYPE A PIPE COLLAR
TYPE A PIPE COLLAR
SAWCUT

8" CONC. MEDIAN
INLET 19T1

S02°02'22"W
S02°10'21"W

RTEMM
℄ ROUTE MM

SECTION LINE

SAWCUT
SAWCUT
SAWCUT
SAWCUT
TYPE A PIPE COLLAR

INLET 16T2
INLET 16T4
INLET 16T6
INLET 17T2
INLET 20T1
FES 20FES2
FES 16FES4
FES 16FES2
ROCK LINING
ROCK LINING

+20.56
35.00'
+20.61
31.00'
4' F.B.D.
C&G
EOP
+48.81
30.99'
+04.84
30.99'
+39.45
31.00'
4' F.B.D.

MATCHLINE STA. 21+50.00

1/4 1/4 SECTION LINE

EXISTING R/W

EXISTING 10' UTILITY ESM'T

EXISTING 10' UTILITY ESM'T

EXISTING 25' UTILITY ESM'T

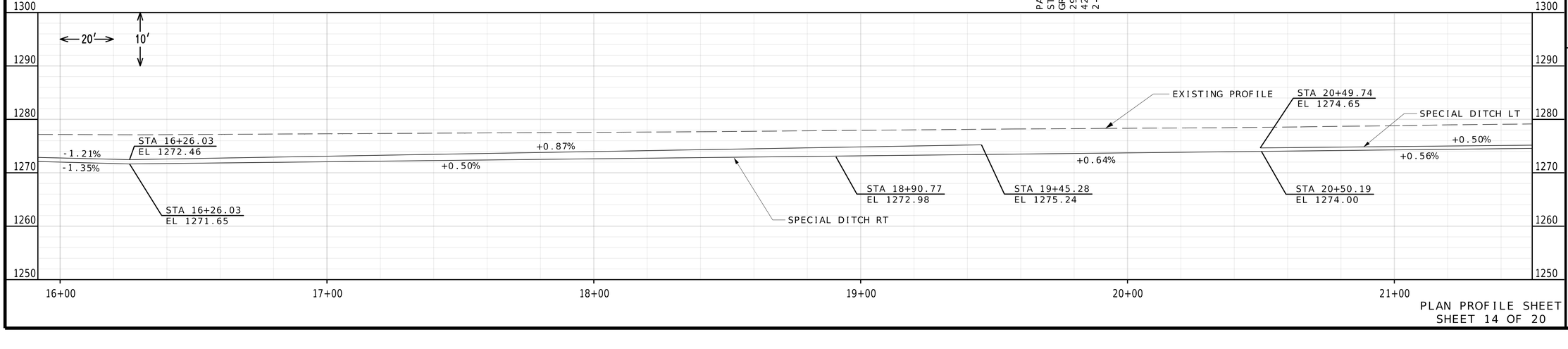
NE1/4 NE1/4
34-29N-23W

SE1/4 NE1/4
34-29N-23W

PAVED APPROACH (8")
STA. 19+77.12 RT
GRADE = 3.98%
29' WIDTH
42"X36" GROUP C PIPE (36")
2-36" GROUP C F.E.S.

MORELOCK FAMILY LIMITED PARTNERSHIP
NO ACQUISITION

APPROXIMATE
SINKHOLE
LOCATION



PLAN PROFILE SHEET
SHEET 14 OF 20

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	17

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

P S & CO PROPERTY LLC
SEE SHEET17

EXISTING 20' UTILITY ESM'T
EXISTING 10' UTILITY ESM'T
EXISTING R/W

SW1/4 NW1/4
35-29N-23W

SCALE
0 20 40 60

PAVED APPROACH (7")
STA. 22+22.87 LT
GRADE = 4.19%
20' WIDTH
38"X18" GROUP C PIPE (18")
2-18" GROUP C F.E.S.

4' F.B.D.

SL

25

R 2327.58'

+79.60
32.56'

FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E

SECTION LINE

C&G

EOP

(R)

R 4329.16'

ROCK
LINING

SC STA A 22+03.49

+02.27
29.83'

+43.53
29.89'

CS STA A 25+99.49

SAWCUT

8" CONC. MEDIAN

INLET 24T2

RTEMM
℄ ROUTE MM

SAWCUT

SAWCUT

MATCHLINE STA. 21+50.00

MATCHLINE STA. 27+10.00

SAWCUT

INLET 22T1

(R)

INLET 24T1

(R)

C&G

EOP

(R)

SAWCUT

SL

R 4208.57'

+88.83
29.36'

R 2265.58'

+51.01
23.88'

+02.26
31.00'

4' F.B.D.

EXISTING R/W

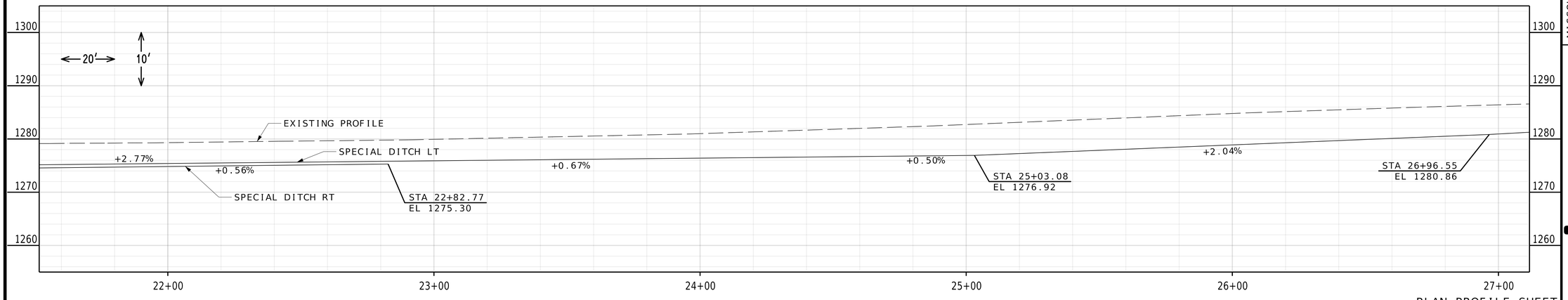
EXISTING 10' UTILITY ESM'T

MORELOCK FAMILY LIMITED PARTNERSHIP
SEE SHEET 17

APPROXIMATE
SINKHOLE
LOCATION

SE1/4 NE1/4
34-29N-23W

		PI	24+01.98
		SC	22+03.49
		CS	25+99.49
		Δ	9°52'46.2" (RT)
PI	26+54.18	D	2°29'41.4"
Ls	164.04'	L	396.00' (ARC)
Ys	3.91'	T	198.49'
Xs	163.99'	R	2,296.58'
LT	109.37'	TS	20+39.45
ST	54.69'	ST	27+63.53



PLAN PROFILE SHEET
SHEET 15 OF 20

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED	12/10/2024
ROUTE	MM
STATE	MO
DISTRICT	SW
SHEET NO.	18
COUNTY	GREENE
JOB NO.	J8S0836B
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

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

SW1/4 NW1/4
35-29N-23W

EXISTING R/W

FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E

+31.14
118.68'

+33.04
118.06'

ROUTE 360
WB OFF RAMP

END FULL DETPH PAVEMENT
STA. 29+31.14 LT

R 95'

EOP

EXIST. EOS

SL

SECTION LINE

+93.13
46.62'

+93.13
43.62'

+03.13
46.70'

+54.80
54.35'

4' F.B.D.

EOP

C&G

ST STA A 27+63.58

(R)

CP#115

SAWCUT

(R)

MATCHLINE STA. 27+10.00

8" CONC. MEDIAN

SAWCUT

EOP

+40.66
34.88'

SL

(D.N.D.)

(D.N.D.)

(D.N.D.)

END FULL DEPTH PAVEMENT
STA. 27+40.66 RT

ROUTE 360
WB ON RAMP

EXISTING R/W

SE1/4 NE1/4
34-29N-23W

30

1/4 SECTION LINE

NW1/4 SW1/4
35-29N-23W

STA. 98+79.28 ℄ ROUTE 360 (JAMES RIVER FREEWAY)=
STA. 32+73.11 ℄ (RTEMM)

STA 32+80.83

S16°08'40"W

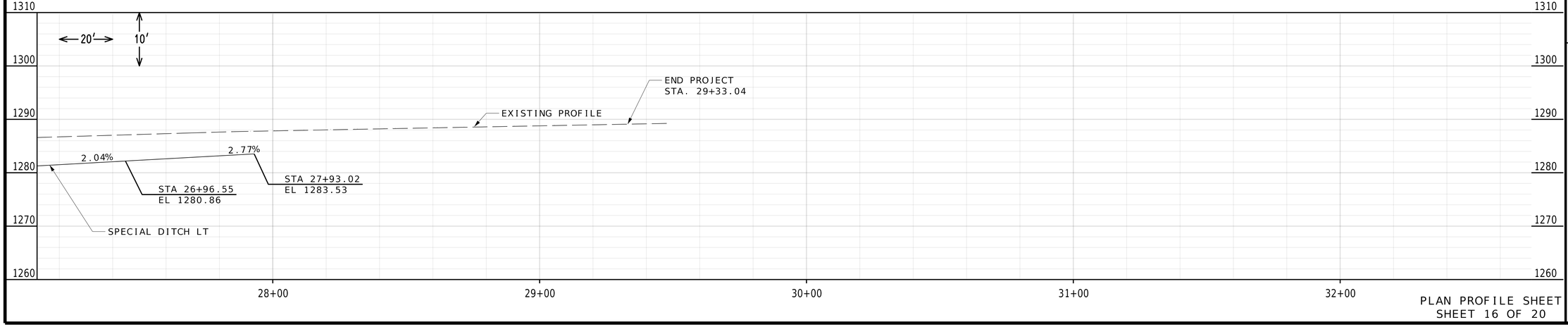
RTEMM
℄ ROUTE MM

END PROJECT
STA 29+33.04

℄ Feature With Name Feature Name

NE1/4 SE1/4
34-29N-23W

SCALE
0 20 40 60



PLAN PROFILE SHEET
SHEET 16 OF 20

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE MM
STATE MO
DISTRICT SW
SHEET NO. 19
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

09
ASSET HOLDINGS GROUP LLC
SEE SHEET 8

09
ASSET HOLDINGS GROUP LLC
SEE SHEET 8

26
MARBLE, LARRY L
251 SF NEW CITY R/W
1,316 SF TEMP. ESM'T
0.7 ACRES REMAINING

27
AMPROD LLC
1,002 SF TEMP. ESM'T
12.4 ACRES REMAINING

15
MURFIN INC
SEE SHEET 10

TENTATIVE CITY R/W
EXISTING CITY R/W
TEMP. CONST. ESM'T
EXISTING UTILITY EASEMENT
15' DRAINAGE SANITARY SEWER, AND U/E ESM'T
PAVED APPROACH (7")
STA. 13+68.21 ℄ FR144 LT
17'- WIDTH
SAWCUT
BEGIN CONSTRUCTION
STA 10+00.00
PC STA 11+56.03
PT STA 13+86.73
EOP
℄ FR 144
MATCHLINE STA. 14+30.00
1.75" BP-1
S88°24'05"E
S73°42'53"E
R 912'
R 888'
R 91.5'
R 108.5'
R 10'

PI 12+72.02
PC 11+56.03
PT 13+86.73
Δ 14°41'12.2" (RT)
D 6°21'58.3"
L 230.70' (ARC)
T 115.98'
R 900.00'

SCALE
0 20 40 60

1300
1290
1280
1270
1260
10+00
11+00
12+00
13+00
14+00
BEGIN CONSTRUCTION
STA 10+00.00
EL 1278.45
FR 144 PROPOSED PROFILE
+1.63%
20'
10'

PLAN PROFILE SHEET
SHEET 17 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024
ROUTE MM
STATE MO
DISTRICT SW
SHEET NO. 20
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

F:\2021\04501-05000\021-04908\40-Design\Microstation\J8S0836B\plan_sheets\4 Plan Profile\020_PP_017_J8S0836B_120.dgn 4:03:54 PM 12/10/2024

09
ASSET HOLDINGS GROUP LLC
SEE SHEET8

25
WARD, BRYAN
1,497 SF TEMP. ESM'T
0.7 ACRES REMAINING

SE1/4 NE1/4
27-29N-23W

09
ASSET HOLDINGS GROUP LLC
SEE SHEET8

PERM. ESM'T

TEMP. CONST. ESM'T

EXISTING CITY R/W

TENTATIVE R/W

¼ SECTION LINE

EXISTING ESM'T

MATCHLINE STA. 14+30.00

PAVED APPROACH (7")
STA. 15+86.65 ℄ FR144 LT
21' WIDTH

SAWCUT

+75.13
103.84'

+98.25
108.74'

+51.02
131.27'

+54.78
134.99'

+69.92
149.99'

+94.05
163.62'

+93.95
153.62'

+93.99
153.62'

R 153'

+88.93
116.55'

+83.68
96.78'

EOP
C&G

℄ ROUTE MM
RTEMM
S02°16'27"W

R 240'

R 260.97'

(R)

+53.61
12.00'

PC STA 15+53.61

+53.61
32.50'

+73.03
12.06'

R 100'

R 10'

R 10'

+15.20
12.63'

R 681.62'

1.75" BP-1

S73°42'53"E

+38.78
12.00'

R 30'

TENTATIVE CITY R/W

+50.69
32.50'

CITY R/W
MODOT R/W

PT STA 17+82.32

+95.74
21.76'

+95.45
24.75'

+99.85
25.19'

STA. 19+38.49 ℄ (FR 144)=
STA. 81+91.20 ℄ (RTEMM)

EOP

8" CONCRETE MEDIAN

EXISTING
ESM'T

℄ FR 144

S88°16'31"E

STA 19+38.49

89°45'

R 30'

+35.78
15.00'

+53.61
15.00'

C&G

+53.61
32.50'

TENTATIVE CITY R/W

EXISTING UTILITY EASEMENT

8" CONCRETE MEDIAN

R 310'

R 153'

+25.83
17.95'

+44.06
32.50'

MSE WALL

15+35.78

+73.14
82.71'

+08.78
72.76'

+11.67
71.96'

TEMP. CONST. ESM'T

+97.13
26.76'

+43.73
31.98'

+54.50
43.97'

+58.98
40.15'

+96.89
36.55'

+22.22
41.30'

+48.43
48.60'

R 78'

TENTATIVE R/W

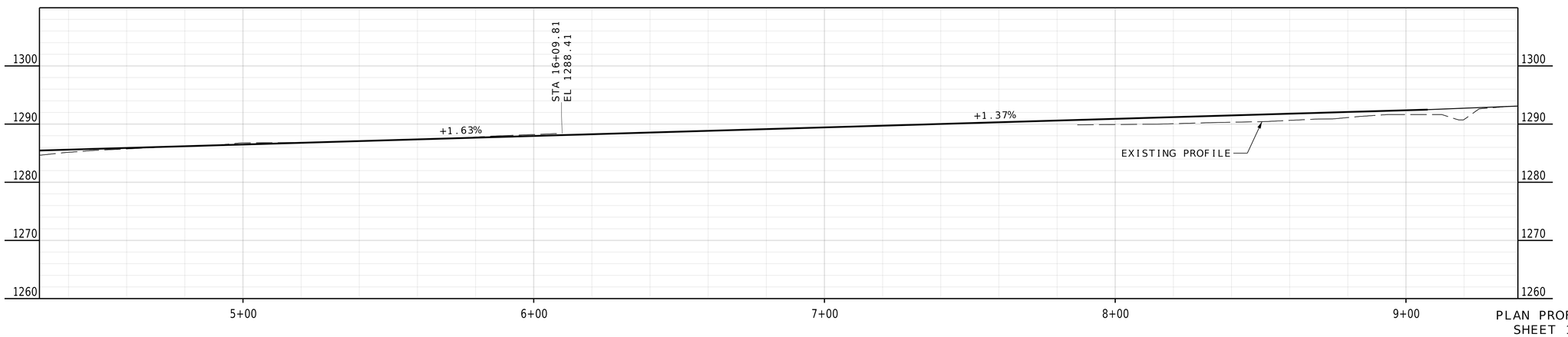
PAVED APPROACH (8")
STA. 14+90.96 ℄ FR144 RT.
21' WIDTH

SCALE
0 20 40 60

15
MURFIN INC
SEE SHEET10

PI	16+68.58
PC	15+53.61
PT	17+82.32
Δ	14°33'37.9" (LT)
D	6°21'58.3"
L	228.72' (ARC)
T	114.98'
R	900.00'

NE1/4 SE1/4
27-29N-23W



PLAN PROFILE SHEET
SHEET 18 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED	12/10/2024
ROUTE	MM
STATE	MO
DISTRICT	SW
SHEET NO.	21
COUNTY	GREENE
JOB NO.	J8S0836B
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

16

RED MONKEY FOODS PROP HOLDINGS

SEE SHEET 11

5

EXISTING ESM'T

EXISTING CITY R/W

(D.N.D.) EXISTING 4'x4' AREA INLETS

(D.N.D.)

BEGIN CONSTRUCTION STA 7+16.77

S88°23'58"E KingsSt1 ℄ KINGS ST

(D.N.D.) EXISTING 7'x3' AREA INLETS

EXISTING CITY R/W

SCALE 0 20 40 60

18

STORE MASTER FUNDING XI LLC

SEE SHEET $PP09$

NE1/4 SE1/4 27-29N-23W

EXISTING ESM'T

TEMP. CONST. ESM'T

SL

SAWCUT

(R)

EOP C&G

TENTATIVE CITY R/W

PERM. BUILDING SETBACK & UTILITY ESM'T.

PERM. SANITARY SEWER ESM'T.

TEMP. CONST. ESM'T

EXISTING ESM'T

ADJUST MH

8" CONCRETE MEDIAN

STA. 9+89.78 ℄ KINGS STREET= STA. 93+11.91 ℄ RTEMM

S02°30'41"W

89.09°

CITY R/W

MODOT R/W

CP #1652

RTEMM ℄ ROUTE MM

PAVED APPROACH (8")
STA, 8+15.77 ℄ KINGS STREET RT.
26.5' WIDTH
GRADE = 0.85%

+16.77 0.00'
+46.64 0.00'
+16.77 18.16'
+00.00 35.00'
+98.81 50.00'
+98.81 60.13'
+74.30 35.00'
+46.64 17.77'
+56.13 35.00'
+68.95 56.95'
+61.69 23.81'
+65.22 40.29'
+83.21 44.27'
+00.17 49.10'
+93.00 49.88'
+93.00 55.96'
+54.62 59.74'
+59.13 66.54'
+65.90 76.73'
+73.41 88.06'

R78.
R153.
R78.

1330
1320
1310
1300
1290
1280
1270
1260
1250

STA 7+15.67
BEGIN CONSTRUCTION

PROPOSED PROFILE

+1.66%

+1.80%

STA. 9+89.78 ℄ (KingsSt1) =
STA. 93+11.91 ℄ (RTEMM)

20′ 10′

5+00 6+00 7+00 8+00 9+00

PLAN PROFILE SHEET
SHEET 19 OF 20

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE MM | STATE MO

DISTRICT SW | SHEET NO. 22

COUNTY GREENE

JOB NO. J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

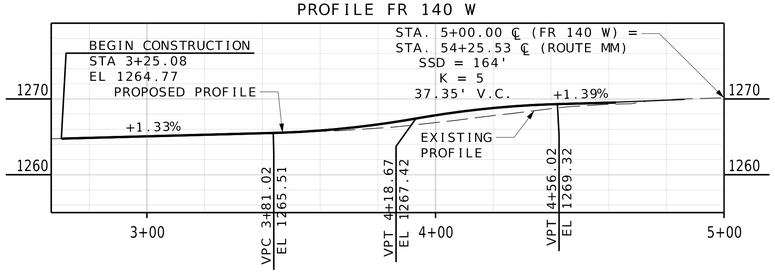
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

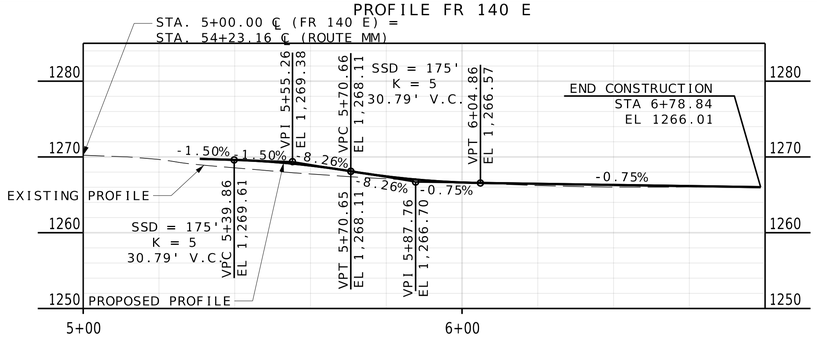
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

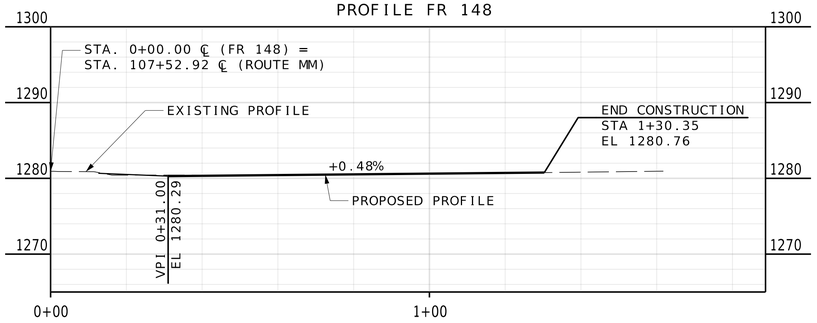
PROFILE FR 140 W



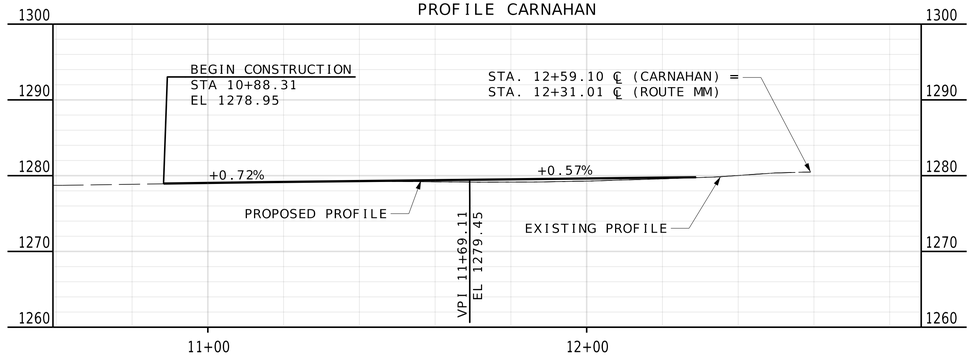
PROFILE FR 140 E

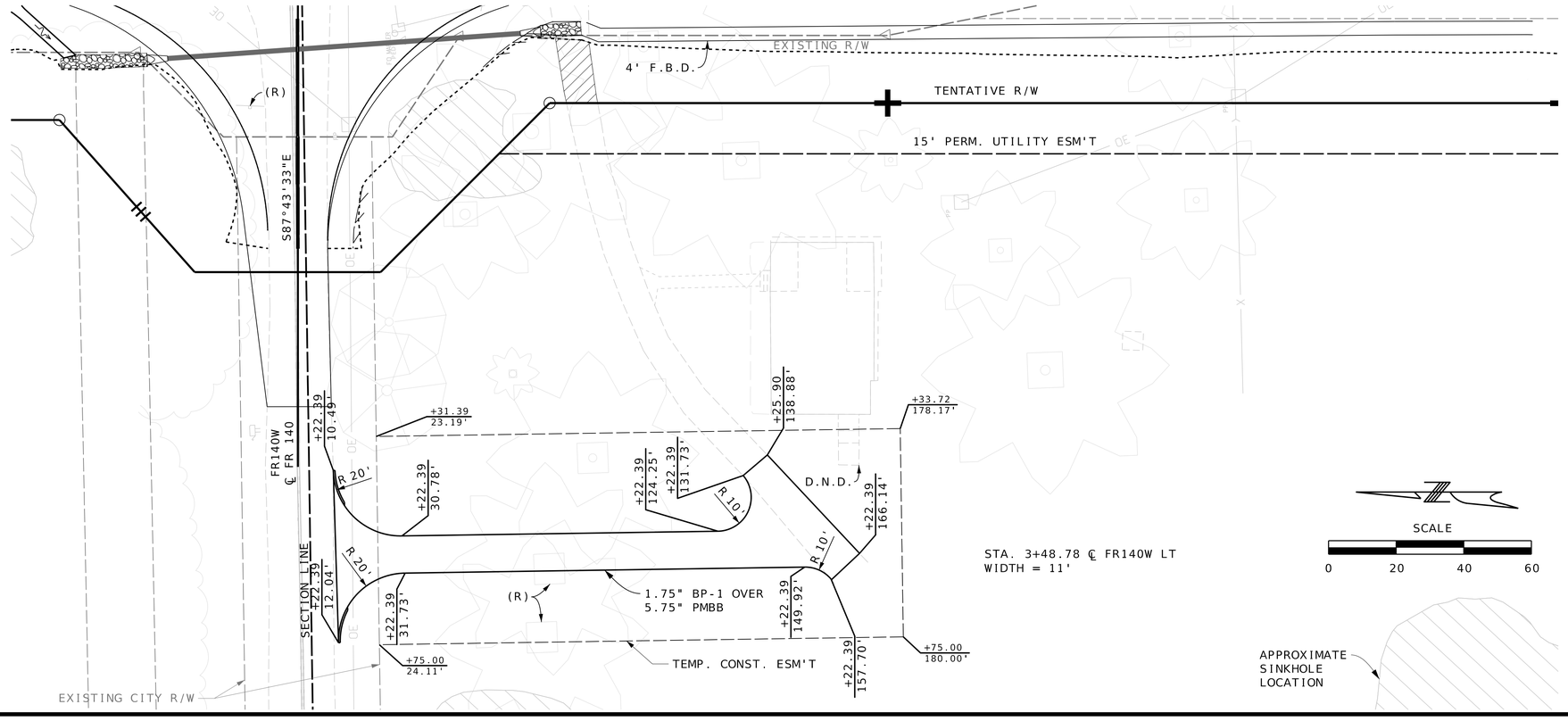


PROFILE FR 148



PROFILE CARNAHAN





PLAN AND PROFILE SHEET
SHEET 20 OF 20

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED	
12/10/2024	
ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	23

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

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

COORDINATE SYSTEM	STATE PLANE, MISSOURI CENTRAL
HORIZONTAL DATUM	NAD 1983
VERTICAL DATUM	NAVD 1988
GEOID MODEL	GREENE COUNTY
ELEVATIONS DETERMINED BY	GPS OBSERVATIONS
PROJECT PROJECTION FACTOR	1.00003740

COORDINATE SYSTEM	NAD 1983
CONTROL STATION	GR-45
DESIGNATION	GR-45
CORS_ID	
PID	AC7194
LATITUDE	37°11'29.43199"
LONGITUDE	93°26'22.22723"
NORTHING (M)	151118.1270
EASTING (M)	416587.6060
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	0.99996260

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

EXAMPLE: CONTROL POINT #115
N 490,553.28 X 0.99996260 = N 490,534.93
E 1,371,228.75 X 0.99996260 = E 1,371,177.47

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

				MODIFIED STATE PLANE (GROUND)			
			OFFSET	NORTHING	EASTING	ELEVATION	
SHEET NO	STATION	LOCATION	(USFT)	(US SURVEY FT)			DESCRIPTION
PROJECT CONTROL POINTS							
	28+28.90	RTE MM	30.03 LT	490553.28	1371228.75	1287.2	CONTROL - GPS #115
	93+38.51	RTE MM	63.81 RT	494413.46	1371388.48	1292.63	CONTROL - GPS #116
	49+54.51	RTE MM	49.40 RT	498792.73	1371577.57	1282.62	CONTROL - GPS #117
ALIGNMENTS							
RTEMM							
	46+86.90	℄		499058.64	1371635.46		BEGIN CHAIN RTEMM
	51+99.20	℄		498546.59	1371619.15		PI POINT
	54+23.16	℄		498322.81	1371610.26		INTERSECTION WITH FR140E
	54+25.53	℄		498320.45	1371610.17		INTERSECTION WITH FR140W
	80+89.73	℄		495658.35	1371504.46		INTERSECTION WITH FR144
	86+92.60	℄		495055.95	1371480.53		PI POINT
	93+11.91	℄		494437.23	1371453.40		INTERSECTION WITH KINGSST1
	99+82.30	℄		493767.49	1371424.02		PI POINT
	105+92.90	℄		493157.41	1371398.74		PI POINT
	107+52.92	℄		492997.49	1371393.04		INTERSECTION WITH FR148
	STATION EQUATION: STA. 107+56.19 (BK) = STA. 3+80.96 (AH)						
	12+31.01	℄		492144.71	1371362.67		INTERSECTION WITH CARNAHAN
	16+26.03	℄		491749.94	1371348.61		PI POINT
	20+39.45	℄		491336.81	1371332.94		TS POINT
	21+48.82			491227.52	1371328.79		SPI POINT
	22+03.49	℄		491172.98	1371324.77		SC POINT
	24+01.98		8.56 RT	490975.03	1371310.47		HPI POINT
				491341.93	1369034.41		CC POINT
	25+99.49	℄		490782.52	1371261.82		CS POINT
	26+54.18			490729.48	1371248.50		SPI POINT
	27+63.53	℄		490624.42	1371218.09		ST POINT
	32+80.83	℄		490127.52	1371074.24		END CHAIN RTEMM
FR140E							
	5+00.00	℄		498322.81	1371610.26		BEGIN CHAIN FR140E
	6+78.84	℄		498315.71	1371788.96		END CHAIN FR140E
FR140W							
	3+22.39	℄		498327.49	1371432.70		BEGIN CHAIN FR140W
	5+00.00	℄		498320.45	1371610.17		END CHAIN FR140W
FR144							
	0+00.00	℄		495684.27	1370575.62		BEGIN CHAIN FR144
	1+56.03	℄		495679.91	1370731.59		PC POINT
	2+72.02	℄	7.44 LT	495676.68	1370847.53		PI POINT
				494780.26	1370706.49		CC POINT
	3+86.73	℄		495644.15	1370958.87		PT POINT
	5+53.61	℄		495597.36	1371119.05		PC POINT
	6+68.58	℄	7.31 RT	495565.12	1371229.41		PI POINT
				496461.25	1371371.42		CC POINT
	7+82.32	℄		495561.66	1371344.33		PT POINT
	9+38.49	℄		495556.96	1371500.43		END CHAIN FR144
KINGSST1							
	0+00.00	℄		494464.88	1370464.00		BEGIN CHAIN KINGSST1
	9+89.78	℄		494437.23	1371453.40		END CHAIN KINGSST1
FR148							
	0+00.00	℄		492997.49	1371393.04		BEGIN CHAIN FR148
	1+61.77	℄		492991.73	1371554.71		END CHAIN FR148
CARNAHAN							
	0+00.00	℄		492183.31	1370104.16		BEGIN CHAIN CARNAHAN
	12+59.10	℄		492144.71	1371362.67		END CHAIN CARNAHAN

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024
ROUTE MM | STATE MO
DISTRICT SW | SHEET NO. 24
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

COORDINATE POINT SHEET
SHEET 1 OF 1

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 TREATEMENTS 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 (T1) 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.

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 O THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER. CONTRACTOR MY PROVIDE CONCRETE BARRIER AT OWN EXPENSE. INCIDENTAL TO PROJECT.

GENERAL NOTES:

1. AS WITH ALL CONSTRUCTION ACTIVITIES TRAFFIC SITUATIONS ARE SUBJECT TO CHANGE. THE CONTRACTOR SHALL BE AWARE THAT ALL TEMPORARY TRAFFIC CONTROL SHALL CONFCRM 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'.

2. TWO (2) 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.

3. 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.

4. NOTIFY MoDOT RESIDENT ENGINEER 48-HOURS IN ADVANCE OF ANY LANE CLOSURE OR ROADWAY CLOSURE.

5. ALL EXISTING SIGNS SHALL BE USED IN PLACE. ADJUSTED AND/OR COVERED AS CONDITIONS REQUIRE.

6. 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.

7. ALL STATIONING, DISTANCES, AND SPACING OF WORK ZONES DEVICES ARE APPROXIMATE AND MAY BE REVISED AS APPROVED BY ENGINEER.

8. TYPE III MOVEABLE BARRICADES TO BE LOCATED AS APPROVED BY THE ENGINEER TO FIT FIELD CONDITIONS.

9. FIRST ORDER OF WORK ON ALL PHASES SHALL BE PLACEMENT OF ALL WORK ZONE WARNING DEVICES AND SIGNS AS NOTED.

10. SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED OR AS APPROVED BY THE ENGINEER.

11. SIGNS LEFT IN PLACE OVERNIGHT MUST BE MOUNTED AT 5' MINIMUM.

12. ALTERNATE TRAFFIC CONTROL MAY BE USED AS NEEDED AT THE APPROVAL OF THE ENGINEER.

13. SPEED LIMIT SIGNS INDICATING THE NORMAL SPEED LIMIT SHALL BE INSTALLED AT THE END OF THE WORK ZONE, NO FURTHER WORK ZONES WILL BE ENCOUNTERED WITHIN THE NEXT 1/2 MILE.

14. TEMPORARY SPEED LIMIT SIGNS SHALL BE COVERED OR REMOVED WHEN THE CONDITIONS REQUIRING REDUCED SPEEDS DO NOT EXIST.

15. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATION OF CHANNELIZERS OR CONSTRUCTION SIGNS.

16. DISTANCE MAY BE ADJUSTED (INCREASED, TYPICALLY) ACCORDING TO FIELD CONDITIONS.

17. REFER TO MODOT STANDARD PLAN, 612.20 FOR SAND FILLED IMPACT ATTENUATORS AND 617.20 FOR TEMPORARY CONCRETE TRAFFIC BARRIER.

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	25

COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

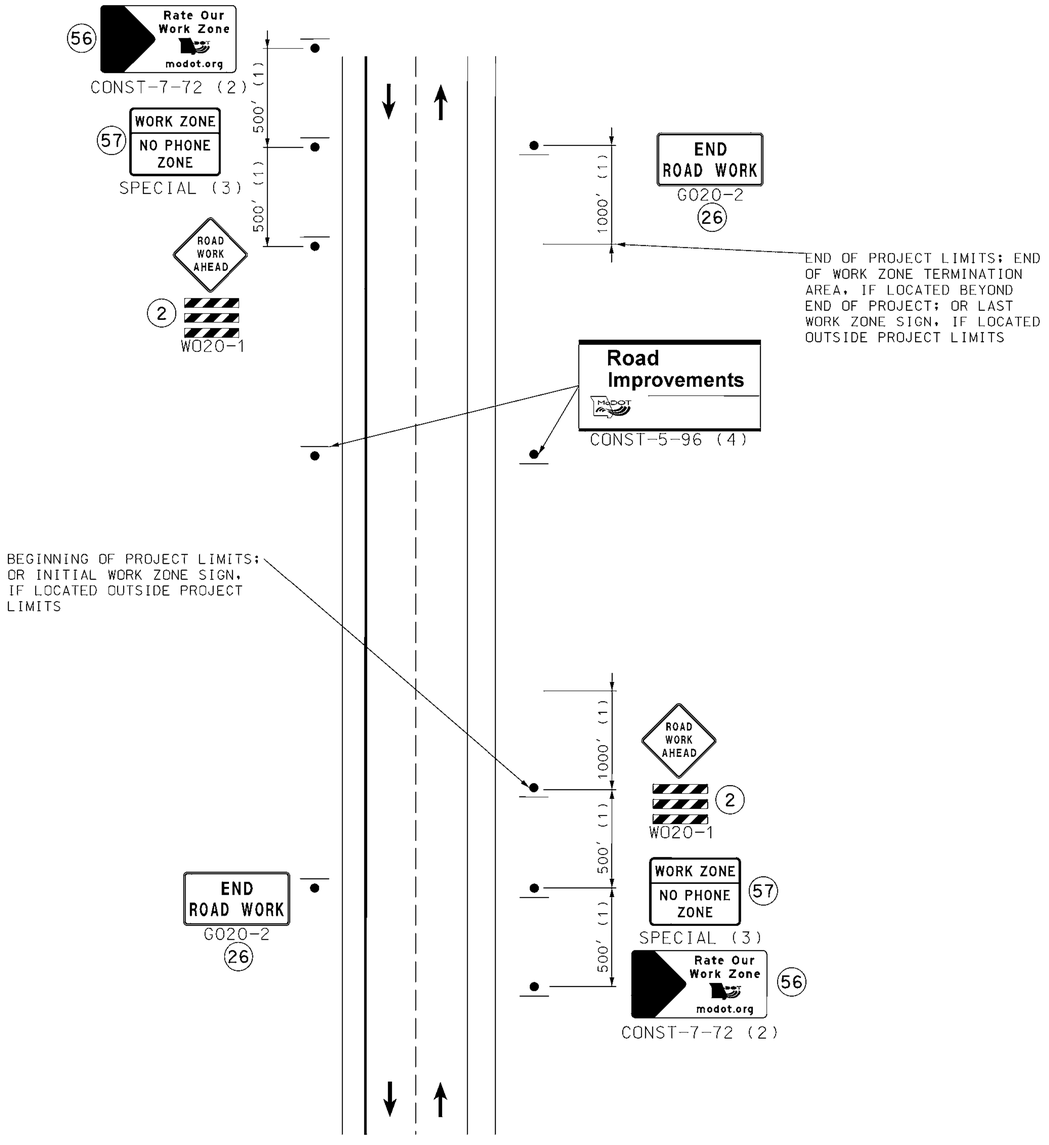
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION	DATE

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

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

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BEGIN/END PROJECT SIGNING

NOTES:

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCED WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) SIGN CONST-7-72 OR CONST-7-48 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN, IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

(3) THE "WORK ZONE ON PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

(4) CONT-5-96 OR CONST-5-48 SIGN IS PLACED IN 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 OR CONST-7-48.

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	26

COUNTY: GREENE

JOB NO.: J8S0836B

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

NOTES:

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REVOLVED.

(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCED WORKING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

(2) THE "WORK ZONE ON PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.

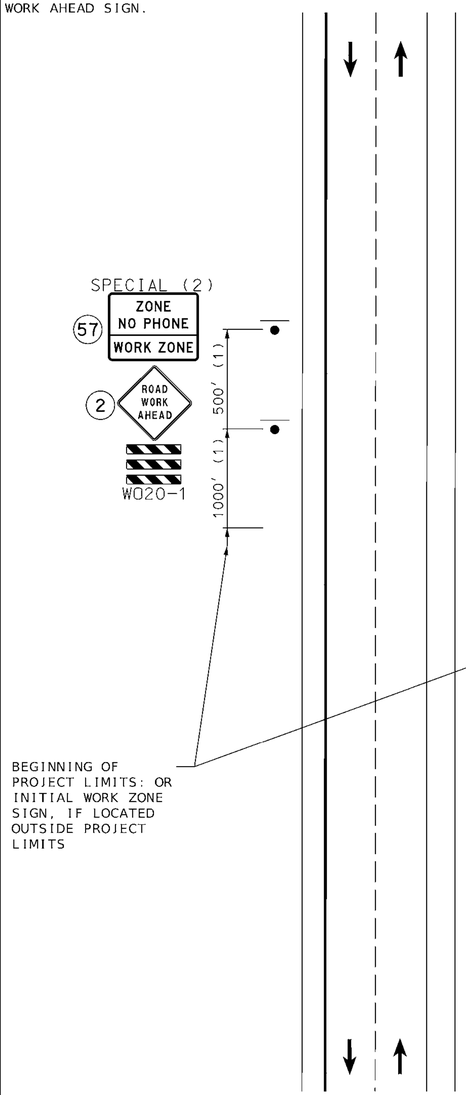
SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
PERMANENT POSTED SPEED MPH	S UNDIVIDED HIGHWAYS	S DIVIDED HIGHWAYS
0-35	200'	200'
40-45	350'	500'
50-55	500'	1000'
60-70	1000'	SA - 1000' SB - 1500' SC - 2640'

SPEED	SIGN SPACING (ft.)	TAPER LENGTH (ft.)		RECOMMENDED	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (S)	Shoulder (1) (T1)	Lane (2) (T2)	Buffer Length (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	200	70	-	250	35	40
40-45	350	150	-	360	40	80
50-55	500	185	-	495	50	80
60-70	1000	235	-	730	60	120

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length b ased on 12 ft. (standard lane width) offset.

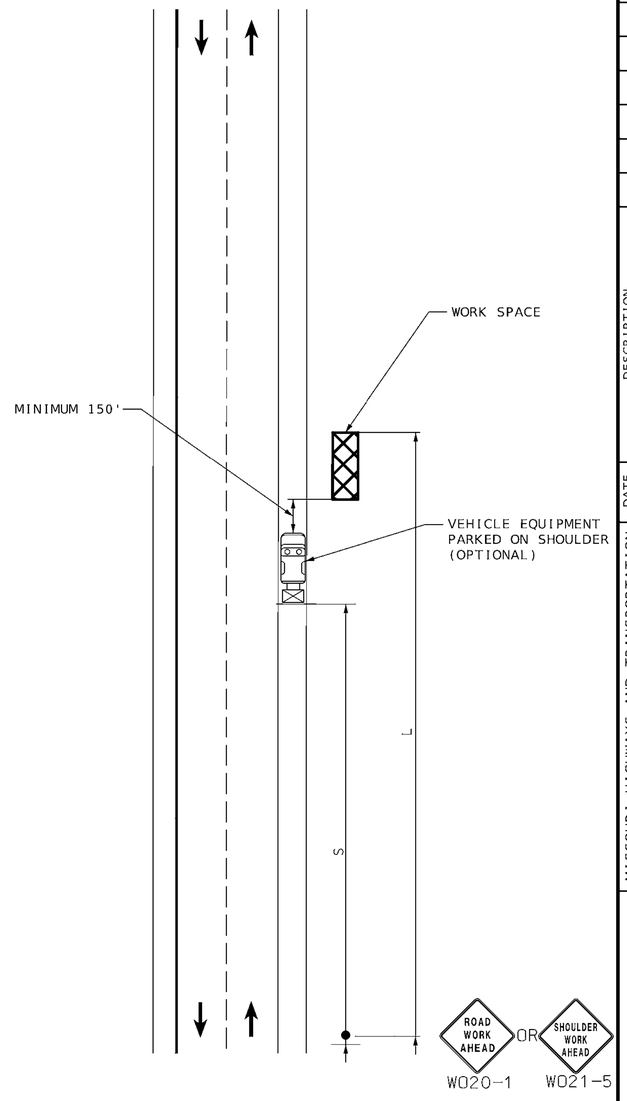
TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' Portable 7' Post	1 Mi.
RURAL DIVIDED	1' Portable 7' Post	2 Mi.
VEHICLE	48 Inches Recommended	-

Channelizer
Sign
Flashing Arrow Panel
Protective Vehicle
Truck Mounted Attenuator (TMA)
Work Space



BEGIN/END PROJECT SIGNING

SHOULDER WORK WITH MINOR ENCROACHMENT ON DIVIDED AND UNDIVIDED HIGHWAYS



SHOULDER WORK BEYOND THE SHOULDER

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	27

COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

olsson
550 ST. LOUIS STREET
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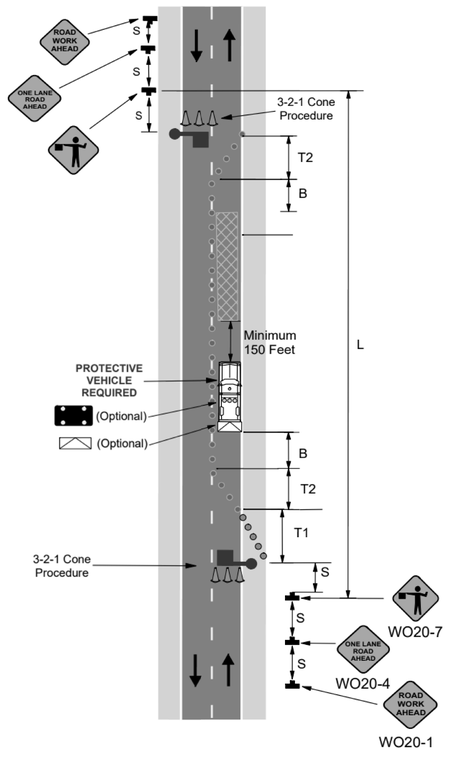
TRAFFIC CONTROL SHEET 3 OF 5

SPEED	SIGN SPACING (ft.)	TAPER LENGTH (ft.)		RECOMMENDED	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (S)	Shoulder (1) (T1)	Lane (2) (T2)	Buffer Length (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	200	35	100	250	25	40
40-45	350	35	100	360	25	80
50-55	500	35	100	495	25	80
60-70	1000	35	100	730	25	120

1. Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.

TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' Portable 7' Post	1 Mi.
RURAL UNDIVIDED	1' Portable 5' Post	3 Mi.

Channelizer
Sign
Flashing Arrow Panel
Flagger
Protective Vehicle
Truck/Trailer Mounted Attenuator (TMA)
Work Space



LANE CLOSURE ON TWO-LANE ROAD USING FLAGGERS

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL	CHANNELIZER SPACING (ft.)	
Permanent Posted (mph)	Undivided (S)	Divided (S)	Shoulder (1) (T1)	Lane (2) (T2)	BUFFER LENGTH (ft.) (B)	Tapers	Buffer/ Work Areas
0-35	-	200	70	245	280	35	40
40-45	-	500	150	540	400	40	80
50-55	-	1000	185	660	560	50	80
60-70	-	SA - 1000 SB - 1500 SC - 2640	235	840	840	60	120

1 Shoulder taper length based on 10 ft. (standard shoulder width) offset. 2. Lane taper length based on 12 ft. (standard lane width) offset.

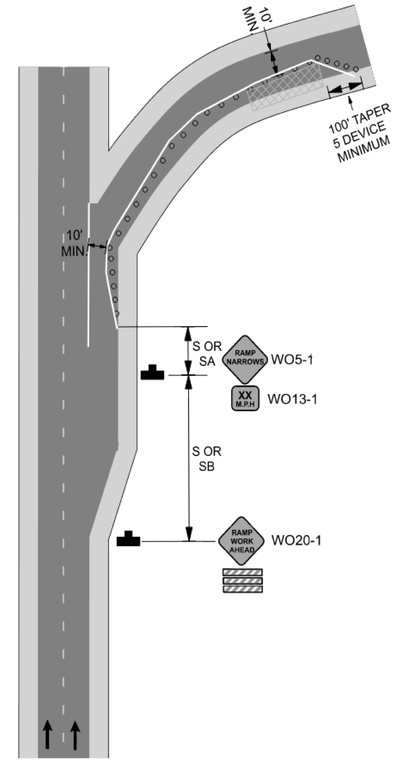
NOTES:
TEMPORARY PAVEMENT MARKING OPTIONAL FOR SHORT TERM OPERATIONS.

FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.

IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.

REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

WORK AREA
SIGN
ADVANCED WARNING RAIL SYSTEM
CHANNELIZER



PARTIAL EXIST RAMP CLOSURE

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE MM | STATE MO
DISTRICT SW | SHEET NO. 28
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

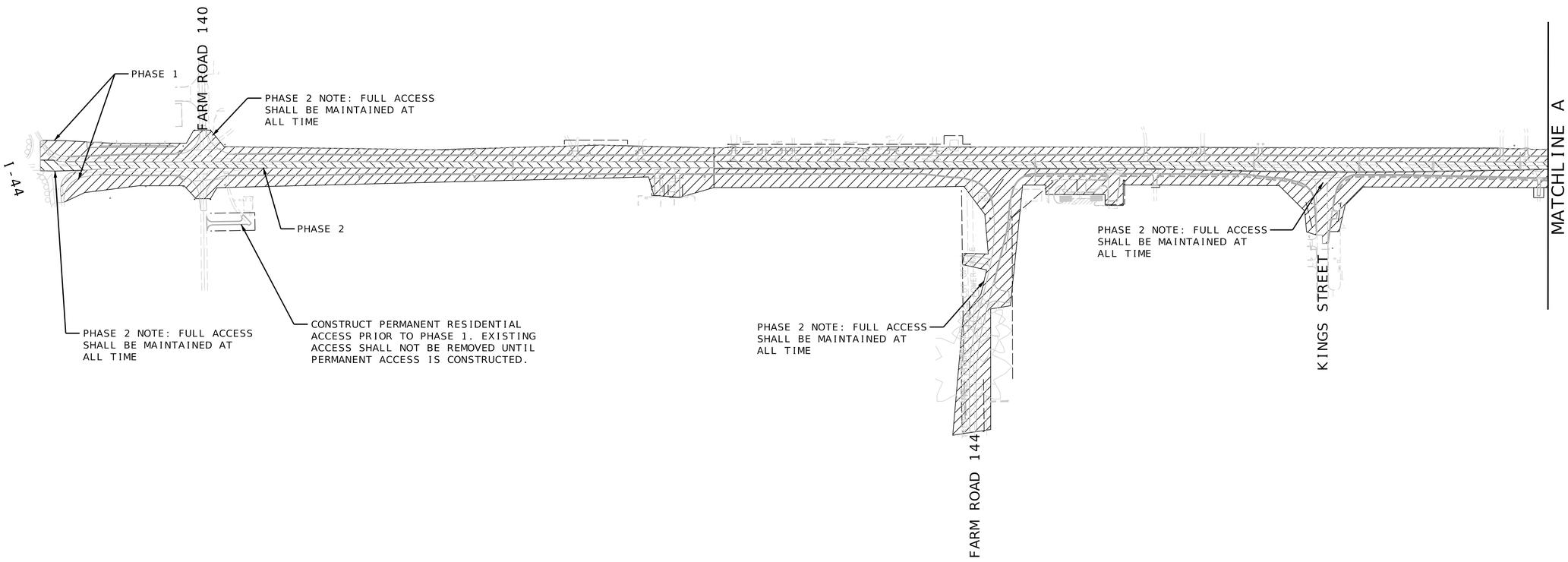
DESCRIPTION | DATE

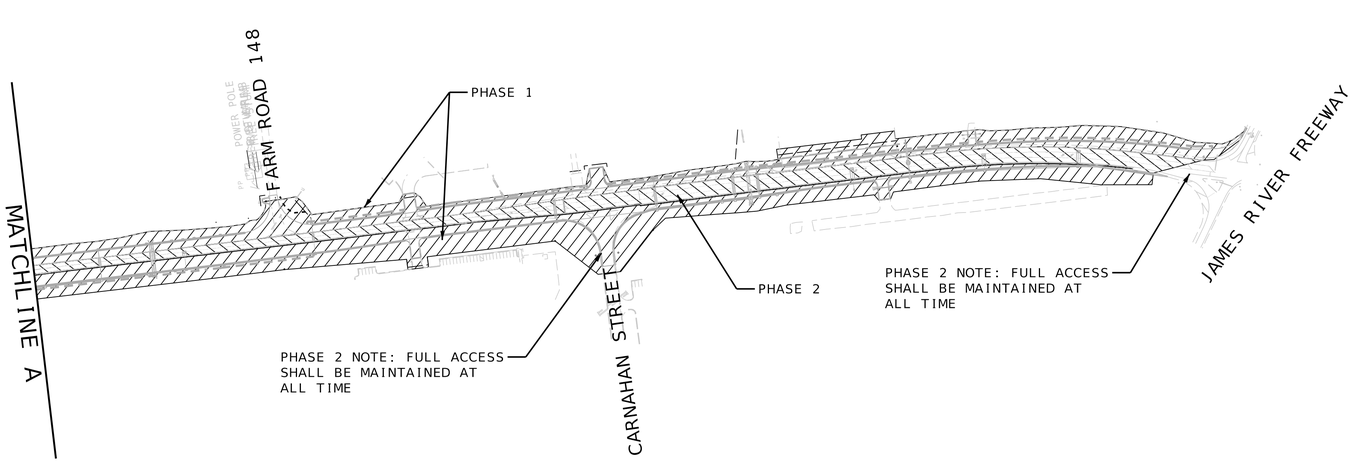
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

TRAFFIC CONTROL
SHEET 4 OF 5





SCALE

0 200 400 600 800 1000

CONSTRUCTION SEQUENCING

PHASE 1
1. MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION ON EXISTING ROUTE MM PAVEMENT.
2. CONSTRUCT OUTSIDE LANE, STORM, AND OTHER IMPROVEMENTS ON THE EXTERIOR OF THE EXISTING ROADWAY.
3. FULL ACCESS SHALL BE MAINTAINED AT ALL STREETS AND DRIVEWAYS AT ALL TIMES.

PHASE 2
1. CLOSE EXISTING LANES OF ROUTE MM FOR PAVEMENT RECONSTRUCTION.
2. ROUTE ONE LANE SOUTHBOUND TRAFFIC ON THE WEST SIDE OF NEWLY CONSTRUCTED ROUTE MM AND ONE LANE NORTHBOUND TRAFFIC ON EAST SIDE OF NEWLY CONSTRUCTED ROUTE MM.
3. FULL ACCESS AT I-44, FARM ROAD 140, FARM ROAD 144, CARNAHAN STREET, AND JAMES RIVER FREEWAY SHALL BE MAINTAINED AT ALL TIMES.
4. ALL OTHER INTERMEDIATE STREETS AND PRIVATE ACCESS POINTS SHALL BE RESTRICTED TO RIGHT-IN/RIGHT-OUT.

GENERAAL NOTE:
1. INTERSECTION AND DRIVEWAY TIE-INS SHALL BE CONSTRUCTED AT NIGHT UNDER FLAGGER OPERATIONS.

