DESIGN DESIGNATION

I-44 E/O MO125

A.A.D.T. - 2024 = 36243

A.A.D.T. - 2044 = 40221

T = 35%

V = 70 M.P.H.

D = 50%

FUNCTIONAL CLASSIFICATION - INTERSTATE

NO NEW RIGHT OF WAY REQUIRED

NO TEMPORARY CONSTRUCTION EASEMENTS REQUIRED

CONVENTIONAL SYMBOLS

(USED IN PLANS)

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

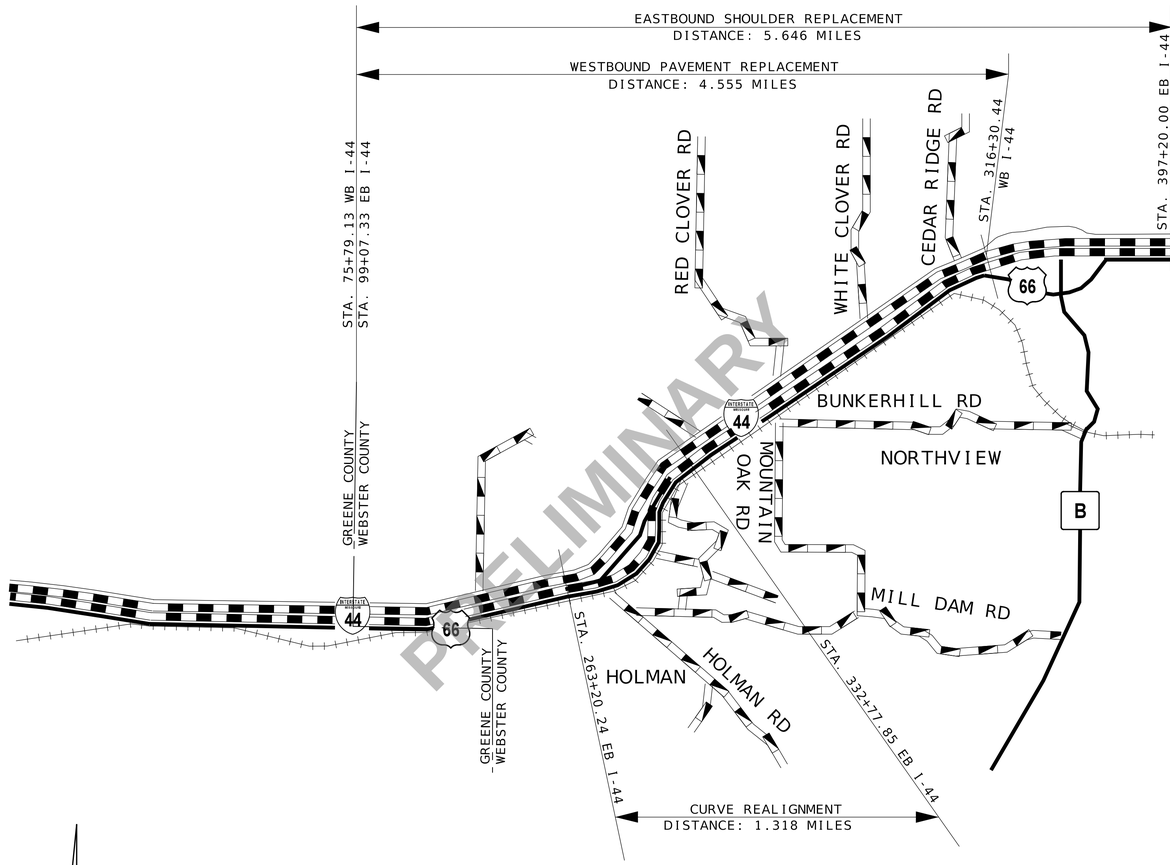
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

PAVEMENT REPLACEMENT & CURVE REALIGNMENT WEBSTER COUNTY





NOT TO SCALE

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 (2 SHEETS)	1
TYPICAL SECTIONS (TS) (10 SHEETS)	2
QUANTITIES (QU) (8 SHEETS)	3
PLAN-PROFILE (PP)	4-26
REFERENCE POINTS (RP)	27-30
COORDINATE POINTS (CP)	31-33
SPECIAL SHEETS (SS)	34-46
TRAFFIC CONTROL SHEETS (TC)	47-80
EROSION CONTROL SHEETS (EC)	81-102
LIGHTING (LT)(11 SHEETS)	103-113
COMMUNICATIONS(CO)(7 SHEETS)	113A-113G
SIGNING (SN)	114-146
PAVEMENT MARKING (PM)	147-155
CULVERT SECTIONS (CS)	156-166
CROSS SECTIONS (XS) (WB PAVEMENT REPLACEMENT)	1-90
CROSS SECTIONS (XS) (EB PAVEMENT REPLACEMENT)	1-115
CROSS SECTIONS (XS) (CURVE REALIGNMENT)	1-55
CROSS SECTIONS (XS) (RTE. B DECEL LANE)	1-9
CROSS SECTIONS (XS) (RTE. 38 DECEL LANE)	1-10
CROSS SECTIONS (XS) (SAMPSON ROAD DECEL LANE)	1-9
CROSS SECTIONS (XS) (WB CONWAY DECEL LANE)	1-9
CROSS SECTIONS (XS) (EB CONWAY DECEL LANE)	1-8
CROSS SECTIONS (XS) (CURVE REALIGNMENT CROSSOVER)	1-12
CROSS SECTIONS (XS) (PAVEMENT REPLACEMENT CROSSOVER)	1-8
CROSS SECTIONS (XS) (BYPASS CONNECTION)	1-20
CROSS SECTIONS (XS) (BYPASS CONNECTION)	1-27

LENGTH OF PROJECT

PAVEMENT REPLACEMENT (I-44 WB)

BEGINNING OF PROJECT	STA. 75+79.13
END OF PROJECT	STA. 316+30.44
APPARENT LENGTH	24,051.31 FEET
EQUATIONS AND EXCEPTIONS:	NONE
TOTAL CORRECTIONS	0.000 FEET
NET LENGTH OF PROJECT	24,051.31 FEET
STATE LENGTH	4.555 MILES

SHOULDER REPLACEMENT (I-44 EB)

BEGINNING OF PROJECT	STA. 99+07.33
END OF PROJECT	STA. 397+20.00
APPARENT LENGTH	29,812.67 FEET
EQUATIONS AND EXCEPTIONS:	NONE
TOTAL CORRECTIONS	0.000 FEET
NET LENGTH OF PROJECT	29,812.67 FEET
STATE LENGTH	5.646 MILES

CURVE REALIGNMENT (I-44 EB)

BEGINNING OF PROJECT	STA. 263 + 20.24
END OF PROJECT	STA. 332 + 77.85
APPARENT LENGTH	6,957.61 FEET
EQUATIONS AND EXCEPTIONS:	NONE
TOTAL CORRECTIONS	0.00 FEET
NET LENGTH OF PROJECT	6,957.61 FEET
STATE LENGTH	1.318 MILES

TITLE SHEET 1 OF 2

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE I-44 | STATE MO

DISTRICT SW | SHEET NO. 1

COUNTY WEBSTER

JOB NO. J7I3010

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

MoDOT

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

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY DECELERATION LANES WEBSTER COUNTY

DESIGN DESIGNATION

RP I44W TO RT B
- A.A.D.T. - 2024 = 649
- A.A.D.T. - 2044 = 717
- T = 10%
- V = 70 M.P.H.
- D = NA

FUNCTIONAL CLASSIFICATION - INTERSTATE

RP I44E TO MO 38
- A.A.D.T. - 2024 = 6310
- A.A.D.T. - 2044 = 6972
- T = 18%
- V = 70 M.P.H.
- D = NA

FUNCTIONAL CLASSIFICATION - INTERSTATE

RP I44E TO SAMPSON RD
- A.A.D.T. - 2024 = 274
- A.A.D.T. - 2044 = 303
- T = 27%
- V = 70 M.P.H.
- D = NA

FUNCTIONAL CLASSIFICATION - INTERSTATE

RP I44E/W TO CONWAY REST AREA
- A.A.D.T. - 2024 = 1814
- A.A.D.T. - 2044 = 2004
- T = 58%
- V = 70 M.P.H.
- D = 50%

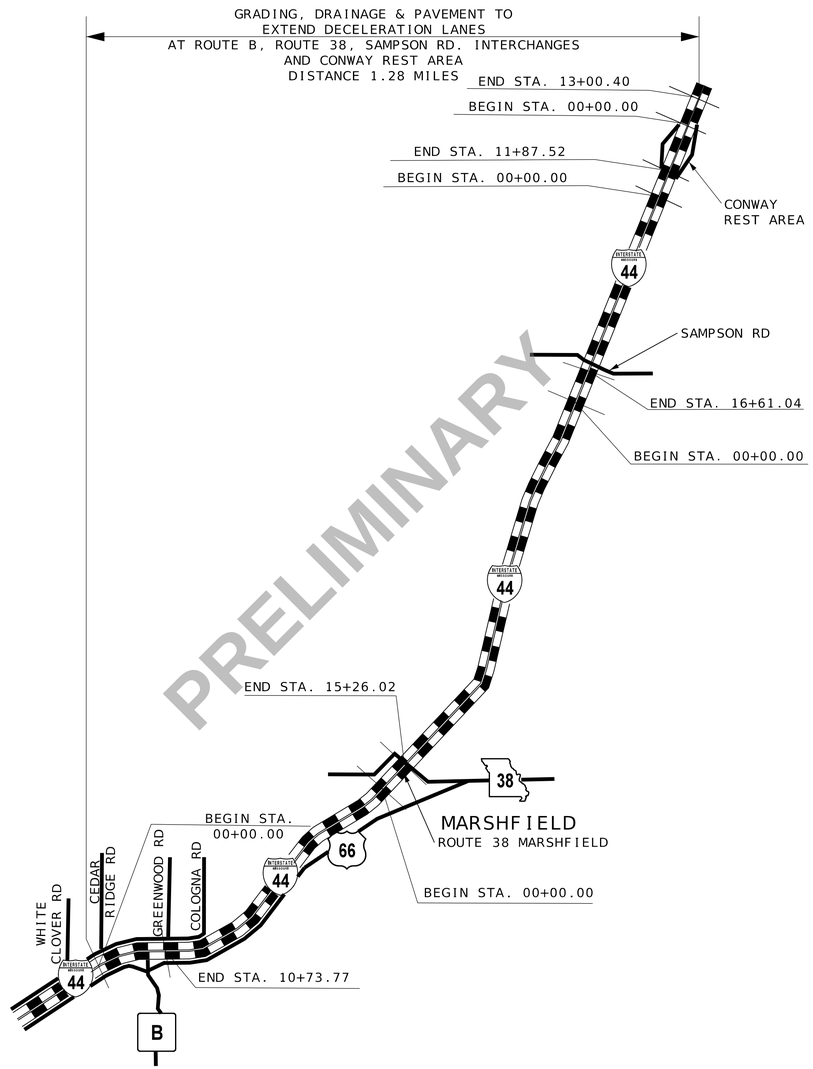
FUNCTIONAL CLASSIFICATION - INTERSTATE

CONVENTIONAL SYMBOLS
(USED IN PLANS)

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

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES





NOT TO SCALE

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.

SEE TITLE SHEET
1 OF 2 FOR INDEX

NO NEW RIGHT OF WAY REQUIRED

NO TEMPORARY CONSTRUCTION EASEMENTS REQUIRED

LENGTH OF PROJECT

DECELERATION LANES (I-44)

CONWAY REST AREA (I-44 EB)

BEGINNING OF PROJECT	STA. 00 + 00.00	
END OF PROJECT	STA. 11+87.52	
APPARENT LENGTH	1187.52	FEET
EQUATIONS AND EXCEPTIONS:	NONE	

CONWAY REST AREA (I-44 WB)

BEGINNING OF PROJECT	STA. 00 + 00.00	
END OF PROJECT	STA. 13+00.40	
APPARENT LENGTH	1300.00	FEET
EQUATIONS AND EXCEPTIONS:	NONE	

RTE 38 (I-44 EB EXIT RAMP)

BEGINNING OF PROJECT	STA. 00 + 00.00	
END OF PROJECT	STA. 15 + 26.02	
APPARENT LENGTH	1526.02	FEET
EQUATIONS AND EXCEPTIONS:	NONE	

SAMPSON RD (I-44 EB EXIT RAMP)

BEGINNING OF PROJECT	STA. 00 + 00.00	
END OF PROJECT	STA. 16 + 61.04	
APPARENT LENGTH	1660.75	FEET
EQUATIONS AND EXCEPTIONS:	NONE	

ROUTE B (I-44 WB EXIT RAMP)

BEGINNING OF PROJECT	STA. 00 + 00.00	
END OF PROJECT	STA. 10+73.77	
APPARENT LENGTH	1073.77	FEET
EQUATIONS AND EXCEPTIONS:	NONE	
TOTAL CORRECTIONS	0.00	FEET
NET LENGTH OF PROJECT	6748.06	FEET
STATE LENGTH	1.28	MILES

TITLE SHEET 2 OF 2

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED	3/18/2024
ROUTE	I-44
STATE	MO
DISTRICT	SW
SHEET NO.	1
COUNTY	WEBSTER
JOB NO.	J7I3010
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

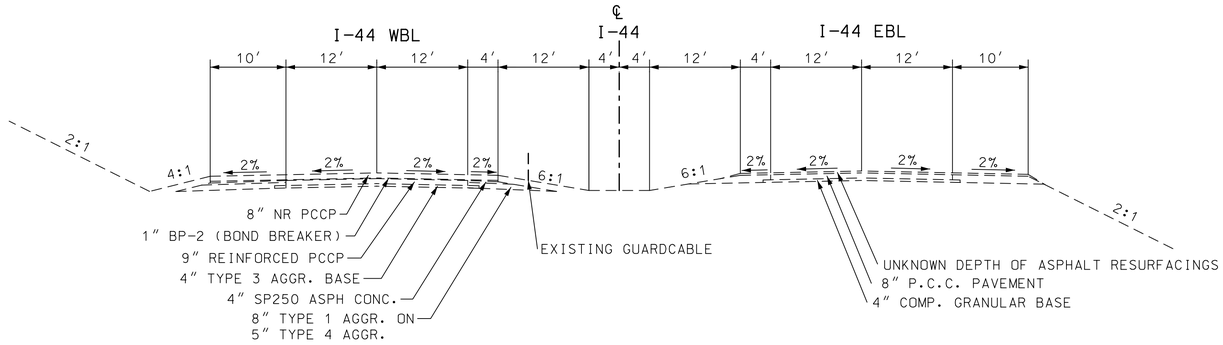
DESCRIPTION

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)

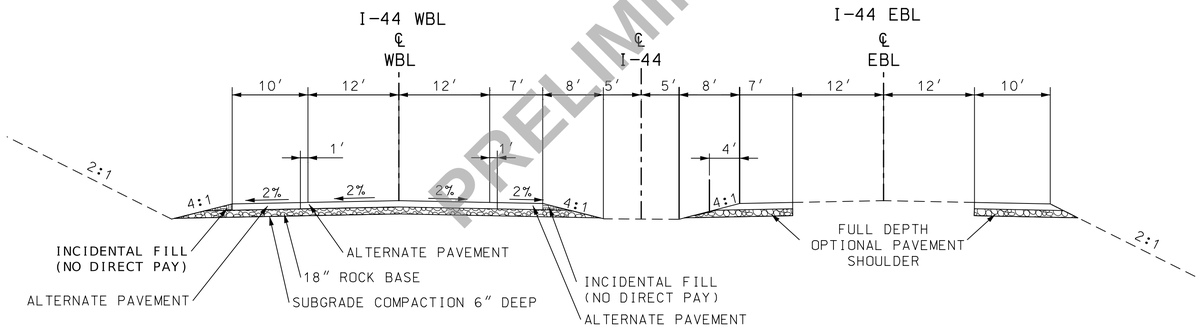
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



EXISTING I-44 TYPICAL

STA. 75+79.13 TO STA. 316+30.44

PRELIMINARY



PROPOSED I-44 TYPICAL

I-44 WB ℄
STA. 75+79.13 TO STA. 320+50.14

I-44 EB ℄
STA. 99+07.33 TO STA. 139+12.37
STA. 242+75.95 TO STA. 393+00.00 LT; STA.398+81.91 RT.

ALTERNATE PAVEMENT- ASPHALT			
LOCATION	BASE TYPE	FULL DEPTH SHOULDER	SHOULDERS
WB I-44 MAINLINE	18″ ROCK BASE	10″ HMA 1¾″ SP125C W/ PG70-22 OVER 3″ SP250C W/ PG70-22 OVER 5¼″ SP250C W/PG 64-22	FULL DEPTH RUMBLE STRIPS

TYPICAL SECTION
ASPHALT ALTERNATE
SHEET 1 OF 7
PAVEMENT REPLACEMENT- 1 OF 2

Preliminary Plans - NOT FOR CONSTRUCTION

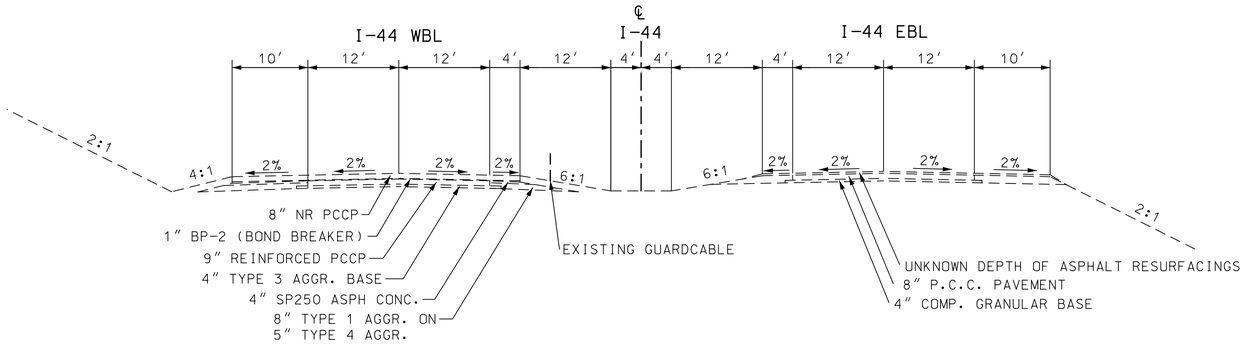
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

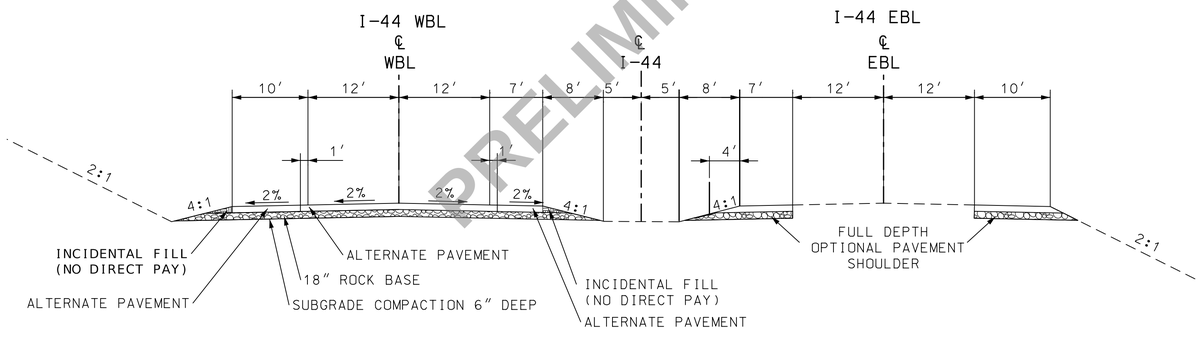
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



EXISTING I-44 TYPICAL

STA. 75+79.13 TO STA. 316+30.44

PRELIMINARY



PROPOSED I-44 TYPICAL

I-44 WB ℄
STA. 75+79.13 TO STA. 320+50.14

I-44 EB ℄
STA. 99+07.33 TO STA. 139+12.37
STA. 242+75.95 TO STA. 393+00.00 LT; STA.398+81.91 RT.

ALTERNATE PAVEMENT- CONCRETE			
LOCATION	BASE TYPE	PCCP DESIGN	SHOULDERS
WB I-44 MAINLINE	18″ ROCK BASE	11½″ JPCP 15′ JOINT 13′ WIDENED SLAB 1½″ DOWELS	FULL DEPTH RUMBLE STRIPS

TYPICAL SECTION
CONCRETE ALTERNATE
SHEET 1 OF 7
PAVEMENT REPLACEMENT- 1 OF 2

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	2

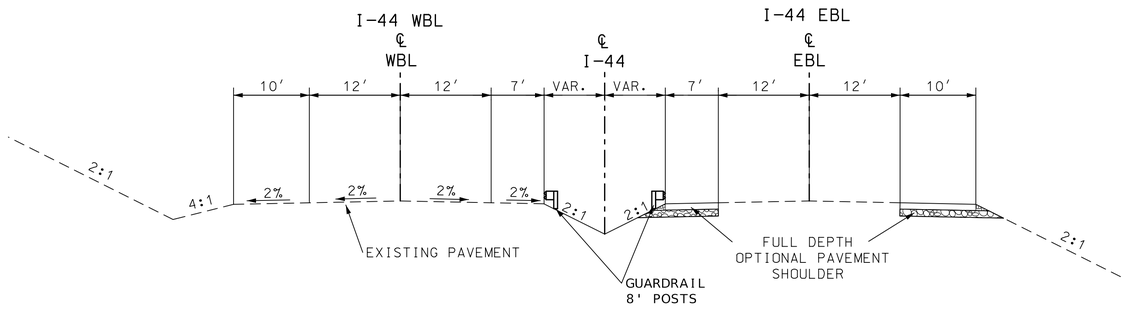
COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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)

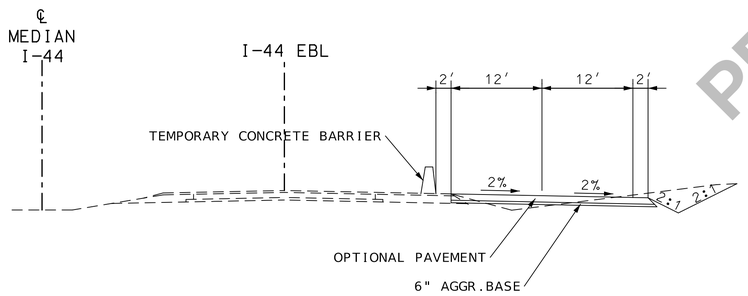
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PROPOSED I-44 TYPICAL

I-44 EB ℄
STA. 334+92.35 TO STA. 343+19.67

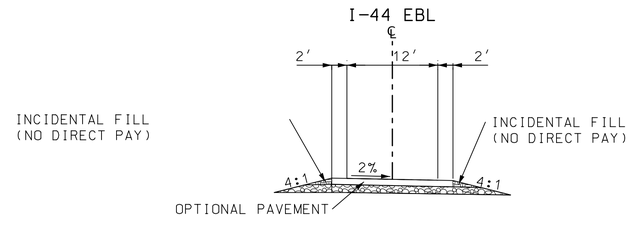
PRELIMINARY



PROPOSED EB I-44 BYPASS TYPICAL(OUTSIDE SHOULDER)

STA.155+59.72 TO STA.178.+50.00 (EBL STATIONING)
STA.210+74.24 TO STA.239+92.50 (EBL STATIONING)

OPTIONAL PAVEMENT- BYPASS				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
I-44 TEMP BYPASS FOR OUTSIDE SHOULDERS	6" TYPE 5 AGGREGATE BASE	10" HMA 1¾" SP125C W/ PG70-22 OVER 3" SP250C W/ PG70-22 OVER 5¼" SP250C W/PG 64-22	8.0" PCCP 15FT. JOINT SPACING, 1¼" DOWELS, EXTENDED SLAB	SAME AS PAVEMENT



PROPOSED EB I-44 BYPASS TYPICAL

STA. 1+00.00 TO STA. 10+10.87

OPTIONAL PAVEMENT- BYPASS				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
I-44 TEMP CROSSOVERS AND INSIDE SHOULDERS	6" TYPE 5 AGGREGATE BASE	10" HMA 1¾" SP125C W/ PG70-22 OVER 3" SP250C W/ PG70-22 OVER 5¼" SP250C W/PG 64-22	8.0" PCCP 15FT. JOINT SPACING, 1¼" DOWELS, EXTENDED SLAB	SAME AS PAVEMENT

TYPICAL SECTION
SHEET 2 OF 7
PAVEMENT REPLACEMENT- 2 OF 2

Preliminary Plans - NOT FOR CONSTRUCTION

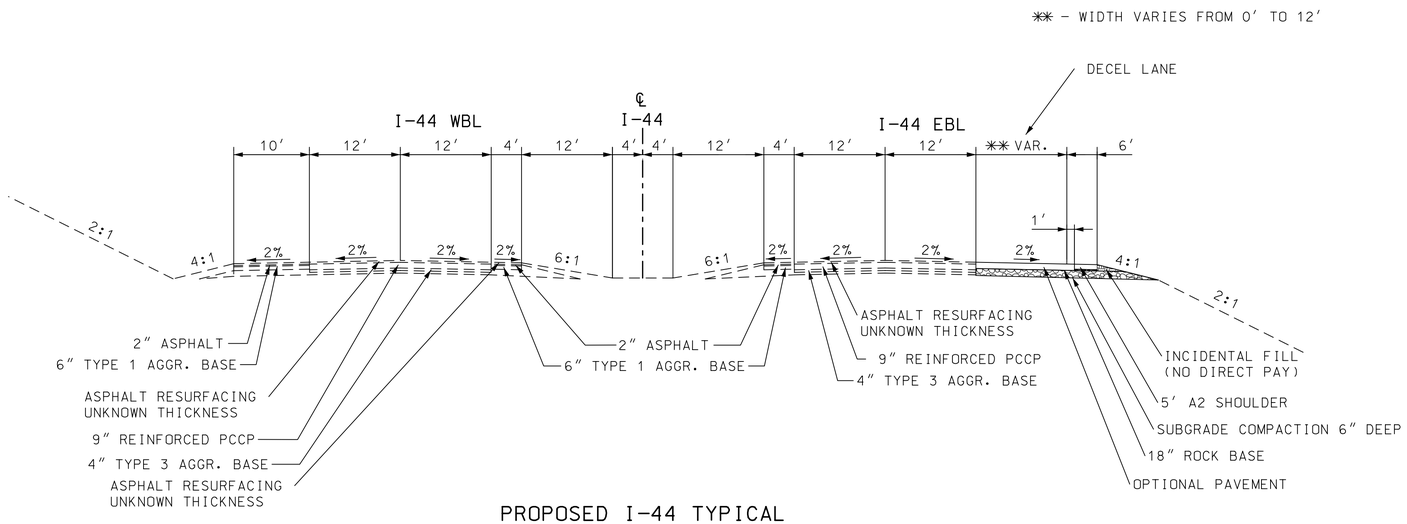
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

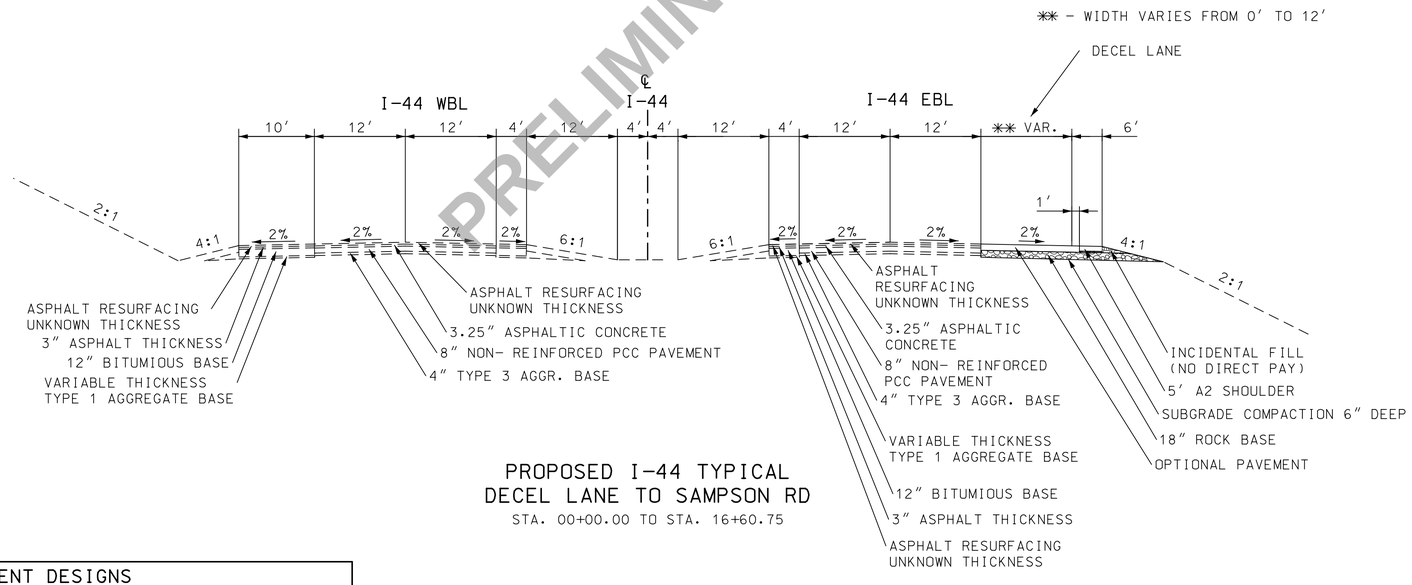
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PROPOSED I-44 TYPICAL
DECEL LANE TO RTE 38
STA. 00+00.00 TO STA. 15+26.02

PRELIMINARY



PROPOSED I-44 TYPICAL
DECEL LANE TO SAMPSON RD
STA. 00+00.00 TO STA. 16+60.75

OPTIONAL PAVEMENT DESIGNS				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	OUTSIDE SHOULDERS
EB & WB I-44 DECEL LANES	18" ROCK BASE	12" HMA 1 ¾" SP125BSMA W/ PG76-22 OVER 3" SP250B W/ PG76-22 OVER 7 ¼" SP250C W/PG 64-22	10" PCCP 15' JOINT 13' WIDENED SLAB 1 ½" DOWELS	A2

TYPICAL SHEET
SHEET 6 OF 7
DECEL LANE – 3 OF 4

Preliminary Plans – NOT FOR CONSTRUCTION

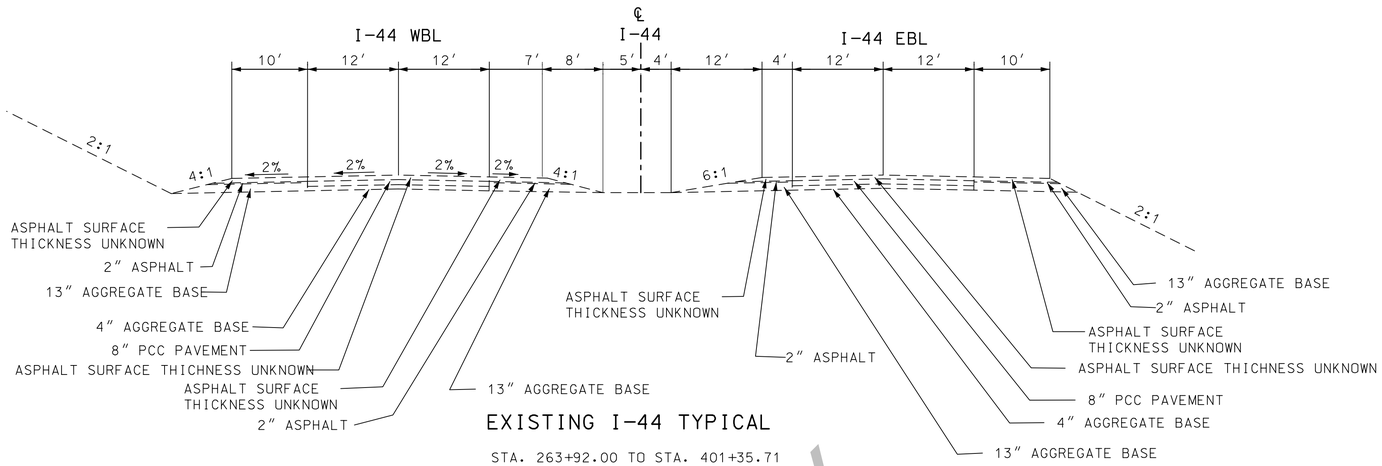
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

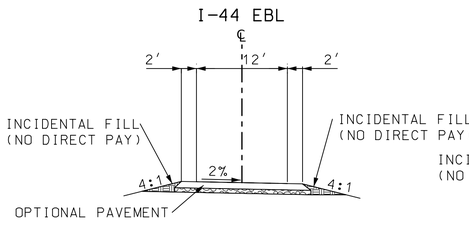
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



EXISTING I-44 TYPICAL

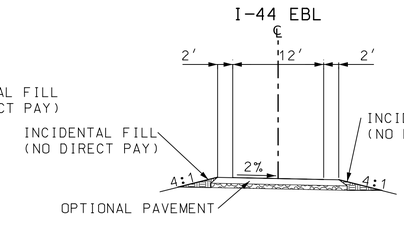
STA. 263+92.00 TO STA. 401+35.71

PRELIMINARY



PROPOSED EB I-44 BYPASS TYPICAL

STA. 0+00.00 TO STA. 11+27.13

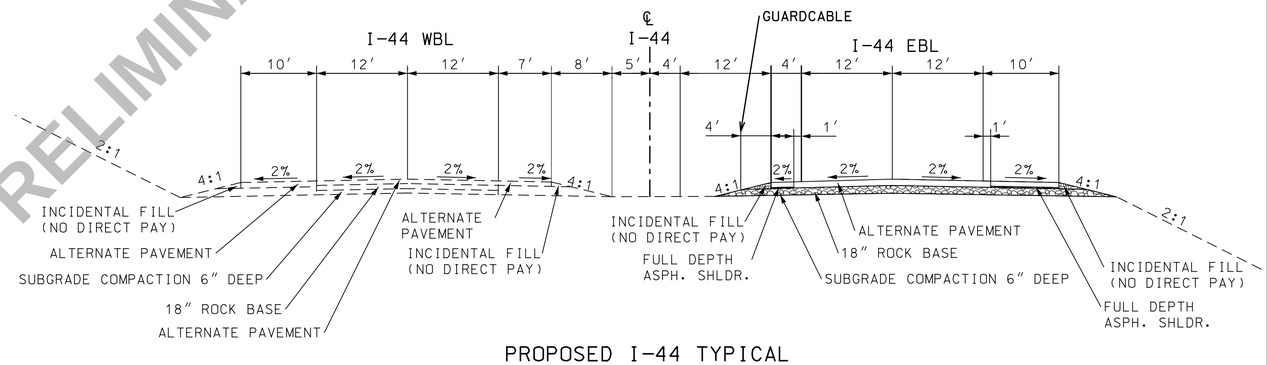


PROPOSED EB I-44 BYPASS TYPICAL

STA. 0+00.00 TO STA. 15+84.83

✳ FULL DEPTH PAVEMENT TO BE CONSTRUCTED ON
EXISTING I-44 EASTBOUND MEDIAN SHOULDER
FROM EB BYPASS STA. 0+95.77 TO STA. 4+50.23 AND
WB BYPASS STA. 8+29.88 TO STA. 13+96.10
EB I-44 250+00.00 - 253+60.00
EB I-44 263+92.00 - 276+00.00
EB I-44 312+60.00 - 332+77.85
EB I-44 338+55.94 - 344+22.16

OPTIONAL PAVEMENT- BYPASS				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
I-44 TEMP CROSSOVERS AND INSIDE SHOULDERS	6" TYPE 5 AGGREGATE BASE	10" HMA 1¾" SP125C W/ PG70-22 OVER 3" SP250C W/ PG70-22 OVER 5¼" SP250C W/PG 64-22	8.0" PCCP 15FT. JOINT SPACING, 1¼" DOWELS, EXTENDED SLAB	SAME AS PAVEMENT



PROPOSED I-44 TYPICAL CURVE REALIGNMENT

I-44 EB STA. 263+92.00 TO STA. 332+77.85

ALTERNATE PAVEMENT- ASPHALT			
LOCATION	BASE TYPE	HMA DESIGN	OUTSIDE SHOULDERS
EB I-44 MAINLINE	18" ROCK BASE	14½" HMA 1¾" SP125BSMA W/ PG76-22 OVER 3" SP250B W/ PG76-22 OVER 9 3/4" SP250C W/ PG64-22	FULL DEPTH ASPH. SHLDR.

TYPICAL SECTION
SHEET 3 OF 7
CURVE REALIGNMENT - 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	2

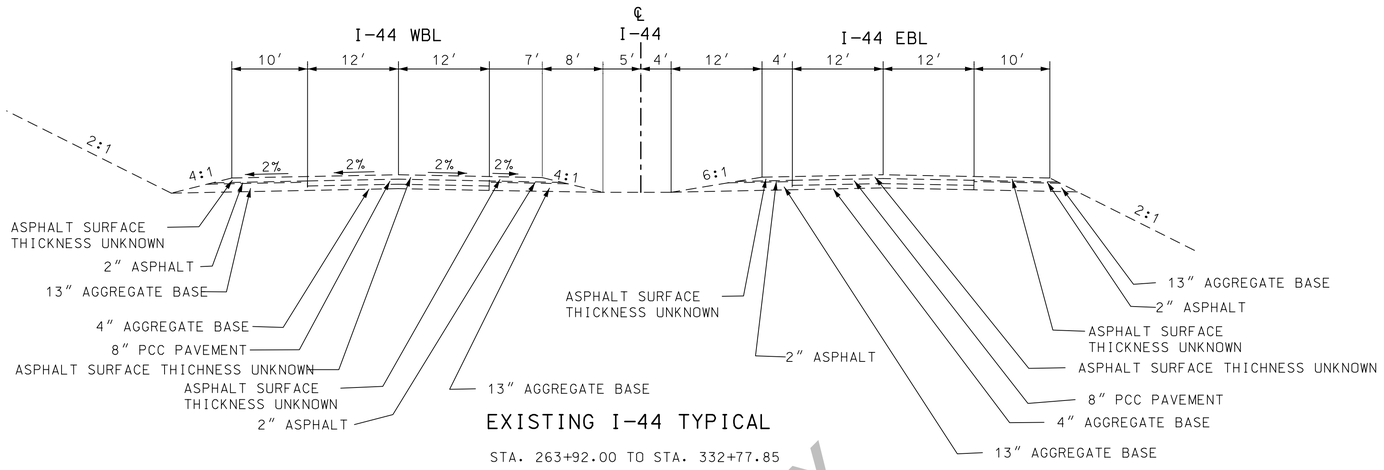
COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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)

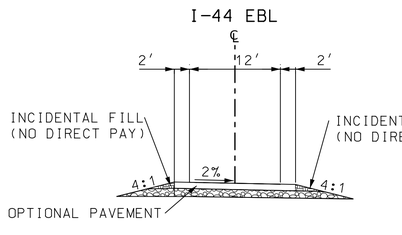
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



EXISTING I-44 TYPICAL

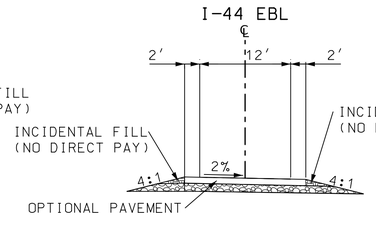
STA. 263+92.00 TO STA. 332+77.85

PRELIMINARY



PROPOSED EB I-44 BYPASS TYPICAL

STA. 0+00.00 TO STA. 11+27.13

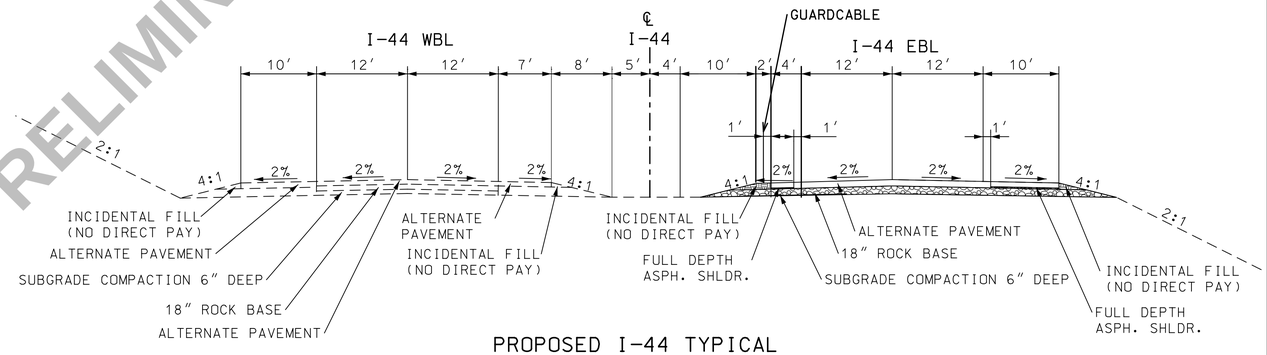


PROPOSED EB I-44 BYPASS TYPICAL

STA. 0+00.00 TO STA. 15+84.83

✳ FULL DEPTH PAVEMENT TO BE CONSTRUCTED ON EXISTING I-44 EASTBOUND MEDIAN SHOULDER FROM EB BYPASS STA. 0+95.77 TO STA. 4+50.23 AND WB BYPASS STA. 8+29.88 TO STA. 13+96.10
EB I-44 250+00.00 - 253+60.00
EB I-44 263+92.00 - 276+00.00
EB I-44 312+60.00 - 332+77.85
EB I-44 338+55.94 - 344+22.16

OPTIONAL PAVEMENT- BYPASS				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
I-44 TEMP CROSSOVERS AND INSIDE SHOULDERS	6″ TYPE 5 AGGREGATE BASE	10″ HMA 1¾″ SP125C W/ PG70-22 OVER 3″ SP250C W/ PG70-22 OVER 5¼″ SP250C W/PG 64-22	8.0″ PCCP 15FT. JOINT SPACING, 1¼″ DOWELS, EXTENDED SLAB	SAME AS PAVEMENT



PROPOSED I-44 TYPICAL CURVE REALIGNMENT

I-44 EB STA. 263+92.00 TO STA. 332+77.85

ALTERNATE PAVEMENT- CONCRETE			
LOCATION	BASE TYPE	PCCP DESIGN	OUTSIDE SHOULDERS
EB I-44 MAINLINE	18″ ROCK BASE	11½″ JPCP 15′ JOINT 13′ WIDENED SLAB 1½″ DOWELS	FULL DEPTH ASPH. SHLDR.