TRAFFIC CONTROL
SHEET 5 OF 5

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	29

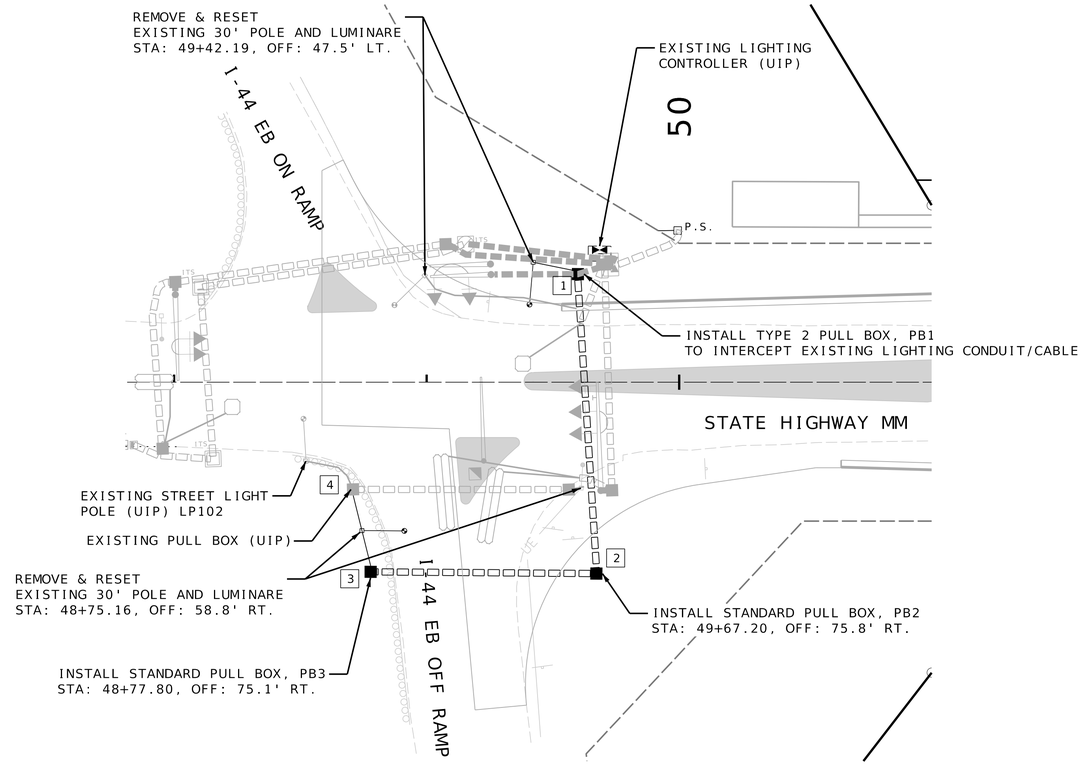
COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

olsson
550 ST. 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	P.S.	POWER SOURCE
JCT	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)
M M M	CONDUIT, RIGID (MEDIAN)	B B B	CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT

SCALE

0 30 60 90

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	30

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

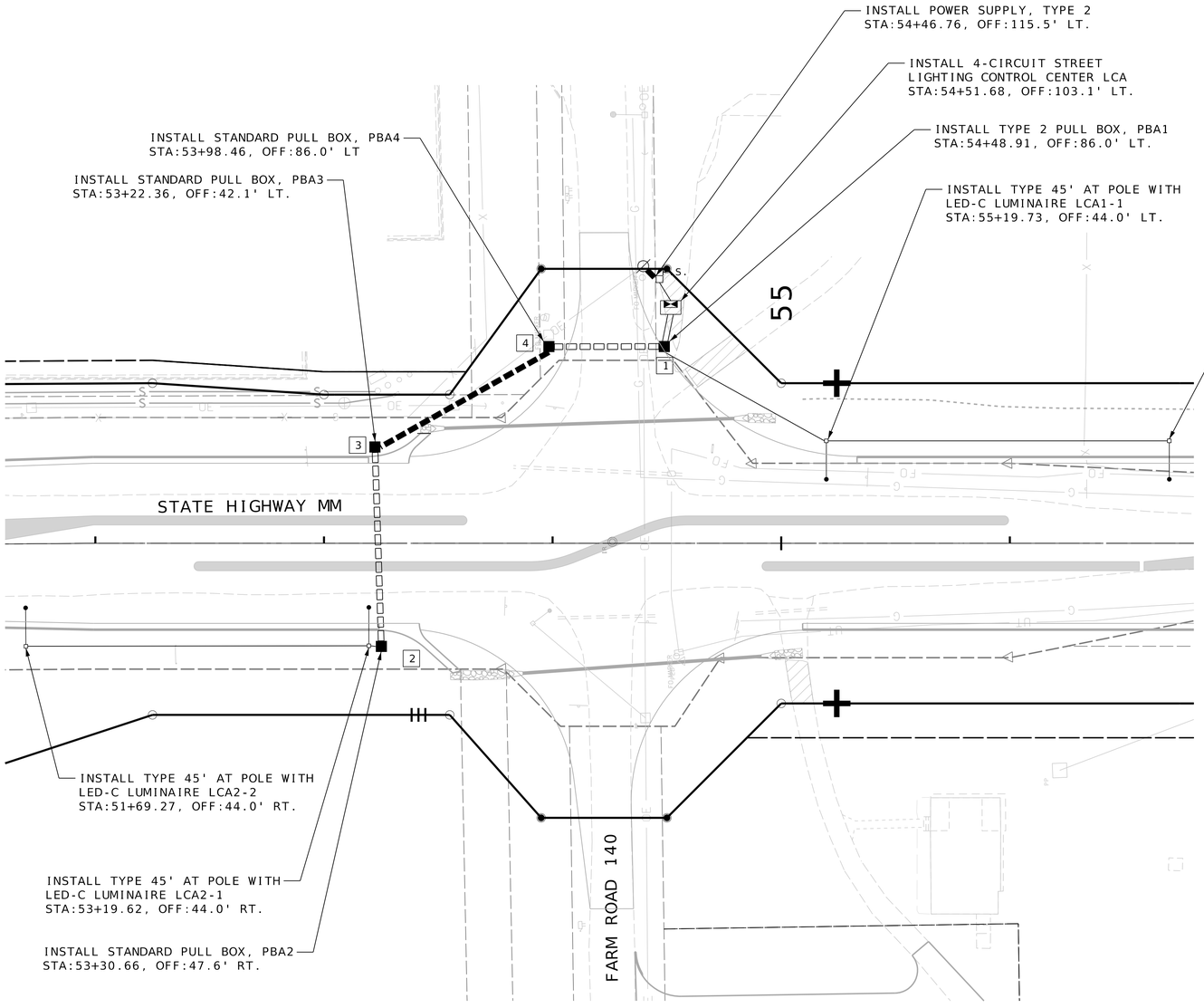
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

LIGHTING
SHEET 1 OF 7



LIGHTING LEGEND

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY	P.S.	POWER SOURCE
JCT	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)
M	CONDUIT, RIGID (MEDIAN)	B	CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT

SCALE

0 30 60 90

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	31

COUNTY: GREENE

JOB NO.: J8S0836B

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

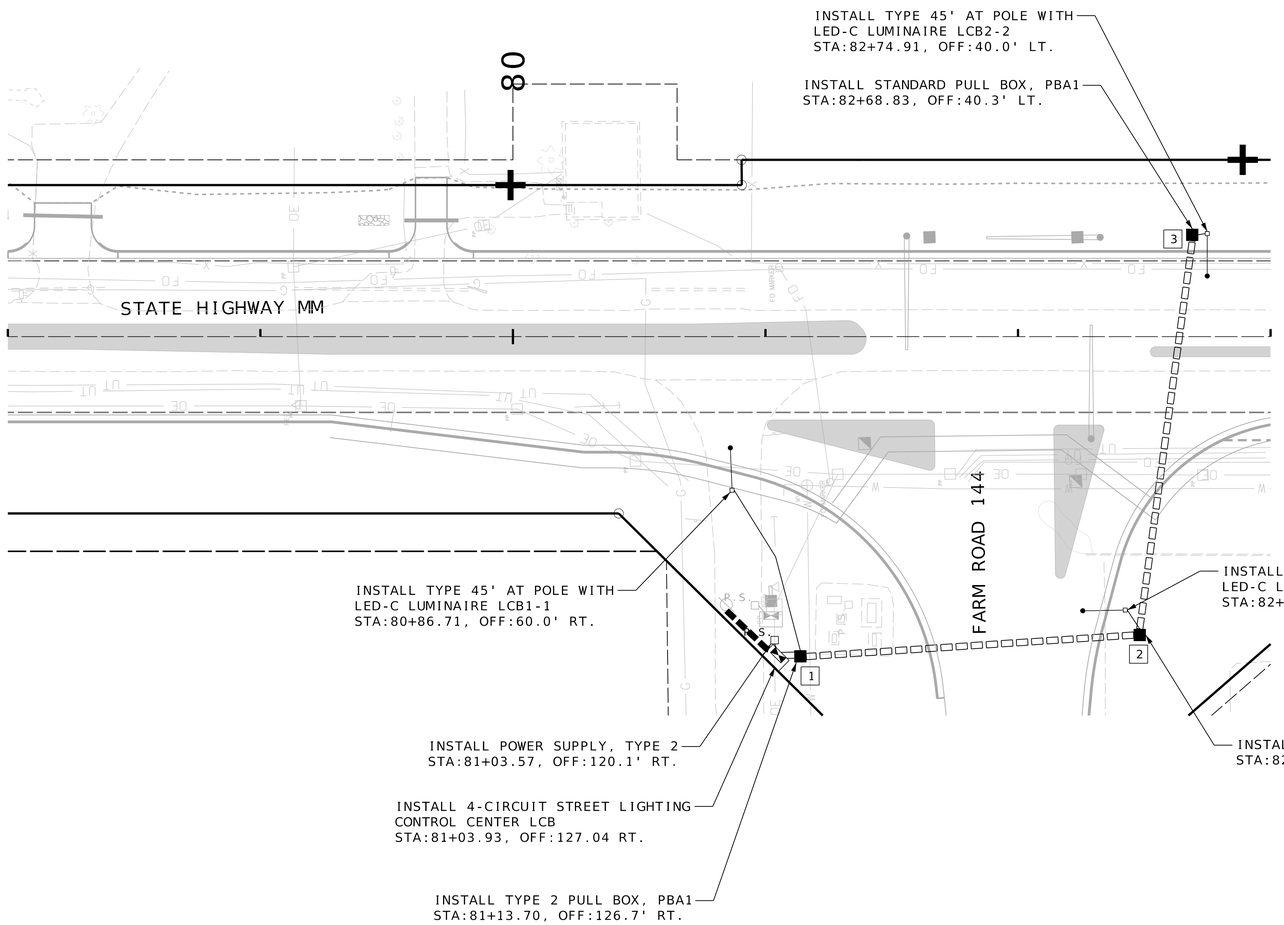
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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JEFFERSON CITY, MO 65102
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olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

LIGHTING
SHEET 2 OF 7



LIGHTING LEGEND

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY	P.S	POWER SOURCE
JCT	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)
M	CONDUIT, RIGID (MEDIAN)	B	CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT

SCALE

0 30 60 90

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	32

COUNTY GREENE

JOB NO. J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

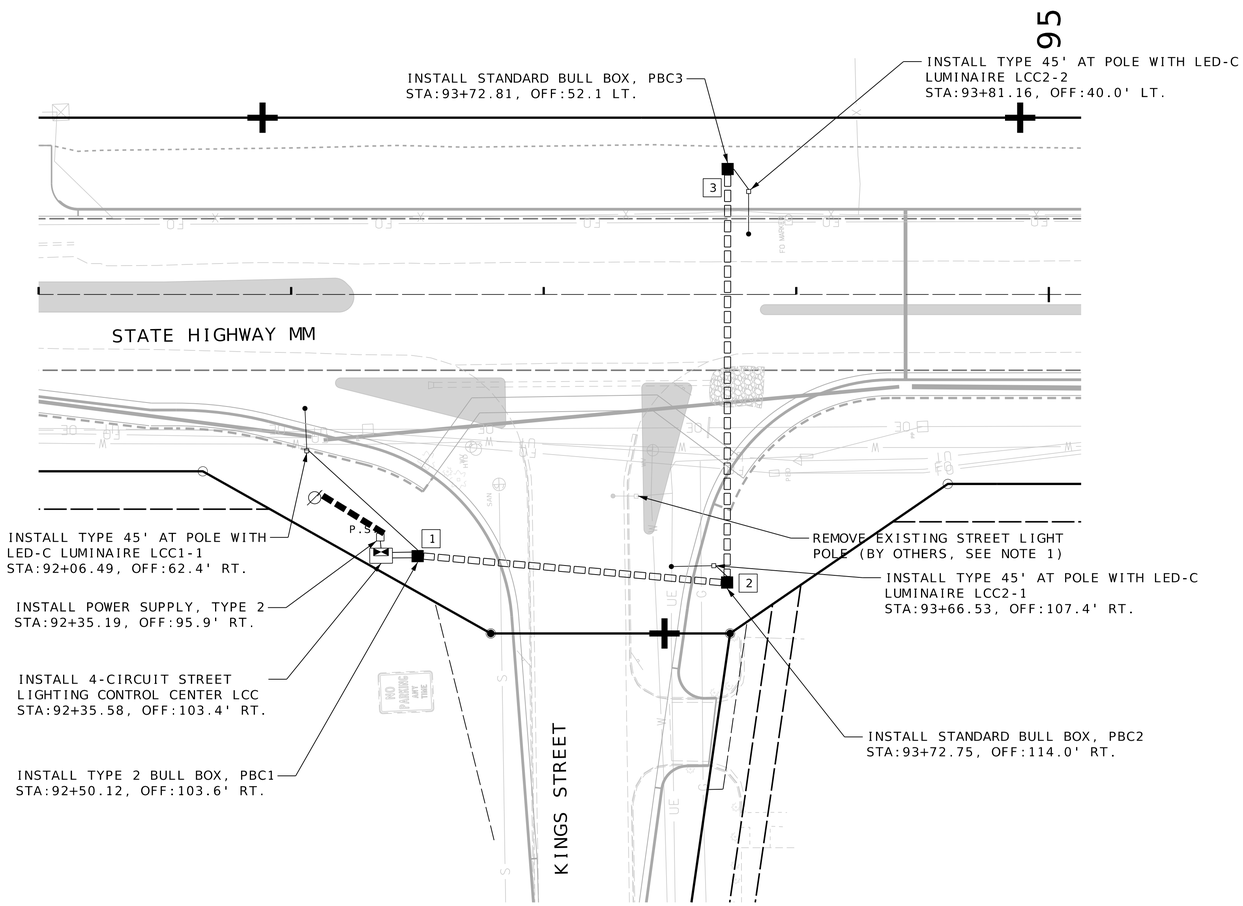
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DESCRIPTION	DATE

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

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SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

LIGHTING
SHEET 3 OF 7



LIGHTING LEGEND

	CONTROLLER, LIGHTING		LED-A LUMINAIRE
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE
	WOOD POST		LED-C LUMINAIRE
	POWER SUPPLY	P.S	POWER SOURCE
JCT	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)
M	CONDUIT, RIGID (MEDIAN)	B	CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT

GENERAL NOTES:

1.) LIGHTING SHOWN IS NOT MoDOT OWNED/OPERATED AND DEPICTS ANTICIPATED CONDITIONS. COORDINATE WITH CITY UTILITIES (CU) FOR REMOVAL OF EQUIPMENT. CONTRACTOR SHALL COORDINATE WITH CU FOR REMOVAL OF STREET LIGHT POLE (BY OTHERS).

SCALE

0 30 60 90

LIGHTING
SHEET 4 OF 7

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	33

COUNTY: GREENE

JOB NO.: J8S0836B

CONTRACT ID.:

PROJECT NO.:

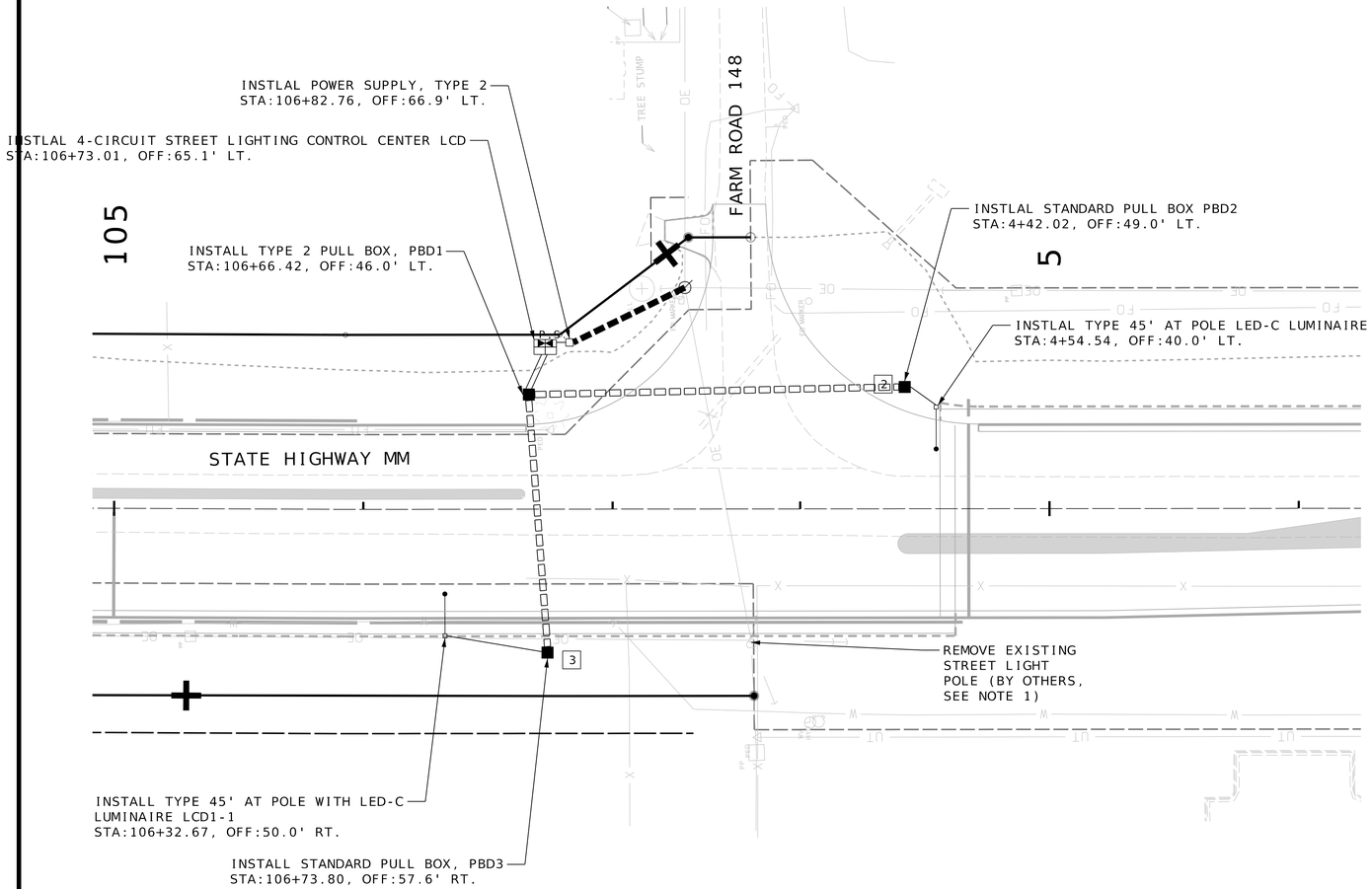
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

olsson
550 ST. 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	P.S	POWER SOURCE
JCT	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)
M M M	CONDUIT, RIGID (MEDIAN)	B B B	CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT

GENERAL NOTES:

1.) LIGHTING SHOWN IS NOT MoDOT OWNED/OPERATED AND DEPICTS ANTICIPATED CONDITIONS. COORDINATE WITH CITY UTILITIES (CU) FOR REMOVAL OF EQUIPMENT. CONTRACTOR SHALL COORDINATE WITH CU FOR REMOVAL OF STREET LIGHT POLE (BY OTHERS).

SCALE

0 30 60 90

LIGHTING
SHEET 5 OF 7

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	34

COUNTY: GREENE

JOB NO.: J8S0836B

CONTRACT ID.:

PROJECT NO.:

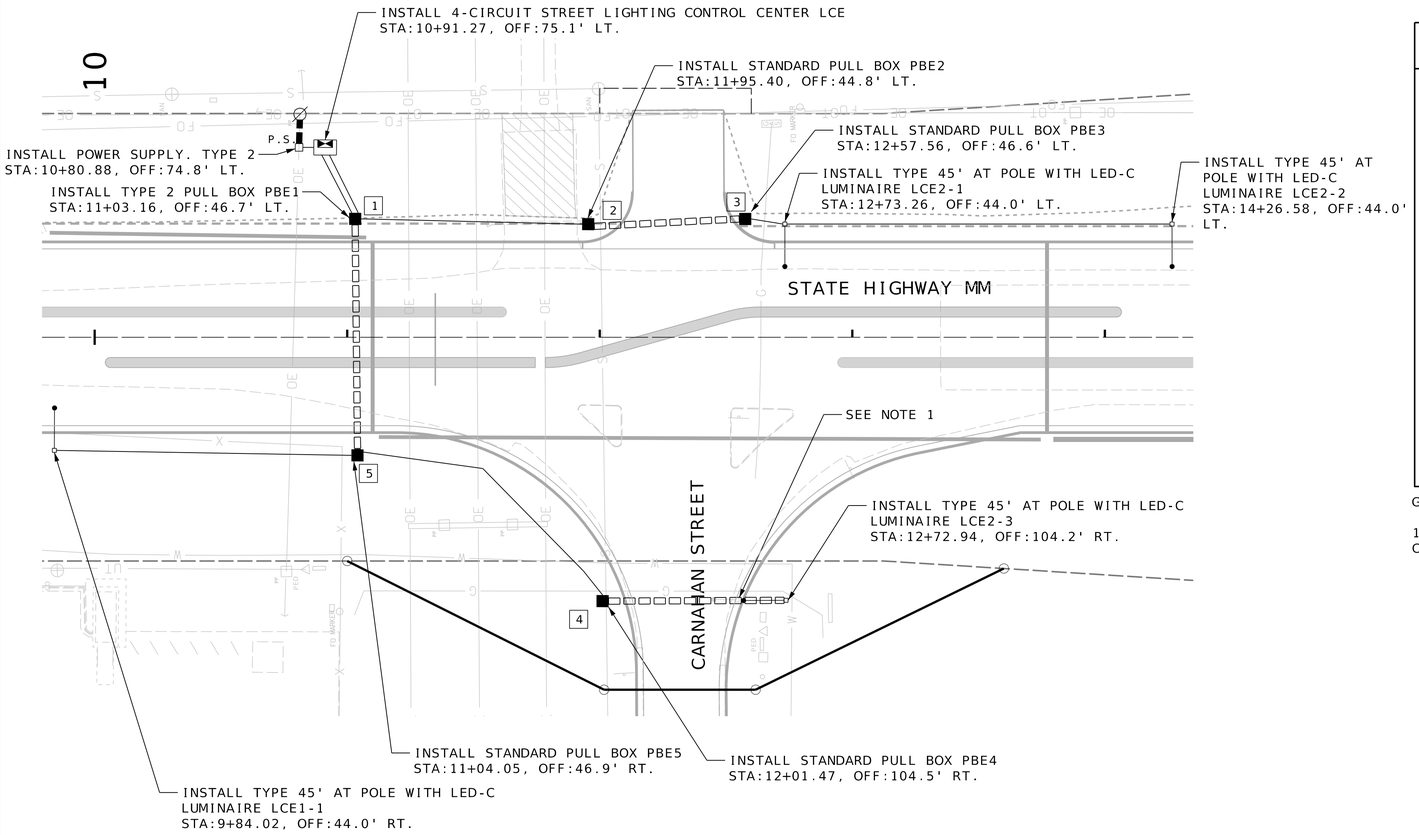
BRIDGE NO.:

DESCRIPTION	DATE

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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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550 ST. 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	P.S.	POWER SOURCE
JCT	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)
M M M M	CONDUIT, RIGID (MEDIAN)	B B B B	CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
			CABLE-CONDUIT

GENERAL NOTES:

1.) LIGHTING SHOWN IS NOT MoDOT OWNED/OPERATED. CONTRACTOR SHALL COORDINATE WITH CU FOR REMOVAL AND RESETTING OF STREET LIGHT POLE (BY OTHERS).

SCALE

0 30 60 90

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	35

COUNTY: GREENE

JOB NO.: J8S0836B

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SPRINGFIELD, MO 65806
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AUTHORITY NO. 001592

LIGHTING
SHEET 6 OF 7

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LIGHTING
SHEET 7 OF 7

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO

DISTRICT	SHEET NO.
SW	36

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

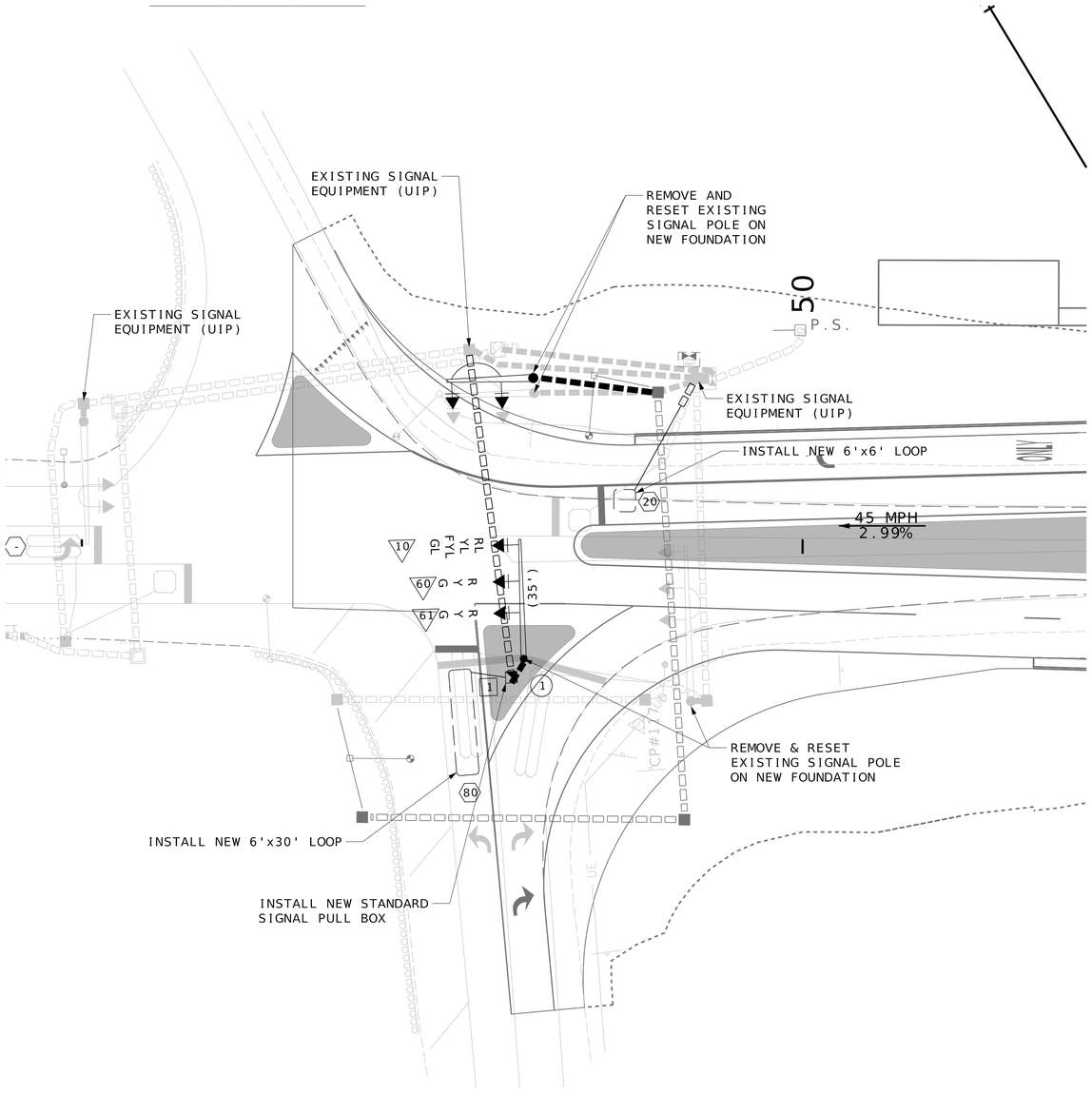
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

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



TRAFFIC SIGNALS LEGEND

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

R	RED BALL
Y	YELLOW BALL
G	GREEN BALL
RL	RED LEFT ARROW
YL	YELLOW LEFT ARROW
FYL	FLASHING YELLOW LEFT
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.

SCALE
0 20 40 60

ROUTE MM & I-44 EB RAMPS

SIGNAL PLAN
SHEET 1 OF 4

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED: 12/11/2024
ROUTE: MM | STATE: MO
DISTRICT: SW | SHEET NO.: 37
COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

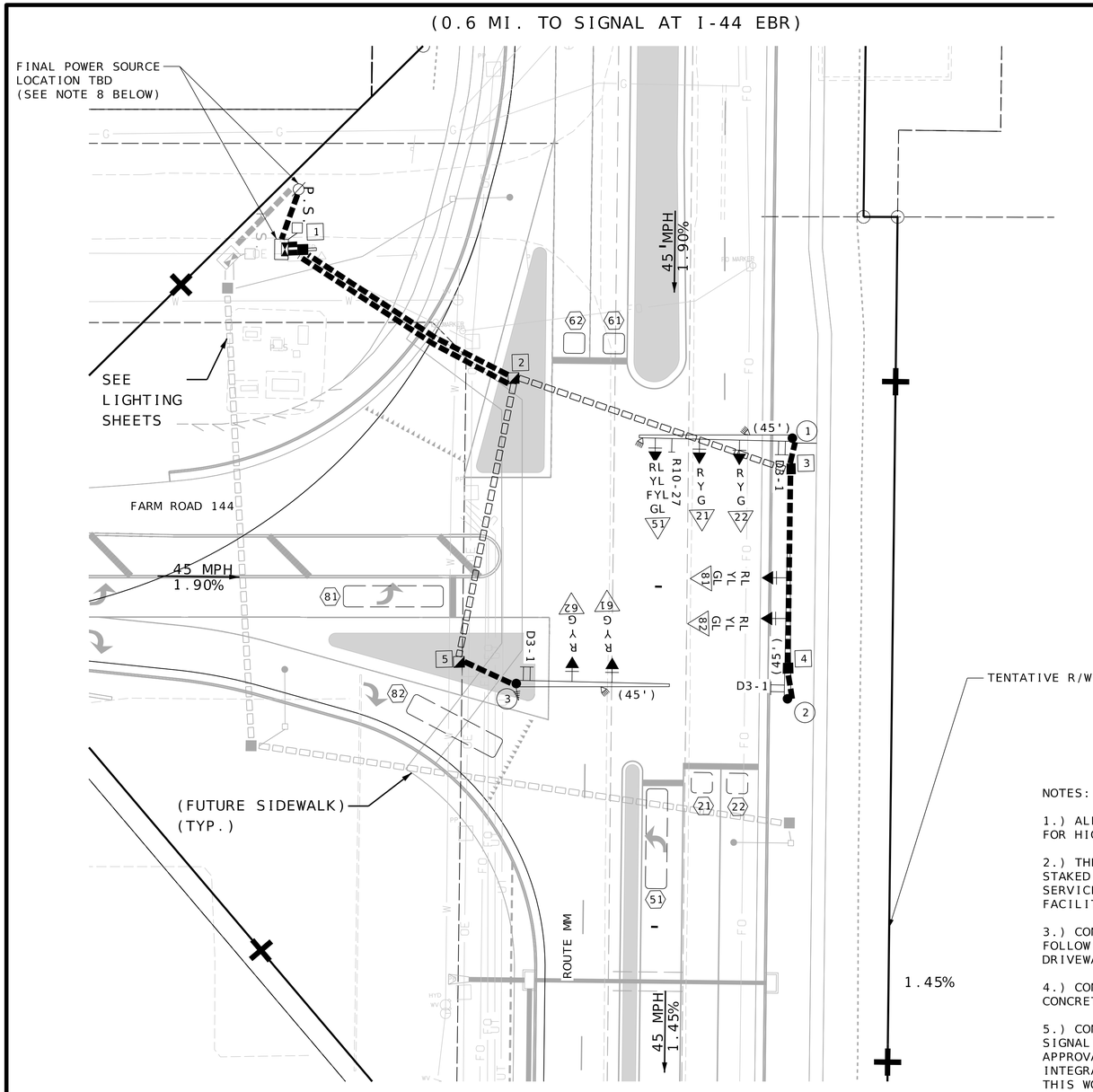
DESCRIPTION	DATE

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

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

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TRAFFIC SIGNALS LEGEND

- CONTROLLER
- JUNCTION BOX
- POWER SUPPLY
- WOOD POST
- SIGNAL HEAD (OPT LIM CONV)
- SIGNAL HEAD (OPT LIM)
- SIGNAL HEAD (PEDESTRIAN)
- SIGNAL HEAD (STANDARD)
- RADAR DETECTOR
- CCTV CAMERA
- VIDEO DETECTOR
- PUSH BUTTON DETECTOR
- 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
- SIGNS
- WIRELESS ACCESS UNIT OR SUBSCRIBER UNIT
- 6 X 6 RADAR DETECTION ZONE
- 30 X 6 RADAR DETECTION ZONE
- CONDUIT MEDIAN
- CONDUIT PUSHED
- CONDUIT BRIDGE
- CONDUIT EXISTING
- CONDUIT TRENCHED
- SPAN WIRE
- MAST ARM - TYPE A BASE
- MAST ARM - TYPE C BASE
- MAST ARM - TYPE F BASE

R	RED BALL
Y	YELLOW BALL
G	GREEN BALL
RL	RED LEFT ARROW
YL	YELLOW LEFT ARROW
FYL	FLASHING YELLOW LEFT
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.) CONTRACTOR SHALL PROVIDE, INSTALL AND ENSURE A STABLE WIRELESS CONNECTION BETWEEN THE PROPOSED SIGNAL AT FARM ROAD 144 AND EXISTING SIGNAL AT JAMES RIVER FREEWAY. CONTRACTOR SHALL RECEIVE WRITTEN APPROVAL OF PROPOSED EQUIPMENT PRIOR TO INSTALLATION. TWO (2) UBIQUITY NANOBEAM AC WIRELESS RADIOS WITH INTEGRATED ANTENNA (NBE-5AC-GEN2): ONE PLACED AT FARM ROAD 144 AND ONE PLACED AT JAMES RIVER FREEWAY. THIS WORK SHALL INCLUDE ANCILLARY EQUIPMENT INCLUDING (BUT NOT LIMITED TO) CONTROLLER UNITS, INDOOR/OUTDOOR CABLING, SURGE PROTECTION AND GROUNDING PER MANUFACTURER REQUIREMENTS.

6.) THE INSTALLATION SHALL INCLUDE ANY NECESSARY MODIFICATIONS TO PROVIDE POWER CONNECTIONS AND MOUNTING OF THE UNIT INSIDE THE TRAFFIC SIGNAL CABINET. THE CONTRACTOR IS RESPONSIBLE FOR COMMUNICATIONS PATH WORK, POWER LEVEL SETTINGS, ANTENNA POSITIONING, RADIO FREQUENCY INTERFERENCE (RFI) STUDIES, AND ELECTRO-MAGNETIC INTERFERENCE (EMI) RESOLUTION. SO THAT THE CONTRACTOR DELIVERS A FULLY FUNCTIONAL, OPERATIONAL, AND SECURE COMMUNICATIONS NETWORK CONNECTIONS TRAFFIC SIGNALS.

7.) THE WIRELESS AC RADIO UNITS SHALL BE LOCATED SUCH THAT THEY PROVIDE OPTIMAL LINE OF SIGHT BETWEEN TRAFFIC SIGNALS. APPROPRIATE CONNECTIONS TO THE SIGNAL CONTROLLERS SHALL BE PROVIDED. THE CONTRACTOR SHALL COMMUNICATE WITH MoDOT STAFF TO DETERMINE APPROPRIATE SET-UP OF WIRELESS DEVICES.

8.) CONTRACTOR SHALL COORDINATE WITH CITY UTILITIES FOR CONNECTION TO POWER SOURCE. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING A SECONDARY RISER CONDUIT (10') AT A POLE IN THE VICINITY, DOWN TO A CU-FURNISHED SECONDARY PEDESTAL/JUNCTION BOX AT BASE OF THAT POLE, PER CU SPECIFICATION. CU WILL FURNISH CONDUIT RISER STAND-OFF BRACKETS AND PEDESTAL FOR CONTRACTOR INSTALLATION.

SCALE
0 20 40 60

ROUTE MM & FARM ROAD 144

SIGNAL PLAN
SHEET 2 OF 4

PRELIMINARY PLANS NOT FOR CONSTRUCTION

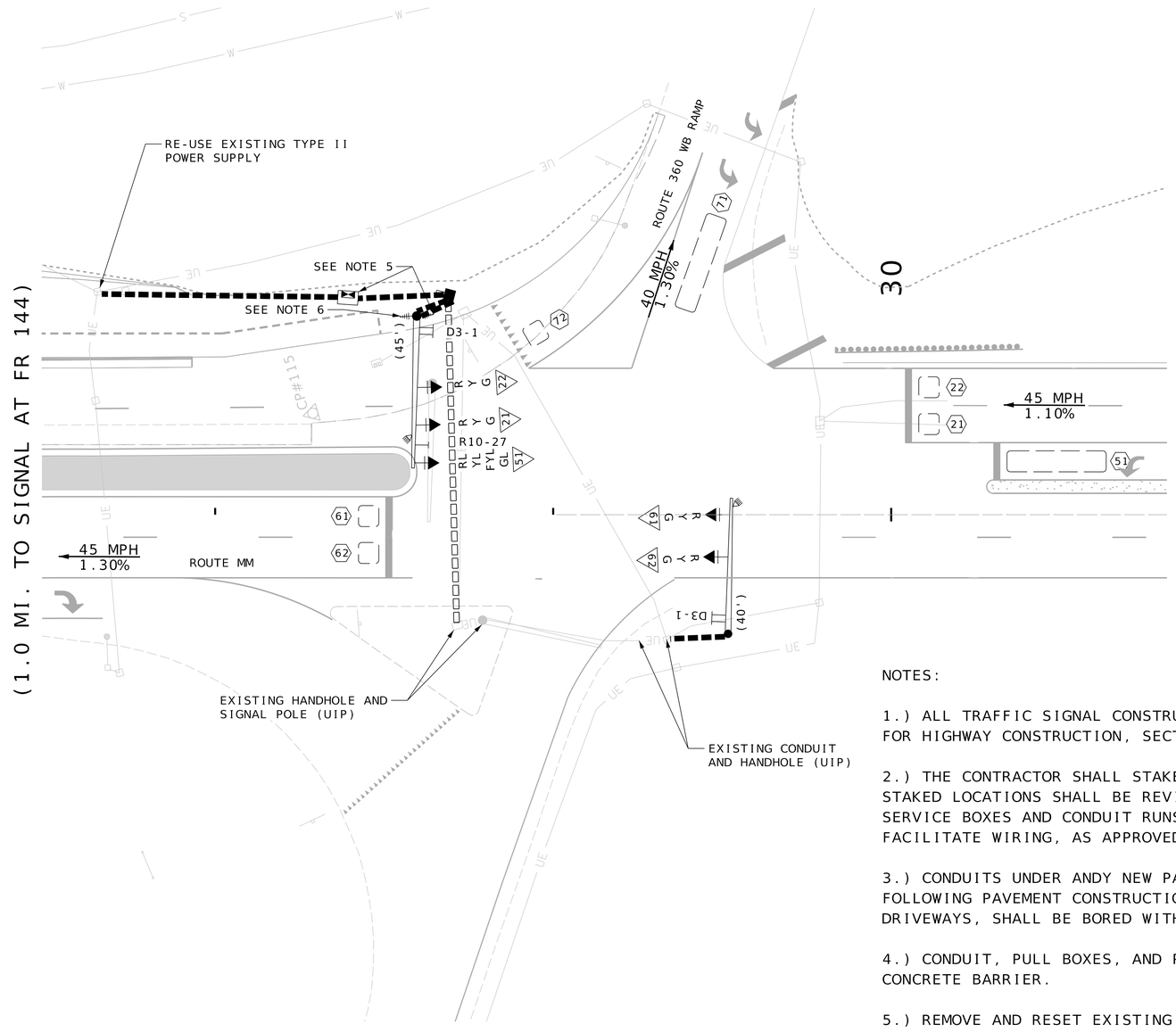
DATE PREPARED: 12/10/2024
ROUTE: MM | STATE: MO
DISTRICT: SW | SHEET NO.: 38
COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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



ROUTE MM & ROUTE 360

TRAFFIC SIGNALS LEGEND

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

R	RED BALL
Y	YELLOW BALL
G	GREEN BALL
RL	RED LEFT ARROW
YL	YELLOW LEFT ARROW
FYL	FLASHING YELLOW LEFT
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 ANDY 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.) REMOVE AND RESET EXISTING WIRELESS COMMUNICATION EQUIPMENT FROM EXISTING SIGNAL POLE AND SIGNAL CABINET TO NEW LOCATION.

6.)CONTRACTOR SHALL PROVIDE, INSTALL AND ENSURE A STABLE WIRELESS CONNECTION BETWEEN THE PROPOSED SIGNAL AT FARM ROAD 144 AND EXISTING SIGNAL AT JAMES RIVER FREEWAY. CONTRACTOR SHALL RECEIVE WRITTEN APPROVAL OF PROPOSED EQUIPMENT PRIOR TO INSTALLATION. TWO (2) UBIQUITY NANOBEAM AC WIRELESS RADIOS WITH INTEGRATED ANTENNA (NBE-5AC-GEN2): ONE PLACED AT FARM ROAD 144 AND ONE AT JAMES RIVER FREEWAY. THIS WORK SHALL INCLUDE ANCILLARY EQUIPMENT INCLUDING (BUT NOT LIMITED TO) CONTROLLER UNITS, INDOOR/OUTDOOR CABLING, SURGE PROTECTION AND GROUNDING PER MANUFACTURER REQUIREMENTS.

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	39

COUNTY: GREENE

JOB NO.: J8S0836B

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DATE	DESCRIPTION

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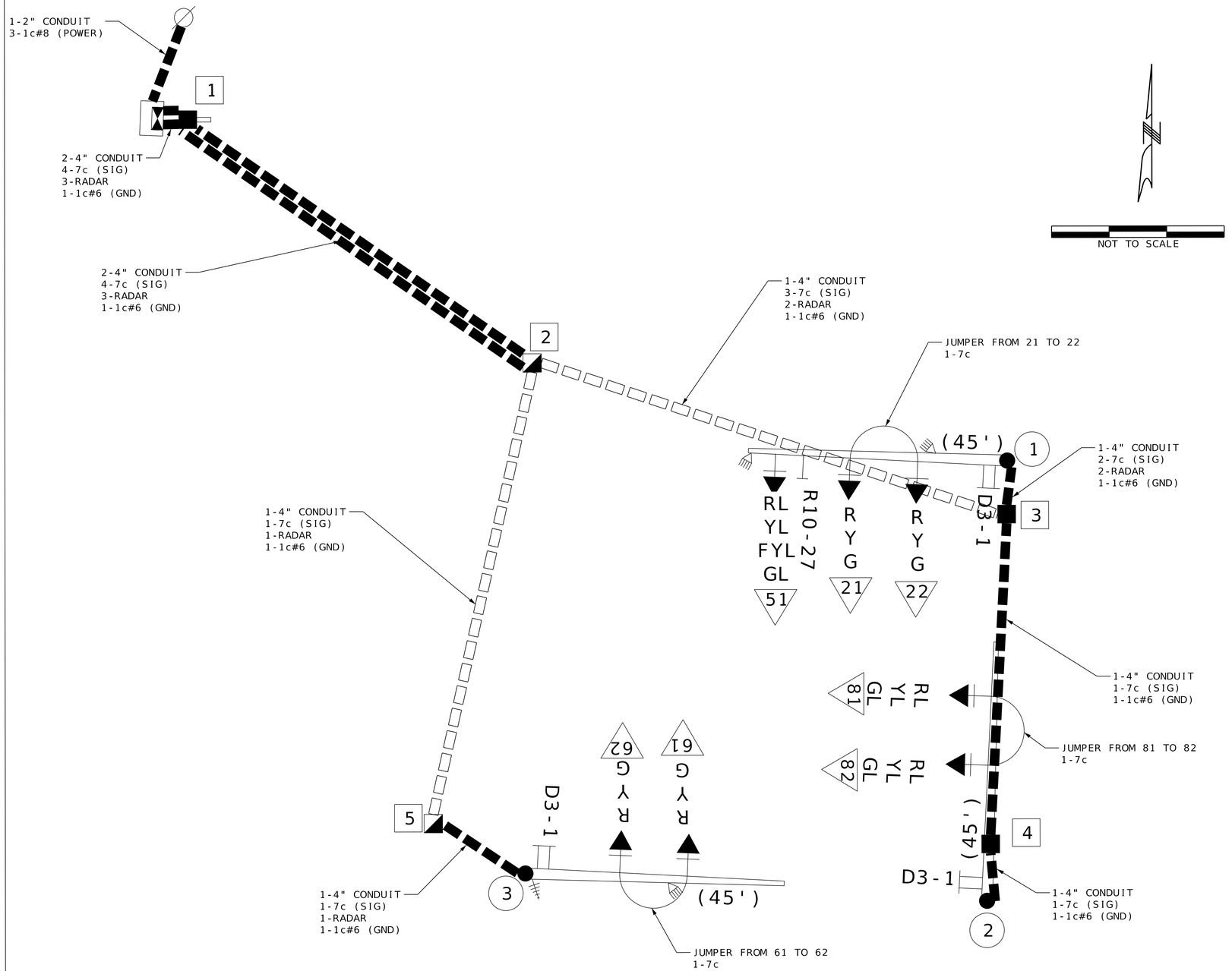
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

SIGNAL PLAN SHEET 3 OF 4

EFFECTIVE 12-01-17

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
	SIGNAL CONTROLLER
	POWER SUPPLY
	LIGHTING CONTROLLER

NOTES:
1.) CONDUITS ARE SIZED TO ACCOMMODATE FUTURE CABLING FOR FUTURE SIGNAL HEADS. CABLES TO BE INSTALLED BY OTHERS AT A LATER DATE.

ROUTE MM & FARM ROAD 144

INTERSECTION

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	40

COUNTY: GREENE

JOB NO.: J8S0836B

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

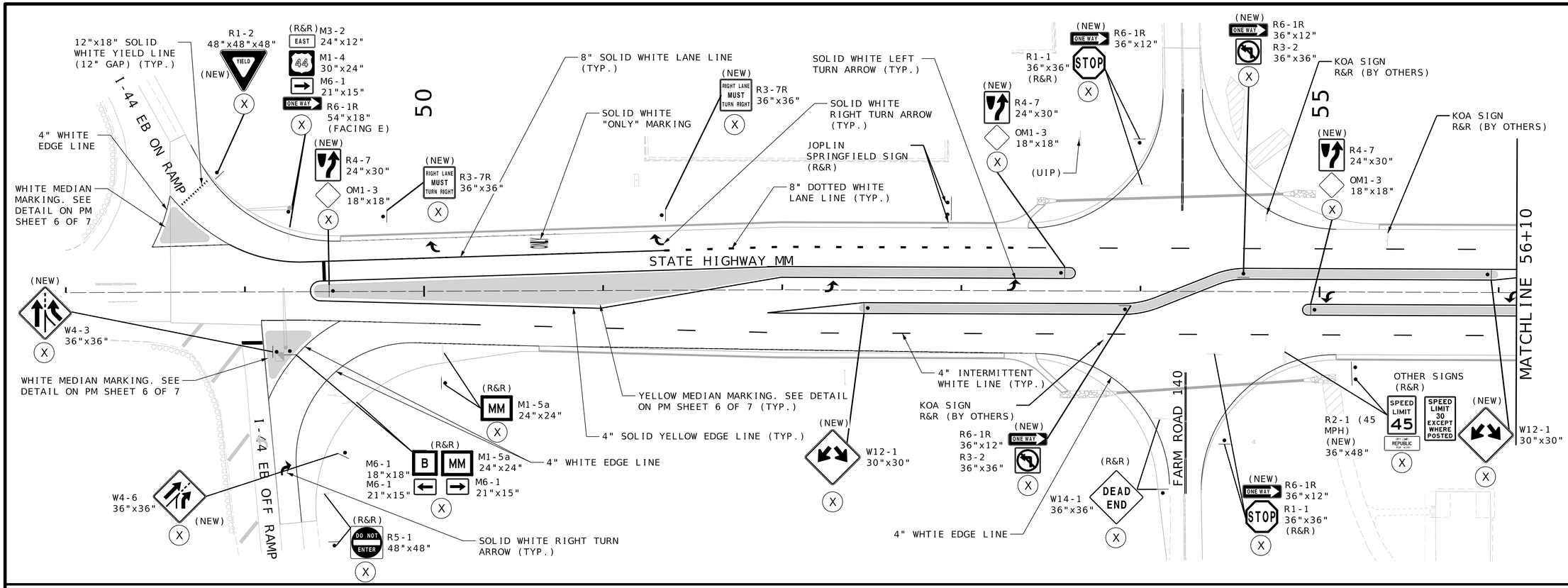
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

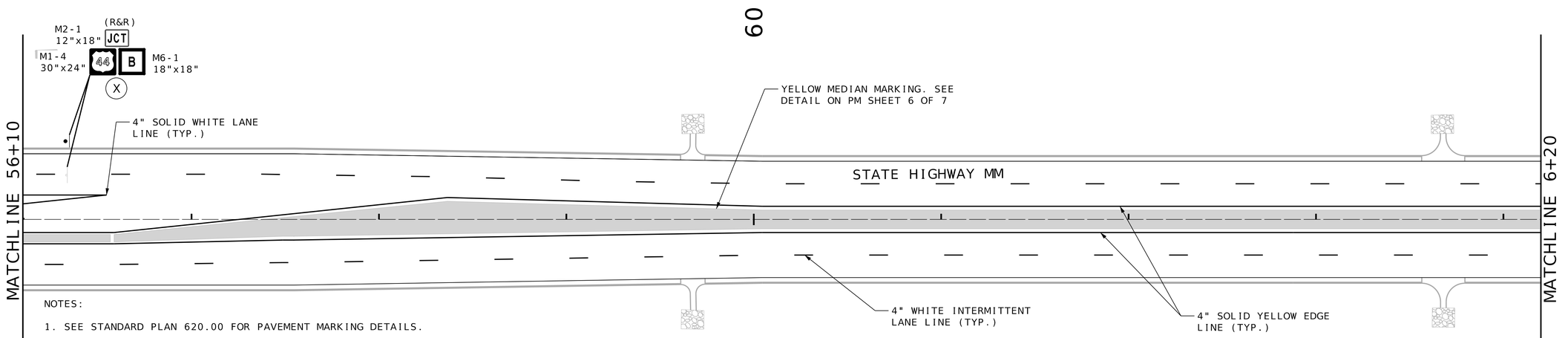
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

D-37D

SIGNAL PLAN
SHEET 4 OF 4

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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 SECTIONS SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS.
4. ALL STATIONS AND OFFSETS ARE MEASURED FROM THE STATE HIGHWAY MM ℄ CHAIN UNLESS OTHERWISE NOTED.
5. INTERMITTENT YELLOW/WHITE MARKINGS ARE 10' LONG WITH 30' SKIPS.
6. DOTTED YELLOW/WHITE LANE LINE MARKINGS ARE 3' LONG WITH 9' GAP.
7. ALL CONCRETE ISLANDS, AND MEDIAN STRIPS SHALL HAVE A 6" SMOOTH EDGE ON THE TOP SURFACE FOR PAVEMENT MARKING.
8. CURB MARKINGS TO BE PAID FOR AS VARIABLE WHITE OR YELLOW PAVEMENT MARKINGS, SEE SPECIAL PROVISIONS. QUANTITIES INCLUDED IN RESPECTIVE PAY ITEMS.

STRIPING LEGEND

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

SCALE

0 30 60 90

SIGNING AND PAVEMENT MARKING SHEET 1 OF 7

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	41

COUNTY: GREENE

JOB NO.: J8S0836B

CONTRACT ID.:

PROJECT NO.:

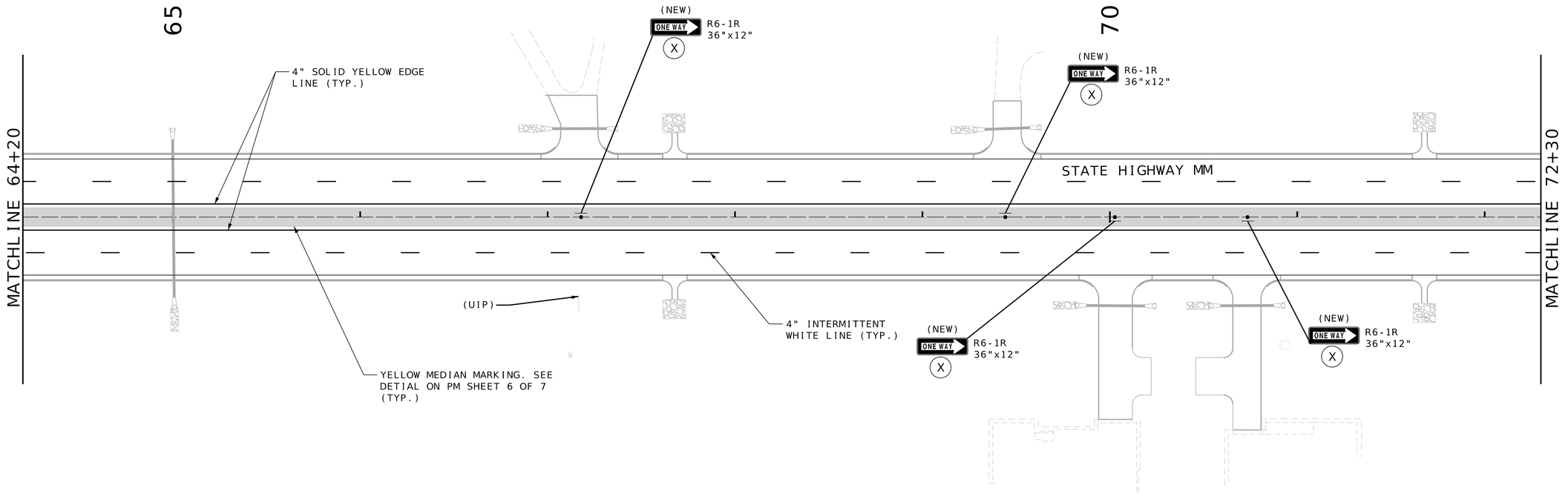
BRIDGE NO.:

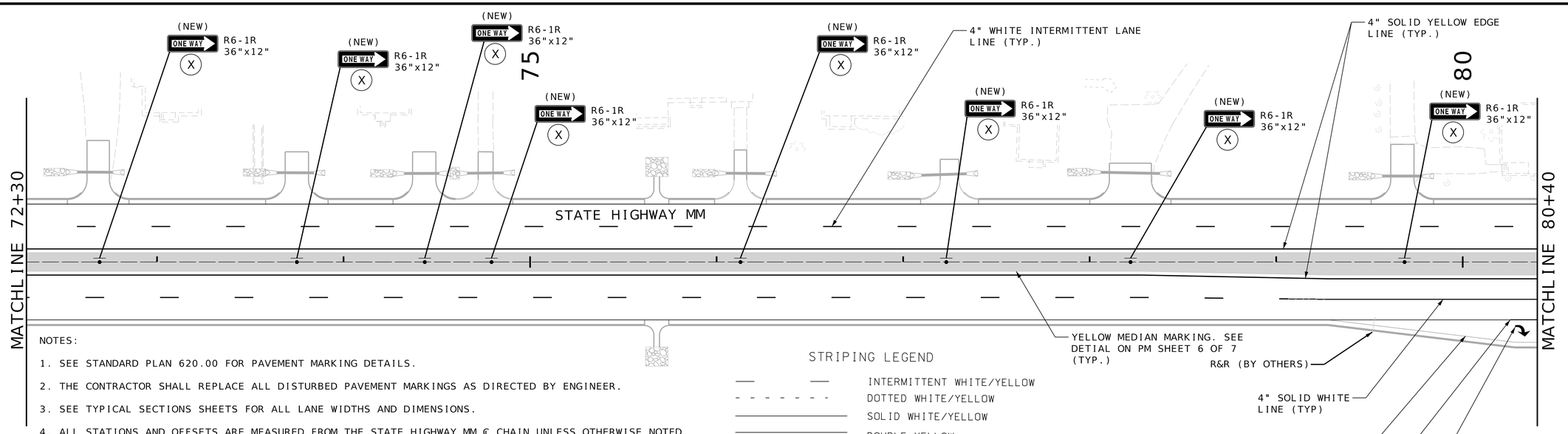
DESCRIPTION | DATE

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

olsson
550 ST. 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 SECTIONS SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS.
4. ALL STATIONS AND OFFSETS ARE MEASURED FROM THE STATE HIGHWAY MM ℄ CHAIN UNLESS OTHERWISE NOTED.
5. INTERMITTENT YELLOW/WHITE MARKINGS ARE 10' LONG WITH 30' SKIPS.
6. DOTTED YELLOW/WHITE LANE LINE EXTENSION MARKINGS ARE 3' LONG WITH 9' GAP.
7. ALL CONCRETE ISLANDS, AND MEDIAN STRIPS SHALL HAVE A 6" SMOOTH EDGE ON THE TOP SURFACE FOR PAVEMENT MARKING.
8. CURB MARKINGS TO BE PAID FOR AS VARIABLE WHITE OR YELLOW PAVEMENT MARKINGS, SEE SPECIAL PROVISIONS. QUANTITIES INCLUDED IN RESPECTIVE PAY ITEMS.

STRIPING LEGEND

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

SCALE

0 30 60 90

SIGNING AND PAVEMENT MARKING SHEET 2 OF 7

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	42

COUNTY GREENE

JOB NO. J8S0836B

CONTRACT ID.

PROJECT NO.

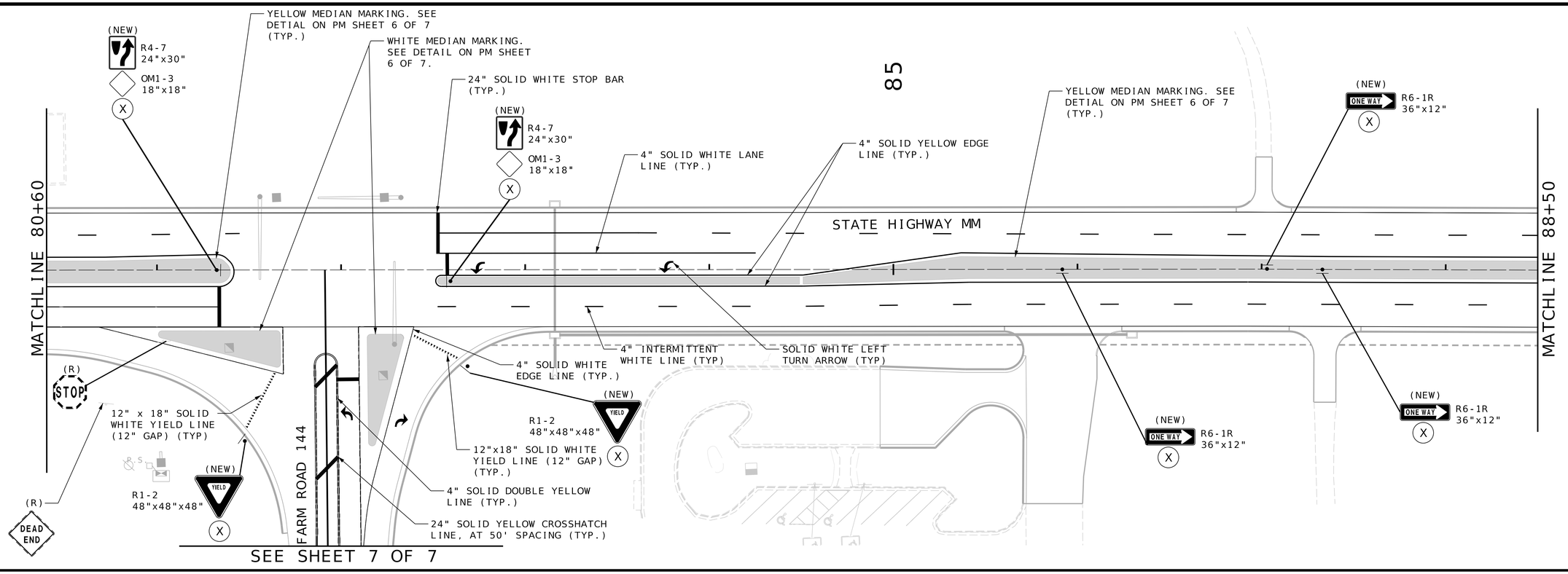
BRIDGE NO.

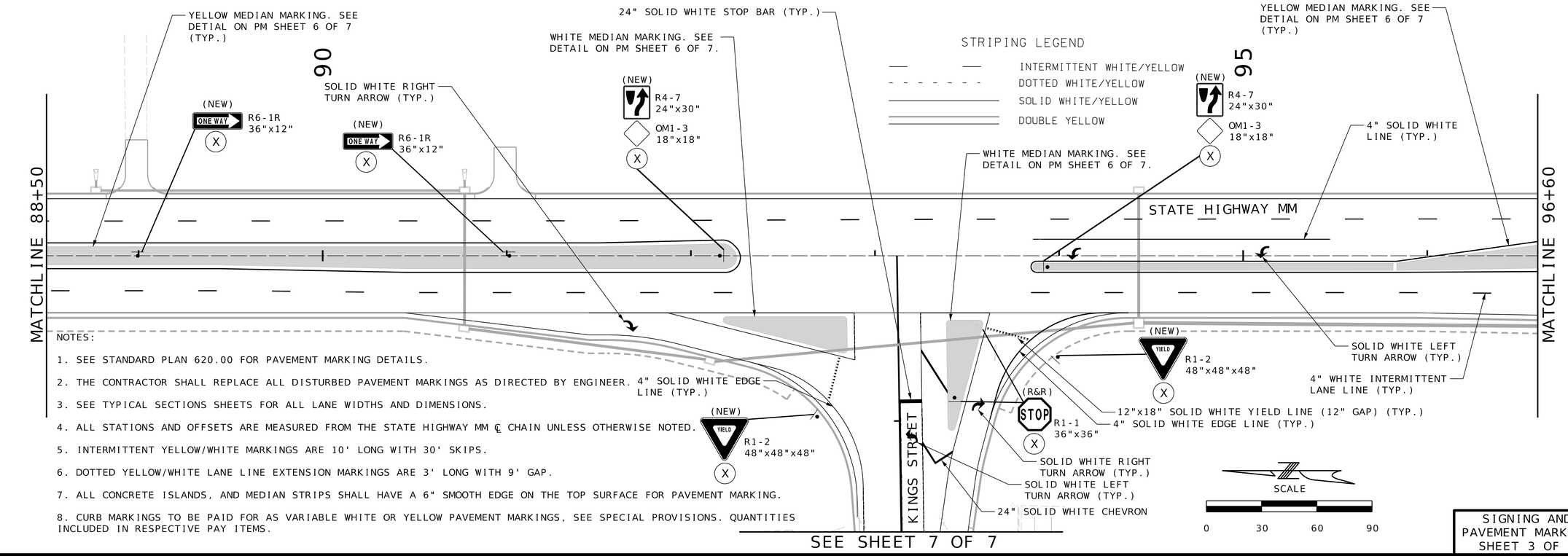
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

olsson
550 ST. 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 SECTIONS SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS.
4. ALL STATIONS AND OFFSETS ARE MEASURED FROM THE STATE HIGHWAY MM ℄ CHAIN UNLESS OTHERWISE NOTED.
5. INTERMITTENT YELLOW/WHITE MARKINGS ARE 10' LONG WITH 30' SKIPS.
6. DOTTED YELLOW/WHITE LANE LINE EXTENSION MARKINGS ARE 3' LONG WITH 9' GAP.
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SIGNING AND PAVEMENT MARKING SHEET 3 OF 7

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED	12/10/2024
ROUTE	MM
STATE	MO
DISTRICT	SW
SHEET NO.	43
COUNTY	GREENE
JOB NO.	J8S0836B
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

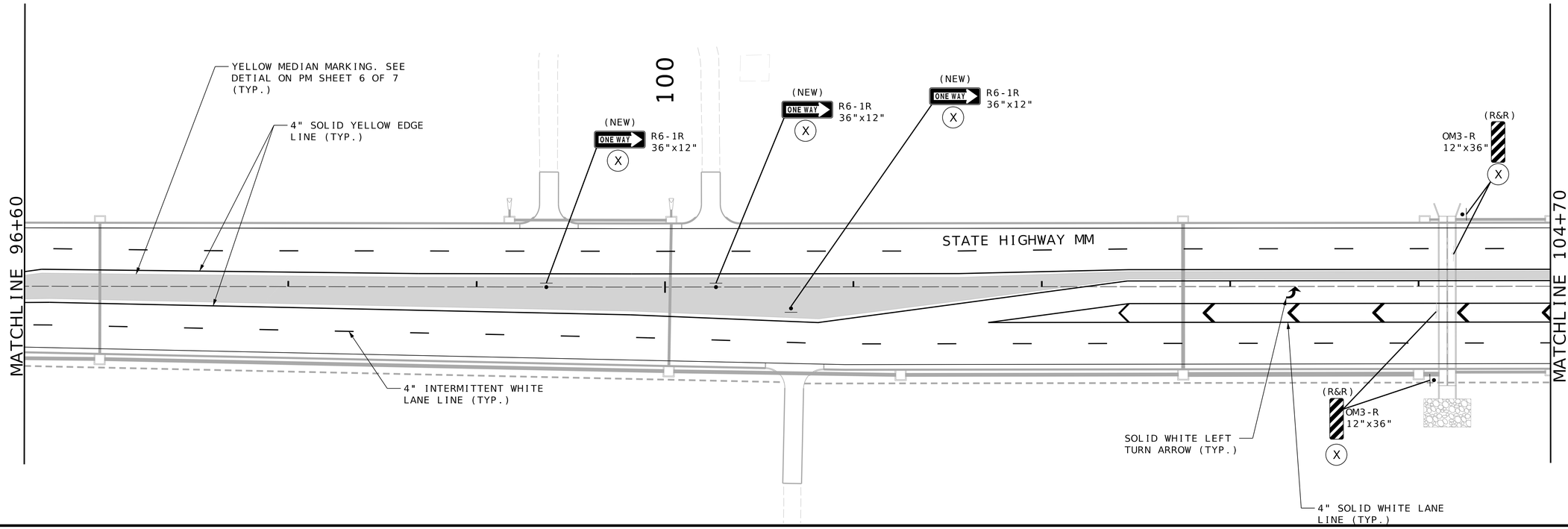
DESCRIPTION | DATE

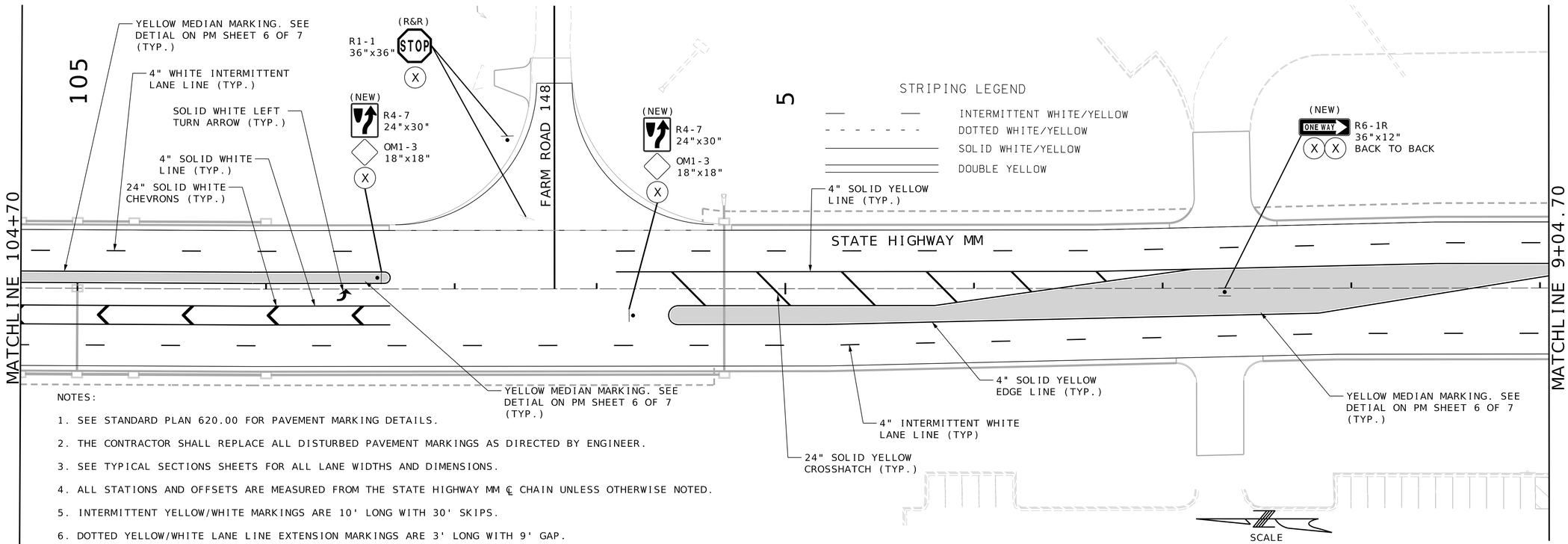
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

F:\2021\04501-05000\021-04908\40-Design\Microstation\J8S0836B\plan_sheets\14 Pavement Marking\000_PM_003_J8S0836B_I30.dgn 4:14:20 PM 12/10/2024





NOTES:

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2. THE CONTRACTOR SHALL REPLACE ALL DISTURBED PAVEMENT MARKINGS AS DIRECTED BY ENGINEER.
3. SEE TYPICAL SECTIONS SHEETS FOR ALL LANE WIDTHS AND DIMENSIONS.
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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	44

COUNTY: GREENE

JOB NO.: J8S0836B

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION

DATE

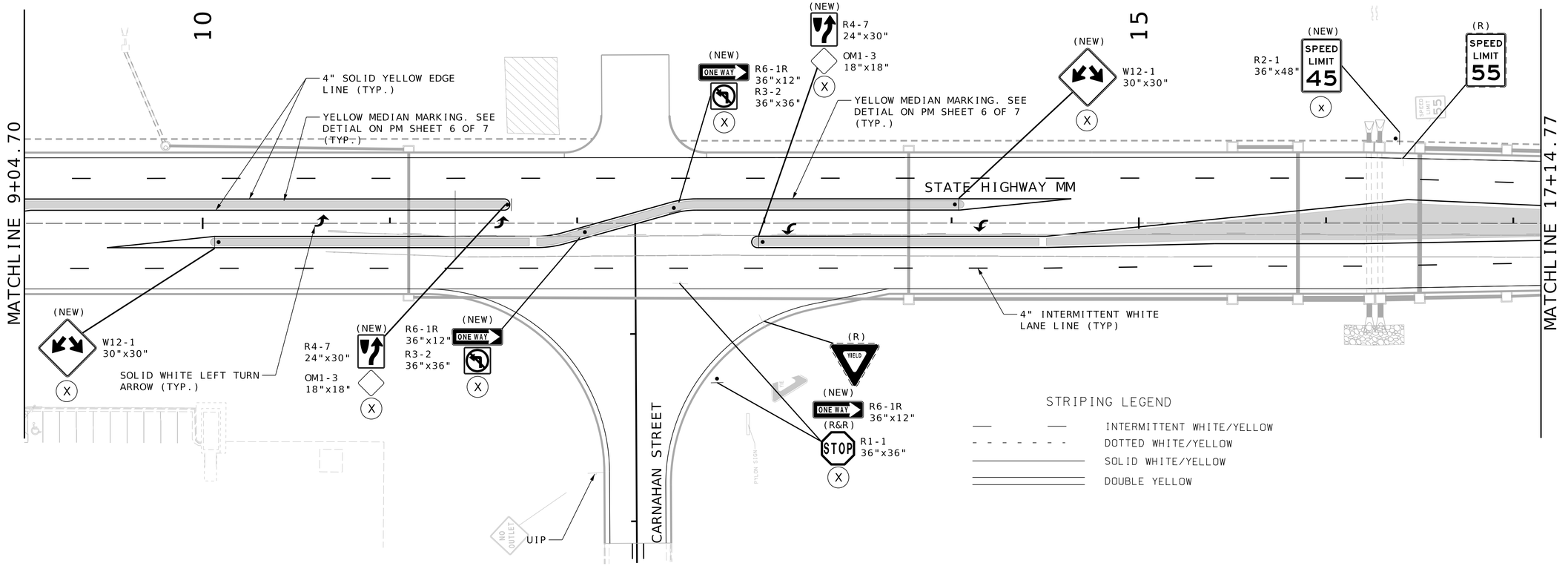
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

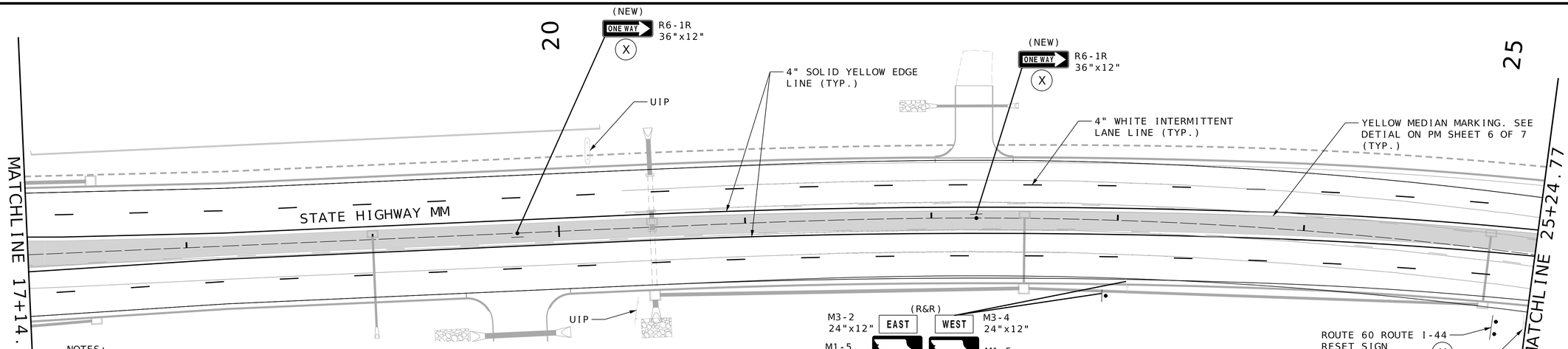
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

SIGNING AND PAVEMENT MARKING SHEET 4 OF 7





NOTES:

1. SEE STANDARD PLAN 620.00 FOR PAVEMENT MARKING DETAILS.
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SCALE
0 30 60 90

SIGNING AND PAVEMENT MARKING SHEET 5 OF 7

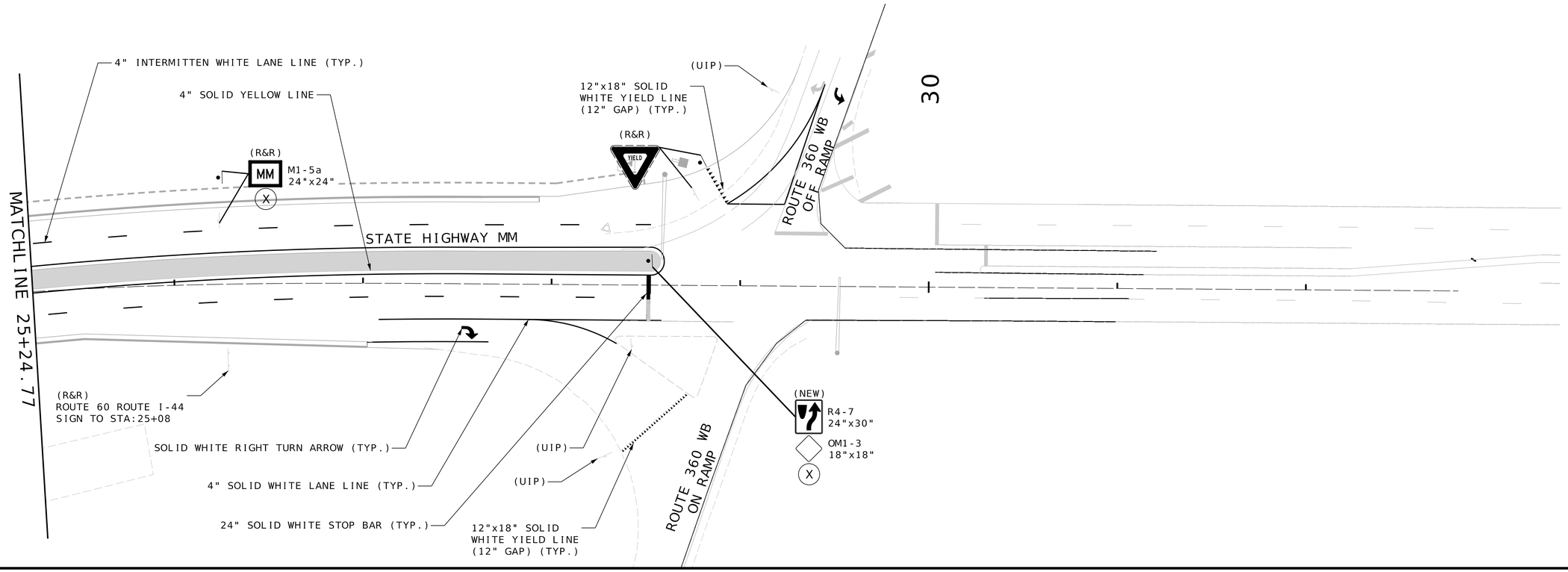
PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024
ROUTE MM | STATE MO
DISTRICT SW | SHEET NO. 45
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

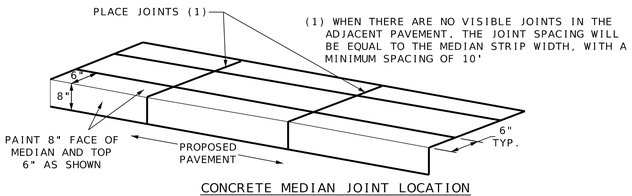
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592



NOTES:

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CONCRETE MEDIAN JOINT LOCATION

TYPICAL CONCRETE MEDIAN AND ISLAND DETAILS
N.T.S.

STRIPING LEGEND

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

SCALE

0 30 60 90

SIGNING AND PAVEMENT MARKING
SHEET 6 OF 7

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/11/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	46

COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

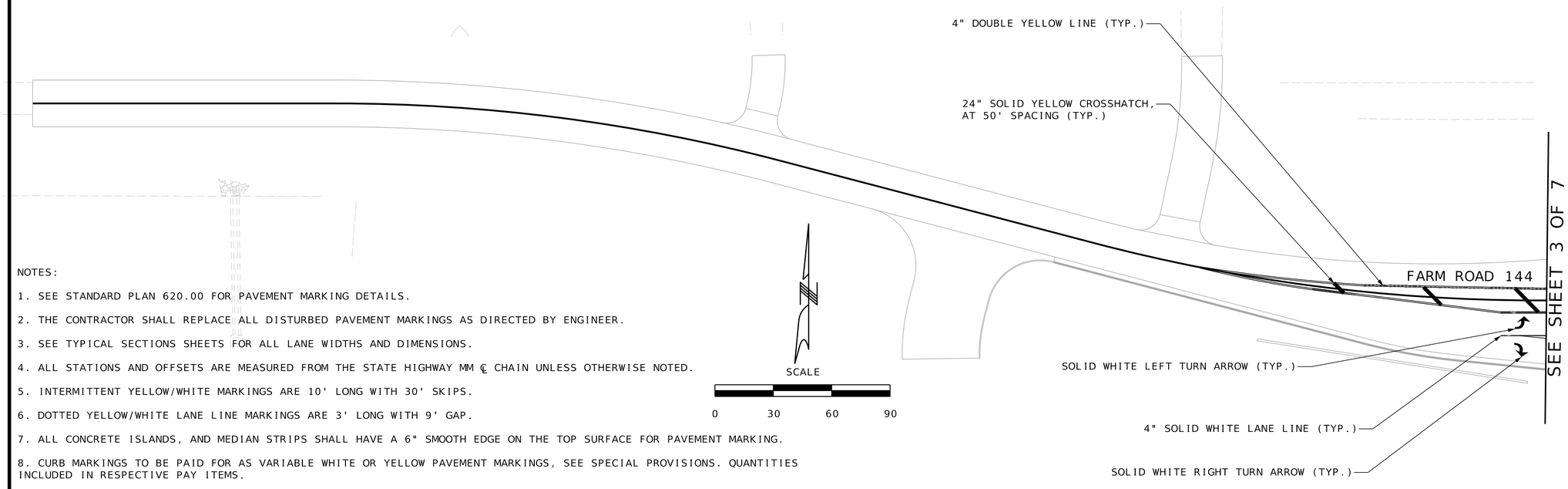
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

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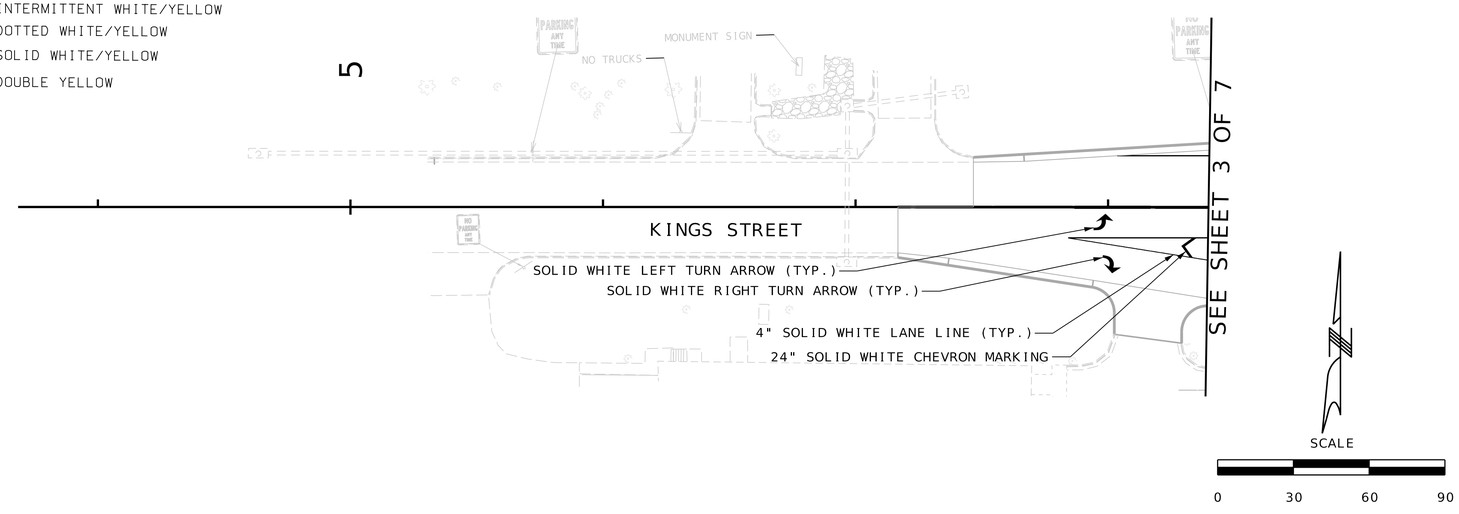


NOTES:

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STRIPING LEGEND

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



PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED: 12/10/2024
ROUTE: MM | STATE: MO
DISTRICT: SW | SHEET NO.: 47
COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

SIGNING AND PAVEMENT MARKING SHEET 7 OF 7

ROUTE I-44
EB ON RAMP
RAMP D

SW1/4 SW 1/4
23-29N-23W

M&S PROPERTIES OF
SPFD, LLC
SEE PROJECT J8S3239 FOR
LAND ACQUISITION

PROPOSED UTILITY ESM'T PURCHASE UNDER PROJECT J8S3239

PROPOSED R/W PURCHASE UNDER PROJECT J8S3239

+93.96
80.00'

+00.00
70.00'

+25.00
80.00'

+25.00
70.00'

SAWCUT

U.I.P.

+58.54
83.79'

+66.96
87.97'

R 90'

R 87'

+53.48
28.17'

+53.48
31.17'

TAPER END OF C&G
(U.I.P.)

(R)

50' EXIST. UTILITY ESM'T

EXISTING R/W

SL

(R)

(D.N.D.)

+99.20
35.00'

PI STA 51+99.20
Δ = 0°27'0" RT.

END COLDMILLING DEPTH TRANSITION
BEGIN 2" OVERLAY
STA. 51+09.01 ℄ RTE_MM

EOP
C&G

EX. EOS

8" CONC.
MEDIAN

BEGINS AT A POINT APPROX. 19.20'
EAST & 567.31' NORTH OF THE 1/4
CORNER OF SECTIONS 26 & 27, T29N R23W.

1/4 CORNER OF SECTIONS 26 & 27,
T29N R23W 567.63', N01°56'16"E
TO BEGINNING OF PROJECT.

STA. 544+07.60 CL (RTEI-44) =
STA. 46+86.90 CL (RTEMM)

RTEMM
℄ ROUTE MM

SECTION LINE

74°

℄ RTEI-44

BEGIN PROJECT
STA 48+58.54

2" MILL/FILL

BEGIN COLDMILLING
DEPTH TRANSITION
STA. 49+09.01

8" CONC.
MEDIAN

SAWCUT

S01°49'27"W

S02°16'27"W

SAWCUT

MATCHLINE STA. 52+45.00

EX. EOS

EOP
C&G

(R)

+58.54
18.02'

U.I.P.

+09.01
19.49'

CP #117

(R)

TAPER END OF C&G

(R)

8" CONC.
MEDIAN

(R)

EXISTING R/W

+07.70
40.55'

+64.09
30.87'

+64.09
33.87'

+98.93
35.00'

SL

R 65'

R 80'

APPROXIMATE
SINKHOLE
LOCATION

+25.00
75.00'

PROPOSED R/W PURCHASE
UNDER PROJECT J8S3239

+00.00
115.00'

(R)

SAWCUT

+19.16
129.76'

+39.52
127.88'

ROUTE I-44
EB OFF RAMP
RAMP C

SE1/4 SE 1/4
22-29N-23W

LAND SOLUTIONS LLC
SEE PROJECT J8S3239 FOR
LAND ACQUISITION

SCALE
0 20 40 60

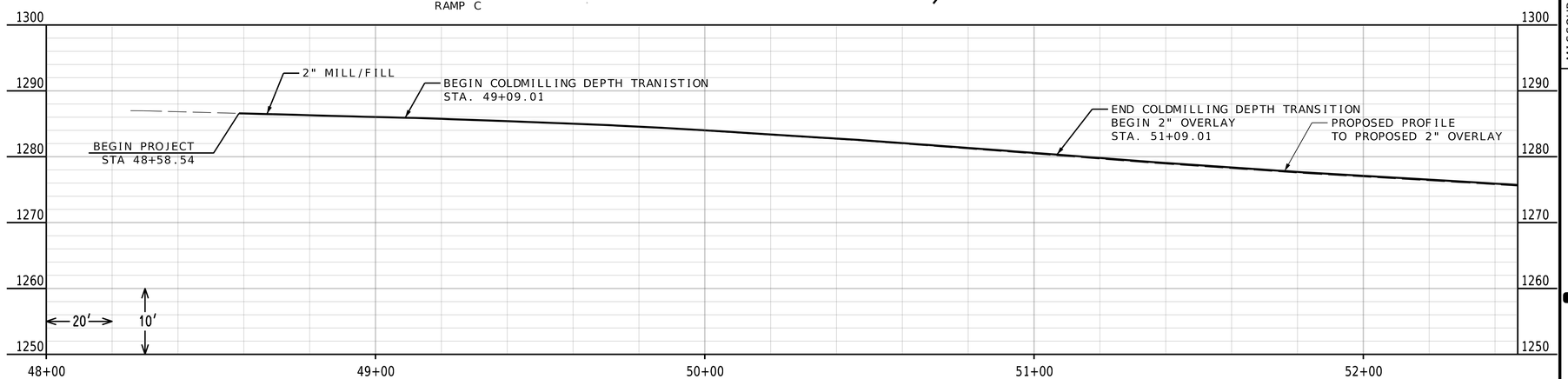
GENERAL NOTE:
THE APPROXIMATE LOCATION OF PROPERTY LINES AS SHOWN ON THE PLANS ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE.

RIGHT OF WAY LIMITS FOR THIS PROJECT EXTEND FROM STA. 54+23.16 TO STA. 20+26.86, ROUTE MM, A DISTANCE OF 1.322 MILES. PERMANENT EASEMENT LIMITS FOR THIS PROJECT EXTEND FROM STA. 54+85.00 TO STA. 107+32.30, ROUTE MM, A DISTANCE OF 0.994 MILES. TEMPORARY EASEMENT LIMITS FOR THIS PROJECT EXTEND FROM STA. 63+80.00 TO STA. 20+26.61, ROUTE MM, A DISTANCE OF 1.141 MILES.

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.

ALL DRIVEWAY RADII ARE 10' UNLESS OTHERWISE MARKED.



UTILITY SHEET
SHEET 1 OF 19

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE: MM
STATE: MO
DISTRICT: SW
SHEET NO.: 48
COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

M&S PROPERTIES OF SPFD, LLC
SEE SHEET 4

SW1/4 SW 1/4
23-29N-23W

20' EXIST. SAN. SEWER ESM'T

PROPOSED UTILITY ESM'T PURCHASED UNDER PROJECT J8S3239

PROPOSED R/W PURCHASED UNDER PROJECT J8S3239

SEE SHEET 23 FOR FR 140 PROFILES

STA. 5+57.25 FR140E
127' X 18" GROUP A PIPE (18")
2-18" GROUP A FES

NW1/4 NW1/4
26-29N-23W

01
AUSTIN, KENNETH W TR
43,515 SF NEW R/W
32.9 ACRES REMAINING

W. FARM RD 140

MATCHLINE STA. 52+45.00

MATCHLINE STA. 58+05.00

SECTION LINE

S02°16'27"W

STA. 54+23.16 ℄ (RTEMM)=
STA. 5+00.00 ℄ (FR140E)

STA. 54+25.53 ℄ (RTEMM)=
STA. 5+00.00 ℄ (FR140W)

RTEMM
℄ ROUTE MM

8" CONC. MEDIAN

ROCK LINING

TYPE A GUTTER

OBLITERATE

SEE SHEET 22
FOR DRIVEWAY REPLACEMENT
ALONG FR 140

TENTATIVE R/W

EXISTING R/W

EXISTING ESM'T

EXISTING COUNTY R/W

EXISTING CITY R/W

4' F.B.D.

4' F.B.D. LT

15' EXIST. UTILITY ESM'T

15' PERM. UTILITY ESM'T

PROPOSED R/W PURCHASED UNDER PROJECT J8S3239

APPROXIMATE SINKHOLE LOCATION

02
MCGUIRE, HEATHER B
14,499 SF NEW R/W
5,954 SF PERM. UTILITY ESM'T
9,550 SF TEMP. CONST. ESM'T
4.7 ACRES REMAINING

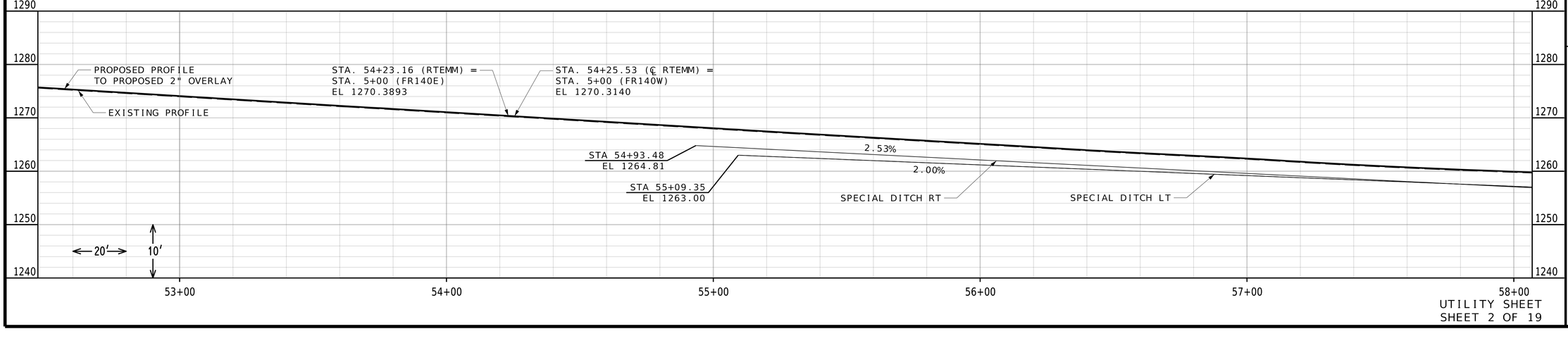
LAND SOLUTIONS LLC
SEE SHEET 4

SE1/4 SE 1/4
22-29N-23W

STA. 4+42.17 FR140W
82' X 18" GROUP A PIPE (18")
2-18" GROUP A FES

NE1/4 NE1/4
27-29N-23W

SCALE
0 20 40 60



UTILITY SHEET
SHEET 2 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024
ROUTE MM
STATE MO
DISTRICT SW
SHEET NO. 49
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

01

AUSTIN, KENNETH W TR

SEE SHEET 5

APPROXIMATE SINKHOLE LOCATION

NW1/4 NW1/4
26-29N-23W

MATCHLINE STA. 58+05.00

MATCHLINE STA. 63+65.00

60

+04.62
31.00'

TENTATIVE R/W

SL

4' F.B.D.

ROCK LINING

TYPE A GUTTER

EXISTING R/W

EOP
C&G

(R)

+60.89
31.70'

+73.88
31.49'

+56.34
31.00'

SECTION LINE

SAWCUT

S02°16'27"W

RTEMM
℄ ROUTE MM

8" CONC. MEDIAN

+60.99
31.70'

+73.99
31.49'

+56.43
31.00'

15' EXIST. UTILITY ESM'T

C&G
EOP

+04.62
31.00'

TENTATIVE R/W

15' PERM. UTILITY ESM'T

EXIST. UTILITY ESM'T

02

MCGUIRE, HEATHER B

SEE SHEET 5

NE1/4 NE1/4
27-29N-23W

03

MM FARM LLC

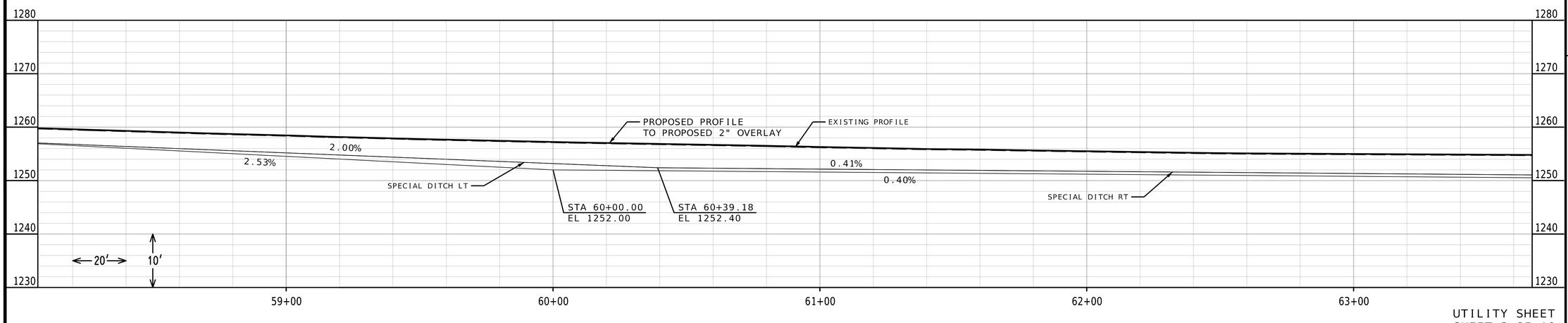
12,820 SF NEW R/W
4,808 SF PERM. UTILITY ESM'T
18.3 ACRES REMAINING

04

PLAZA SOUTHWEST LLC

21,981 SF NEW R/W
8,242 SF PERM. UTILITY ESM'T
15.9 ACRES REMAINING

SCALE
0 20 40 60



UTILITY SHEET
SHEET 3 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE MM | STATE MO
DISTRICT SW | SHEET NO. 50
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

01
AUSTIN, KENNETH W TR
SEE SHEET 5

APPROXIMATE SINKHOLE LOCATION

NW1/4 NW1/4
26-29N-23W

05
BEINE, SUSAN
7,521 SF NEW R/W
1,168 SF TEMP. CONST. ESM'T.
3.8 ACRES REMAINING

PAVED APPROACH (7")
STA. 67+30.02 ℄ RTE MM LT.
5.99% GRADE
20.0' WIDTH
18"X29' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

TEMP. CONST. ESM'T
+80.00 70.00'
+80.00 85.00'

174 SECTION LINE

SW1/4 NW1/4
26-29N-23W

07
KDEB PROPERTIES LLC ETAL
SEE SHEET 8

+00.00 85.00'
+00.00 70.00'

TENTATIVE R/W
65
SL
ROCK LINING
4' F.B.D.
TYPE A GUTTER
FES 65FES1
C&G
EOP
R 10.5'
(R)
EXISTING R/W
EXIST. EOS
SAWCUT
SECTION LINE
S02°16'27"W
℄ ROUTE MM
8" CONC. MEDIAN
+79.34 31.00'
+96.44 31.00'
+37.44 31.00'
+61.34 31.00'
+74.34 31.00'
+79.43 31.00'
MATCHLINE STA. 63+65.00
MATCHLINE STA. 69+25.00
15' EXIST. UTILITY ESM'T
FES 65FES2
15' PERM. UTILITY ESM'T

SCALE
0 20 40 60

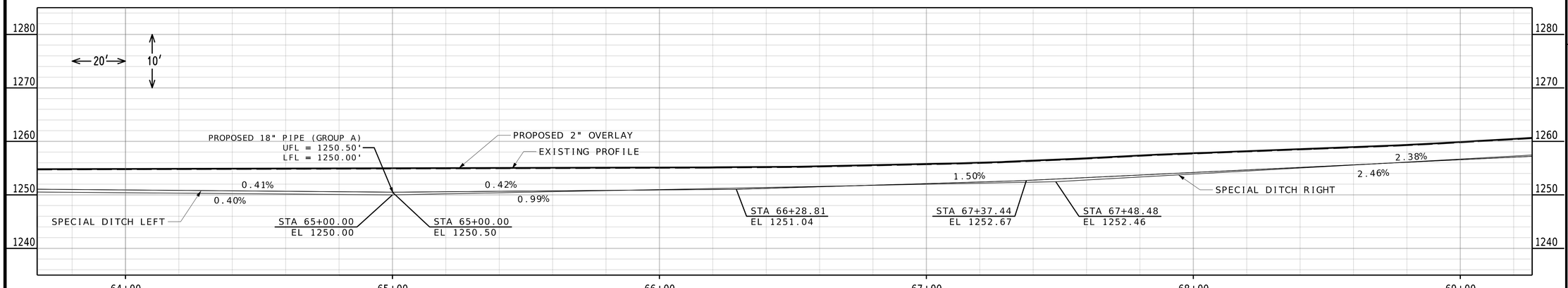
NE1/4 NE1/4
27-29N-23W

FES 65FES1, 65FES2, ℄ RTEMM
STA. 65+00.31
18"X84' GROUP A PIPE (18")
2-18" GROUP A F.E.S.

04
PLAZA SOUTHWEST LLC
SEE SHEET 6

SE1/4 NE1/4
27-29N-23W

06
MONETT APARTMENTS LLC
20,668 SF NEW R/W
7,750 SF PERM. UTILITY ESM'T
2,382 SF TEMP. CONST. ESM'T
1.9 ACRES REMAINING



UTILITY SHEET
SHEET 4 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024
ROUTE MM
STATE MO
DISTRICT SW
SHEET NO. 51
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

SW1/4 NW1/4
26-29N-23W

07
KDEB PROPERTIES LLC ETAL
16,470 SF NEW R/W
2,130 SF TEMP. CONST. ESM'T.
20.6 ACRES REMAINING

08
MEESE, ELIZABETH E
3,451 SF NEW R/W
1,150 SF TEMP. CONST. ESM'T.
0.9 ACRES REMAINING

10
AVILA, RAMSES
CALEB ETAL
VELAZQUEZ, EMMA
AVILA ETAL
3,030 SF NEW R/W
1,010 SF TEMP.
CONST. ESM'T.
5.4 ACRES
REMAINING

PAVED APPROACH (7")
STA. 69+45.23 ℄ RTE MM LT.
6.13% GRADE
15' WIDTH
REMOVE 15" CMP
18"X24' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

PAVED APPROACH (7")
STA. 72+68.45 ℄ RTE MM LT.
2.59% GRADE
12' WIDTH
REMOVE 12" CMP
18"X19' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

PAVED APPROACH (7")
STA. 73+74.95 ℄ RTE MM LT.
-2.09% GRADE
12.5' WIDTH
REMOVE 12" CMP
18"X20' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

PAVED APPROACH (7")
STA. 74+43.22 ℄ RTE MM LT.
-0.64% GRADE
12.5' WIDTH
REMOVE 12" CMP
18"X19' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

PAVED APPROACH (7")
STA. 74+76.16 ℄ RTE MM LT.
-0.13% GRADE
8' WIDTH
REMOVE 15" CMP
18"X19' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

+49.05 60.01'
+48.95 70.01'
+63.95 70.00'
+64.95 70.00'

TENTATIVE R/W
TEMP. CONST. ESM'T
SL
ROCK LINING
4' F.B.D.
TYPE B C&G
TYPE A GUTTER
EXISTING R/W
8" CONC. MEDIAN
SAWCUT
15' EXIST. UTILITY ESM'T
(D.N.D.) TREE
(D.N.D.) HOUSE
15' PERM. UTILITY ESM'T

MATCHLINE STA. 69+25.00
MATCHLINE STA. 74+85.00

+27.23 31.00'
+63.23 31.00'
+61.34 31.00'
+74.34 31.00'
+51.95 31.00'
+84.95 31.00'
+58.20 31.00'
+91.70 31.00'
+26.47 31.00'
+83.51 31.00'
+22.51 31.00'
+55.10 31.00'
+91.10 31.00'

SECTION LINE
S02°16'27"W
℄ ROUTE MM
RTEMM

PAVED APPROACH (7")
STA. 70+03.01 ℄ RTE MM RT.
0.62% GRADE
18' WIDTH
REMOVE 12" CMP
18"X27' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

+80.01 70.00'
+84.01 108.07'
+26.58 70.00'
+27.08 107.98'
+40.81 70.00'
+40.94 113.53'
+83.05 113.66'
+83.07 107.60'
+90.93 107.53'
+90.81 70.00'

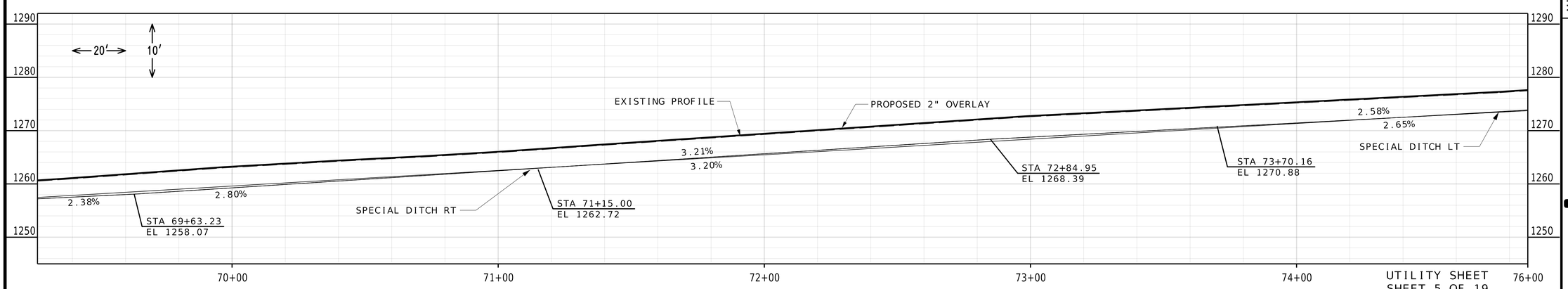
PAVED APPROACH (7")
STA. 70+73.10 ℄ RTE MM RT.
1.57% GRADE
15' WIDTH
REMOVE 12" CMP
18"X28' GROUP C PIPE (18")
2-18" GROUP C F.E.S.

SE1/4 NE1/4
27-29N-23W

06
MONETT APARTMENTS LLC
SEE SHEET 7

09
ASSET HOLDINGS GROUP LLC
32,175 SF NEW MODOT R/W
11,592 SF PERM. UTILITY ESM'T
4,365 SF TEMP. ESM'T
36.2 ACRES REMAINING

SCALE
0 20 40 60



UTILITY SHEET
SHEET 5 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

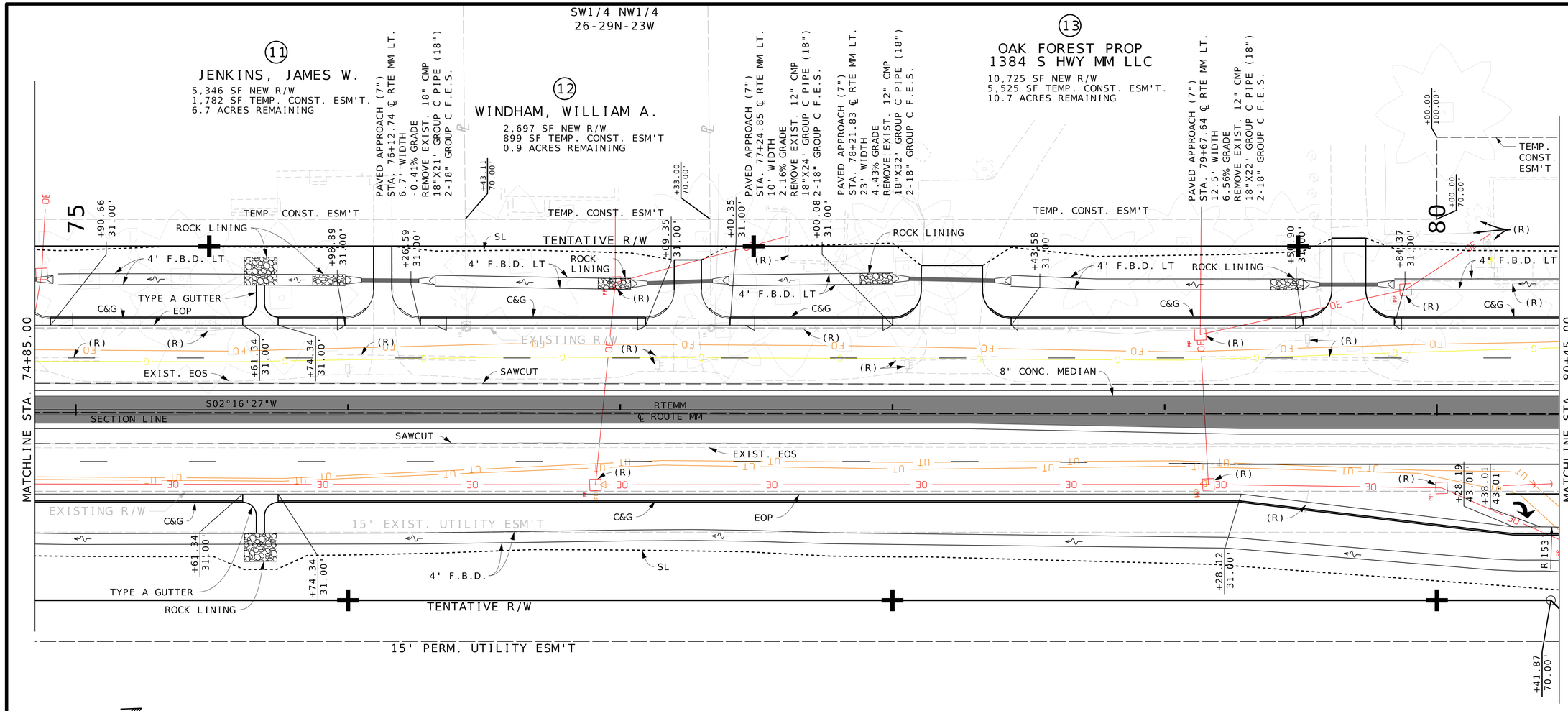
DATE PREPARED 12/10/2024
ROUTE MM | STATE MO
DISTRICT SW | SHEET NO. 52
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

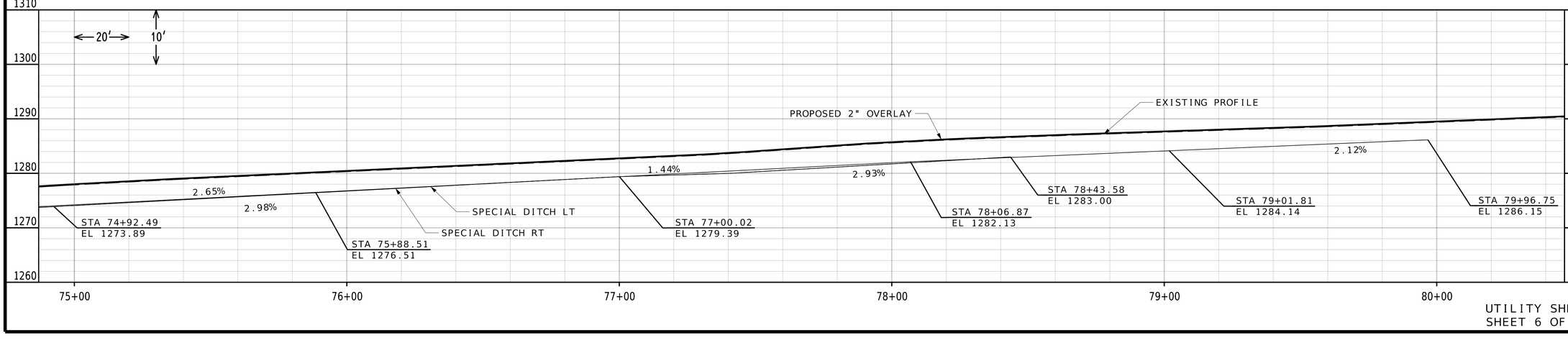
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SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



SCALE
0 20 40 60

09
ASSET HOLDINGS GROUP LLC
SEE SHEET 8

SE1/4 NE1/4
27-29N-23W



UTILITY SHEET
SHEET 6 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024
ROUTE MM | STATE MO
DISTRICT SW | SHEET NO. 53
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

(13)
OAK FOREST PROP-1384 S HWY MM LLC
SEE SHEET 9

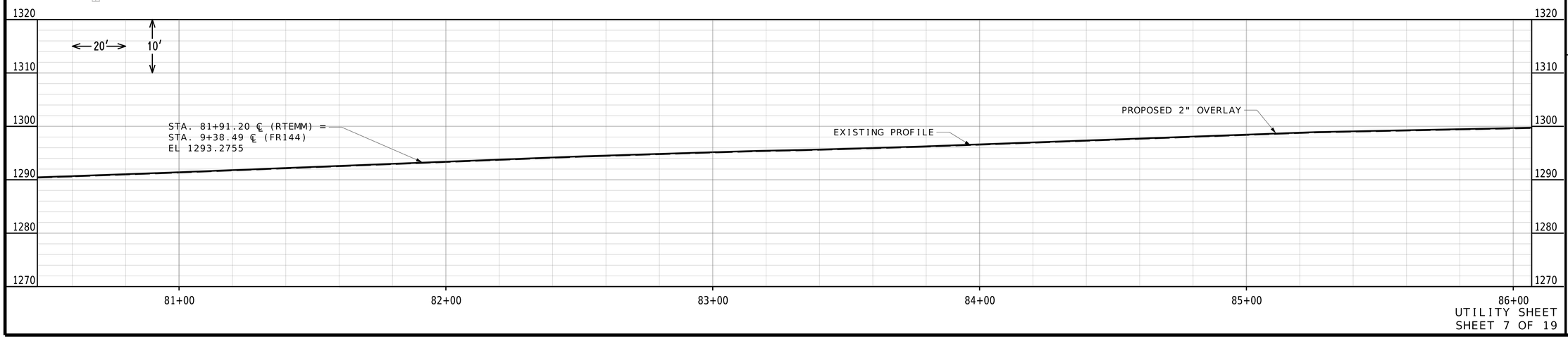
NW1/4 SW1/4
26-29N-23W

100' EXIST. UTILITY ESM'T

(14)
GARRETT, LEE TR ETAL
30,559 SF NEW R/W
22.0 ACRES REMAINING

SCALE
0 20 40 60

TEMP. CONST. ESM'T
+65.00 70.00'
+65.00 100.00'
1/4 SECTION LINE
+90.52 70.00'
+90.62 60.00'
+00.00 70.00'
TENTATIVE R/W
SW1/4 NW1/4
26-29N-23W
SL
85
4' F.B.D. LT
(R)
INLET 83T1
EOP
C&G
EXISTING R/W
8" CONC. MEDIAN
SAWCUT
EXIST. EOS
RTEMM
℄ ROUTE MM
S02°16'27"W
90.55°
SECTION LINE
MATCHLINE STA. 80+45.00
MATCHLINE STA. 86+05.00
8" CONC. MEDIAN
STA. 81+91.20 ℄ (RTEMM)=
STA. 19+38.49 ℄ (Farm Road 144 HCL)
+95.68 52.83'
R 153'
+75.86 47.77'
R 100'
+13.00 31.00'
INLET 83T2
+60.30 31.00'
+60.30 34.00'
R 10'
FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E
FES 83FES1
EXIST. 15" DRAINAGE, SANITARY SEWER, AND U/E ESM'T
AT&T FACILITIES ESM'T
FR 144 ℄
S88°16'31"E
R 78'
EXISTING CITY R/W
+75.03 56.57'
+83.88 56.58'
TEMP. CONST. ESM'T
1.75" BP-1 OVER 5.75" PMBB
10' EXIST. UTILITY ESM'T
+92.68 52.92'
+92.68 96.66'
+22.64 96.69'
+39.98 79.09'
R 17.5'
+70.30 91.54'
SAWCUT
SL
C&G
EXIST. C&G
TEMP. CONST. ESM'T
+62.00 105.00'
+60.00 105.00'
+70.06 127.37'
+02.65 127.37'
15' EXIST. UTILITY ESM'T
SAWCUT
15' PERM. UTILITY ESM'T
+57.01 85.00'
+60.77 88.72'
TENTATIVE R/W
TEMP. CONST. ESM'T
EXIST. CITY R/W
EXIST. CITY R/W
TEMP. CONST. ESM'T
(15)
MURFIN INC
22,102 SF NEW R/W
23,816 SF NEW CITY R/W
49,696 SF TEMP. ESM'T.
8.0 ACRES REMAINING
NE1/4 SE1/4
27-29N-23W
EXIST. UTILITY ESM'T
PAVED APPROACH (8")
STA. 85+87.68 ℄ ROUTE MM RT
33.4' WIDTH
GRADE = 3.84%
REMOVE EXIST. 18" RCP



UTILITY SHEET
SHEET 7 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED	
12/10/2024	
ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	54

COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

(14)
GARRETT, LEE TR ETAL
SEE SHEET 10

10' EXIST. UTILITY ESM'T

PAVED APPROACH (7")
STA. 87+01.06 ℄ RTE MM LT.
9' WIDTH
-2.36% GRADE

PAVED APPROACH (7")
STA. 88+98.88 ℄ RTE MM LT.
12' WIDTH
-2.44% GRADE

NW1/4 SW1/4
26-29N-23W

(17)
THOMAS, RANDY
22,740 SF NEW R/W
11.8 ACRES REMAINING

PAVED APPROACH (7")
STA. 90+99.10 ℄ RTE MM LT.
12' WIDTH
-5.40% GRADE
REMOVE EXIST. 12" CMP

MATCHLINE STA. 86+05.00

TENTATIVE R/W
4' F.B.D. LT
SL
EXISTING R/W
EOP
C&G
EXIST. EOP
SAWCUT
8" CONC. MEDIAN
INLET 88T1
INLET 90T1
INLET 86T1
INLET 90T2
P1 STA 86+92.60
Δ = 0°14'14" RT
S02°16'27"W
S02°30'41"W
SECTION LINE
RTEMM
℄ ROUTE MM
EXISTING CITY R/W
15' EXIST. UTILITY ESM'T
10' PERM. UTILITY ESM'T
FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E
TEMP. CONST. ESM'T
10' EXIST. ELECTRIC LINE ESM'T
15' EXIST. UTILITY ESM'T
10' EXIST. UTILITY ESM'T
R=135'

+92.60 70.00'
+86.25 31.00'
+16.06 31.00'
+82.38 31.00'
+15.38 31.00'
+82.60 31.00'
+15.60 31.00'
+24.02 31.00'
+54.07 31.00'
+18.07 31.00'
+44.63 31.00'
+27.54 80.00'
+27.54 70.00'
+27.54 56.81'
+92.60 70.00'
+20.00 70.00'
+20.00 80.00'
+50.00 80.00'
+50.00 70.00'
+44.63 43.00'
+54.45 43.00'
+65.00 70.00'

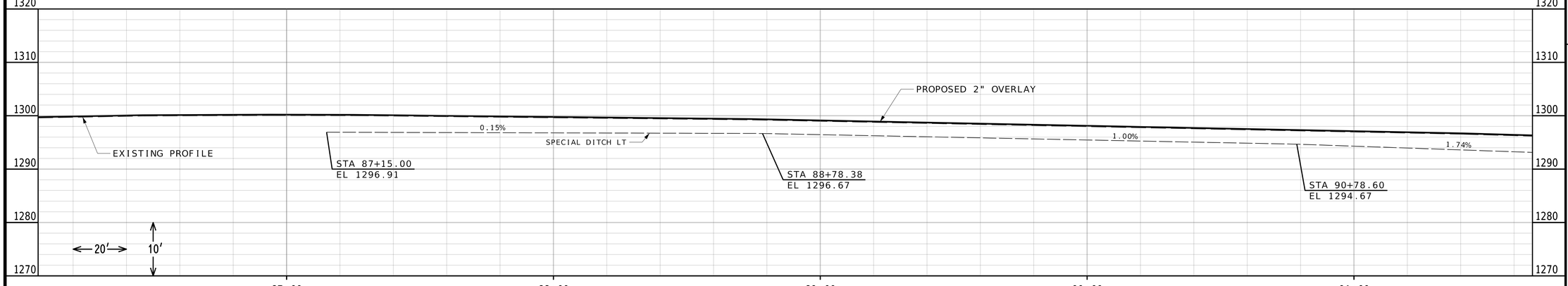
(16)
RED MONKEY FOODS PROP HOLDINGS
12,580 SF NEW R/W
8,254 SF PERM. UTILITY ESM'T
1,198 SF TEMP. CONST. ESM'T.
10.1 ACRES REMAINING

NE1/4 SE1/4
27-29N-23W

PAVED APPROACH (7")
STA. 87+34.57 ℄ RTE MM RT.
12.5' WIDTH
2.66% GRADE

MATCHLINE STA. 91+65.00

SCALE
0 20 40 60



UTILITY SHEET
SHEET 8 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024
ROUTE MM | STATE MO
DISTRICT SW | SHEET NO. 55
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

(17)
THOMAS, RANDY
SEE SHEET11

NW1/4 SW1/4
26-29N-23W

SW1/4 SW1/4
26-29N-23W

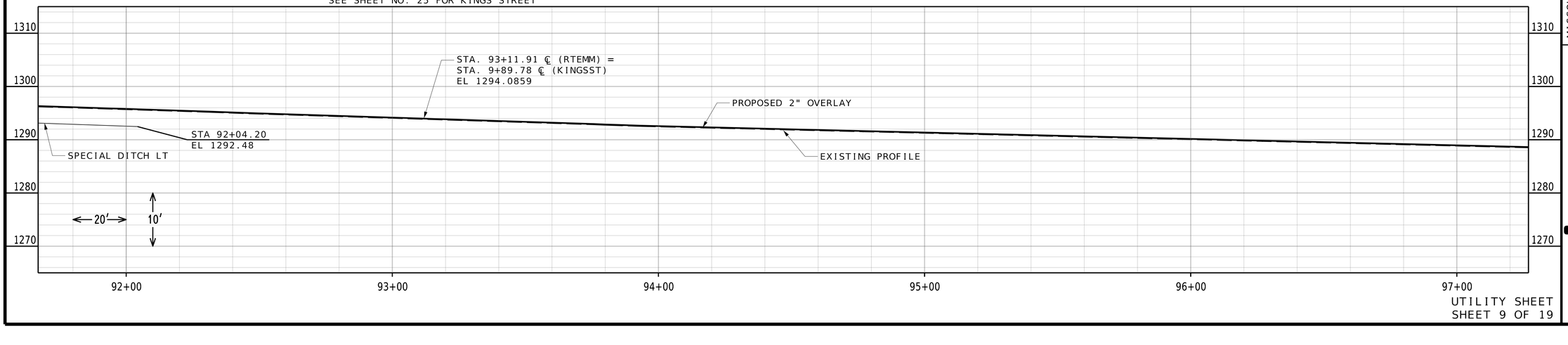
(19)
MCCALL, VIRGINIA TR ETAL
46,384 SF NEW R/W
325 SF TEMP CONST. ESM'T
77.9 ACRES REMAINING

SCALE
0 20 40 60

TENTATIVE R/W
1/4 1/4 SECTION LINE
95
SL
(R)
4' F.B.D.
INLET 94T1
EOP
C&G
INLET 97T1
EXISTING R/W
EXIST. EOS
SAWCUT
+80.67
31.00'
8" CONC. MEDTAN
STA. 93+11.91 ℄ (RTEMM)
STA. 9+89.78 ℄ (KingsSt1)
SECTION LINE
90.91°
S02°30'41"W
RTEMM
℄ ROUTE MM
8" CONC. MEDIAN
MATCHLINE STA. 91+65.00
MATCHLINE STA. 97+25.00
8" CONCRETE MEDIAN
+95.60
31.00'
EXISTING CITY R/W
INLET 94T2
INLET 97T2
R 153'
C&G
EOP
INLET 92T1
+91.72
47.61'
+31.34
57.56'
R178'
+37.72
31.00'
S88°23'58"E
R 60'
R178'
+62.43
88.81'
+57.87
105.85'
10' EXIST. UTILITY ESM'T
15' EXIST. UTILITY ESM'T
5' EXIST. UTILITY ESM'T
ADJUST SAN. MH
+91.65
85.00'
+90.06
127.30'
PERM. UTILITY ESM'T
FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E
TENTATIVE R/W
PERM. UTILITY ESM'T
+38.15
90.00'
+60.00
75.00'
25' EXIST. UTILITY ESM'T
KingsSt1
℄ Kings Street
+54.18
123.90'
R 153'
PERM. BUILDING SETBACK & UTILITY ESM'T.
PERM. SANITARY SEWER ESM'T.
TEMP. CONST. ESM'T
MODOT R/W
CITY R/W
+79.04
134.19'
+94.55
186.47'
+73.79
134.19'
8+15.77
20' EXIST. UTILITY ESM'T
15' EXIST. BUILDING SETBACK & EXIST. UTILITY ESM'T
PAVED APPROACH (8")
STA. 8+15.77 ℄ KINGS STREET RT.
26.5' WIDTH
GRADE = 0.85%
SEE SHEET NO. 25 FOR KINGS STREET

(16)
RED MONKEY FOODS
PROP HOLDINGS
SEE SHEET 11
NE1/4 SE1/4
27-29N-23W

(18)
STORE MASTER FUNDING XI LLC
11,220 SF NEW MODOT R/W
1,918 SF NEW CITY R/W
3,768 SF PERM. UTILITY ESM'T
2,452 SF PERM. BUILD. SETBACK & UT ESM'T
1,730 SF PER. SANITARY SEWER ESM'T
388 SF. TEMP. CONST. ESMT.
3.5 ACRES REMAINING
SE1/4 SE1/4
27-29N-23W



UTILITY SHEET
SHEET 9 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED	
12/10/2024	
ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	56
COUNTY	
GREENE	
JOB NO.	
J8S0836B	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

(19)
MCCALL, VIRGINIA TR ETAL
SEE SHEET12

(21)
ERWIN, GREGGORY
6,400 SF NEW R/W
0.8 ACRES REMAINING

SW1/4 SW1/4
26-29N-23W

(19)
MCCALL, VIRGINIA TR ETAL
SEE SHEET12

SCALE
0 20 40 60

PAVED APPROACH (7")
STA. 99+38.65 ℄ RT
-3.39% GRADE
10.0' WIDTH

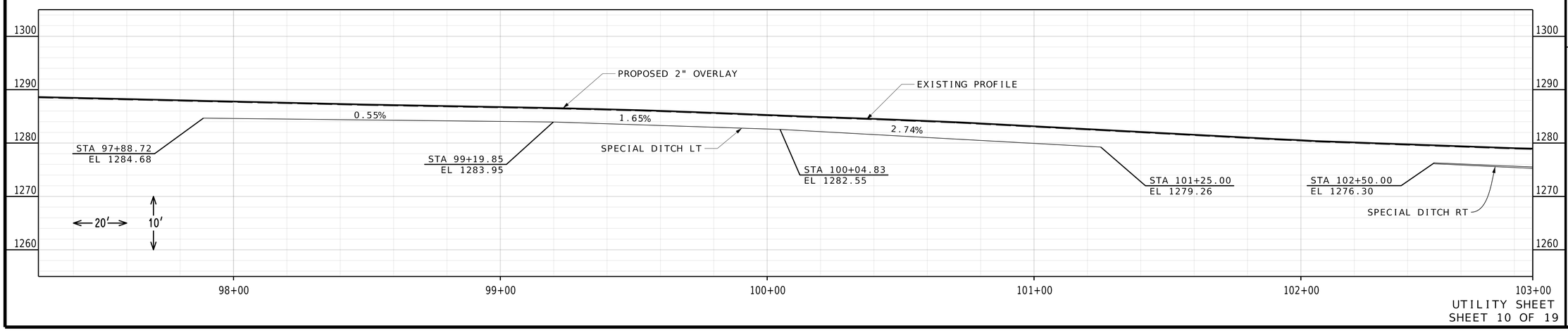
+82.30
70.00'

100

PAVED APPROACH (7")
STA. 100+24.35 ℄ RTE MM LT
-4.45% GRADE
10.0' WIDTH

TENTATIVE R/W
SL
4' F.B.D. LT
EOP
C&G
(R)
INLET 99T1
INLET 100T1
INLET 102T1
+08.85
31.00'
+39.85
31.00'
+22.85
31.00'
+53.85
31.00'
EXISTING R/W
EXIST. EOS
SAWCUT
PI STA 99+82.30
Δ = 0°8'18" LT
SECTION LINE
S02°30'41"W
S02°22'23"W
MATCHLINE STA. 97+25.00
MATCHLINE STA. 102+85.00
RTEMM
℄ ROUTE MM
8" CONC. MEDIAN
+53.29
40.30'
+84.28
40.99'
EXIST. 10' UTILITY ESM'T
INLET 100T2
INLET 101T1
INLET 102T2
4' F.B.D. RT
SL
+95.56
41.24'
PERM. UTILITY ESM'T
FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E
+82.30
75.00'
+82.30
90.00'
+50.00
111.00'
+50.00
75.00'
+85.00
111.00'
+85.00
75.00'
TEMP. CONST. ESM'T
APPROXIMATE
SINKHOLE
LOCATION
SE1/4 SE1/4
27-29N-23W
PAVED APPROACH (7")
STA. 100+68.03 ℄ RTE MM RT.
4.00% GRADE
9' WIDTH

(20)
TCS LAND INVESTMENT LLC
47,563 SF NEW R/W
15,486 SF PERM. UTILITY ESM'T
1,260 SF TEMP. CONST. ESM'T.
18.2 ACRES REMAINING



UTILITY SHEET
SHEET 10 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	57

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

SCALE
0 20 40 60

(19)
MCCALL, VIRGINIA TR ETAL
SEE SHEET12

SW1/4 SW1/4
26-29N-23W

AGGREGATE DRWY.
STA. 1+09.00 ℄ FR 148 LT.
8' WIDTH

EXISTING CITY R/W

NW1/4 NW1/4
35-29N-23W

TEMP. CONST. ESM'T

PLUG WELL

SAWCUT

SL

(D.N.D.)