TYPICAL SECTION
SHEET 3 OF 7
CURVE REALIGNMENT - 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

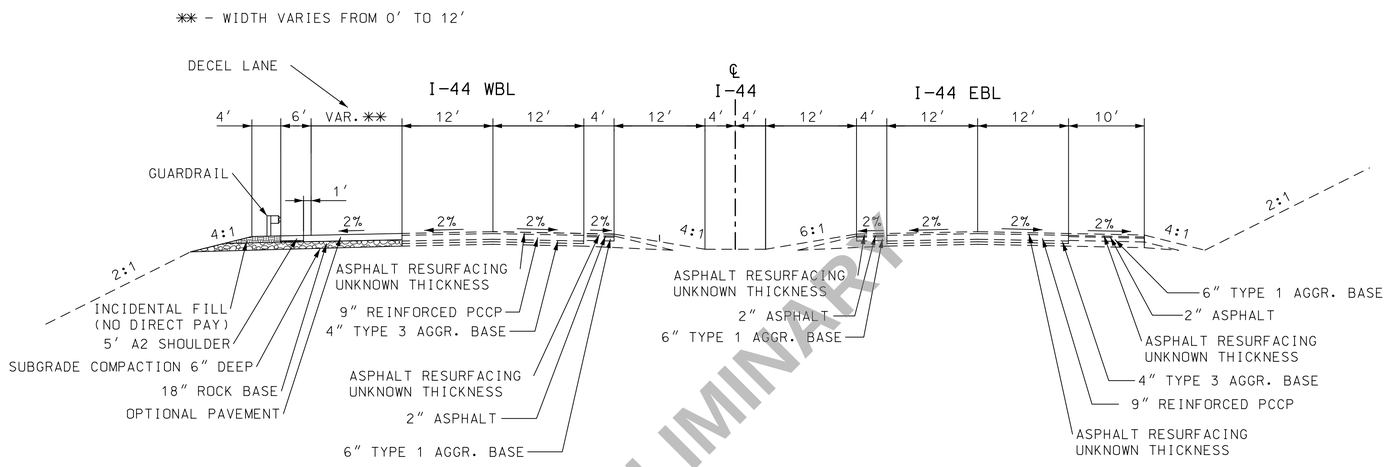
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PROPOSED I-44 TYPICAL
WB DECEL LANE TO RTE B
STA. 00+00.00 TO STA.10+73.77

PRELIMINARY

OPTIONAL PAVEMENT DESIGNS				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	OUTSIDE SHOULDERS
EB & WB I-44 DECEL LANES	18" ROCK BASE	12" HMA 1¾" SP125BSMA W/ PG76-22 OVER 3" SP250B W/ PG76-22 OVER 7¼" SP250C W/PG 64-22	10" PCCP 15' JOINT 13' WIDENED SLAB 1½" DOWELS	A2

TYPICAL SHEET
SHEET 4 OF 7
DECEL LANE - 1 OF 4

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	2

COUNTY WEBSTER

JOB NO. J7I3010

CONTRACT ID.

PROJECT NO.

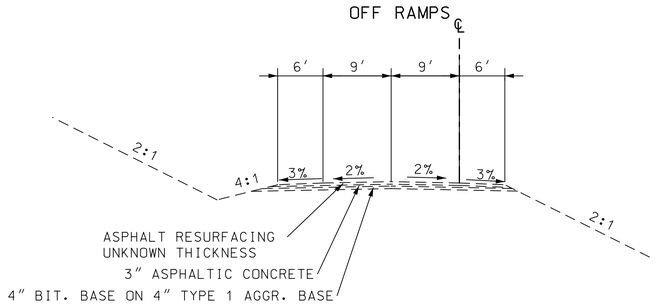
BRIDGE NO.

DESCRIPTION	DATE

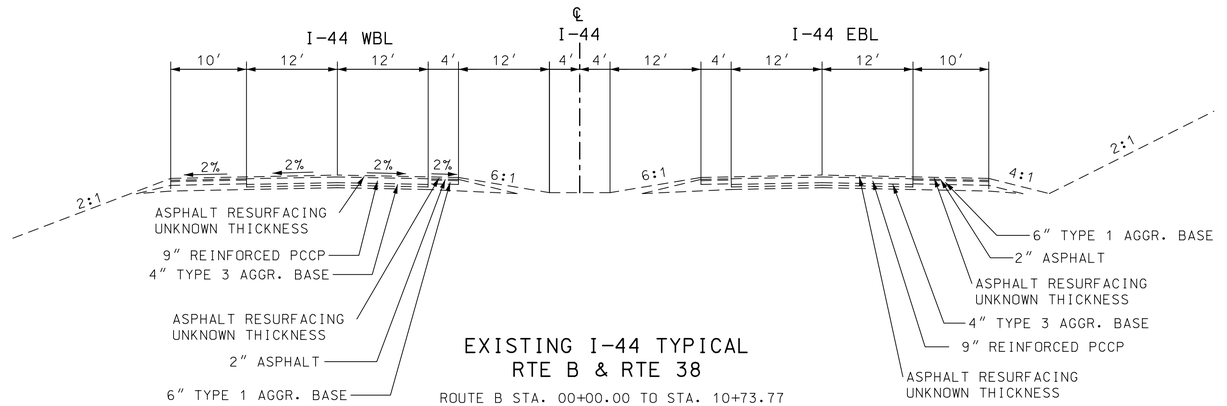
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

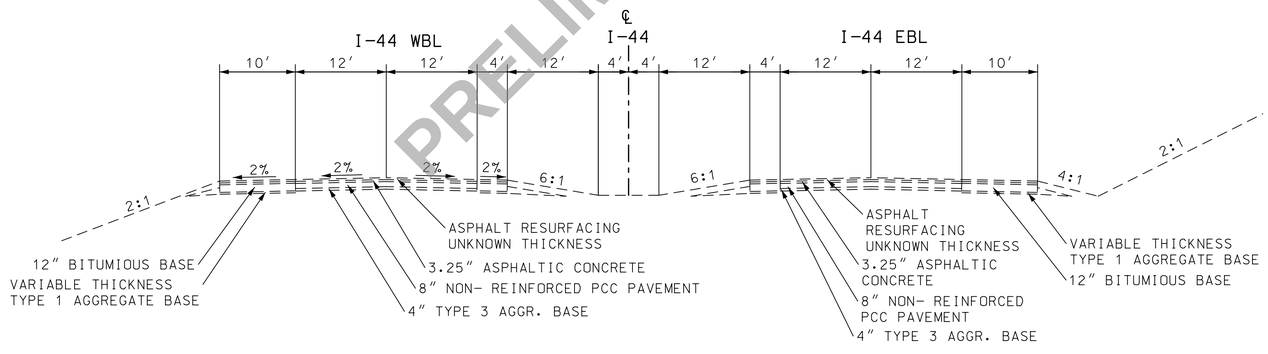


EXISTING ROUTE B, ROUTE 38,
SAMPSON ROAD,
AND CONWAY REST AREA
OFF RAMP TYPICAL



EXISTING I-44 TYPICAL
RTE B & RTE 38

ROUTE B STA. 00+00.00 TO STA. 10+73.77
ROUTE 38 STA. 00+00.00 TO STA. 14+29.79



EXISTING I-44 TYPICAL
SAMPSON RD & CONWAY REST AREAS

SAMPSON RD. STA. 00+00.00 TO STA. 16+60.40
CONWAY REST AREA EB STA. 00+00.00 TO STA.13+73.93
CONWAY REST AREA WB STA. 00+00.00 TO STA.13+00.40

PRELIMINARY

TYPICAL SHEET
SHEET 5 OF 7
DECEL LANE - 2 OF 4

Preliminary
Plans -
NOT FOR
CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	2

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

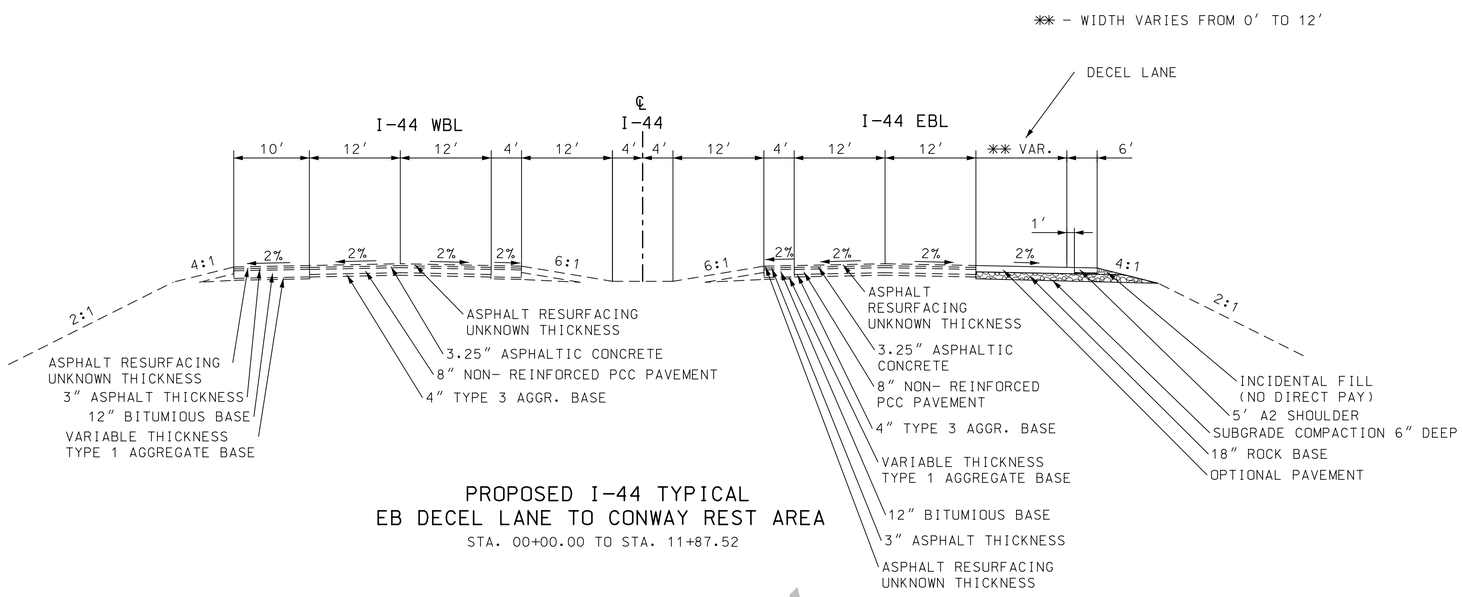
BRIDGE NO.

DESCRIPTION	DATE

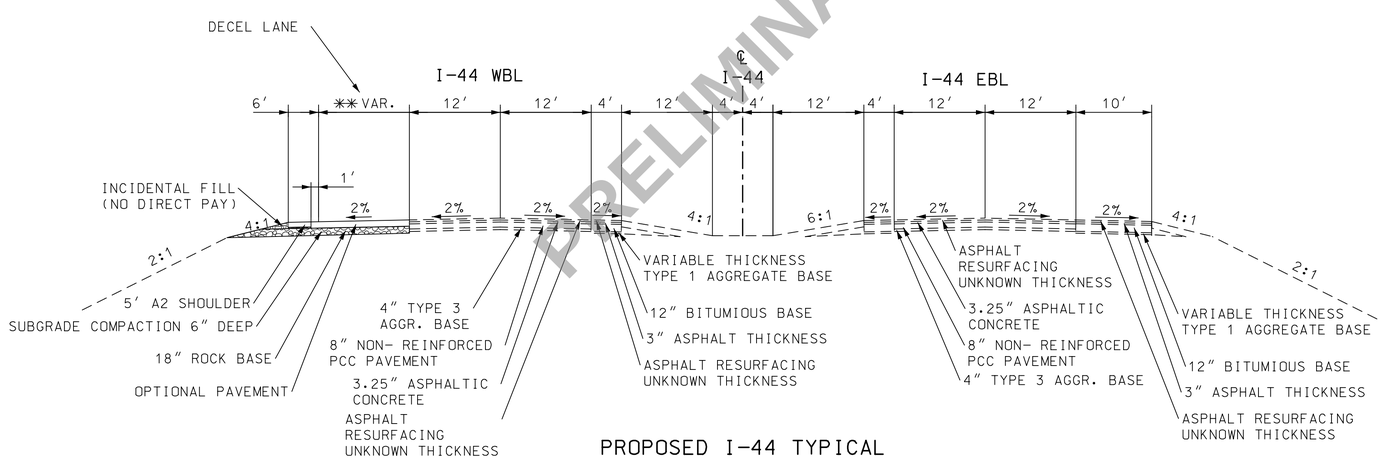
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PROPOSED I-44 TYPICAL
EB DECEL LANE TO CONWAY REST AREA
STA. 00+00.00 TO STA. 11+87.52



PROPOSED I-44 TYPICAL
WB DECEL LANE TO CONWAY REST AREA
STA. 00+00.00 TO STA. 13+00.00

OPTIONAL PAVEMENT DESIGNS				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	OUTSIDE SHOULDERS
EB & WB I-44 DECEL LANES	18" ROCK BASE	12" HMA 1¾" SP125BSMA W/ PG76-22 OVER 3" SP250B W/ PG76-22 OVER 7¼" SP250C W/PG 64-22	10" PCCP 15' JOINT 13' WIDENED SLAB 1½" DOWELS	A2

TYPICAL SHEET
SHEET 7 OF 7
DECEL LANE – 4 OF 4

PRELIMINARY

Preliminary Plans – NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY WEBSTER
JOB NO. J7I3010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

REMOVAL OF IMPROVEMENTS - PAVEMENT REPLACEMENT

RTE.	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	SAW CUTS	REMARKS
I-44	76+05.06		LT	SIGN	1.0	EA	N/A	SHEET 4
I-44	78+39.31		LT	SIGN	1.0	EA	N/A	SHEET 4
I-44	79+83.47		RT	SIGN	1.0	EA	N/A	SHEET 4
I-44	86+56.87		LT	SIGN	1.0	EA	N/A	SHEET 4
I-44	96+98.98		LT	SIGN	1.0	EA	N/A	SHEET 4
I-44	107+45.16		LT	SIGN	1.0	EA	N/A	SHEET 5
I-44	118+02.25		LT	SIGN	1.0	EA	N/A	SHEET 5
I-44	128+55.42		LT	SIGN	1.0	EA	N/A	SHEET 6
I-44	131+45.11		LT	SIGN	2.0	EA	N/A	SHEET 6
I-44	139+12.82		LT	SIGN	1.0	EA	N/A	SHEET 6
I-44	149+56.78		LT	SIGN	1.0	EA	N/A	SHEET 6
I-44	155+89.35		LT	SIGN	1.0	EA	N/A	SHEET 7
I-44	166+50.49		LT	SIGN	1.0	EA	N/A	SHEET 7
I-44	177+07.21		LT	SIGN	1.0	EA	N/A	SHEET 7
I-44	187+64.18		LT	SIGN	1.0	EA	N/A	SHEET 8
I-44	198+57.87		LT	SIGN	1.0	EA	N/A	SHEET 8
I-44	209+16.15		LT	SIGN	1.0	EA	N/A	SHEET 9
I-44	219+70.92		LT	SIGN	1.0	EA	N/A	SHEET 9
I-44	230+22.41		LT	SIGN	2.0	EA	N/A	SHEET 9
I-44	231+44.47		RT	SIGN	1.0	EA	N/A	SHEET 9
I-44	240+79.04		LT	SIGN	1.0	EA	N/A	SHEET 10
I-44	251+33.33		LT	SIGN	1.0	EA	N/A	SHEET 10
I-44	261+87.36		LT	SIGN	1.0	EA	N/A	SHEET 11
I-44	272+46.78		LT	SIGN	1.0	EA	N/A	SHEET 11
I-44	282+96.60		LT	SIGN	1.0	EA	N/A	SHEET 11
I-44	293+48.82		LT	SIGN	1.0	EA	N/A	SHEET 12
I-44	296+43.58		LT	SIGN	1.0	EA	N/A	SHEET 12
I-44	304+12.67		LT	SIGN	1.0	EA	N/A	SHEET 12
I-44	306+44.05		LT	SIGN	1.0	EA	N/A	SHEET 12
I-44	314+91.44		LT	SIGN	1.0	EA	N/A	SHEET 13
I-44	158+75.24	167+07.19	LT	GUARDRAIL	825.0	LF	N/A	INCLUDES CET AND END ANCHOR
I-44	176+49.54	184+24.24	LT	GUARDRAIL	775.0	LF	N/A	INCLUDES CET AND END ANCHOR
I-44	304+73.82	311+21.94	LT	GUARDRAIL	650.0	LF	N/A	INCLUDES CET AND END ANCHOR
I-44	314+67.12	316+30.44	LT	GUARDRAIL	165.0	LF	N/A	INCLUDES CET AND END ANCHOR
I-44	75+79.13	79+33.90	RT	GUARDCABLE	355.0	LF	N/A	
I-44	79+87.81	149+87.99	RT	GUARDCABLE	7,009.0	LF	N/A	
I-44	180+81.09	230+96.09	RT	GUARDCABLE	5,006.0	LF	N/A	
I-44	231+48.79	320+50.44	RT	GUARDCABLE	8,879.0	LF	N/A	
I-44	75+79.13	316+30.44	WESTBOUND LANE	PAVEMENT	101,550.0	SY	38'	INCLUDES SHOULDERS

REMOVAL OF IMPROVEMENTS - CURVE REALIGNMENT

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNITS	SAW CUTS	REMARKS
I-44 EBL	263+92.00	279+60.04	EASTBOUND LANE	PAVEMENT	6648.78	SY	76	EXISTING I-44 EASTBOUND LANE
I-44 EBL	310+38.71	332+77.85	EASTBOUND LANE	PAVEMENT	9502.75	SY	76	EXISTING I-44 EASTBOUND LANE
I-44 EBL	256+94.16	260+29.77	EASTBOUND SHOULDER	SHOULDER	333.660	SY	335	EXISTING I-44 EASTBOUND SHOULDER
I-44 EBL	275+44.22	280+79.55	EASTBOUND SHOULDER	SHOULDER	548.22	SY	535	EXISTING I-44 EASTBOUND SHOULDER
I-44 EBL	308+47.67	311+67.80	EASTBOUND SHOULDER	SHOULDER	316.87	SY	320	EXISTING I-44 EASTBOUND SHOULDER
I-44 EBL	332+77.85	337+75.20	EASTBOUND SHOULDER	SHOULDER	368.77	SY	497	EXISTING I-44 EASTBOUND SHOULDER
I-44 EBL	256+94.16	280+79.55	BYPASS PAVEMENT	PAVEMENT	6079.7	SY	870	CONNECTION BYPASS
I-44 EBL	308+47.67	337+75.20	BYPASS PAVEMENT	PAVEMENT	8493.7	SY	817	CONNECTION BYPASS

REMOVAL OF IMPROVEMENTS - DECEL LANES

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	SAW CUTS	REMARKS
CONWAY REST AREA EB	00+00.00	11+87.52	RT	SHOULDER	1022.56	SY	1223	FULL DEPTH SAW CUT
CONWAY REST AREA WB	00+00.00	13+00.40	RT	SHOULDER	1357.67	SY	1328	FULL DEPTH SAW CUT
RTE 38	00+00.00	15+26.02	RT	SHOULDER	1314.2	SY	1541	FULL DEPTH SAW CUT
SAMPSON RD.	00+00.00	16+60.46	RT	SHOULDER	1449.58	SY	1696	FULL DEPTH SAW CUT
RTE B	00+00.00	10+73.77	RT	SHOULDER	1500	SY	1073	FULL DEPTH SAW CUT
CONWAY REST AREA EB	4+30.53		RT	SIGN	1	EA	N/A	
CONWAY REST AREA WB	5+87.33		RT	SIGN	1	EA	N/A	
RTE 38	1+17.24		RT	SIGN	1	EA	N/A	
RTE B	11+69.61		RT	SIGN	1	EA	N/A	
SAMPSON RD.	7+90.16		RT	SIGN	1	EA	N/A	
RTE B	5+41.90		RT	SIGN	1	EA	N/A	
RTE B	5+51.05		RT	SIGN	1	EA	N/A	
RTE B	3+92.00	10+73.77	RT	GUARDRAIL	697.7	LF	N/A	INCLUDES CET AND END ANCHOR
CONWAY REST AREA EB	11+13.61		RT	LIGHT POLE	1	EA	N/A	
CONWAY REST AREA WB	13+00.40		RT	LIGHT POLE	1	EA	N/A	
RTE 38	13+35.33		RT	LIGHT POLE	1	EA	N/A	
			TOTAL	1	LUMP SUM			

OPTIONAL PAVEMENT (DECEL LANES)

ROUTE	STA.	STA.	ROCK BASE 18" THICK	OPTIONAL PAVEMENT (DECEL LANES)	SUBGRADE COMPACTION 6" DEEP	REMARKS
			SY	SY	(STA)	
ROUTE B	0+00.00	10+73.77	820.0	820.0	10.7	
ROUTE 38	0+00.00	15+26.02	1,239.7	1239.7	15.3	
SAMPSON RD	0+00.00	12+25.00	1,282.7	1282.7	12.3	
CONWAY REST AREA WB	2+00.40	13+00.40	1,078.5	1078.5	11.0	
CONWAY REST AREA EB	0+00.00	8+80.85	884.0	884.0	8.8	
		TOTALS	5,304.9	5,304.9	58.1	
		PAY TOTALS	5,305.0	5,304.9	58.0	

NOTE:

SEED AND MULCH

LOCATION	TEMPORARY SEED (AC)	PERMANENT SEED (AC)	PERMANENT MULCH (AC)	REMARKS
I-44 W RT	1.2	12.4	12.4	PAVEMENT REPLACEMENT
I-44 W LT	1	9.9	9.9	PAVEMENT REPLACEMENT
I-44 EAST	1.1	11.88	11.88	CURVE REALIGNMENT
I-44 EAST	0.3	2.8	2.8	BOTH SHOULDERS
CONWAY EB	0.2	0.7	0.7	DECEL LANE
CONWAY WB	0.1	0.5	0.5	DECEL LANE
SAMPSON RD	0.3	1.2	1.2	DECEL LANE
RTE 38	0.2	0.8	0.8	DECEL LANE
RTE B	0.1	0.4	0.4	DECEL LANE
TOTALS	4.5	40.5	40.5	

NOTE: TEMPORARY IS 10% OF PERMANENT (ROUNDED TO NEAREST 0.10 ACRE)

CONTRACTOR FURNISHED SURVEYING AND STAKING
TOTAL = 1 LUMP SUM

MOBILIZATION
TOTAL = 1 LUMP SUM

CULVERT EXTENSION

ROUTE	STA.	OFFSET	STA.	OFFSET	B-1 CONCRETE (CY)	REINFORCING STEEL (LB)	PARTIAL REMOVAL OF CULVERT CONC. (LS)	TEMPORARY SHORING (LS)	CLASS 4 EXCAVATION (CY)	REMARKS
WB CONWAY REST AREA	50+88.59	67.70 LT	51+18.33	31.27 LT	38.4	6450	1	1	15	SEE SHEET 155 FOR DETAILS
				TOTAL	38.4	6450	1	1	15	

SUMMARY OF QUANTITIES
SHEET 1 OF 8

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE I-44 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY WEBSTER

JOB NO. J713010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EROSION CONTROL

ROUTE	LOCATION	STA.	STA.	ROCK DITCH CHECK L.F.	ALTERNATE DITCH CHECK L.F.	INLET CHECK EA.	SLIT FENCE L.F.	SEDIMENT TRAP EXCAVATION C.Y.	SEDIMENT TRAP ROCK C.Y.	SEDIMENT REMOVAL C.Y.	REMARKS
I-44 WB	LT/RT	65+50	88+50		1122	3	178	51.8	51.8	77.8	PAVEMENT REPLACEMENT
I-44 WB	LT/RT	88+50	115+50		2346	2	294	66.6	66.6	151.9	PAVEMENT REPLACEMENT
I-44 WB	LT/RT	115+50	142+50		1003	4	96	44.4	44.4	70.0	PAVEMENT REPLACEMENT
I-44 WB	LT/RT	142+50	169+50	714	1734	2	1740	29.6	29.6	167.4	PAVEMENT REPLACEMENT
I-44 WB	LT/RT	169+50	196+50	357	1139	2	645	59.2	59.2	104.5	PAVEMENT REPLACEMENT
I-44 WB	LT/RT	196+50	223+50		2754	3	328	66.6	66.6	177.3	PAVEMENT REPLACEMENT
I-44 WB	LT/RT	223+50	250+50		1700	6	183	81.4	81.4	118.8	PAVEMENT REPLACEMENT
I-44 WB	LT/RT	250+50	277+50		1003	2	108	51.8	51.8	69.1	PAVEMENT REPLACEMENT
I-44 WB	LT/RT	277+50	304+50		1989	1	111	37.0	37.0	124.1	PAVEMENT REPLACEMENT
I-44 WB	LT/RT	304+50	358+00	34	3689	3	1321	81.4	81.4	246.2	PAVEMENT REPLACEMENT
I-44 WB	LT/RT	358+00	285+00		2839	5	1097	37.0	37.0	188.0	PAVEMENT REPLACEMENT
I-44 WB	LT/RT	385+00	397+20		544	3	908	29.6	29.6	48.1	PAVEMENT REPLACEMENT
I-44 EB	LT/RT	173+00	186+00		1003	3	1118	7.4	7.4	74.2	CURVE REALIGNMENT
I-44 EB	LT/RT	186+00	211+00		731		545			48.5	CURVE REALIGNMENT
I-44 EB	LT/RT	263+92	286+00	187	1088	3	48	7.4	7.4	79.5	CURVE REALIGNMENT
I-44 EB	LT/RT	286+00	310+00	748	731	3	93	14.8	14.8	92.9	CURVE REALIGNMENT
I-44 EB	LT/RT	310+00	332+78	102	391	2		22.2	22.2	34.0	CURVE REALIGNMENT
I-44 EB	RT				416		44	9.2	9.2	29.0	EB CONWAY REST AREA
I-44 WB	RT				324		124			29.0	WB CONWAY REST AREA
I-44 EB	RT				420		82			36.0	SAMPSON RD
I-44 EB	RT				512		147			34.0	RTE 38
I-44 WB	RT				300		92			26.0	RTE B
			TOTALS	2,142.0	27,778.0	47.0	9,302.0	697.4	697.4	2,026.1	
			PAY TOTALS	2,142	27,778	47	9,302	697.4	697.4	2,026	

A2 SHOULDER

ROUTE	STA.	STA.	LOCATION	LENGTH (FT)	WIDTH (FT)	TYPE A2 SHOULDER (SY)	ROCK BASE 18" THICK (SY)
RTE B	3+00.00	12+06.55	RT	906.55	6	608.7	609
RTE 38	0+00.00	12+23.16	RT	1223.16	6	853.6	854
SAMPSON RD	0+00.00	12+25.00	RT	1225.00	6	826.9	827
WB CONWAY REST AREA	2+00.00	13+00.00	RT	1100.00	6	789.7	790
EB CONWAY REST AREA	0+00.00	8+80.85	RT	880.85	4	600.4	600
I-44 EASTBOUND	263+92.00	332+77.85	LT	6885.85	4	3,060.4	3,060
I-44 EASTBOUND	263+92.00	332+77.85	RT	6885.85	10	7,650.9	7,651
					TOTAL	14,390.6	14,391
					PAY TOTAL	14,390.6	14,391

GUARDCABLE

ROUTE	BEGIN STA.	END STA.	LOCATION	GUARDCABLE (LF)	END ANCHOR (EA)	BITUMINOUS STRIP BP-1 (4" THICK) (SY)	REMARKS
I-44 EBL	99+07.33	102+62.32	LT	355	1	157.8	PAVEMENT REPLACEMENT
I-44 EBL	103+15.68	162+57.30	LT	5,942	3	2640.9	PAVEMENT REPLACEMENT
I-44 EBL	234+94.82	258+16.74	LT	2,322	2	1032	PAVEMENT REPLACEMENT
I-44 EBL	263+92.00	332+77.85	LT	6,886	3	3060.4	CURVE REALIGNMENT
I-44 EBL	258+68.79	335+13.14	LT	7,644	1	3397.3	PAVEMENT REPLACEMENT
			TOTALS	23,149	10	10,288.4	
			PAY TOTALS	23,149	10	10,288.4	

NOTE: GUARDRAIL LENGTHS DO NOT INCLUDE LENGTHS FOR END, TERMINAL, ANCHOR OR TRANSITION SECTIONS OR BULLNOSE

OPTIONAL PAVEMENT - FULL DEPTH SHOULDERS

ROUTE	STA.	STA.	LOCATION	DISTANCE (FT)	WIDTH (FT)	FULL DEPTH SHOULDER (SY)	ROCK BASE 18 IN. THICK (SY)	MILLED RUMBLE STRIP (STA)	6" SUBGRADE COMPACTION (STA)	REMARKS
I-44 EBL	99+07.33	139+12.37	MEDIAN	4,005.04	7	3,115.0	3,115	40.1	40.1	
I-44 EBL	99+07.33	139+12.37	OUTSIDE	4,005.04	10	4,450.0	4,450	40.1	0.0	
I-44 EBL	242+75.95	393+00.00	MEDIAN	15,024.05	7	11,685.4	11,685	150.2	0.0	
I-44 EBL	242+75.95	398+81.91	OUTSIDE	15,605.96	10	17,340.0	17,340	156.1	156.1	
					TOTAL	36,590.4	36,590.0	386.5	196.2	
					PAY TOTAL	36,590.4	36,590	386.5	196	

*- SUBGRADE COMPACTION IS MEASURED PER ROADWAY

EARTHWORK

ROUTE	FROM STATION	TO STATION	CLASS A EXCAVATION (CY)	COMPACTING EMBANKMENT (CY)	EARTHWORK BALANCE (CY)	REMARKS
I-44 WBL	75+19.13	316+30.44	45,721	30,790	0	EXCESS MATERIAL TO BE USED IN CURVE RELOCATION FILL
I-44 EBL	99+07.33	401+35.71	26,360.80	184.15	-21,783	MEDIAN SHOULDER REPLACEMENT
I-44 EBL	99+07.33	401+35.71	35,551.30	280.10	-29,346	OUTSIDE SHOULDER REPLACEMENT
I-44 EBL	263+92	332+77.85	89,922.19	103,542.64	12,253	USE 10,359 OBTAINED FROM PAVEMENT REPLACEMENT
I-44 WBL	124+24.83	133+84.88	130.00	337.00	229	MEDIAN CROSSOVER 1- CURVE RELOCATION
I-44 WBL	206+11.84	221+12.10	1,978.00	425.00	-1,223	MEDIAN CROSSOVER 2- CURVE RELOCATION
I-44 EBL	83+95.72	93+04.17	502.00	95.00	-323	MEDIAN CROSSOVER 2 - PAVEMENT REPLACEMENT
I-44 EBL	157+94.38	178+42.94	3143.45	2412.78	730	CONNECTION BYPASS 1 - CURVE REALIGNMENT
I-44 EBL	210+65.19	239+90.39	494.08	1610.05	-1115	CONNECTION BYPASS 2 - CURVE REALIGNMENT
RTE B	0+00.00	9+40.00	8111.7	616.05	-6,144	
RTE 38	0+00.00	12+23.16	2209.8	91.7	-1,750	
SAMPSON	0+00.00	12+25.00	3119.9	466.9	-2,133	
EB CONWAY REST AREA	0+00.00	8+80.85	419.4	179.4	-170	
WB CONWAY REST AREA	0+00.00	11+00.00	579.1	1218.9	736	
		TOTALS	218,243	142,250	-50,009	EXCESS MATERIAL TO BE DISPOSED OUTSIDE OF MODOT ROW

PRELIMINARY

SUMMARY OF QUANTITIES
SHEET 2 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY WEBSTER
JOB NO. J713010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

INLETS AND CULVERT

ROUTE	STA.	STA.	OFFSET	INLET NO.	LOC.	3'X3' TYPE S1 INLET	5'X3' TYPE S1 INLET	5'X3' TYPE TYPE S2 INLET	5'X3' TYPE TYPE S3 INLET	GRATE & FRAME 5'X 3'	GROUP A PIPE					GROUP A FES			GROUP B PIPE		TYPE A PIPE COLLAR	MANHOLE	MANHOLE LID & FRAME	CL.3 EXC.	REMARKS
											15 IN	18 IN	24 IN	36 IN	42 IN	18 IN	36 IN	42 IN	15 IN	18 IN		72"	TYPE 4		
						FEET	FEET	FEET	FEET	EACH	FEET	FEET	FEET	FEET	FEET	EACH	EACH	EACH	FEET	FEET	EACH	FEET	EACH	CY	
I-44 WBL	87+42.37		30.81'	1-8	RT		3			1														11	
I-44 WBL	87+42.37		23.67'-29.31'	1-8	RT							5.6									1			6	
I-44 WBL	132+23.63		35.89'	1-12	RT		2			1														9	
I-44 WBL	132+23.63		37.39'-42.39'	1-12	RT						5										1			4	
I-44 WBL	136+22.43		36.27'	1-13	RT		3			1														9	
I-44 WBL	136+22.43		37.77'-42.87'	1-13	RT						5.1										1			4	
I-44 WBL	215+77.31		32.26'	2-1	RT		3			1														11	
I-44 WBL	215+77.31	215+77.31	24.76'-30.76'	2-1	RT							6									1			16	
I-44 WBL	230+65.15		33.36'	2-2	RT		4			1														10	
I-44 WBL	230+67.33	230+73.79	33.66'-29.87'	2-2	RT							7.2												5	
I-44 WBL	241+59.00		35.91'	2-3	RT		3			1														10	
I-44 WBL	241+65.10	241+68.22	35.97'-34.68'	2-3	RT							7.3												4	
I-44 WBL	241+82.84		36.13'	2-4	RT		4			1														13	
I-44 WBL	241+73.67	241+80.33	34.68'-36.11'	2-4	RT								8											6	
I-44 WBL	259+47.91		28.11'	2-5	RT				1	1														7	
I-44 WBL	259+47.91	259+47.91	19.45'-25.43'	2-5	RT							6									1			5	
I-44 WBL	276+59.54		38.43'	2-6	RT				1	1														6	
I-44 WBL	276+59.54		40.93'-46.93'	2-6	RT							6									1			5	
I-44 WBL	287+53.11		36.27'	2-7	RT		2			1														9	
I-44 WBL	287+49.32	287+54.95	36.27'-36.27'	2-7	RT							5.8												2	
I-44 WBL	308+57.56		23.14'	2-10	RT		3			1														10	
I-44 WBL	308+57.56		24.64'-28.58'	2-10	RT						4										1			4	
I-44 WBL	331+88.85		22.22'	2-11	RT	3				1														7	
I-44 WBL	331+88.85		23.76'-29.72'	2-11	RT						6										1			5	
I-44 EBL	284+59.66	284+78.93	98.13' - 0.87'	3-2	RT									90			1				1			66	
I-44 EBL	290+99.81	291+45.02	29.20'- 125.85	3-2	RT									107			1				1			78	
I-44 EBL	303+74.87		46.35'	3-4	RT																			20	
I-44 EBL	303+72.63	303+74.87	148.17'-46.35'	3-4	RT										84			1				45	1	131	
I-44 EBL	318+00.11		31.64'	3-9	LT		4			1														11	
I-44 EBL	317+99.97	317+99.75	34.14'-40.14	3-9	LT							6									1			6	
I-44 EBL	272+91.10		38.28'	3-4	LT			2		1														8	
I-44 EBL	272+93.53	274+51.17	38.28'LT-62.31'RT	3-4								174				1								146	
I-44 EBL	280+03.74		32.99'	3-6	LT		2			1														9	
I-44 EBL	280+03.74	280+30.85	30.49'LT-45.82'RT	3-5								82				1								106	
I-44 EBL	287+65.31		35.81'	3-6	LT		2			1														5	
I-44 EBL	287+65.31	287+65.22	33.31'LT-46.74'RT	3-6								80				1								1	
I-44 EBL	293+99.94		31.53'	3-7	LT		3			1														6	
I-44 EBL	294+00.00	293+03.33	29.35'LT-59.74'RT	3-7								126				1								133	
I-44 EBL	303+00.00		29.72'	3-8	LT		3			1														10	
I-44 EBL	303+01.50	303+70.70	29.88'LT-49.70'RT	3-8								84												100	
I-44 EBL	310+49.99		39.56'	3-9	LT		3			1														10	
I-44 EBL	310+48.48	309+40.43	39.56'LT-52.00'RT	3-9								142				1								111	
I-44 EBL	325+53.82		29.99'	3-10	LT		3			1														6	
I-44 EBL	325+53.81	325+53.66	27.49'LT-52.92'RT	3-10								75				1								45	
I-44 EBL	277+38.05		28.35'	3-11	LT		10			1														18	
I-44 EBL	277+10.47	277+36.03	16.13'LT-28.35'LT	3-11							26.6													35	
BYPASS 1	2+26.31	7+51.82																	525						
BYPASS 2	5+71.97	9+40.28																	370						
BYPASS 1	1+65.42	4+07.85																	242						
BYPASS 2	10+47.91	10+48.83																		32					
BYPASS 2	15+06.52	15+07.06																		21					
BYPASS 3	26+80.44																			14					
				TOTAL		3	57	2	2	21	46.7	812.9	8	197	84	6	2	1	1137	67	11	45	1	1239	
				PAYTOTAL		3	57	2	2	21	47	813	8	197	84	6	2	1	1137	67	11	45	1	1239	
						64																			

ROCK DITCH LINER

ROUTE	LOCATION	STA	STA	LENGTH	DITCH LINER TYPE	DITCH WIDTH	TOTAL WIDTH	DEPTH	SIDE SLOPES	SIDE SLOPES	FURNISHING TYPE 1	PLACING TYPE 1	FURNISHING TYPE 3	PLACING TYPE 3	BEDDING MATERIAL	GEOTEXTILE	REMARKS
								FT	LT	RT	CY	CY	CY	CY	CY	SY	
I-44 EB	RT	282+85.00	284+61.00	176.0	TYPE 1	8.0	20.0	2.0	3.0	3.0	87.3	87.3				391.1	
I-44 EB	RT	291+50.00	293+25.00	175.0	TYPE 1	0.0	12.0	2.0	3.0	3.0	52.1	52.1				233.3	
I-44 EB	RT	301+33.00	301+75.00	42.0	TYPE 3	0.0	12.0	2.0	3.0	3.0			12.5	12.5	2.1	56.0	
I-44 EB	RT	304+50.00	306+08.00	158.0	TYPE 1	8.0	20.0	2.0	3.0	3.0	78.4	78.4				351.1	
I-44 EB	RT	303+72.00	304+50.00	78.0	TYPE 3	0.0	12.0	2.0	3.0	3.0			23.2	23.2	3.9	104.0	
								PAY TOTAL			217.8	217.8	35.7	35.7	5.9	1,135.6	
								TOTAL			218.0	218.0	36.0	36.0	6.0	1,136.0	

SUMMARY OF QUANTITIES
SHEET 3 OF 8

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE I-44 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY WEBSTER

JOB NO. J713010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GUARDRAIL

ROUTE	BEGIN STA.	END STA.	LOCATION	MGS GUARDRAIL 6′ POSTS	MGS GUARDRAIL 3′ 1.5″ SPACING 6′ POSTS	TYPE A MASH 50′	END ANCHOR	SHAPEING SLOPES CLASS III	REMARKS
				LF	LF	EA	EA	STA	
I-44 WBL	158+74.82	167+06.34	LT	825		1	1	8.9	PAVEMENT REPLACEMENT
I-44 WBL	176+48.07	184+23.06	LT	775.0		1	1	8.4	PAVEMENT REPLACEMENT
I-44 WBL	308+10.50	338+85.50	RT	3075.0			1	30.9	PAVEMENT REPLACEMENT
I-44 WBL	304+72.29	311+22.29	LT	650.0		1	1	7.1	PAVEMENT REPLACEMENT
I-44 WBL	314+57.51	320+57.51	LT	600.0			1	6.1	PAVEMENT REPLACEMENT
I-44 WBL	297+58.49	338+83.49	RT	4125.0			1	41.4	PAVEMENT REPLACEMENT
I-44 EB	282+51.45	287+01.45	RT	450.0		1	1	5.1	CURVE REALIGNMENT
I-44 EB	288+53.83	293+53.83	RT	500.0		1	1	5.6	CURVE REALIGNMENT
I-44 EB	301+39.30	305+51.79	RT	412.5		1	1	4.8	CURVE REALIGNMENT
I-44 EB	334+92.32	369+04.82	LT	3412.5		1	1	34.8	PAVEMENT REPLACEMENT
RTE B	2+40.21	10+90.20	LT		850.0	1	1	9.1	ROUTE B DECEL LANE
		TOTALS		14,825	850	8	11	162.2	
		PAY TOTALS		14,825	850	8	11	162	

NOTE: GUARDRAIL LENGTHS DO NOT INCLUDE LENGTHS FOR END, TERMINAL, ANCHOR OR TRANSITION SECTIONS OR BULLNOSE

OPTIONAL PAVEMENT - BYPASS

ROUTE	STATION	STATION	LENGTH (FT)	WIDTH (FT)	OPTION PAVEMENT BYPASS (SY)	TYPE 5 AGGR (6IN THICK) SY	6" SUBGRADE COMPACTION (STA)	REMARKS
BYPASS 2	0+95.78	9+61.51	865.7	16	1,174.8	1,174.8	5.5	MEDIAN CROSSOVER
BYPASS 3	5+14.76	13+95.42	880.7	16	701.8	701.8	8.2	MEDIAN CROSSOVER
BYPASS 4	0+00.00	22+84.10	2284.1	30	6,079.7	6,079.7	22.8	EBL OUTSIDE SHLDR BYPASS
BYPASS 5	0+00.00	29+12.78	2912.8	30	8,493.7	8,493.7	29.1	EBL OUTSIDE SHLDR BYPASS
				TOTAL	16,450.0	16,450.0	65.6	
				PAY TOTAL	16,450.0	16,450.0	66.0	

PAVEMENT MARKING (PERMANENT)

ROUTE	LOCATION	STA.	STA.	HIGH BUILD WATERBORNE PAVMENT MARKING PAINT TYPE L BEADS			REMARKS
				6″ SOLID YELLOW (LF)	6″ SOLID WHITE (LF)	12″ SOLID WHITE (LF)	
WB I-44	LT/RT	75+79.13	322+57.00	24,663	24,655		PAVEMENT REPLACEMENT
WB I-44	LT/RT	75+79.13	322+57.00		6,165		INTERMITTENT (10′-30′)
EB I-44	LT	99+07.03	399+82.00	29,722			PAVEMENT REPLACEMENT
EB I-44	CT	99+07.03	399+82.00		7,431		INTERMITTENT (10′-30′)
EB I-44	RT	99+07.03	349+47.53		24,692		PAVEMENT REPLACEMENT
EB I-44	DECEL LANE	349+47.53	353+85.41		109		PAVEMENT REPLACEMENT
EB I-44	GORE	353+85.41	356+13.48			456	PAVEMENT REPLACEMENT
EB I-44	RT	356+13.48	379+96.52		2,380		PAVEMENT REPLACEMENT
EB I-44	GORE	379+96.52	382+00.86			409	PAVEMENT REPLACEMENT
EB I-44	ACCEL LANE	382+00.86	385+74.27		93		PAVEMENT REPLACEMENT
EB I-44	RT	385+74.27	399+82.00		1,410		PAVEMENT REPLACEMENT
EB I-44	LT/RT	262+92	322+57.00	7,082	7,090		CURVE REALIGNMENT
EB I-44	LT/RT	262+92	322+57.00		1,772		INTERMITTENT (10′-30′)
ROUTE B	LT	0+00.00	10+73.71		1071.1		DECEL LANES
ROUTE B	RT	2+06.03	10+73.71		216.8		DECEL LANES
ROUTE B	RT	0+00.00	2+06.03			413.3	DECEL LANES
ROUTE 38	RT	0+00.00	15+26.02		1522.7		DECEL LANES
ROUTE 38	LT	0+00.00	11+28.11		282		DECEL LANES
ROUTE 38	LT	11+28.11	14+26.64			596.1	DECEL LANES
SAMPSON RD	RT	0+00.00	16+61.04		1658.9		DECEL LANES
SAMPSON RD	LT	0+00.00	13+42.03		335.5		DECEL LANES
SAMPSON RD	LT	13+42.03	15+22.12			359.7	DECEL LANES
CONWAY REST AREA WB	LT	0+00.00	13+00.40		1292.6		DECEL LANES
CONWAY REST AREA WB	LT	1+68.16	13+00.40		283.1		DECEL LANES
CONWAY REST AREA WB	RT	0+00.00	1+68.16			325.7	DECEL LANES
CONWAY REST AREA EB	RT	0+00.00	11+87.52		1185		DECEL LANES
CONWAY REST AREA EB	LT	0+00.00	9+82.17		245.5		DECEL LANES
CONWAY REST AREA EB	LT	9+82.17	11+87.52			384.1	DECEL LANES
			TOTALS	61,466.71	83,889.89	2,944.15	
			PAY TOTALS	61,467	83,890	2,944	

CUT EXIST CABLE, INSTALL ANCHOR & RETENSION CABLE
TOTAL = 1 EACH

ADDITIONAL MOBILIZATION FOR SEEDING
TOTAL = 4 EACH

SUMMARY OF QUANTITIES
SHEET 4 OF 8

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY WEBSTER
JOB NO. J713010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

PULL BOX, CONCRETE, STANDARD

BOX NO.	BOX NO.	ROUTE	CIRCUIT	STATION	LOCATION	DRAIN TYPE	PULL BOX TYPE 1 (EA)	REMARKS
1		RTE B	1	17+61.56	LT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
2		RTE B	1	17+61.90	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
	A	RTE B	1	17+63.32	LT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
	B	RTE B	1	17+66.05	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
3	C	RTE B	1	13+55.75	RT	1 (STONE DRAIN)	2	USE EXISTING RAMP ALIGNMENT
	D	RTE B	1	11+22.75	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
4	E	RTE B	1	8+56.38	RT	1 (STONE DRAIN)	2	USE EXISTING RAMP ALIGNMENT
	F	RTE B	1	3+73.41	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
	G	RTE B	1	1+82.41	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
	H	RTE B	1	1+80.99	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
5		RTE 38	EXISTING	4+95.62	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
6		SAMPSON RD	1	N/A	RT	1 (STONE DRAIN)	1	
7		SAMPSON RD	1	21+00.10	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
8		SAMPSON RD	1	16+24.46	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
9		SAMPSON RD	1	11+24.46	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
10		SAMPSON RD	1	6+24.17	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
	I	SAMPSON RD	1	N/A	RT	1 (STONE DRAIN)	1	
	J	SAMPSON RD	1	N/A	RT	1 (STONE DRAIN)	1	
11		EB CONWAY REST AREA	EXISTING	5+85.95	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
12		WB CONWAY REST AREA	EXISTING	N/A	RT	1 (STONE DRAIN)	1	USE EXISTING RAMP ALIGNMENT
						TOTAL	22	

CONTROL STATION, POWER SUPPLY ASSEMBLY

ROUTE	STATION	LOCATION	BASE MOUNTED CONTROL STATION 240 VOLT-4 CIRCUIT (EA)	POWER SUPPLY ASSEMBLY, TYPE 2, 240/120 VOLT SERVICE, LIGHTING ONLY (EA)
RTE B	2+39.98	LT	1	
RTE B	2+62.00	LT		1
SAMPSON RD	10+08.71	RT	1	
SAMPSON RD	9+91.81	RT		1
		TOTAL	2	2

LIGHTING CABLES, CONDUITS AND TRENCHING

ROUTE	LOCATION FROM	LOCATION TO	CIRCUIT	CENTER-TO-CENTER CONTROLLER OR POLE TO POLE (FT)	1" CABLE-CONDUIT 2 COND. & 1 BARE NEUTRAL #8 AWG (FT)	CABLE 2 AWG 1 COND. (FT)	CABLE 500 KCMIL 3 COND. 4/0 AWG GROUND (FT)	CABLE 250 KCMIL 3 COND. 1 AWG GROUND (FT)	TYPE 1 TRENCHING (FT)	2" TRENCHED CONDUIT (FT)	3" PUSHED CONDUIT (FT)	4" TRENCHED CONDUIT (FT)	4" PUSHED CONDUIT (FT)	4" EXTERNAL CONDUIT (FT)	REMARKS
RTE B	SOURCE	PS	N/A	1,757			5,526					1,685		30	EXIST. RAMP ALIGNMENT
RTE B	PS	CONTROLLER	N/A	20		108				28					EXIST. RAMP ALIGNMENT
RTE B	CONTROLLER	L1	1	1,486	1,526				1,486						EXIST. RAMP ALIGNMENT
RTE B	PB A	PB B	1	43									37		EXIST. RAMP ALIGNMENT
RTE B	PB 1	PB 2	1	38							32				EXIST. RAMP ALIGNMENT
RTE B	PB F	PB G	1	35									29		EXIST. RAMP ALIGNMENT
RTE 38	PB 5	L2	EXISTING	254	267				254						PROP. DECEL ALIGNMENT
SAMPSON RD.	SOURCE	PS	N/A	771				2,567				742		30	EXIST. RAMP ALIGNMENT
SAMPSON RD.	PS	CONTROLLER	N/A	20		108				28					EXIST. RAMP ALIGNMENT
SAMPSON RD.	CONTROLLER	L1	1	1,769	1,815				1,769						EXIST. RAMP ALIGNMENT
SAMPSON RD.	PB 6	PB 7	1	41							35				EXIST. RAMP ALIGNMENT
EB CONWAY REST AREA	PB 11	L4	EXISTING	178	191				178						PROP. DECEL ALIGNMENT
WB CONWAY REST AREA	PB 12	L5	EXISTING	229	242				229						PROP. DECEL ALIGNMENT
			TOTALS		4,041	216	5,526	2,567	3,916	56	67	2,427	66	60	
			PAY TOTAL		4,040	220	5,530	2,570	3,916	56	67	2,427	66	60	

LIGHT POLES, LUMINAIRES, WIRE, BRACKET ARMS, AND FOUNDATIONS

POLE NO.	ROUTE	CIRCUIT	STATION	LOCATION (FT)	LUMINAIRE LED-B ARM MOUNTED (EA)	LIGHTING POLE 45 FT., TYPE AT DESIGN 2 (EA)	BRACKET ARM 15 FT. (EA)	#10 AWG CABLE 1 COND. POLE & BRACKET (FT)	POLE FOUNDATION 45 FT. MOUNTING HEIGHT (EA)	REMARKS
L1	RTE B	1	8+17.72	26.5 (RT)	1	1	1	120	1	USE EXISTING RAMP ALIGNMENT
L2	RTE 38	EXISTING	10+77.76	31.2 (RT)	1	1	1	120	1	USE PROPOSED DECEL ALIGNMENT
L3	SAMPSON RD	1	12+92.73	26.0 (RT)	1	1	1	120	1	USE EXISTING RAMP ALIGNMENT
L4	EB CONWAY REST AREA	EXISTING	9+32.17	26.5 (RT)	1	1	1	120	1	USE PROPOSED DECEL ALIGNMENT
L5	WB CONWAY REST AREA	EXISTING	10+82.24	28.3 (RT)	1	1	1	120	1	USE PROPOSED DECEL ALIGNMENT
				TOTALS	5	5	5	600	5	

TURF REINFORCEMENT MAT

ROUTE	LOCATION	STA	STA	LENGTH	DITCH LINER TYPE	DITCH WIDTH	TOTAL WIDTH	DEPTH FT	SIDE SLOPES LT	SIDE SLOPES RT	TURF REINF. MAT SY	REMARKS
I-44 EB	RT	263+90.00	270+78.00	688.0	TYPE 1	0.0	18.0	2.0	6.0	3.0	1,376.0	
								TOTAL			1,376.0	

SUMMARY OF QUANTITIES
SHEET 5 OF 8

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY WEBSTER
JOB NO. J713010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ITS - PULL BOXES

PULL BOX NO.	ROUTE	STATION	OFFSET	PULL BOX ITS CLASS 2 (EA)	PULL BOX ITS CLASS 5 (EA)	REMARKS
PB 21	I-44 EAST	230+54.87	26.32' RT	1		
PB 22	I-44 EAST	245+49.44	23.02' RT	1		
PB 23	I-44 EAST	255+43.41	78.63' RT	1		
PB 24	I-44 EAST	255+64.51	39.33' RT	1		
PB 25	I-44 EAST	264+70.36	137.73' RT		1	
			TOTAL	4	1	

ITS QUANTITIES - CABLES, CONDUIT

ROUTE	LOCATION FROM	LOCATION TO	CENTER TO CENTER (LF)	FIBER OPTIC CABLE (LF)	2" TRENCHED CONDUIT (LF)	3" PUSHED CONDUIT (LF)	MISC. CCTV CAMERA CABLE (LF)	REMARKS
ROUTE B	CONTROLLER	PB 25	21	61	20		100	
I-44 EAST	PB 25	PB 24	908	948	906			
I-44 EAST	PB 24	PB 23	45	85		43		
I-44 EAST	PB 23	PB 22	993	1033	991			
I-44 EAST	PB 22	PB 21	1,496	1536	1494			
I-44 EAST	PB 21	EXIST. PB	53	93		51		
			TOTALS	3,756	3,411	94	100	
			PAY TOTALS	3,760	3,411	94	100	

SEE JSP FOR FIBER OPTIC CABLE REMOVAL REQUIREMENTS. SLACK OF 20' INCLUDED AT PB AND CONTROLLER FOR FIBER OPTIC CABLE.

ITS QUANTITIES - CCTV EQUIPMENT

ROUTE	LOCATION	STATION	OFFSET	CCTV POLE, INSTALLED (EA)	CCTV POLE FOUNDATION (EA)	MISC. CCTV CAMERA ASSEMBLY (EA)	MISC. INSTALL CCTV CAMERA ASSEMBLY (EA)	REMARKS
I-44 EAST	NEW POST	264+91.75	138.11' RT	1	1	1	1	
			TOTALS	1	1	1	1	

POWER SUPPLY ASSEMBLY TYPE 2, 240/120 V
1 EACH

PRELIMINARY

SUMMARY OF QUANTITIES
SHEET 6 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY WEBSTER
JOB NO. J713010
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)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ALTERNATE PAVEMENT -ASPHALT

ROUTE	STA.	STA.	LENGTH	WIDTH	ALTERNATE PAVEMENT 14 1/2" ASPHALT PAVEMENT (SY)	18" ROCK BASE (SY)	6" SUBGRADE COMPACTION (STA)	ASPH. SHLDR RUMBLE STRIP (STA)	REMARKS
I-44 WBL	75+79.13	320+50.14	24,471	41	111,479.0	111,479.0	244.7	489.4	PAVEMENT REPLACEMENT
I-44 EBL	263+92.00	332+77.85	6,886	41	31,369.6	31,369.6	37.8	137.7	CURVE REALIGNMENT
ROUTE B	0+00.00	10+73.77	1,074	VAR	868.8	868.8	10.7	0	DECEL LANE
ROUTE 38	0+00.00	15+26.02	1,526	VAR	1301.9	1301.9	15.3	0	DECEL LANE
SAMPSON RD	0+00.00	16+61.04	1,661	VAR	1295.1	1295.1	16.6	0	DECEL LANE
CONWAY REST AREA WB	0+00.00	13+00.40	1,300	VAR	1078.5	1078.5	13.0	0	DECEL LANE
CONWAY REST AREA EB	0+00.00	11+87.52	1,188	VAR	897.3	897.3	11.9	0	DECEL LANE
			TOTALS		148,290.2	148,290.2	350.0	627.1	
			PAY TOTALS		148,290.2	148,290	350.0	627.0	

PRELIMINARY

ALTERNATE PAVEMENT – CONCRETE

SUMMARY OF QUANTITIES
SHEET 7 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	3

COUNTY: WEBSTER
JOB NO.: J7I3010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ALTERNATE PAVEMENT -ASPHALT									
ROUTE	STA.	STA.	LENGTH	WIDTH	ALTERNATE PAVEMENT 14 1/2" ASPHALT PAVEMENT (SY)	18" ROCK BASE (SY)	6" SUBGRADE COMPACTION (STA)	ASPH. SHLDR RUMBLE STRIP (STA)	REMARKS
I-44 WBL	75+79.13	320+50.14	24,471	41	111,479.0	111,479.0	244.7	489.4	PAVEMENT REPLACEMENT
I-44 EBL	263+92.00	332+77.85	6,886	41	31,369.6	31,369.6	37.8	137.7	CURVE REALIGNMENT
ROUTE B	0+00.00	10+73.77	1,074	VAR	868.8	868.8	10.7	0	DECEL LANE
ROUTE 38	0+00.00	15+26.02	1,526	VAR	1301.9	1301.9	15.3	0	DECEL LANE
SAMPSON RD	0+00.00	16+61.04	1,661	VAR	1295.1	1295.1	16.6	0	DECEL LANE
CONWAY REST AREA WB	0+00.00	13+00.40	1,300	VAR	1078.5	1078.5	13.0	0	DECEL LANE
CONWAY REST AREA EB	0+00.00	11+87.52	1,188	VAR	897.3	897.3	11.9	0	DECEL LANE
				TOTALS	148,290.2	148,290.2	350.0	627.1	
				PAY TOTALS	148,290.2	148,290	350.0	627.0	

PRELIMINARY

ALTERNATE PAVEMENT - ASPHALT

SUMMARY OF QUANTITIES
SHEET 7 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY WEBSTER
JOB NO. J7I3010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE: 04-01-2023

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
WO1-4L	48X48	16.00	2	32			33	REVERSE CURVE (SYMBOL LEFT ARROW)
WO1-4R	48X48	16.00	2	32			32	REVERSE CURVE (SYMBOL RIGHT ARROW)
WO1-4bL	48X48	16.00	4	64			36	DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4bR	48X48	16.00	4	64			35	DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00	8	128			3,3A	SPEED LIMIT AHEAD 6-50 MPH; 2-60 MPH
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (ARROW SYMBOL)
WO4-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
WO5-1	48X48	16.00	11	176			43	ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00	2	32			34	NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO6-6A	48X48	16.00	2	32			S-1, S-2	MULTI LANE TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	11	176			2	ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00						ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	4	64			20	RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00						FLAGGER (SYMBOL, WITH FLAGS)
WO21-5bL	48X48	16.00	2	32			8	LEFT SHOULDER CLOSED AHEAD
WO21-5aL	48X48	16.00	2	32			7	LEFT SHOULDER CLOSED
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19	2	4.38			70	WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00	2	24			49	GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	2	20			1	ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16			26	END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	20	120			54	WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR (ARROW LEFT)
MO4-10R	48X18	6.00						DETOUR (ARROW RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	22	264			4,4A,5	SPEED LIMIT 8-50 MPH; 4-60 MPH; 10-70 MPH
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00	6	72			47	PASS WITH CARE
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R4-9	36X48	12.00	2	24			73	KEEP RIGHT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00	4	20			53	FINE SIGN
CONST-3X	56X12	4.67	4	18.68			53A	SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00	1	32			71	POINT OF PRESENCE
CONST-7	48X24	8.00						RATE OUR WORK ZONE
CONST-7	72X36	18.00	1	18			72	RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24			55	WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL 1265
616-10.10 RELOCATED SIGNS	TOTAL 0

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123000A	3	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008	16	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	480	CHANNELIZER (TRIM LINE)
6161030		TYPE III MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040	1	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055	12	SEQUENTIAL FLASHING WARNING LIGHT
6161070	1185	TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6161099	6	CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE - CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002	10	TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D	38592.5	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A	56600	RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A	10,265	TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6205303B	244,389'	TEMPORARY REMOVEABLE PAVEMENT MARKING TAPE 4" YELLOW
6205301B	260,204'	TEMPORARY REMOVEABLE PAVEMENT MARKING TAPE 4" WHITE
6169901	1	INTELLIGENT WORK ZONE (SEE JOB SPECIAL PROVISIONS)

PRELIMINARY

SUMMARY OF QUANTITIES
SHEET 8 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 3
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

NO.	DESCRIPTION	DATE

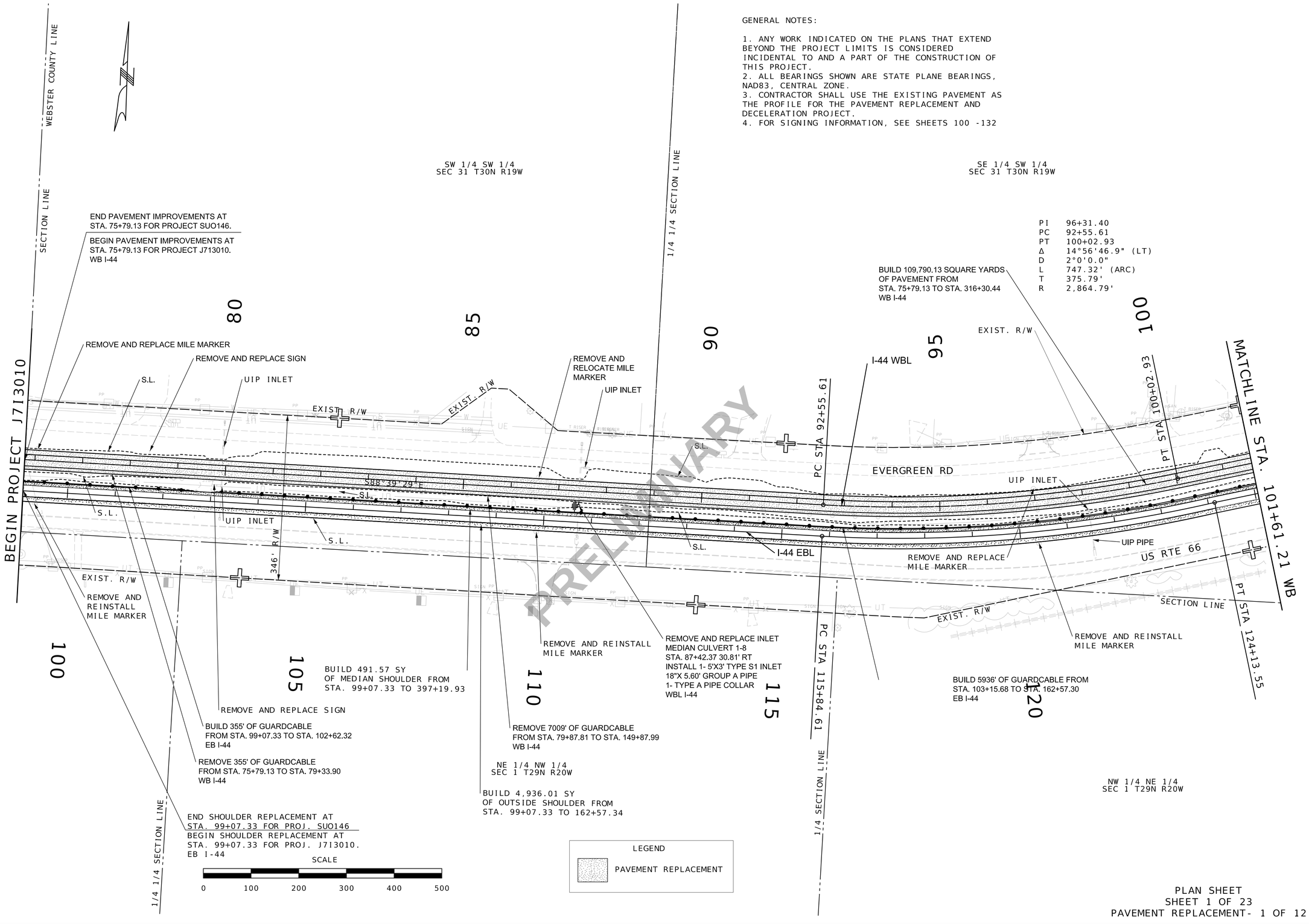
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

GENERAL NOTES:

1. ANY WORK INDICATED ON THE PLANS THAT EXTEND BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.
2. ALL BEARINGS SHOWN ARE STATE PLANE BEARINGS, NAD83, CENTRAL ZONE.
3. CONTRACTOR SHALL USE THE EXISTING PAVEMENT AS THE PROFILE FOR THE PAVEMENT REPLACEMENT AND DECELERATION PROJECT.
4. FOR SIGNING INFORMATION, SEE SHEETS 100 -132



PRELIMINARY

PLAN SHEET
SHEET 1 OF 23
PAVEMENT REPLACEMENT- 1 OF 12

Preliminary Plans - NOT FOR CONSTRUCTION

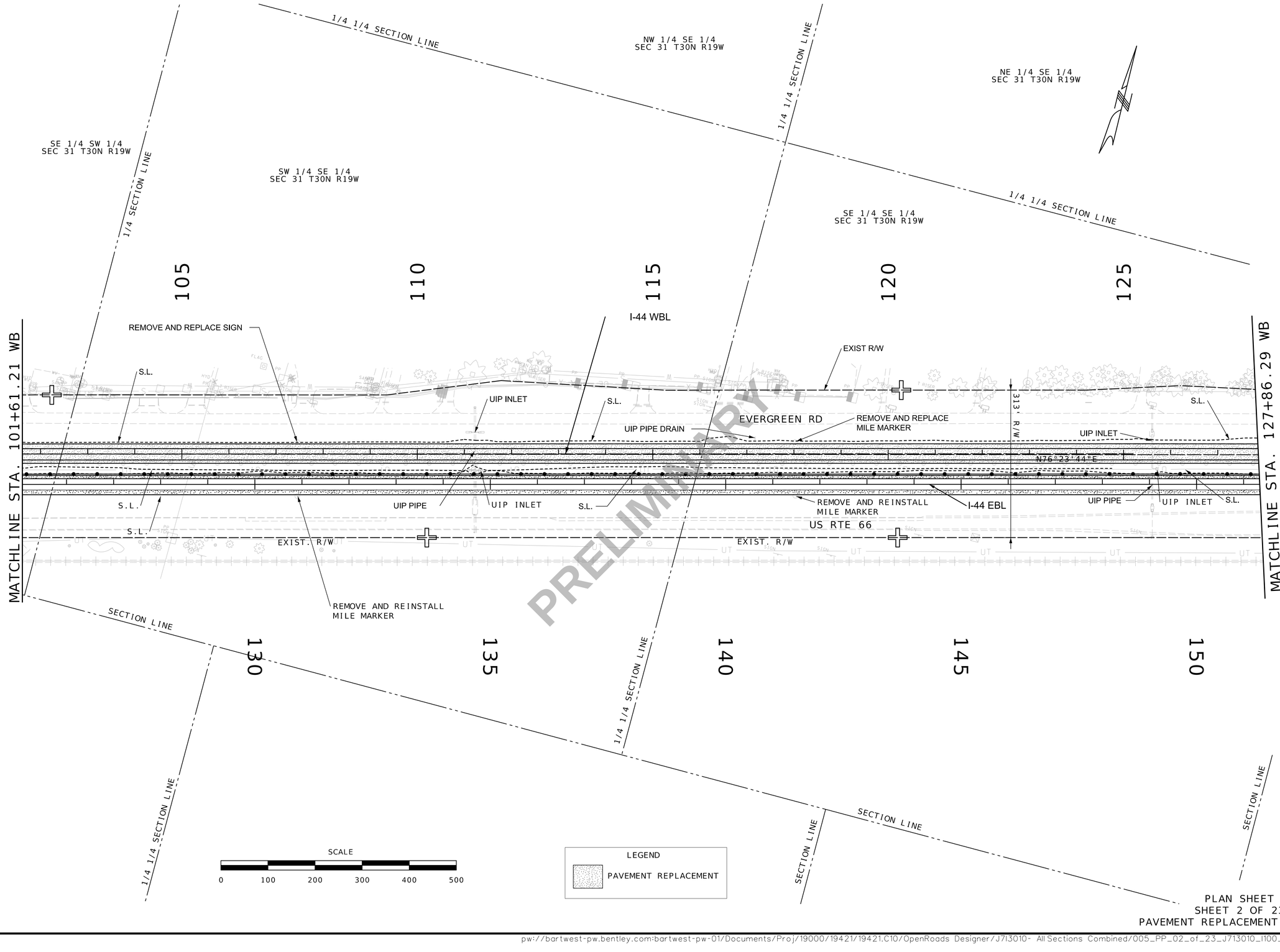
DATE PREPARED	3/18/2024
ROUTE	I-44
STATE	MO
DISTRICT	SW
SHEET NO.	4
COUNTY	WEBSTER
JOB NO.	J713010
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	5

COUNTY WEBSTER

JOB NO. J713010

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)

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

PLAN SHEET
SHEET 2 OF 23
PAVEMENT REPLACEMENT- 2 OF 12

MATCHLINE STA. 127+68.29 WB

NW 1/4 SW 1/4
SEC 32 T30N R19W

NE 1/4 SW 1/4
SEC 32 T30N R19W

SW 1/4 SW 1/4
SEC 32 T30N R19W

SE 1/4 SW 1/4
SEC 32 T30N R19W

SECTION LINE

1/4 1/4 SECTION LINE

130 135 140 145 150 155 160 165 170 175

REMOVE AND REPLACE MILE MARKER

REMOVE AND REPLACE SIGNS

REMOVE AND REPLACE INLET
MEDIAN CULVERT 1-11
STA. 125+65.47 35.00' LT.
INSTALL 1- TYPE S2 INLET
WB I-44

REMOVE AND REPLACE INLET
MEDIAN CULVERT 1-11
STA. 125+65.47 35.00' LT.
INSTALL 1- TYPE S2 INLET
WB I-44

REMOVE AND REPLACE MILE MARKER

EXIST. R/W

S.L.

EVERGREEN RD

N76°23'44"E

N16°21'42"E

S.L.

DND MISC. PAVED SURFACE

PC STA 146+05.63

S.L.

I-44 WBL

REMOVE AND REPLACE MILE MARKER

EXIST. R/W

MATCHLINE STA. 154+53.18 WB

UIP INLET

UIP PIPE

UIP INLET

S.L.

REMOVE AND REINSTALL MILE MARKER

I-44 EBL

REMOVE AND REINSTALL MILE MARKER

US RTE 66

EXIST. R/W

313' R/W

EXIST. R/W

REMOVE AND REINSTALL
MILE MARKER

REMOVE AND REPLACE INLET
MEDIAN INLET 1-12
STA. 132+23.63 35.89' RT
INSTALL 1-5'X 3'TYPE S1 INLET
15" X 5.00' GROUP A PIPE
INSTALL 1- TYPE A PIPE COLLAR

REMOVE AND REPLACE INLET
MEDIAN INLET 1-12
STA. 136+22.43 36.27' RT
INSTALL 1-5'X 3' TYPE S1 INLET
15" X 5.10' GROUP A PIPE
INSTALL 1-TYPE A PIPE COLLAR

END SHOULDER REPLACEMENT
AT STA. 162+57.34 FOR
PROJ. J713010.
EB I-44

GUARDCABLE IS CONTINUOUS THRU CURVE
REALIGNMENT ON I-44 EASTBOUND LANE.
SEE SHEETS 16-21 FOR GUARDCABLE INSTALLATION.

1/4 1/4 SECTION LINE

1/4 1/4 SECTION LINE

SEE CURVE REALIGNMENT SHEETS FOR LIMITS OF EB I-44 REMOVAL

SCALE

0 100 200 300 400 500

LEGEND

PAVEMENT REPLACEMENT

PRELIMINARY

PLAN SHEET
SHEET 3 OF 23
PAVEMENT REPLACEMENT- 3 OF 12

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	6

COUNTY WEBSTER

JOB NO. J713010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

LEGEND

PAVEMENT REPLACEMENT

NW 1/4 NE 1/4
SEC 32 T30N R19W

NE 1/4 SW 1/4
SEC 32 T30N R19W

SE 1/4 NW 1/4
SEC 32 T30N R19W

SW 1/4 NE 1/4
SEC 32 T30N R19W

1/4 SECTION LINE

1/4 1/4 SECTION LINE

PI 158+36.96
PC 146+05.63
PT 169+31.19
Δ 46°34'17.5" (LT)
D 2°0'9.3"
L 2,325.56' (ARC)
T 1,231.33'
R 2,861.07'

MATCHLINE STA. 154+53.18 WB

MATCHLINE STA. 180+78.18 WB

155

160

165

170

175

180

185

205

REMOVE & INSTALL 775' OF GUARDRAIL FROM STA. 176+48.07 TO STA. 184+23.06 WB I-44

REMOVE AND REPLACE SIGN

REMOVE AND RELOCATE SIGN

REMOVE AND RELOCATE SIGN

EXIST. R/W

S.L.

UIP PIPE

UIP INLET

EVERGREEN RD

PT STA 169+31.19

N29°49'26"E

UIP PIPE

UIP CULVERT

REMOVE & RELOCATE MILE MARKER TO NEW EASTBOUND LANE

UIP CULVERT

REMOVE AND INSTALL 825' OF GUARDRAIL FROM STA. 158+74.82 TO STA.167+06.34 WB I-44

UIP CULVERT AND PIPE

I-44 WBL

I-44 EBL

SEE CURVE REALIGNMENT SHEETS FOR LIMITS OF EB I-44 REMOVAL

PC STA 180+81.

NO9°48'11"E

PT STA 202+37.03

REMOVE & RELOCATE MILE MARKER TO NEW EASTBOUND LANE

US RTE 66 (UIP)

SCALE

0 100 200 300 400 500

PRELIMINARY

PLAN SHEET
SHEET 4 OF 23
PAVEMENT REPLACEMENT- 4 OF 12

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	7

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

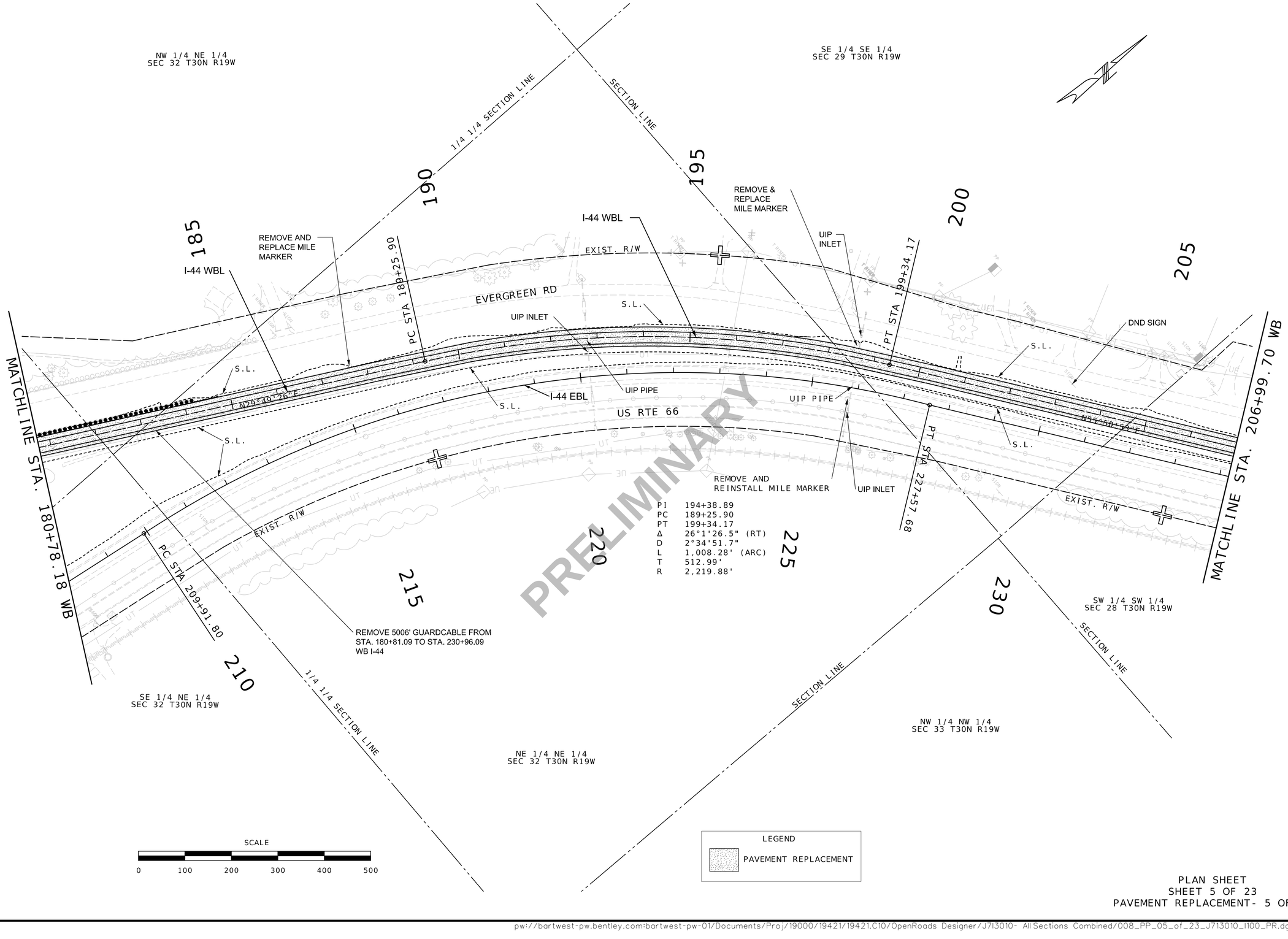
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PLAN SHEET
SHEET 5 OF 23
PAVEMENT REPLACEMENT- 5 OF 12

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	8

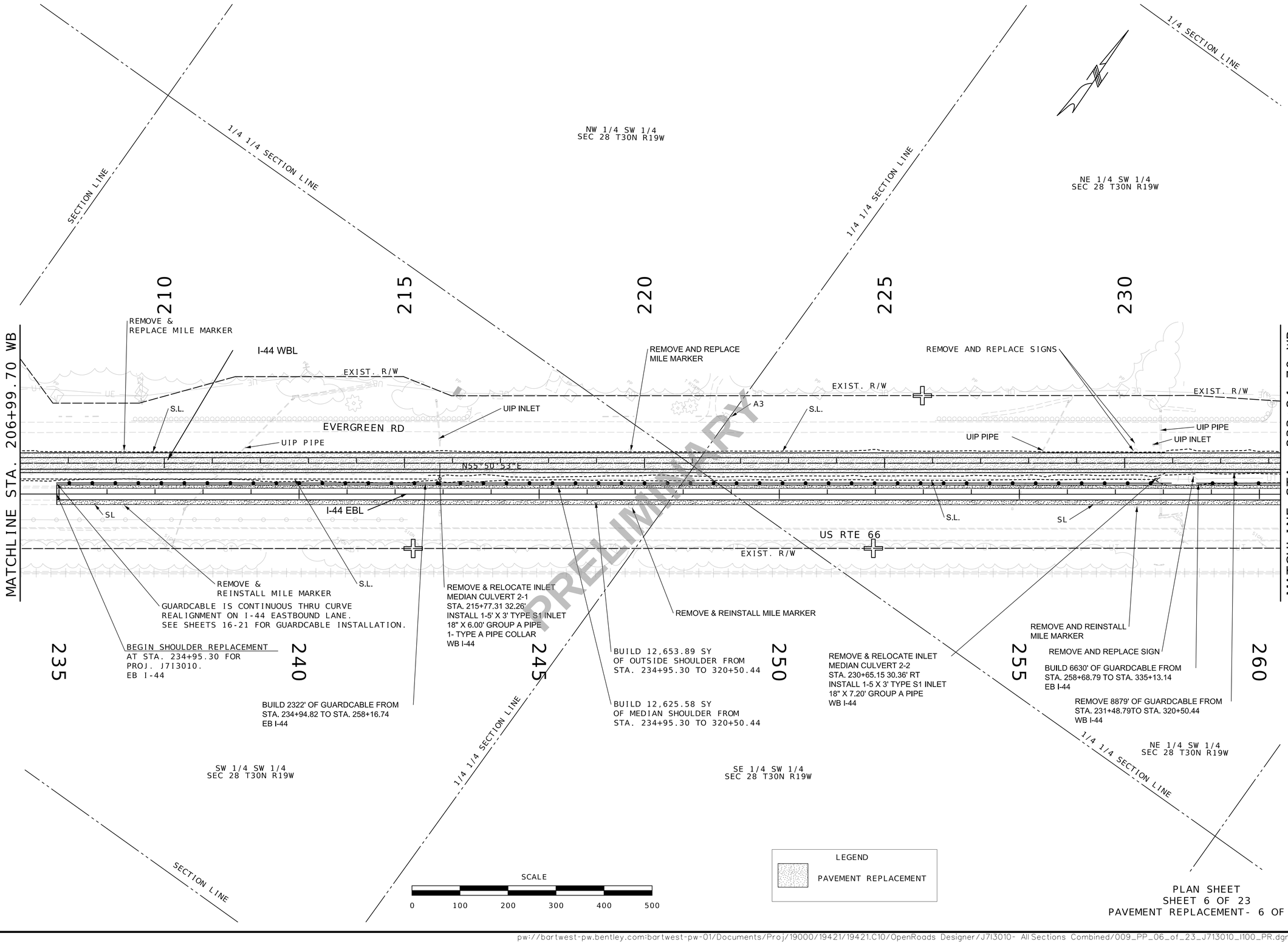
COUNTY: WEBSTER
JOB NO.: J7I3010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PLAN SHEET
SHEET 6 OF 23
PAVEMENT REPLACEMENT- 6 OF 12

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	9

COUNTY: WEBSTER
JOB NO.: J7I3010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

SE 1/4 NW 1/4
SEC 28 T30N R19W

SW 1/4 NE 1/4
SEC 28 T30N R19W

NE 1/4 SW 1/4
SEC 28 T30N R19W

NW 1/4 SE 1/4
SEC 28 T30N R19W

SE 1/4 NE 1/4
SEC 28 T30N R19W

1/4 SECTION LINE

1/4 1/4 SECTION LINE

235 240 245 250 255 260 265 270 275 280 285

MATCHLINE STA. 233+24.70 WB

MATCHLINE STA. 259+49.70 WB

EVERGREEN RD

US RTE 66

I-44 WBL

I-44 EBL

EXIST. R/W

342' R/W

N55°50'53"E

N55°51'21"E

S.L.

SL

UIP INLET & PIPE

REMOVE & REPLACE MILE MARKER

REMOVE & REINSTALL MILE MARKER

REMOVE & REPLACE INLET
MEDIAN CULVERT 2-4
STA. 241+82.84 36.13' RT
INSTALL 1- 5'X3' TYPE S1 INLET
24" X 8.00' GR. A PIPE
WB I-44

REMOVE & REPLACE INLET
MEDIAN CULVERT 2-3
STA. 241+59.00 35.91' RT
INSTALL 1- 5'X 3' TYPE S1
INLET 18" X 7.30' GROUP A
PIPE WB I-44

REMOVE & RELOCATE INLET
MEDIAN CULVERT 2-5
STA. 259+47.91 28.11' RT
INSTALL 1- 5'X 3' TYPE S3 INLET
INSTALL 1- TYPE A PIPE COLLAR
INSTALL 18" X 6.00 GROUP A PIPE
WB I-44

PRELIMINARY

SCALE
0 100 200 300 400 500

LEGEND
PAVEMENT REPLACEMENT

PLAN SHEET
SHEET 7 OF 23
PAVEMENT REPLACEMENT- 7 OF 12

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 10
COUNTY WEBSTER
JOB NO. J713010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

NE 1/4 NE 1/4
SEC 28 T30N R19W

SW 1/4 SW 1/4
SEC 22 T30N R19W

SECTION LINE

SECTION LINE

1/4 1/4 SECTION LINE

260 265 270 275 280 285

MATCHLINE STA. 259+49.70 WB

MATCHLINE STA. 285+74.70 WB

EXIST. R/W

S.L.

REMOVE AND REPLACE SIGN

S.L.

303', R/W

REMOVE & REPLACE SIGN

N55°50'53"E

REMOVE AND RELOCATE INLET
MEDIAN INLET 2-6
STA. 276+59.54 38.43' RT
1- 5' X 3' TYPE S3 INLET
18" X 6.00 GROUP A PIPE
1- TYPE A PIPE COLLAR

I-44 WBL

REMOVE AND REPLACE SIGN

EXIST. R/W

S.L.

EVERGREEN RD

UIP INLET

S.L.

SL

REMOVE AND REINSTALL MILE MARKER

EXIST. R/W

S.L.

UIP INLET

I-44 EBL

US RTE 66

S.L.

SL

EXIST. R/W

REMOVE AND REINSTALL MILE MARKER

REMOVE AND REINSTALL MILE MARKER

PRELIMINARY

290 295 300 305 310

SE 1/4 NE 1/4
SEC 28 T30N R19W

SW 1/4 NW 1/4
SEC 27 T30N R19W

NW 1/4 NW 1/4
SEC 27 T30N R19W

SECTION LINE

1/4 1/4 SECTION LINE

1/4 1/4 SECTION LINE

SEE CURVE REALIGNMENT SHEETS FOR LIMITS OF EB I-44 REMOVAL

SCALE

0 100 200 300 400 500

LEGEND

PAVEMENT REPLACEMENT

PLAN SHEET
SHEET 8 OF 23
PAVEMENT REPLACEMENT- 8 OF 12

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

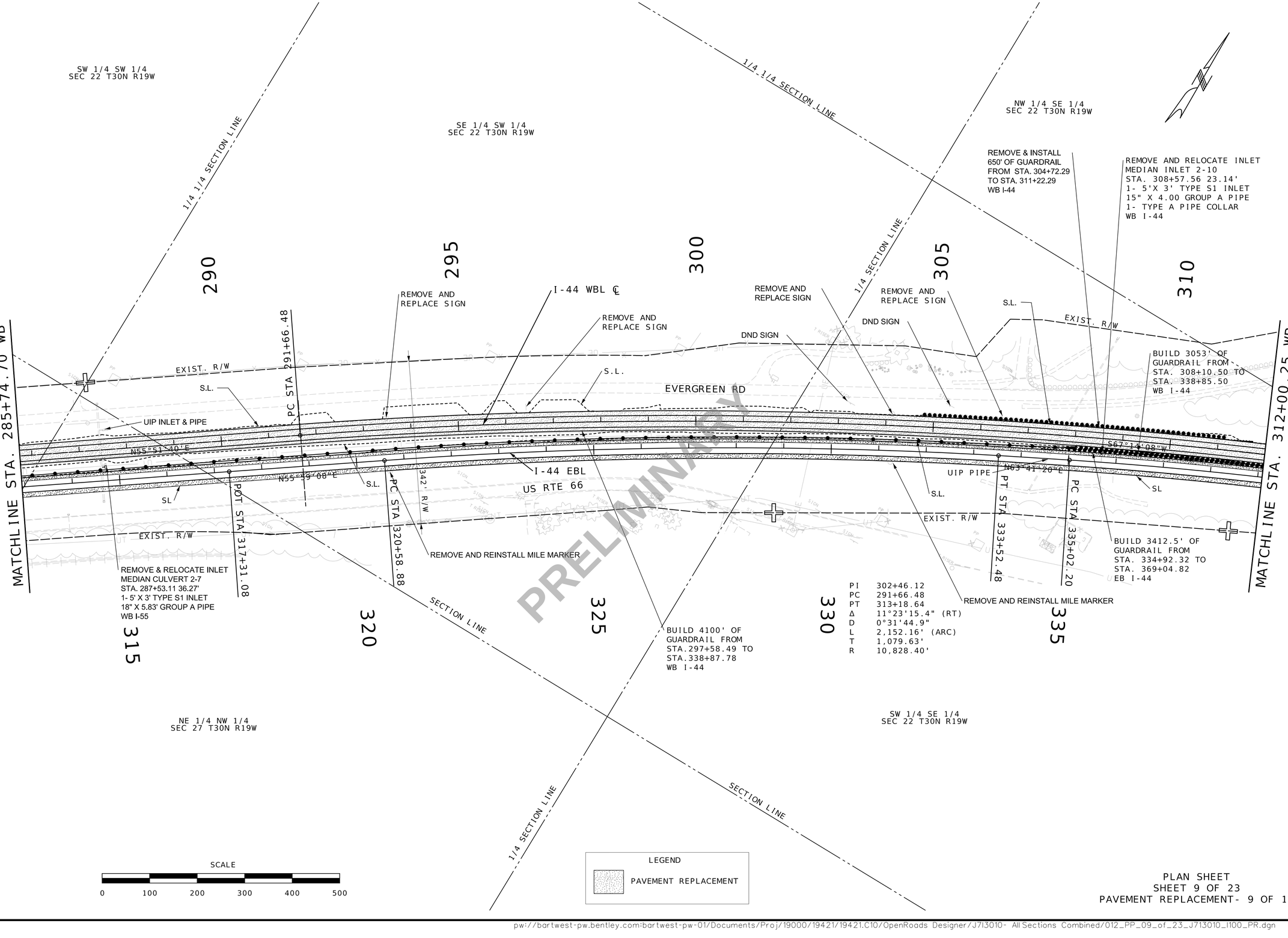
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PLAN SHEET
SHEET 9 OF 23
PAVEMENT REPLACEMENT- 9 OF 12

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	12

COUNTY: WEBSTER
JOB NO.: J713010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

NW 1/4 SE 1/4
SEC 22 T30N R19W

NE 1/4 SE 1/4
SEC 22 T30N R19W

NW 1/4 SE 1/4
SEC 23 T30N R19W

SE 1/4 SE 1/4
SEC 22 T30N R19W

1/4 1/4 SECTION LINE

1/4 SECTION LINE

SECTION LINE

EXIST. R/W

EVERGREEN ST

MATCHLINE STA. 312+00.25 WB

MATCHLINE STA. 366+00.00 EB

BUILD 378.33 SQUARE YARDS
OF PAVEMENT FROM
STA. 316+30.44 TO STA. 320+50.44
WB I-44

REMOVE AND
REPLACE SIGN

S.L.