FES 4FES1

INLET 4T1

INLET 4T2

8" CONC. MEDIAN

SECTION LINE

S87°57'31"E

FR 148 CL
℄ FR 148

R 85'

R75'

TENTATIVE R/W

4' F.B.D. LT

INLET 105T1

INLET 104T2

INLET 104T3

INLET 105T4

INLET 106T1

EOP
C&G

EXISTING R/W

PI STA 105+92.90
Δ = 0°19'54" LT

MATCHLINE STA. 102+85.00

MATCHLINE STA. 4+70.00

EXIST. EOS

SAWCUT

SECTION LINE

S02°22'23"W

S02°02'29"W

RTEMM (℄ ROUTE MM)

INLET 105T2

INLET 104T1

INLET 104T4

INLET 105T3

INLET 105T5

INLET 106T2

EXIST. 10' UTILITY ESM'T

EQUATION:
STA 107+56.19 BK =
STA 3+80.96 AH

STA. 107+52.92 (℄ RTEMM)
STA. 0+00.00 (℄ FR148)

90°

ROCK LINING

PERM. UTILITY ESM'T

FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E

EXISTING 10'
UTILITY ESM'T

EXISTING 15'X20'
UTILITY ESM'T

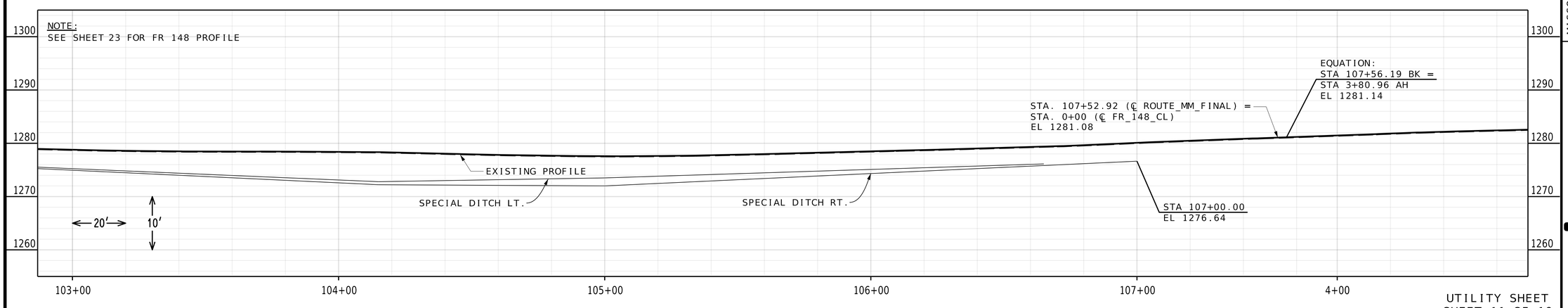
EXIST
UTILITY
ESM'T

(20)
TCS LAND INVESTMENT LLC
SEE SHEET 13

SE1/4 SE1/4
27-29N-23W

NE1/4 NE1/4
34-29N-23W

NOTE:
SEE SHEET 23 FOR FR 148 PROFILE



PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	58

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

PSQUAREDSTORAGE LLC
NO ACQUISITION

NW1/4 NW1/4
35-29N-23W

S2J HOLDINGS LLC
NO ACQUISITION

SCALE
0 20 40 60

MATCHLINE STA. 4+70.00

MATCHLINE STA. 10+30.00

SAWCUT

EXISTING R/W

+71.55
31.00'

FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E

SL

4' F.B.D. LT

C&G

EOP

+64.28
31.00'

PAVED APPROACH (8")
STA. 7+31.33 LT
GRADE = 2.46%
30' WIDTH

+44.42
35.00'

FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E

MANHOLE 9M1

+03.66
31.87'

(R)

+60.65
33.14'

EXIST. EOS

SAWCUT

8" CONC. MEDIAN

SECTION LINE

S02°02'22"W

RTEMM
℄ ROUTE MM

8" CONC. MEDIAN

SAWCUT

+07.11
36.89'

(R)

+53.11
35.87'

(R)

EXIST. EOS

(R)

(R)

+22.17
41.00'

SL

EOP

C&G

+92.31
35.00'

SAWCUT

(D.N.D.) GATE

EXISTING R/W

+05.00
88.58'

+60.00
68.58'

+05.00
110.00'

TEMP. CONST.
ESM'T

+60.00
110.00'

PAVED APPROACH (8")
STA. 7+32.22 RT
GRADE = -6.28%
25.0' WIDTH

EXIST. 10' UTILITY ESM'T

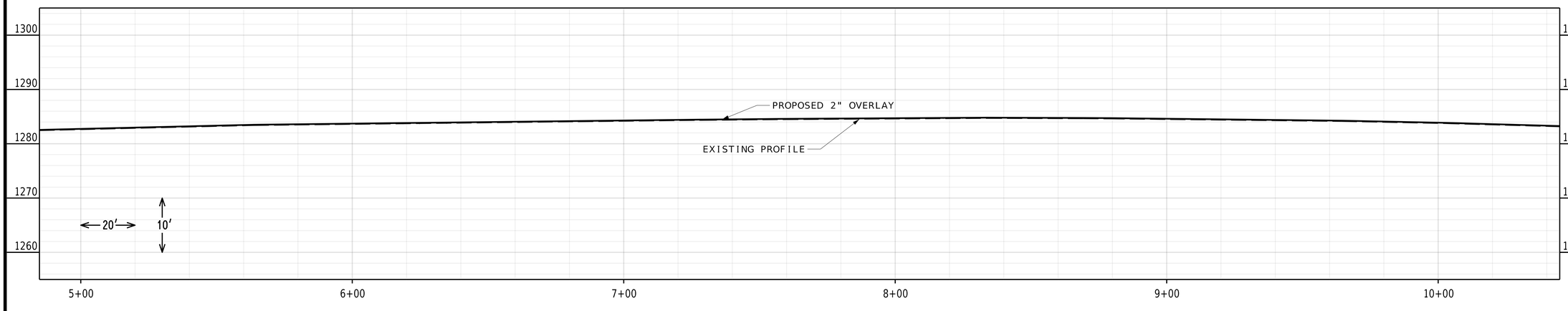
EXIST. 10' ELECTRIC
LINE ESM'T (UNDERGROUND)

NE1/4 NE1/4
34-29N-23W

22

OLD C-W VENTURES INC ETAL
HAMMIT-EOFF PROPERTIES LLC ETAL

2,119 SF NEW R/W
1,178 SF TEMP. CONST ESM'T.
8.9 ACRES REMAINING



UTILITY SHEET
SHEET 12 OF 19

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE MM
STATE MO
DISTRICT SW
SHEET NO. 59
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

MATCHLINE STA. 10+30.00

MATCHLINE STA. 15+90.00

15

SCALE 0 20 40 60

1ST BAPTIST CHURCH OF BROOKLINE

SEE SHEET 17

NW1/4 NW1/4
35-29N-23W

24

FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E

PAVED APPROACH (8")
STA. 12+31.01 LT
GRADE = 5.62%
36' WIDTH

OBLITERATE

TEMP. CONST. ESM'T

FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E

END COLDMILLING DEPTH TRANSITION
END 2" OVERLAY
STA. 13+34.91 (℄ RTEMM)

BEGIN COLDMILLING DEPTH TRANSITION
STA. 11+34.91 (℄ RTEMM)

STA. 12+31.01 ℄ (RTEMM)=
STA. 12+59.10 ℄ (Carnahan)

RTEMM
℄ ROUTE MM

SECTION LINE

S02°02'22"W

S88°14'35"E

Carnahan
℄ CARNAHAN

8" CONC. MEDIAN

SAWCUT

EOP
C&G
INLET 11T1
INLET 13T1
INLET 15T1
INLET 15T3
INLET 11T2
INLET 13T2
INLET 15T2
INLET 15T4

+00.00
88.58'
+00.00
88.54'
+93.17
35.00'
+69.17
35.00'
+60.00
88.59'
+60.00
98.58'
+74.98
35.00'
+19.26
35.00'
+66.36
35.00'
+26.07
43.06'
+60.00
91.57'

(R)
(D.N.D.)
R 98'

4' F.B.D

SL

EXISTING R/W
EXISTING 10' UTILITY ESM'T
EXISTING 150' ELECTRIC ESM'T
EXISTING 5' ELECTRIC ESM'T
EXISTING 25' DRAINAGE AND UTILITY ESM'T
EXISTING CITY R/W
EXIST. 5.23'
X 41.25'
UTILITY ESM'T

22

OLD C-W VENTURES INC ETAL
HAMMIT-EOFF PROPERTIES LLC ETAL

SEE SHEET 15

NE1/4 NE1/4
34-29N-23W

TENTATIVE R/W

+19.68
30.00'
+01.70
139.57'
+88.31
17.41'
+88.31
14.41'
+26.66
14.41'
+20.37
15.59'
+19.39
30.00'
+61.70
139.57'
+88.31
18.59'
+88.31
15.59'

C&G
SAWCUT

23

HERRMAN REALTY CO

2,130 SF NEW R/W
12.0 ACRES REMAINING

1290
1280
1270
1260
1250

STA. 11+34.91
BEGIN COLDMILLING DEPTH TRANSITION

STA. 12+31.01 (℄ ROUTE_MM_FINAL) =
STA. 12+59.10 (℄ CARNAHAN_CL)
EL 1280.55

STA. 13+34.91
END COLDMILLING DEPTH TRANSITION
END 2" OVERLAY

EXISTING PROFILE

+2.45%

STA 13+66.39
EL 1275.58

STA 14+33.19
EL 1274.47

SPECIAL DITCH RT

STA 15+63.02
EL 1272.50

20' 10'

11+00 12+00 13+00 14+00 15+00

NOTE:
SEE SHEET 23 FOR CARNAHAN PROFILE

UTILITY SHEET
SHEET 13 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

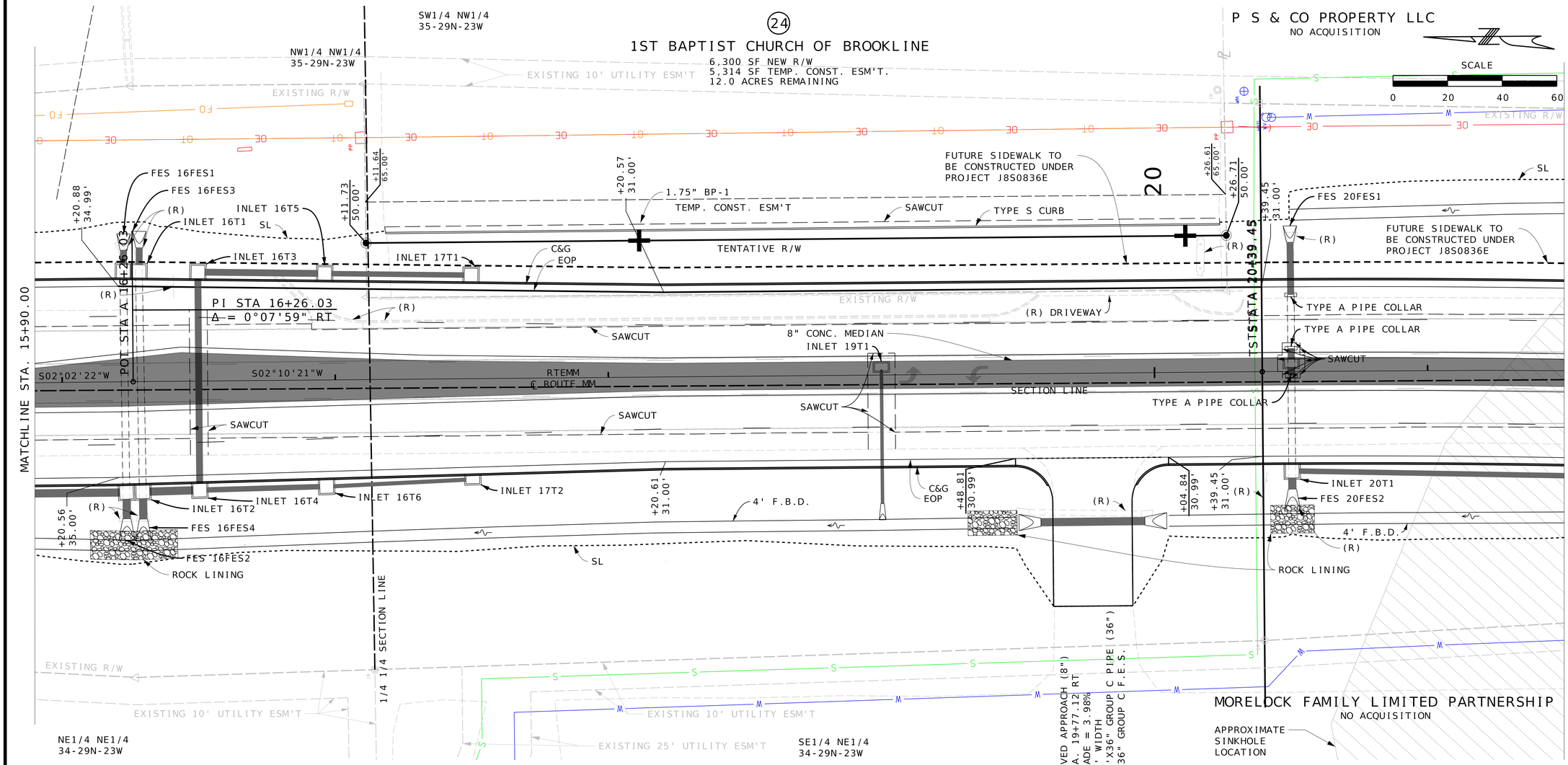
ROUTE MM
STATE MO
DISTRICT SW
SHEET NO. 60
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

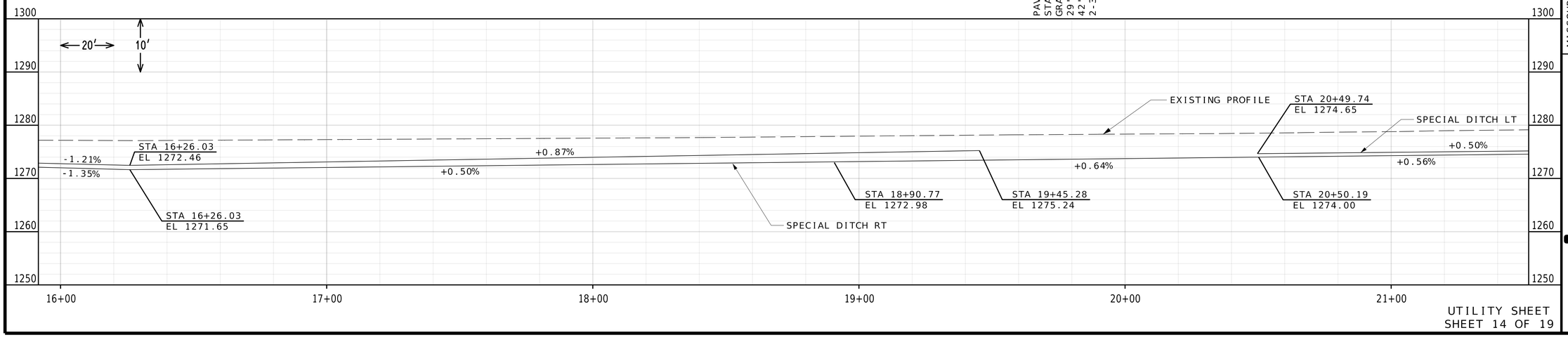
DESCRIPTION
DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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





UTILITY SHEET
SHEET 14 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	61

COUNTY: GREENE
JOB NO.: J8S0836B
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

P S & CO PROPERTY LLC
SEE SHEET17

SW1/4 NW1/4
35-29N-23W

EXISTING 20' UTILITY ESM'T
EXISTING 10' UTILITY ESM'T
EXISTING R/W

SCALE
0 20 40 60

PAVED APPROACH (7")
STA. 22+22.87 LT
GRADE = 4.19%
20' WIDTH
38"X18" GROUP C PIPE (18")
2-18" GROUP C F.E.S.

4' F.B.D.

SL

FUTURE SIDEWALK TO BE CONSTRUCTED UNDER PROJECT J8S0836E

+79.60
32.56'

R 2327.58'

SECTION LINE

C&G

EOP

CS STA A 25+99.49

(R)

SAWCUT

ROCK LINING

R 4329.16'

SC STA A 22+03.49

+02.27
29.83'

+43.53
29.89'

R 4329.16'

8" CONC. MEDIAN

INLET 24T2

RTEMM
℄ ROUTE MM

SAWCUT

SAWCUT

C&G

EOP

INLET 24T1

(R)

(R)

SAWCUT

INLET 22T1

(R)

SL

R 4208.57'

4' F.B.D.

+88.83
29.36'

R 2265.58'

+51.01
23.88'

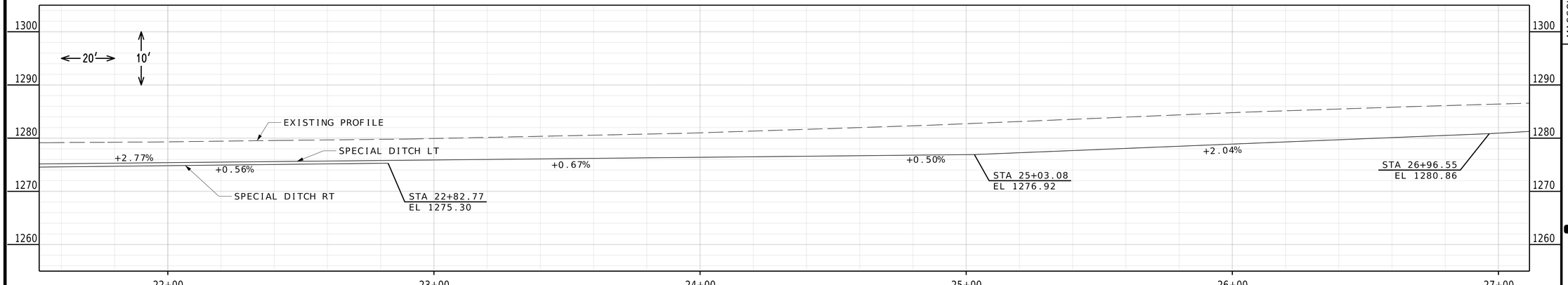
+02.26
31.00'

MORELOCK FAMILY LIMITED PARTNERSHIP
SEE SHEET 17

APPROXIMATE SINKHOLE LOCATION

SE1/4 NE1/4
34-29N-23W

		PI	24+01.98
		SC	22+03.49
		CS	25+99.49
		Δ	9°52'46.2" (RT)
PI	26+54.18	D	2°29'41.4"
Ls	164.04'	L	396.00' (ARC)
Ys	3.91'	T	198.49'
Xs	163.99'	R	2,296.58'
LT	109.37'	TS	20+39.45
ST	54.69'	ST	27+63.53



UTILITY SHEET
SHEET 15 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	62

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

SW1/4 NW1/4
35-29N-23W

EXISTING R/W

FUTURE SIDEWALK TO
BE CONSTRUCTED UNDER
PROJECT J8S0836E

END FULL DETPH PAVEMENT
STA. 29+31.14 LT

ROUTE 360
WB OFF RAMP

+21.14
118.68'

+33.04
118.06'

R 95'

SL

SECTION LINE

+93.13
46.62'

+93.13
43.62'

+03.13
46.70'

+54.80
54.35'

EOP

EXIST. EOS

4' F.B.D.

EOP

C&G

ST STA A 27+63.58

(R)

CP#115

SAWCUT

MATCHLINE STA. 27+10.00

S16°08'40"W

RTEMM
℄ ROUTE MM

END PROJECT
STA 29+33.04

8" CONC. MEDIAN

SAWCUT

(D.N.D.)

(D.N.D.)

(D.N.D.)

EOP

+40.66
34.88'

SL

END FULL DEPTH PAVEMENT
STA. 27+40.66 RT

EXISTING R/W

SE1/4 NE1/4
34-29N-23W

ROUTE 360
WB ON RAMP

30

1/4 SECTION LINE

NW1/4 SW1/4
35-29N-23W

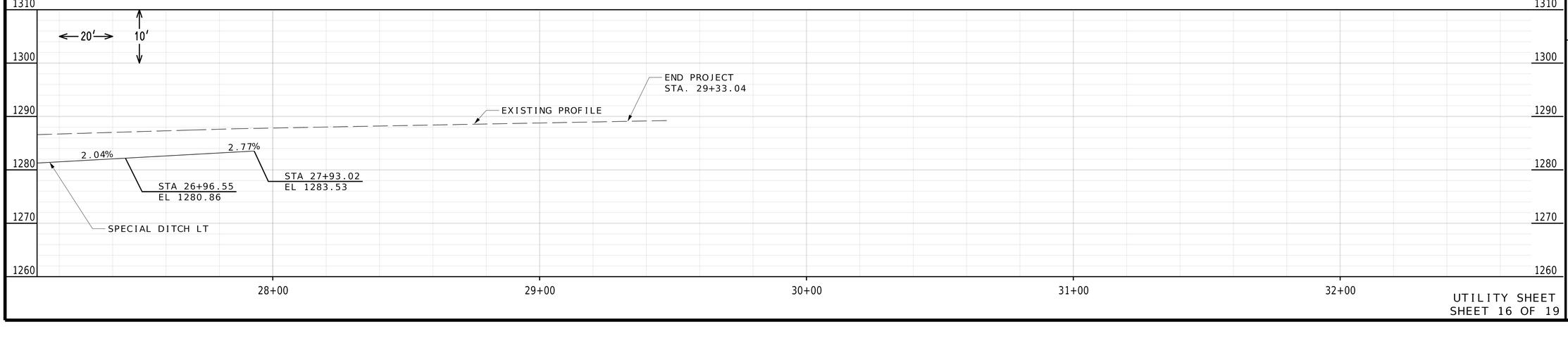
STA. 98+79.28 ℄ ROUTE 360 (JAMES RIVER FREEWAY)=
STA. 32+73.11 ℄ (RTEMM)

END STA A 32+80.83
STA 32+80.83

℄ Feature With Name Feature Name

NE1/4 SE1/4
34-29N-23W

SCALE
0 20 40 60



UTILITY SHEET
SHEET 16 OF 19

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	63

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

09
ASSET HOLDINGS GROUP LLC
SEE SHEET 8

09
ASSET HOLDINGS GROUP LLC
SEE SHEET 8

26
MARBLE, LARRY L
251 SF NEW CITY R/W
1,316 SF TEMP. ESM'T
0.7 ACRES REMAINING

27
AMPROD LLC
1,002 SF TEMP. ESM'T
12.4 ACRES REMAINING

15
MURFIN INC
SEE SHEET 10

TENTATIVE CITY R/W
TEMP. CONST. ESM'T
EXISTING CITY R/W
PAVED APPROACH (7")
STA. 13+68.21 ℄ FR144 LT
17' WIDTH
SAWCUT
1.75" BP-1
CUT OFF POWER POLE
PC STA 11+56.03
PT STA 13+86.73
℄ FR 144
EOP
BEGIN CONSTRUCTION
STA 10+00.00
S88°24'05"E
S73°42'53"E
MATCHLINE STA. 14+30.00
15' DRAINAGE SANITARY SEWER, AND U/E ESM'T
EXISTING UTILITY EASEMENT
TREE STUMP
R 912'
R 888'
R 91.5'
R 108.5'
R 10'
+00.00 32.50'
+00.00 38.50'
+00.00 12.00'
+56.03 38.50'
+56.03 32.50'
+56.03 12.00'
+45.42 38.50'
+77.25 38.50'
+60.43 48.90'
+75.96 53.34'
+86.11 61.24'
+53.52 12.00'
+89.71 12.00'
+86.73 32.50'
+86.73 12.00'
+83.70 32.56'
+83.81 38.09'
+85.94 139.28'

PI 12+72.02
PC 11+56.03
PT 13+86.73
Δ 14°41'12.2" (RT)
D 6°21'58.3"
L 230.70' (ARC)
T 115.98'
R 900.00'

SCALE
0 20 40 60

1300
1290
1280
1270
1260
0+00
1+00
2+00
3+00
4+00
20'
10'
BEGIN CONSTRUCTION
STA. 0+00.00
FR 144 PROPOSED PROFILE
+1.63%
STA 4+13.96
EL 1284.37
SPECIAL DITCH

UTILITY SHEET
SHEET 17 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED 12/10/2024
ROUTE MM | STATE MO
DISTRICT SW | SHEET NO. 64
COUNTY GREENE
JOB NO. J8S0836B
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

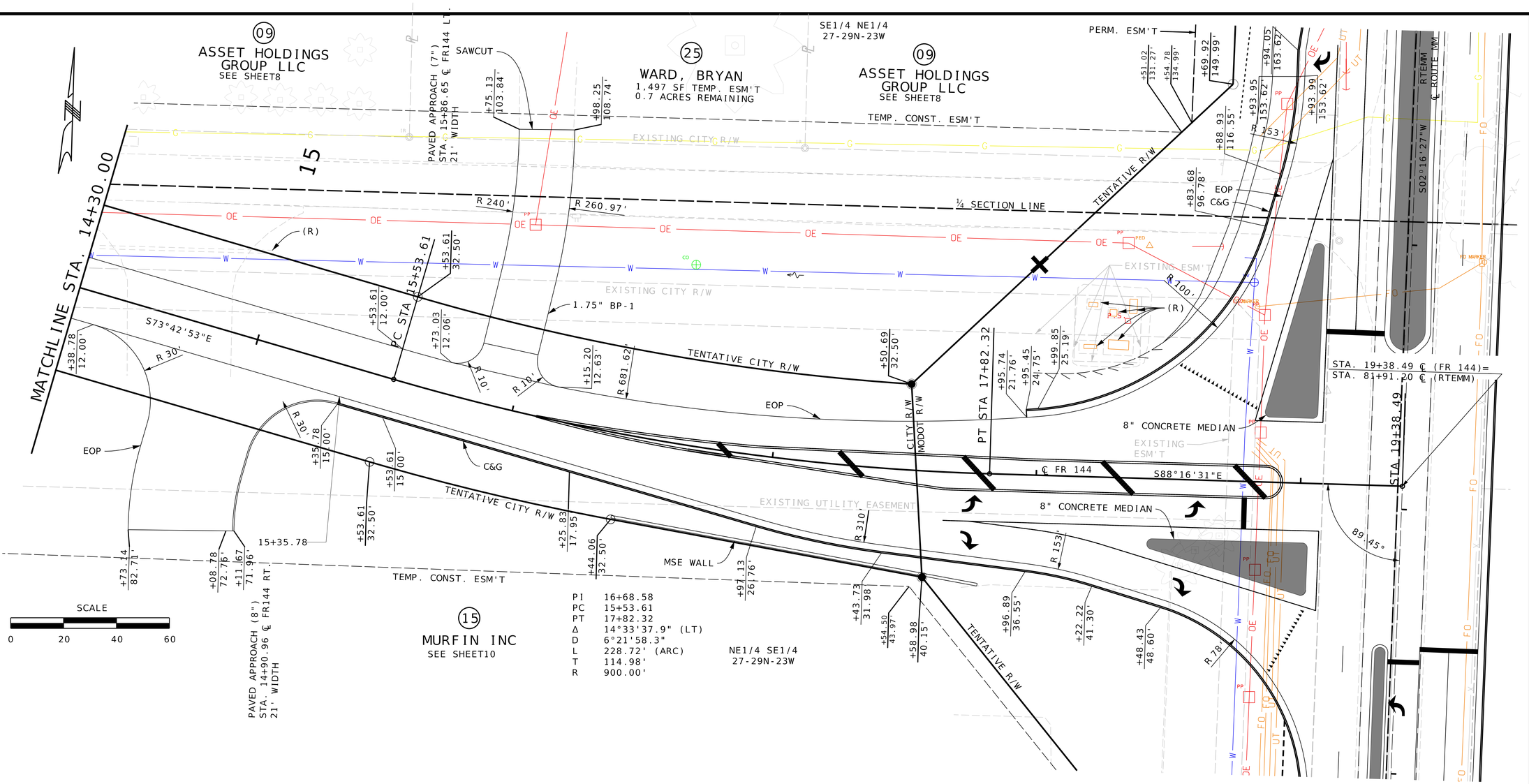
DESCRIPTION | DATE

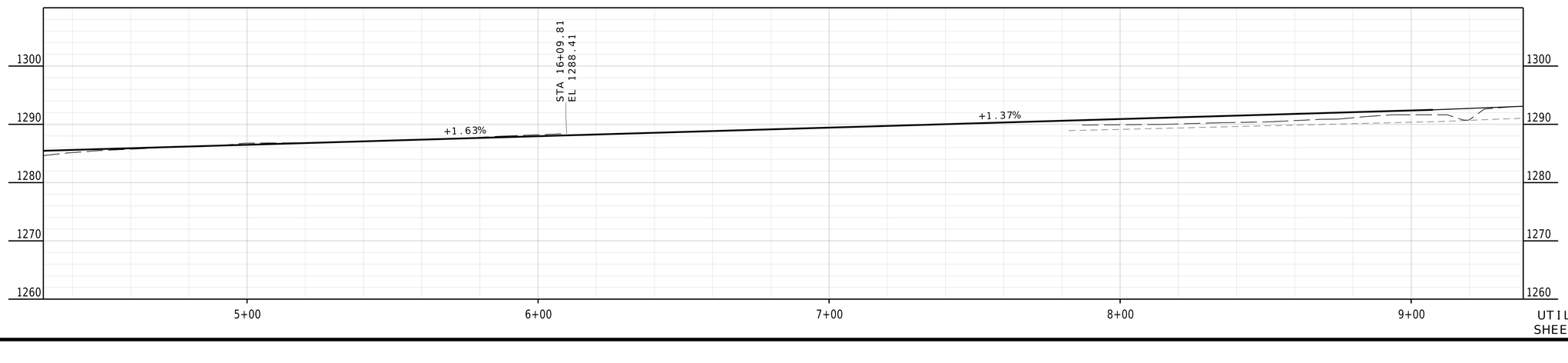
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

olsson
1301 BURLINGTON STREET, STE. 100
NORTH KANSAS CITY, MO 64116
CERTIFICATE OF AUTHORITY NO. 001592

F:\2021\04501-05000\021-04908\40-Design\Microstation\J8S0836B\plan_sheets\18 Utilities\0XX_UT_017_J8S0836B_I20.dgn 4:26:34 PM 12/10/2024





UTILITY SHEET
SHEET 18 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	65

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

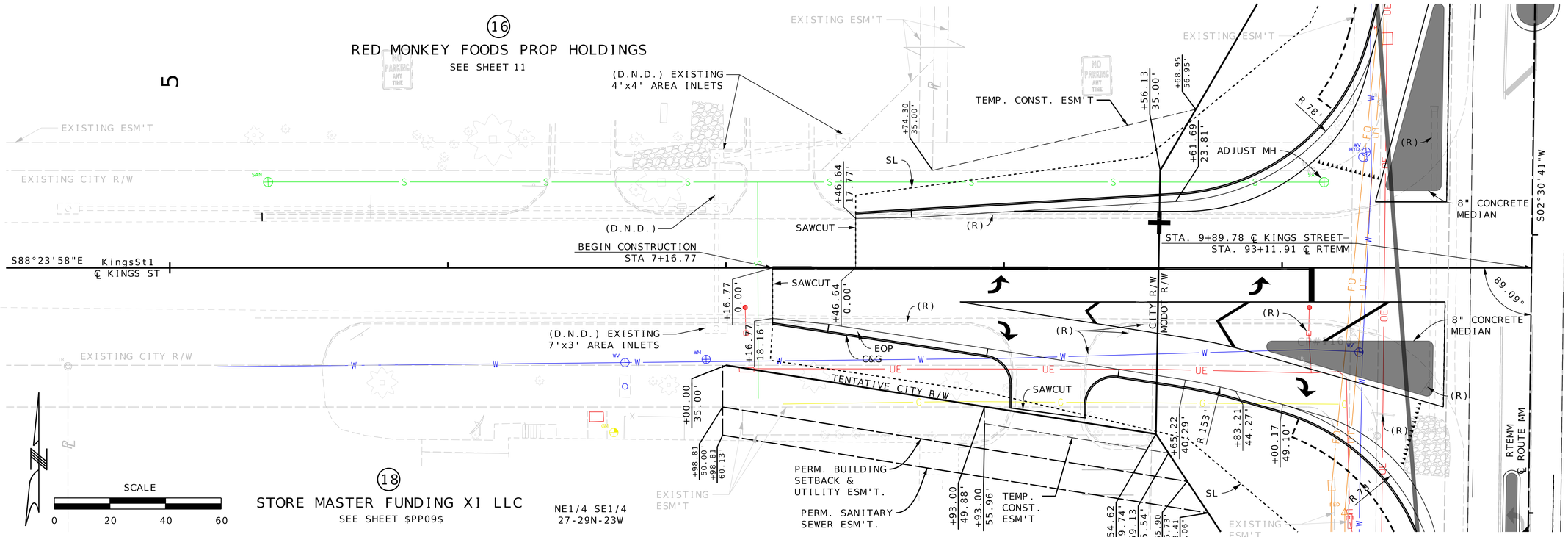
DATE	DESCRIPTION

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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



UTILITY SHEET
SHEET 19 OF 19

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	66

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

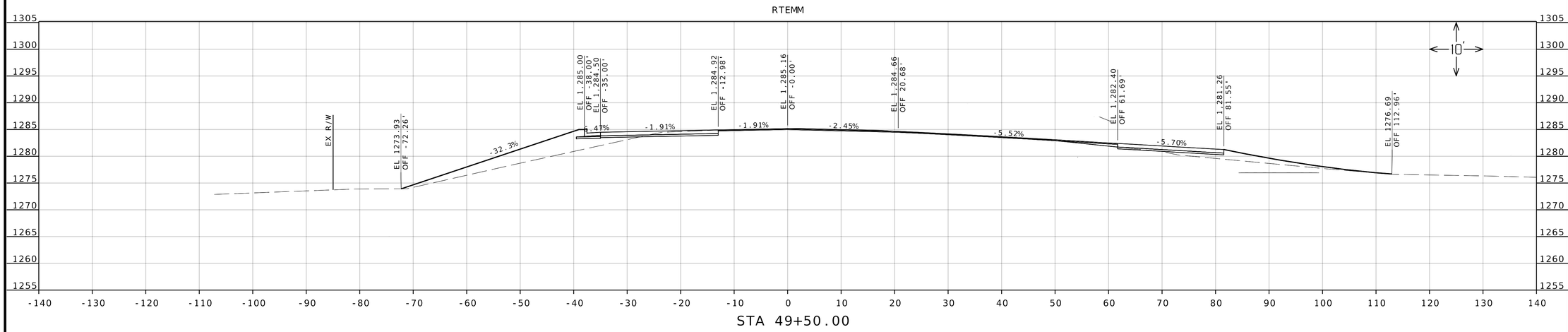
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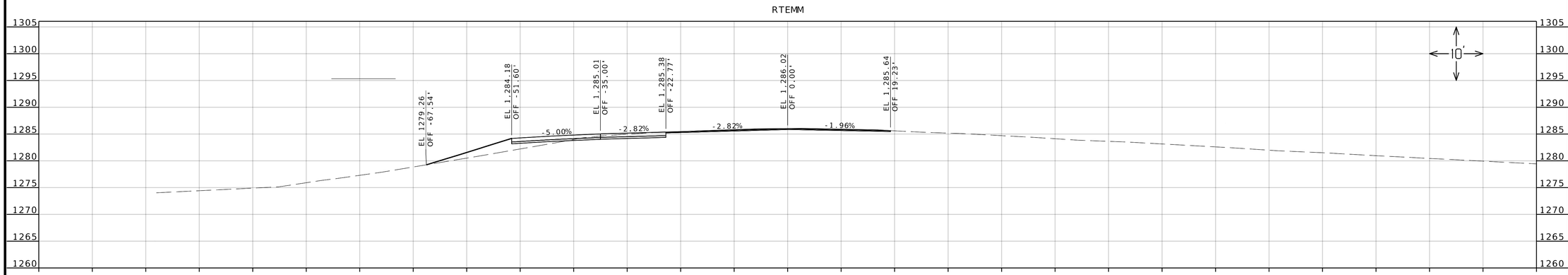
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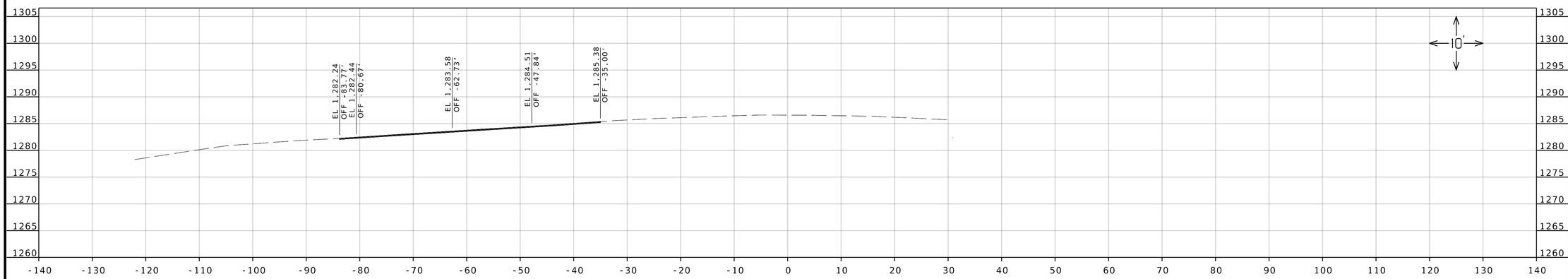
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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







PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	1

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

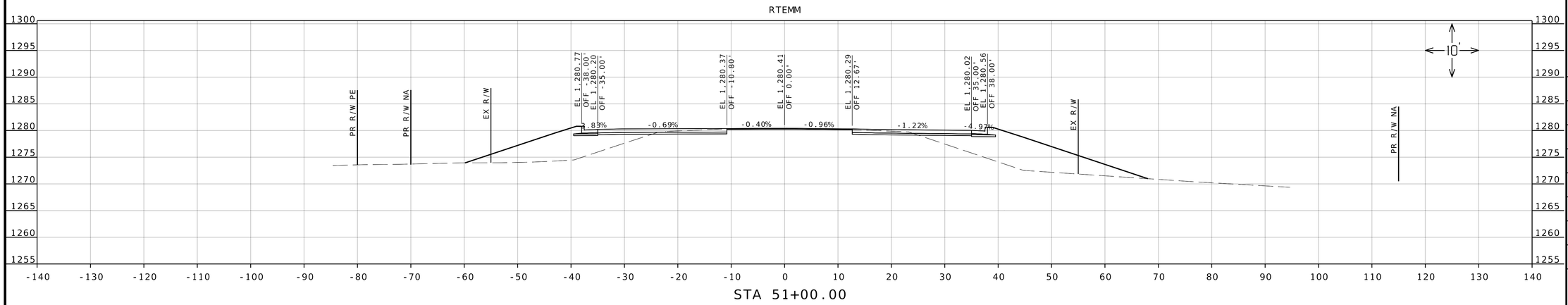
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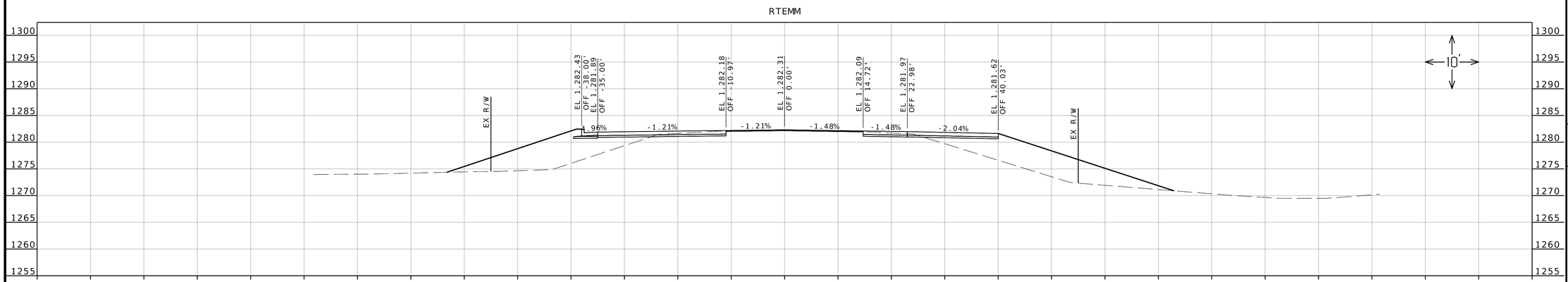
DESCRIPTION	DATE

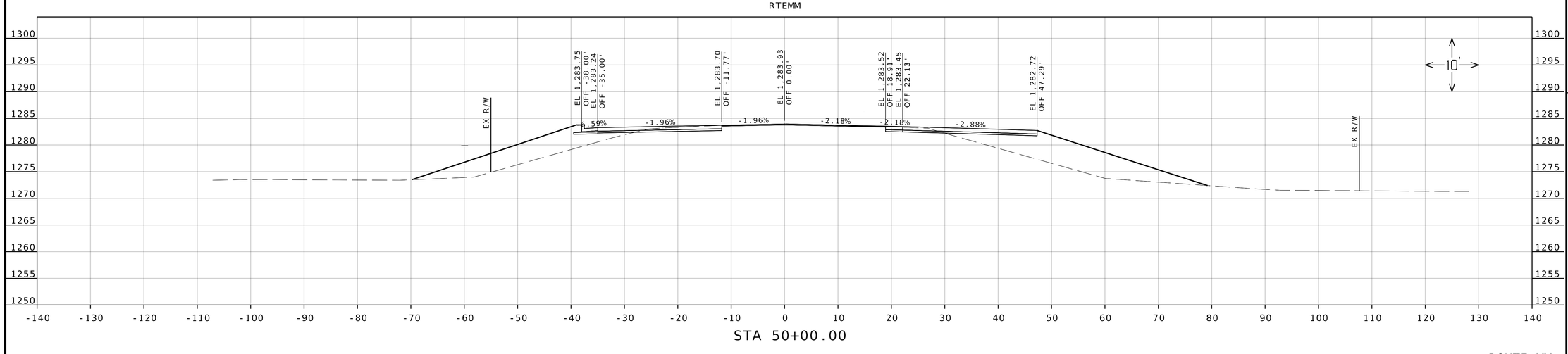
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592







ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

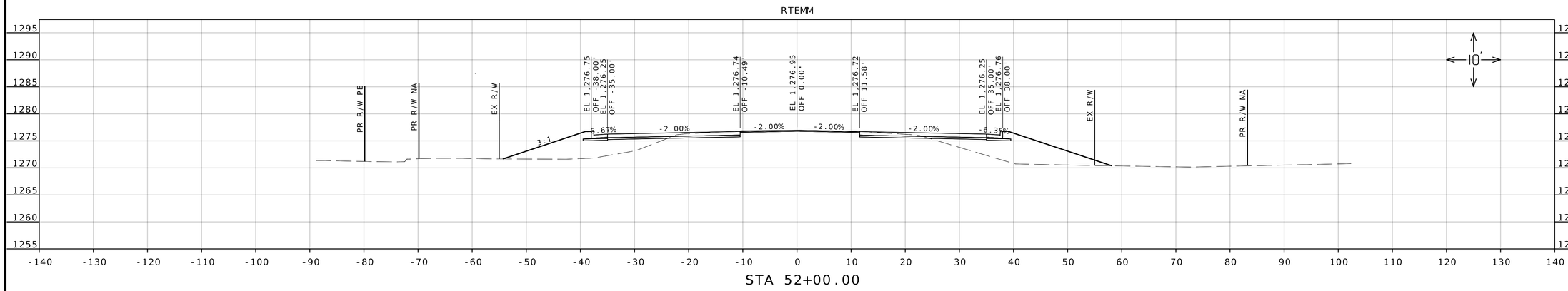
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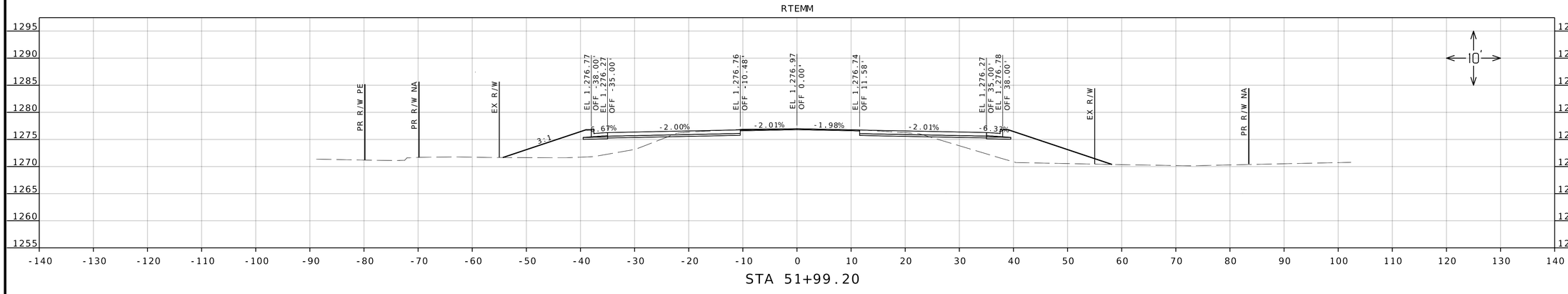
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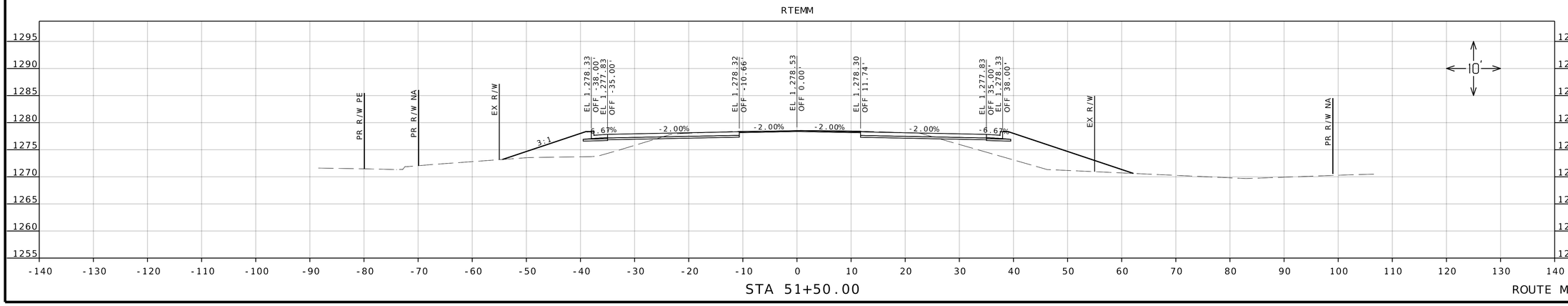
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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







PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	3

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

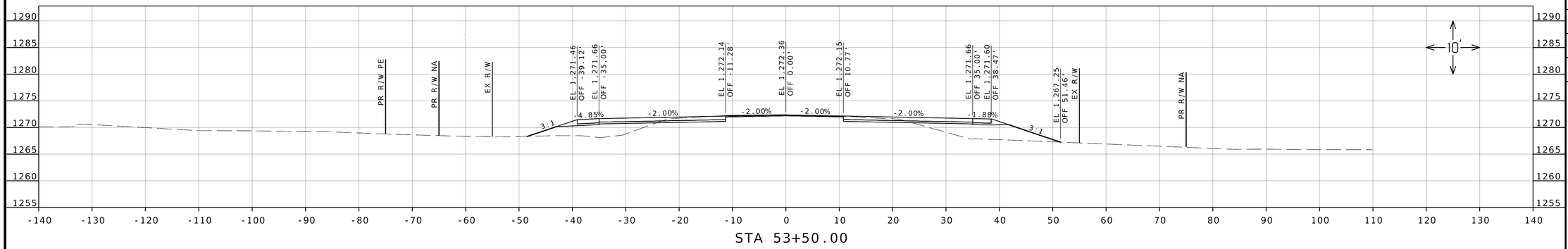
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

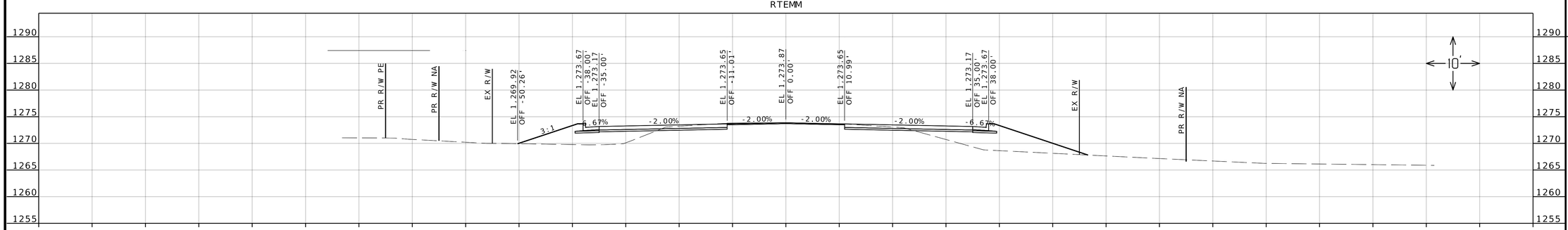
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

RTEMM



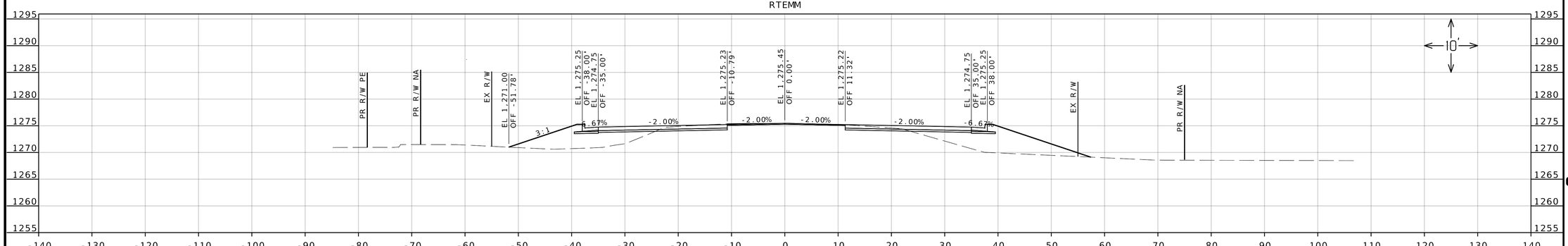
STA 53+50.00

RTEMM



STA 53+00.00

RTEMM



STA 52+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

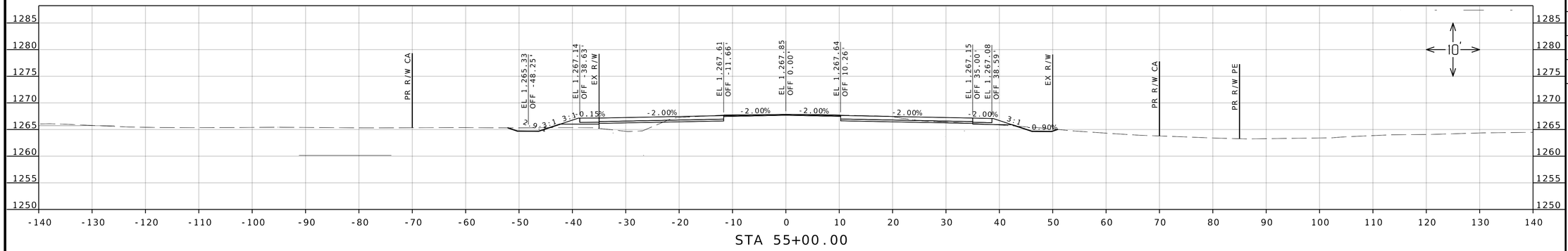
DESCRIPTION	DATE

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

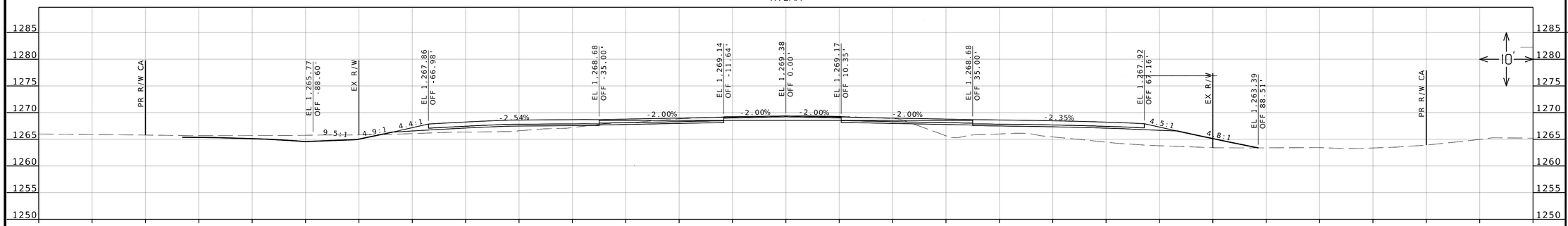
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

RTEMM



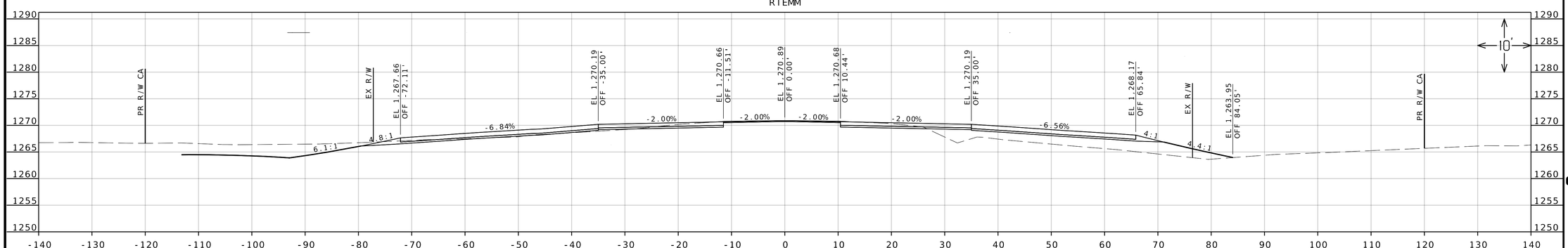
STA 55+00.00

RTEMM



STA 54+50.00

RTEMM



STA 54+00.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	5

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

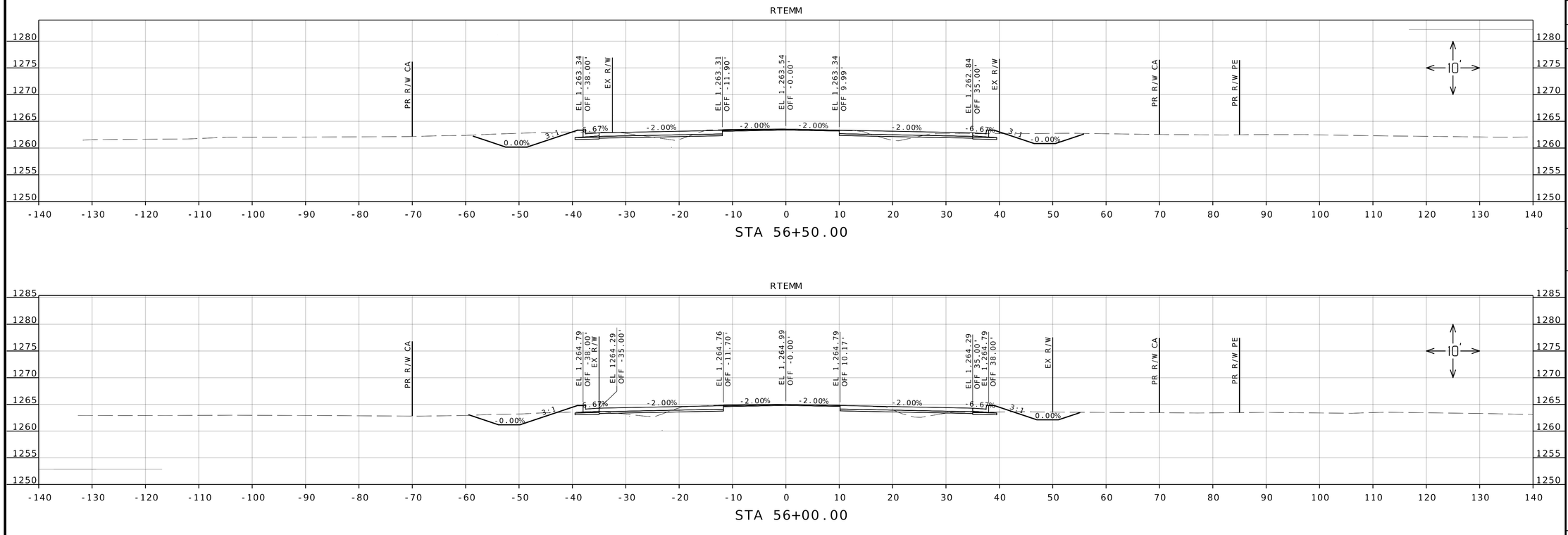
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

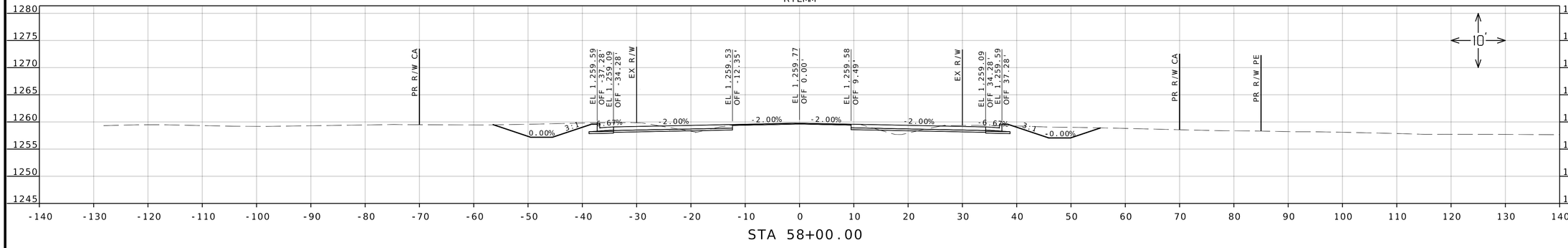
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

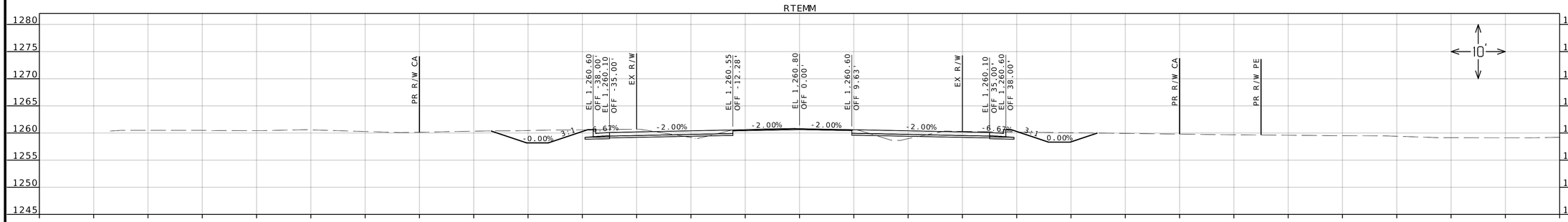
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

RTEMM



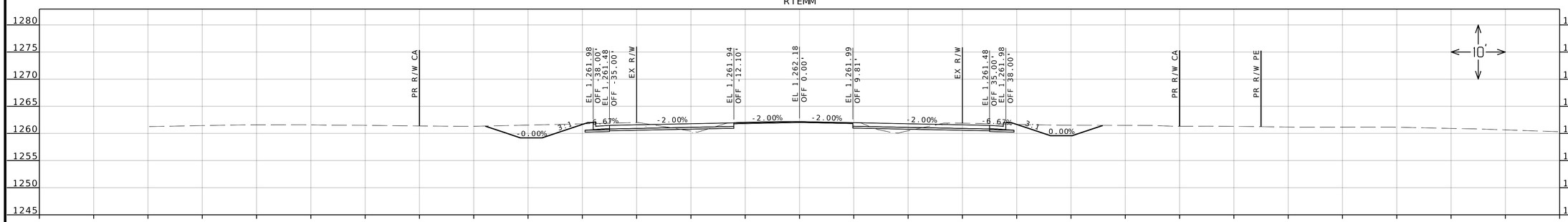
STA 58+00.00

RTEMM



STA 57+50.00

RTEMM



STA 57+00.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

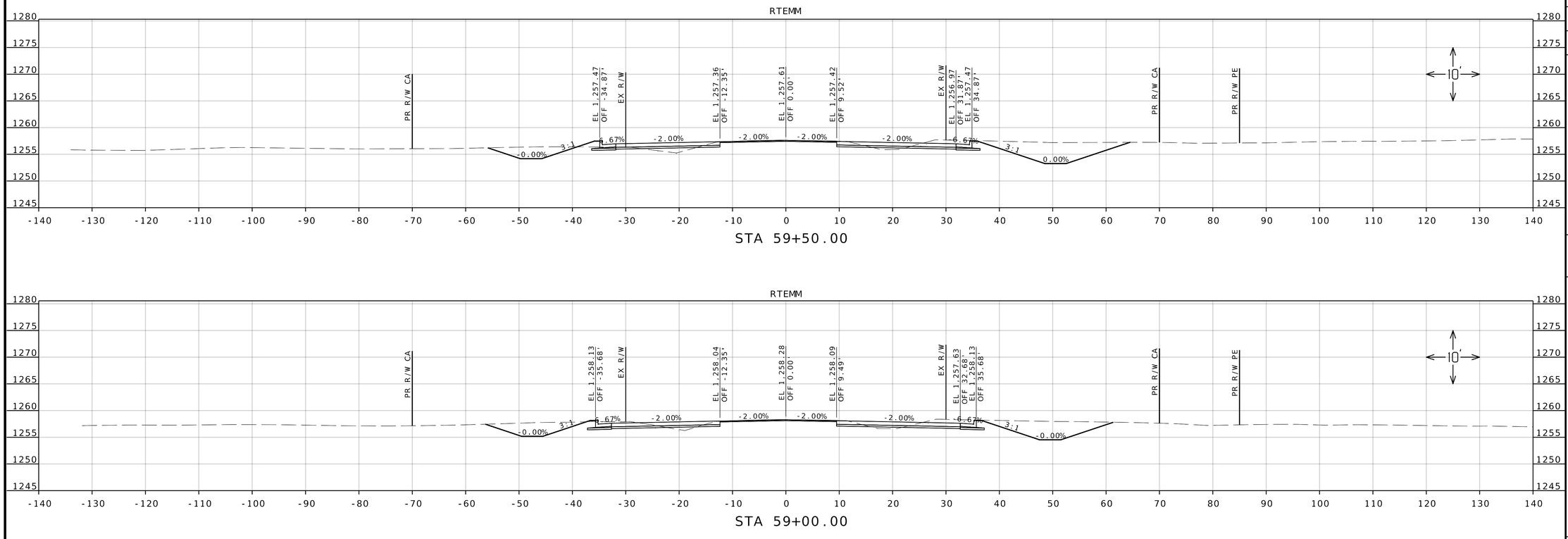
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