I-44 WBL

PC STA 313+27.59

PT STA 313+18.64

S67°14'08"W

END PAVEMENT REPLACEMENT
STA. 316+30.44
WB I-44

REMOVE & INSTALL 600' OF
GUARDRAIL FROM STA. 314+57.51
TO STA. 320+57.51
WB I-44

(R) EXIST. GUARDCABLE

END SHOULDER TAPER
AT STA. 320+50.44
WB I-44

STA. 297+62.78 TO STA. 338+87.78
INSTALL 4125' OF MGS GUARDRAIL
INCLUDE 1- MSG END ANCHOR

N70°25'57"W

PT STA 344+74.58

PC STA 345+22.88

FULL DEPTH SHOULDER

END OUTSIDE
SHOULDER
REPLACEMENT
AT STA. 320+50.44
WB I-44

EXIST. R/W

END SHOULDER TAPER
AT STA. 320+50.44
WB I-44

I-44 EBL ℄

REMOVE AND REINSTALL
MILE MARKER

REMOVE AND REINSTALL
MILE MARKER

N79°16'56"E

PT STA 355+51.67

PC STA 356+51.54

REMOVE AND RELOCATE INLET
MEDIAN INLET 2-11
1- 3'X 3' TYPE S1 INLET
15" X 6.00 GROUP A PIPE
1- TYPE A PIPE COLLAR
WB I-44

PT STA 337+21.81

END WB ℄

REMOVE AND REINSTALL
GUARDRAIL

REMOVE AND REINSTALL
MARKER

PI 325+34.59
PC 313+27.59
PT 337+21.81
Δ 17°57'6.8" (RT)
D 0°44'59.3"
L 2,394.22' (ARC)
T 1,207.00'
R 7,641.45'

SCALE
0 100 200 300 400 500

LEGEND
PAVEMENT REPLACEMENT

PRELIMINARY

PLAN SHEET
SHEET 10 OF 23
PAVEMENT REPLACEMENT- 10 OF 12

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	13

COUNTY
WEBSTER

JOB NO.
J713010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

1/4 SECTION LINE

1/4 SECTION LINE

1/4 SECTION LINE

NW 1/4 SE 1/4
SEC 23 T30N R19W

NE 1/4 SW 1/4
SEC 23 T30N R19W

NW 1/4 SE 1/4
SEC 23 T30N R19W

MATCHLINE STA. 366+00.00 EB

RTE B

END STA 344+30.33

SL

I-44 WB

I-44 EB

S85°29'24"E

S85°27'20"E

PT STA 366+50.91

PC STA 367+75.85

REMOVE AND REINSTALL
MILE MARKER

PT STA 374+25.53

REMOVE AND REINSTALL
MILE MARKER

PC STA 384+50.01

PCC STA 387+49.98

US RTE 66

BUILD 1,194.11 SY
OF OUTSIDE SHOULDER FROM
STA. 385+87.32 TO 397+20.00

MATCHLINE STA. 392+00.00 EB

370

375

380

385

390

1/4 1/4 SECTION LINE

1/4 1/4 SECTION LINE

1/4 SECTION LINE

SW 1/4 SW 1/4
SEC 23 T30N R19W

SE 1/4 SW 1/4
SEC 23 T30N R19W

SW 1/4 SE 1/4
SEC 23 T30N R19W

SCALE

0 100 200 300 400 500

LEGEND

PAVEMENT REPLACEMENT

PRELIMINARY

PLAN SHEET
SHEET 11 OF 23
PAVEMENT REPLACEMENT- 11 OF 12

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	14

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

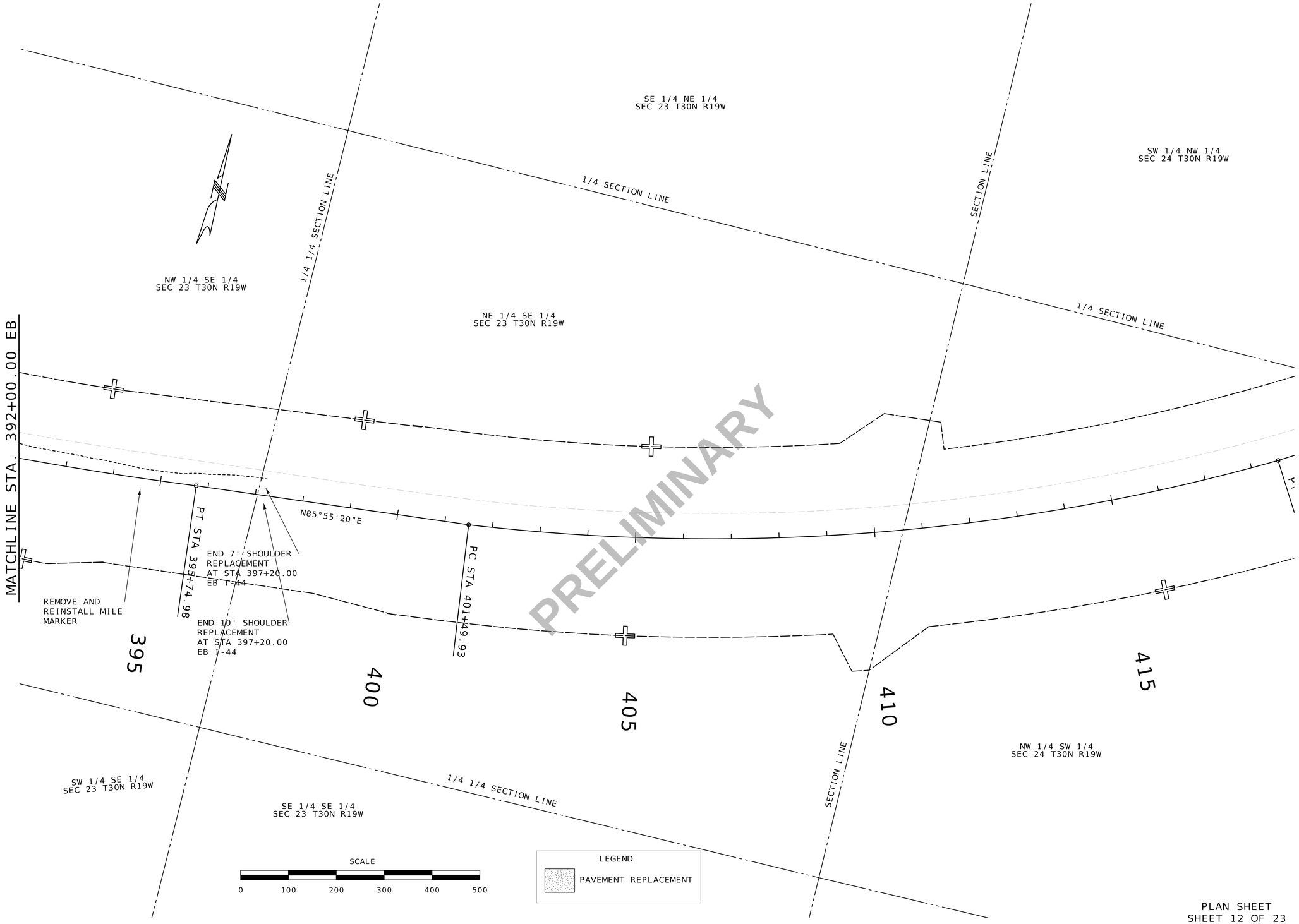
DESCRIPTION	DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PLAN SHEET
SHEET 12 OF 23
PAVEMENT REPLACEMENT- 12 OF 12

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	15

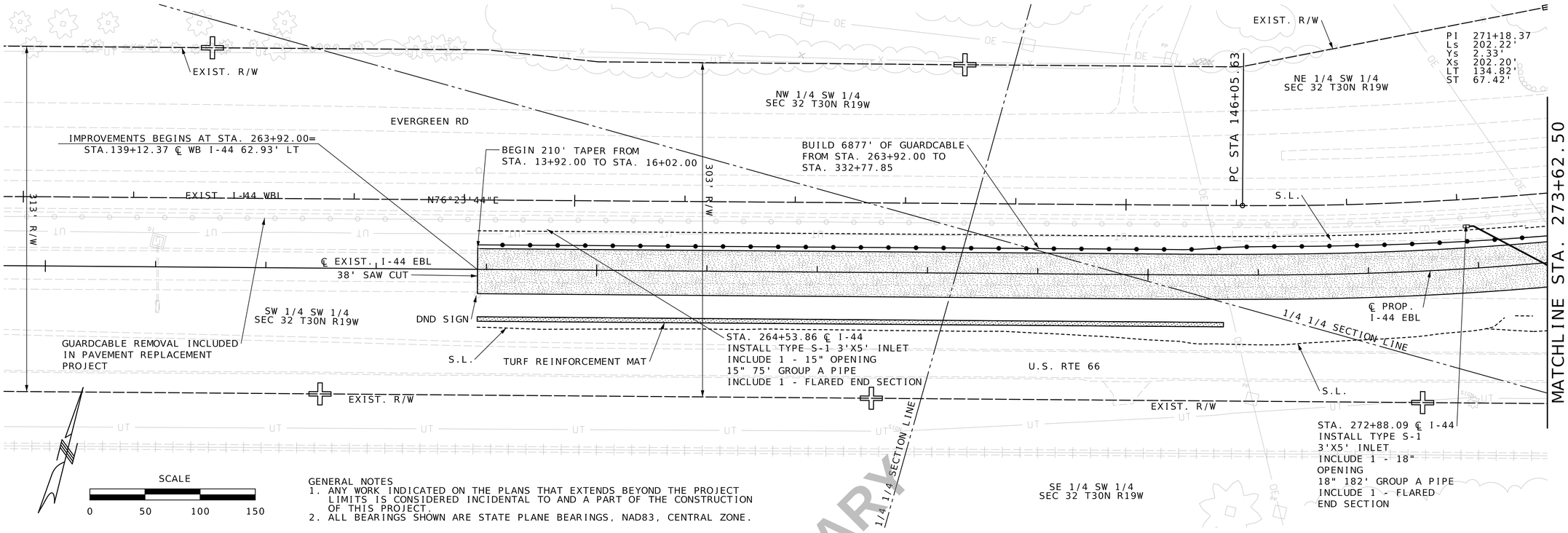
COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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)

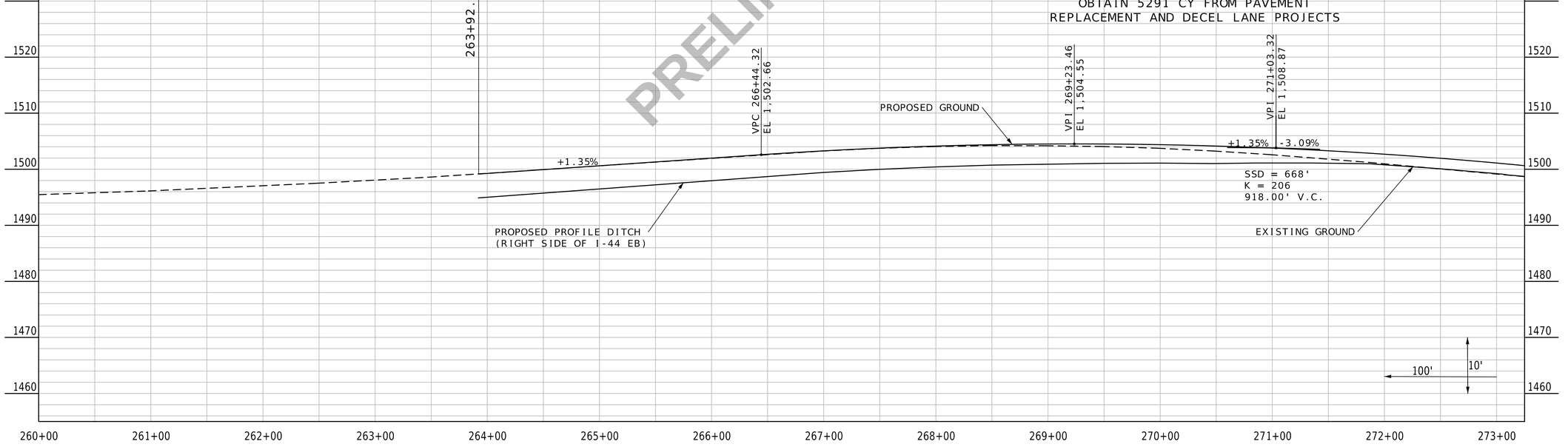
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



GENERAL NOTES
1. 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.
2. ALL BEARINGS SHOWN ARE STATE PLANE BEARINGS, NAD83, CENTRAL ZONE.

PRELIMINARY

EARTHWORK NOTES
CUT - 98194 CY
FILL - 92903 CY
EMBANKMENT IN PLACE - 5291 CY
OBTAIN 5291 CY FROM PAVEMENT
REPLACEMENT AND DECEL LANE PROJECTS



PLAN & PROFILE SHEET
SHEET 13 OF 23
CURVE REALIGNMENT- 1 OF 6

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	16

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

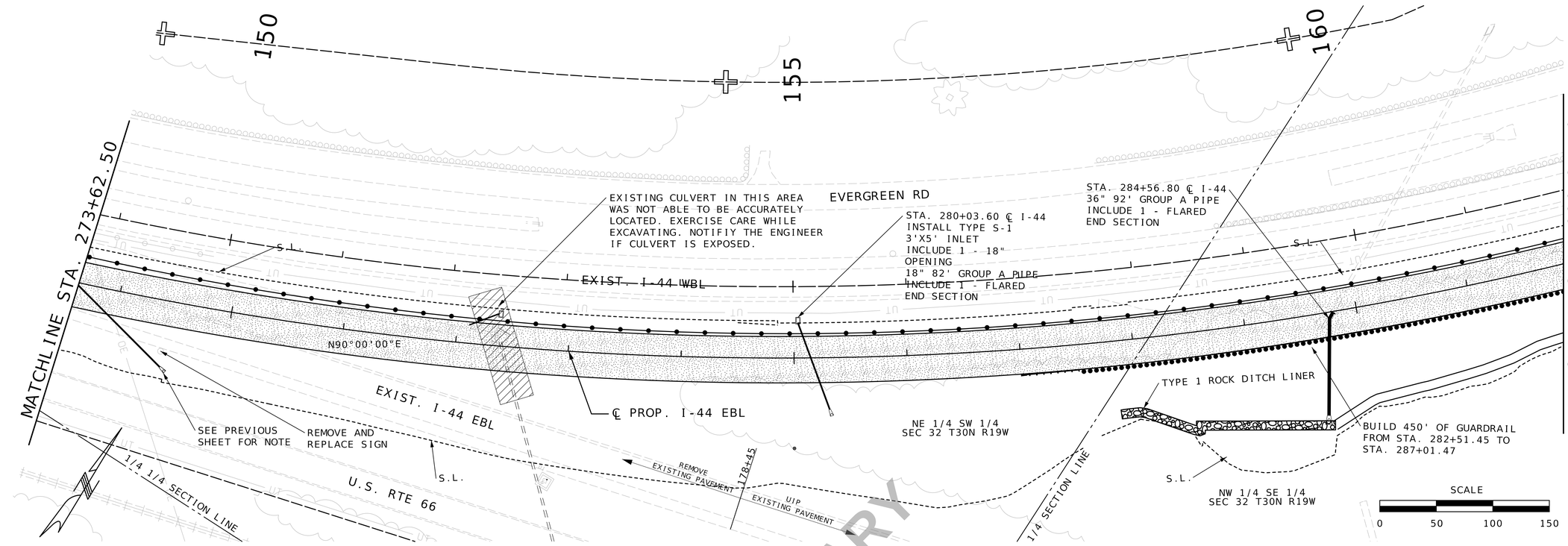
DATE

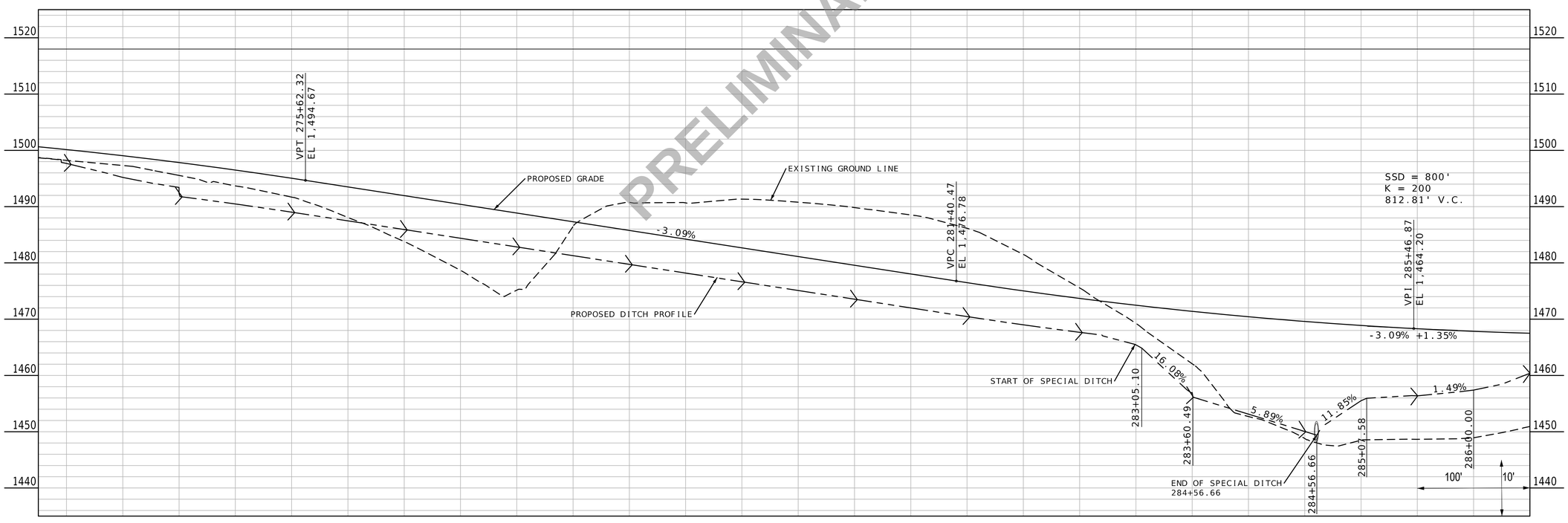
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





PRELIMINARY

PLAN & PROFILE SHEET
SHEET 14 OF 23
CURVE REALIGNMENT- 2 OF 6

Preliminary Plans - NOT FOR CONSTRUCTION

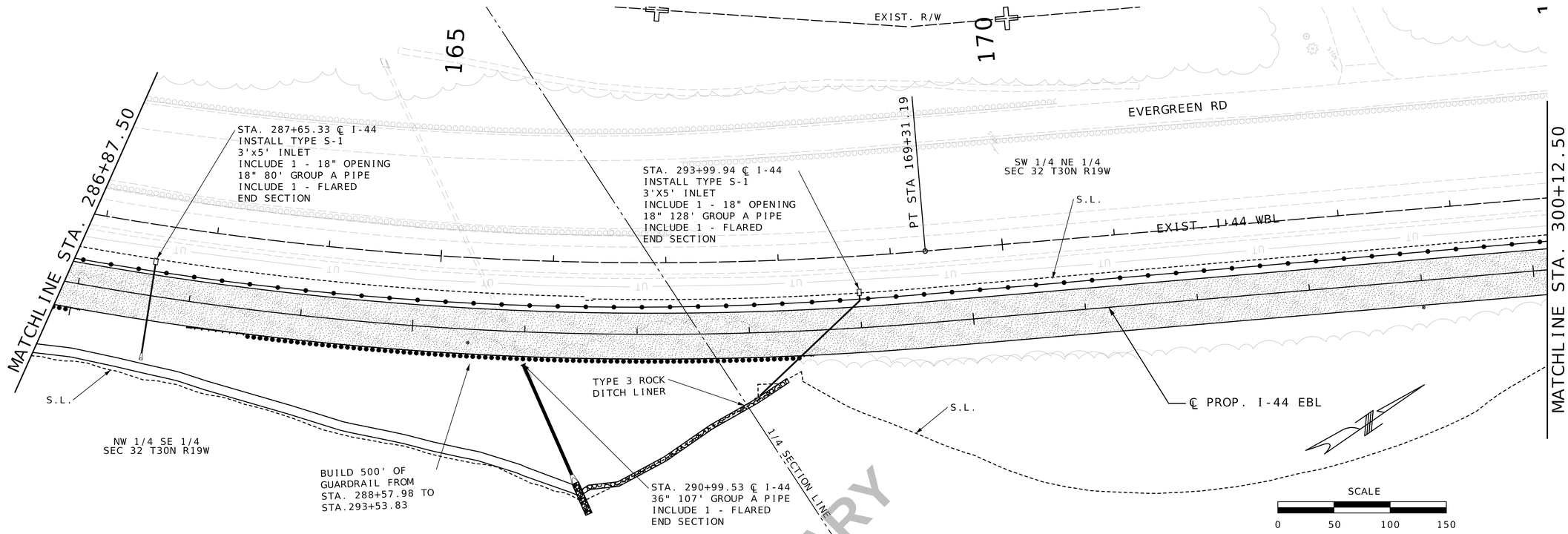
DATE PREPARED	3/18/2024
ROUTE	I-44
STATE	MO
DISTRICT	SW
SHEET NO.	17
COUNTY	WEBSTER
JOB NO.	J713010
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

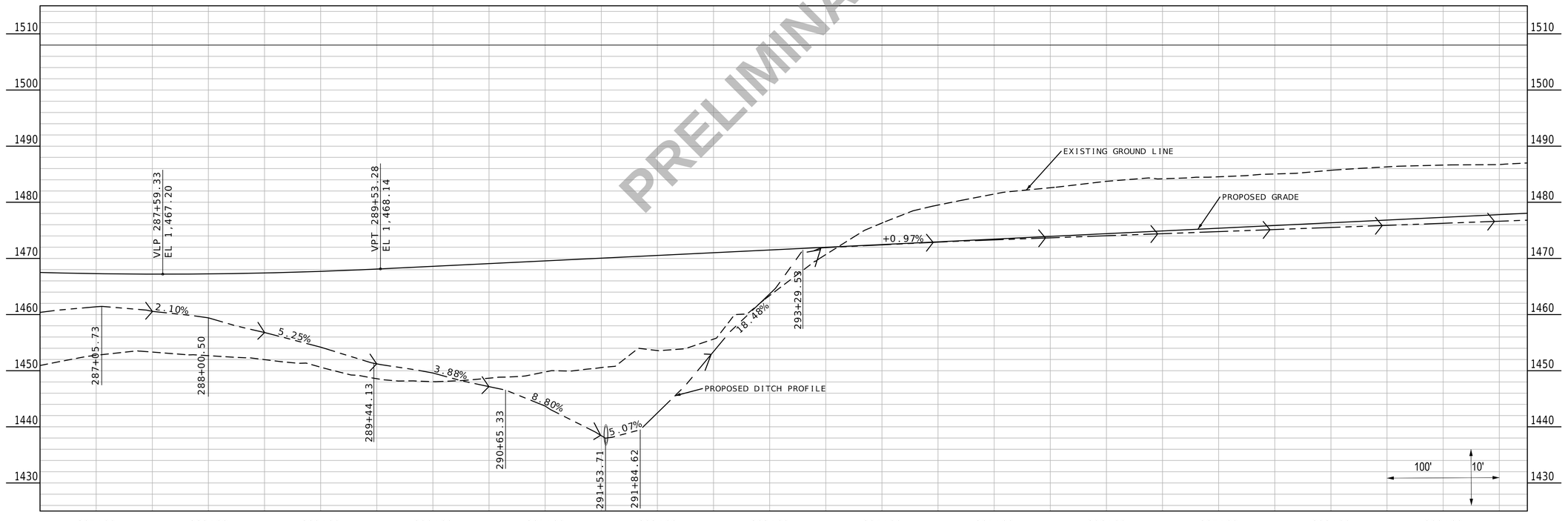
DESCRIPTION | DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





PLAN & PROFILE
SHEET 15 OF 23
CURVE REALIGNMENT - 3 OF 6

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	18

COUNTY
WEBSTER

JOB NO.
J713010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

MATCHLINE STA. 300+12.50

MATCHLINE STA. 313+37.50

EVERGREEN RD

℄ PROP. I-44 EBL

STA. 303+00.13 ℄ I-44
INSTALL TYPE S-1
3'X5' INLET
INCLUDE 1 - 15" OPENING
15" 106' GROUP A PIPE
INCLUDE 1 - MANHOLE
CONNECTION

SW 1/4 NE 1/4
SEC 32 T30N R19W

NW 1/4 NE 1/4
SEC 32 T30N R19W

NE 1/4 NE 1/4
SEC 32 T30N R19W

1/4 1/4 SECTION LINE

STA. 310+50.00 ℄ I-44
INSTALL TYPE S-1
3'X5' INLET
INCLUDE 1 - 18" OPENING
18" 142' GROUP A PIPE
INCLUDE 1 - FLARED
END SECTION

N29°49'26"E

EXIST. I-44 WBL

N29°49'26"E

S.L.

TYPE 3 ROCK
DITCH LINER

BUILD 413' OF GUARDRAIL
FROM STA. 301+39.30 TO
STA. 301+51.79

S.L.

REMOVE
EXISTING PAVEMENT

LIP (LEAVE IN PLACE)
EXISTING PAVEMENT

212+60

1/4 1/4 SECTION LINE

TYPE 1 ROCK
DITCH LINER

SE 1/4 NE 1/4
SEC 32 T30N R19W

1/4 1/4 SECTION LINE

U.S. RTE 66

STA. 303+72.63 ℄ I-44
INSTALL MANHOLE 42"
OPENING
42" 87' GROUP A PIPE
INCLUDE 1 - FLARED
END SECTION

EXIST. I-44 EBL

SCALE
0 50 100 150

PRELIMINARY

VPC 300+09.42
EL 1,478.38

VPI 303+35.04
EL 1,481.54

VPT 306+60.66
EL 1,483.09

PROPOSED GRADE

EXISTING GROUND LINE

+0.97% +0.48%

PROPOSED DITCH PROFILE

SSD = 2,518'
K = 1,323
651.24' V.C.

EXISTING GROUND LINE

10.80%

301+38.77

31.56%

305+93.27

25.23%

304+24.01

START OF SPECIAL DITCH

2.25%

301+67.26

303+74.04

END OF SPECIAL DITCH

100'

10'

1520 1510 1500 1490 1480 1470 1460 1450 1440

300+00 301+00 302+00 303+00 304+00 305+00 306+00 307+00 308+00 309+00 310+00 311+00 312+00 313+00

PLAN & PROFILE SHEET
SHEET 16 OF 23
CURVE REALIGNMENT - 4 OF 6

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO

DISTRICT	SHEET NO.
SW	19

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

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

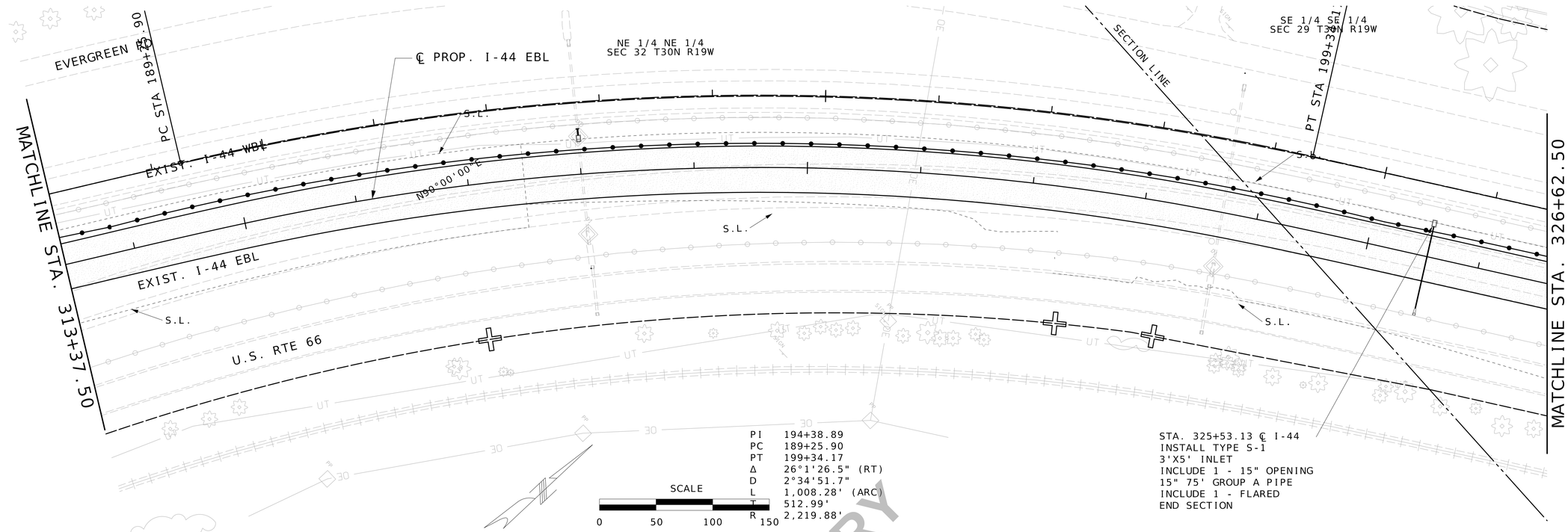
DESCRIPTION

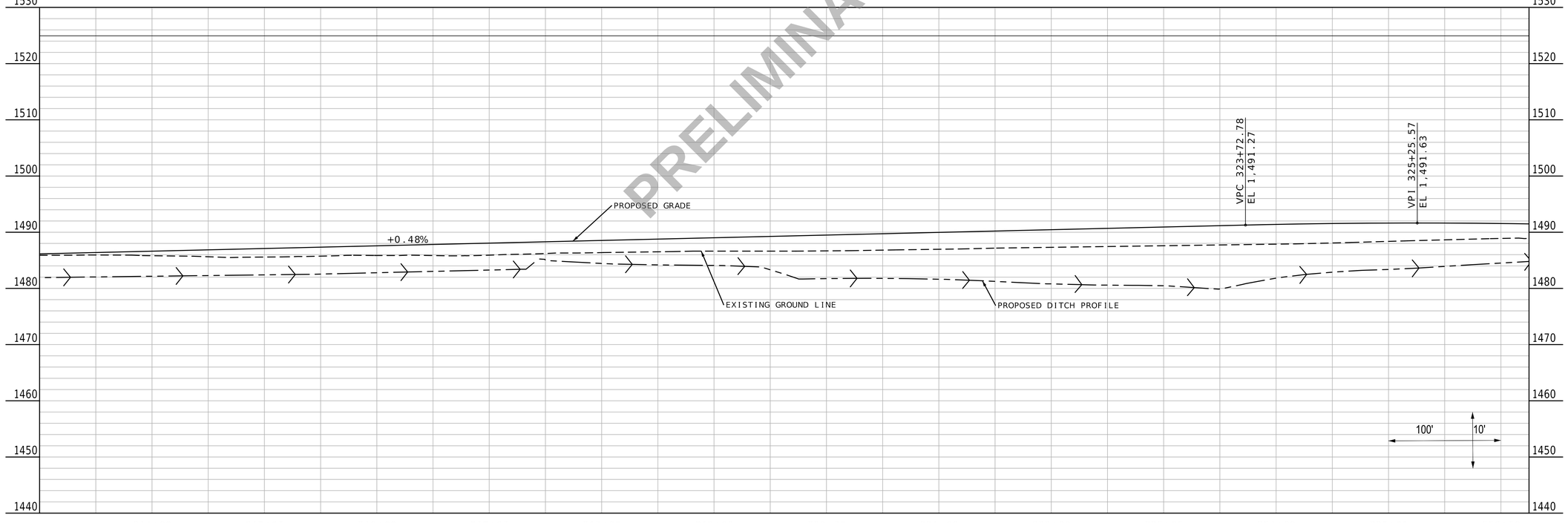
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





PRELIMINARY

PLAN & PROFILE SHEET
SHEET 17 OF 23
CURVE REALIGNMENT - 5 OF 6

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	20

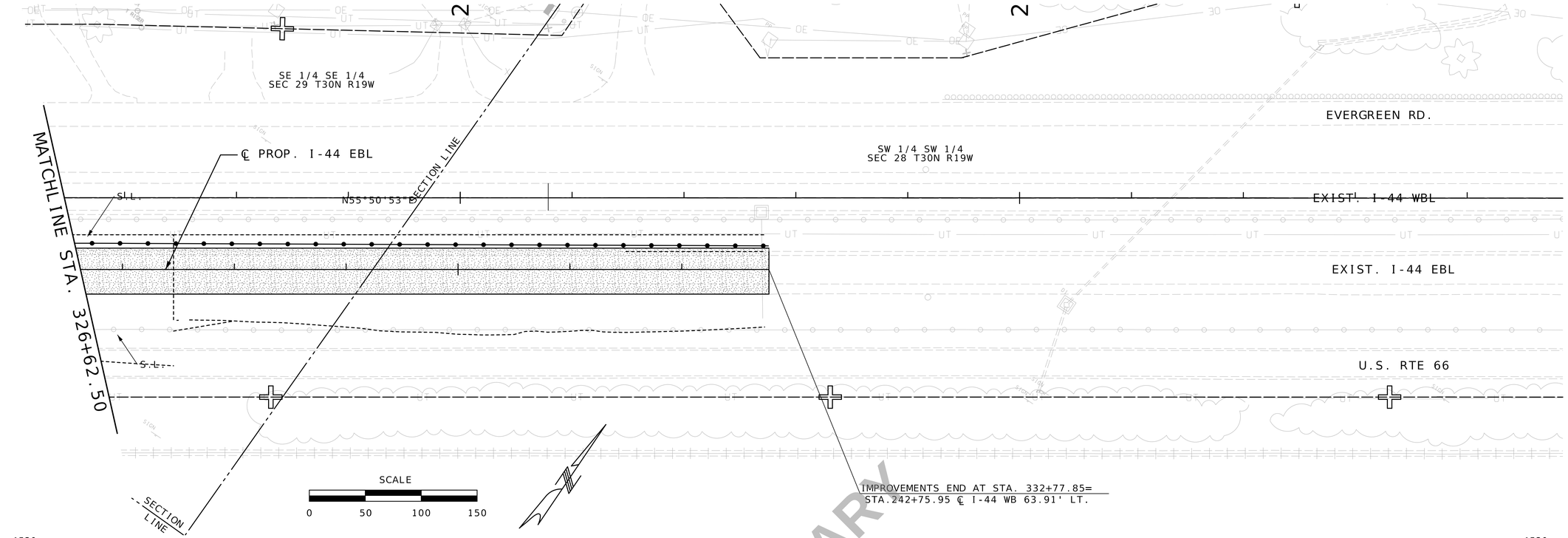
COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

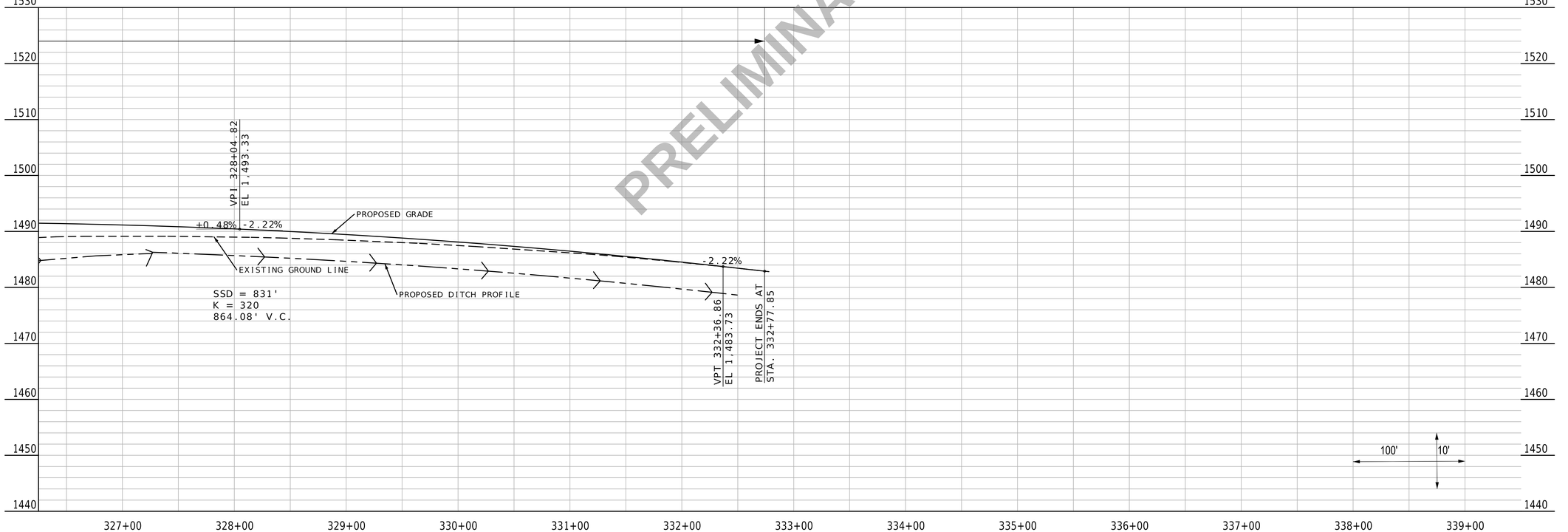
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





PRELIMINARY

PLAN & PROFILE SHEET
SHEET 18 OF 23
CURVE REALIGNMENT - 6 OF 6

Preliminary Plans - NOT FOR CONSTRUCTION

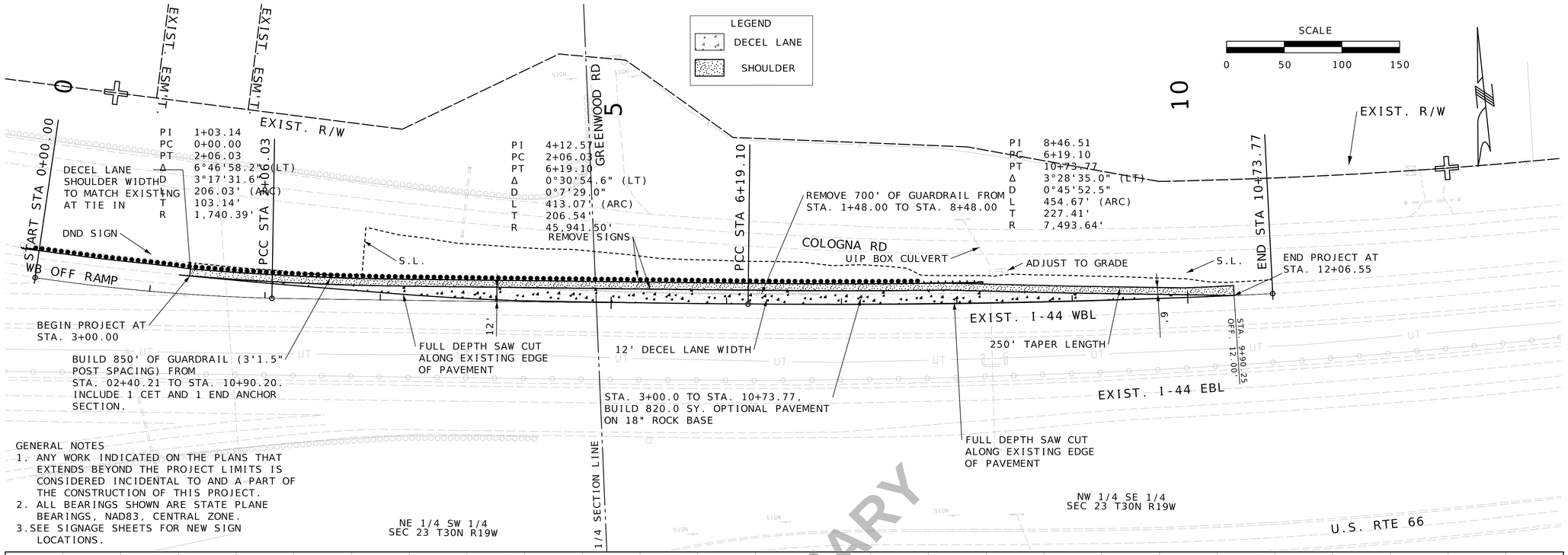
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 21
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PLAN & PROFILE SHEET
SHEET 19 OF 23
RTE B DECEL SHEET 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	22

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

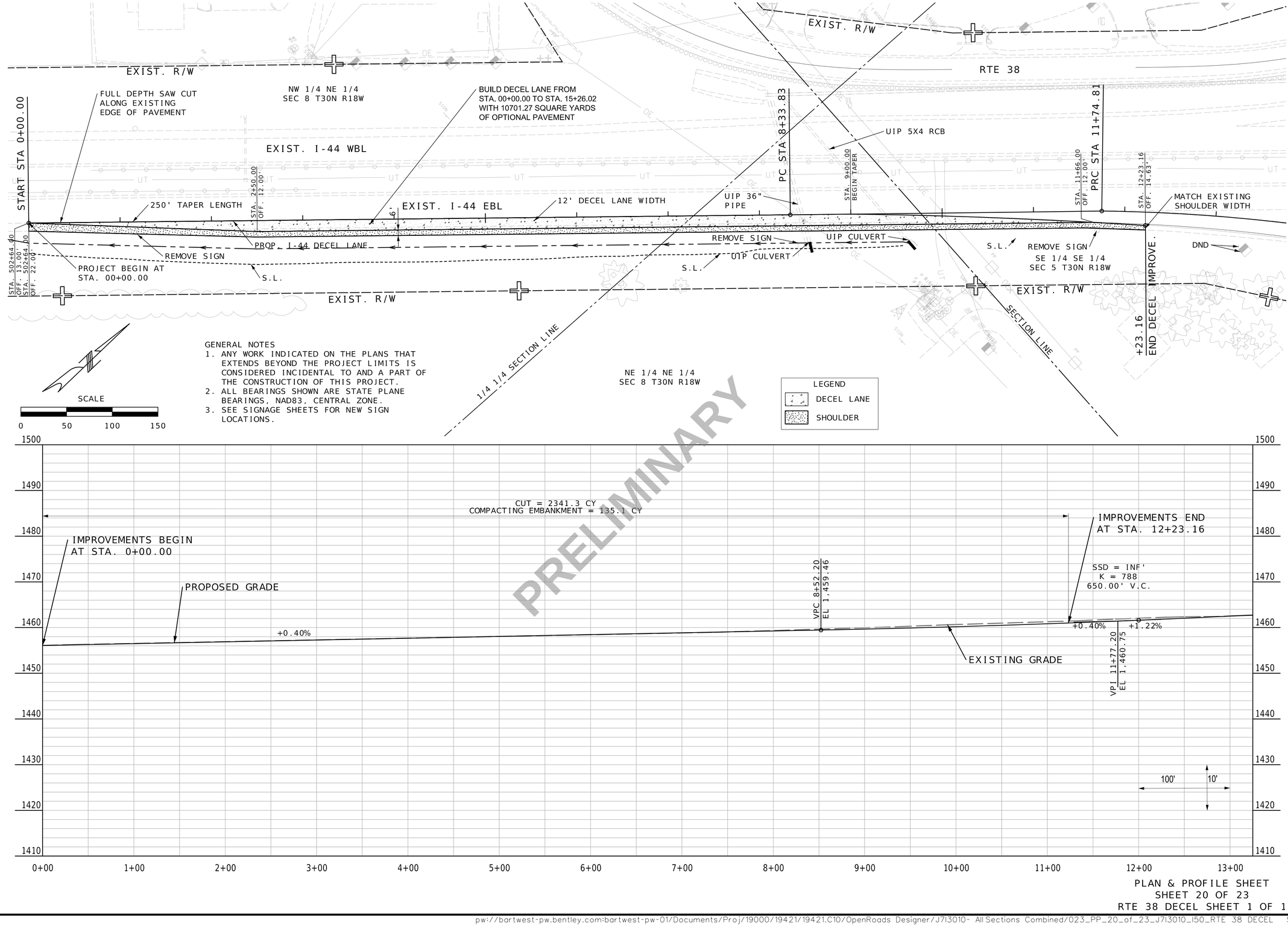
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PLAN & PROFILE SHEET
SHEET 20 OF 23
RTE 38 DECEL SHEET 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	23

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

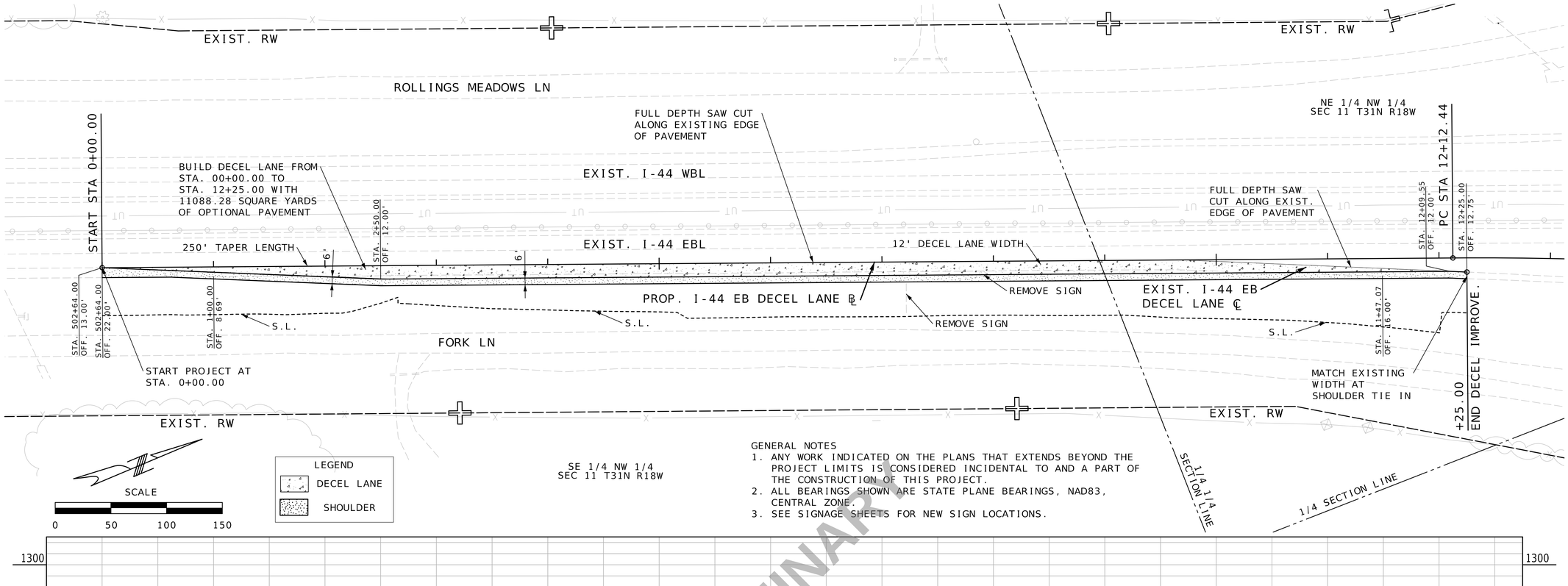
BRIDGE NO.

DATE	DESCRIPTION

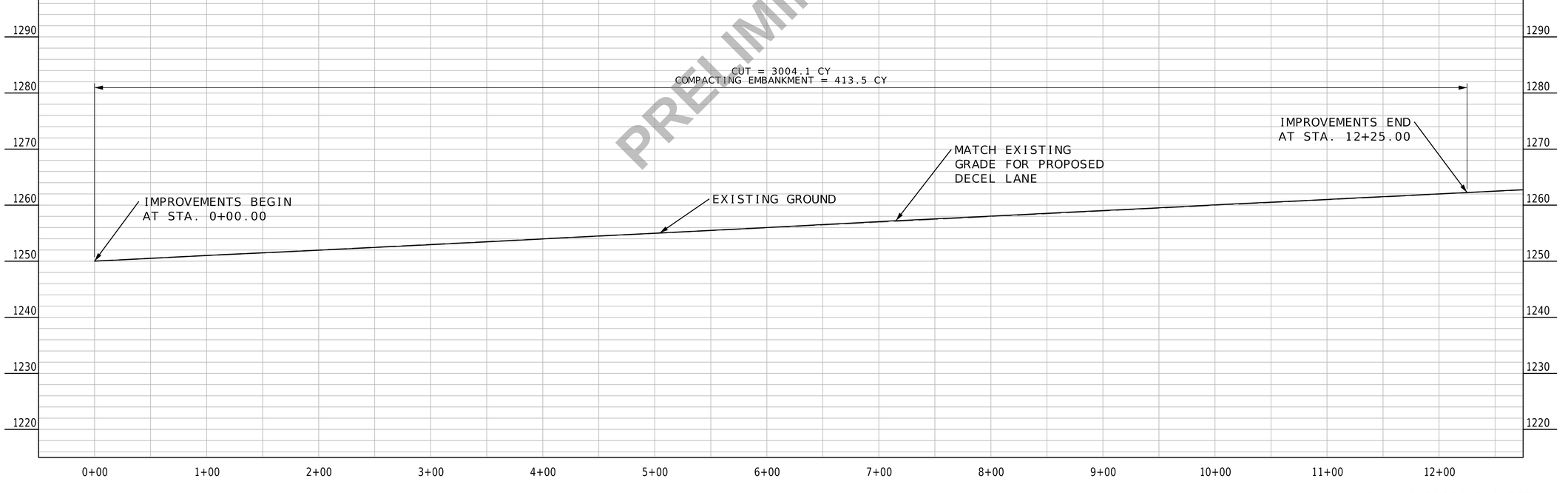
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



GENERAL NOTES
1. 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.
2. ALL BEARINGS SHOWN ARE STATE PLANE BEARINGS, NAD83, CENTRAL ZONE.
3. SEE SIGNAGE SHEETS FOR NEW SIGN LOCATIONS.



PRELIMINARY

PLAN & PROFILE SHEET
SHEET 21 OF 23
SAMPSON RD DECEL SHEET 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

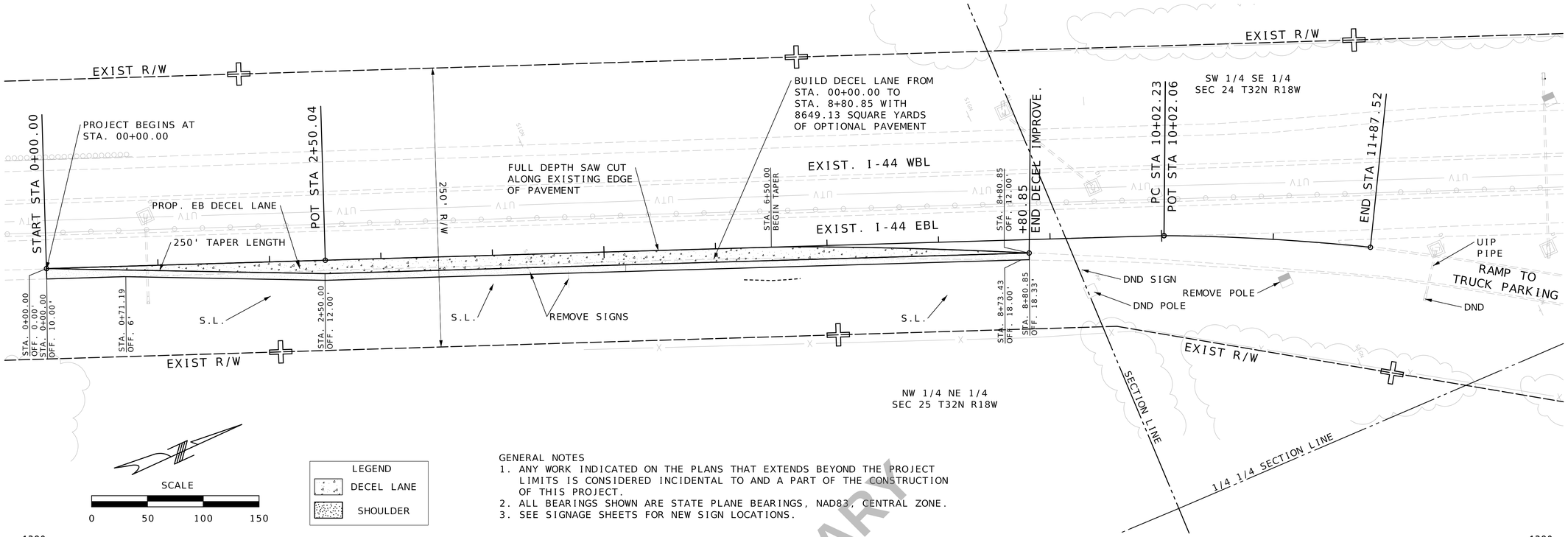
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 24
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

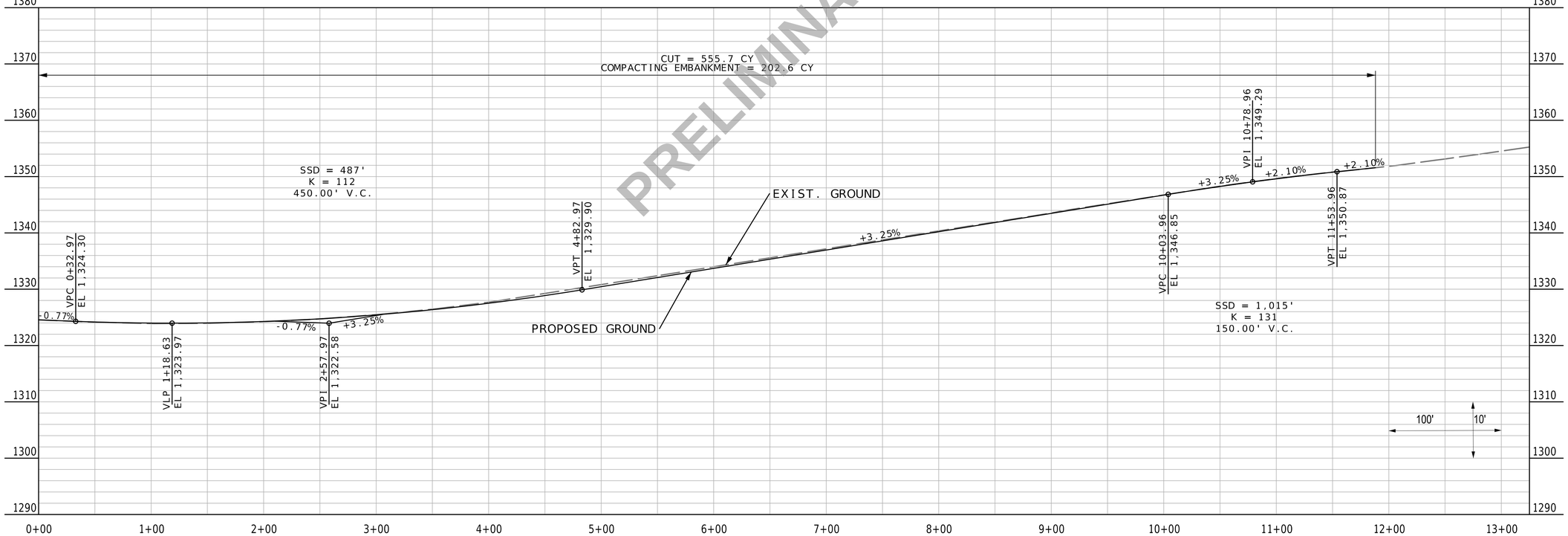
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



GENERAL NOTES
1. 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.
2. ALL BEARINGS SHOWN ARE STATE PLANE BEARINGS, NAD83, CENTRAL ZONE.
3. SEE SIGNAGE SHEETS FOR NEW SIGN LOCATIONS.



PRELIMINARY

PLAN & PROFILE SHEET
SHEET 22 OF 23
EB CONWAY DECEL SHEET - 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 25
COUNTY WEBSTER
JOB NO. J713010
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)

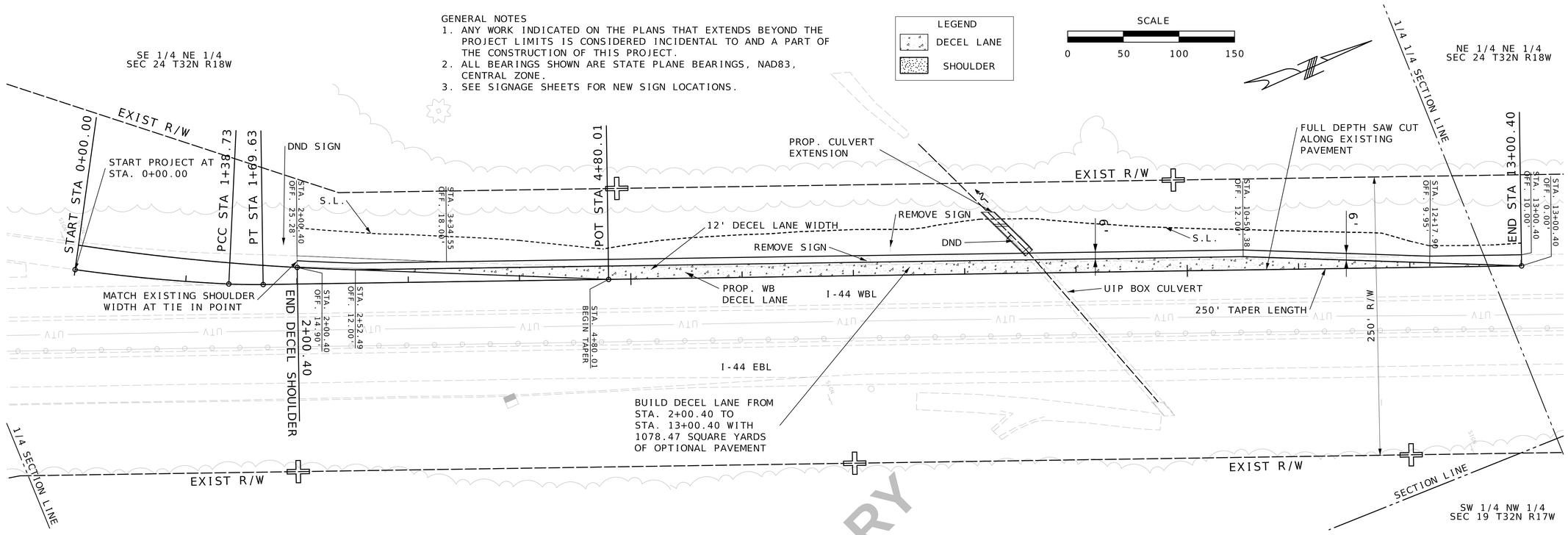
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

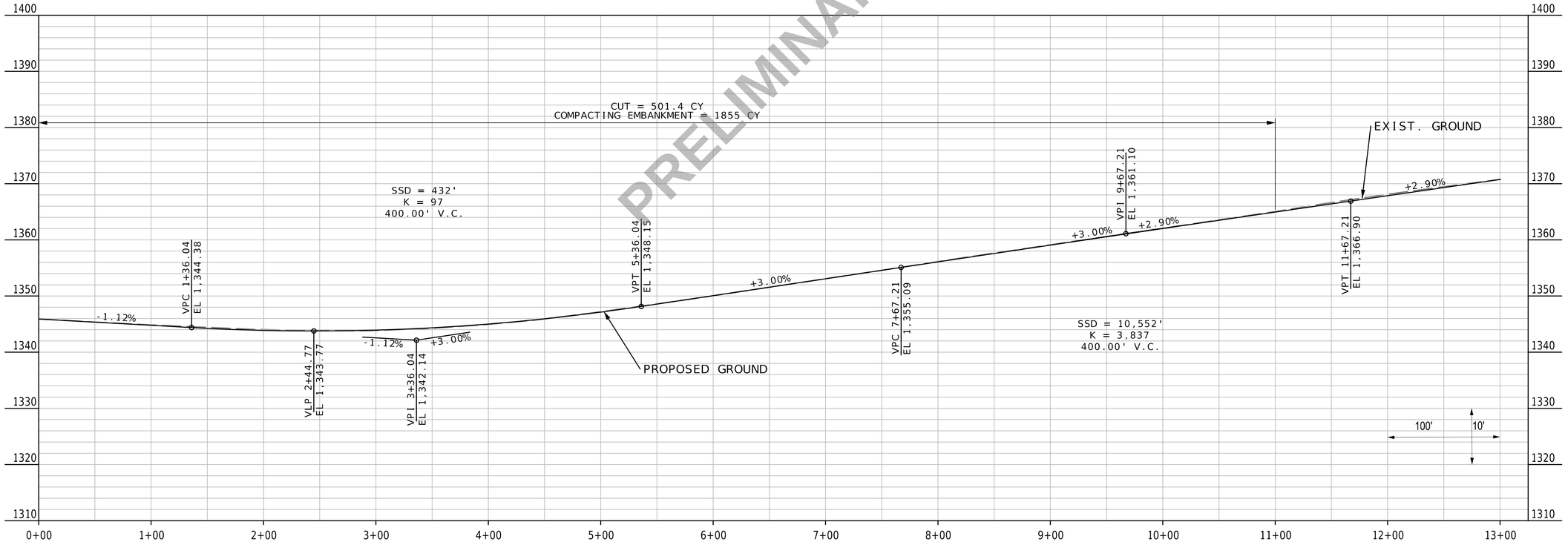
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

GENERAL NOTES
1. 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.
2. ALL BEARINGS SHOWN ARE STATE PLANE BEARINGS, NAD83, CENTRAL ZONE.
3. SEE SIGNAGE SHEETS FOR NEW SIGN LOCATIONS.

LEGEND
DECEL LANE
SHOULDER

SCALE
0 50 100 150





PRELIMINARY

PLAN & PROFILE SHEET
SHEET 23 OF 23
WB CONWAY DECEL SHEET - 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

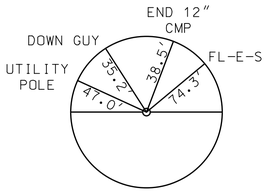
DATE PREPARED	
3/18/2024	
ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	26
COUNTY	
WEBSTER	
JOB NO.	
J713010	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

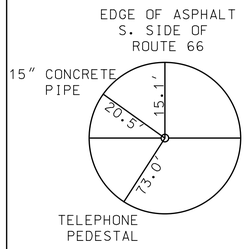
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

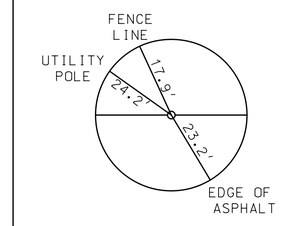
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



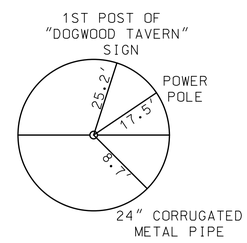
CONTROL POINT 102
74/5/8X24_ROD_W/CAP



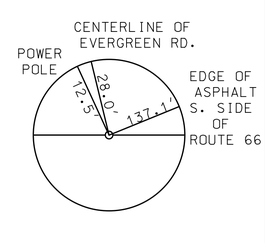
CONTROL POINT 111
74/5/8X24_ROD_W/CAP



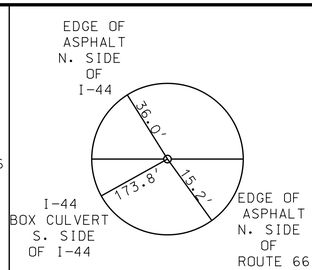
CONTROL POINT 112
74/5/8X24_ROD_W/CAP



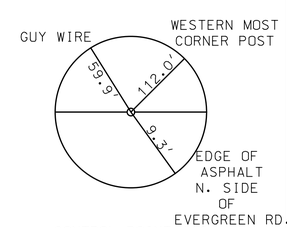
CONTROL POINT 113
74/5/8X24_ROD_W/CAP



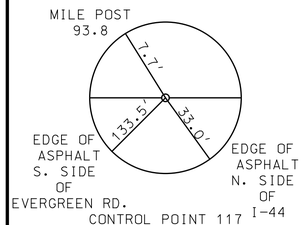
CONTROL POINT 114
74/5/8X24_ROD_W/CAP



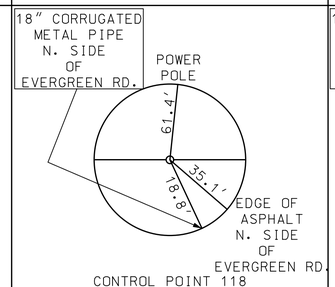
CONTROL POINT 115
74/5/8X24_ROD_W/CAP



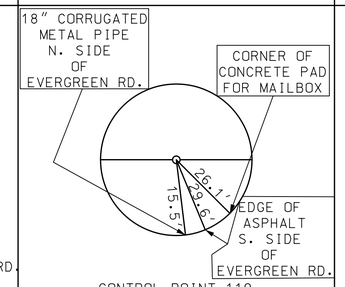
CONTROL POINT 116
74/5/8X24_ROD_W/CAP



CONTROL POINT 117
74/5/8X24_ROD_W/CAP



CONTROL POINT 118
74/5/8X24_ROD_W/CAP



CONTROL POINT 119
74/5/8X24_ROD_W/CAP

PRELIMINARY

REFERENCE POINTS SHEET
SHEET 1 OF 4
PAVEMENT REPLACEMENT SHEET – 1 OF 1
NOT TO SCALE

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	27

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

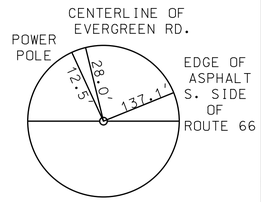
BRIDGE NO.

DESCRIPTION	DATE

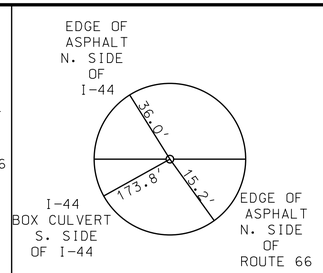
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

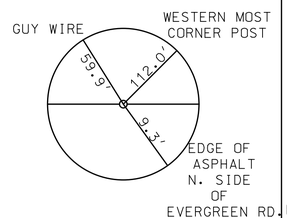
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



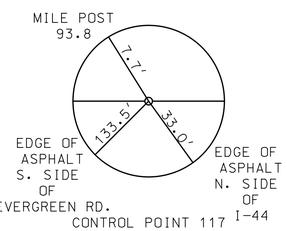
CONTROL POINT 114
74/5/8X24_ROD_W/CAP



CONTROL POINT 115
74/5/8X24_ROD_W/CAP



CONTROL POINT 116
74/5/8X24_ROD_W/CAP



CONTROL POINT 117
74/5/8X24_ROD_W/CAP

PRELIMINARY

REFERENCE POINTS SHEET
SHEET 2 OF 4
CURVE REALIGNMENT SHEET – 1 OF 1
NOT TO SCALE

Preliminary
Plans –
NOT FOR
CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	28

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

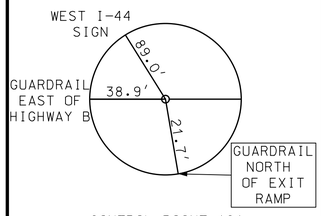
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

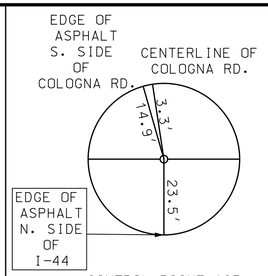
MoDOT

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

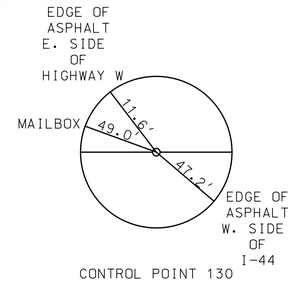
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



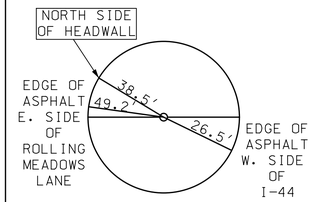
CONTROL POINT 121
74/5/8X24_ROD_W/CAP



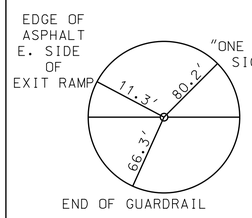
CONTROL POINT 123
74/5/8X24_ROD_W/CAP



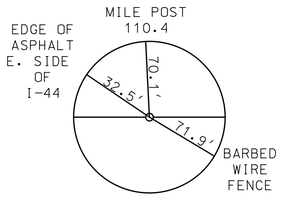
CONTROL POINT 130
74/5/8X24_ROD_W/CAP



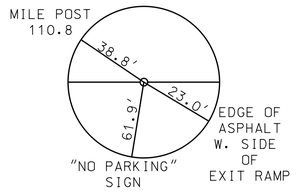
CONTROL POINT 142
74/5/8X24_ROD_W/CAP



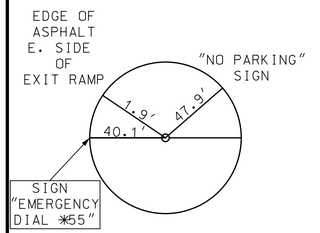
CONTROL POINT 143
74/5/8X24_ROD_W/CAP



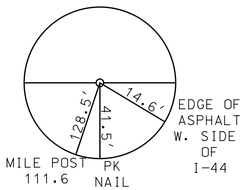
CONTROL POINT 148
74/5/8X24_ROD_W/CAP



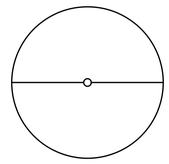
CONTROL POINT 149
74/5/8X24_ROD_W/CAP

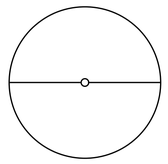


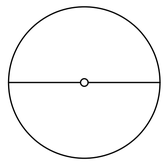
CONTROL POINT 150
74/5/8X24_ROD_W/CAP

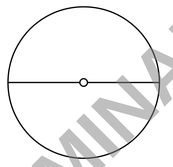


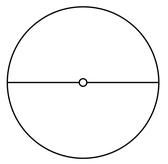
CONTROL POINT 151
74/5/8X24_ROD_W/CAP

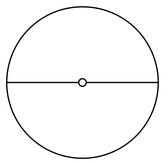


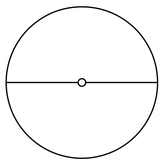


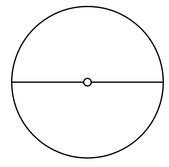


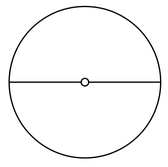


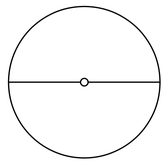


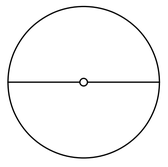


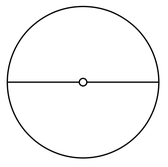


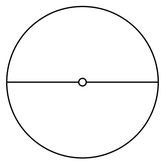


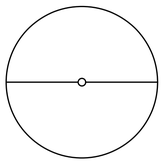












PRELIMINARY



REFERENCE POINTS SHEET
SHEET 3 OF 4
DECEL LANE SHEET – 1 OF 1
NOT TO SCALE

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	29

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

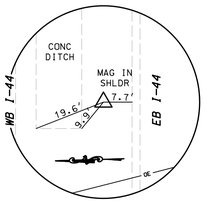
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

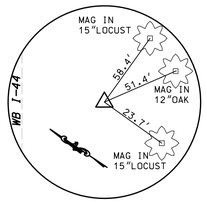
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

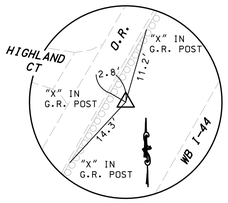
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



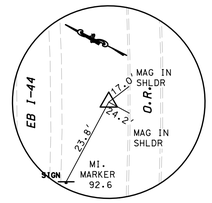
CONTROL POINT NO. 1
SET IRON ROD W/CAP
N: 524818.205
E: 1479677.926
EL: 1500.791
STA 70+83.14 25.54'LT
I-44 RT. LANE



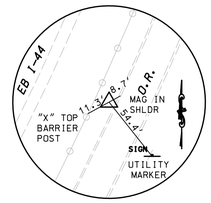
CONTROL POINT NO. 2
SET IRON ROD W/CAP
N: 525262.841
E: 1480697.485
EL: 1480.225
STA 81+83.44 58.75' RT
I-44 LT. LANE



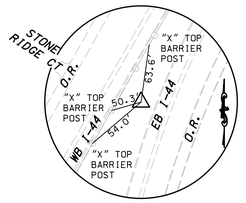
CONTROL POINT NO. 3
SET IRON ROD W/CAP
N: 526607.782
E: 1481604.062
EL: 1486.696
STA 98+14.05 88.68'LT
I-44 LT. LANE



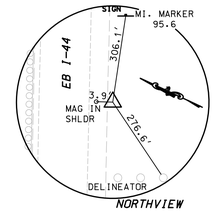
CONTROL POINT NO. 115
FOUND IRON ROD W/ ALUMINUM CAP
MoDOT 115
N: 525179.865
E: 1481298.477
EL: 1499.103
STA 87+34.37 54.71'RT
I-44 RT. LANE



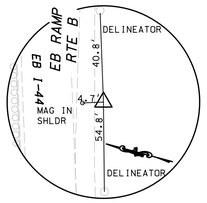
CONTROL POINT NO. 4
SET IRON ROD W/CAP
N: 526027.066
E: 1482132.396
EL: 1508.058
STA 99+03.98 69.37' RT
I-44 RT. LANE



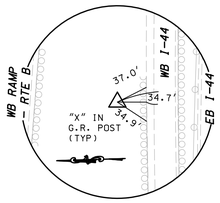
CONTROL POINT NO. 5
SET IRON ROD W/CAP
N: 527682.894
E: 1482402.496
EL: 1486.363
STA 115+61.80 50.21'LT
I-44 RT. LANE



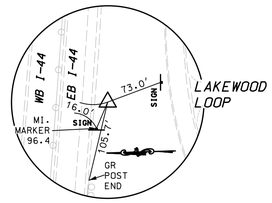
CONTROL POINT NO. 7
SET IRON ROD W/CAP
N: 534755.045
E: 1492570.916
EL: 1457.245
STA 237+11.15 22.22'RT
I-44 RT. LANE



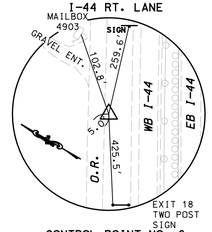
CONTROL POINT NO. 8
SET IRON ROD W/CAP
N: 535062.206
E: 1493394.935
EL: 1431.317
STA 245+88.19 24.00'RT
I-44 RT. LANE



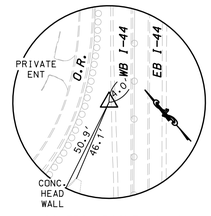
CONTROL POINT NO. 9
SET IRON ROD W/CAP
N: 535531.239
E: 1495568.064
EL: 1344.888
STA 268+43.69 57.50'LT
I-44 LT. LANE



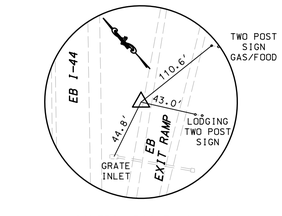
CONTROL POINT NO. 10
SET IRON ROD W/CAP
N: 535268.789
E: 1497004.539
EL: 1293.509
STA 282+76.47 47.25'RT
I-44 RT. LANE



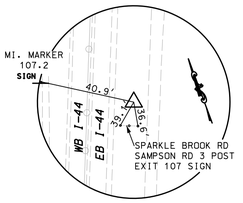
CONTROL POINT NO. 6
SET IRON ROD W/CAP
N: 534378.151
E: 1491531.925
EL: 1477.497
STA 226+21.71 54.01'LT
I-44 LT. LANE



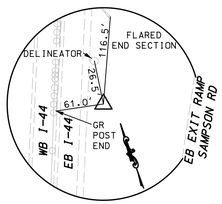
CONTROL POINT NO. 11
SET IRON ROD W/CAP
N: 544803.241
E: 1514382.047
EL: 1459.237
STA 510+30.39 32.98'LT
I-44 LT. LANE



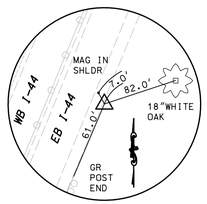
CONTROL POINT NO. 12
SET IRON ROD W/CAP
N: 549306.356
E: 1515037.807
EL: 1465.947
STA 518+43.17 53.12'RT
I-44 RT. LANE



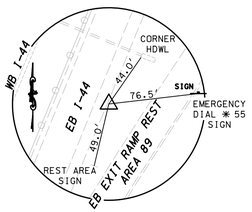
CONTROL POINT NO. 13
SET IRON ROD W/CAP
N: 578720.452
E: 1529298.532
EL: 1266.992
STA 851+88.64 51.30'RT
I-44 RT. LANE



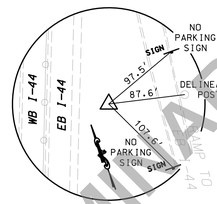
CONTROL POINT NO. 14
SET IRON ROD W/CAP
N: 580377.996
E: 1529970.591
EL: 1297.628
STA 870+77.23 42.12'RT
I-44 RT. LANE



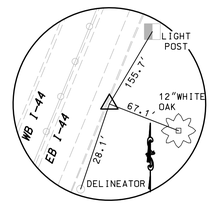
CONTROL POINT NO. 15
SET IRON ROD W/CAP
N: 595034.682
E: 1535978.256
EL: 1323.975
STA 1029+19.80 22.42'RT
I-44 RT. LANE



CONTROL POINT NO. 16
SET IRON ROD W/CAP
N: 596229.667
E: 1536469.575
EL: 1353.713
STA 1042+11.85 22.79'RT
I-44 RT. LANE



CONTROL POINT NO. 17
SET IRON ROD W/CAP
N: 597847.915
E: 1537171.522
EL: 1385.928
STA 1059+75.44 57.15'RT
I-44 RT. LANE



CONTROL POINT NO. 18
SET IRON ROD W/CAP
N: 598801.192
E: 1537534.521
EL: 1363.200
STA 1069+95.15 30.67'RT
I-44 RT. LANE

PRELIMINARY

SURVEY NOTES:

1. HORIZONTAL CONTROL STATEMENT: STATE PLANE COORDINATES ON THIS PROJECT WERE ESTABLISHED UTILIZING THE MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION GLOBAL NAVIGATION SATELLITE REAL TIME NETWORK FOR CONTINUOUSLY OPERATING REFERENCE STATIONS DURING FEBRUARY, 2023 AND ARE BASED ON THE MISSOURI COORDINATE SYSTEM OF 1983, CENTRAL ZONE. THE AVERAGE COMBINED PROJECT GRID FACTOR IS 0.99988869 CALCULATED BY TRIMBLE GEOMATICS OFFICE.

2. PROJECT COORDINATES ARE MODIFIED MISSOURI STATE PLANE COORDINATES AND WERE ESTABLISHED BY APPLYING THE INVERSE OF THE PROJECT GRID FACTOR (1.00011132) ABOUT THE ORIGIN (0,0). AS CALCULATED BY EFK MOEN, LLC.

3. VERTICAL DATUM IS NAVD 88.

REFERENCE POINTS SHEET
SHEET 4 OF 4
NOT TO SCALE

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	30

COUNTY
WEBSTER

JOB NO.
J713010

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

pw://bartwest-pw.bentley.com:bartwest-pw-01/Documents/Proj/19000/19421/19421.C10/OpenRoads Designer/J713010- All Sections Combined/030_RP_J713010_I1_EFK.dgn 5:43:24 PM 3/18/2024

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MISSOURI STATE PLANE
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	ELEVATIONS FOR CONTROL POINTS 101, 103, 106, 108 WERE DETERMINED BY RUNNING 2-4 HOURS GPS OBSERVATIONS. SOLUTIONS WERE DETERMINED BY NGS OPUS SOLUTIONS. A DIGITAL LEVEL LOOP FROM THE ABOVE LISTED CONTROL POINTS WAS USED FOR THE REMAINING PRIMARY, SECONDARY AND VERTICAL CONTROL POINTS.
PROJECT PROJECTION FACTOR	1.000111320

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT MARSHFIELD CORS ARP
CORS_ID	MOMF
PID	DN5832
LATITUDE	N37°20'45.7571"
LONGITUDE	W92°57'01.61550"
NORTHING (M)	167949.258
EASTING (M)	460089.785
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	0.999888692

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: CONTROL POINT #___
N ______.____ X _.________ = N ______.___
E _______.____ X _.________ = E _______.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
12	221+95.86	RIGHT	2170.06'	528149.1334	1486239.4660	1459.8920	74/5/8x24_ROD_W/CAP	102
6	77+26.79	RIGHT	157.03'	523571.9759	1472925.4672	1472.2500	74/5/8x24_ROD_W/CAP	111
7	99+65.59	LEFT	111.36'	523873.1219	1475137.2622	1496.7430	74/5/8x24_ROD_W/CAP	112
8	116+91.73	LEFT	114.86'	524281.8169	1476807.2137	1491.5460	74/5/8x24_ROD_W/CAP	113
9	144+82.83	RIGHT	174.19'	524656.8830	1479588.0919	1505.8580	74/5/8x24_ROD_W/CAP	114
9	160+83.74	RIGHT	504.88'	525179.8029	1481298.4648	1499.2520	74/5/8x24_ROD_W/CAP	115
11	203+28.65	LEFT	93.76'	528974.8670	1483422.9046	1490.7300	74/5/8x24_ROD_W/CAP	116
12	221+04.81	LEFT	55.87'	529939.8027	1484913.9603	1452.1530	74/5/8x24_ROD_W/CAP	117
13	262+07.09	LEFT	121.18'	532296.8893	1488272.0977	1449.6250	74/5/8x24_ROD_W/CAP	118
14	278+02.80	LEFT	114.63'	533187.3088	1489596.2954	1457.6050	74/5/8x24_ROD_W/CAP	119
ALIGNMENTS								
	75+79.13	℄	0.00'	523732.4426	1472780.5708	N/A	BEGINNING OF PROJECT I-44 WESTBOUND ℄	B.P.
	92+55.61	℄	0.00'	523693.1833	1474456.5894	N/A	POINT OF CURVATURE I-44 WESTBOUND ℄	P.C.
	96+31.40	℄	0.00'	523684.3831	1484832.2787	N/A	HORIZONTAL POINT INDEX I-44 WESTBOUND ℄	H.P.I.
	100+02.93	℄	0.00'	523772.7763	1475197.5273	N/A	POINT OF TANGENT I-44 WESTBOUND ℄	P.T.
	146+05.93	℄	0.00'	524855.4161	1479671.0900	N/A	POINT OF CURVATURE I-44 WESTBOUND ℄	P.C.
	158+36.96	℄	0.00'	525145.0477	1480867.8733	N/A	HORIZONTAL POINT INDEX I-44 WESTBOUND ℄	H.P.I.
	169+31.19	℄	0.00'	526213.2983	1481480.2598	N/A	POINT OF TANGENT I-44 WESTBOUND ℄	P.T.
	189+25.90	℄	0.00'	527943.8207	1482472.3009	N/A	POINT OF CURVATURE I-44 WESTBOUND ℄	P.C.
	194+38.89	℄	0.00'	528388.8680	1482727.4292	N/A	HORIZONTAL POINT INDEX I-44 WESTBOUND ℄	H.P.I.
	199+34.17	℄	0.00'	528676.8550	1483151.9536	N/A	POINT OF TANGENT I-44 WESTBOUND ℄	P.T.
	291+66.48	℄	0.00'	533859.7857	1490792.1613	N/A	POINT OF CURVATURE I-44 WESTBOUND ℄	P.C.
	302+46.12	℄	0.00'	534465.8822	1491685.6140	N/A	HORIZONTAL POINT INDEX I-44 WESTBOUND ℄	H.P.I.
	313+18.64	℄	0.00'	534883.6391	1492681.1488	N/A	POINT OF TANGENT I-44 WESTBOUND ℄	P.T.
	313+27.59	℄	0.00'	534880.1753	1492672.8944	N/A	POINT OF CURVATURE I-44 WESTBOUND ℄	P.C.
	316+30.44	℄	0.00'	534992.5205	1492956.3384	N/A	END OF PROJECT I-44 WESTBOUND ℄	E.P.
	115+84.61	℄	0.00'	523627.488	1474456.179	N/A	POINT OF CURVATURE I-44 EASTBOUND ℄	P.C.
	120+01.86	℄	0.00'	523618.101	1474873.330	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	124+13.55	℄	0.00'	523725.495	1475276.529	N/A	POINT OF TANGENT I-44 EASTBOUND ℄	P.T.
	180+81.82	℄	0.00'	525062.020	1480784.973	N/A	POINT OF CURVATURE I-44 EASTBOUND ℄	P.C.
	193+13.98	℄	0.00'	525289.232	1481996.008	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	202+37.03	℄	0.00'	526502.851	1482208.988	N/A	POINT OF TANGENT I-44 EASTBOUND ℄	P.T.
	209+91.80	℄	0.00'	527246.596	1482337.497	N/A	POINT OF CURVATURE I-44 EASTBOUND ℄	P.C.
	219+30.91	℄	0.00'	528174.160	1482484.317	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	227+57.68	℄	0.00'	528682.247	1483274.114	N/A	POINT OF TANGENT I-44 EASTBOUND ℄	P.T.
	317+31.09	℄	0.00'	533718.812	1490700.752	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	320+58.88	℄	0.00'	533902.183	1490972.464	N/A	POINT OF CURVATURE I-44 EASTBOUND ℄	P.C.
	327+06.61	℄	0.00'	534265.456	1491508.725	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	333+52.48	℄	0.00'	534555.618	1492087.819	N/A	POINT OF TANGENT I-44 EASTBOUND ℄	P.T.
	335+02.20	℄	0.00'	534621.982	1492222.031	N/A	POINT OF CURVATURE I-44 EASTBOUND ℄	P.C.
	339+88.92	℄	0.00'	534836.611	1492658.871	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	344+74.58	℄	0.00'	535000.071	1493117.320	N/A	POINT OF TANGENT I-44 EASTBOUND ℄	P.T.
	345+22.88	℄	0.00'	535016.247	1493162.831	N/A	POINT OF CURVATURE I-44 EASTBOUND ℄	P.C.
	350+38.13	℄	0.00'	535184.745	1493649.753	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	355+51.67	℄	0.00'	535283.028	1494155.546	N/A	POINT OF TANGENT I-44 EASTBOUND ℄	P.T.
	356+51.54	℄	0.00'	535301.601	1494253.671	N/A	POINT OF CURVATURE I-44 EASTBOUND ℄	P.C.
	361+52.03	℄	0.00'	535392.742	1494745.798	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	366+50.91	℄	0.00'	535414.626	1495245.815	N/A	POINT OF TANGENT I-44 EASTBOUND ℄	P.T.
	367+75.85	℄	0.00'	535417.919	1495370.712	N/A	POINT OF CURVATURE I-44 EASTBOUND ℄	P.C.
	371+00.96	℄	0.00'	535421.796	1495695.799	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	374+25.53	℄	0.00'	535393.306	1496019.659	N/A	POINT OF TANGENT I-44 EASTBOUND ℄	P.T.
	384+50.01	℄	0.00'	535312.135	1497040.913	N/A	POINT OF CURVATURE I-44 EASTBOUND ℄	P.C.
	386+00.02	℄	0.00'	535301.339	1497190.533	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	387+49.98	℄	0.00'	535296.843	1497340.475	N/A	POINT OF COMPOUND CURVATURE I-44 EASTBOUND ℄	P.C.C.
	391+62.90	℄	0.00'	535285.631	1497753.241	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	395+74.98	℄	0.00'	535319.993	1498164.728	N/A	POINT OF TANGENT I-44 EASTBOUND ℄	P.T.
	397+20.00	℄	0.00'	535330.306	1498309.384	N/A	END OF PROJECT I-44 EASTBOUND ℄	E.P.