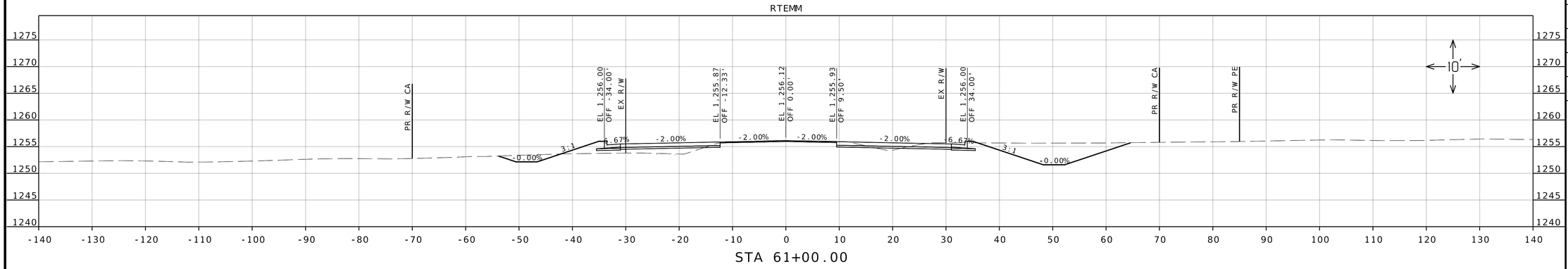
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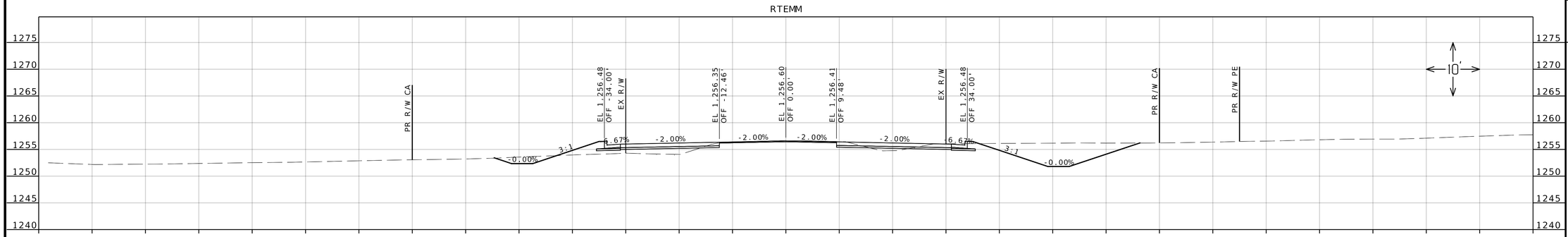
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

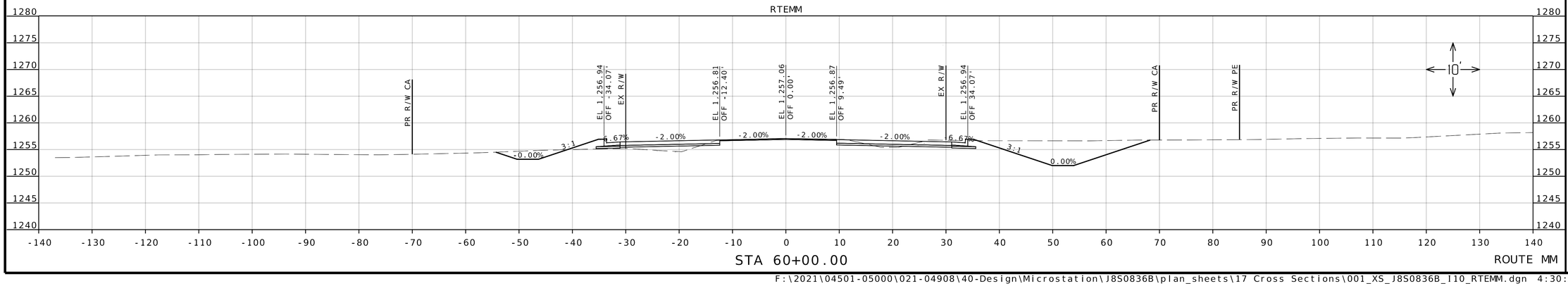
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	9

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

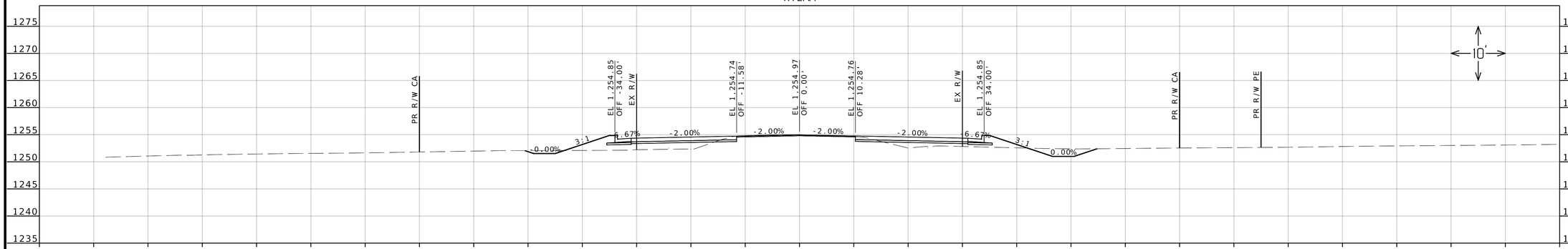
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

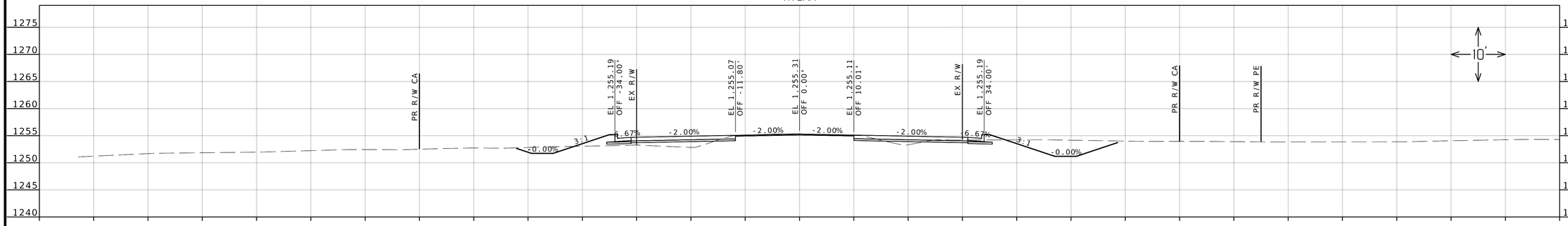
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

RTEMM



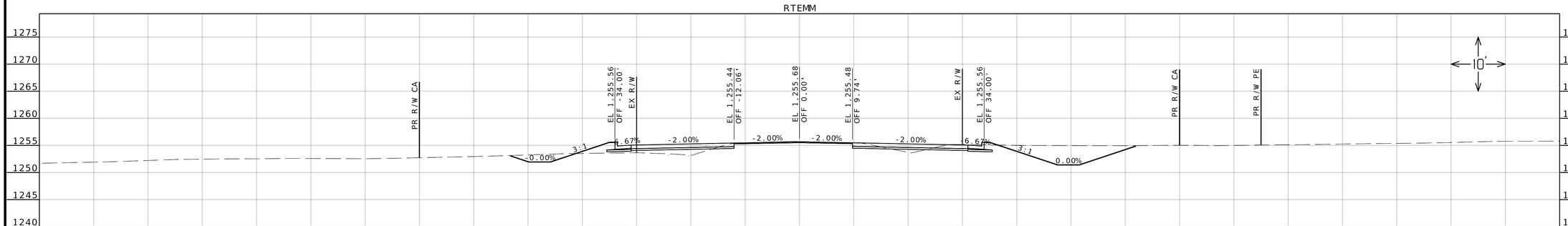
STA 62+50.00

RTEMM



STA 62+00.00

RTEMM



STA 61+50.00

ROUTE MM

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	10

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

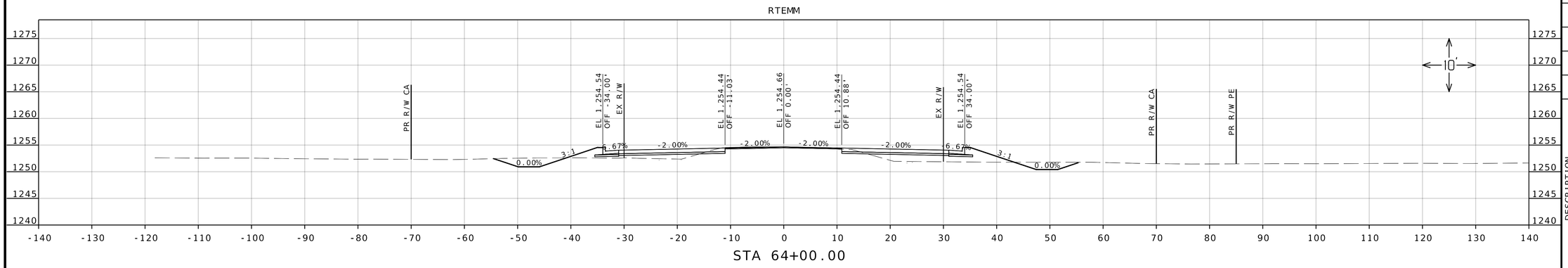
DESCRIPTION	DATE

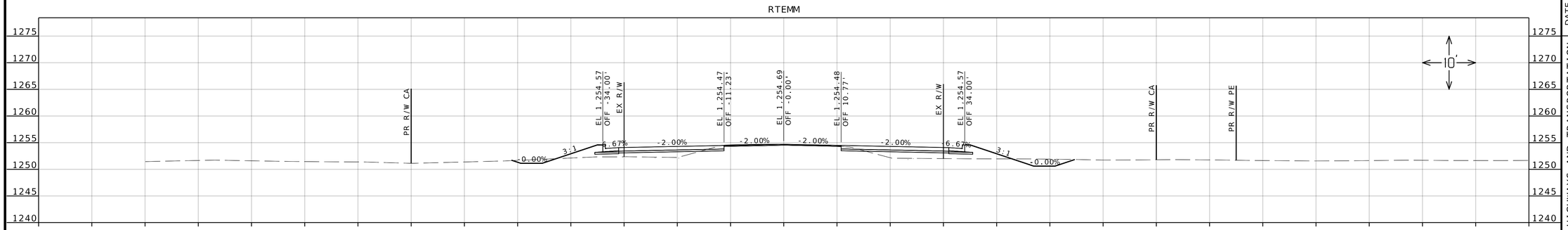
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

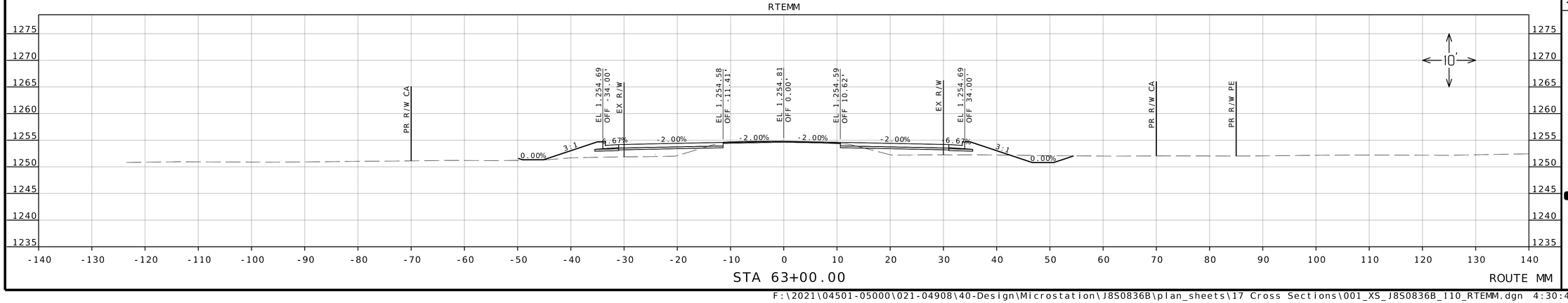
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

F:\2021\04501-05000\021-04908\40-Design\Microstation\J8S0836B\plan_sheets\17 Cross Sections\001_XS_J8S0836B_I10_RTEMM.dgn 4:30:39 PM 12/10/2024







PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

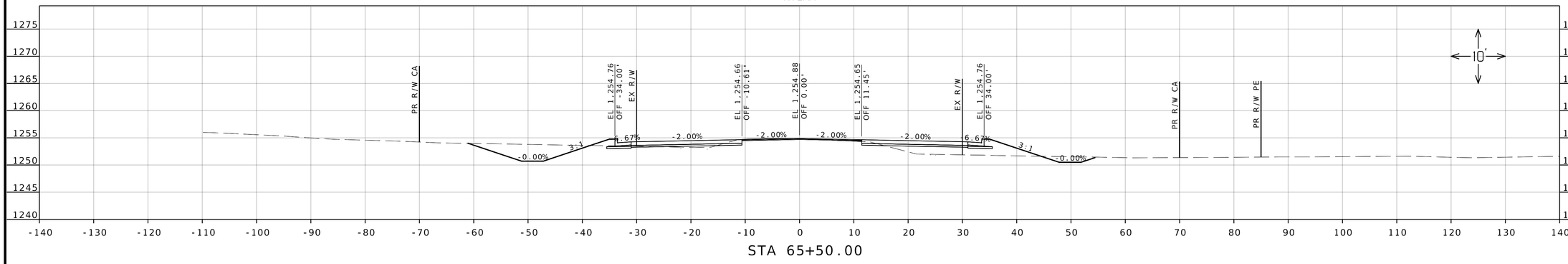
DESCRIPTION	DATE

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

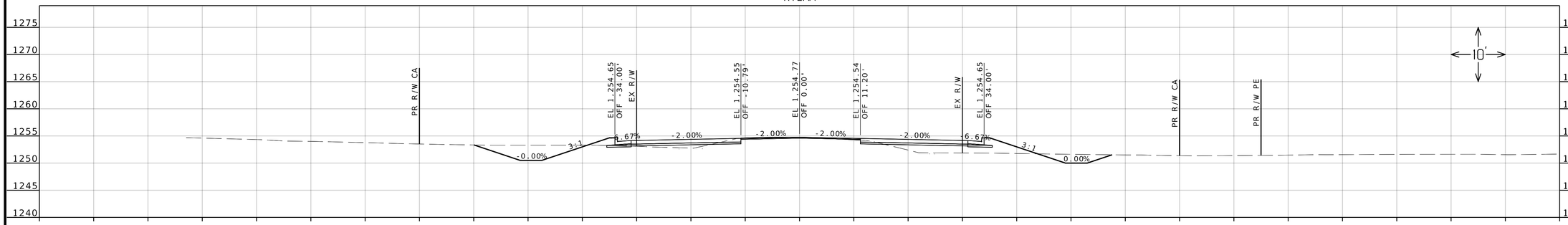
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

RTEMM



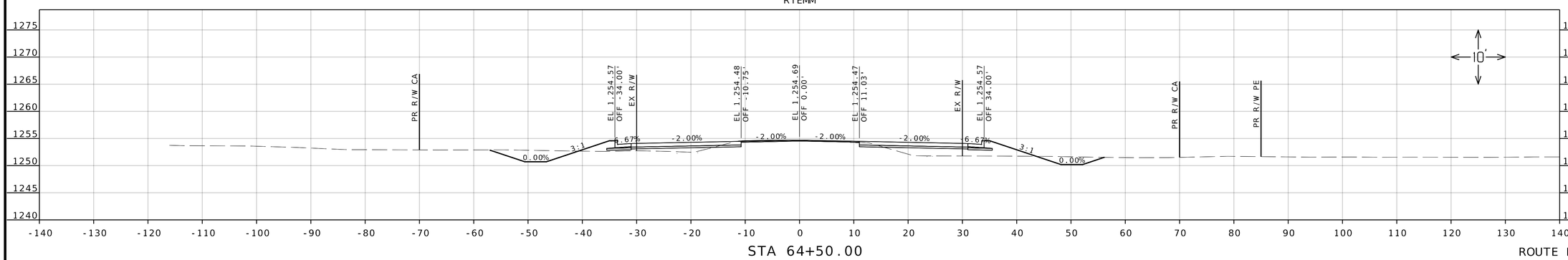
STA 65+50.00

RTEMM



STA 65+00.00

RTEMM



STA 64+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	12

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

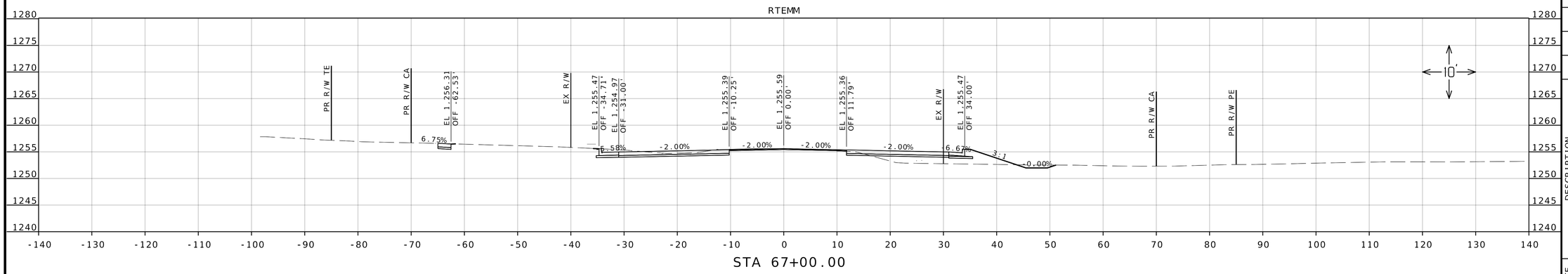
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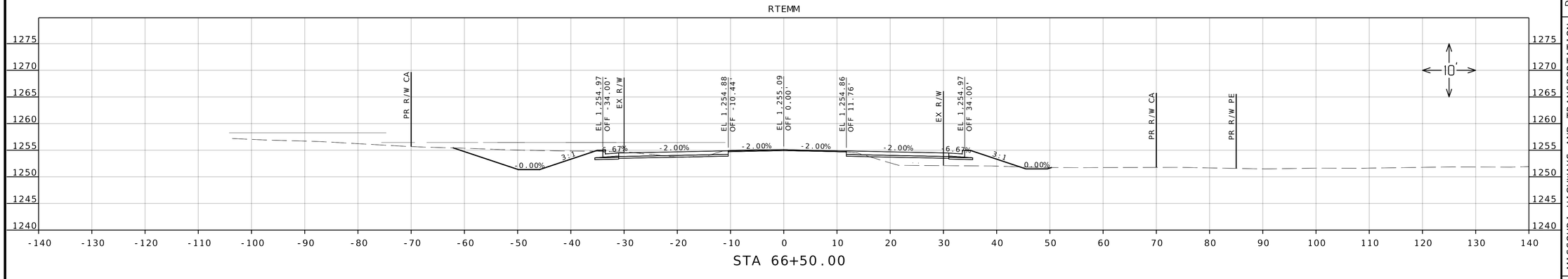
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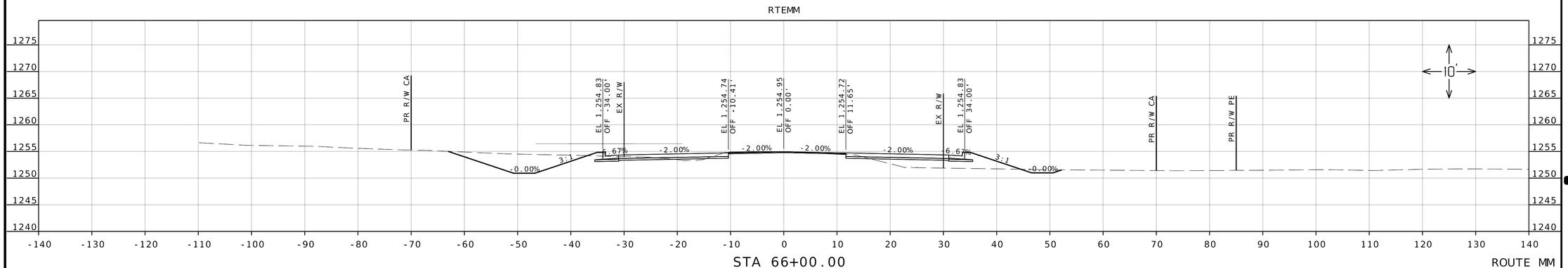
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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







PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

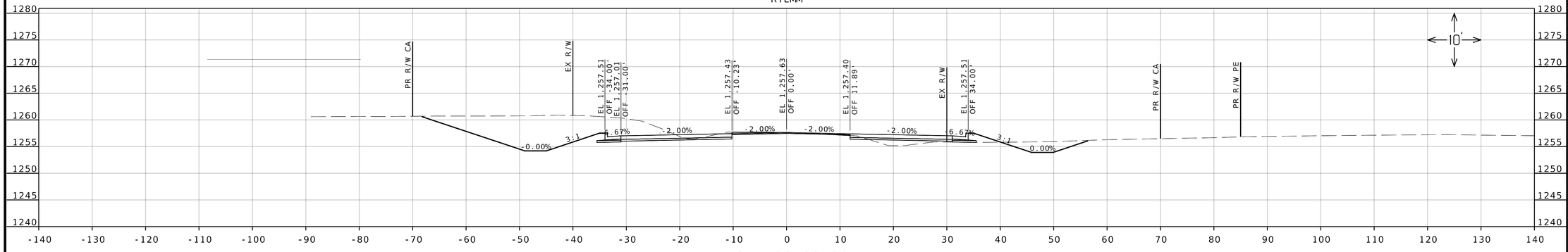
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

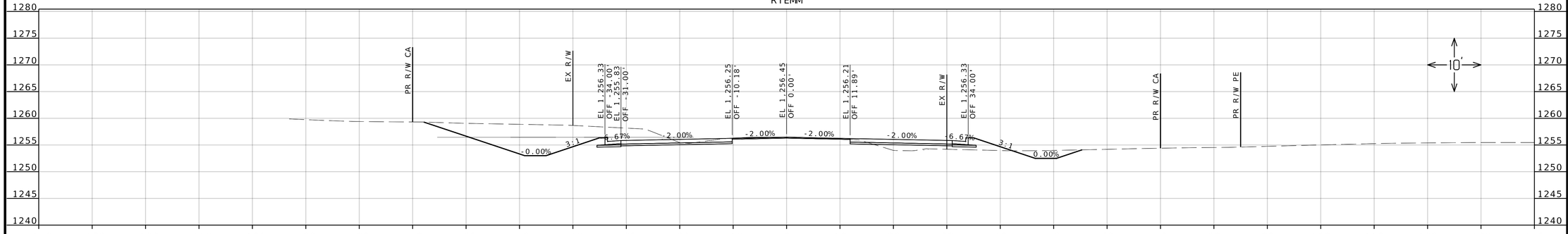
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RTEMM



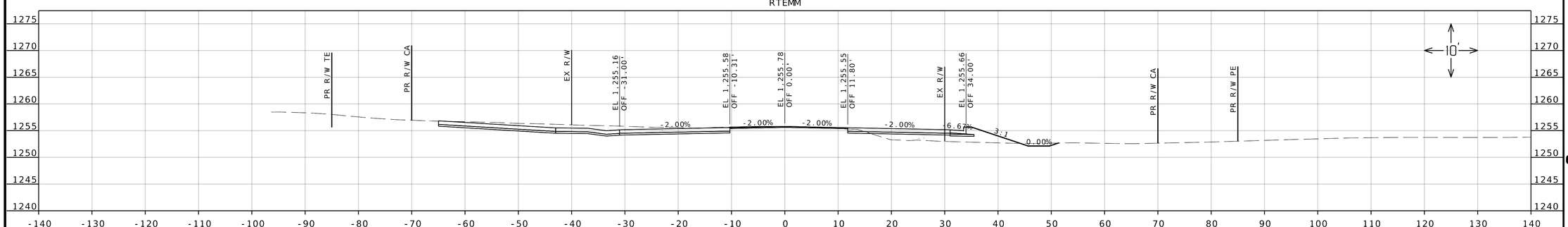
STA 68+00.00

RTEMM



STA 67+50.00

RTEMM



STA 67+14.64

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

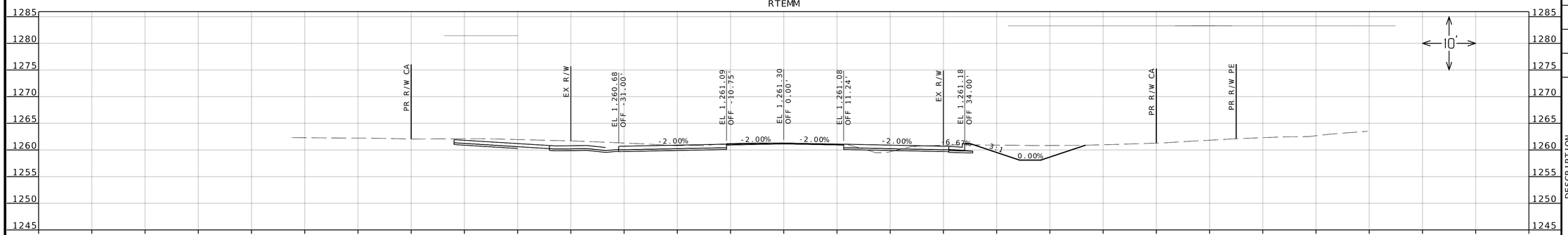
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

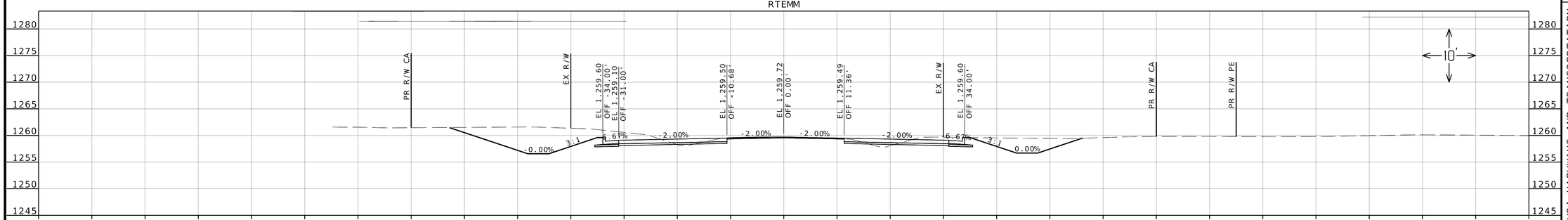
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

RTEMM



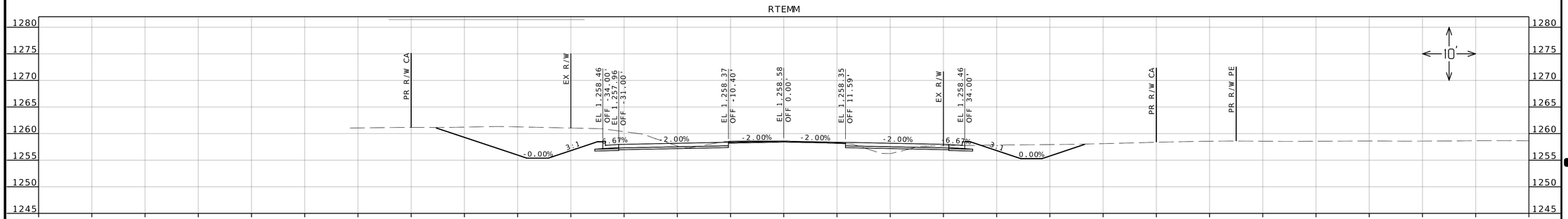
STA 69+50.00

RTEMM



STA 69+00.00

RTEMM



STA 68+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	15

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

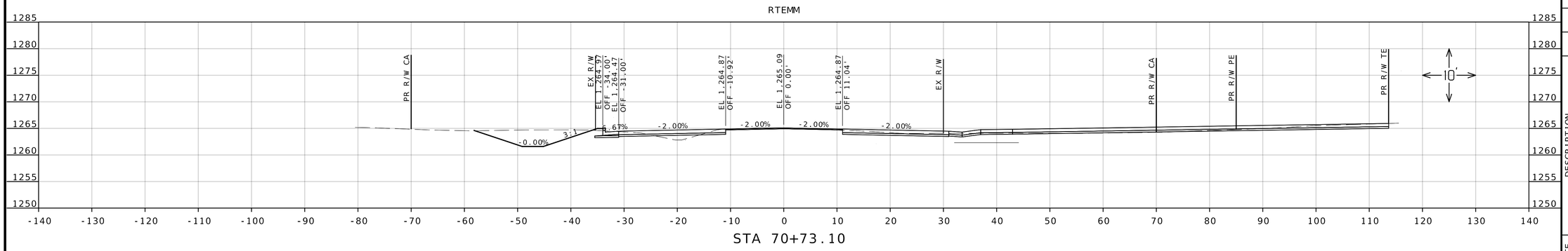
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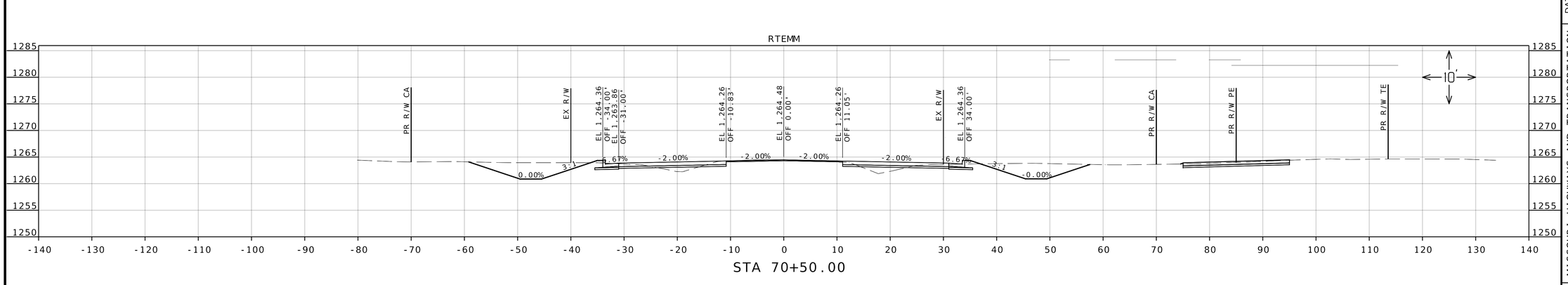
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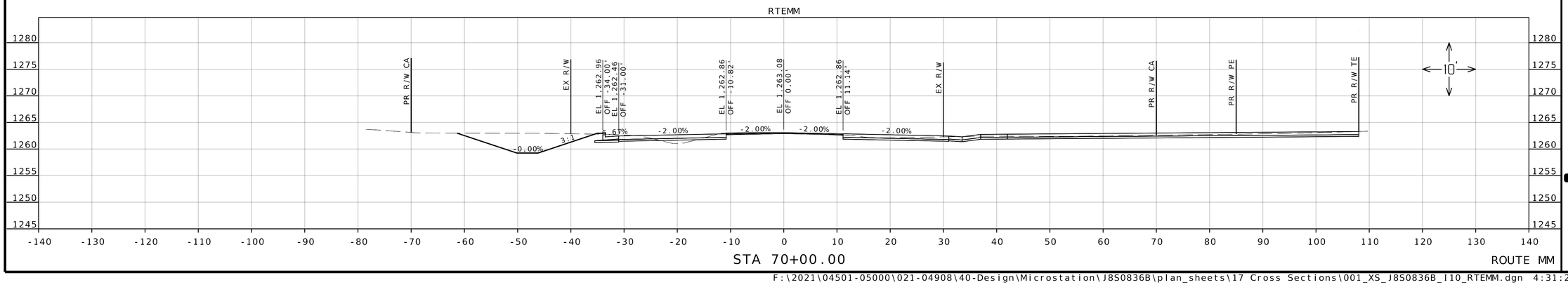
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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







ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

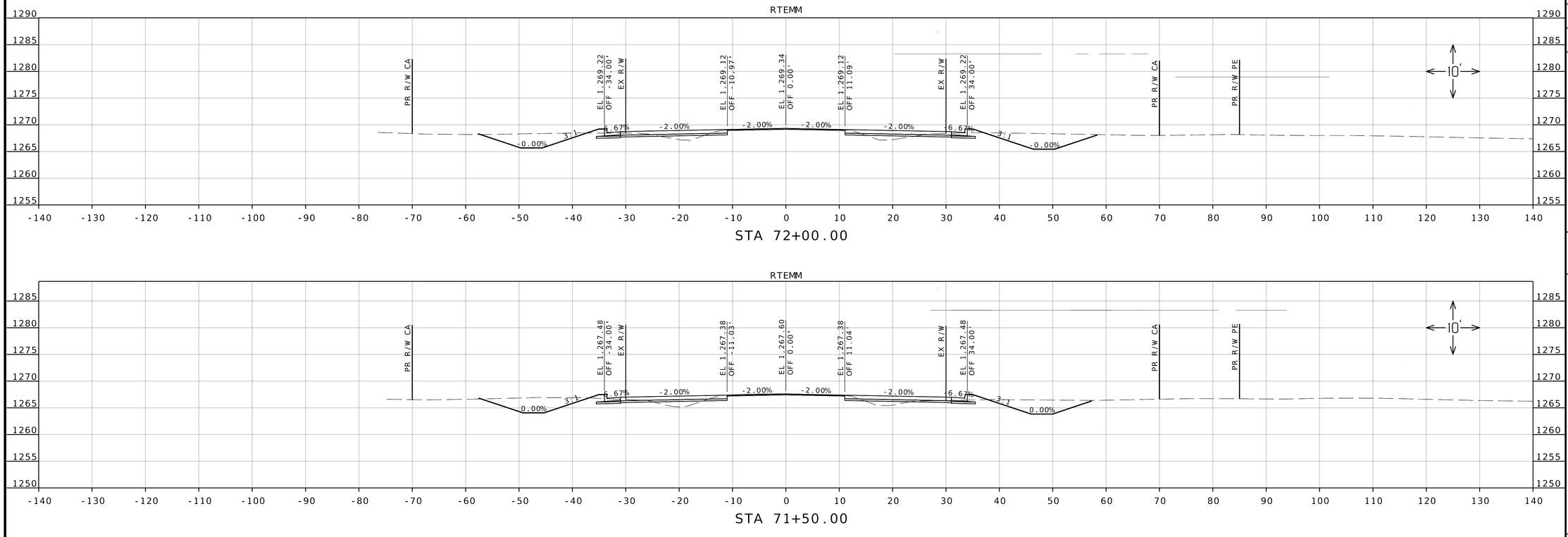
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO

DISTRICT	SHEET NO.
SW	17

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

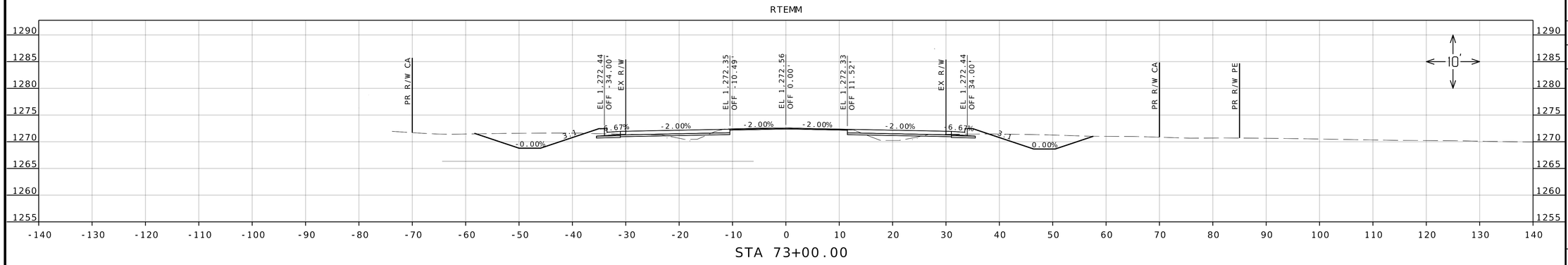
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

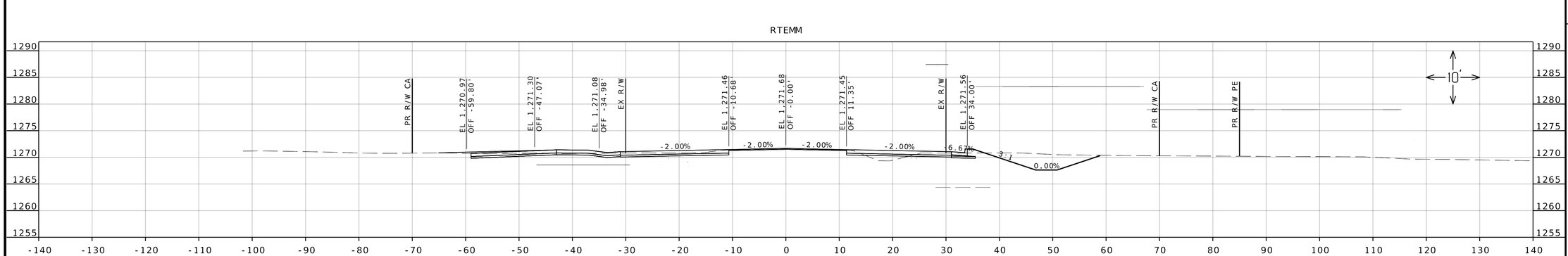
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

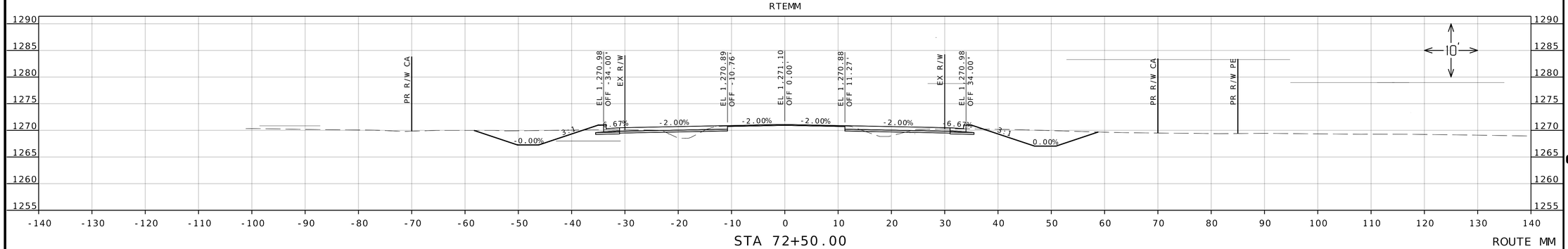
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STA 73+00.00



STA 72+68.45



STA 72+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	18

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

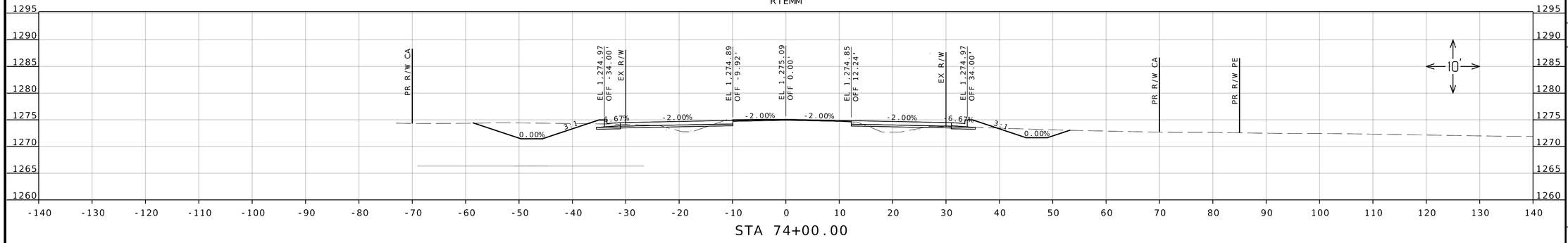
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

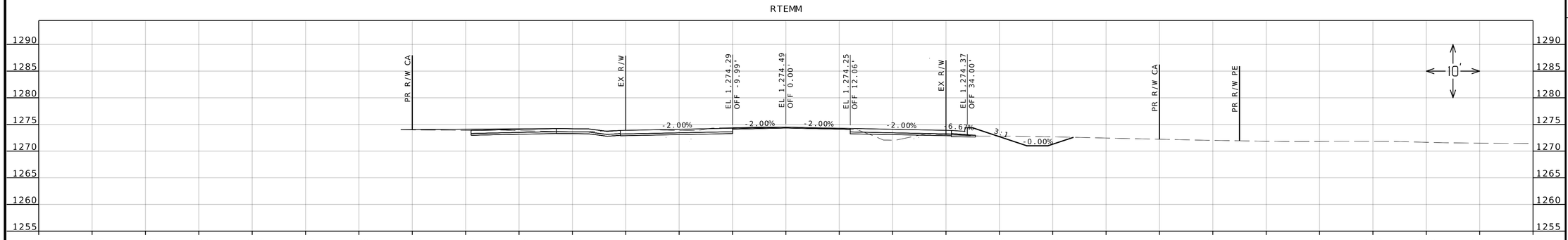
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RTEMM



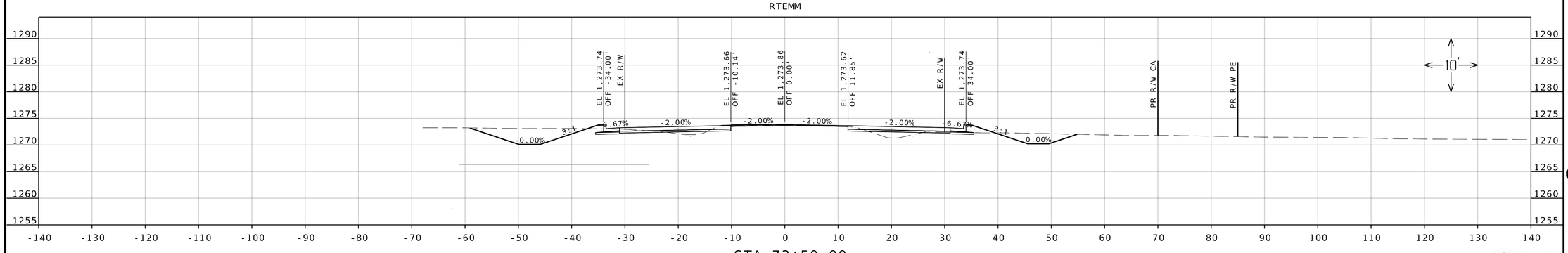
STA 74+00.00

RTEMM



STA 73+74.95

RTEMM



STA 73+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	19

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

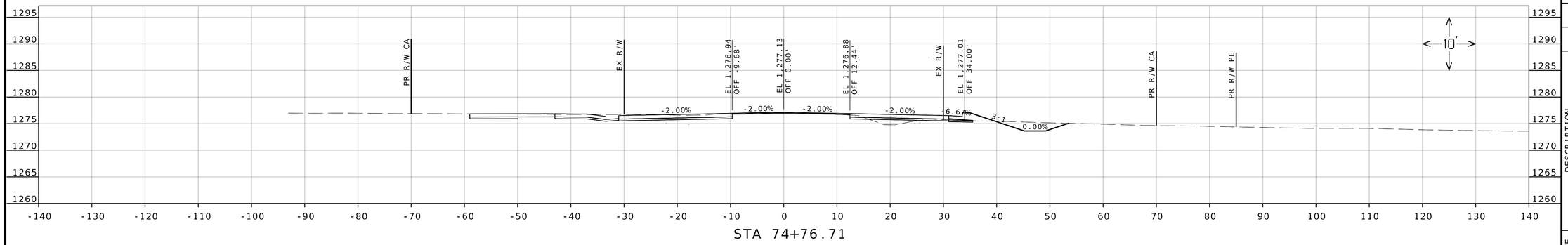
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

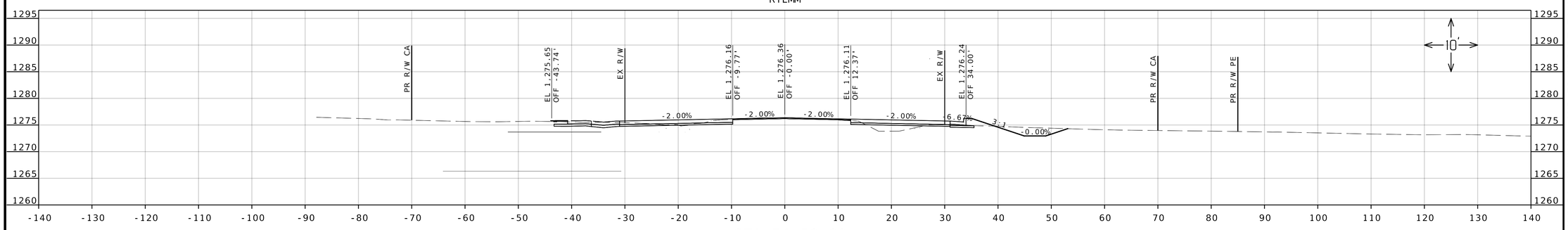
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RTEMM



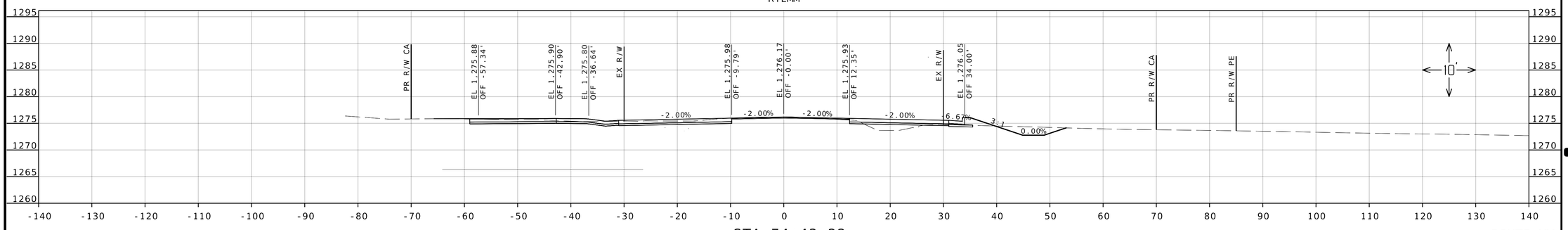
STA 74+76.71

RTEMM



STA 74+50.00

RTEMM



STA 74+43.22

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	20

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

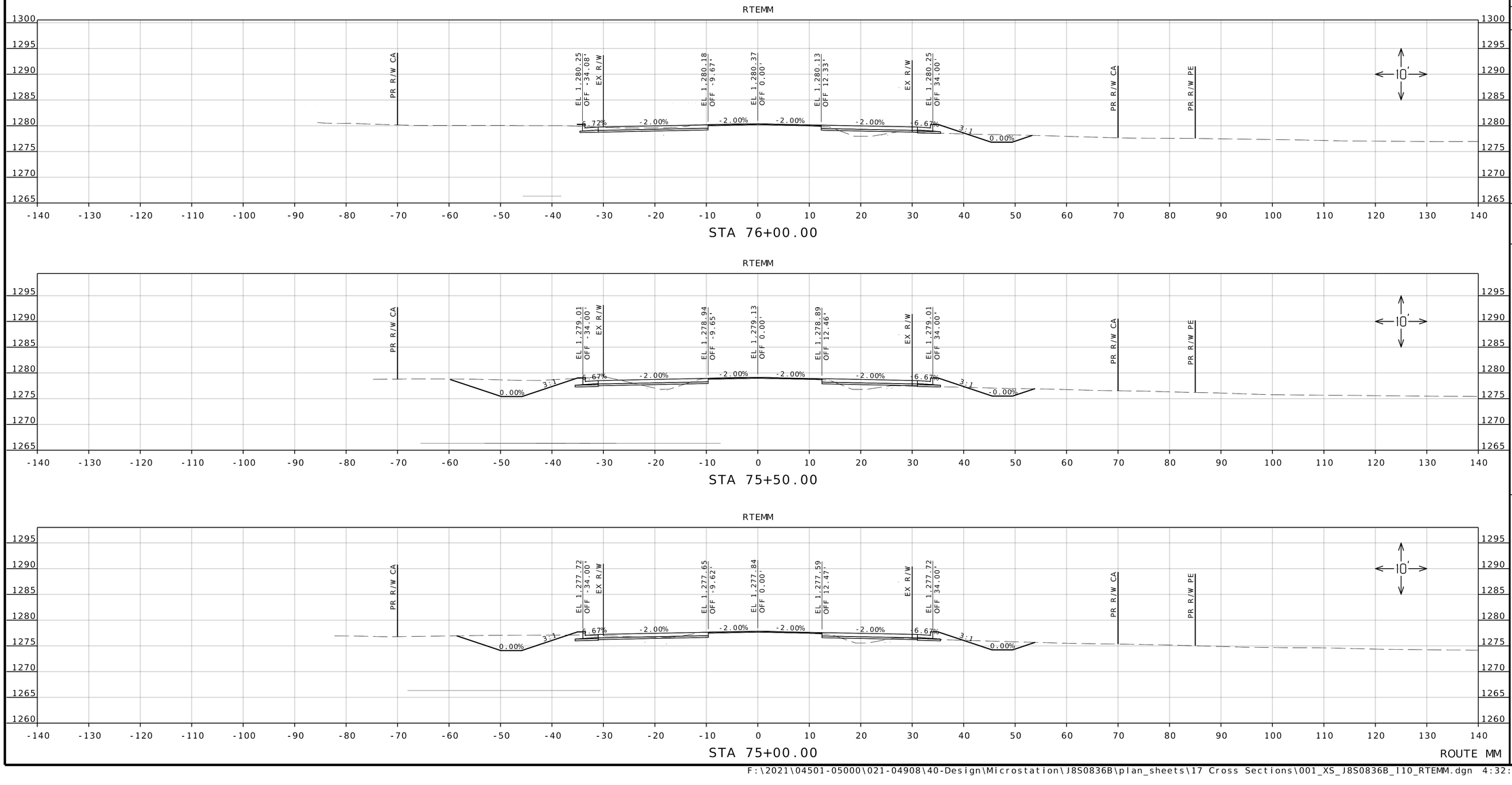
DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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



PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	21

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

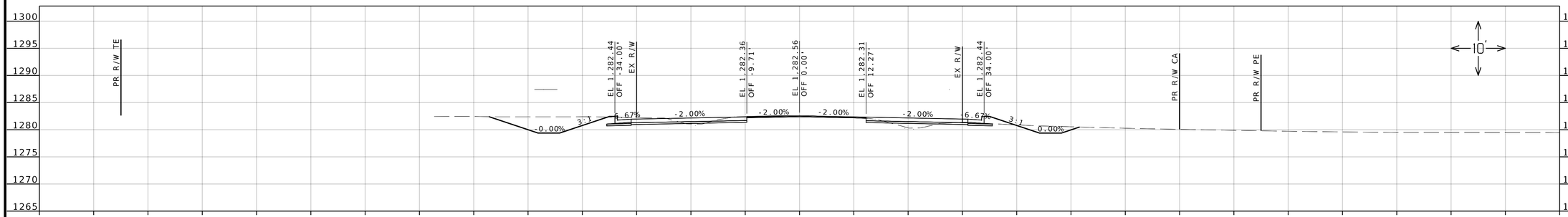
DESCRIPTION	DATE

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

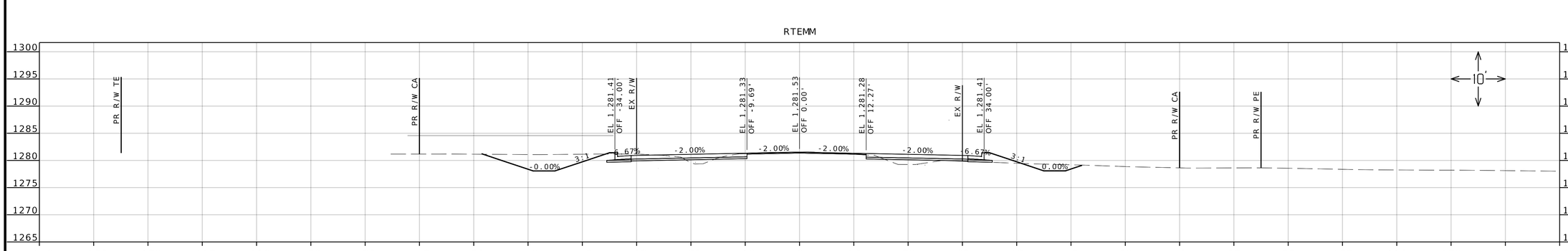
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

RTEMM



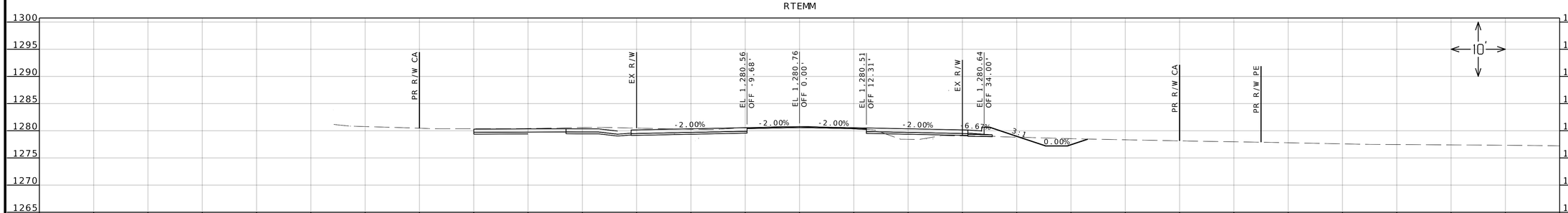
STA 77+00.00

RTEMM



STA 76+50.00

RTEMM



STA 76+15.53

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	22

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

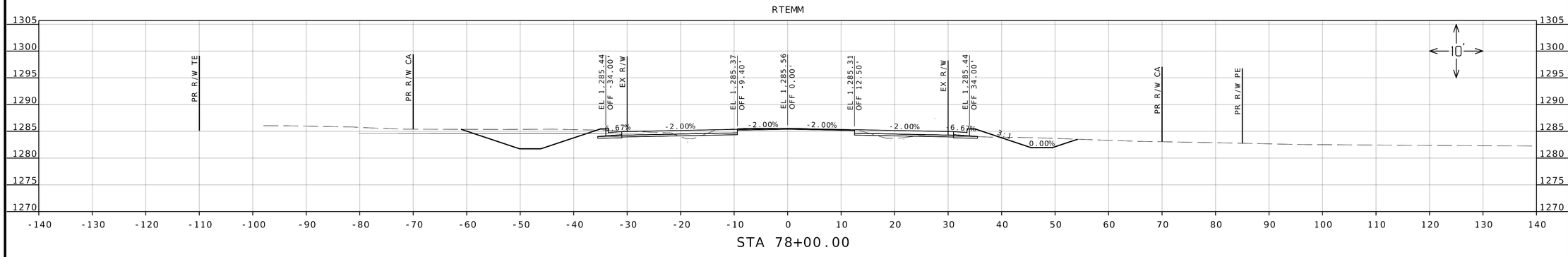
DESCRIPTION	DATE

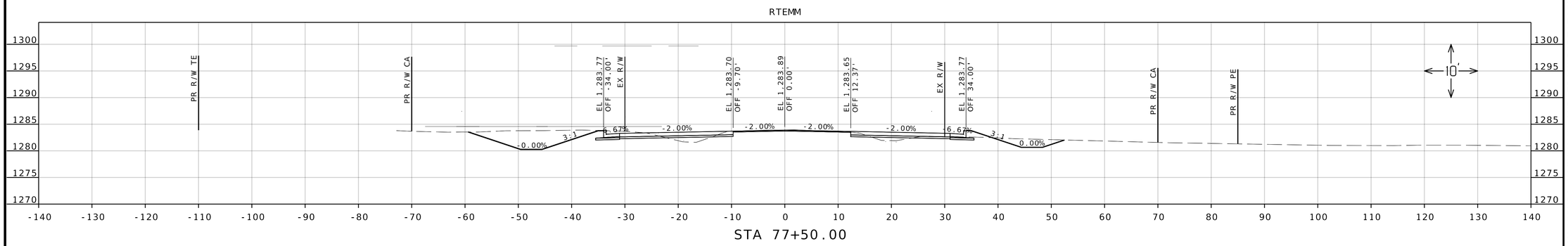
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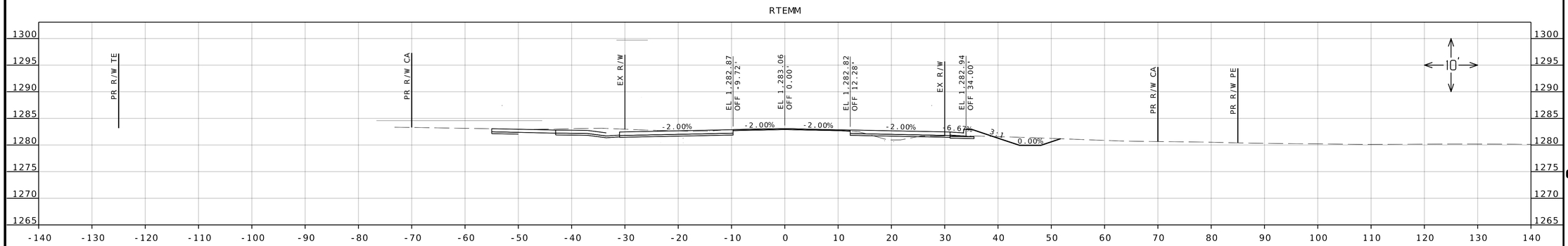
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	23

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

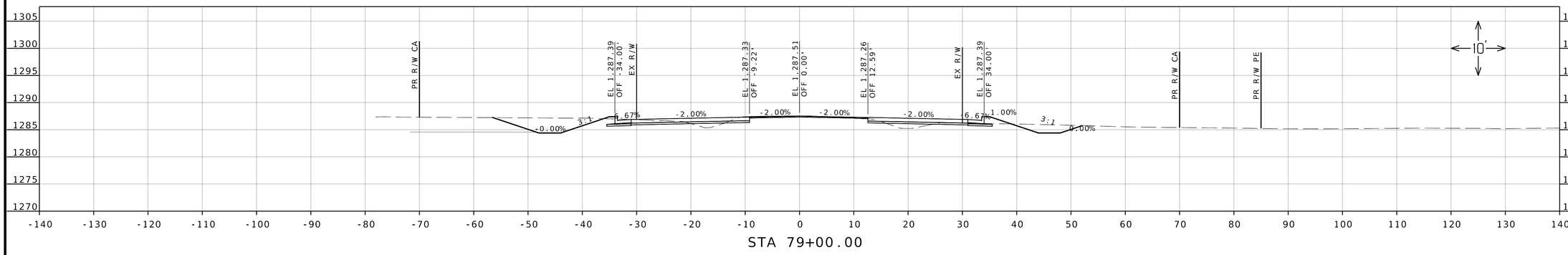
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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olsson
550 ST. LOUIS STREET
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AUTHORITY NO. 001592