PRELIMINARY

COORDINATE POINT SHEET
SHEET 1 OF 3
PAVEMENT REPLACEMENT SHEET - 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 31
COUNTY WEBSTER
JOB NO. J713010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MISSOURI STATE PLANE
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	ELEVATIONS FOR CONTROL POINTS 101, 103, 106, 108 WERE DETERMINED BY RUNNING 2-4 HOURS GPS OBSERVATIONS. SOLUTIONS WERE DETERMINED BY NGS OPUS SOLUTIONS. A DIGITAL LEVEL LOOP FROM THE ABOVE LISTED CONTROL POINTS WAS USED FOR THE REMAINING PRIMARY, SECONDARY AND VERTICAL CONTROL POINTS.
PROJECT PROJECTION FACTOR	1.000111320

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT MARSHFIELD CORS ARP
CORS_ID	MOMF
PID	DN5832
LATITUDE	N37°20'45.7571"
LONGITUDE	W92°57'01.61550"
NORTHING (M)	167949.258
EASTING (M)	460089.785
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	0.999888692

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: CONTROL POINT #___
N _____.____ X _.________ = N _____.___
E _____.____ X _.________ = E _____.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
4	269+57.95	RIGHT	110.19'	524656.8830	1479588.0919	1505.8580	74/5/8x24_ROD_W/CAP	114
5	285+91.84	RIGHT	440.88'	525179.8029	1481298.4648	1499.2520	74/5/8x24_ROD_W/CAP	115
9	328+27.66	LEFT	158.59'	528974.8670	1483422.9046	1490.7300	74/5/8x24_ROD_W/CAP	116
N/A	346+03.28	RIGHT	119.41'	529939.8027	1484913.9603	1452.1530	74/5/8x24_ROD_W/CAP	117
ALIGNMENTS								
	263+92.00	℄	0.00'	524632.6401	1479011.6146	N/A	BEGINNING OF PROJECT I-44 EASTBOUND ℄	B.P.
	269+83.54	℄	0.00'	524770.0062	1479587.1085	N/A	TANGENT TO SPIRAL I-44 EASTBOUND ℄	T.S.
	271+85.77	℄	0.00'	524819.7231	1479783.1151	N/A	SPIRAL TO CIRCULAR I-44 EASTBOUND ℄	S.C.
	283+86.48	℄	0.00'	525141.6755	1480939.8639	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	294+64.50	℄	0.00'	526183.4979	1481536.7954	N/A	POINT OF REVERSE CURVATURE I-44 EB ℄	P.R.C.
	304+16.13	℄	0.00'	527009.1948	1482009.8938	N/A	POINT OF INTERSECTION I-44 EASTBOUND ℄	P.I.
	313+67.76	℄	0.00'	527834.6212	1482483.4640	N/A	CIRCULAR TO SPIRAL I-44 EASTBOUND ℄	C.S.
	315+64.80	℄	0.00'	528003.9739	1482584.1514	N/A	SPIRAL TO CIRCULAR I-44 EASTBOUND ℄	S.C.
	319+50.25	℄	0.00'	528329.0172	1482791.3207	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	323+27.34	℄	0.00'	528560.1300	1483099.7996	N/A	CIRCULAR TO SPIRAL I-44 EASTBOUND ℄	C.S.
	325+24.39	℄	0.00'	528673.3130	1483261.0692	N/A	SHORT TANGENT I-44 EASTBOUND ℄	S.T.
	332+77.85	℄	0.00'	529096.5266	1483884.4430	N/A	END OF PROJECT I-44 EASTBOUND ℄	E.P.

PRELIMINARY

COORDINATE POINT SHEET
SHEET 2 OF 3
CURVE REALIGNMENT SHEET - 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 32
COUNTY WEBSTER
JOB NO. J713010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MISSOURI STATE PLANE
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	ELEVATIONS FOR CONTROL POINTS 101, 103, 106, 108 WERE DETERMINED BY RUNNING 2-4 HOURS GPS OBSERVATIONS. SOLUTIONS WERE DETERMINED BY NGS OPUS SOLUTIONS. A DIGITAL LEVEL LOOP FROM THE ABOVE LISTED CONTROL POINTS WAS USED FOR THE REMAINING PRIMARY, SECONDARY AND VERTICAL CONTROL POINTS.
PROJECT PROJECTION FACTOR	1.000111320

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT MARSHFIELD CORS ARP
CORS_ID	MOMF
PID	DN5832
LATITUDE	N37°20'45.7571"
LONGITUDE	W92°57'01.61550"
NORTHING (M)	167949.258
EASTING (M)	460089.785
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	0.999888692

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: CONTROL POINT #___
N _____.____ X _.________ = N _____.___
E _____.____ X _.________ = E _____.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
N/A	N/A	RIGHT	N/A	535252.3858	1495351.2962	1379.2680	74/5/8x24_ROD_W/CAP	121
N/A	N/A	LEFT	N/A	535456.8299	1498542.5472	1299.1060	74/5/8x24_ROD_W/CAP	123
N/A	548+86.69	LEFT	106.19'	550839.8642	1516164.7667	1480.3750	74/5/8x24_ROD_W/CAP	130
8	12+94.34	LEFT	145.88'	579288.1442	1529342.3490	1261.3610	74/5/8x24_ROD_W/CAP	142
N/A	N/A	LEFT	N/A	580840.2429	1529838.7910	1330.3130	74/5/8x24_ROD_W/CAP	143
				594304.1586	1535734.6993	1340.3740	74/5/8x24_ROD_W/CAP	148
				596390.6799	1536579.8060	1360.6770	74/5/8x24_ROD_W/CAP	149
				598460.3875	1537232.2304	1374.6880	74/5/8x24_ROD_W/CAP	150
				600380.3483	1538041.9581	1346.3880	74/5/8x24_ROD_W/CAP	151
ALIGNMENTS								
RTE B	0+00	℄	0.00'	535374.2917	1497545.3796	N/A	BEGINNING OF PROJECT RTE B DECEL LANE	B.P.
RTE B	2+27.41	℄	0.00'	535378.1261	1497318.0056	N/A	HORIZONTAL POINT INDEX RTE B DECEL	H.P.I.
RTE B	4+54.67	℄	0.00'	535395.7408	1497091.2825	N/A	RTE B DECEL	P.C.C.
RTE B	6+61.21	℄	0.00'	535411.0641	1496885.7409	N/A	HORIZONTAL POINT INDEX RTE B DECEL	H.P.I.
RTE B	8+67.74	℄	0.00'	535428.2720	1496679.9240	N/A	RTE B DECEL	P.C.C.
RTE B	9+70.88	℄	0.00'	535438.0198	1496577.2489	N/A	HORIZONTAL POINT INDEX RTE B DECEL	H.P.I.
RTE B	10+73.77	℄	0.00'	535459.8260	1496476.4438	N/A	END OF PROJECT RTE B DECEL	E.P.
RTE 38	0+00	℄	0.00'	548160.3704	1513950.5655	N/A	BEGINNING OF PROJECT RTE 38 DECEL	B.P.
RTE 38	8+33.83	℄	0.00'	548779.6302	1514508.9407	N/A	POINT OF CURVATURE RTE 38 DECEL	P.C.
RTE 38	10+04.32	℄	0.00'	548906.2508	1514623.1122	N/A	HORIZONTAL POINT INDEX RTE 38 DECEL	H.P.I.
RTE 38	11+74.81	℄	0.00'	549033.1747	1514736.9463	N/A	POINT OF REVERSE CURVATURE RTE 38 DECEL	P.R.C.
RTE 38	13+50.90	℄	0.00'	549161.1352	1514857.9121	N/A	HORIZONTAL POINT INDEX RTE 38 DECEL	H.P.I.
RTE 38	15+26.02	℄	0.00'	549265.1960	1514999.9612	N/A	END OF PROJECT RTE 38 DECEL	E.P.
SAMPSON	0+00	℄	0.00'	535394.6556	1497296.2298	N/A	BEGINNING OF PROJECT SAMPSON	B.P.
SAMPSON	12+12.44	℄	0.00'	579154.6621	1529435.6371	N/A	POINT OF CURVATURE SAMPSON	P.C.
SAMPSON	14+37.09	℄	0.00'	579362.3629	1529521.2617	N/A	HORIZONTAL POINT INDEX SAMPSON	H.P.I.
SAMPSON	16+61.04	℄	0.00'	579556.4749	1529634.3484	N/A	END OF PROJECT SAMPSON	E.P.
WB CONWAY	0+00	℄	0.00'	599828.0329	1537841.9337	N/A	BEGINNING OF PROJECT WB CONWAY	B.P.
WB CONWAY	8+20.39	℄	0.00'	599069.2741	1537529.9714	N/A	HORIZONTAL POINT INDEX WB CONWAY	H.P.I.
WB CONWAY	11+30.78	℄	0.00'	598782.2027	1537411.9426	N/A	POINT OF CURVATURE WB CONWAY	P.C.
WB CONWAY	11+46.23	℄	0.00'	598767.9098	1537406.0661	N/A	HORIZONTAL POINT INDEX WB CONWAY	H.P.I.
WB CONWAY	11+61.67	℄	0.00'	598754.0070	1537399.3181	N/A	POINT OF CURVATURE WB CONWAY	P.C.C.
WB CONWAY	12+31.09	℄	0.00'	598691.5611	1537369.0087	N/A	HORIZONTAL POINT INDEX WB CONWAY	H.P.I.
WB CONWAY	13+00.40	℄	0.00'	598632.1591	1537333.0985	N/A	END OF PROJECT WB CONWAY	E.P.
EB CONWAY	0+00	℄	0.00'	595029.9636	1535965.0484	N/A	BEGINNING OF PROJECT EB CONWAY	B.P.
EB CONWAY	2+49.99	℄	0.00'	595261.1130	1536060.1583	N/A	HORIZONTAL POINT INDEX EB CONWAY	H.P.I.
EB CONWAY	2+50.04	℄	0.00'	595261.1528	1536060.1769	N/A	HORIZONTAL POINT INDEX EB CONWAY	H.P.I.
EB CONWAY	10+02.06	℄	0.00'	595956.3959	1536346.8296	N/A	HORIZONTAL POINT INDEX EB CONWAY	H.P.I.
EB CONWAY	10+02.23	℄	0.00'	595956.5479	1536346.8991	N/A	POINT OF CURVATURE EB CONWAY	P.C.
EB CONWAY	10+94.94	℄	0.00'	596040.8634	1536385.4636	N/A	HORIZONTAL POINT INDEX EB CONWAY	H.P.I.
EB CONWAY	11+87.52	℄	0.00'	596121.1294	1536431.8716	N/A	END OF PROJECT EB CONWAY	E.P.

PRELIMINARY

COORDINATE POINT SHEET
SHEET 3 OF 3
DECEL LANE SHEET - 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

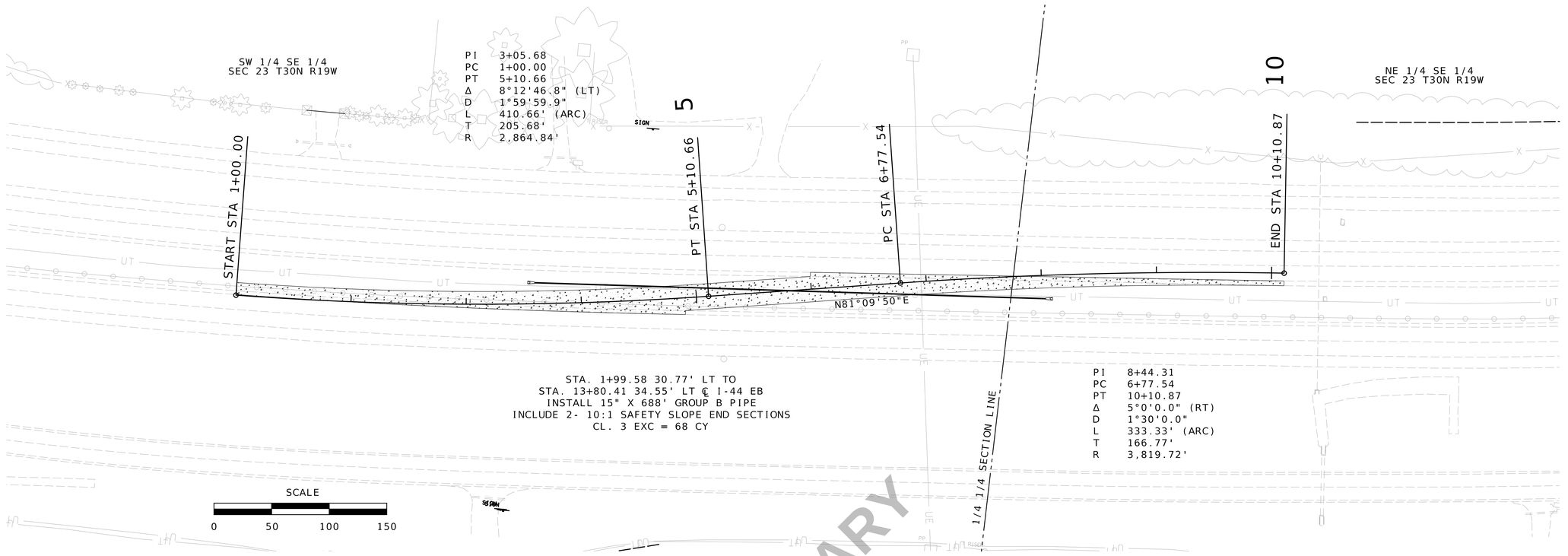
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 33
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SPECIAL SHEETS
SHEET 1 OF 9
PAVEMENT REPLACEMENT BYPASS LANE
SHEET 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	34

COUNTY WEBSTER

JOB NO. J7I3010

CONTRACT ID.

PROJECT NO.

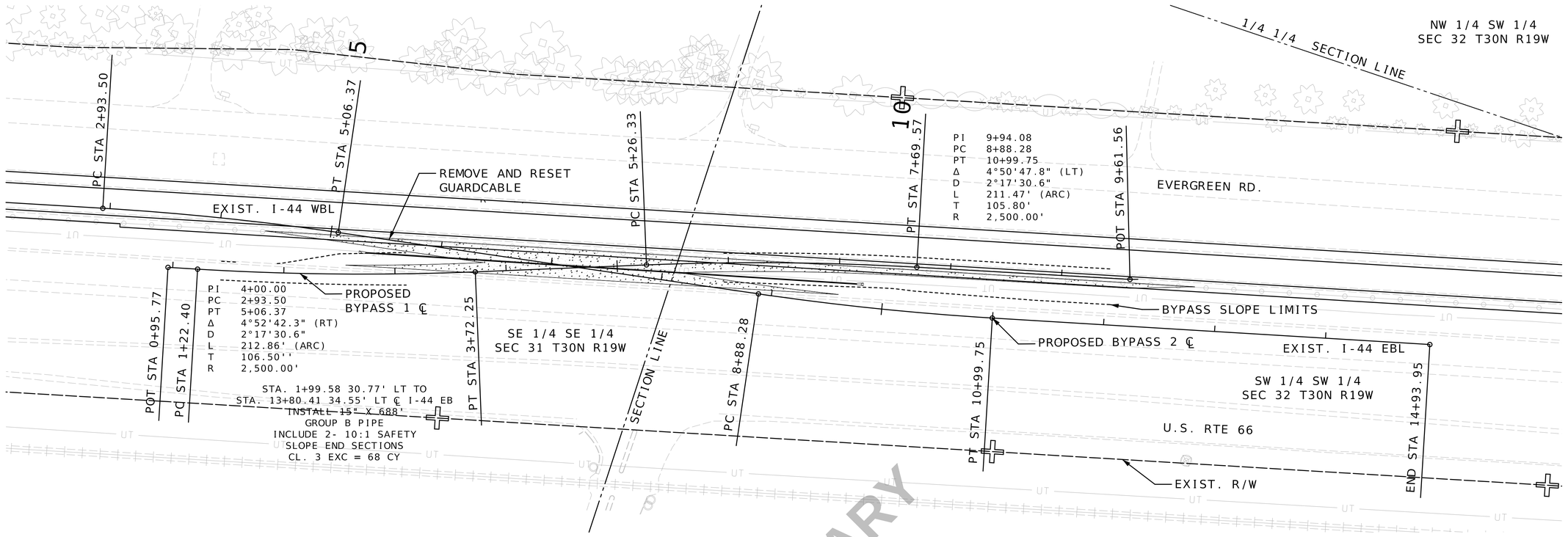
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

SPECIAL SHEETS
SHEET 2 OF 9
CURVE REALIGNMENT BYPASS LANE
SHEET 1 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	35

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

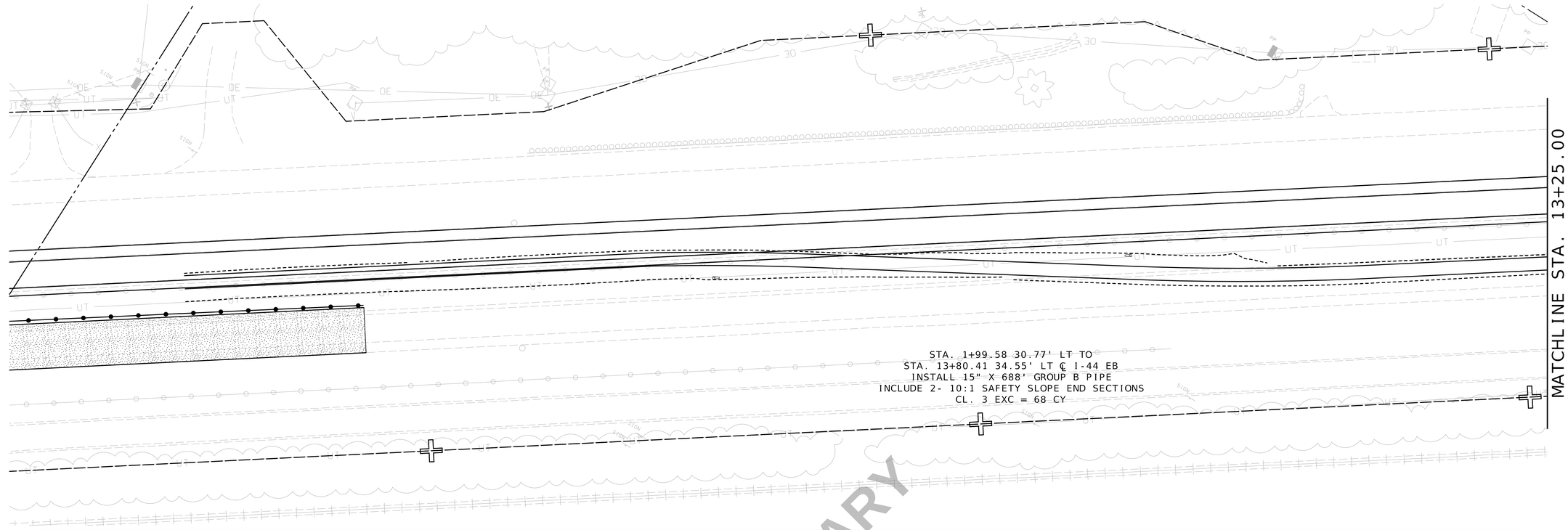
DATE	DESCRIPTION

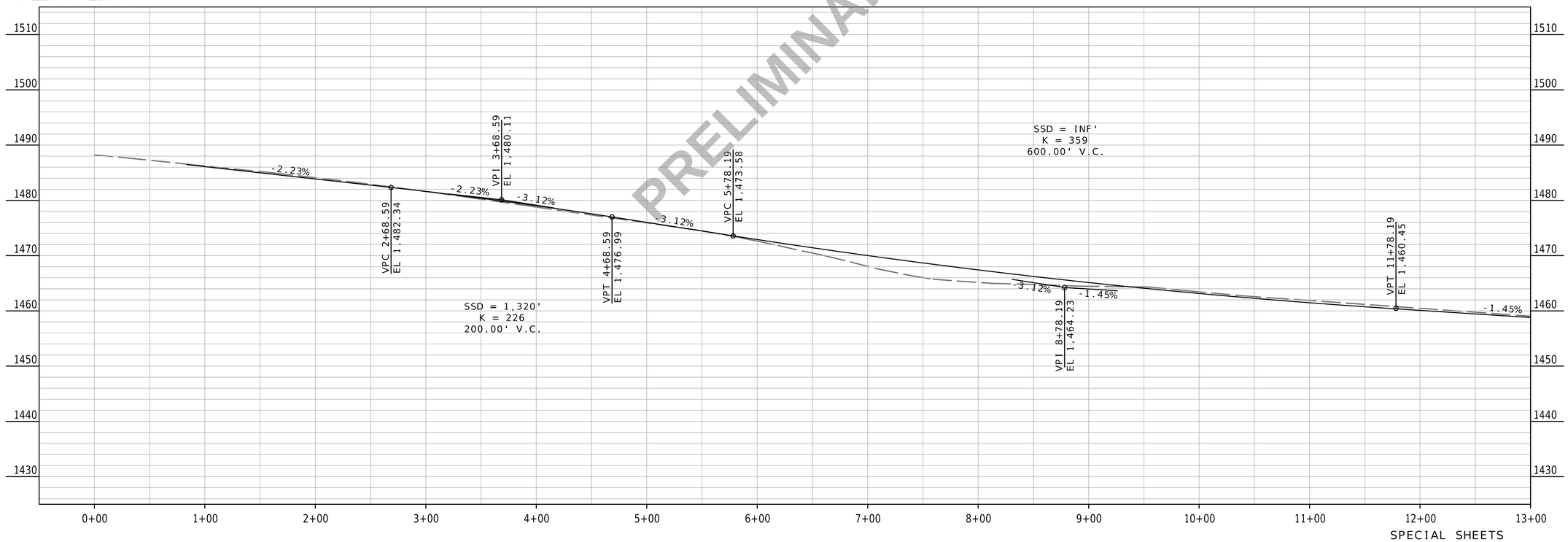
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





PRELIMINARY

SPECIAL SHEETS
SHEET 3 OF 9
CURVE REALIGNMENT BYPASS LANE
SHEET 2 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	36

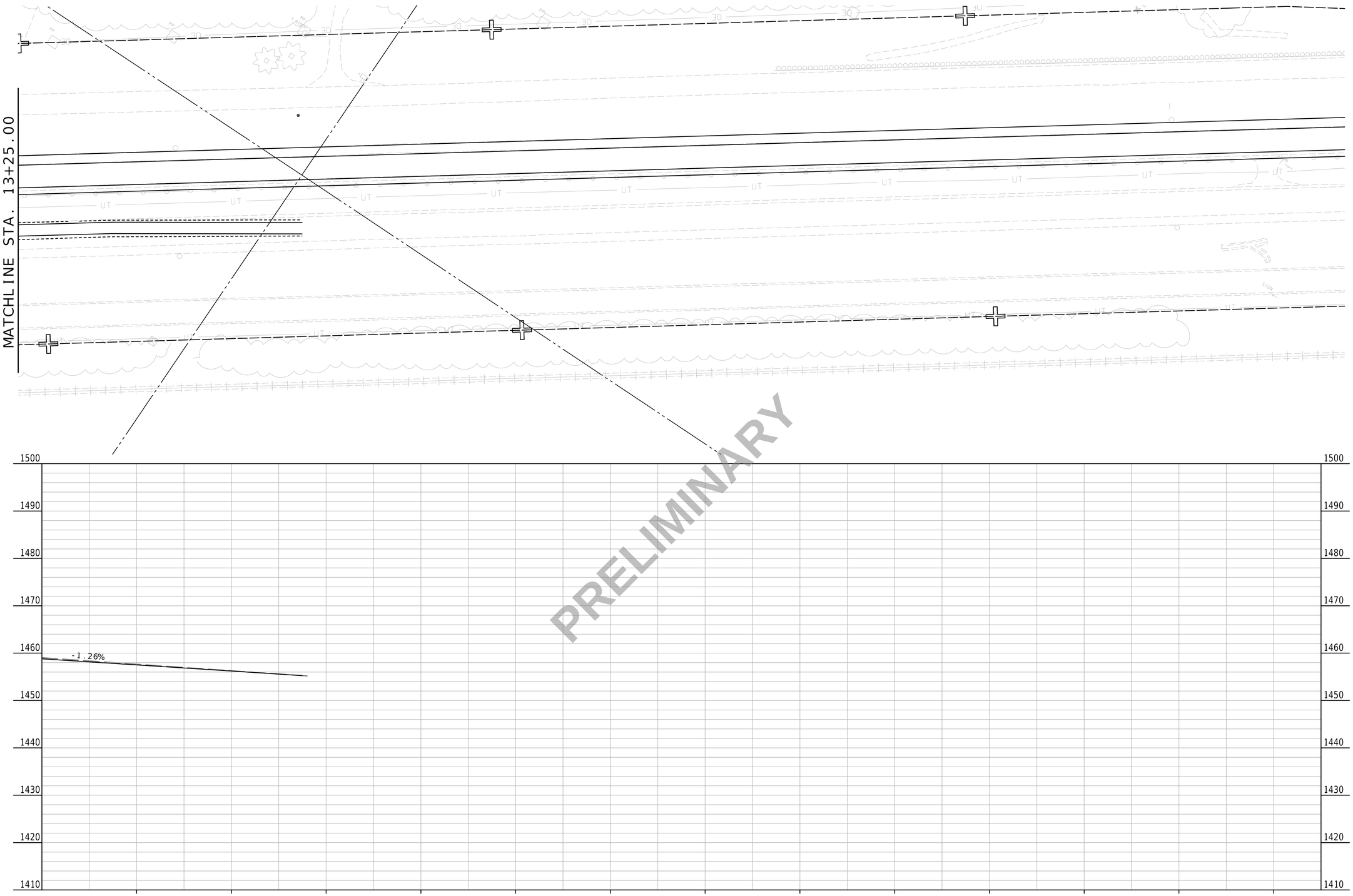
COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PRELIMINARY

SPECIAL SHEETS
SHEET 4 OF 9
CURVE REALIGNMENT BYPASS LANE
SHEET 3 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	37

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

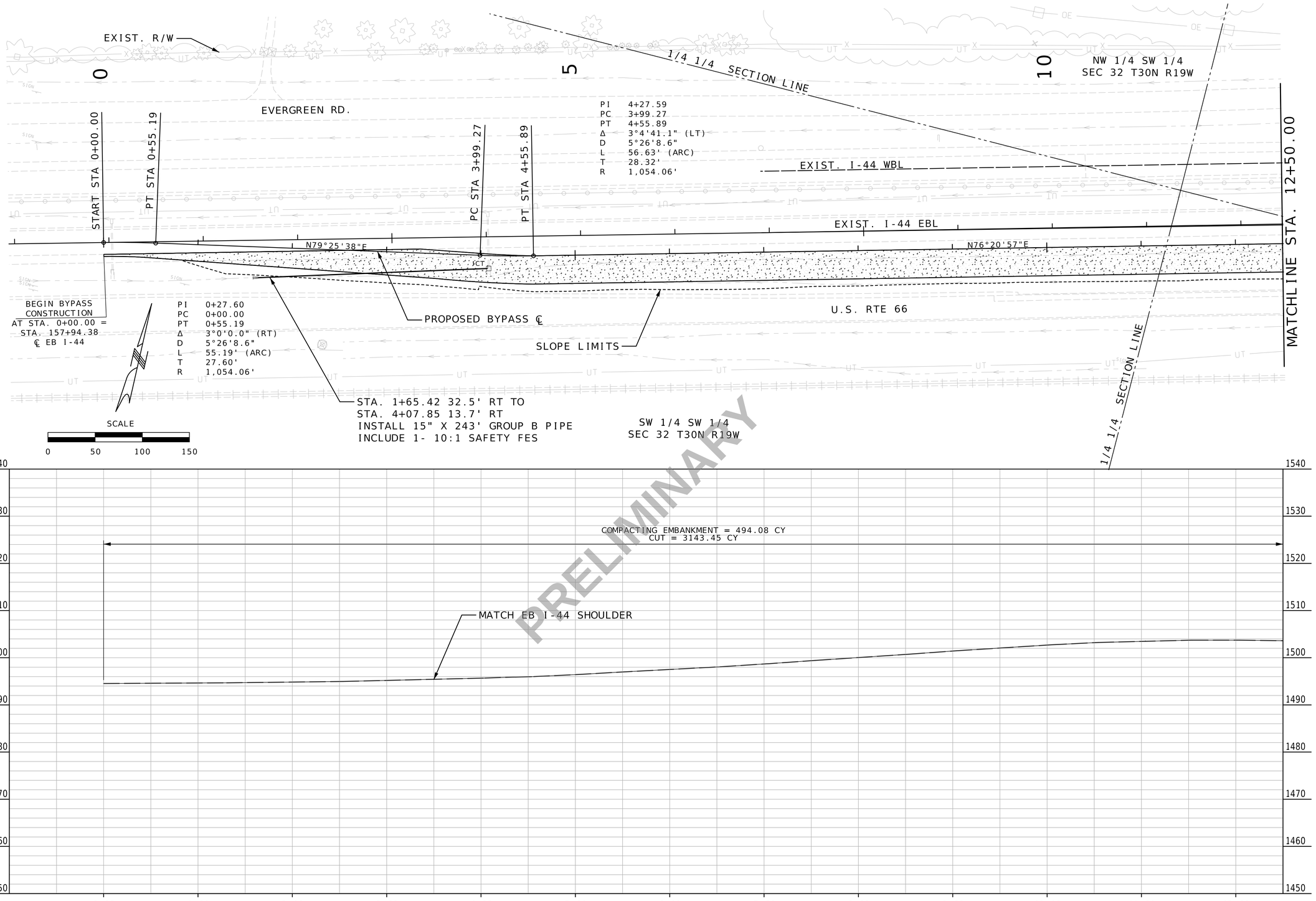
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

SPECIAL SHEETS
SHEET 5 OF 9
CURVE REALIGNMENT BYPASS LANE
SHEET 4 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	38

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

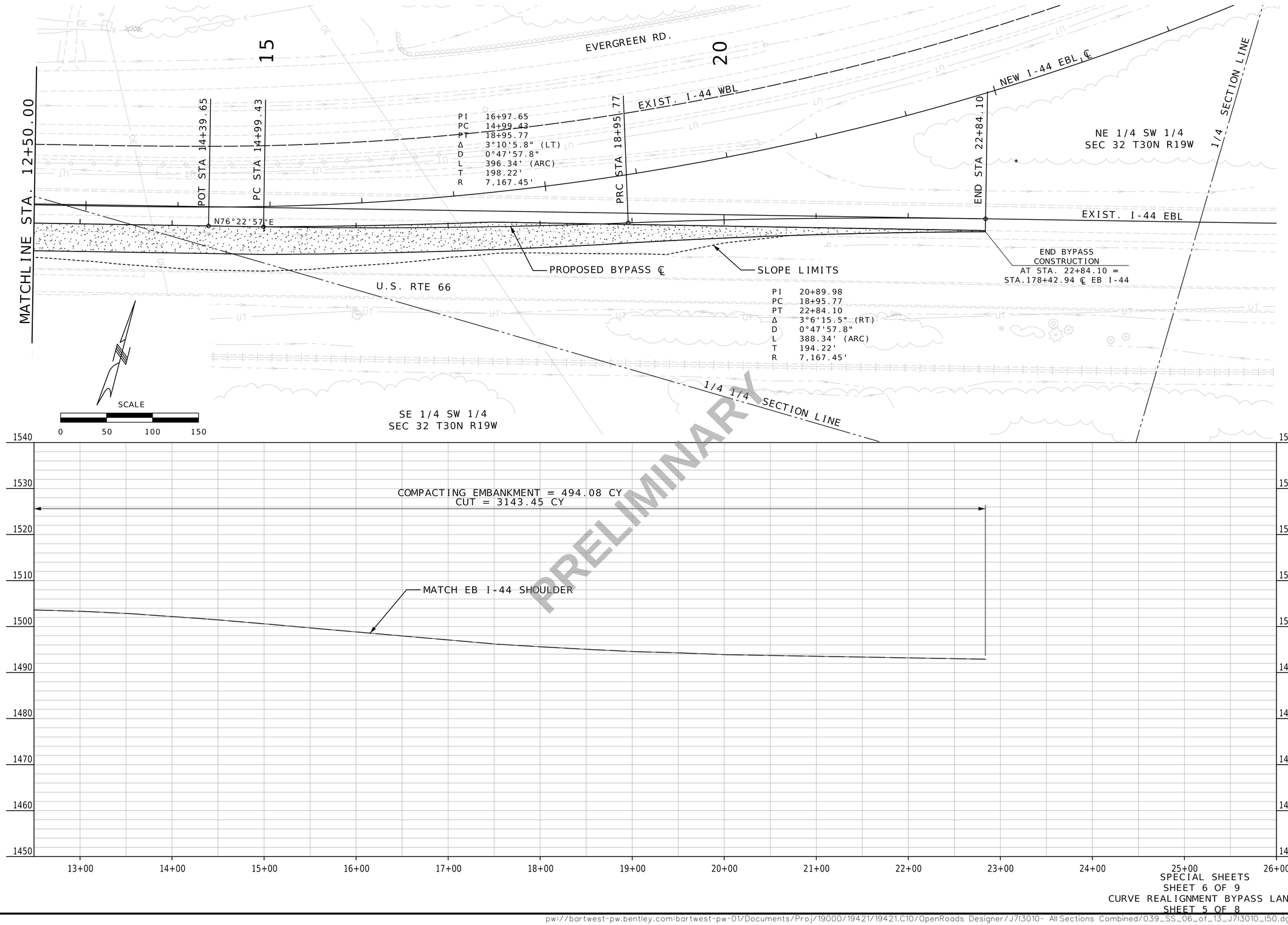
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

SPECIAL SHEETS
SHEET 6 OF 9
CURVE REALIGNMENT BYPASS LANE
SHEET 5 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

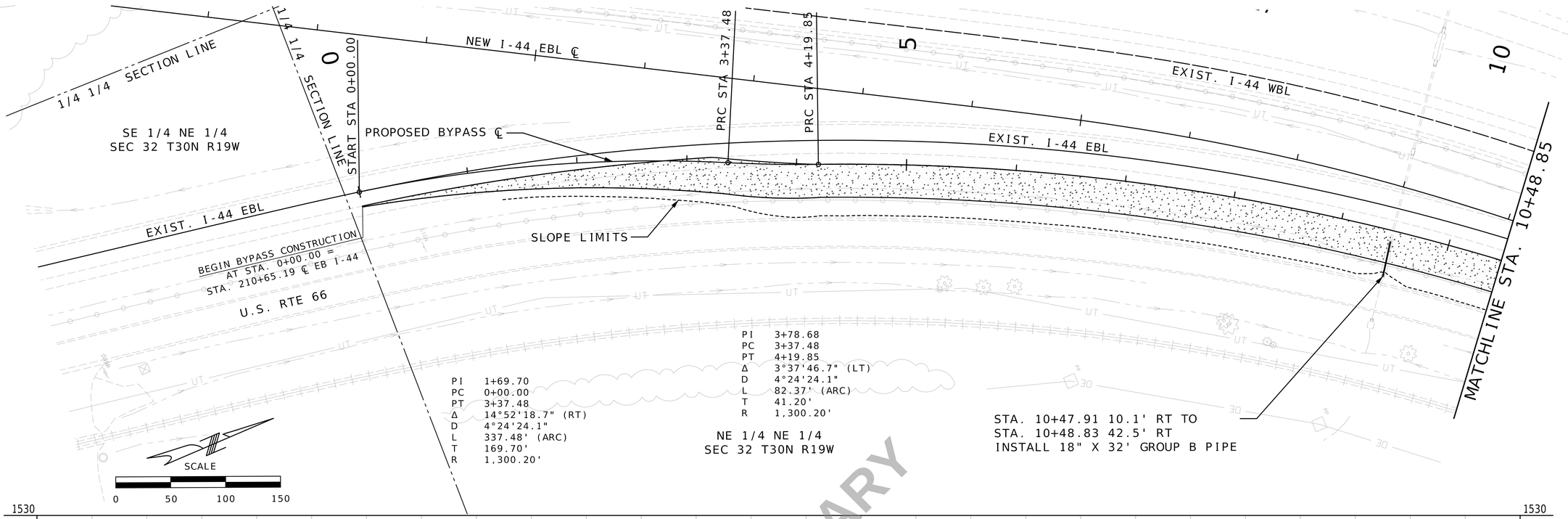
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 39
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

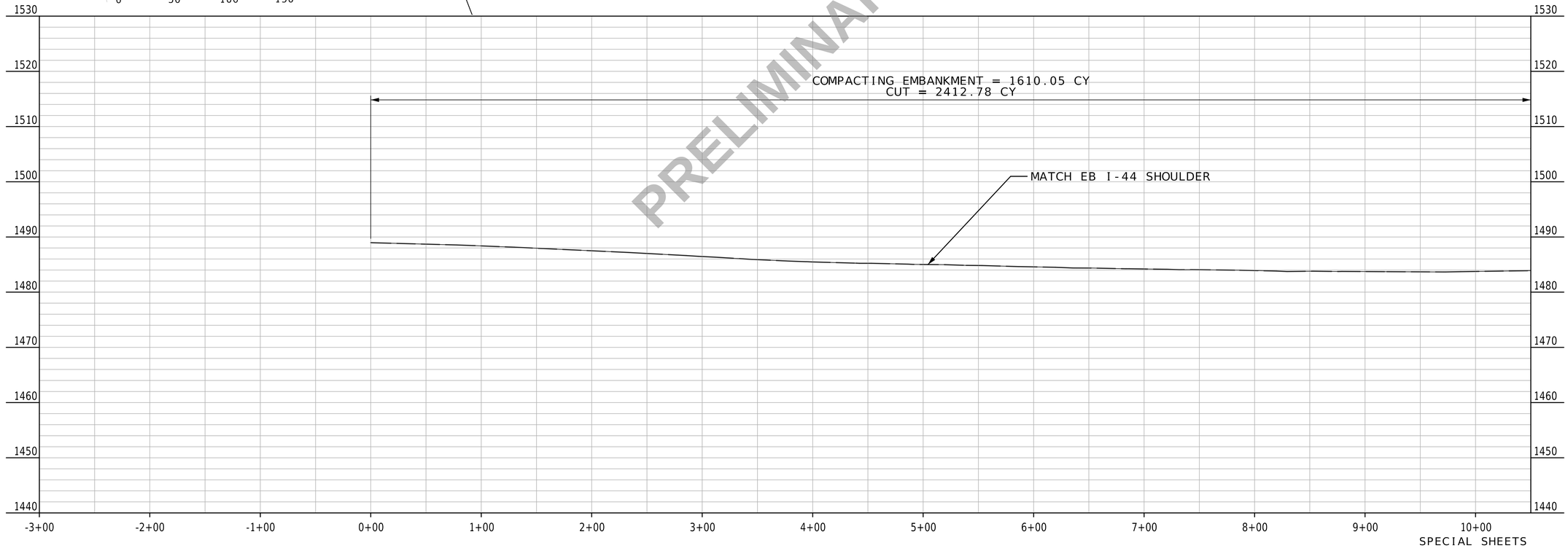
DESCRIPTION | DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





PRELIMINARY

SPECIAL SHEETS
SHEET 7 OF 9
CURVE REALIGNMENT BYPASS LANE
SHEET 6 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

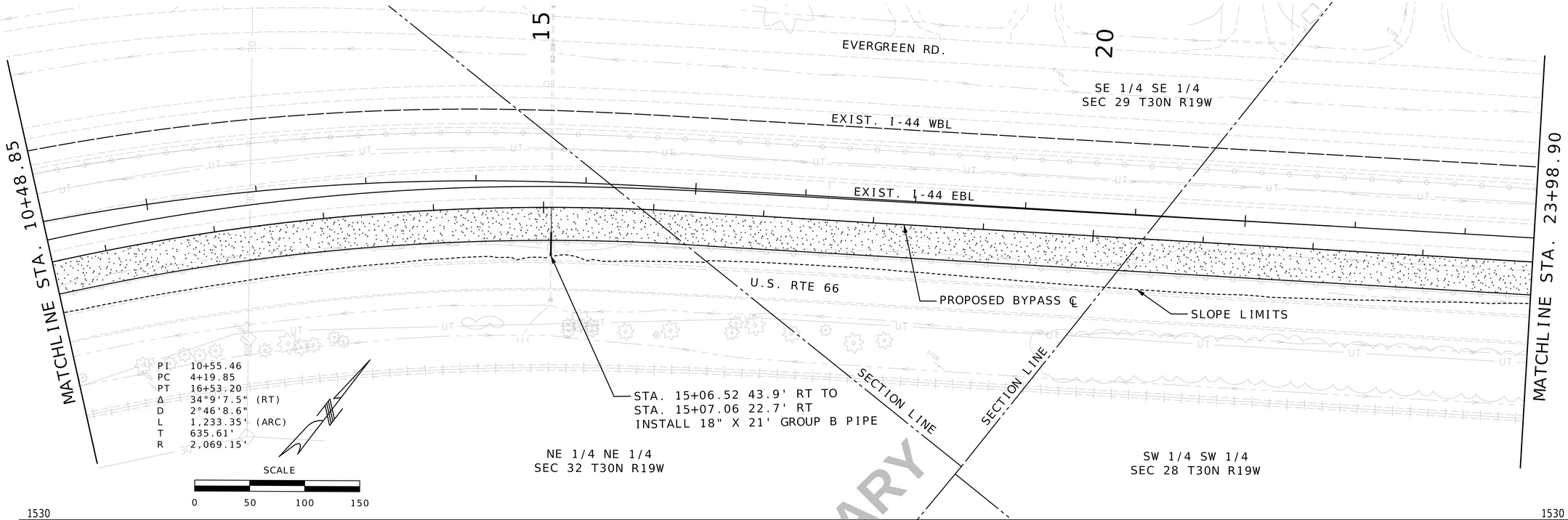
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 40
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

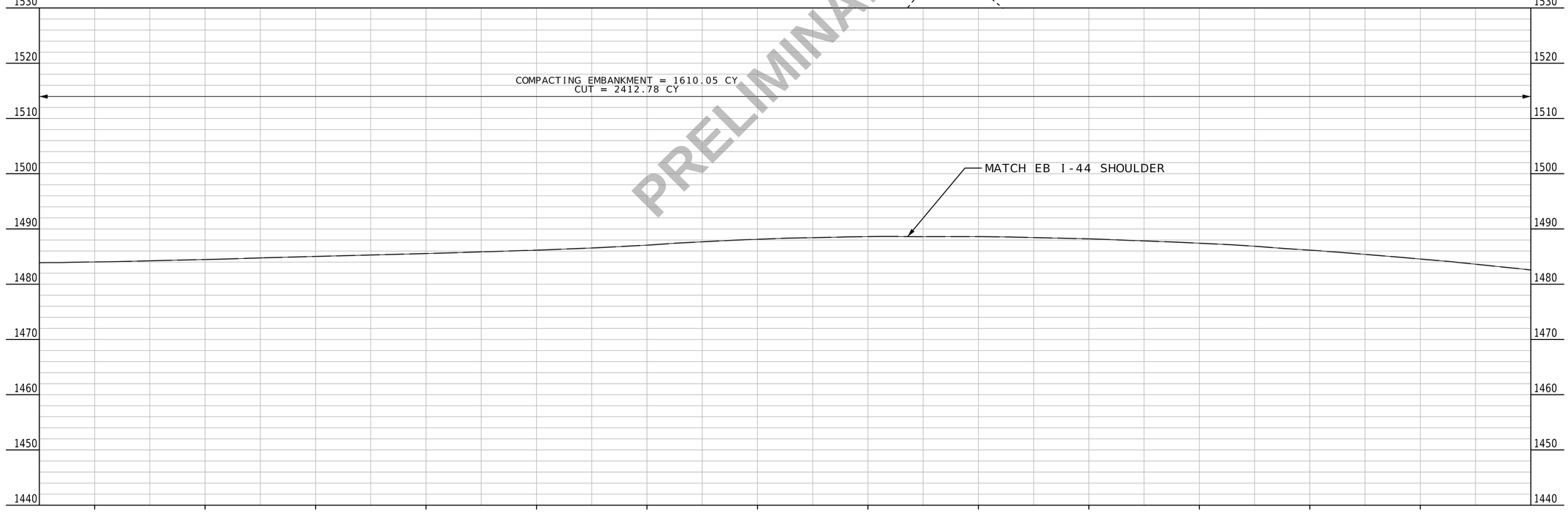
DESCRIPTION | DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





PRELIMINARY

SPECIAL SHEETS
SHEET 8 OF 9
CURVE REALIGNMENT BYPASS LANE
SHEET 7 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	41

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

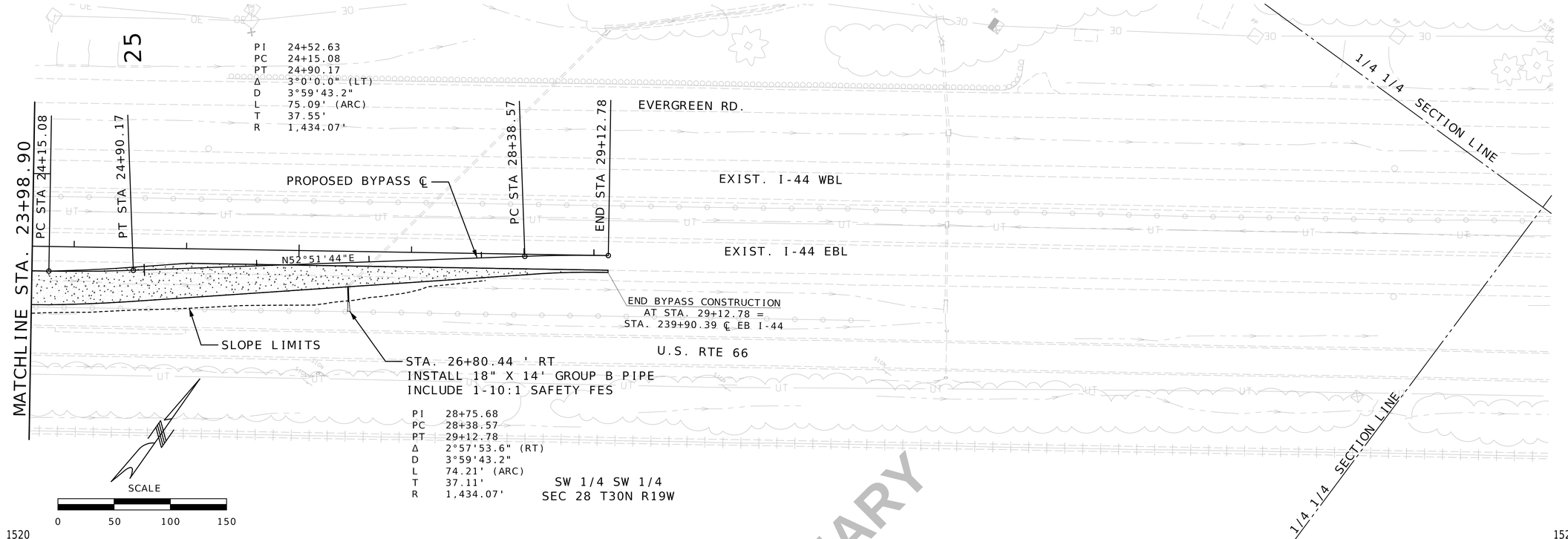
BRIDGE NO.

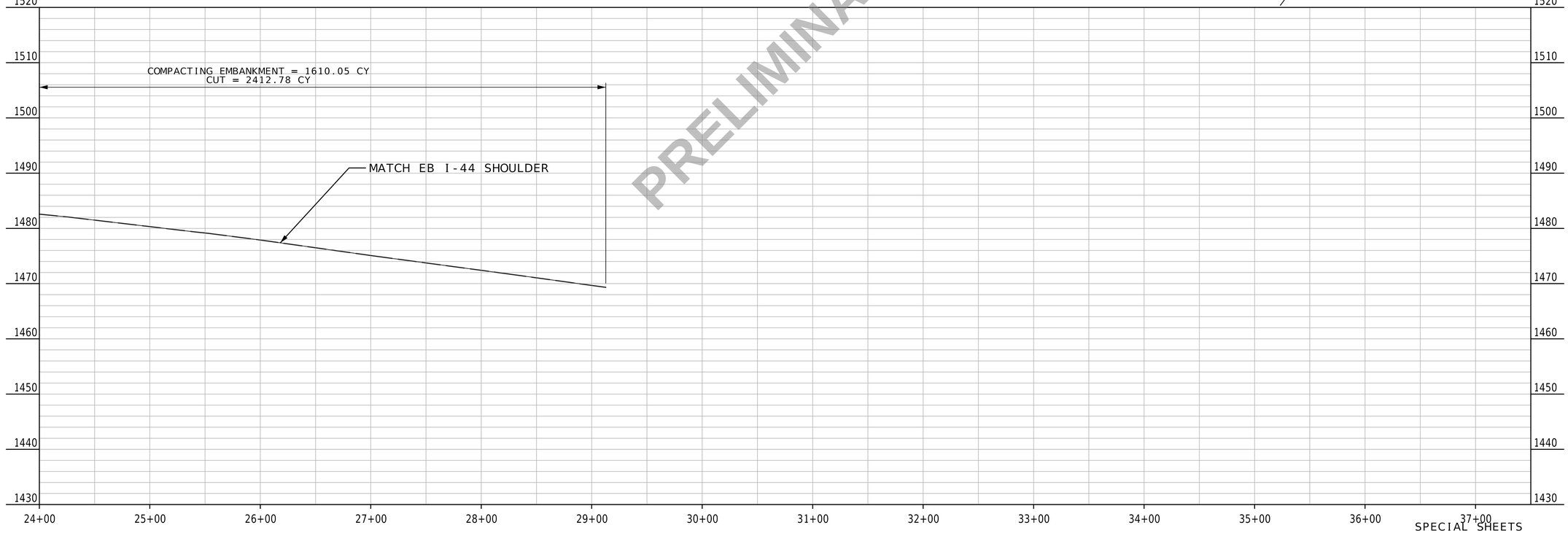
DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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





PRELIMINARY

SPECIAL SHEETS
SHEET 9 OF 9
CURVE REALIGNMENT BYPASS LANE
SHEET 8 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

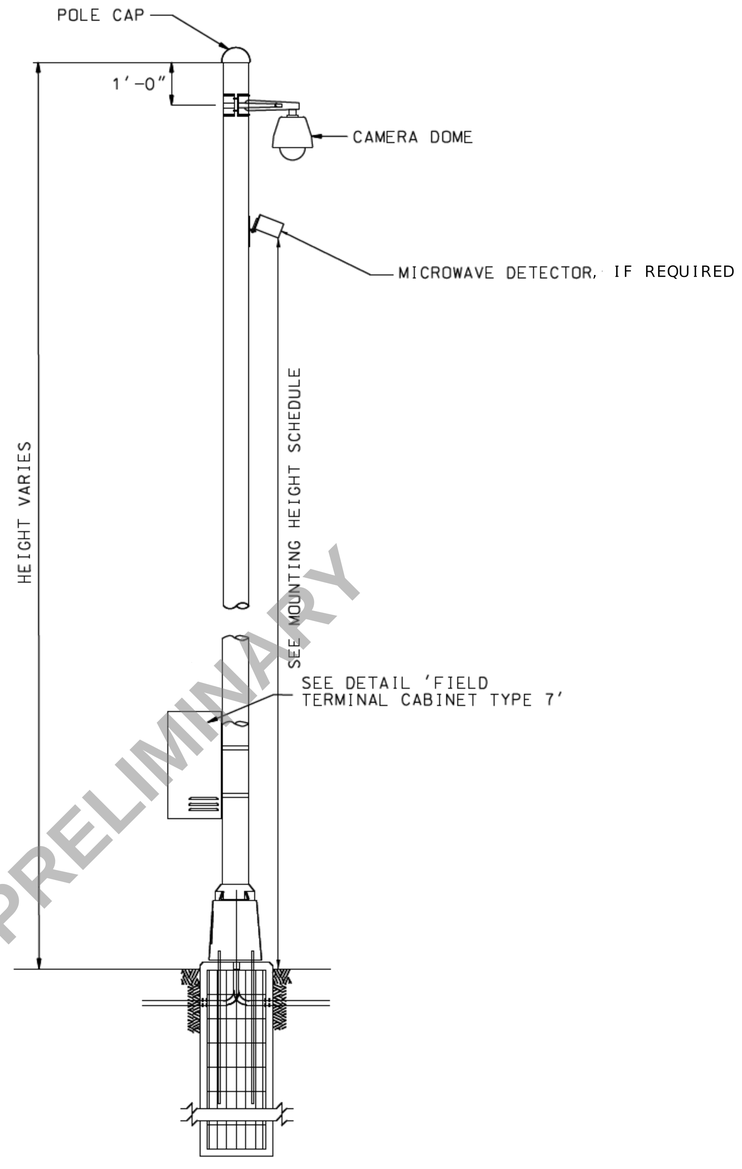
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 42
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



NEW CCTV CAMERA MOUNTING
ON TYPICAL CAMERA POLE

NOT TO SCALE

SPECIAL SHEET
SHEET 10 OF 13
CCTV MOUNTING DETAILS
SHEET 1 OF 1

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

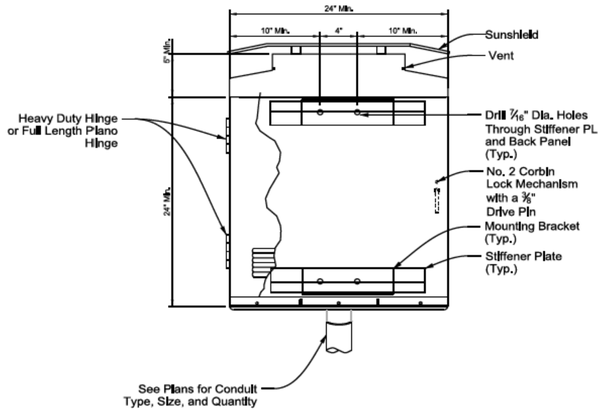
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 43
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

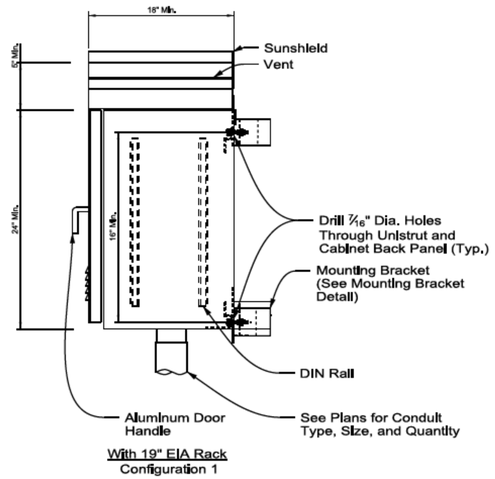
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



Pole Mounted Cabinet - Type 1 Front View

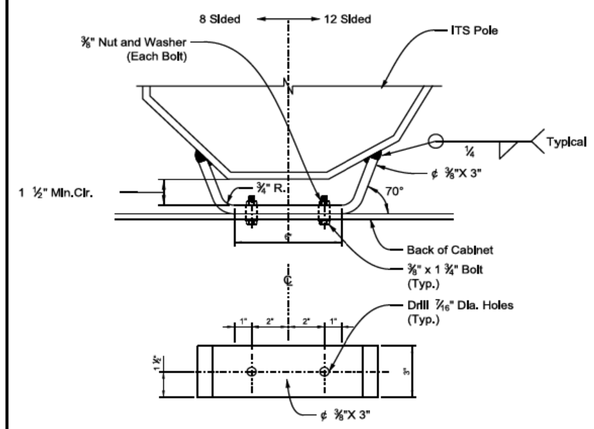
Not to Scale



With 19" EIA Rack
Configuration 1

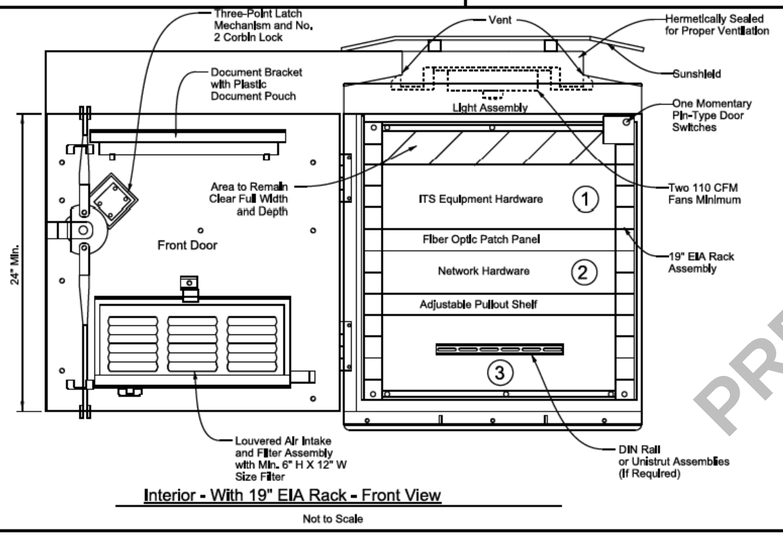
Pole Mounted Cabinet - Side View

Not to Scale



Mounting Bracket Detail

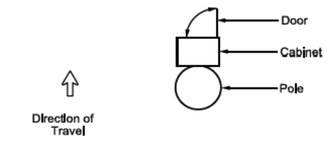
Not to Scale

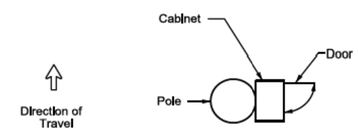


Interior - With 19" EIA Rack - Front View

Not to Scale

PRELIMINARY





Orientation of Type 1 Cabinet on ITS Pole (Typical)

Not to Scale

General Notes:

1. Layout of hardware equipment and configuration shown is diagrammatic in nature and intended to represent a preferred pole mounted cabinet setup. Hardware needed for each cabinet varies and not all cabinet equipment may be shown. The contractor will be responsible for configuring cabinets with all appropriate ITS hardware and power supplies in accordance with the plans and specifications. The contractor may alter the cabinet configuration shown to maximize space and ensure easy access for maintenance.

2. Orientation of cabinet on ITS pole may vary depending on field conditions. Mount the pole mounted cabinet to the backside of the ITS pole, to allow maintenance personnel to access the cabinet while being able to view oncoming traffic. Do not mount cabinet beneath the camera assembly.

3. All dimensions are approximate and represent minimum cabinet dimensions.

4. Provide conduit entrances at the bottom of the cabinet.

5. Paid under Special Provisions "ITS Pole with Cabinet".

Equipment Layout Legend	
	Example Equipment
1	CCTV POE, (See General Note 1)
2	Ethernet Switch, Fiber Optic Transceivers, or Fiber Patch Panel (See General Note 1)
3	Power Distribution Assembly, Service Entrance Breakers, Primary AC Power, Auxiliary Power Strip, Ground Bus Bar Surge Protection Equipment

SPECIAL SHEET
SHEET 11 OF 13
ITS POLE MOUNTED CABINET
SHEET 1 OF 2

Preliminary
Plans -
NOT FOR
CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	44

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

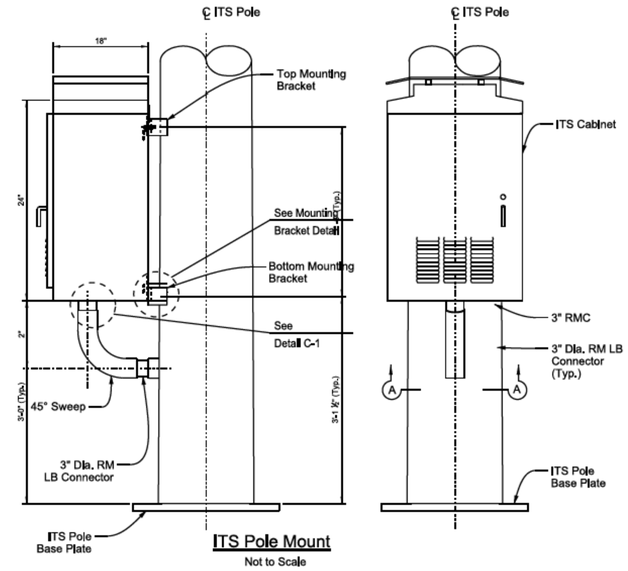
BRIDGE NO.

DESCRIPTION	DATE

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

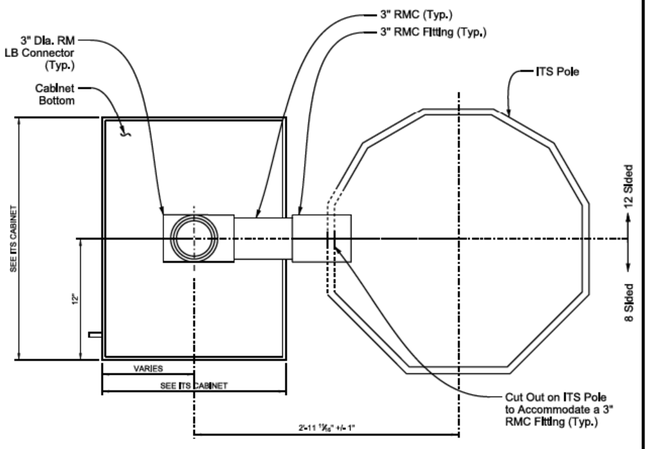
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



ITS Pole Mount

Not to Scale



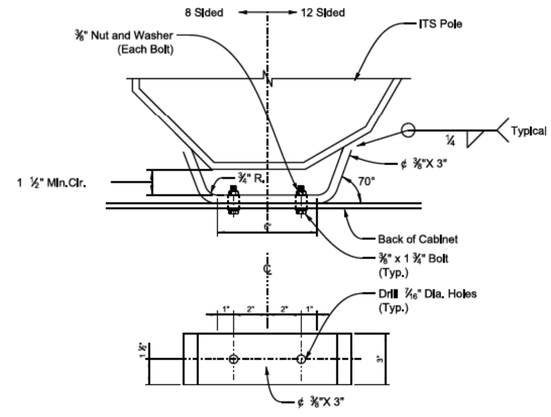
Section A-A

Not to Scale

Detail C-1

Detail C-1 and C-2

Not to Scale



Mounting Bracket Detail

Not to Scale

General Notes:

1.Orientation of cabinet on ITS pole may vary depending on field conditions. Mount the pole mounted cabinet to the backside of the ITS pole, to allow maintenance personnel to access the cabinet while being able to view oncoming traffic. Do not mount cabinet beneath the camera assembly.

2. All dimensions are approximate and represent minimum dimensions.

3. Provide conduit entrances at the bottom of the cabinet.

SPECIAL SHEET
SHEET 12 OF 13
ITS POLE MOUNTED CABINET
SHEET 2 OF 2

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	45

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

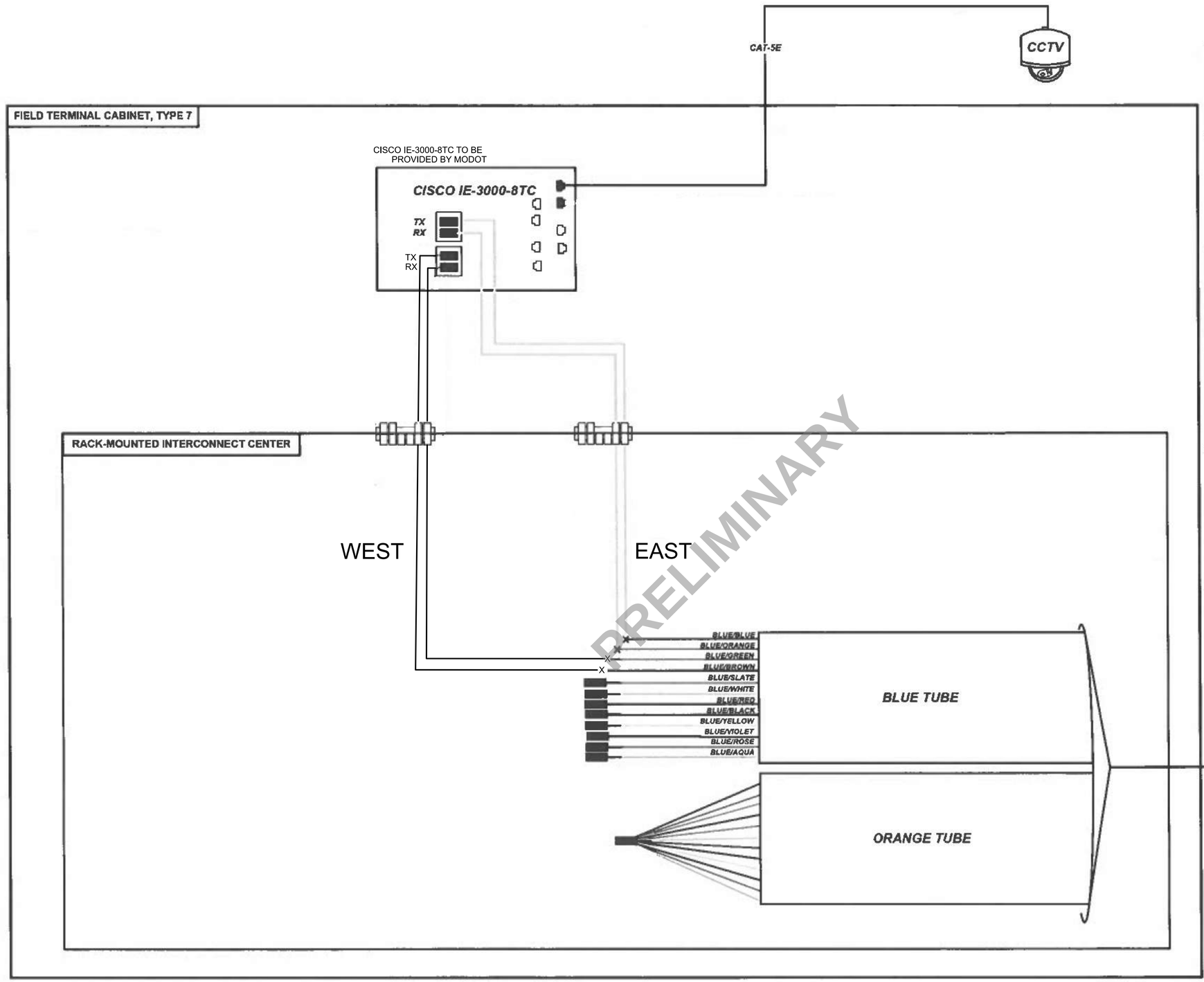
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



KEY

MH170N123.4G	DEVICE IDENTIFIER
CCTV	CCTV CAMERA
CCTV	EXISTING CCTV CAMERA
DMS	DYNAMIC MESSAGE SIGN
DMS	EXISTING DYNAMIC MESSAGE SIGN
	SM PATCH THROUGH FIBER OPTIC JUMPER
	SM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	SM FIBER OPTIC PIGTAIL
	MM PATCH THROUGH FIBER OPTIC JUMPER
	MM EQUIPMENT CONNECTION FIBER OPTIC JUMPER
	MM FIBER OPTIC PIGTAIL
	BARE FIBER LEFT COILED IN SPLICE TRAY
	EXISTING/PROPOSED FUSION SPLICE
	PATCH PANEL MODULE
	WIRELESS LINK

NOTE: DASHED LINES DENOTE EXISTING CABLES, DEVICES, OR ENCLOSURES.

NOTES

1. MAXIMUM SPLICE LOSS SHALL BE 0.1 dB
2. NO INTERMEDIATE SPLICES ALLOWED
3. ALL SPLICES SHALL BE FUSION SPLICES

SPECIAL SHEET
SHEET 13 OF 13
FIBER SPLICE DIAGRAM
SHEET 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	46

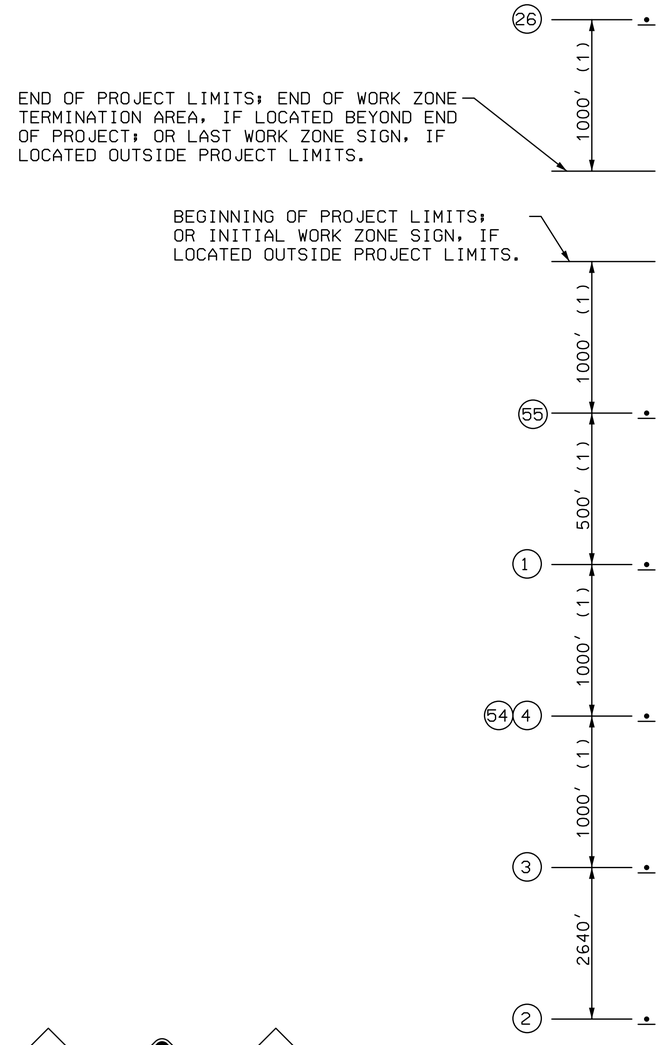
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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





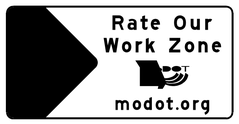
MULTI-LANE DIVIDED
BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)

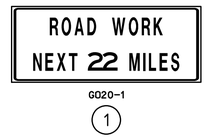
Roadway Improvements

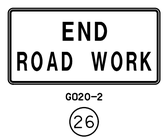
MoDOT **SUMMER 2026**

CONST-5-96
71















NOTES:

ALL LANES OF I-44 ARE TO BE OPEN DURING NON-WORKING HOURS UNLESS APPROVED IN WRITING BY THE ENGINEER.

MINIMUM WIDTH FOR I-44 TRAFFIC LANE IS 10 FEET.

SIGN (1) IS REQUIRED PER EPG 616.6.56.

SIGN (26) IS USED ON ALL PROJECTS WHERE SIGN (1) IS USED.

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 ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

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

(3) SIGN CONST-5-96 IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS.

ALL TEMPORARY TRAFFIC CONTROL SIGNS ARE PORTABLE UNLESS OTHERWISE NOTED. ALL SIGNS ON THIS SHEET ARE PERMANENT MOUNTING.

PRELIMINARY

TRAFFIC CONTROL SHEET
SHEET 1 OF 34
GENERAL INFO.
SHEET 1 OF 2

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	47

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

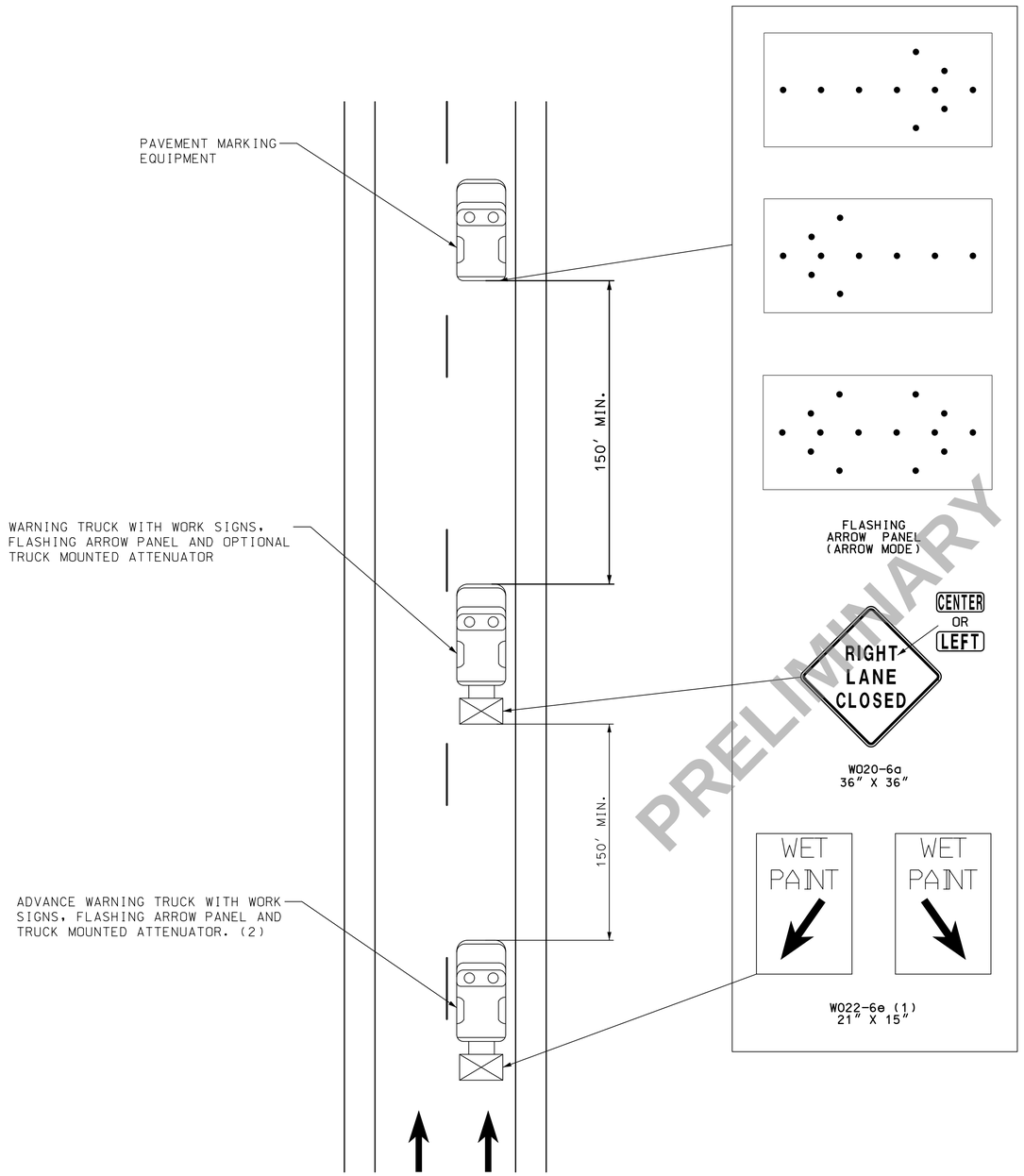
DESCRIPTION	DATE
.	.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



TRAFFIC CONTROL FOR MOVING PAVEMENT MARKING

NOTES:

ALL SIGNS HAVE TYPE 3 FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.

(1) WET PAINT SIGNS ARE INSTALLED TO INDICATE THE SIDE IN WHICH THE PAVEMENT MARKING MATERIAL IS BEING APPLIED. AT THE CONTRACTOR'S OPTION, A FRONT FACING WET PAINT SIGN MAY BE INSTALLED ON THE LEFT SIDE OF THE PAVEMENT MARKING EQUIPMENT.

(2) ADVANCE WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL OR SPACING SHOWN. WHICHEVER IS GREATER.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAT HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

VEHICLE HAZARD WARNING SIGNALS SHALL NOT BE USED INSTEAD OF THE VEHICLE'S HIGH-INTENSITY, ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

FLASHING ARROW PANELS SHALL, AS A MINIMUM, BE TYPE B, WITH A SIZE OF 60 X 30 INCHES.

THE STRIPING OPERATION SHALL BE COMPLETED UNDER A LANE CLOSURE.

TRAFFIC CONTROL SHEET
SHEET 2 OF 34
GENERAL INFO.
SHEET 2 OF 2

PRELIMINARY

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 48
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

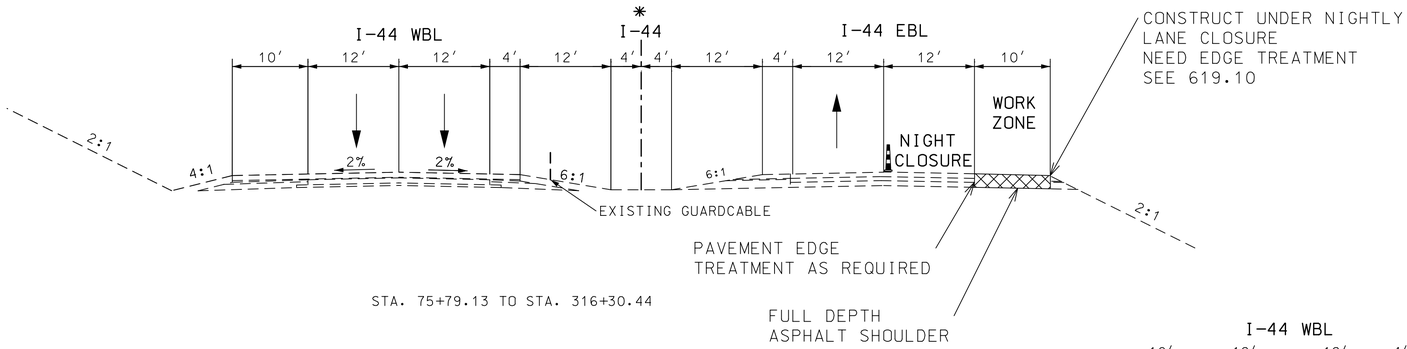
DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

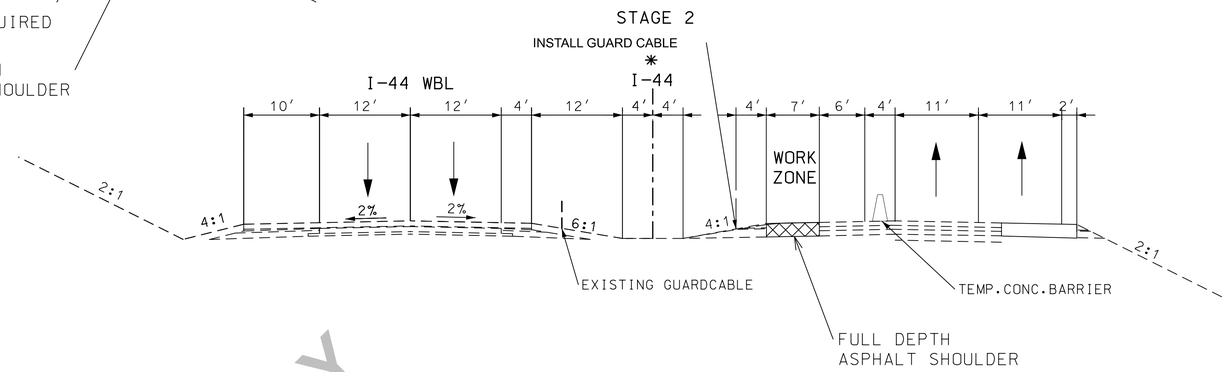
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

STAGE 1

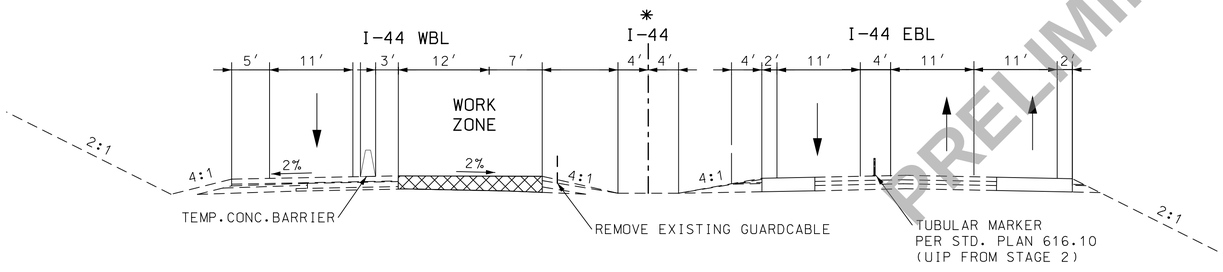


STA. 75+79.13 TO STA. 316+30.44

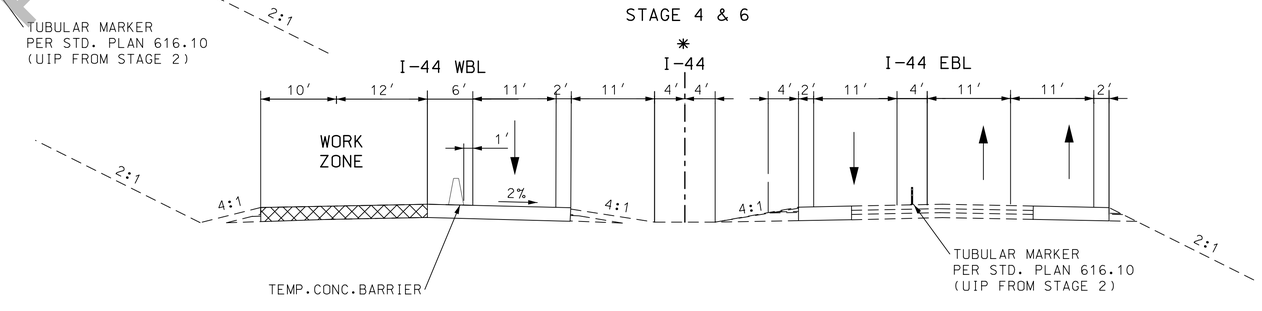
STAGE 2



STAGE 3 & 5



STAGE 4 & 6



PRELIMINARY

CONSTRUCTION SEQUENCE PAVEMENT REPLACEMENT

TRAFFIC CONTROL
SHEET 3 OF 34
SHEET 1 OF 2

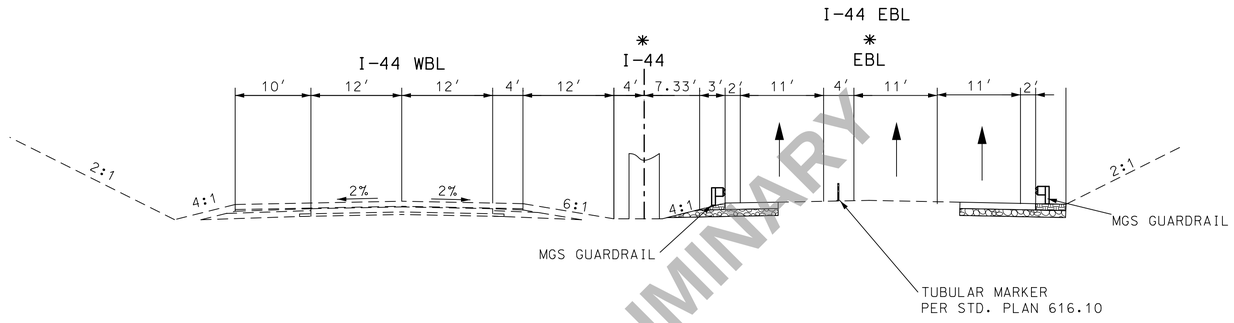
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 49
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



STA. 366+66.80 TO STA. 367+07.65

PRELIMINARY

STAGES 3, 4, 5, & 6
THROUGH HWY B INTERCHANGE

TRAFFIC CONTROL
SHEET 4 OF 34
CONSTRUCTION SEQUENCE
PAVEMENT REPLACEMENT
SHEET 2 OF 2

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	50

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

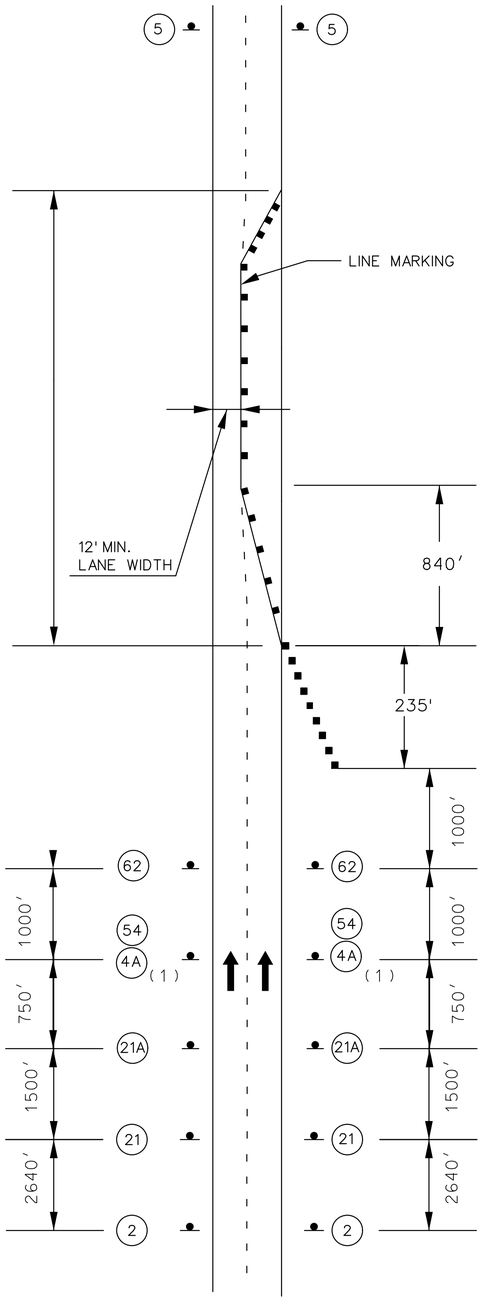
BRIDGE NO.