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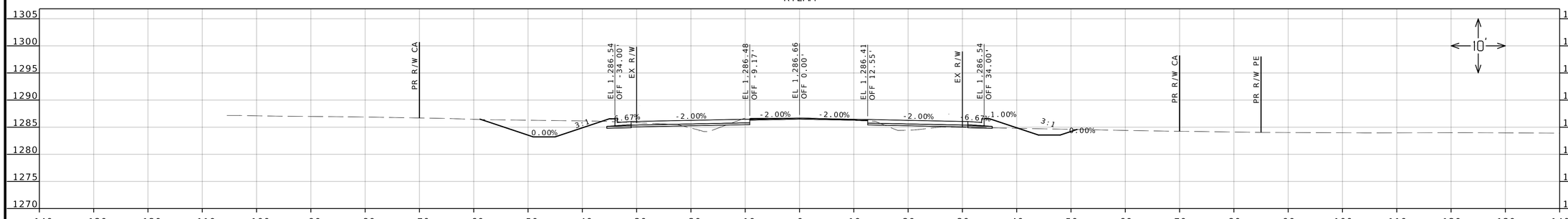
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RTEMM



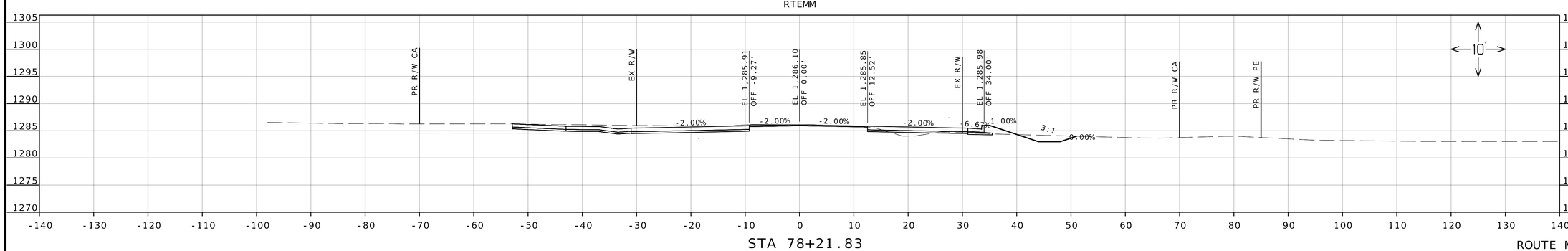
STA 79+00.00

RTEMM



STA 78+50.00

RTEMM



STA 78+21.83

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	24

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

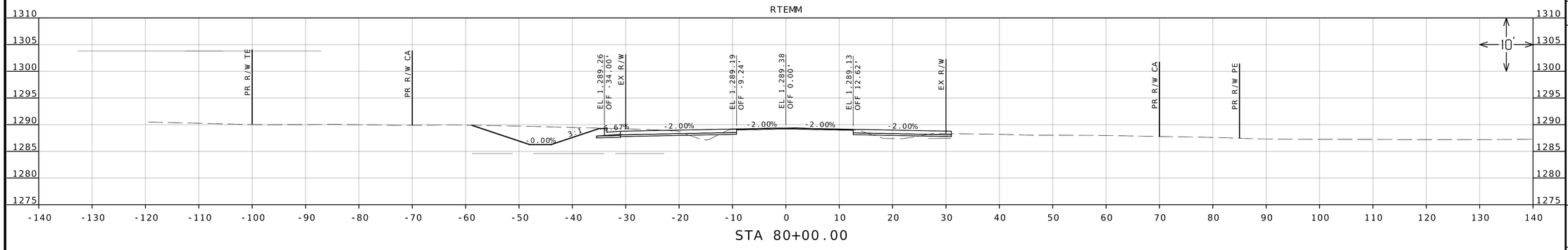
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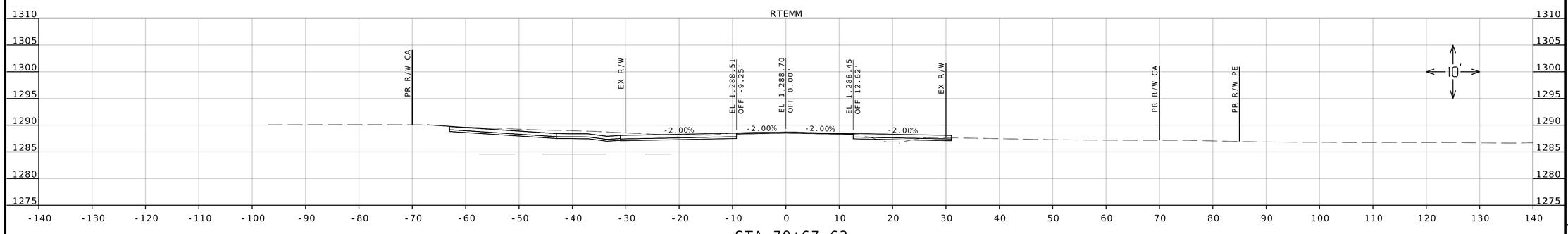
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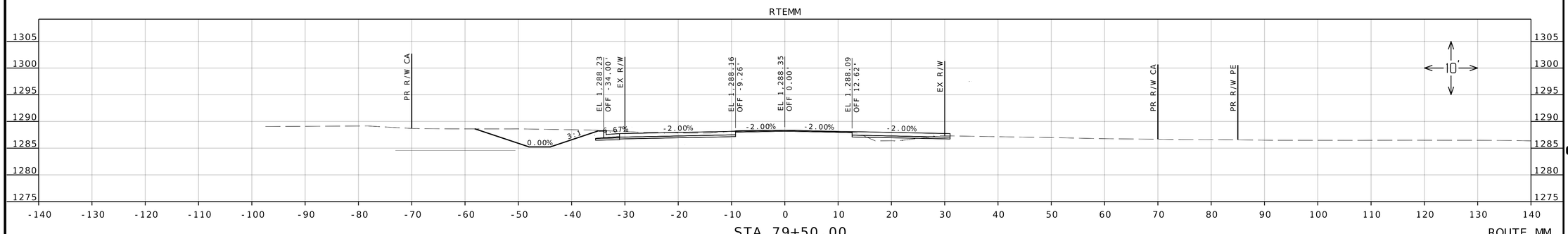
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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







PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	25

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

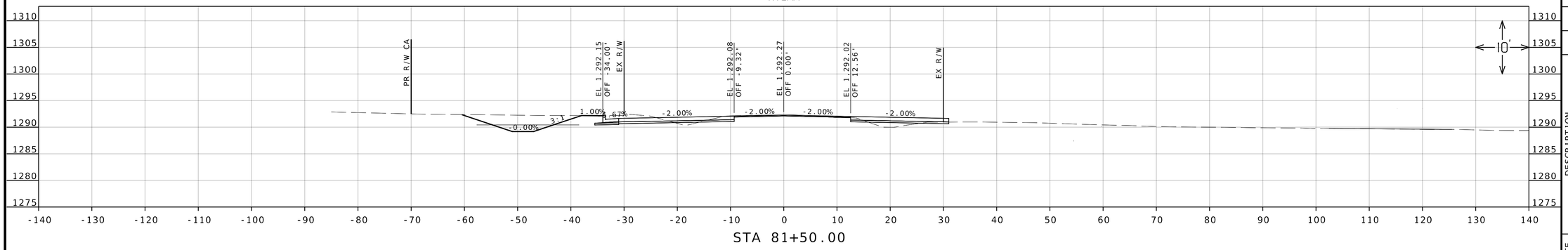
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

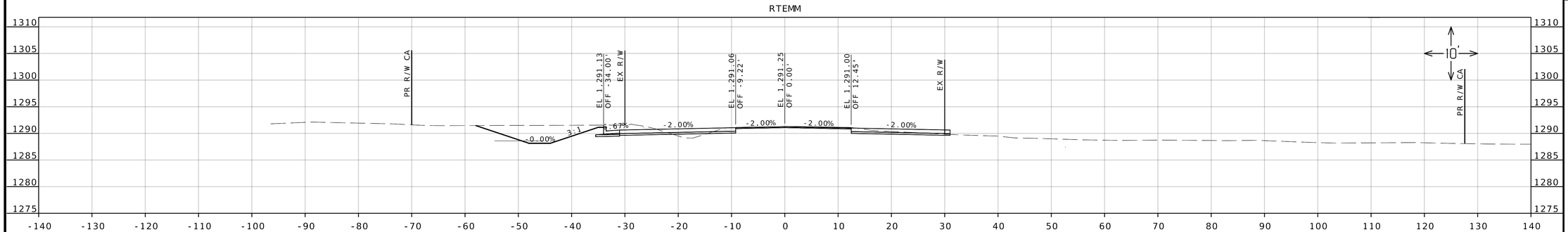
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

RTEMM



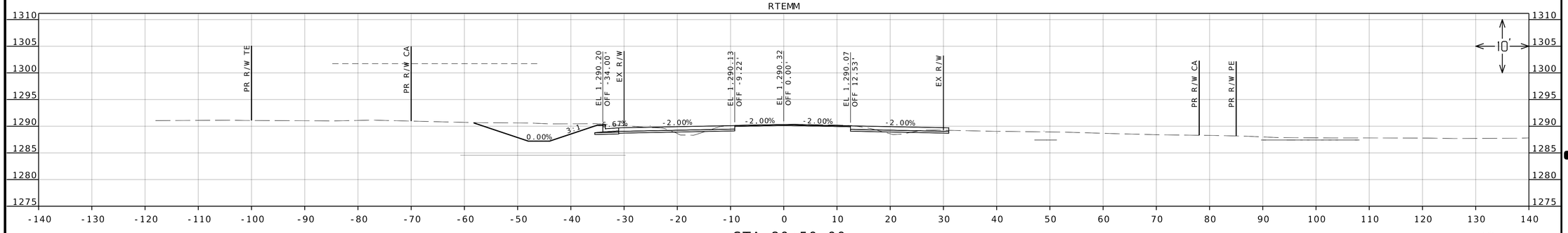
STA 81+50.00

RTEMM



STA 81+00.00

RTEMM



STA 80+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	26

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

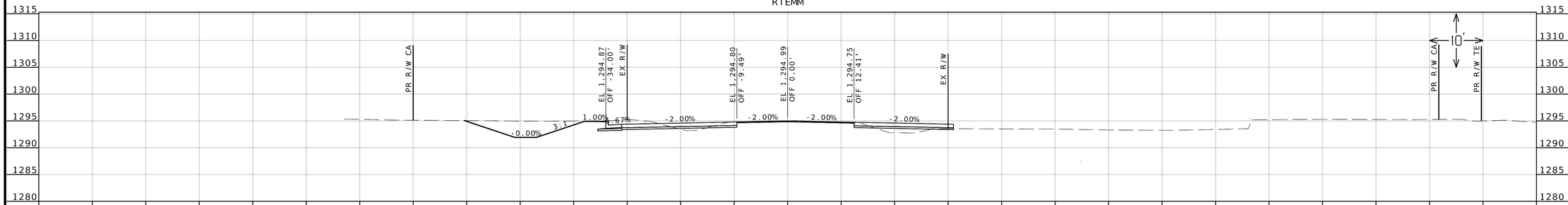
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

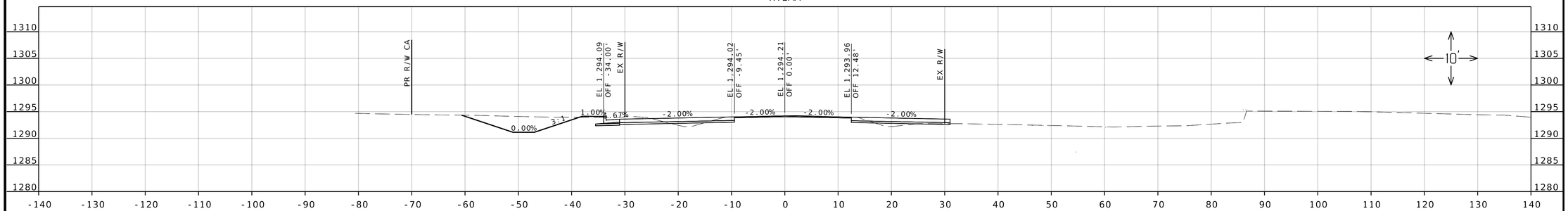
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RTEMM



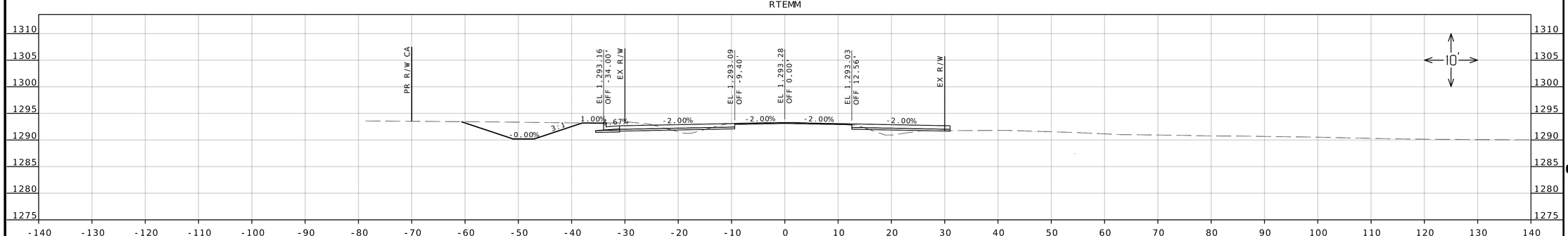
STA 83+00.00

RTEMM



STA 82+50.00

RTEMM



STA 82+00.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	27

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

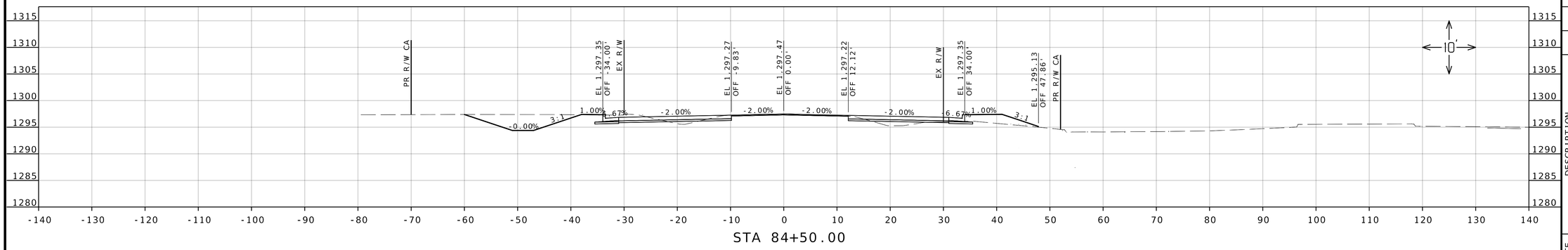
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

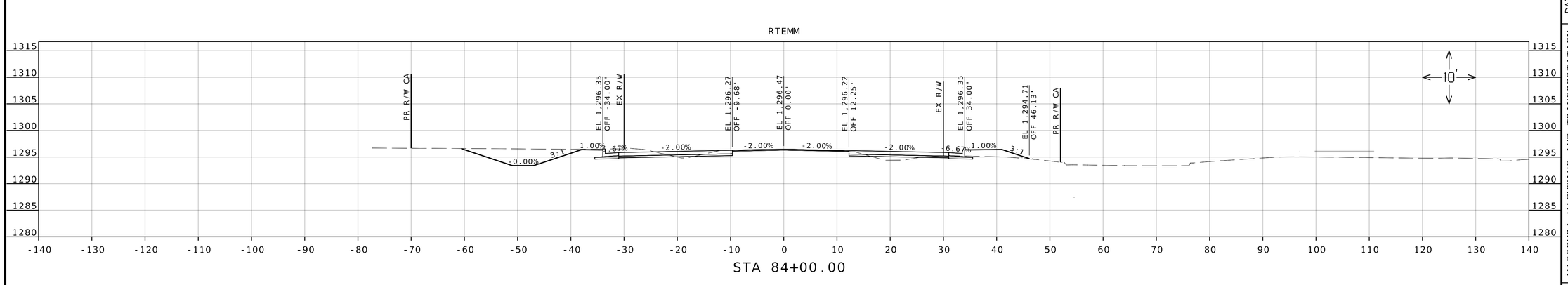
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RTEMM



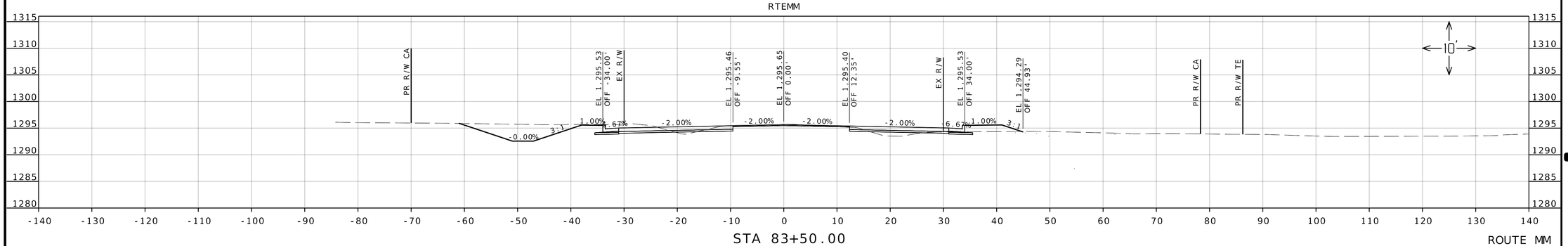
STA 84+50.00

RTEMM



STA 84+00.00

RTEMM



STA 83+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	28

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

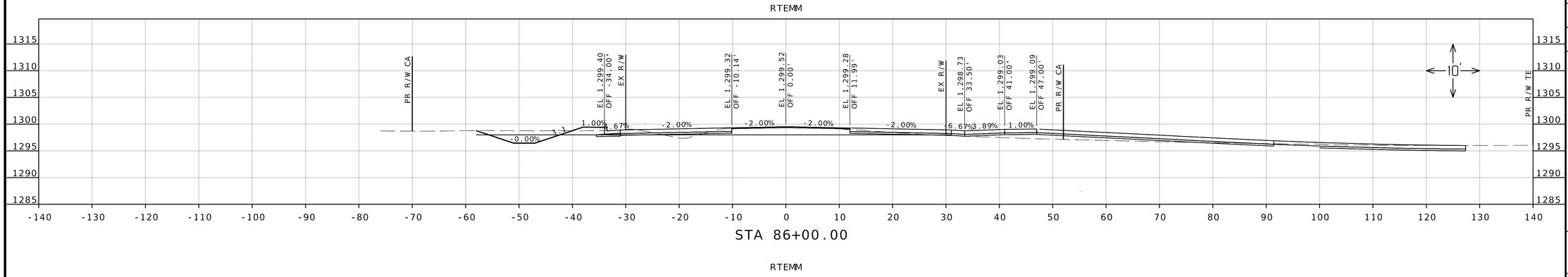
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

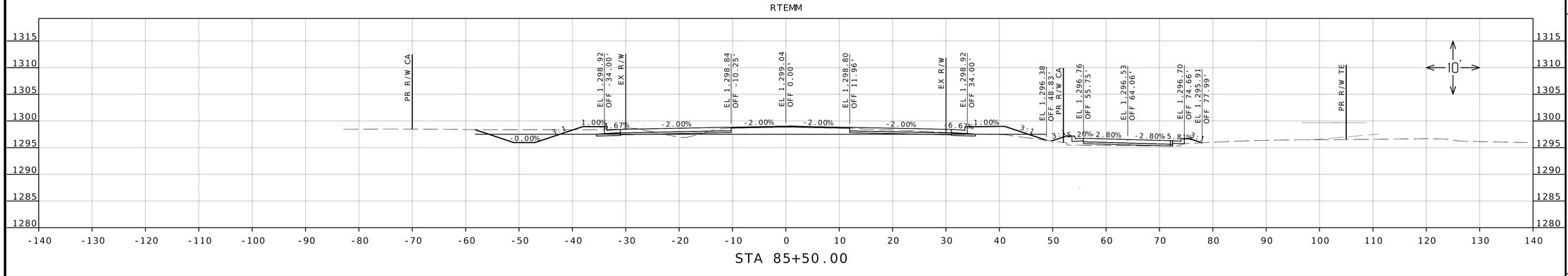
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

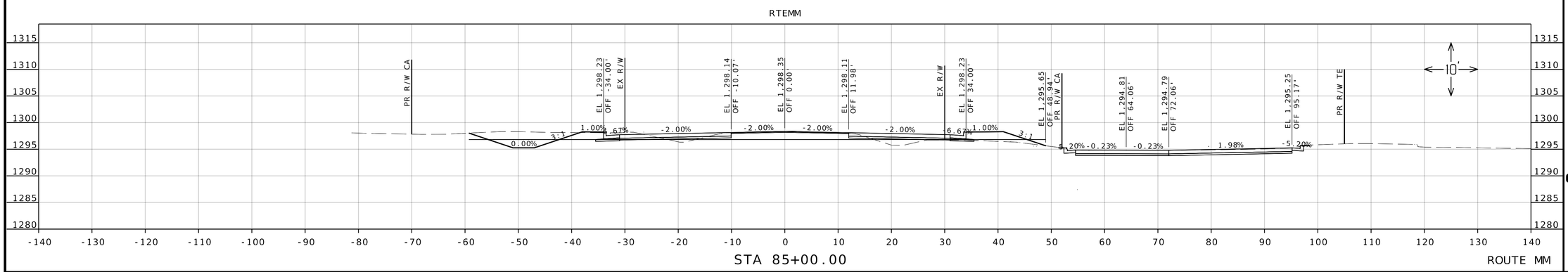
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	29

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

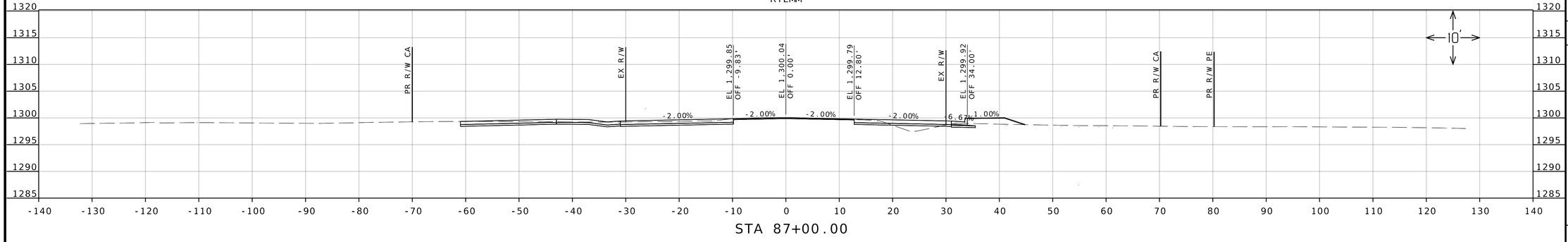
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

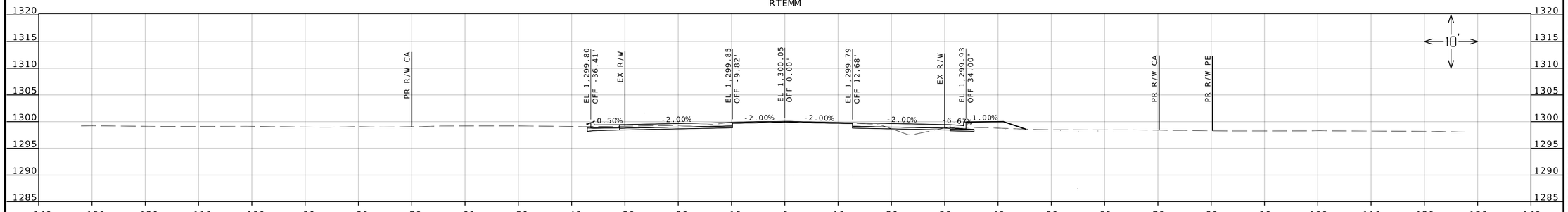
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RTEMM



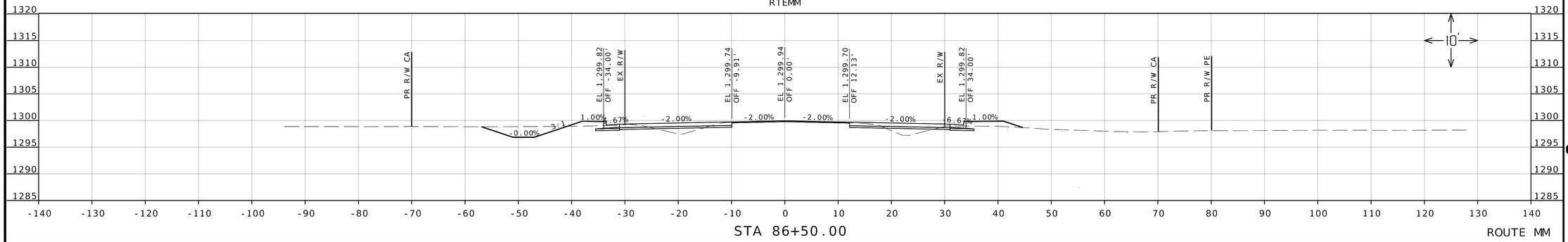
STA 87+00.00

RTEMM



STA 86+92.60

RTEMM



STA 86+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	30

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

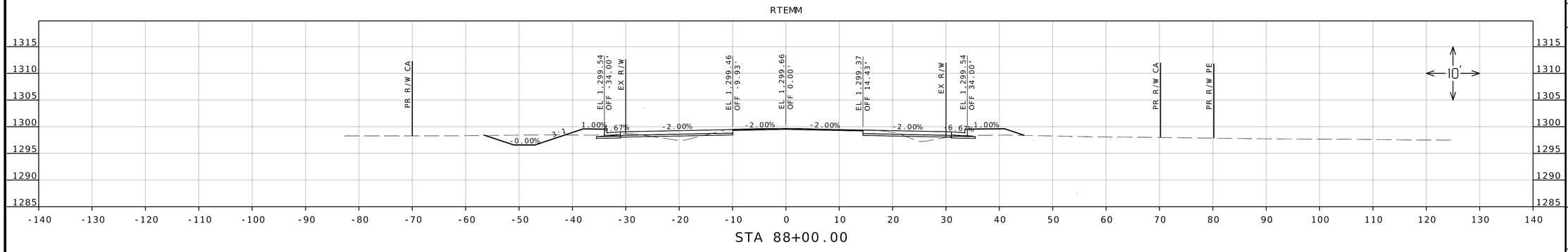
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

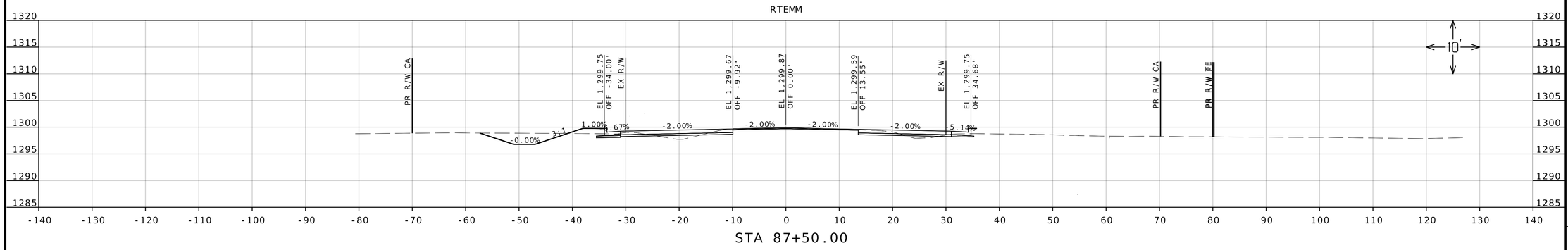
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JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

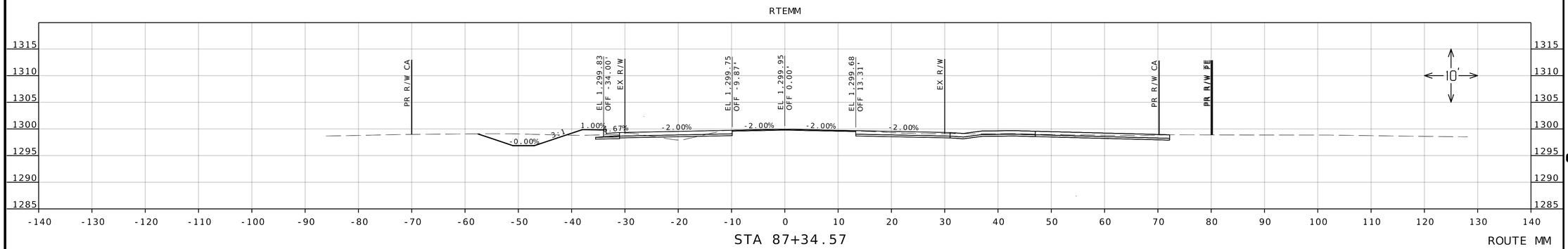
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	31

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

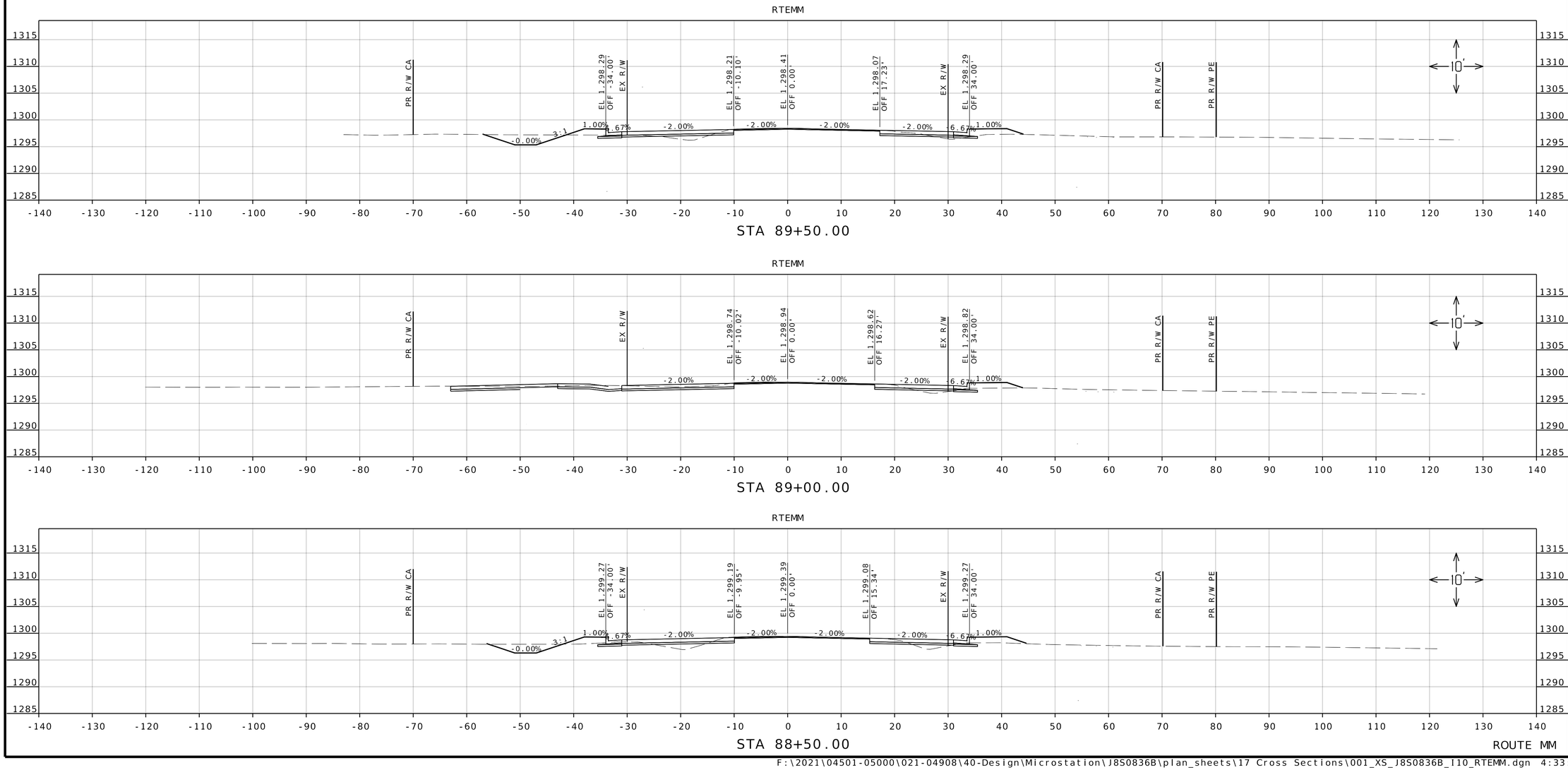
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	32

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

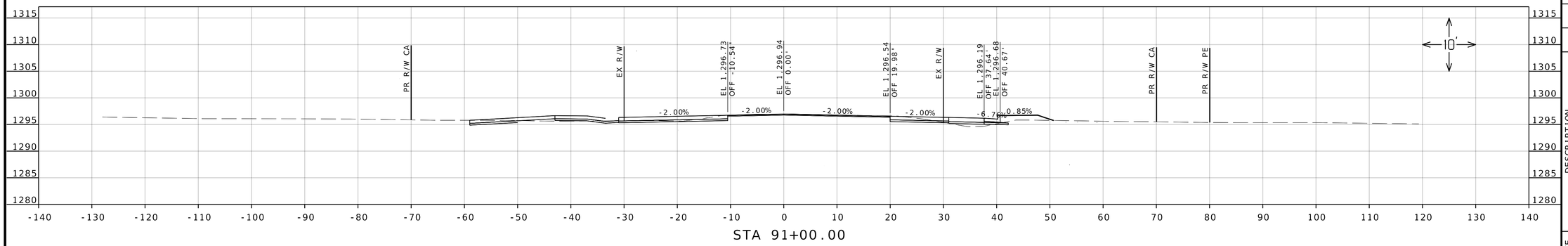
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

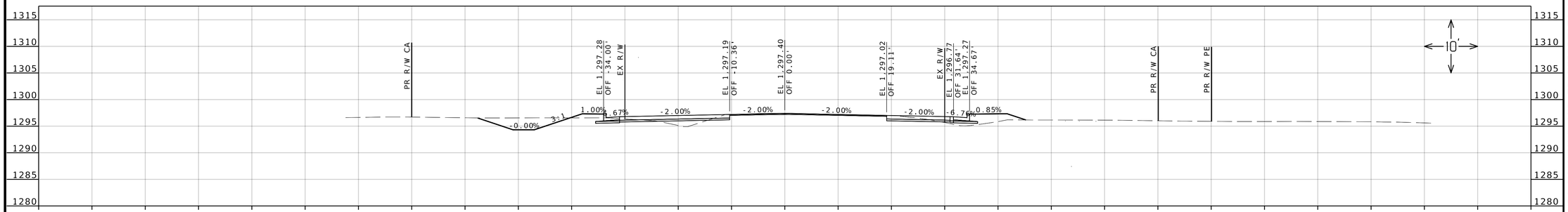
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF AUTHORITY NO. 001592

RTEMM



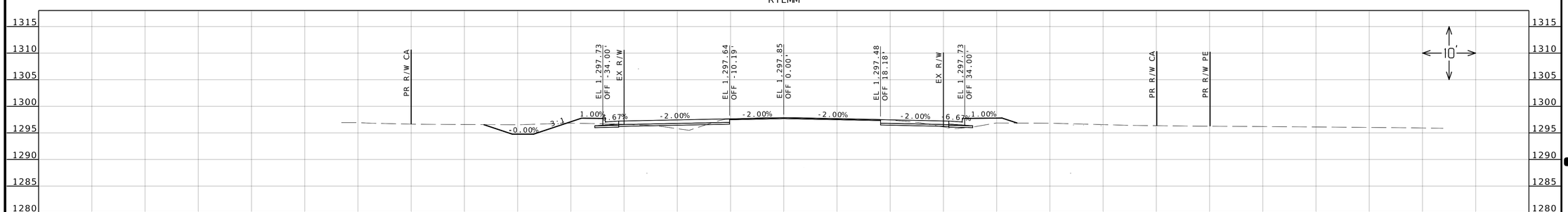
STA 91+00.00

RTEMM



STA 90+50.00

RTEMM



STA 90+00.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	33

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

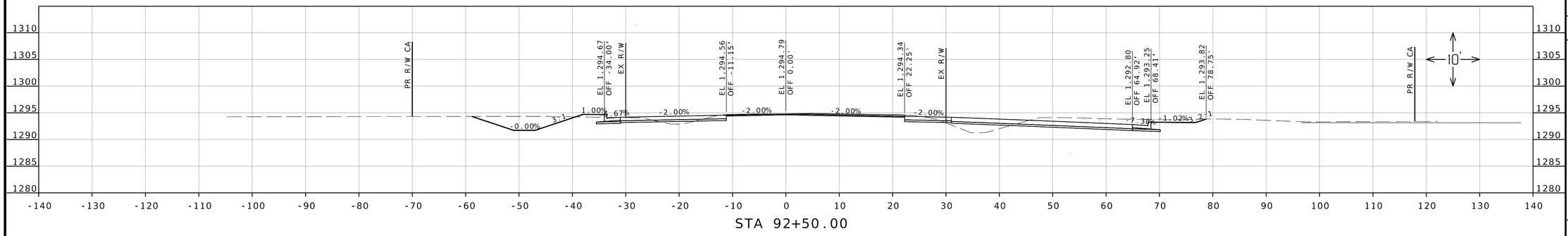
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

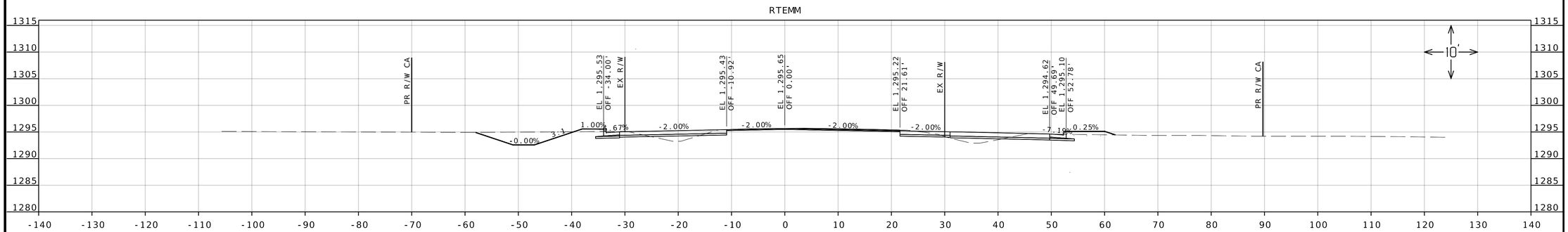
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RTEMM



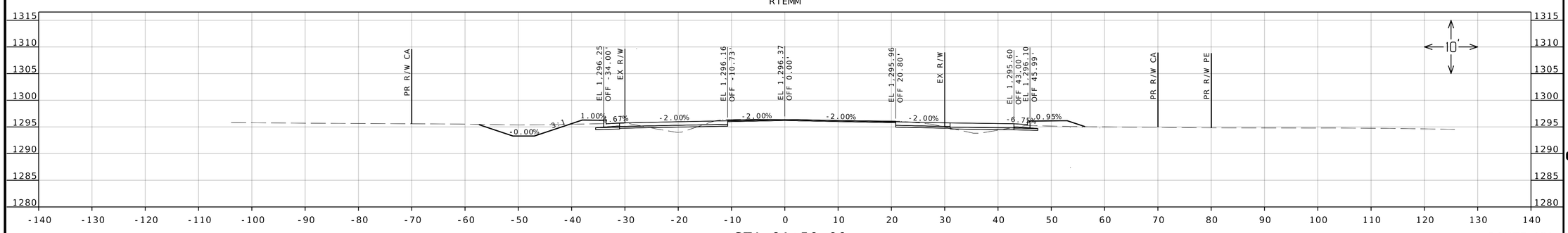
STA 92+50.00

RTEMM



STA 92+00.00

RTEMM



STA 91+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	34

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

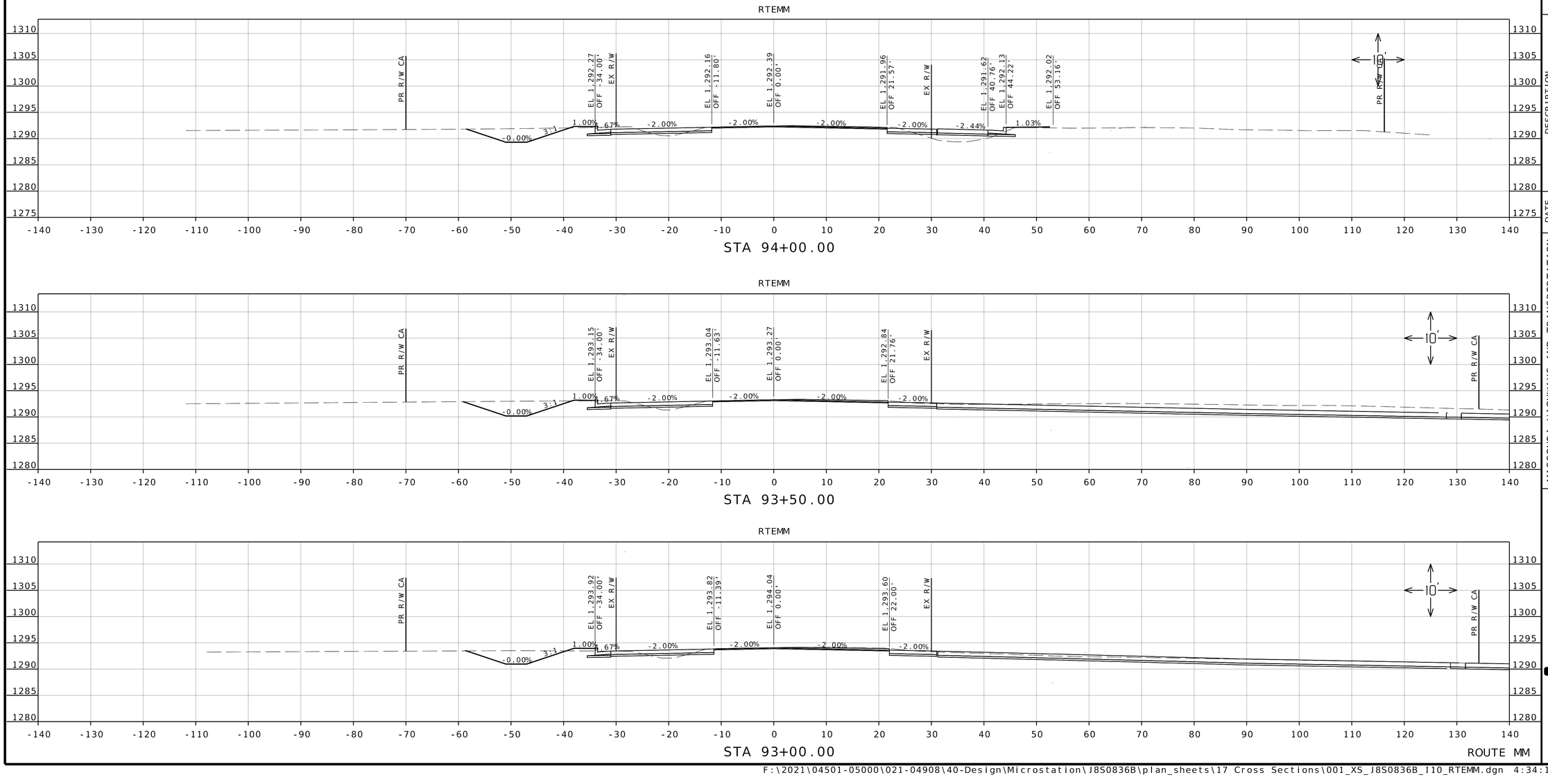
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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



PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	35

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

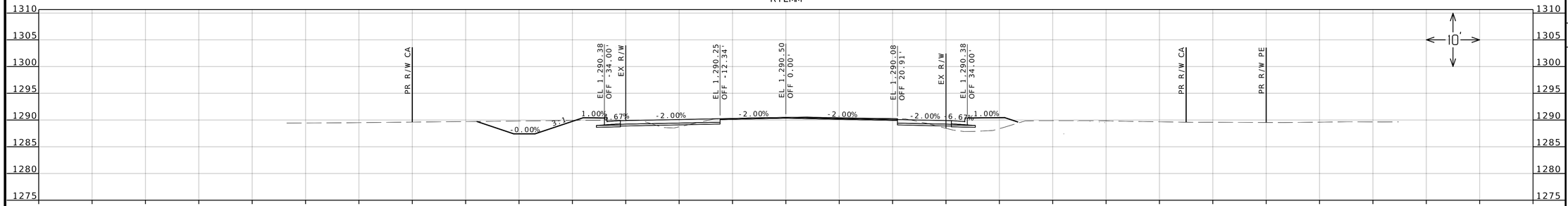
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

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RTEMM

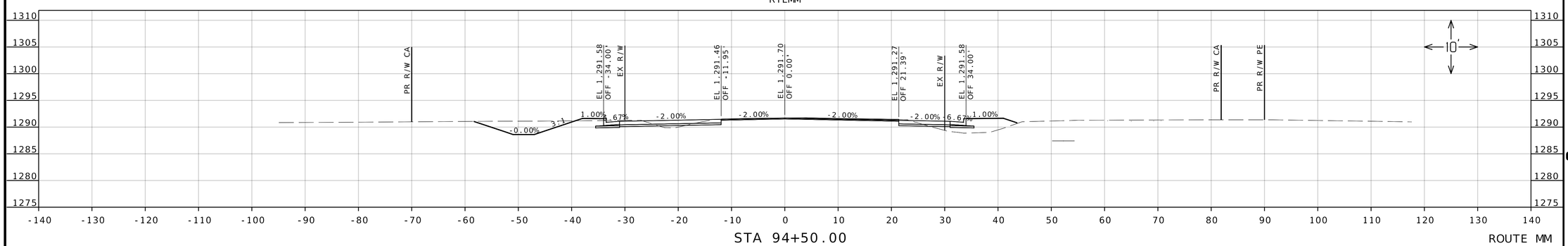


STA 95+50.00

RTEMM

STA 95+00.00

RTEMM



STA 94+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	36

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

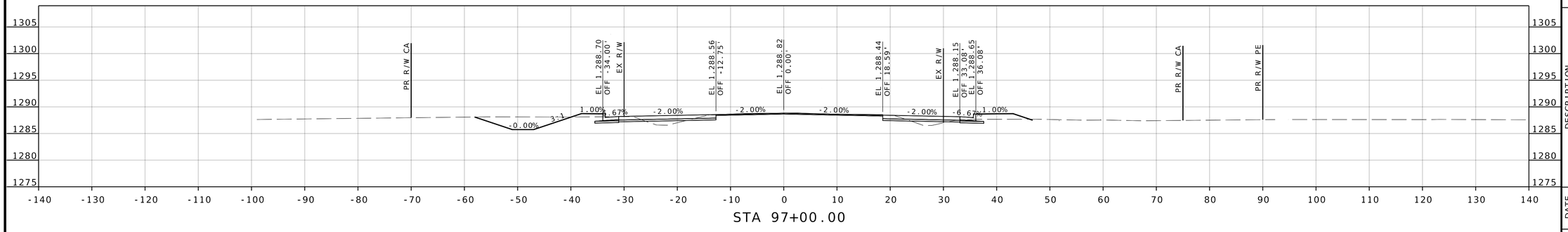
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

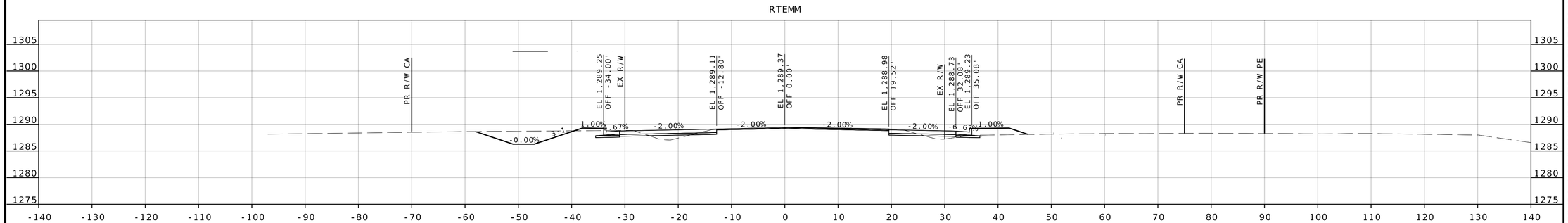
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

RTEMM



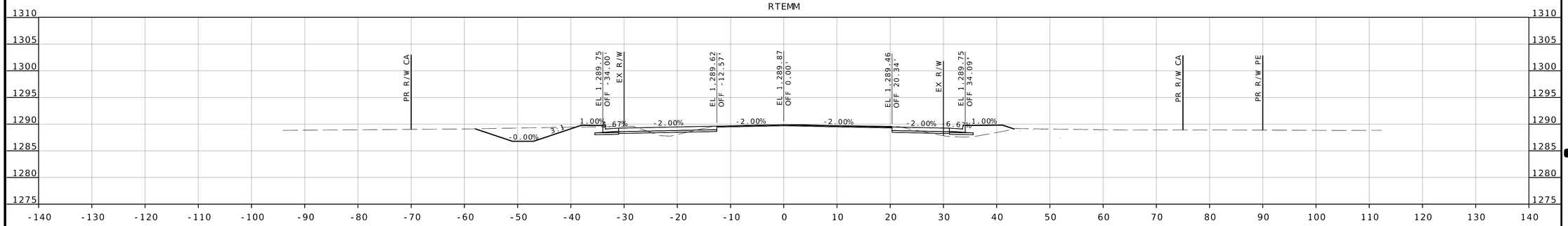
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RTEMM



STA 96+50.00

RTEMM



STA 96+00.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	37

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

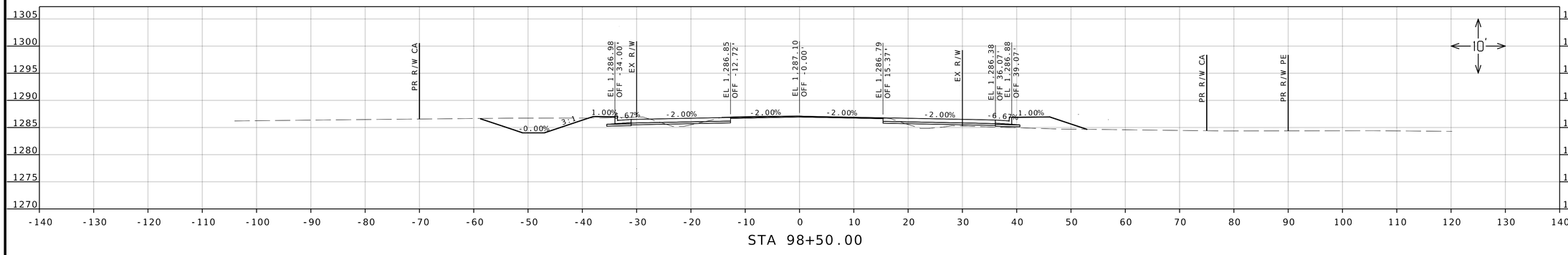
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

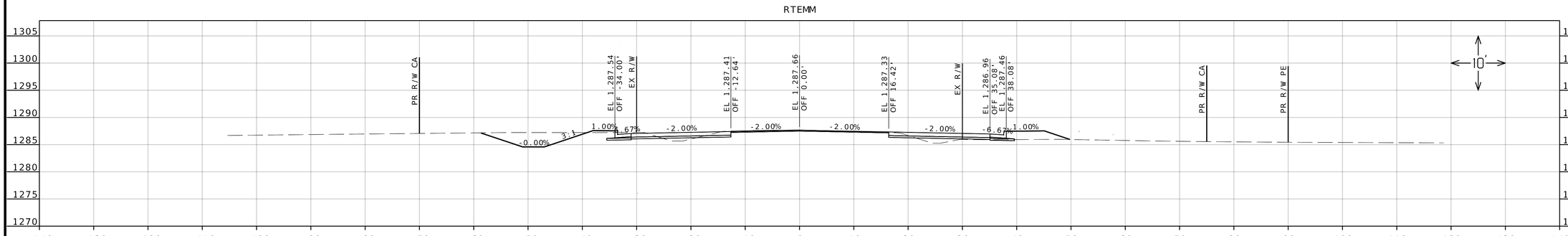
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RTEMM



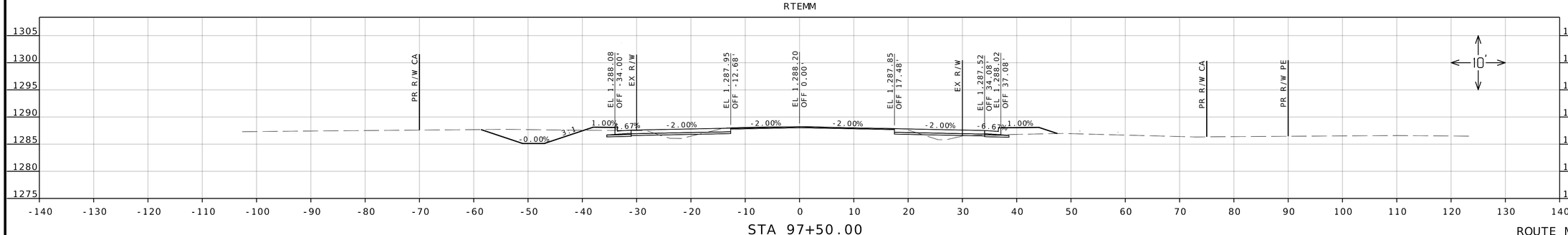
STA 98+50.00

RTEMM



STA 98+00.00

RTEMM



STA 97+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	38

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

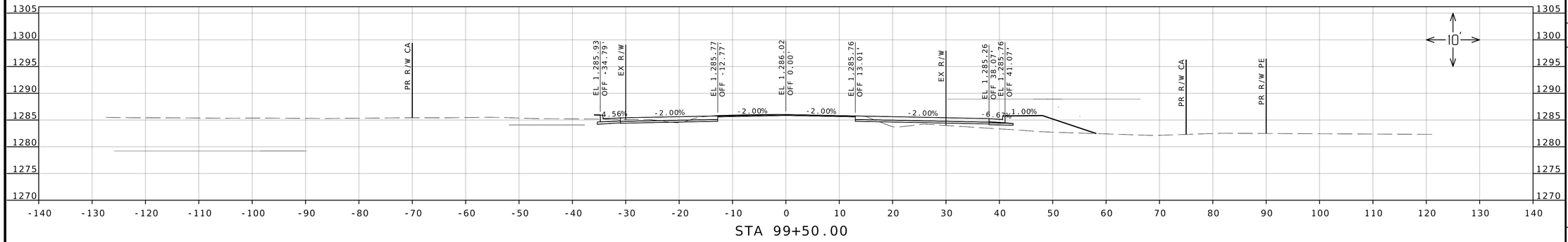
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

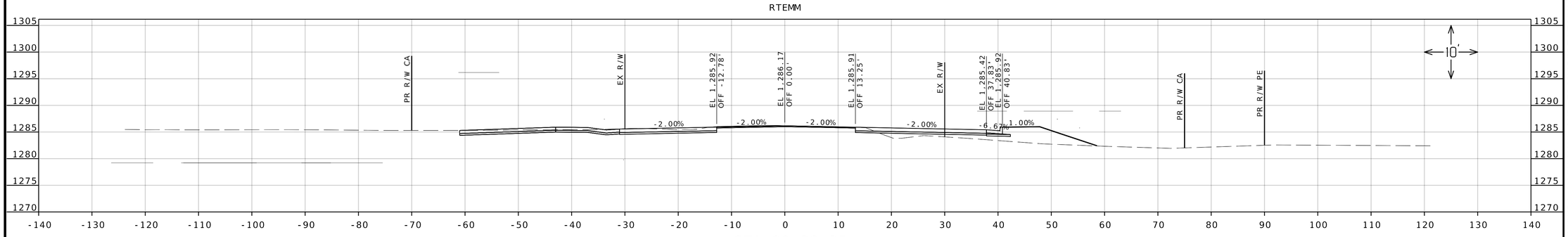
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RTEMM



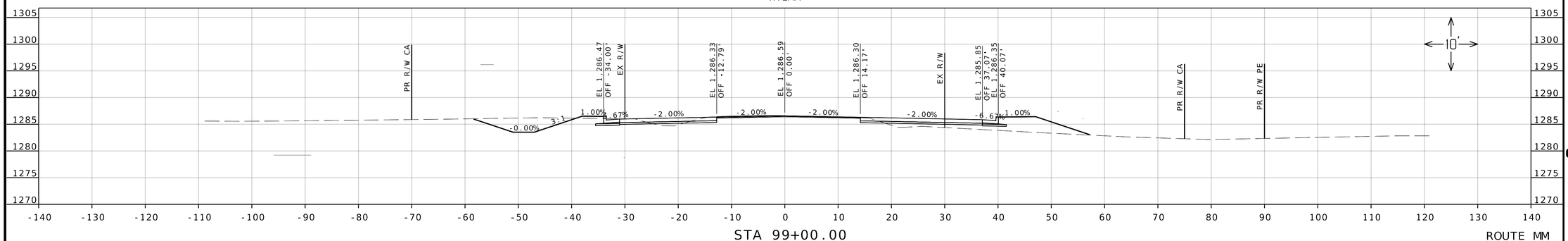
STA 99+50.00

RTEMM



STA 99+38.35

RTEMM



STA 99+00.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	39

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

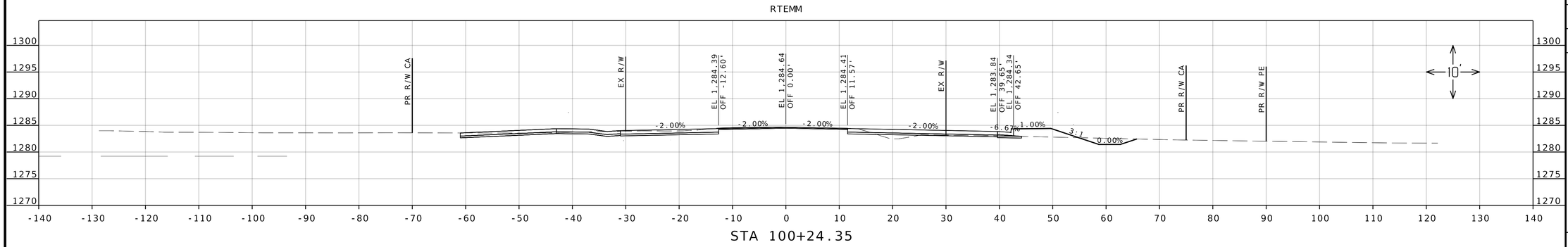
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

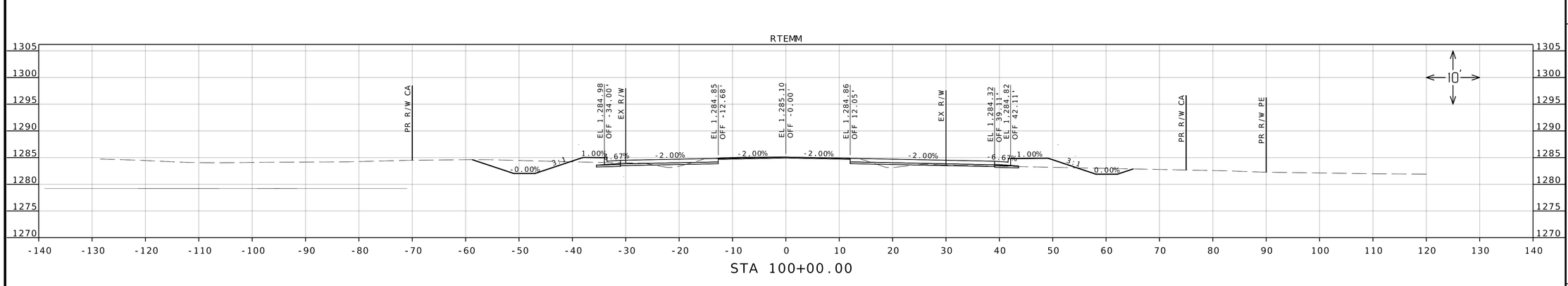
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

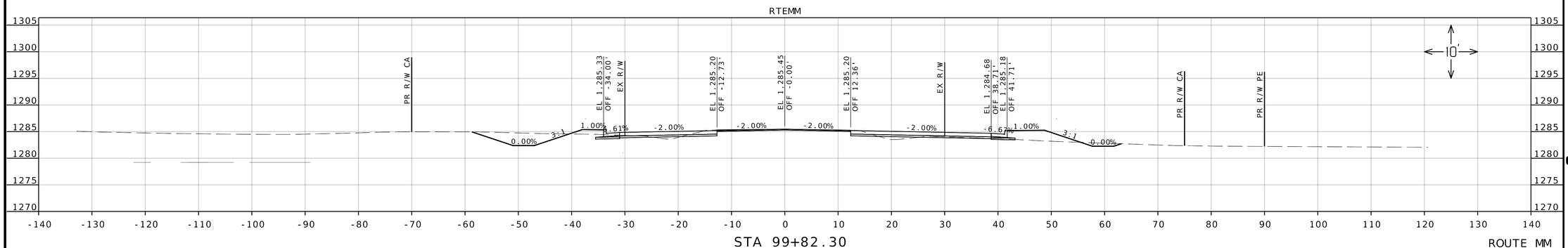
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	40

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

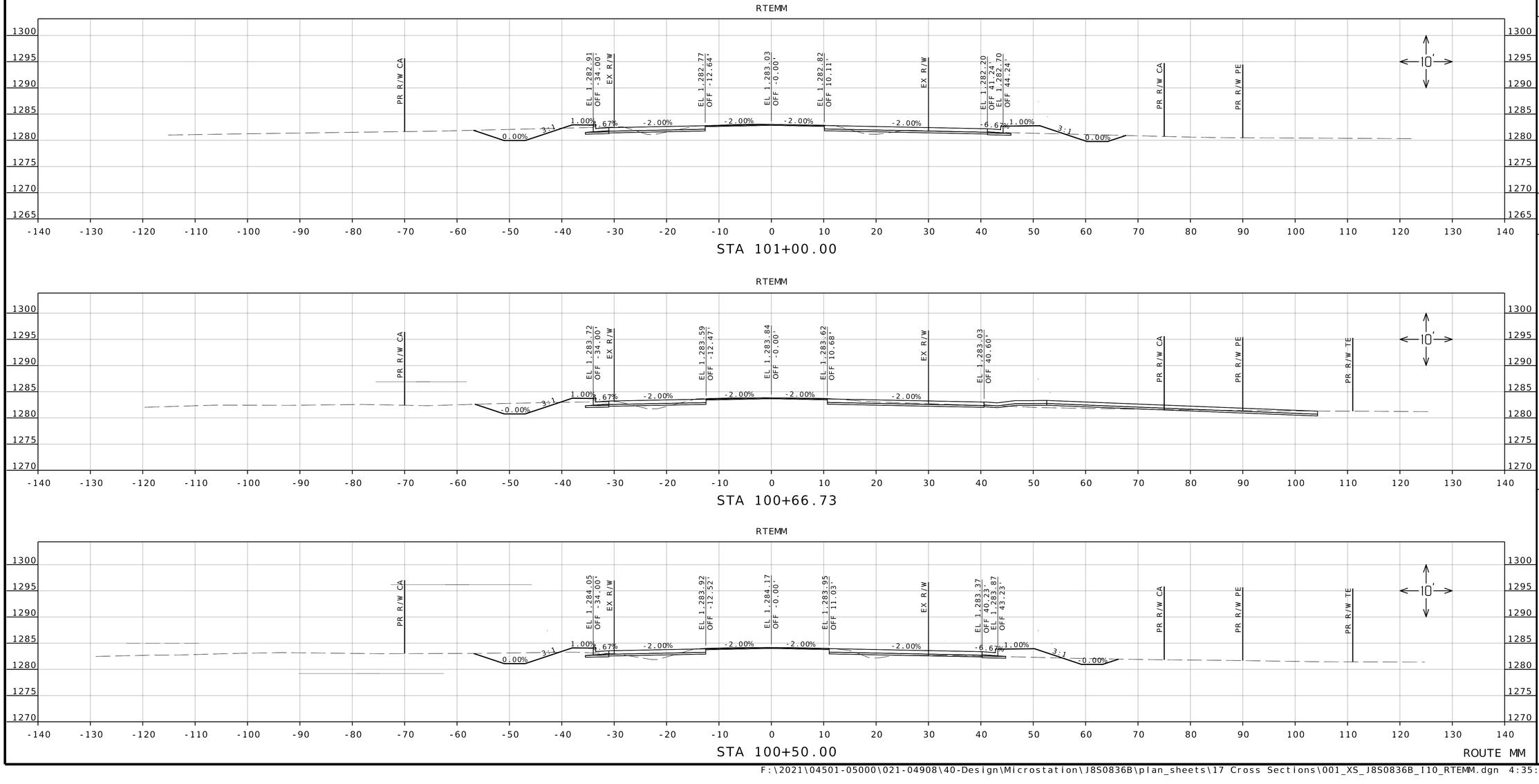
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	41

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

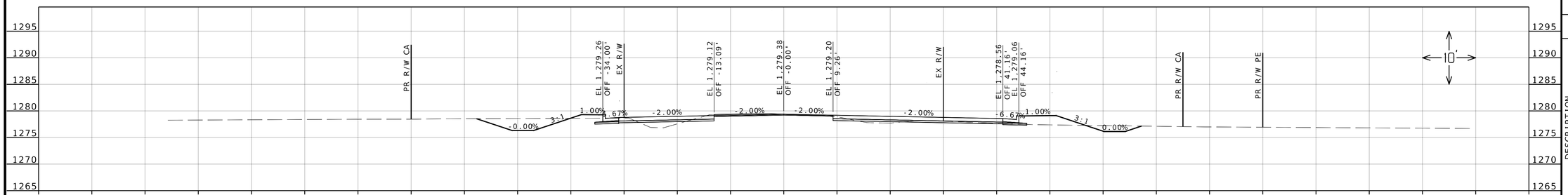
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

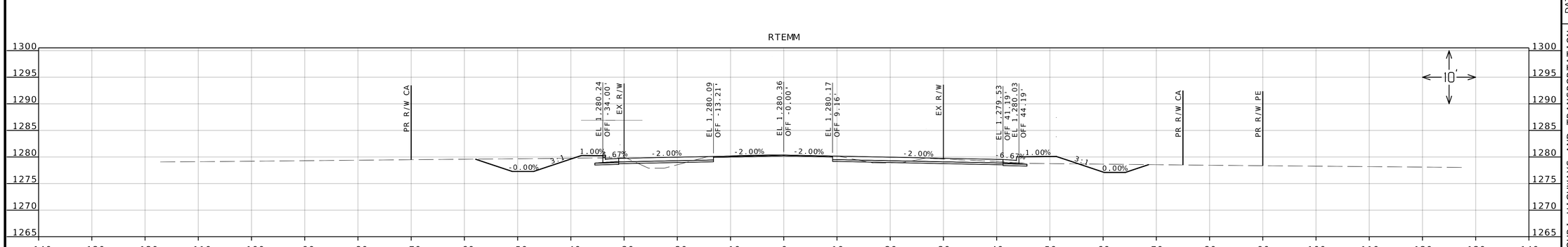
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RTEMM



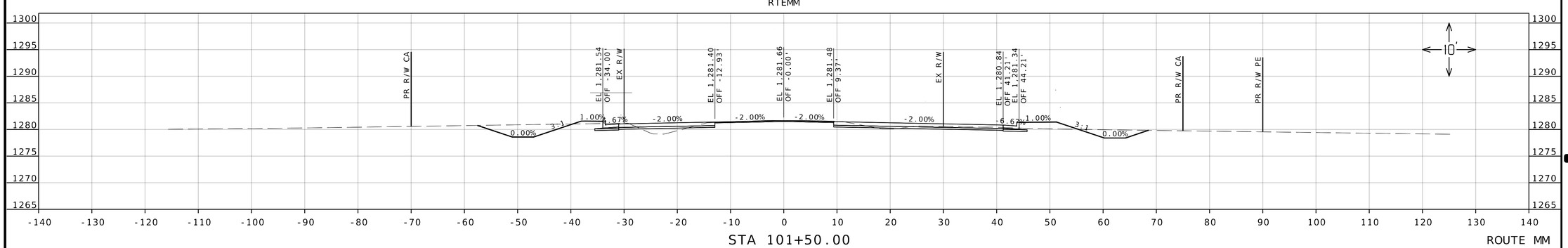
STA 102+50.00

RTEMM



STA 102+00.00

RTEMM



STA 101+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	42

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

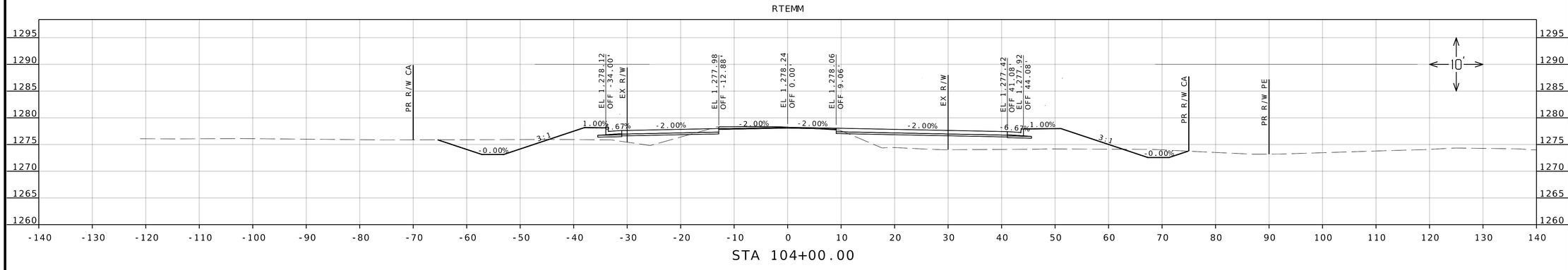
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

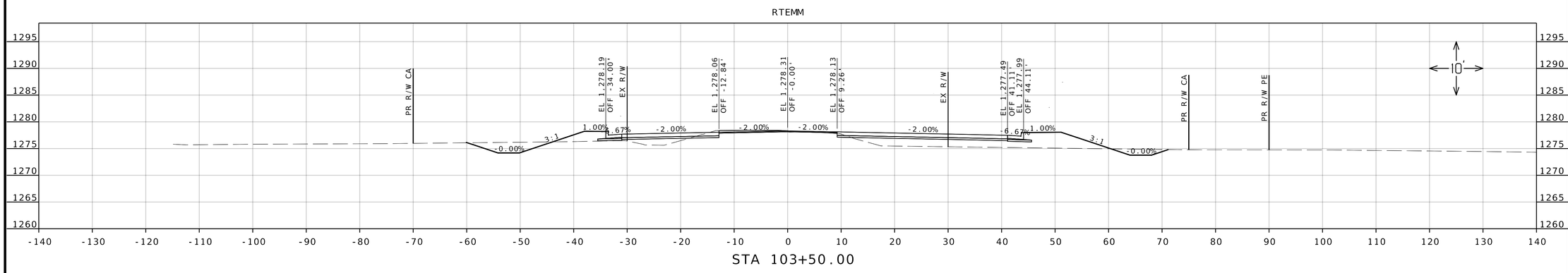
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

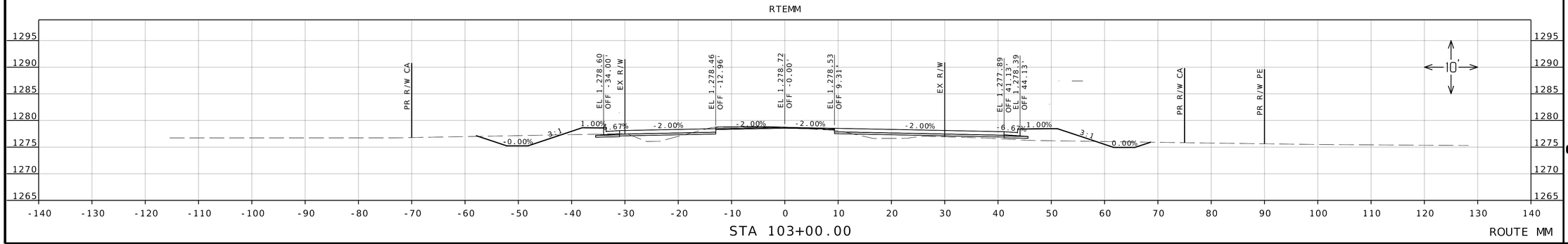
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	43

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

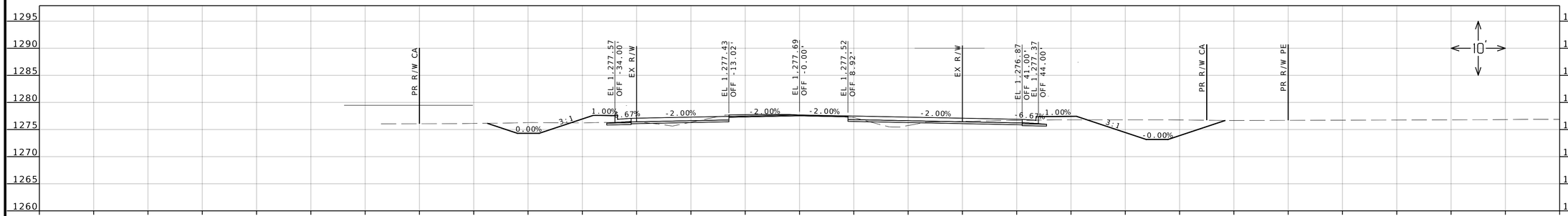
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

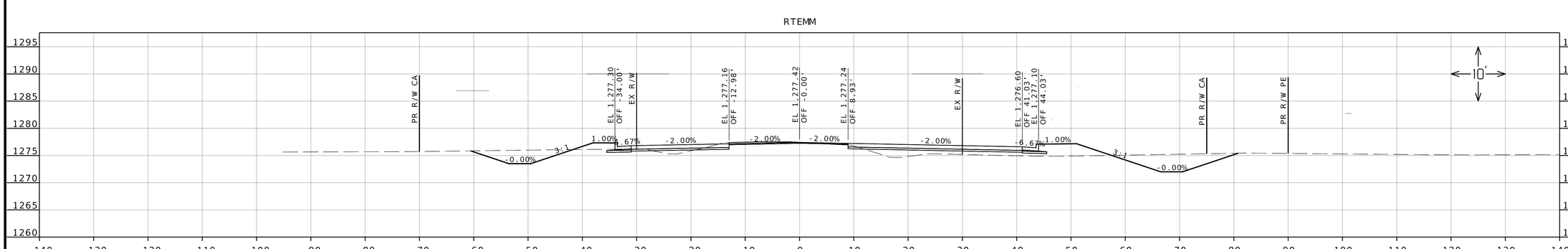
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

RTEMM



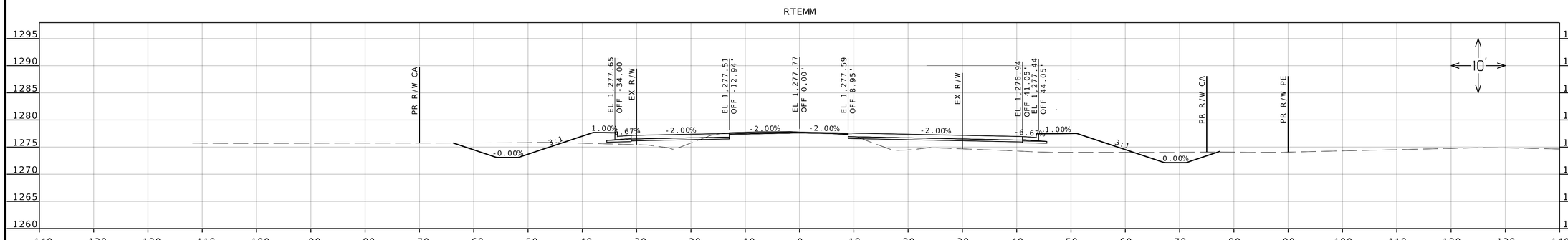
STA 105+50.00

RTEMM



STA 105+00.00

RTEMM



STA 104+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	44

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	45

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

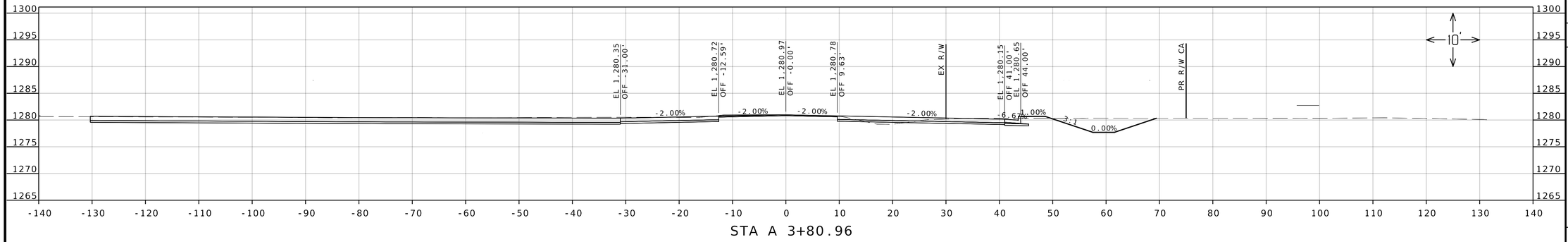
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

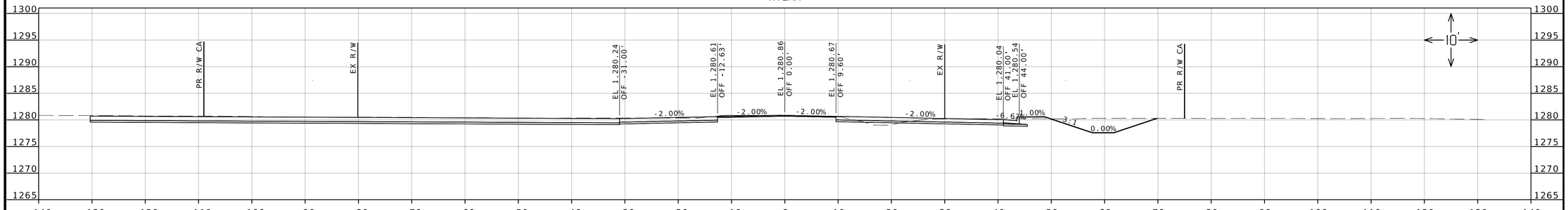
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RTEMM



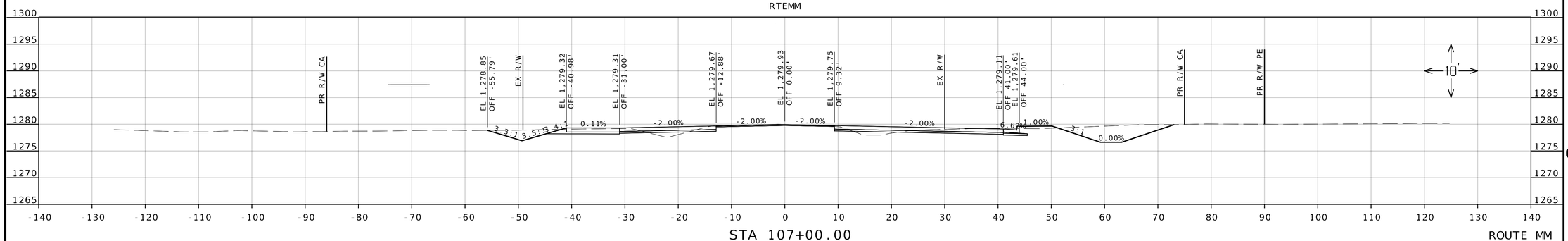
STA A 3+80.96

RTEMM



STA 107+50.00

RTEMM



STA 107+00.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO

DISTRICT	SHEET NO.
SW	46

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

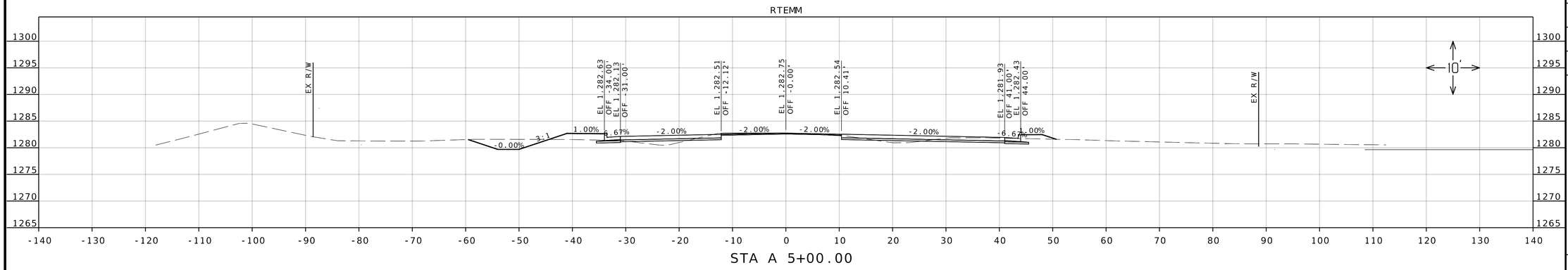
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

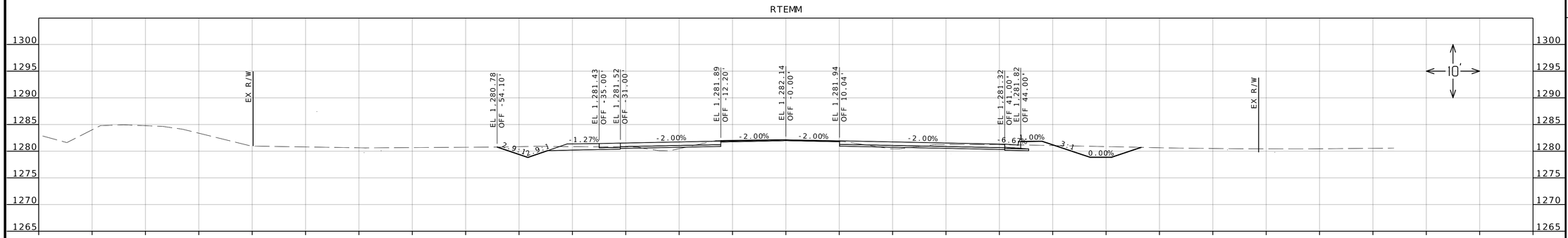
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

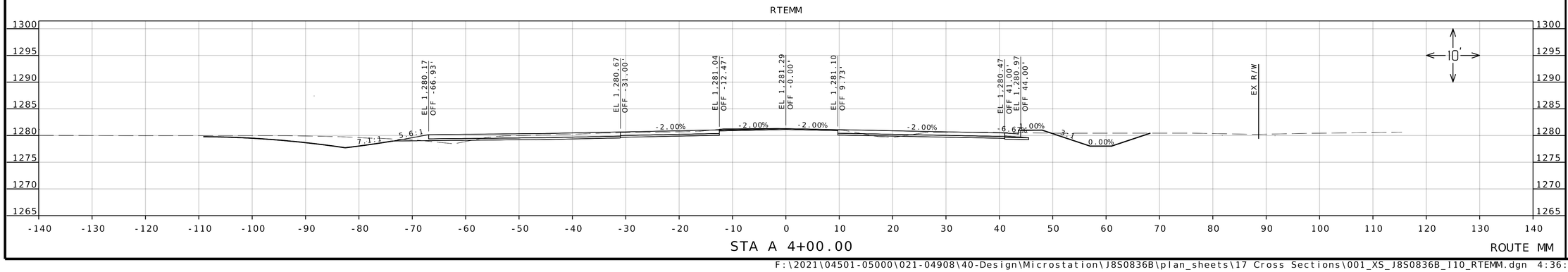
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STA A 5+00.00



STA A 4+50.00



STA A 4+00.00

ROUTE MM

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	47

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

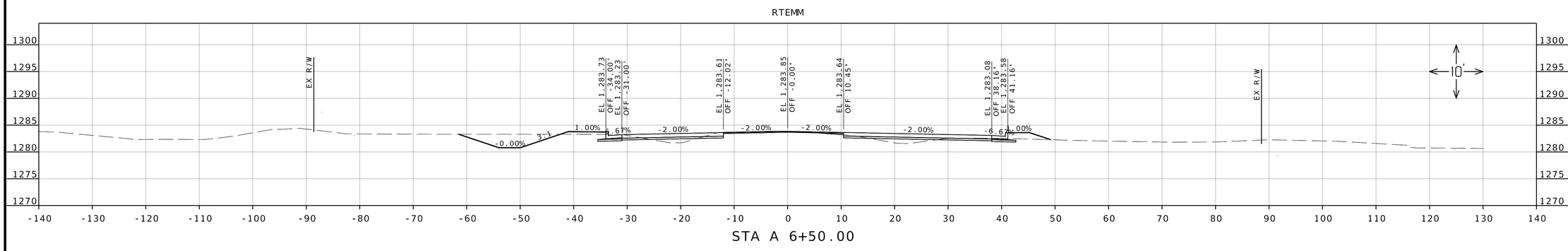
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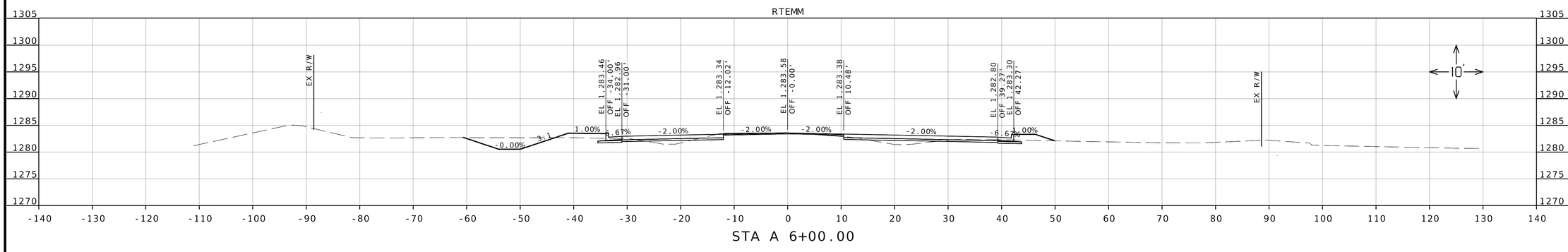
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

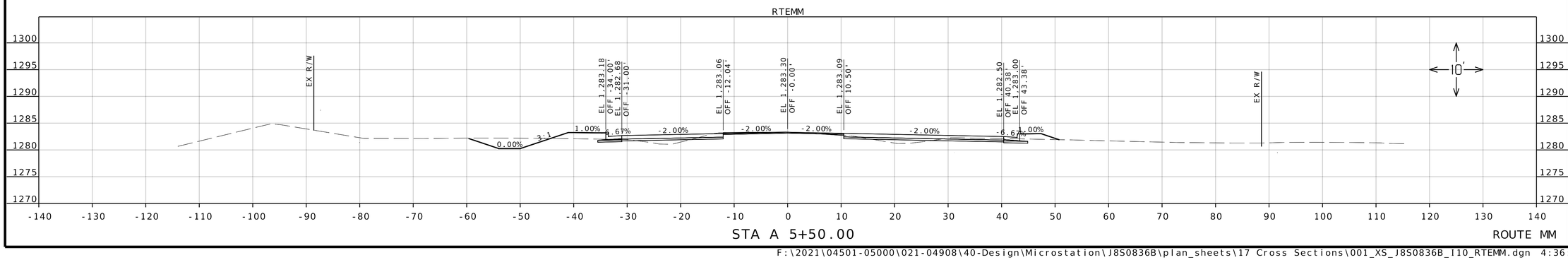
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

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ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	48

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

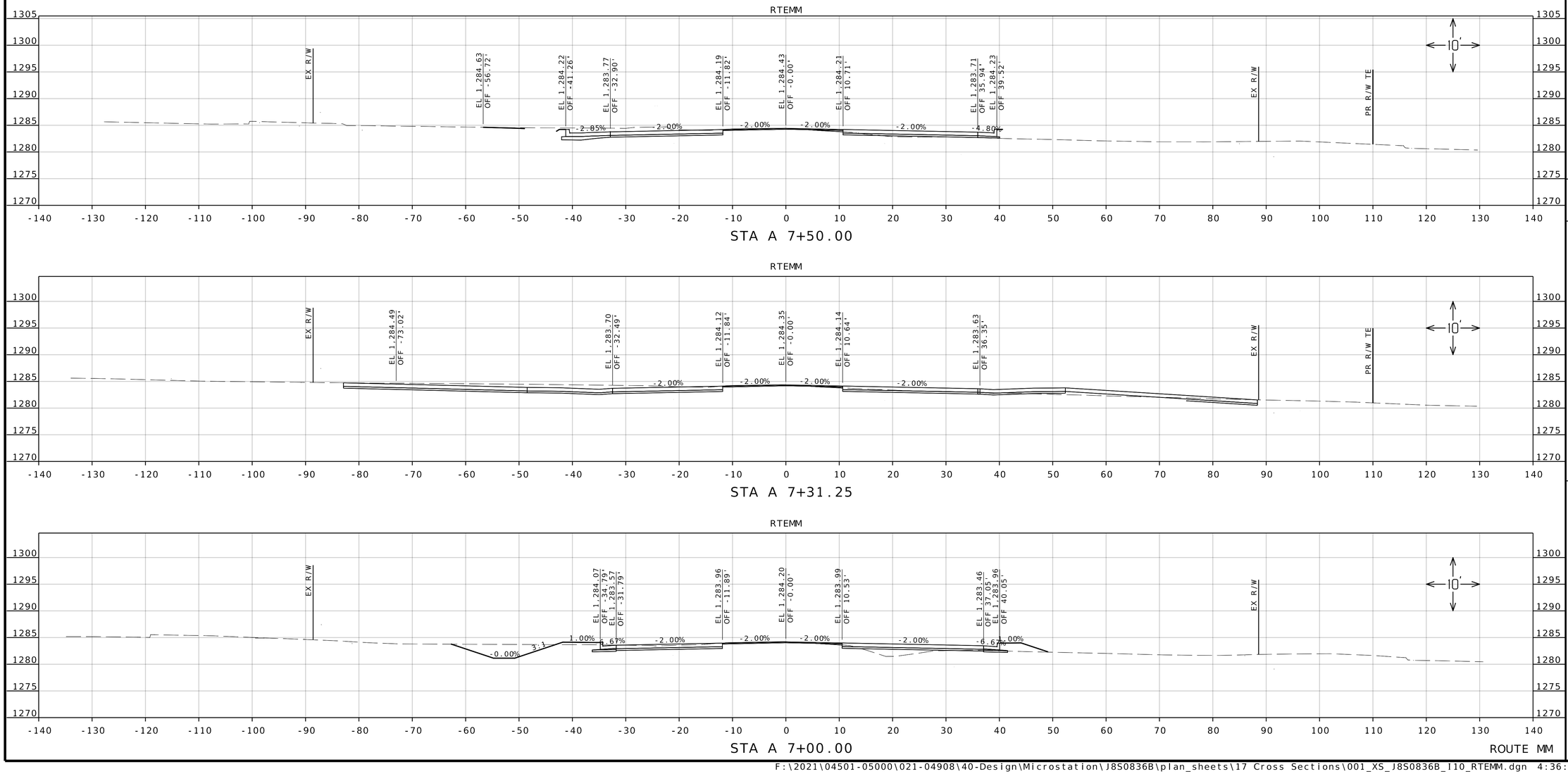
BRIDGE NO.

DESCRIPTION	DATE

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

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



PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	49

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

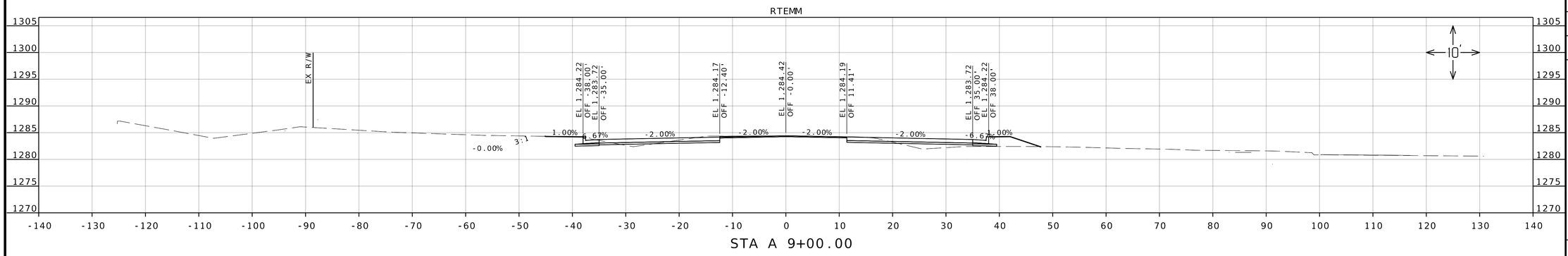
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

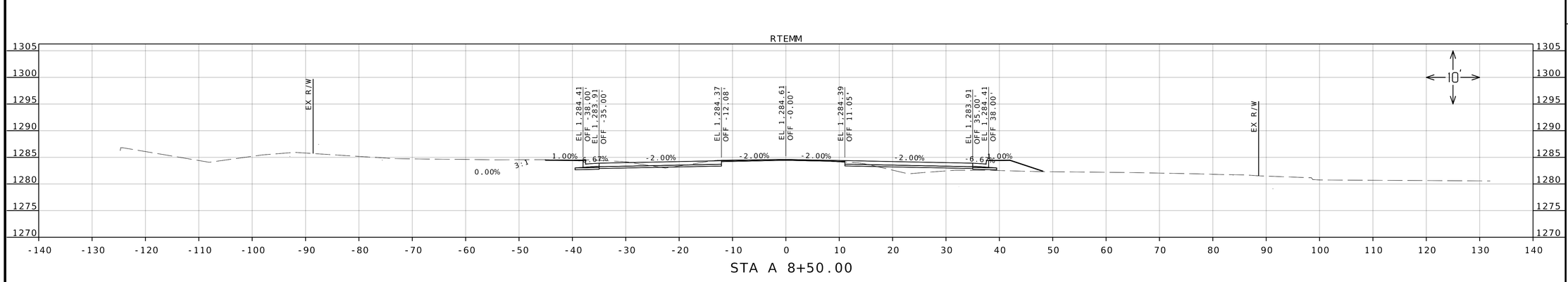
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

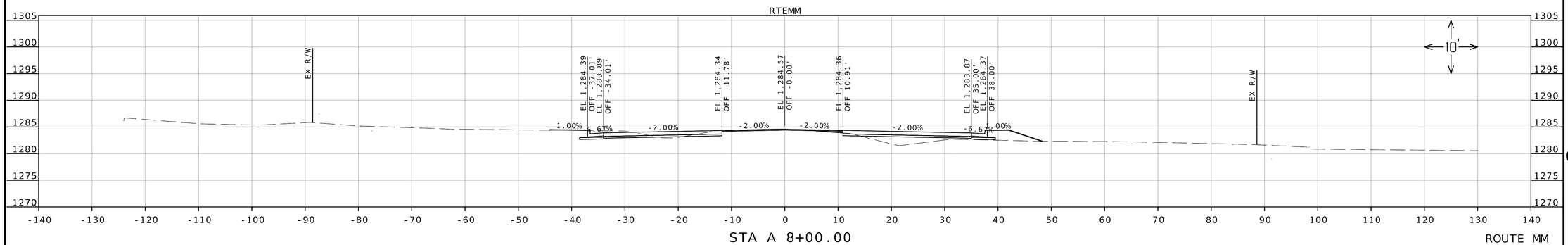
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



STA A 9+00.00



STA A 8+50.00



STA A 8+00.00

ROUTE MM

PRELIMINARY
PLANS
NOT FOR
CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	50

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

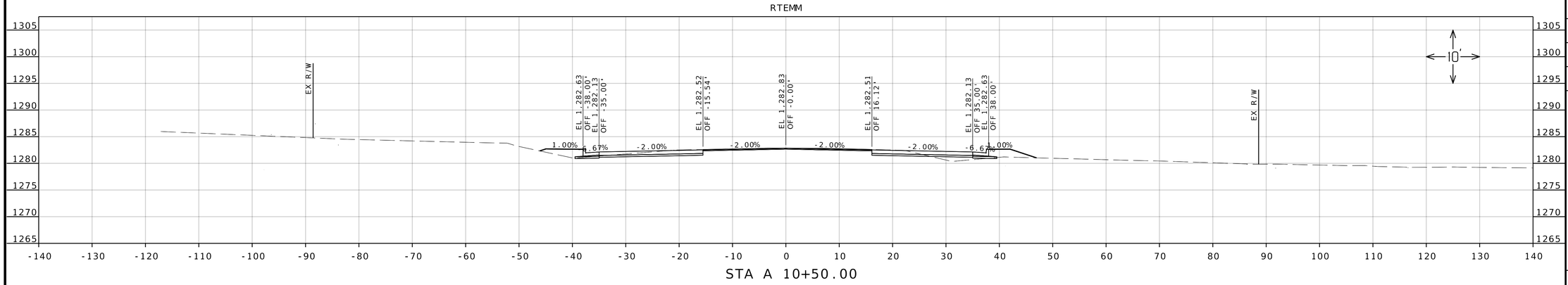
BRIDGE NO.

DESCRIPTION	DATE

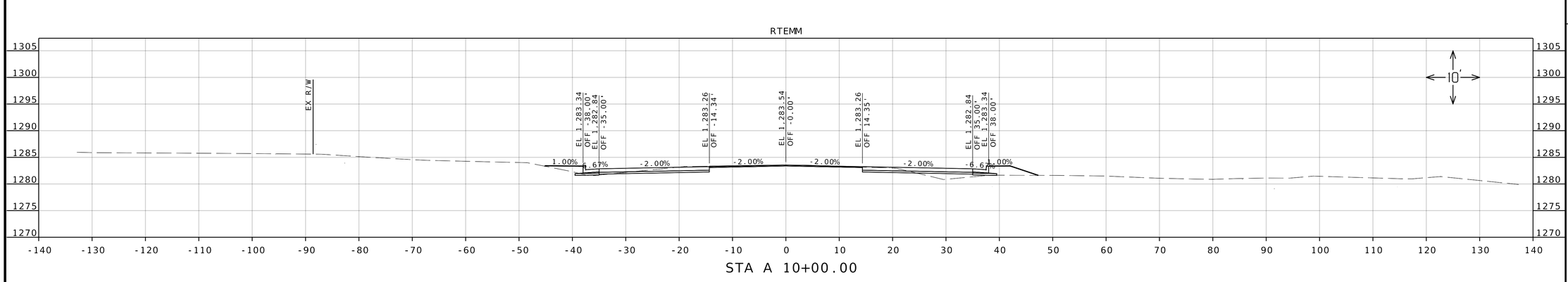
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

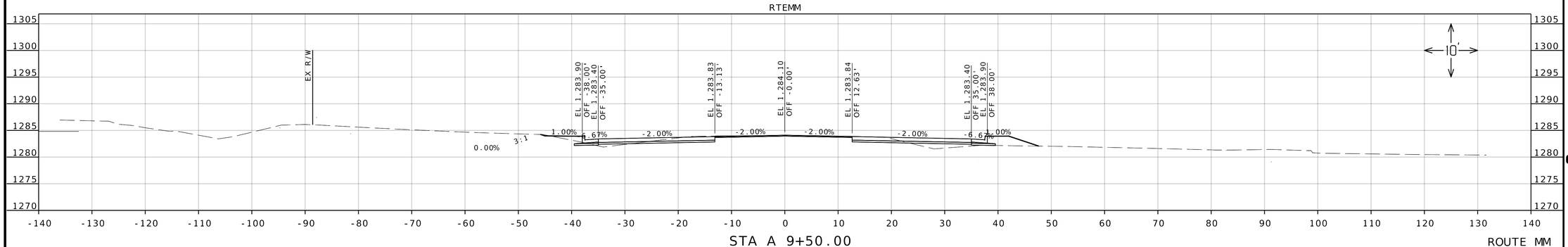
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



STA A 10+50.00



STA A 10+00.00



STA A 9+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	51

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

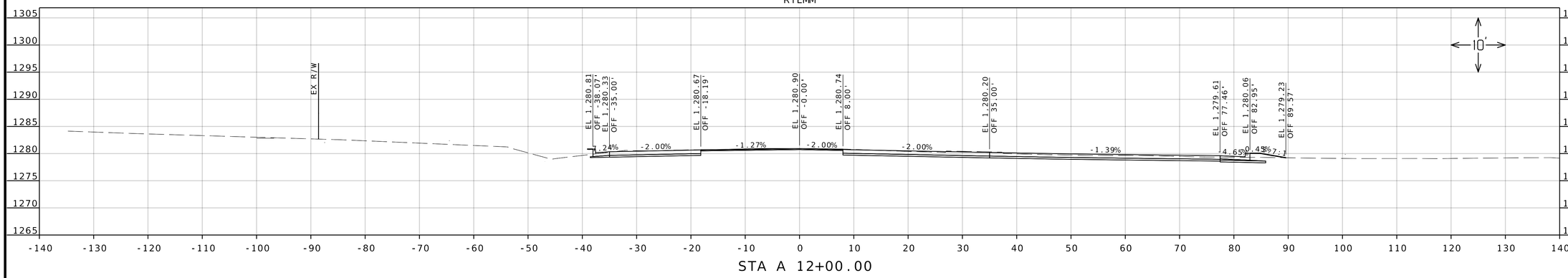
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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

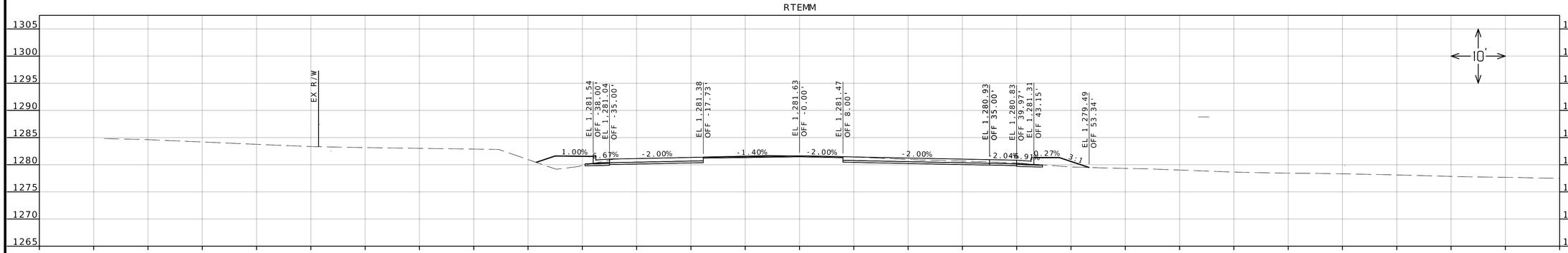
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RTEMM



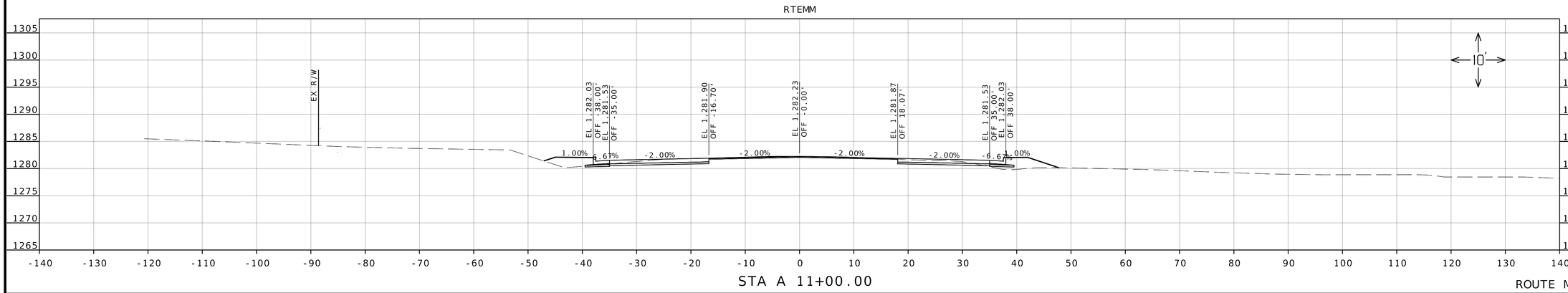
STA A 12+00.00

RTEMM



STA A 11+50.00

RTEMM



STA A 11+00.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	52

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

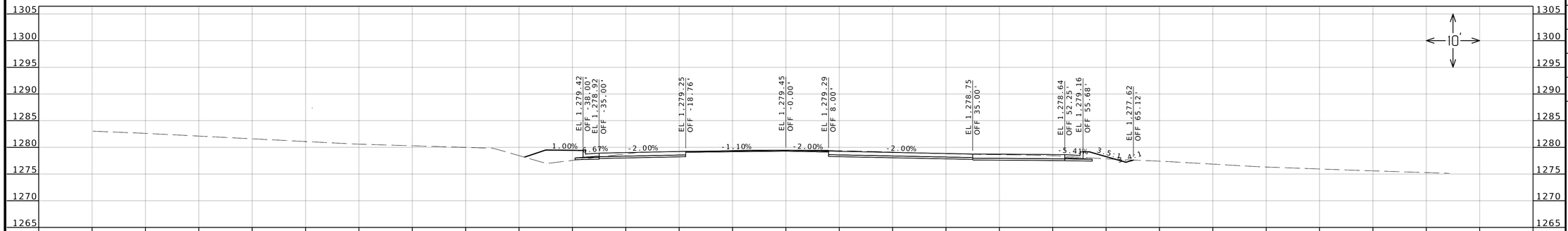
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MoDOT

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

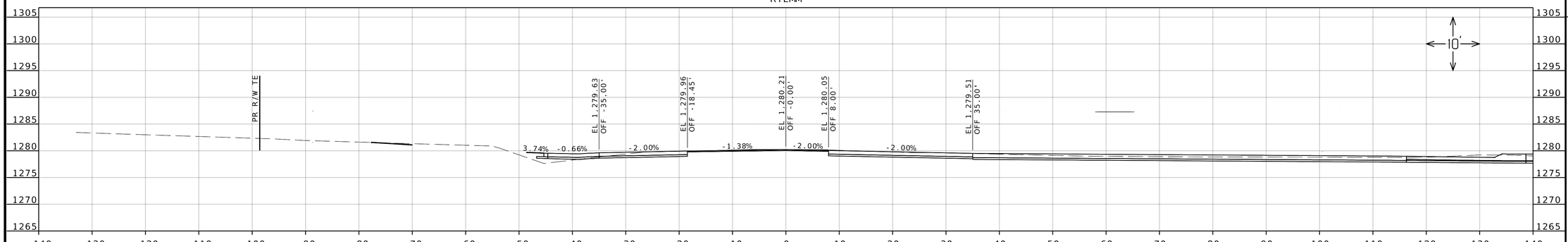
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RTEMM



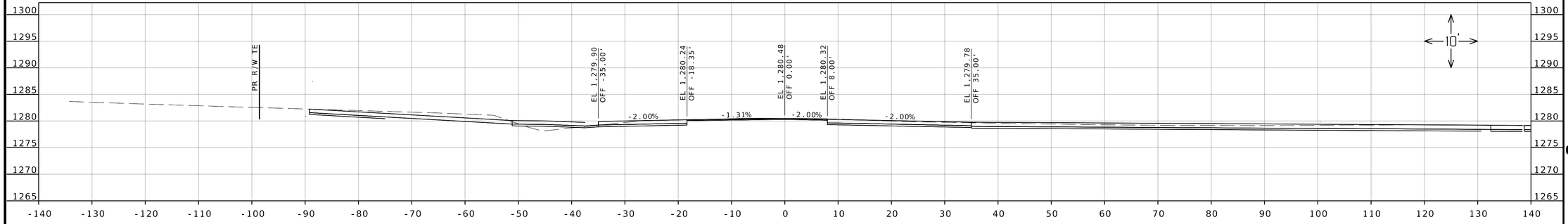
STA A 13+00.00

RTEMM



STA A 12+50.00

RTEMM



STA A 12+30.57

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	53

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

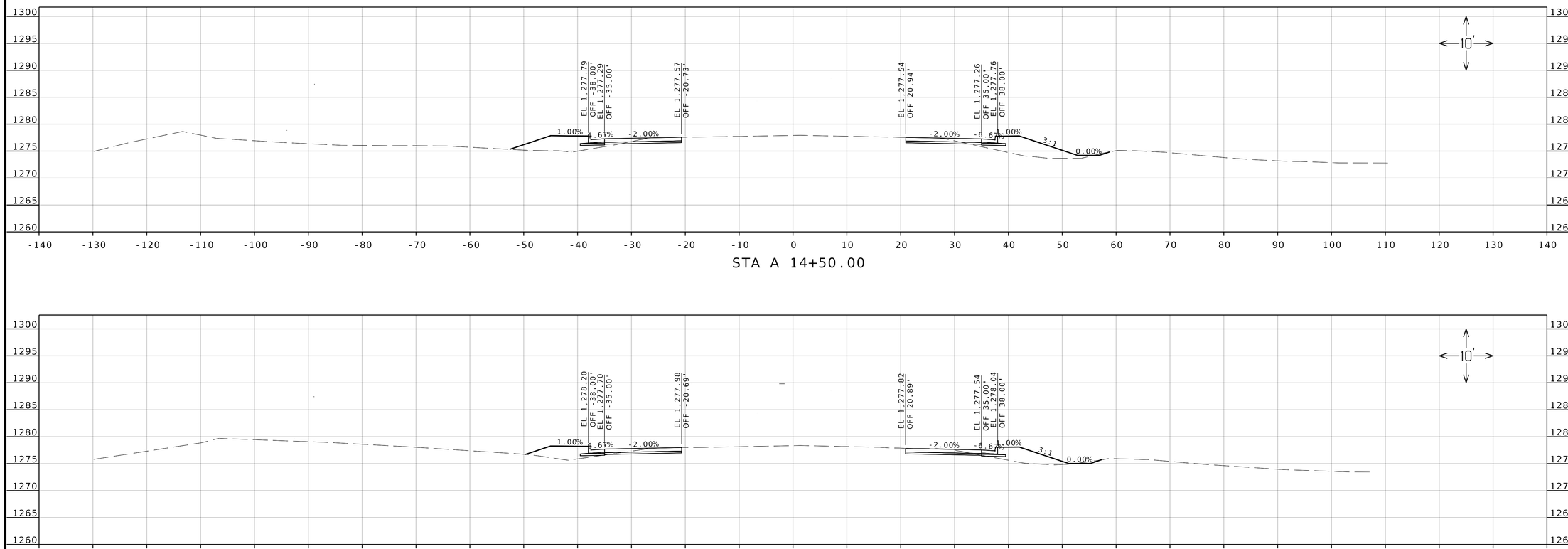
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

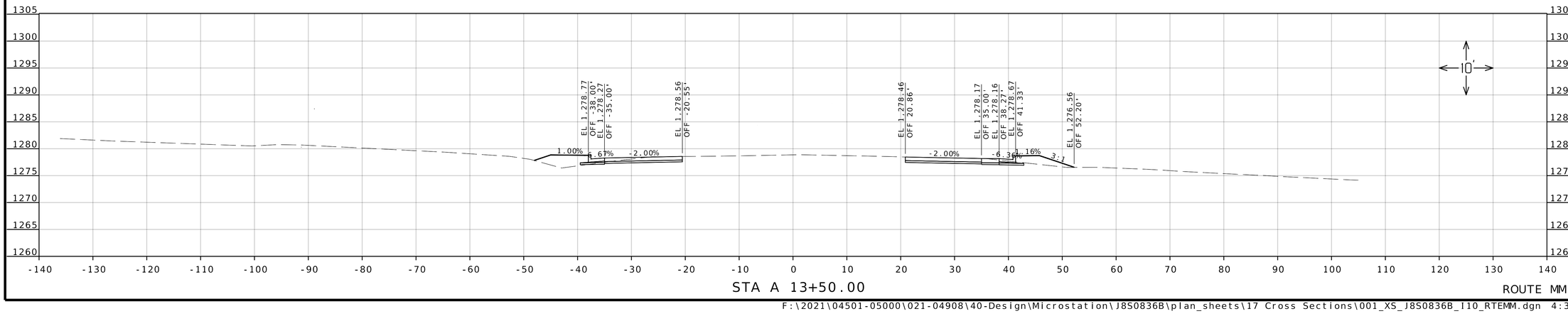
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592

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STA A 14+50.00

STA A 14+00.00



STA A 13+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	54

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

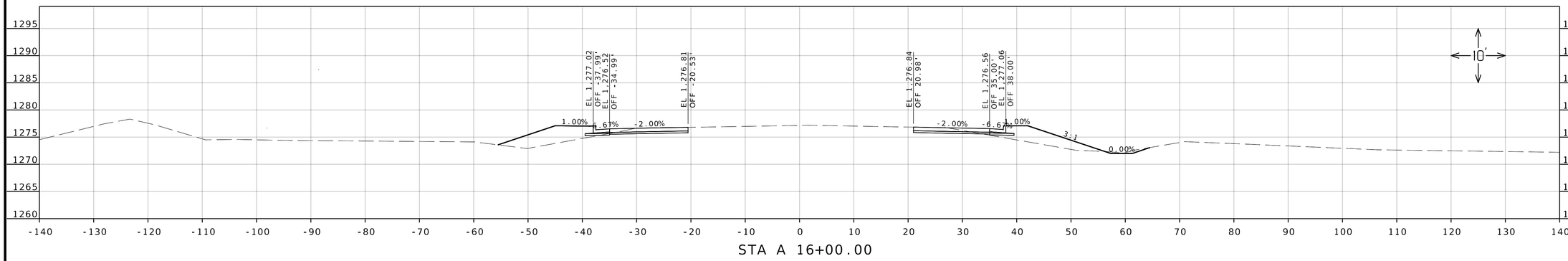
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

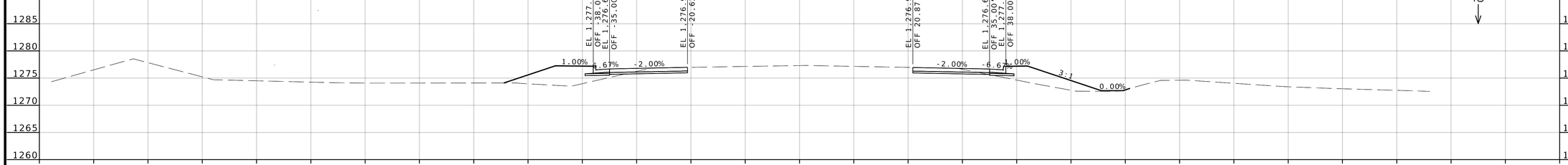
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

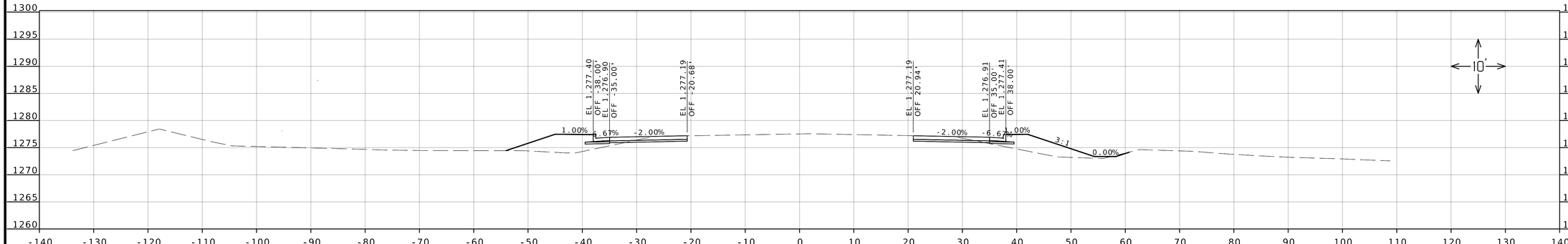
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STA A 16+00.00



STA A 15+50.00



STA A 15+00.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	55

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

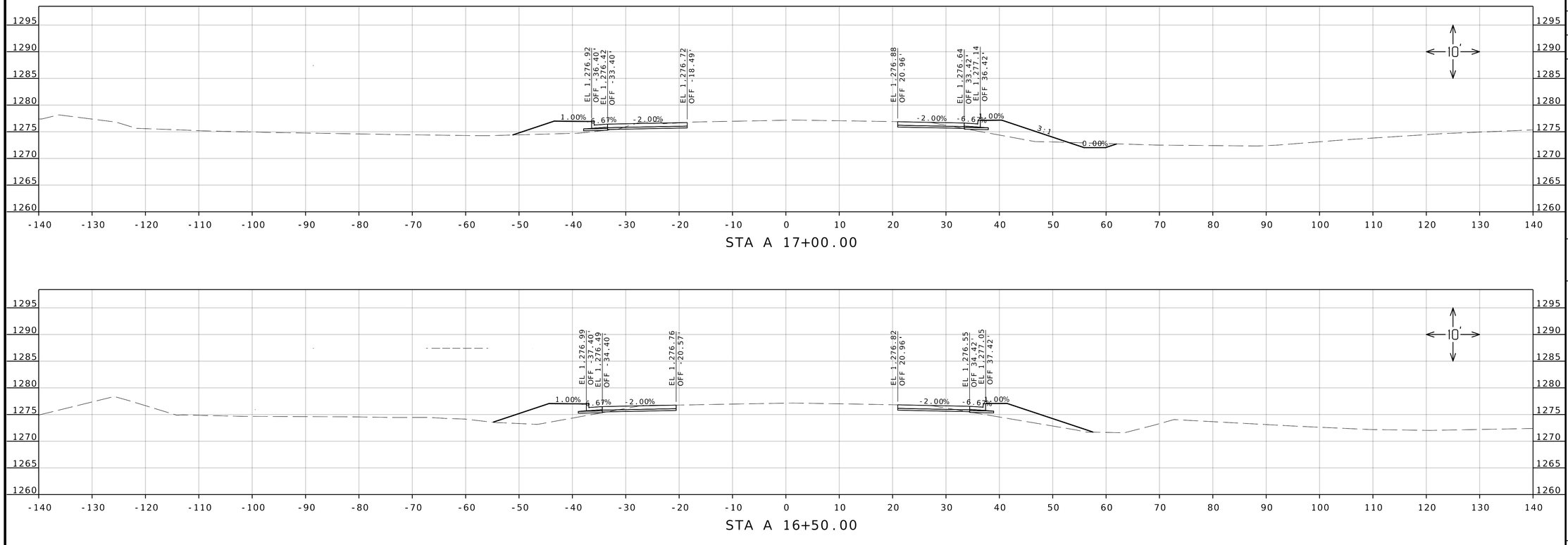
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	56

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

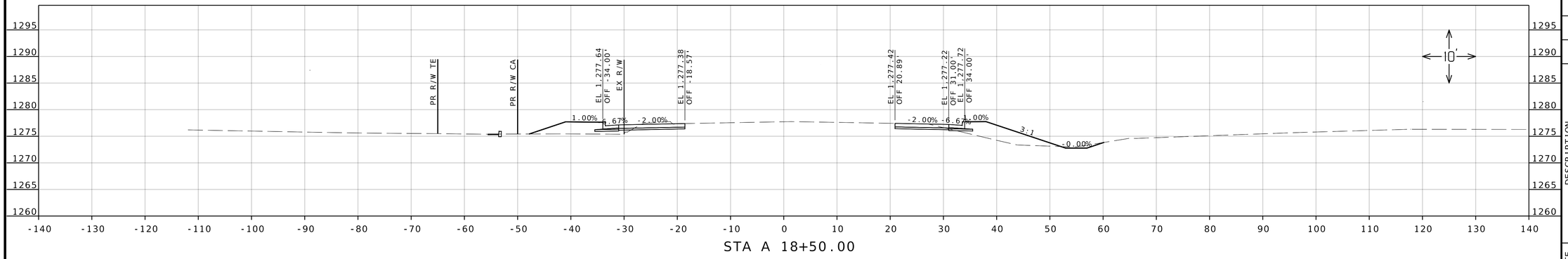
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

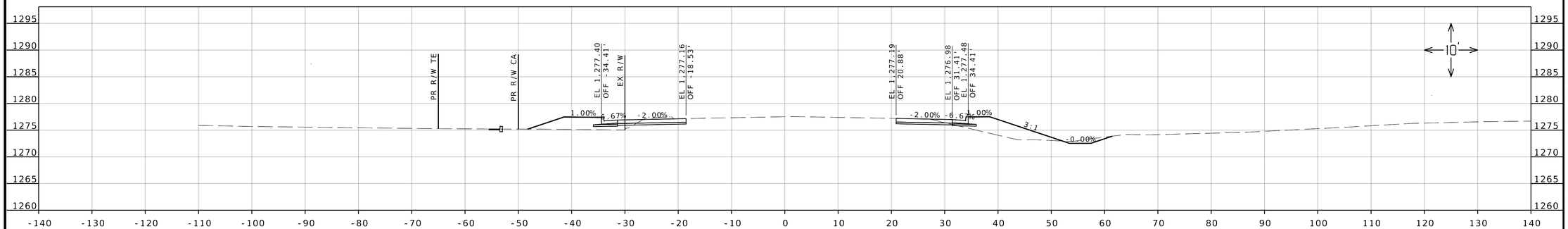
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

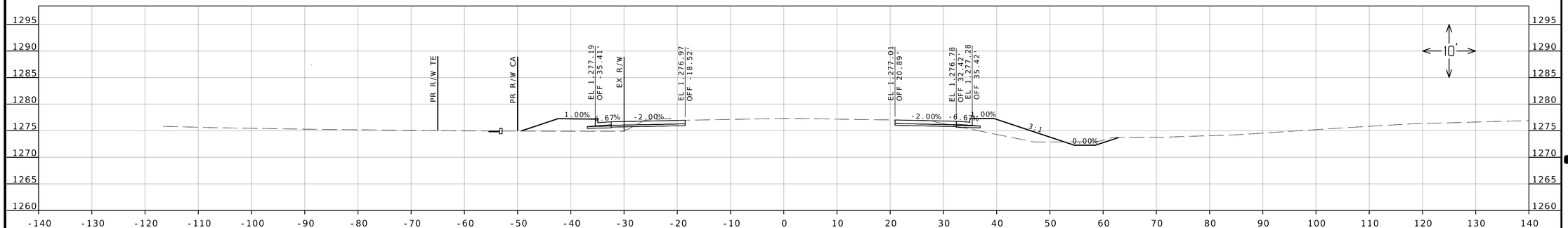
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



STA A 18+50.00



STA A 18+00.00



STA A 17+50.00

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	57

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

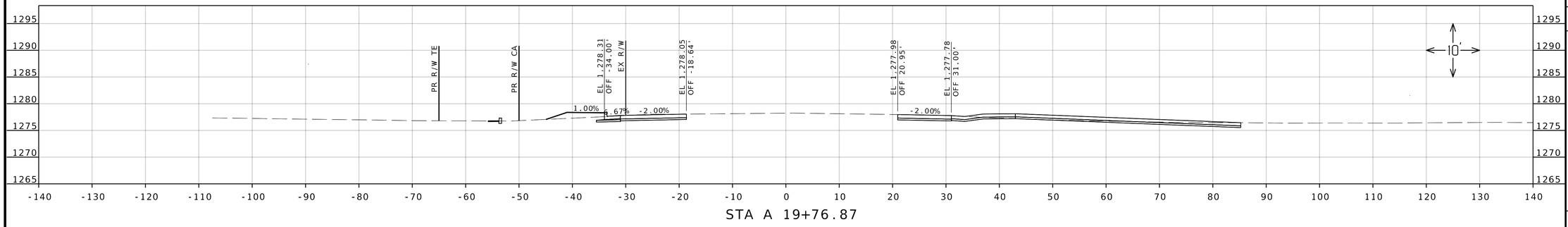
DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

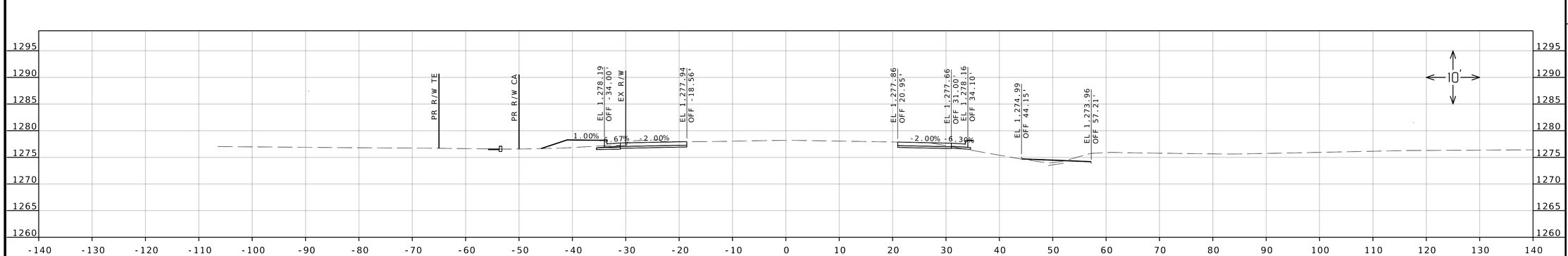
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

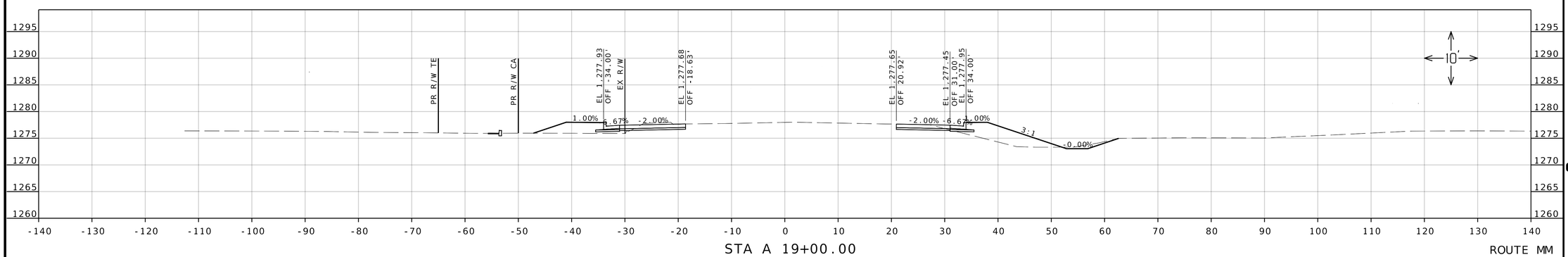
olsson
550 ST. LOUIS STREET
SPRINGFIELD, MO 65806
CERTIFICATE OF
AUTHORITY NO. 001592



STA A 19+76.87



STA A 19+50.00



STA A 19+00.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	58

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

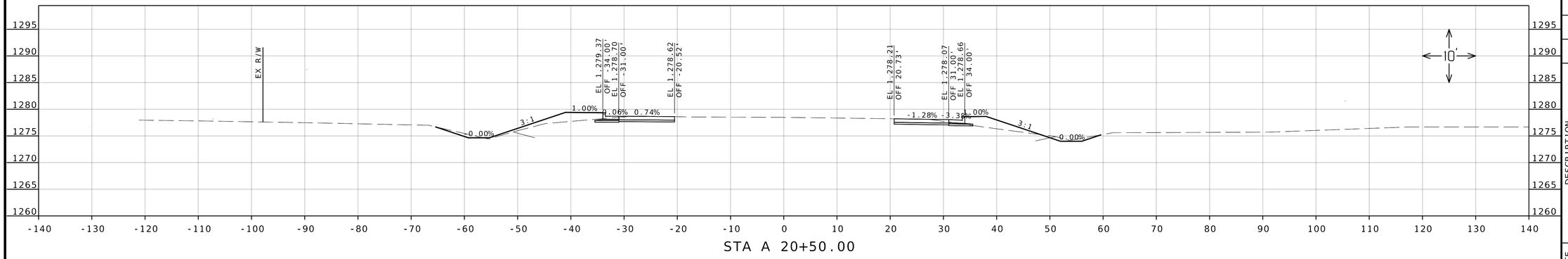
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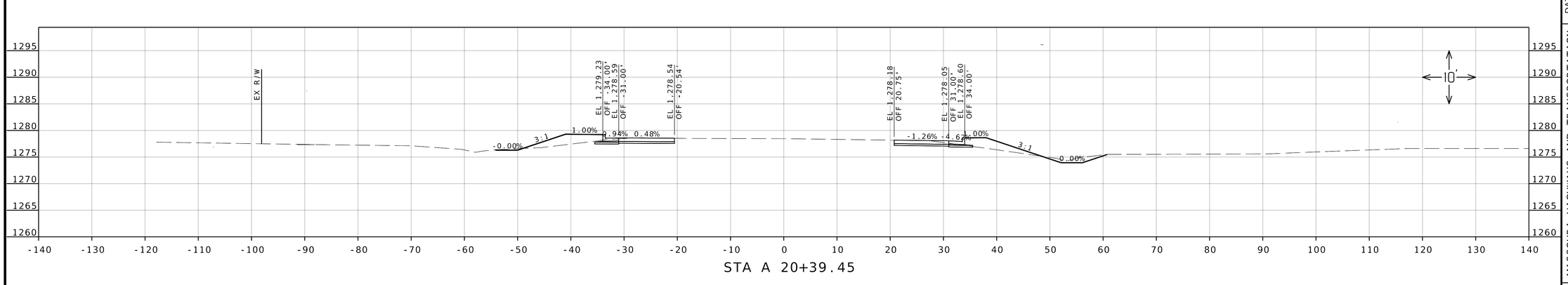
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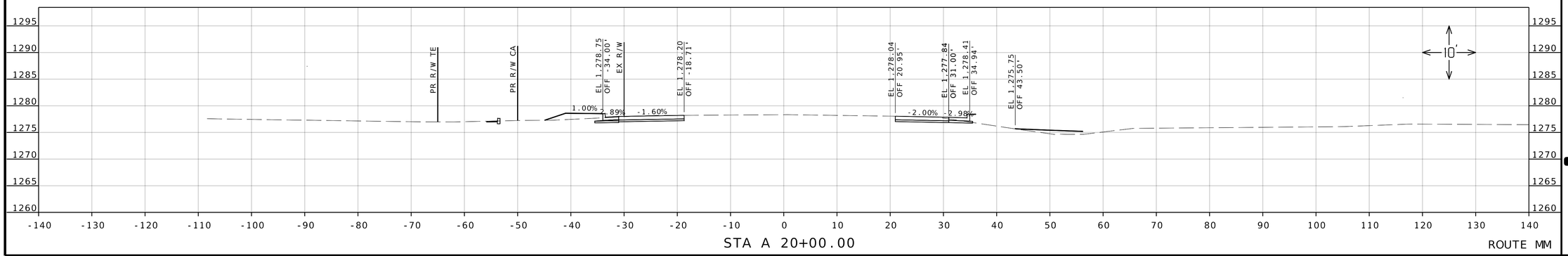
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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







ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	59

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

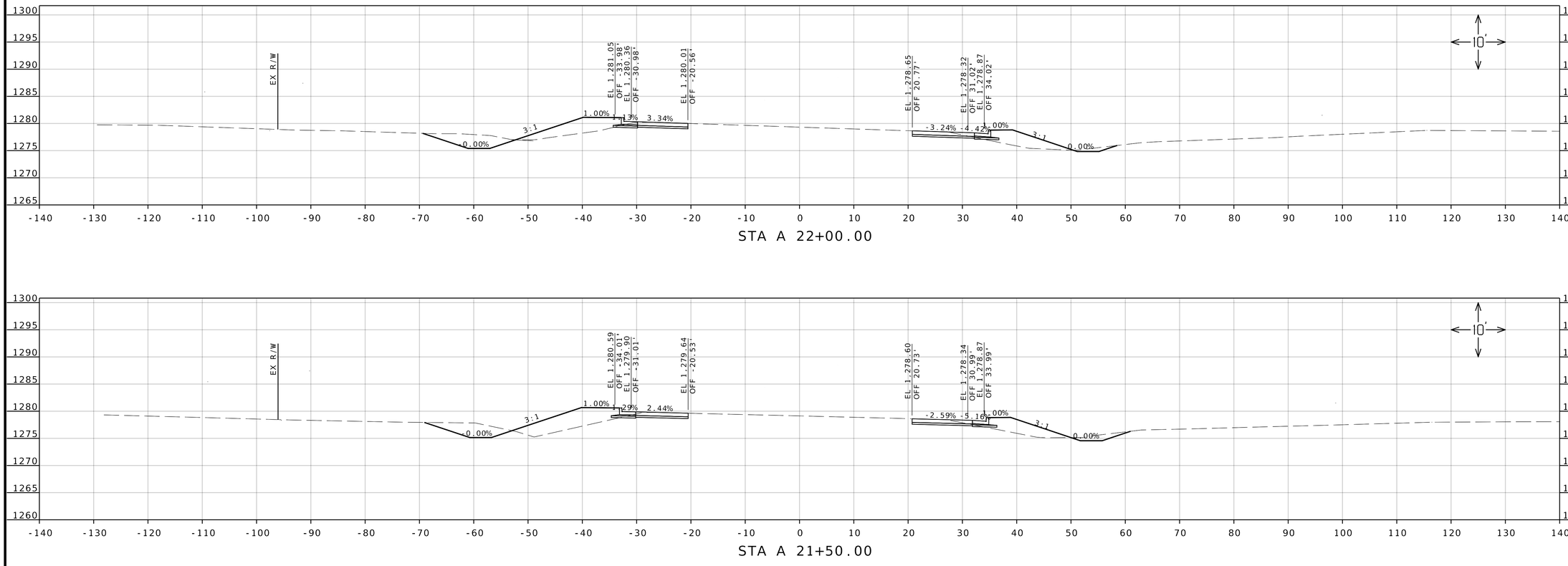
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO

DISTRICT	SHEET NO.
SW	60

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

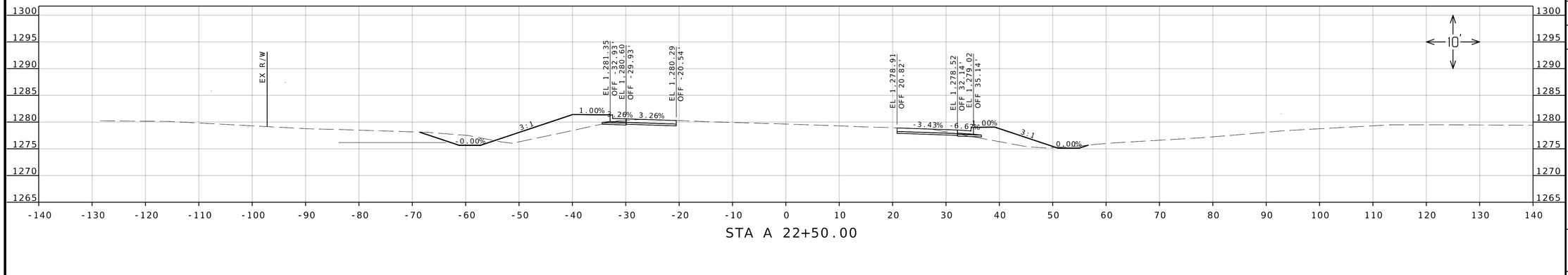
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

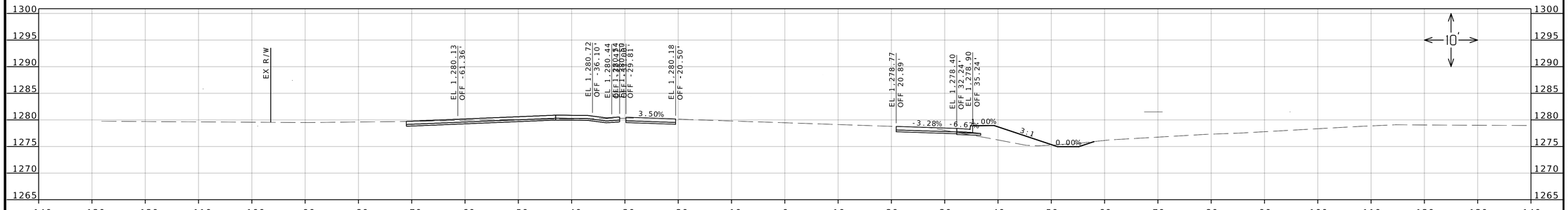
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

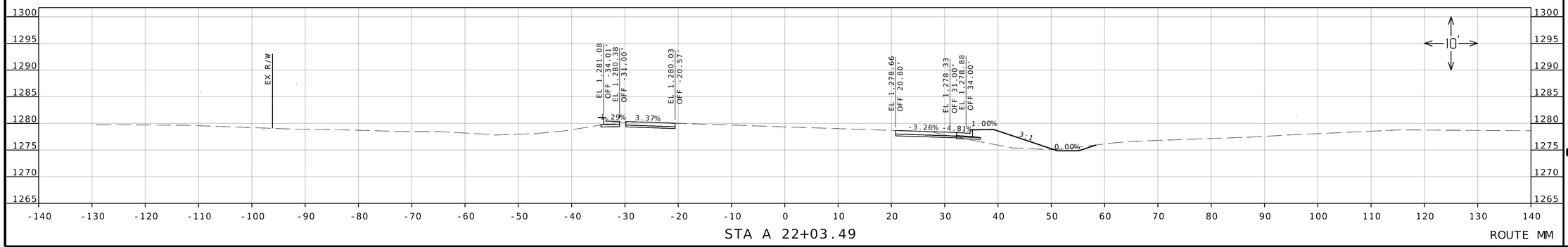
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STA A 22+50.00



STA A 22+22.87



STA A 22+03.49

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	61

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

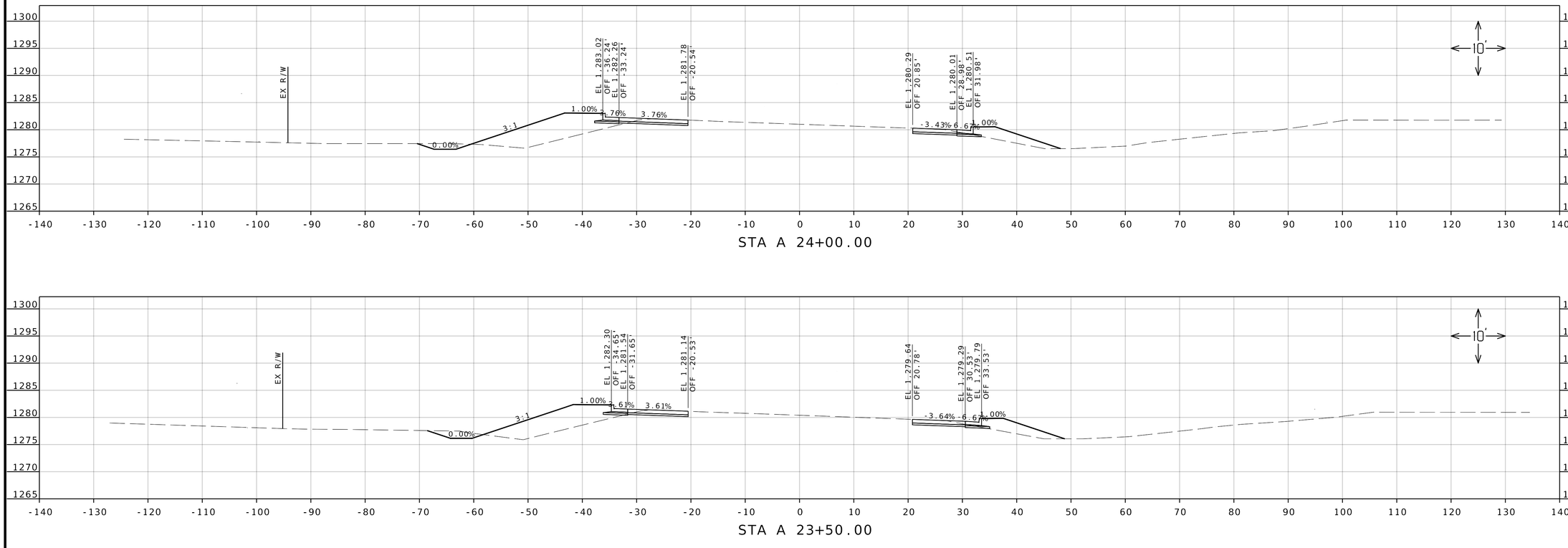
BRIDGE NO.

DESCRIPTION	DATE

IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

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



PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	62

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

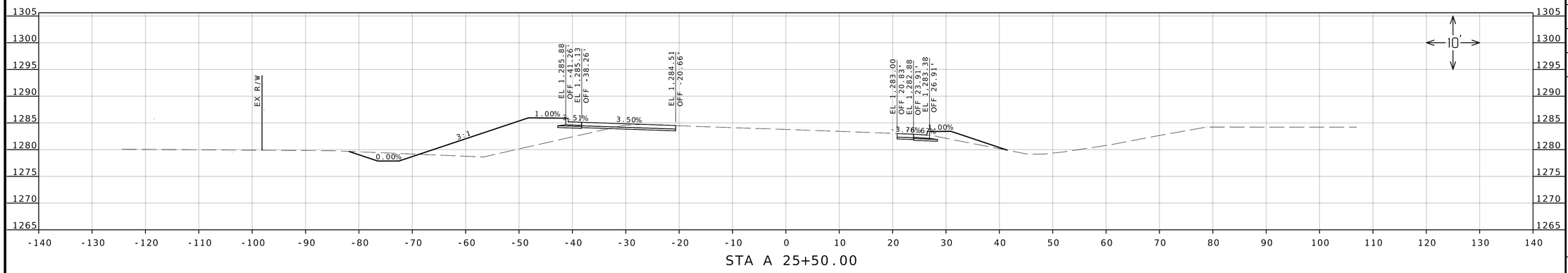
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

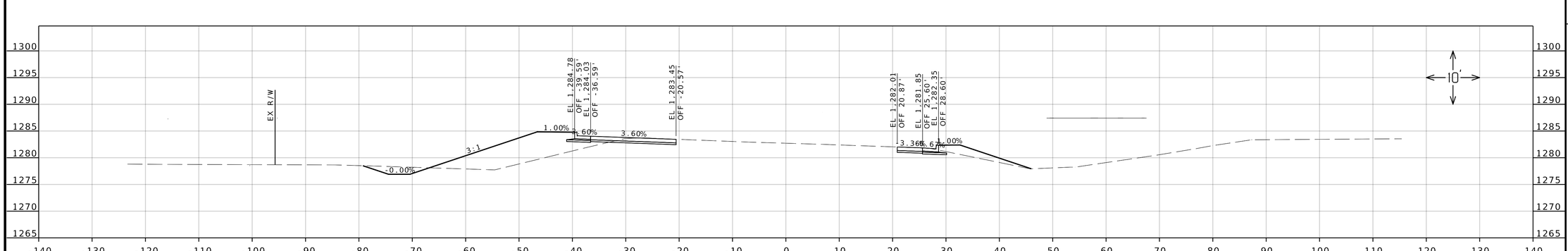
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

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

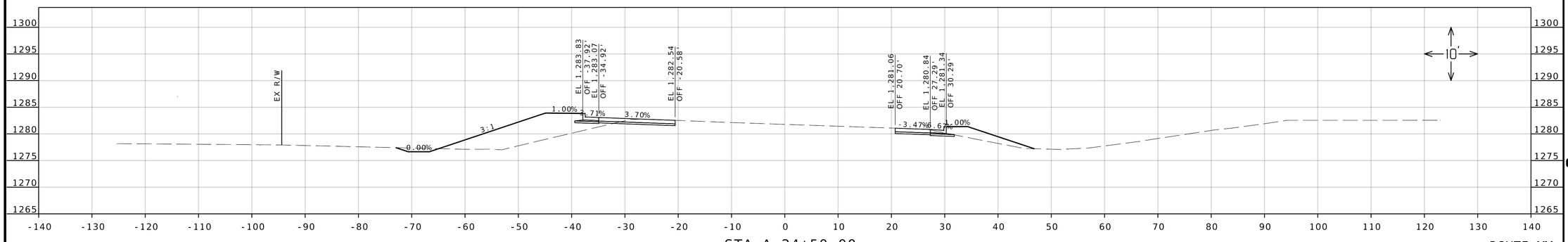
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STA A 25+50.00



STA A 25+00.00



STA A 24+50.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	63

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

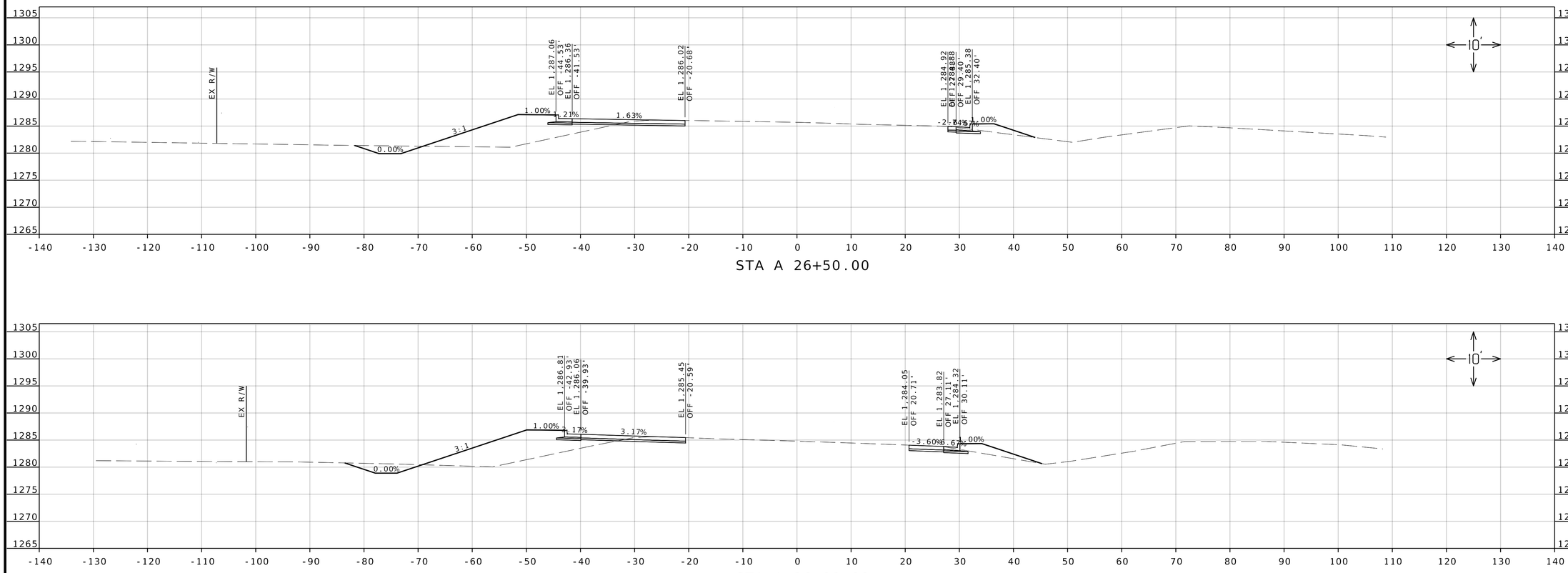
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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

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PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	64

COUNTY
GREENE

JOB NO.
J8S0836B

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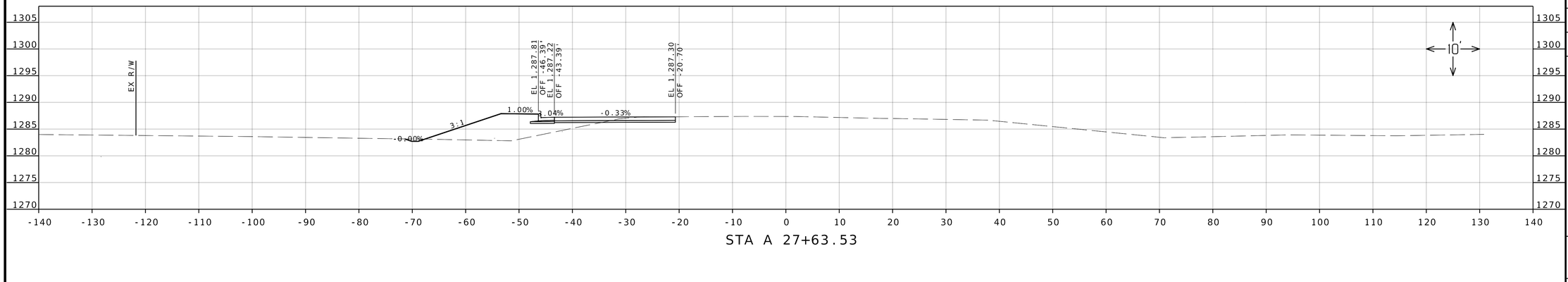
BRIDGE NO.

DESCRIPTION	DATE

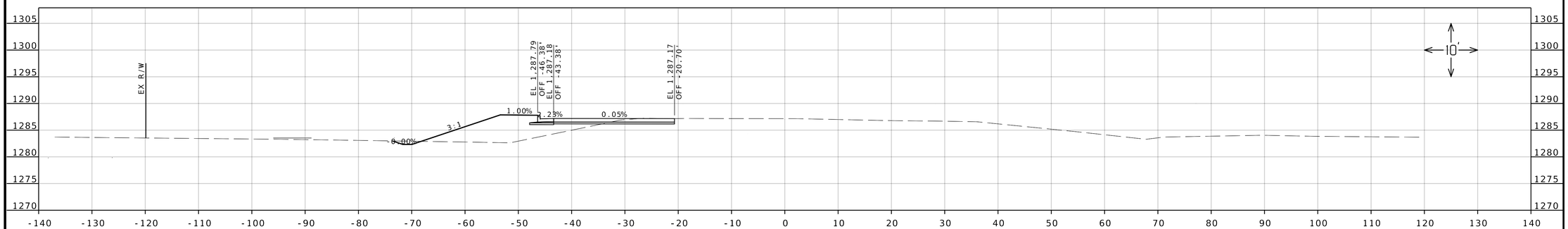
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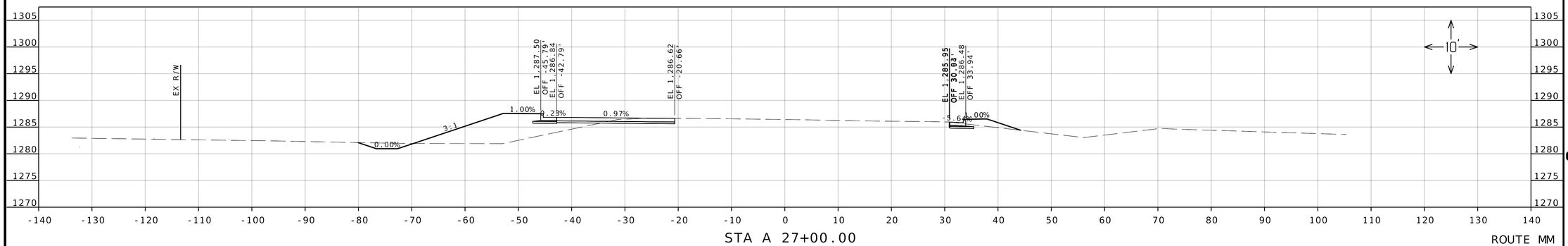
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STA A 27+63.53



STA A 27+50.00



STA A 27+00.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	65

COUNTY
GREENE

JOB NO.
J8S0836B

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

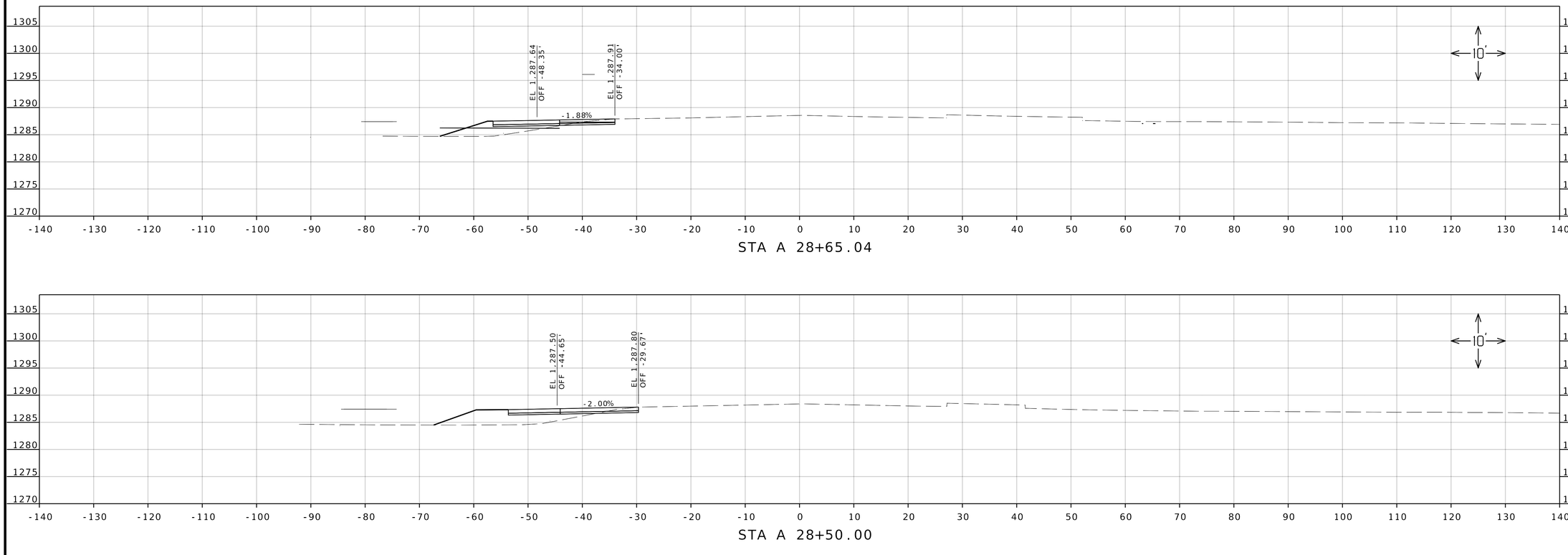
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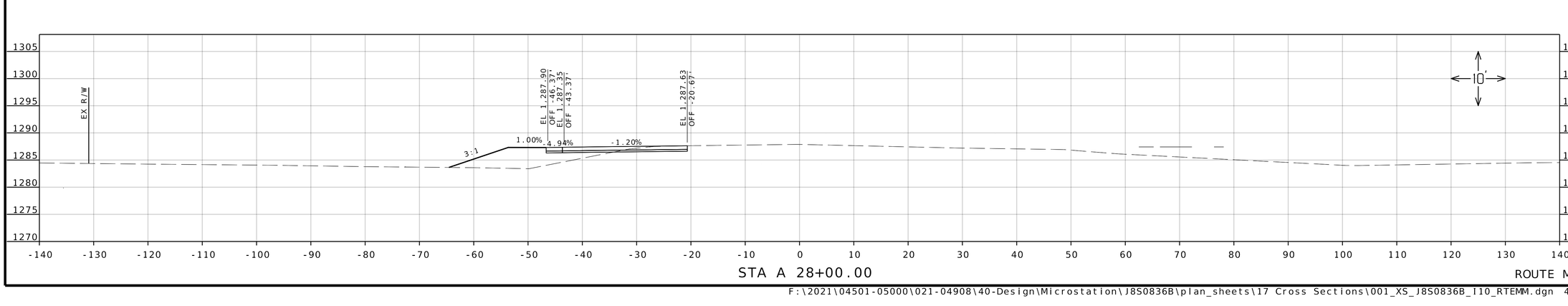
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STA A 28+65.04

STA A 28+50.00



STA A 28+00.00

ROUTE MM

PRELIMINARY PLANS NOT FOR CONSTRUCTION

DATE PREPARED
12/10/2024

ROUTE	STATE
MM	MO
DISTRICT	SHEET NO.
SW	66

COUNTY
GREENE

JOB NO.
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PROJECT NO.

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Request for Environmental Services
Form#:2024-12-00467

☐ Alternative Project Delivery Method (such as Design/Build)

Project Information

Stage:	Preliminary Plans			Previous RES(s):	2022-02-00657
Job Number (w/o 'J'):	8S0836B	District:	Southwest	County:	GREENE
TIP Number:				Rte/Street:	RT MM
Letting Date:	05/01/2025			PS&E Due Date:	02/23/2025
Location:	Add lanes on Brookline Avenue from I-44 to Rte. 360 (James River Freeway) in Republic.				
TMS Project Description - termini (no stations):	Add lanes on Brookline Avenue from I-44 to Rte. 360 (James River Freeway) in Republic.				

These users will receive a notification when Environmental Services completes the current stage, the person who created this form as well as the person who submits it will also receive notification.

Project Manager:	Bud Sherman - 417-895-7690	TP Designer:	Sharon Needham - 417-829-8038
District Contact:	Orren Ricketts - 417-895-7673	District Contact:	None selected
Contact:	None selected		
Date Desired:	01/06/2024	Submit Date:	12/07/2023
Desired A-Date:	10/01/2022		
Created By:	Bud Sherman - (12/7/2023 5:31:10 AM) - 417-895-7690	Submitted By:	Bud Sherman - (12/7/2023 12:00:00 AM) - 417-895-7690

Program Year:

Preliminary Engineering:	2023	Right of Way:	2024
Construction:	2025		

Has the district documented that each location of the project has: 1. Independent utility, 2. Logical termini, and 3. Does not restrict consideration of alternatives for other reasonably foreseeable transportation improvements?: ◉ Yes ○ No

Changes to project since last RES submittal? If yes, explain: Yes, More concise scope of 5-lane corridor, development of slope lines and r/w lines estimate. See attached preliminary plans for more information. Traffic control will be staged with no full closures of existing routes. Access management report attached for more explanation of project. Noise study has been completed and report attached. Letting date will be set for Fall 2024 in combination with 8S0836D.

☐ Design/Build ☐ Alternate Technical Concepts

Cumulative ROW and Easements of all locations (acres): 13.1

Bicycle / Pedestrian Consideration

Pedestrian facilities considered:	Yes	Bicycle facilities considered:	Yes

Traffic Impacts For Locations

Detour > 25 mi rural (including local roads):

Locations	Answers
17820	No

Detour > 5 mi urban (including local roads, census defined urban):

Locations	Answers
17820	No

Any Public Involvement planned or completed:

Impacted property owners have been notified by City of Republic. Public meeting has been held on February 28, 2022 with the City of Republic and OTO. No comments received that require response.

Project Attachments:

NOTE: If making updates to an attachment, please use a different filename than the original.
The combined size of attachments in one upload must be less than 100MB

Attachments:

- ✖J8S0836B_Access Management Report.pdf
- ✖J8S0836B Noise Study Report - Final.pdf
- ✖ 2023.05.19_J8S0836B_Preliminary_Plans.pdf

Required Information to be attached for each RES stage:

- ***Loc/Concp.:*** *Location map (county map) & topographic map or aerial photo showing project limits – pre-plan sheets or other preliminary maps showing alternatives, if available*
- ***Prel. Plan:*** *Prel. Plan sheets*
- ***R/W:*** *R/W Plan sheets*
- ***Final Design:*** *Final Plans [Location map (county map) & topographic map or aerial photo showing project limits if this is first RES submittal*

Locations for this Request

Location Information

Location Name:		Previous Location:	8279 -
Describe RES project improvements in full detail:	The Location & Project Description stated above are incorrect....This project's limits will start on the northside of I-44 and end on the northside of James River Freeway (MO-360) in Republic This project involves 5-laning Rte MM and is related to project J8S0836 - the relocation of Route MM south of James River Freeway.		
Project breakout from previous or larger project?	*If checked explain:* Associated with J8S0836		
Stage:	Preliminary Plans	County:	GREENE
TMS Project Description - termini (no stations):	Add lanes on Brookline Avenue from I-44 to Rte. 360 (James River Freeway) in Republic.		

Acres - From all sources (e.g. donated from public or private entities):

Additional R/W (acres):	9.9	**Temp Easement (acres):**	1.8	**Permanent Easement (acres):**	1.4

State Funding used for ROW Acquisition below $500K: ○ Yes ○ No

ROW may be needed, but, not yet determined: Yes

Acres of Tree Clearing: .5 acres

DO NOT CLEAR TREES W/O MODOT'S PRIOR WRITTEN APPROVAL.

Is ANY Federally-owned land impacted by the project: ○ Yes ◉ No

Land Disturbance / Stormwater:

Will project involve 1 acre of land disturbance: ◉ Yes ○ No ○ Unknown

Projects with one acre or greater land disturbance activities must comply with the Land Disturbance Permit requirements.

Define project type (see definitions below): ○ New Development ◉ Redevelopment ○ Maintenance

New Development - Projects (with land disturbance greater than or equal to 1 acre) that are constructed where there was previously no transportation facility.
Redevelopment - Non-maintenance work performed to or on an existing public transportation facility which provides for an increased number of thru lanes of travel unless the work can be accomodated without increasing the width of the existing pavement. Widening of an existing road that does not result in an additional thru lane does not constitute redevelopment. Widening to add shoulders does not constitute a thru lane unless the total widening is greater than or equal to 10 feet.
Maintenance - Projects that do not meet the criteria of redevelopment or new development.

Was coordination with local counties or cities conducted? ○ Yes ◉ No

If yes, please provide a short description of the coordination:

Number of Displacements(do not include partial takes that do not displace):

Residential: ◉ Yes ○ No

Commercial: ○ Yes ◉ No

No. of People: 8? Residences: 4

No. of Employees: Businesses:

Average Daily Traffic:

ADT Construction Year: 10,064 - 2-way 2021

ADT Design Year:

Traffic Impacts:

Road Closure Planned: ○ Yes ◉ No

Bridge Closure Planned: ○ Yes ◉ No

Days/Months Closed:

Detour > 25 mi rural (including local roads) ○ Yes ◉ No

Detour > 5 mi urban (including local roads, census defined urban) ○ Yes ◉ No

Detour Info (including use of local roads): If necessary, James River Freeway (MO 360) and I-44 can provide a detour.

National Flood Insurance Program (NFIP) and Hydraulic Design Data:

☐ Project involves land purchased through FEMA Hazard Mitigation Grant Program (Flood buyout property)

If checked, give details:

☑ Is highway improvement located within 4 miles of an existing airport?

Please note that **the District** is responsible for obtaining the necessary permits for the project. See the following Airport Link

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Known Concerns: Provide information you have about these resources that you have observed in the area.

Parkland:	There is a small playground at the Brookline First Baptist Church on the east side of Rte MM just north of James River Freeway
Wetland/404 Permit:	none
Land Disturbance / Stormwater:	none
Farmland:	Outside of city limits. There is farmland in the area.
Threatened & Endangered Species:	unknown
Migratory Birds: Are there birds nesting on the structure?	Unknown,
Hazardous Waste:	unknown
Cultural Resources:	unknown
District Comments:	This project is related to J8S0836

Location Attachments:

NOTE: If making updates to an attachment, please use a different filename than the original.
The combined size of attachments in one upload must be less than 100MB

Attachments:

Required Information to be attached for each RES stage:

- ***Loc/Concp.:*** *Location map (county map) & topographic map or aerial photo showing project limits – pre-plan sheets or other preliminary maps showing alternatives, if available*
- ***Prel. Plan:*** *Prel. Plan sheets*
- ***R/W:*** *R/W Plan sheets*
- ***Final Design:*** *Final Plans [Location map (county map) & topographic map or aerial photo showing project limits if this is first RES submittal*

RES Environmental Screenings

Farmland Impact

Status Information: Status Changed By: Jo Dent | Clearance Date: 12/19/2023

○ N/A ○ Pending ◉ Cleared

Environmental Response: UPDATE 12/19/2023 - NRCS responded that the site contains prime, unique, or statewide important farmland. The environmental specialist completed Parts VI and VII and submitted the completed form to NRCS. The site received less than 160 points. Therefore, the site does not need to be given further consideration for protection and no additional sites need to be evaluated. UPDATE: 12/15/23 - The environmental specialist will submit farmland documentation to NRCS for review and response. INITIAL RESPONSE: (Brandon Baumhoer) New ROW and easements associated with this project will require a farmland impact rating from NRCS.

Environmental Action: UPDATE: 12/15/23 -The environmental specialist will submit documentation to NRCS for review and response. IINITIAL RESPONSE: Complete Farmland Impact Rating once ROW and easement numbers are refined.

District Action: None

Commitments: None

Attachments:

✖Greene MM 8S0836B NRCS CPA-106 Form_12.19.23.pdf

☑ Farmland Impact Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: Samantha Sawyer - 12/19/2023 3:23:37 PM

Floodplain/Regulatory Floodway

Status Information: Status Changed By: Jo Dent | Clearance Date:

◉ N/A ○ Pending ○ Cleared

Environmental Response: Based on the attached FEMA Firmette maps, there are no areas of 100-year floodplain or regulatory floodway in the project limits. Floodplain permitting is not required.

Environmental Action: None

District Action: None

Commitments: None

Attachments:

✖FEMA Firmette Map_Southern project limits.pdf

✖FEMA Firmette Map_Mid project area.pdf

✖FEMA Firmette Map_Northern project limits.pdf

☑ Floodplain/Regulatory Floodway Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: Jo Dent - 12/15/2023 12:25:26 PM

Land Disturbance / Stormwater

Status Information: Status Changed By: Hannah Phelps, Caleb Knerr | Clearance Date:

◉ N/A ○ Pending ○ Cleared

Environmental Response: According to a 2/18/2021 and 2/22/2022 and 12/13/2023 review of MoDOT's MS4 Urban Areas ArcGIS layer, the project is outside the TS4. (This applies regardless of land disturbance acreage).

Environmental Action: None

District Action: None

Commitments:

TS4 Area: ○ Yes ◉ No ○ Partial

Is the project in a TMDL watershed? ○ Yes ◉ No

Attachments:

☑ Land Disturbance / Stormwater Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: Hannah Phelps - 12/13/2023 1:56:58 PM

FEMA/SEMA Buyout

Status Information:	Status Changed By: Jo Dent	Clearance Date: (◉ N/A ○ Pending ○ Cleared)
Environmental Response:	12/15/23 - Based on a review of ArcMap GIS FEMA buyout layers, there are no buyout sites anywhere near the project area. The project will not result in development on any FEMA buyout sites. The FEMA Buyout Sites Map is attached.	
Environmental Action:	None	
District Action:	None	
Commitments:	None	
Attachments:	✖FEMA Buyout Sites Map.pdf	

☑ FEMA/SEMA Buyout Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: Jo Dent - 12/15/2023 12:38:12 PM

Socioeconomic Impact

Status Information:	Status Changed By: Caitie Wiechman	Comment Date: (○ N/A ○ Pending ◉ Cleared)
Environmental Response:	UPDATE (2/15/23): It was determined that no residential or commercial displacements will be required for this project. Additionally, the road will remain open to the public during project construction. Traffic control will be staged with no full closures of existing routes. There are no significant socioeconomic impacts associated with this project. Impacts will be temporary and limited to traffic disruptions, construction noise, and fugitive dust and emissions in the area of project construction. UPDATE (2/09/2023): Bud Sherman informed the environmental specialist that no further public meetings will be held for this project. UPDATE (5/02/2022): The Southwest District posted project information at the following website, which lists the project timeline for the Route MM/ZZ Corridor, project displays and maps, and an overview of each individual section of the project. https://www.modot.org/greene-county-route-mmzz-corridor On February 28, 2022, the district held a come-and-go style public meeting. This meeting was held from 6-8 p.m. at the Republic Community Center, Rooms A and B (711 E. Miller Rd., Republic, MO). The public meeting did not conduct a formal presentation, but visitors were encouraged to engage with MoDOT and ask questions related to the project. The project location map, alternatives, and the proposed improvements were displayed during this public meeting. A two-week public comment period was offered from February 28 – March 11, 2021. Individuals wishing to provide comments were able to submit them by email, an online form from the public meeting website, or mailed to the Southwest District Office. MoDOT received a total of six email comments about the project. Primary concerns from the public include current and potential flooding impacts, roadway congestion due to road closures, access for emergency personnel during construction, limited community access due to road closures, and concerns over the complexity of the proposed roundabout at the new Route MM and Roue ZZ intersection. Overall, the majority of the concerns related to or were about the railroad crossings at Farm Road 93 and Farm Road 170. MoDOT responded that both railroad crossings are still under evaluation to determine the potential traffic impacts associated with closing the road. Currently, it is a possibility that the railroad crossing at Farm Road 93 will be able to remain open due to the built-in safety features, like J-turns and signalization. However, the railroad crossing at Farm Road 170 will require a closure because of safety concerns regarding possible encroachment or backup onto Route MM. To address the congestion concerns, MoDOT has determined that the new roundabout will be the best option to help prevent congestion, especially during weekday mornings and afternoons when school traffic is at peak volumes. INITIAL SCREENING: The project will require two residential displacements and does require new right of way, temporary easements, and permanent easements that are subject to the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended. At this time, a road closure is not anticipated during project construction. However, James River Freeway (MO 360) and I-44 can provide a detour, if necessary. Impacted property owners will be notified by letter soon. Public will be engaged through public meetings and feedback will be incorporated into improvements. Additional information about the displacements, road closure, and public involvement will be require to continue to assess socioeconomic impacts.	
Environmental Action:	COMPLETE: Continue to assess impacts when more information the residential displacements, if a road closure will be required, and the remaining details about public involvement is known.	
District Action:	None	
Commitments:	The district will provide sufficient public notice of construction work and traffic management plans consistent with MoDOT's public involvement policy and procedures.	
Attachments:		

☑ Socioeconomic Impact Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: Caitlin Wiechman - 12/21/2023 8:35:03 AM

Threatened & Endangered Species

Status Information:	Status Changed By:		Clearance Date:
	Hannah Phelps, Caleb Knerr	○ No Effect ○ Pending ◉ Cleared	07/25/2022

Environmental Response: Consultation Code: 03E14000-2021-SLI-0898 February 18, 2021; Code: 2022-0011211, February 22, 2022 Endangered Species Act Species List: Ozark Cavefish; Gray, Indiana, and Northern Long-eared bats, Monarch butterfly (candidate) UPDATE: Project Code: 2024-0026327, December 13, 2023 Endangered Species Act Species List: Gray Bat (Endangered), Indiana Bat (Endangered), Northern long-eared bat (endangered), Tricolored bat (proposed endangered), Ozark cavefish (threatened), Monarch butterfly (candidate) Findings below are based on a review of the Mo Natural Heritage Database (NHD) (June 2023), and MO Speleological Survey (MSS) Database (February 2022) using ArcMap, and Google Earth. Ozark cavefish are found in cave streams and springs and are affected by inputs to groundwater. This project is not within known recharge area for this species and the closest record for this species is 3 miles east of the project area (PFAFF Cave, GRN129). There will be no impacts to caves from this project. This project will have no effect on Ozark cavefish. Gray bats are cave obligate species which congregate in maternity or bachelor colonies in the summer utilizing dome cave and mine habitat, and during winter hibernation in vertical or pit-type caves and mines, utilizing mainly stream corridors for foraging spring through fall. A review of the MSS shows no caves in the project area. The project will not impact any known caves. Review of the MDC Heritage Database (updated June 2023) and MSS Cave Database (updated February 2022) show no records for bats near the project location (gray bats >4.5 miles to the south at McElhaney Cave, GRN334. There are several caves 3 miles away from the project area, but there are no bat records associated with these caves. There will be no impacts to foraging habitat. This project will have no effect on gray bats. Indiana and NLEB hibernate in caves during winter and roost in forested habitat in summer where they use trees with suitable characteristics (cracks, crevices, peeling bark) for roosting. The listed bat species use forested riparian corridors for foraging and travel, and they occasionally use bridges for roosting. Review of the MDC Heritage Database (updated June 2023) and MSS Cave Database (February 2022) show no records for bats near the project location (northern long eared at > 10.5 miles to the east at Sequiota Cave, GRN001). There are several caves 3 miles of the project area, but there are no bat records associated with these caves. This project will require tree clearing. However, there will be no impacts to caves. Based on the project limits attached to the RES, all clearing is < 100' from roadway. This project will fall under programmatic informal consultation for Indiana and northern long-eared bats with winter tree clearing of suitable roost trees (pending field visit). UPDATE per NLAA concurrence letter: This project may affect but is not likely to adversely affect the Indiana bat and northern long eared bat. Tri-colored bats were proposed for listing as endangered in Sep 2022. They mainly roost in foliage of live and dead trees in the spring, summer, and fall, and hibernate in caves and other subterranean habitats during the winter. These bats can occasionally be found roosting on bridges and in culverts. Given the extreme losses from white-nose syndrome and impacts of wind industry related mortality, loss of roosting, foraging, and commuting habitat between summer and winter, resource removal can have a large impact depending on timing, location, and extent of removal. The nearest tricolored bat record is 6.6 air miles away. There will be no impacts to caves. This project will require tree clearing. Based on the project limits attached to the RES, all clearing is < 100' from roadway. This project will not jeopardize tricolored bats. Update: Field check on 6-22-2022 showed bat trees in the project area (see KMZ). PA informal consultation completed on 7/11/2022 and 14-day clearance given on 7/25/2022. Bat trees will need to be removed in the winter month. JSP confirmed on 7/27/2022.

Environmental Action: None

District Action: None

Commitments: Remove trees during the winter per JSP.

Attachments:

- ✖PRE-PRE-Official_Species_List_8S0836B.pdf
- ✖PRE-Official_Species_List_8S0836B_update.pdf
- ✖PRE-JSP_Tree_Clearing_Restriction_Dates1.doc
- ✖PRE-NLAA Concurrence Verification Letter_8S0836B.pdf
- ✖PRE-Bat Trees.kmz

☑ Threatened & Endangered Species Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: Hannah Phelps - 12/13/2023 2:26:06 PM

Migratory Birds

Status Information: Status Changed By: Hannah Phelps, Caleb Knerr | Clearance Date: (N/A) (Pending) (Cleared)

Environmental Response: According to a 12/13/2023 review of TMS bridge data layer on ArcGIS, there are no structures within the project limits that could have nesting migratory birds. This project will have no impact on nesting migratory birds.

Environmental Action: None

District Action: None

Commitments:

Attachments:

Migratory Birds Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: Hannah Phelps - 12/13/2023 2:05:26 PM

Hazardous Waste Impact

Status Information: Status Changed By: Ethan Musick | Clearance Date: (N/A) (Pending) (Cleared)

Environmental Response: The site location was reviewed utilizing the MDNR Interactive E-Start Map. The map contains information about the following types of sites: Superfund sites, Federal Facilities sites, Resource Conservation and Recovery Act Corrective Action sites, Brownfields/Voluntary Cleanup Program sites, Brownfield Assessments, and Petroleum and Hazardous Substance Storage Tank Facilities. No such sites were found within the project area. The potential to encounter wastes from sites unknown to MoDOT should always be a consideration. Any previously unknown sites that are found during project construction will be handled in accordance with Federal and State Laws and Regulations.

Environmental Action: None

District Action: If a hazardous waste site is encountered during the project, contact Ethan Musick, Hazardous Waste Specialist at (573) 508-6907.

Commitments:

Attachments:

Hazardous Waste Impact Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: Ethan Musick - 12/21/2023 3:51:16 PM

Wetland Impact (Section 404/401)

Status Information: Status Changed By: Hannah Phelps, Caleb Knerr | Clearance Date: (N/A) (Pending) (Cleared)

Environmental Response: On 2/19/2021 and 2/22/2022 and 12/13/2023, MoDOT Environmental staff reviewed ArcGIS USFWS NWI maps; Google Earth aerial imagery and Streetview; and USGS 24K topographic maps (Brookline Quadrangle). According to a review of these resources, the roadway improvement project does not cross any mapped blue-line intermittent stream. There is one ephemeral drainage (not mapped blue line stream) that does not exhibit any characteristics of a jurisdictional stream according to a desktop review. There are some mapped NWI scrub shrub wetlands (PSS1C) near the north end of the project 86' outside of the project limits (SE quadrant of I-44/MM interchange). They are visible on Google Earth aerial imagery but are not adjacent to the roadway or project limits. According to information provided by district, they plan to widen the existing roadway to 5 lanes; however, these improvements will not encroach on the wetland areas. Based on this information, there will be no wetland or stream impacts from this project. No 404-permit required.

Environmental Action: None

District Action: None

Commitments:

Wetland Permit Information:

404 Permit Number	Permit Submitted	Permit Received
Permit Expiration	Compliance Certification Sent	Compliance Certification Received

Attachments:

Wetland Impact Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: Hannah Phelps - 12/13/2023 2:31:01 PM

Noise Impact

Status Information:	Status Changed By: Matt Burcham	○ N/A ○ Pending ◉ Cleared	Clearance Date: 12/27/2023

Environmental Response: UPDATE: Noise study report completed. Because of the addition of interior through lanes, this project qualifies as a Type I Project and therefore requires a noise analysis for potential abatement measures. All areas of the project that included areas considered “Noise Sensitive” by the FHWA Noise Abatement Criteria Table were considered for noise abatement. The study area was relatively small, so the entire project was analyzed as a single Noise-Sensitive Area (NSA). The NSA had receivers impacted by noise and were considered for noise abatement measures. However, noise abatement measures were not considered feasible due to all impacted properties having direct driveway access to Route MM. UPDATE: noise study consultant reports preliminary indications that no noise wall would be feasible or reasonable along this part of the corridor. A noise study report is in progress. INITIAL: This project’s improvements of adding capacity, two lanes in each direction, do meet the criteria of a Type I project, which will require a noise analysis. Given the rural nature and scattered noise sensitive receptors in the corridor, there should be few impacts and very little likelihood noise walls would be required.

Environmental Action: Assist with hiring an on-call consultant to conduct a Noise study.

District Action: Assist as needed.

Commitments: Since there are residences in the construction area, the typical construction noise commitment related to normal working hours and equipment muffler compliance should be made.

Attachments:

☑ Noise Impact Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: Matthew Burcham - 12/27/2023 12:15:32 PM

Cultural Resources Impact (Section 106/Historic 4f)

Section 106 Status:

(•) Pending ( ) Cleared ( ) ROW Cleared

Status Changed By:
Laura Reed

Section 106 SHPO Submittal Date:

A Date Cleared:

Clearance Date:

Project Specific Agreement Document: ( ) N/A ( ) PA ( ) MOA

Select Programmatic Agreements Used:

First Choice: -- Select Programmatic Agreement Used --

Second Choice: -- Select Programmatic Agreement Used --

Third Choice: -- Select Programmatic Agreement Used --

Build Environment Response:

Reviewer:

Review completed for Build Environment ☐

Archaeological Response:

Reviewer:

Review completed for Archaeology ☐

Environmental Action: Update 12/28/2023: Project is no longer cleared because of the additional of ROW and easements. Update 3/22/2023: The architectural portion of the survey has received a SHPO concurrence letter dated 3/20/2023. That along with the archaeological portion that was previously cleared on 9/28/2022, this project now has concurrence. Update 11/7/2022: The cultural resources survey has been completed. The archaeological portion was submitted to the SHPO and received a concurrence letter dated 9/28/2022. The architectural portion will be submitted soon. The project is not clear, but that status will be updated once the architectural portion has been submitted and the SHPO response received. Based on the information provided, this project will require a Section 106 submittal. Landowner permission will be needed for a survey to be scheduled. There is one previously recorded archaeological site within the corridor at the Route 360 intersection.

District Action:

Commitments:

Attachments:

✖PRE-J8P3144 J8S0836 J8S3238 Eastern Shawnee No Adverse Effect.pdf

✖PRE-Delaware Tribe of Indians Lenape No Impact - Pass and Defer J8I3191 J8I3044 J8S0836-J8S0836B.pdf

✖PRE-Section 106 tribal notification MoDOT Job SU0054, Greene County,

Route ZZ.pdf

☐ Adverse Effect or Conditional No Adverse Effect

☐ Based on the review of the project location and description noted above, there are no identified historic 4(f) resources affected that would preclude the setting of an A-date.

Checked by: on de minimis Approved on:

☑ Cultural Resources Impact Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: reedl2 - 12/28/2023 1:14:53 PM

Public Land Impact (Section 4f/6f)

Status Information: Status Changed By: Caitie Wiechman ◉ N/A ○ Pending ○ Cleared Clearance Date:

Environmental Response: According to Google Earth imagery and ArcMap GIS Public land layers, there are no Section 4(f) or Section 6(f) resources located in the immediate vicinity of the project area. The project will not result in a use to any Section 4(f) properties and no conversion of any Section 6(f) lands.

Environmental Action: None

District Action: None

Commitments: None

Attachments:

☑ Based on the review of the project location and description noted above, there are no identified 4(f) or 6(f) resources affected that would preclude the setting of an A-date.

Checked by: Caitie Wiechman on 12/21/2023

☑ Public Land Impact Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: Caitlin Wiechman - 12/21/2023 8:34:10 AM

Other

Status Information: ◉ N/A ○ Pending ○ Cleared Clearance Date:

Environmental Response: The project is within 4 miles of Springfield Branson Regional Airport an existing public use facility. There are no additional resource impacts associated with this project.

District Action: https://oeaaa.faa.gov/oeaaa/external/gisTools/gisAction.jsp?action=showNoNoticeRequiredToolForm. After entering improvement information into the FAA tool, filing information will be determined with one of two outcomes: (1) the improvement will need to be filed with the FAA, or (2) the improvement does not meet the FAA's filing requirement and no further action is required. Ensure documentation is uploaded to e-Projects. none

Commitments:

Attachments:

☑ Other Screening Submitted - *Mark submitted when this review is ready to be sent to district staff.*

Last Updated: Brittany Rogers - 12/7/2023 9:22:03 AM

All Commitments

Endangered Species: Remove trees during the winter per JSP.

FEMABuyout: None

Farmland Impact: None

Floodplain: None

Noise Impact: Since there are residences in the construction area, the typical construction noise commitment related to normal working hours and equipment muffler compliance should be made.

Public Land Impact: None

Socioeconomic Impact: The district will provide sufficient public notice of construction work and traffic management plans consistent with MoDOT's public involvement policy and procedures.

NEPA Classification

NEPA Right-Of-Way Permission:	Pending	as determined or approved by:	
NEPA Approval/Proceed to A-date Request:		Re-evaluation Date:	
		Final Review Complete:	
NEPA Classification:	CE2		
This project qualifies for the programmatic categorical exclusion under Item#:		All Environmental Issues Cleared:	
Commitments and/or Comments to District:	CE2 expected. JRF to 44 is a CE2 and JRF to ZZ is separate CE2. Mark Sowers will be the NEPA author for the CE2. A Programmatic Categorical Exclusion (PCE) NEPA classification is anticipated for this proposed project. The NEPA approval date will be given once Cultural Resources section is cleared.		
Attach NEPA File(s):	Choose File No file chosen *Attachments will be saved when you click the save button*	**Attachments:**	

Last Submitted: Unsubmitted