DESCRIPTION	DATE

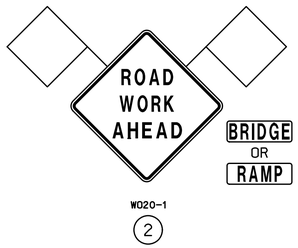
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

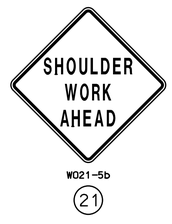
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



SHOULDER WORK ON DIVIDED HIGHWAY
NIGHTLY LANE CLOSURES





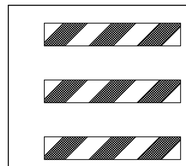












FOR FLAGS AND ADVANCE WARNING RAIL SYSTEMS, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCED WARNING RAIL SYSTEM

PRELIMINARY

NOTES:

ROAD WORK AHEAD NOT REQUIRED IF SHOULDER WORK IS LOCATED WITHIN THE LIMITS OF AN ACTIVITY AREA WHERE ANOTHER ROAD WORK AHEAD IS ALREADY USED.

IF SHOULDER IS SUITABLE FOR CARRYING TRAFFIC, THE LANES MAY BE SHIFTED TO THE SHOULDER WITH APPROPRIATE PAVEMENT MARKING.

ROAD NARROWS SIGN SHOULD BE USED WHEN THE LANE WIDTH IS REDUCED.

ON UNDIVIDED HIGHWAYS PROVIDE SIGNS ONLY ON THE RIGHT SIDE OF EACH APPROACH.

(1). SIGN 44A NOT REQUIRED FOR NARROW LANE SECTIONS LESS THAN ONE MILE.

FOR NIGHTIME OPERATIONS, REVIEW EPG, 616.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS

FOR TEMPORARY LANE CLOSURE FOR CROSSOVER & EBL OUTSIDE SHOULDER CONSTRUCTION

TRAFFIC CONTROL SHEET
SHEET 5 OF 34
STAGE 1
SHEET 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

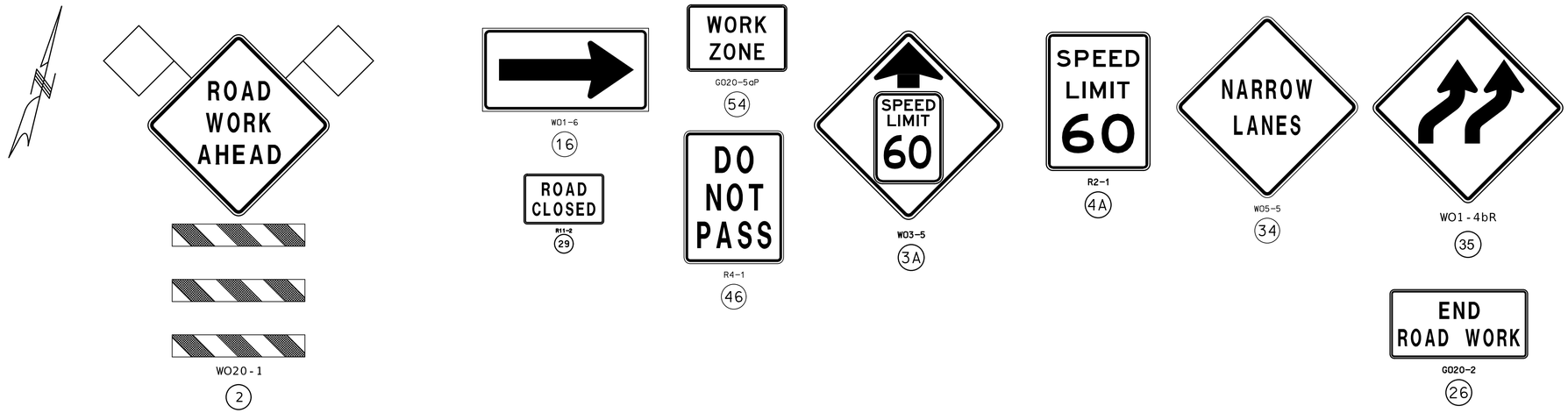
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 51
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

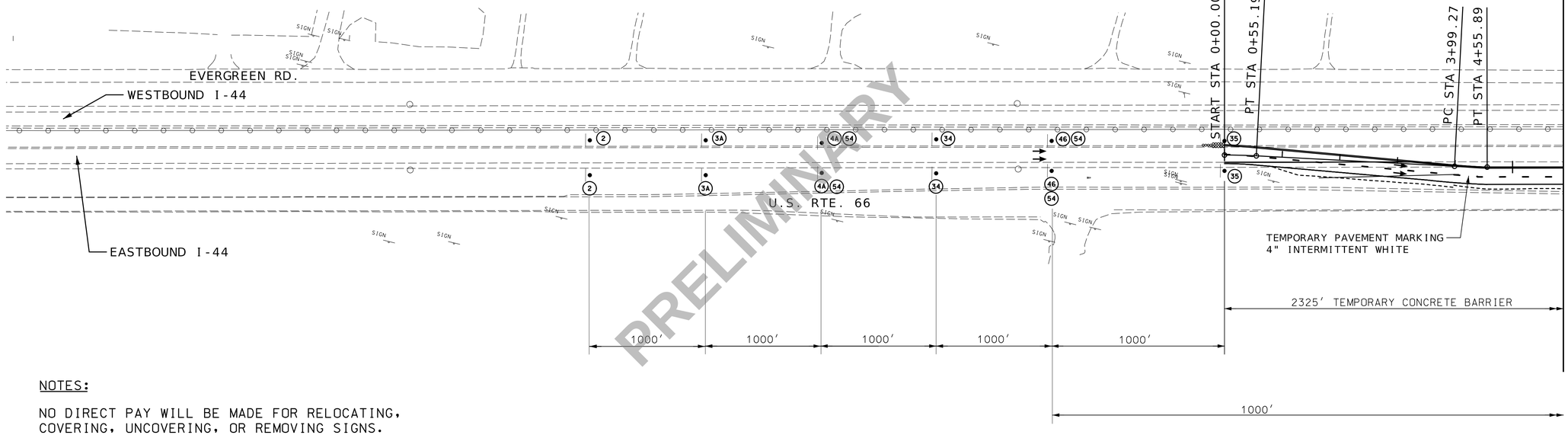
DESCRIPTION	DATE
.	.
.	.
.	.
.	.
.	.
.	.
.	.

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)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





PRELIMINARY

NOTES:

NO DIRECT PAY WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.

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

LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE. ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS.

SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

LANE CLOSURES ARE ALLOWED DURING WORKING HOURS ONLY. SEE SPECIAL PROVISIONS FOR ALL CLOSURE RESTRICTIONS.

SCALE

0 100 200 300 400 500

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- IMPACT ATTENUATOR ARRAY - SAND BARRELS
- CONCRETE BARRIER
- TYPE III MOVEABLE BARRICADE

TRAFFIC CONTROL SHEET
SHEET 6 OF 24
CURVE REALIGNMENT
STAGE 1- SHEET 1 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 52
COUNTY WEBSTER
JOB NO. J713010
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)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



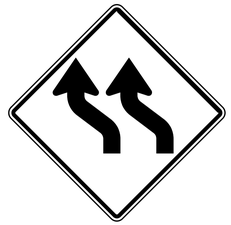


G020-5aP

54

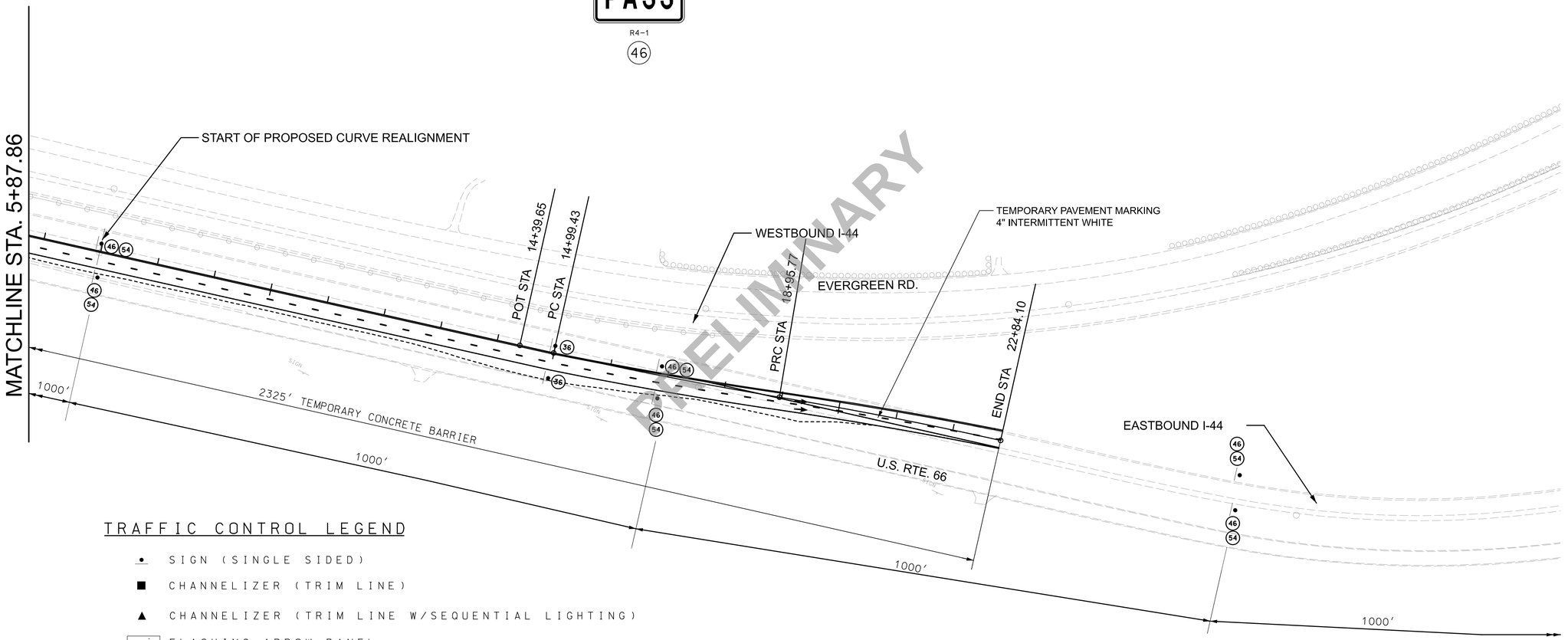
R4-1

46



W01-4bL

36



PRELIMINARY

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- IMPACT ATTENUATOR ARRAY – SAND BARRELS
- CONCRETE BARRIER
- TYPE III MOVEABLE BARRICADE

SCALE

0 100 200 300 400 500

TRAFFIC CONTROL SHEET
SHEET 7 OF 34
CURVE REALIGNMENT
STAGE 1- SHEET 2 OF 5

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	53

COUNTY: WEBSTER

JOB NO.: J713010

CONTRACT ID.:

PROJECT NO.:

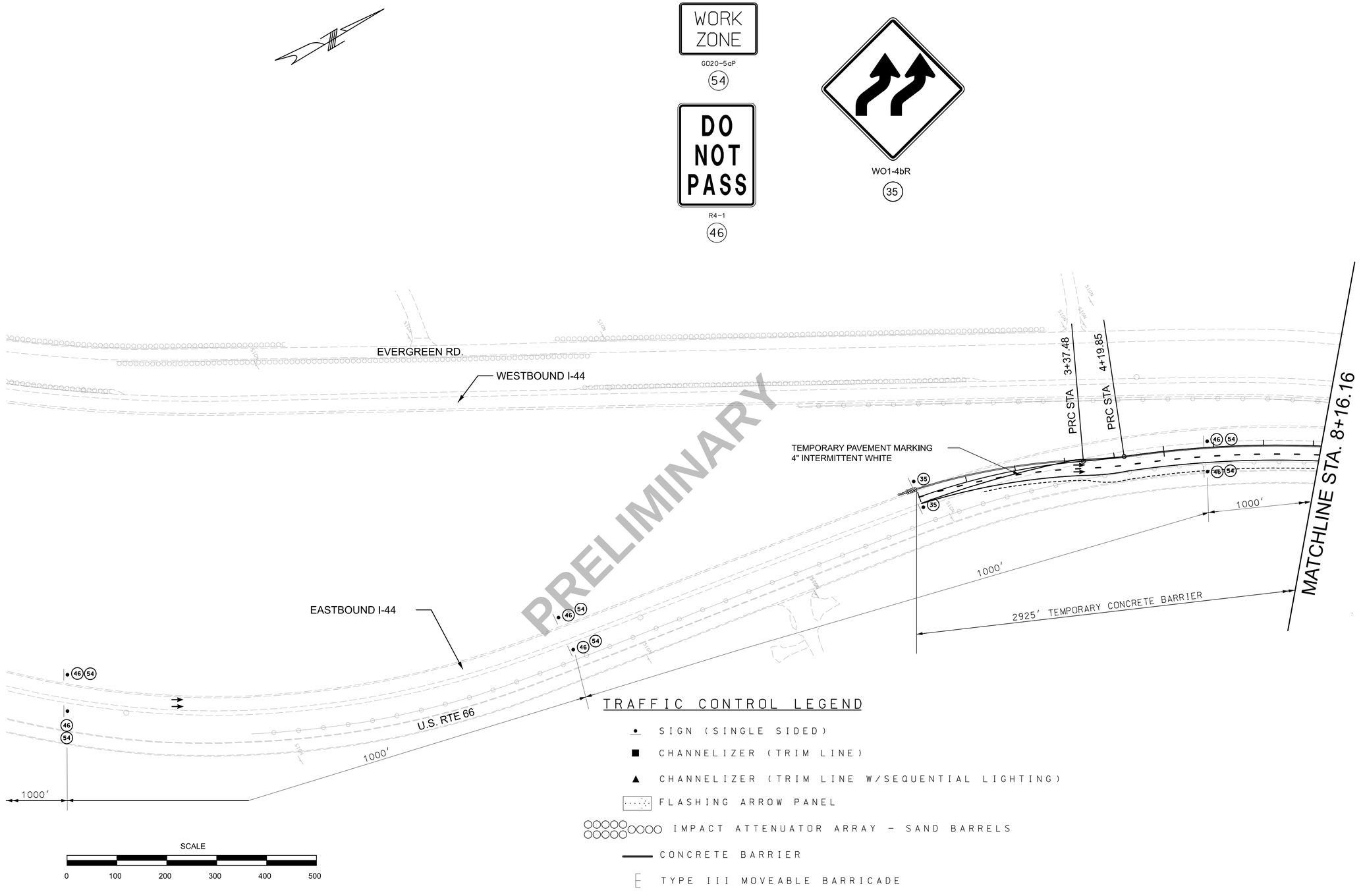
BRIDGE NO.:

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- IMPACT ATTENUATOR ARRAY - SAND BARRELS
- CONCRETE BARRIER
- TYPE III MOVEABLE BARRICADE

TRAFFIC CONTROL SHEET
SHEET 8 OF 34
CURVE REALIGNMENT
STAGE 1- SHEET 3 OF 5

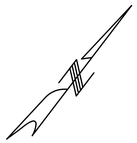
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 54
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

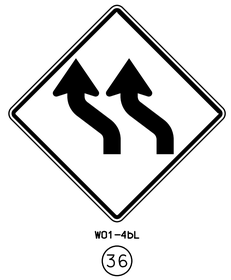
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

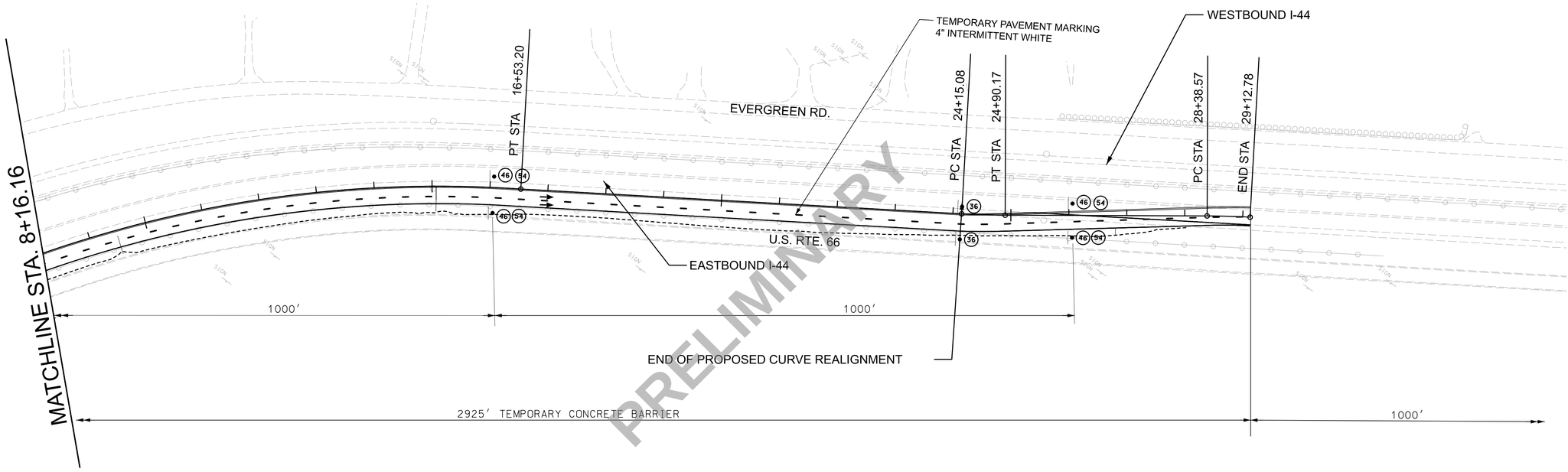
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









PRELIMINARY

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- IMPACT ATTENUATOR ARRAY – SAND BARRELS
- CONCRETE BARRIER
- TYPE III MOVEABLE BARRICADE

SCALE

0 100 200 300 400 500

TRAFFIC CONTROL SHEET
SHEET 9 OF 34
CURVE REALIGNMENT
STAGE 1- SHEET 4 OF 5

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	55

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

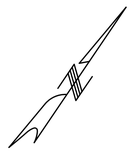
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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





W05-5
(34)



G020-2
(26)



R2-1
(4A)



W03-5
(3A)



G020-5aP
(54)



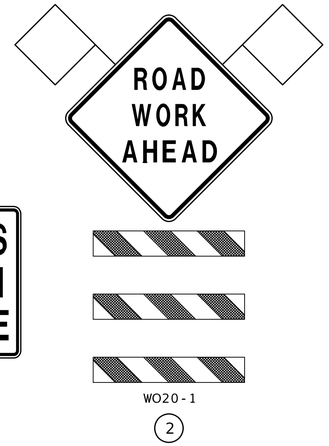
R4-1
(46)



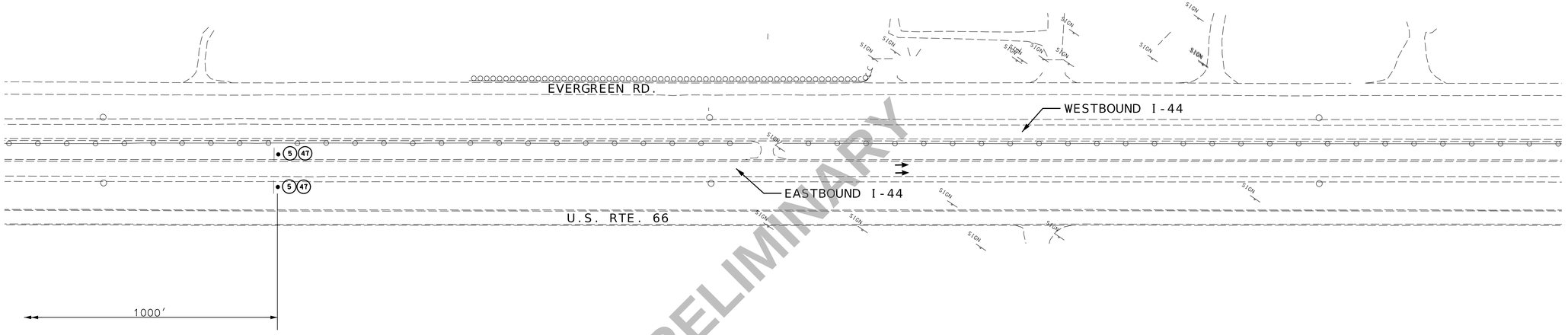
R2-1
(5)



R4-2
(47)



WO20-1
(2)



PRELIMINARY

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- IMPACT ATTENUATOR ARRAY - SAND BARRELS
- CONCRETE BARRIER
- TYPE III MOVEABLE BARRICADE

SCALE

0 100 200 300 400 500

TRAFFIC CONTROL SHEET
SHEET 10 OF 34
CURVE REALIGNMENT
STAGE 1- SHEET 5 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	56

COUNTY WEBSTER

JOB NO. J713010

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)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



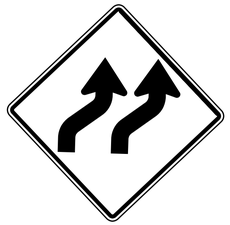
WO20-1
(2)



WO3-5
(3)

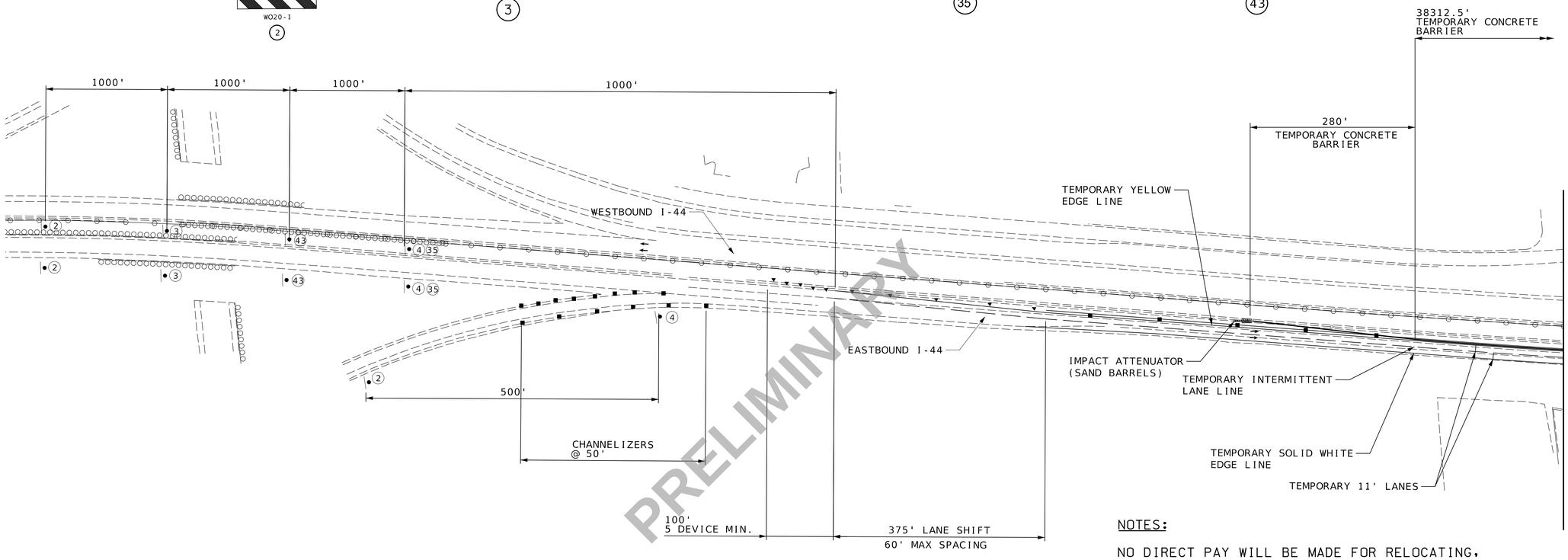


R2-1
(4)


WO1-4bR
(35)



WO5-1
(43)



PRELIMINARY

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

THE TRAFFIC CONTROL PLAN SHOWN IS FOR EBL MEDIAN SHOULDER REPLACEMENT.

NOTES:

NO DIRECT PAY WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.

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

LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE. ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS.

SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

LANE CLOSURES ARE ALLOWED DURING WORKING HOURS ONLY. SEE SPECIAL PROVISIONS FOR ALL CLOSURE RESTRICTIONS.

ANY PAVEMENT MARKING SHOWN ON THE TRAFFIC CONTROL SHEETS IS CONSIDERED TEMPORARY.

TRAFFIC CONTROL SHEET
SHEET 11 OF 34
PAVEMENT REPLACEMENT
STAGE 4- SHEET 1 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 57
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

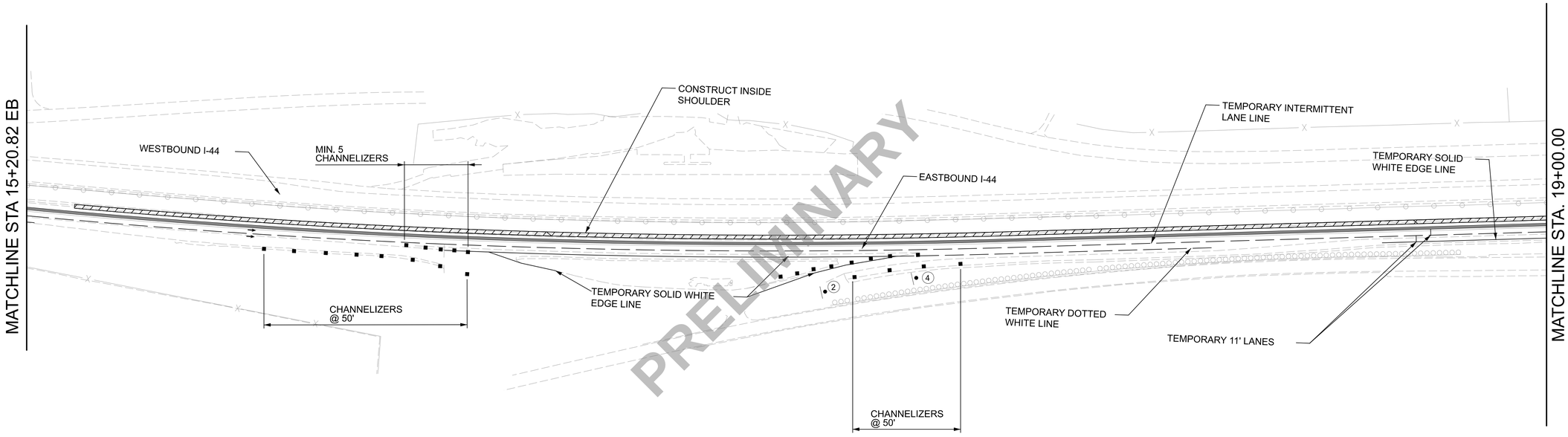
DESCRIPTION	DATE
.	.

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

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

38,312.5'
TEMPORARY CONCRETE BARRIER



PRELIMINARY

TRAFFIC CONTROL LEGEND

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE

THE TRAFFIC CONTROL PLAN SHOWN IS FOR EASTBOUND MEDIAN SHOULDER REPLACEMENT.

TRAFFIC CONTROL SHEET
SHEET 12 OF 34
PAVEMENT REPLACEMENT
STAGE 4- SHEET 2 OF 5

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	58

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

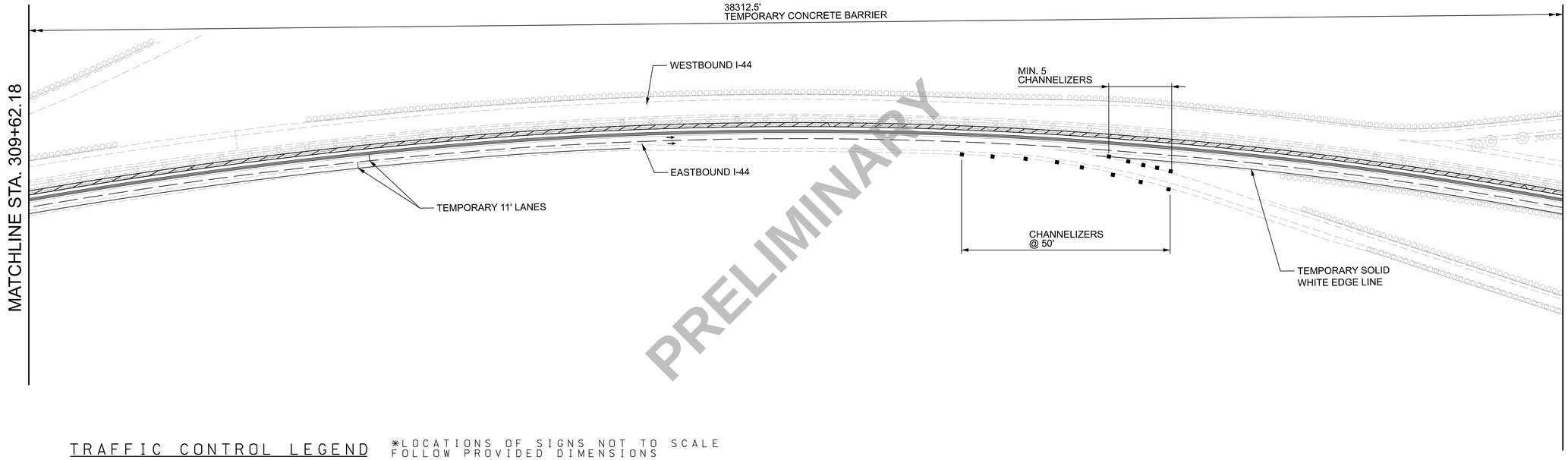
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

TRAFFIC CONTROL LEGEND

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN

THE TRAFFIC CONTROL PLAN SHOWN IS FOR EBL MEDIAN SHOULDER REPLACEMENT.

TRAFFIC CONTROL SHEET
SHEET 13 OF 34
PAVEMENT REPLACEMENT
STAGE 4- SHEET 3 OF 5

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	59

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

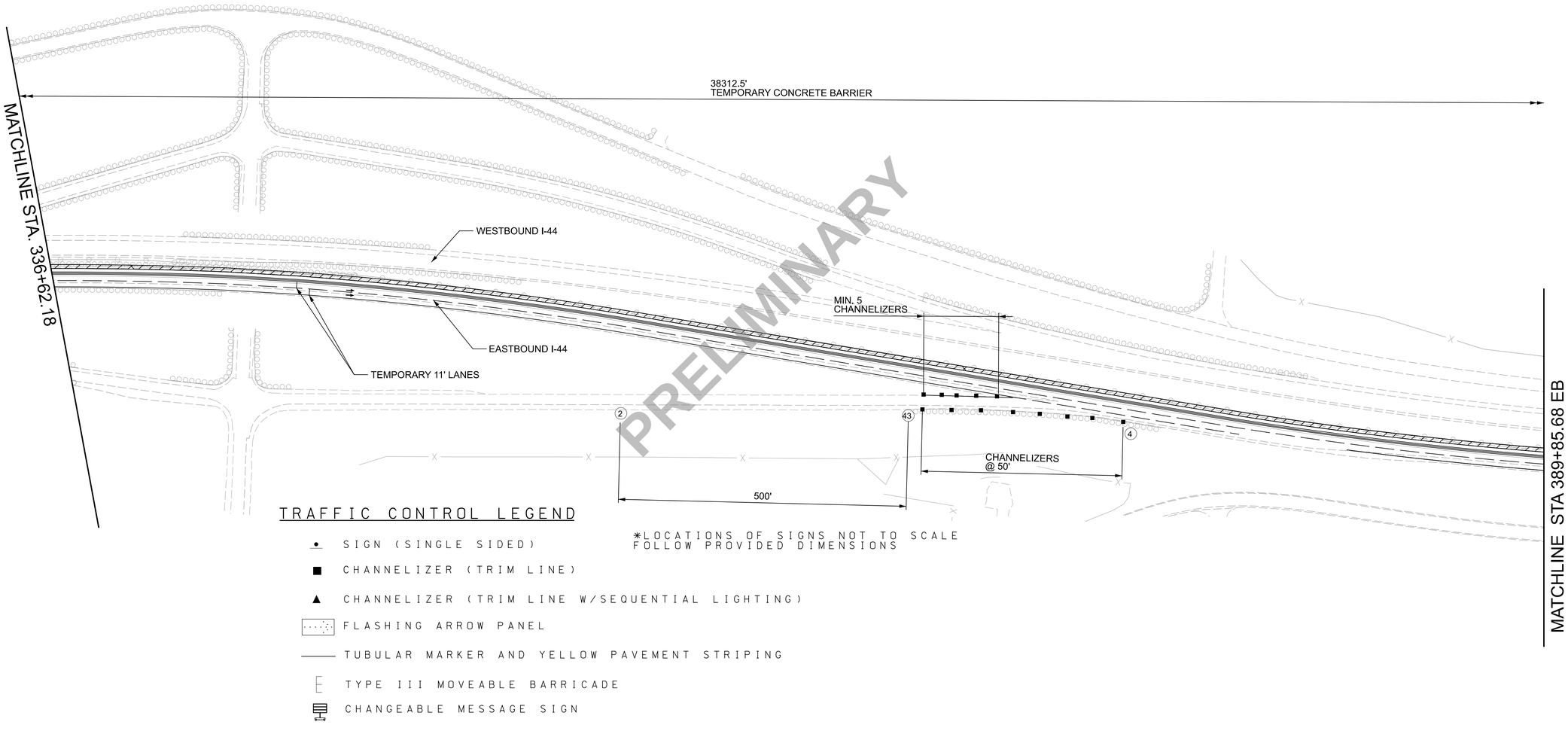
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER AND YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

THE TRAFFIC CONTROL PLAN SHOWN IS FOR EBL MEDIAN SHOULDER REPLACEMENT.

TRAFFIC CONTROL SHEET
SHEET 14 OF 34
PAVEMENT REPLACEMENT
STAGE 4- SHEET 4 OF 5

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	60

COUNTY
WEBSTER

JOB NO.
J7I3010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TRAFFIC CONTROL LEGEND

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER AND YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN


W1-4L



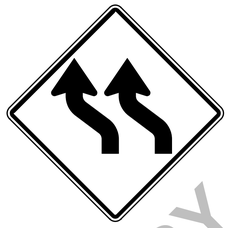
R2-1
(5)

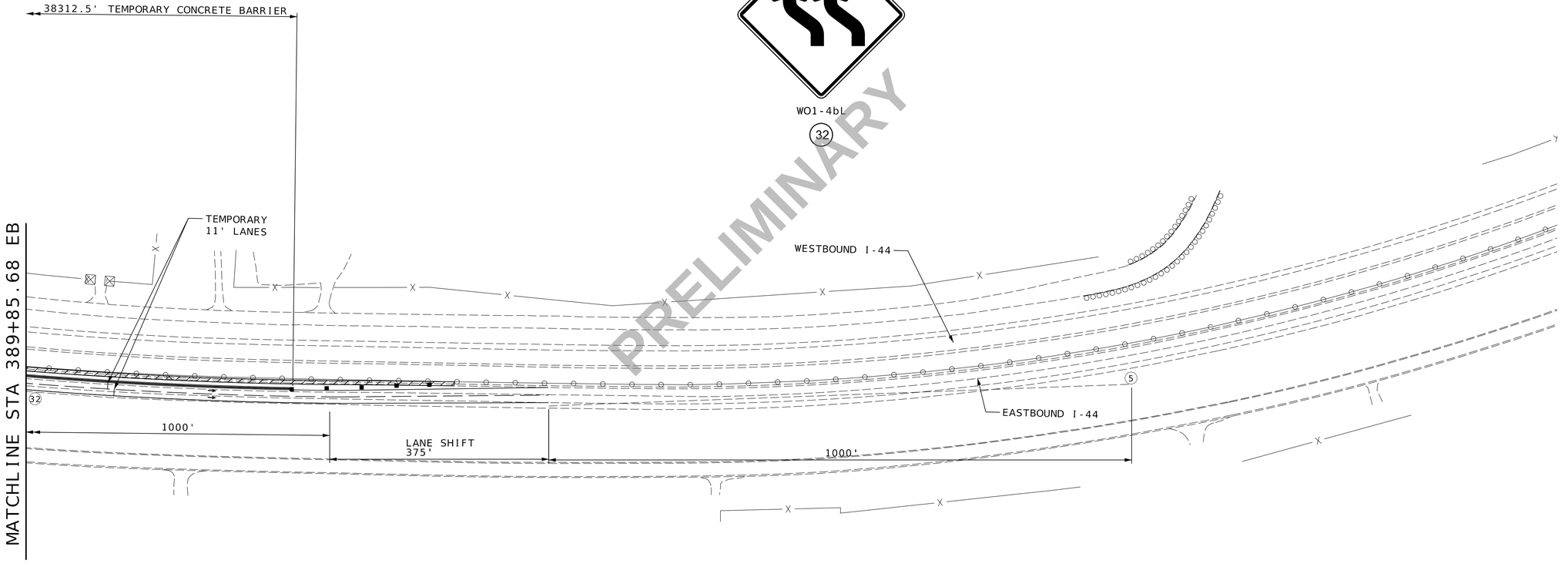


W03-5
(3)



WO20-1
(2)


WO1-4bL
(32)



PRELIMINARY

THE TRAFFIC CONTROL PLAN SHOWN IS FOR EBL MEDIAN SHOULDER REPLACEMENT.

TRAFFIC CONTROL SHEET
SHEET 15 OF 34
PAVEMENT REPLACEMENT
STAGE 4- SHEET 5 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 61
COUNTY WEBSTER
JOB NO. J713010
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)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



WO20-1

(2)



W03-5

(3)



R2-1

(4)



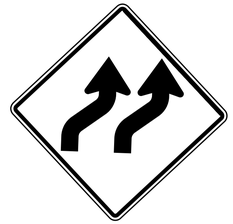
R4-2

(47)



R2-1

(5)



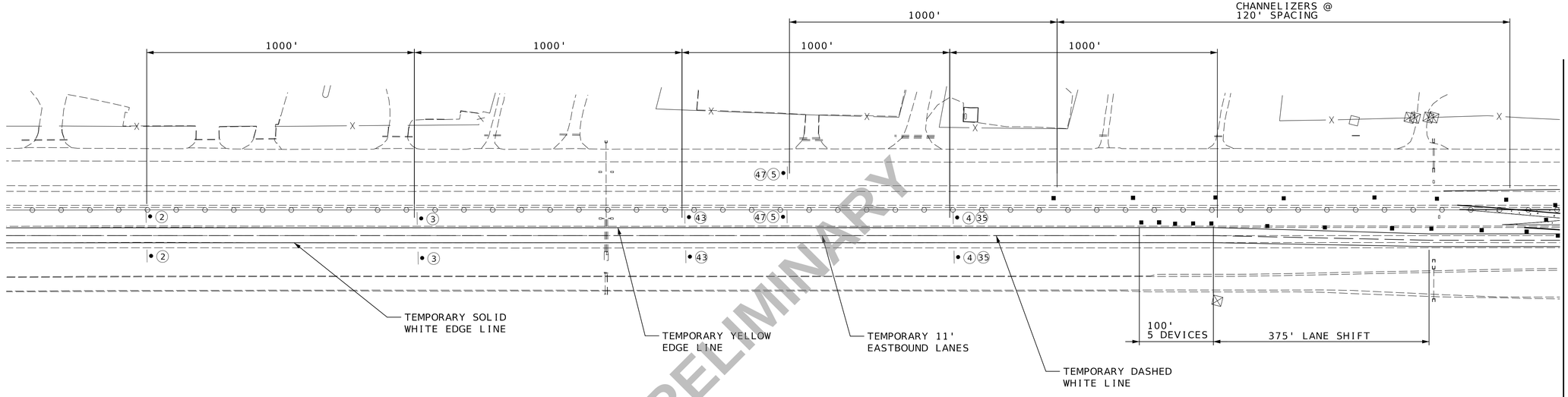
WO1-4bR

(35)



WO5-1

(43)



PRELIMINARY

TRAFFIC CONTROL LEGEND

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER AND YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN

NOTES:

NO DIRECT PAY WILL BE MADE FOR RELOCATING,COVERING, UNCOVERING, OR REMOVING SIGNS.

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

LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE. ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS.

SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

LANE CLOSURES ARE ALLOWED DURING WORKING HOURS ONLY. SEE SPECIAL PROVISIONS FOR ALL CLOSURE RESTRICTIONS.

ANY PAVEMENT MARKING SHOWN ON THE TRAFFIC CONTROL SHEETS IS CONSIDERED TEMPORARY.

TRAFFIC CONTROL - WBL PAVEMENT REPLACEMENT MEDIAN SIDE (EAST SECTION)

TRAFFIC CONTROL SHEET
SHEET 16 OF 34
PAVEMENT REPLACEMENT
STAGE 5- SHEET 1 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	62

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID. .

PROJECT NO. .

BRIDGE NO. .

DESCRIPTION	DATE

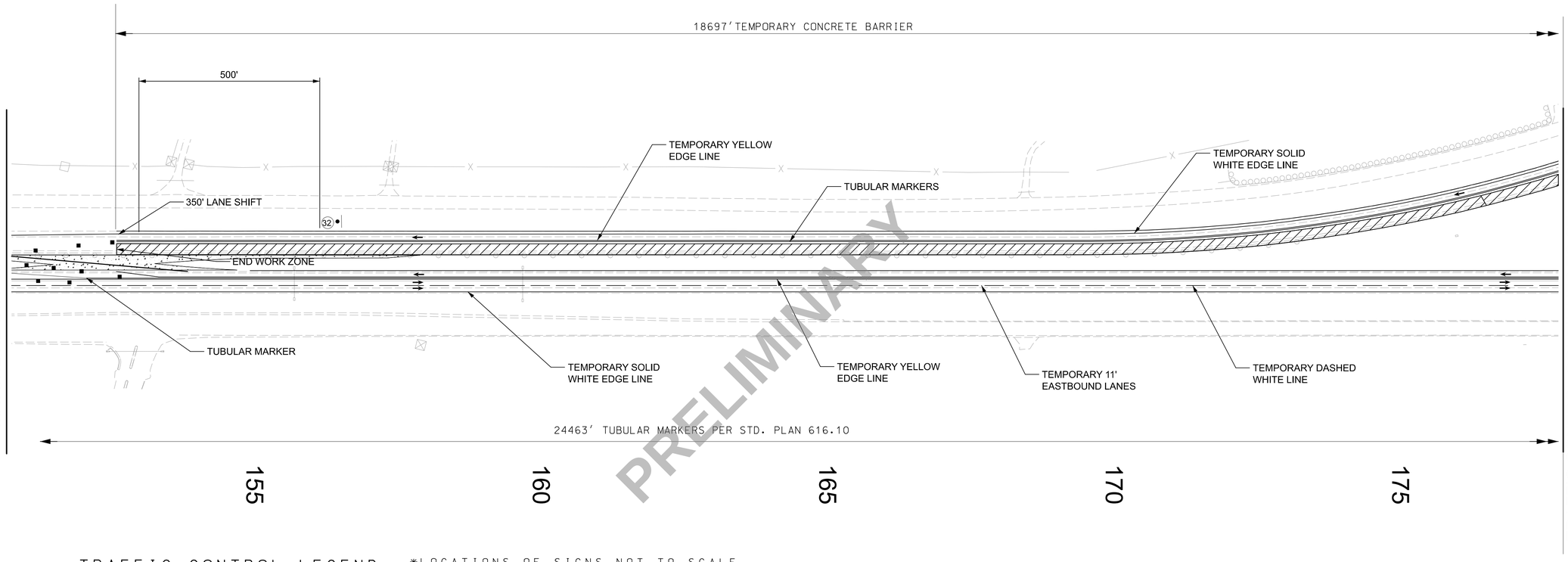
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



W1-4L
(32)



PRELIMINARY

TRAFFIC CONTROL LEGEND

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER AND YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN

TRAFFIC CONTROL - WBL PAVEMENT REPLACEMENT MEDIAN SIDE (EAST SECTION)

TRAFFIC CONTROL SHEET
SHEET 17 OF 34
PAVEMENT REPLACEMENT
STAGE 5- SHEET 2 OF 5

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	63

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

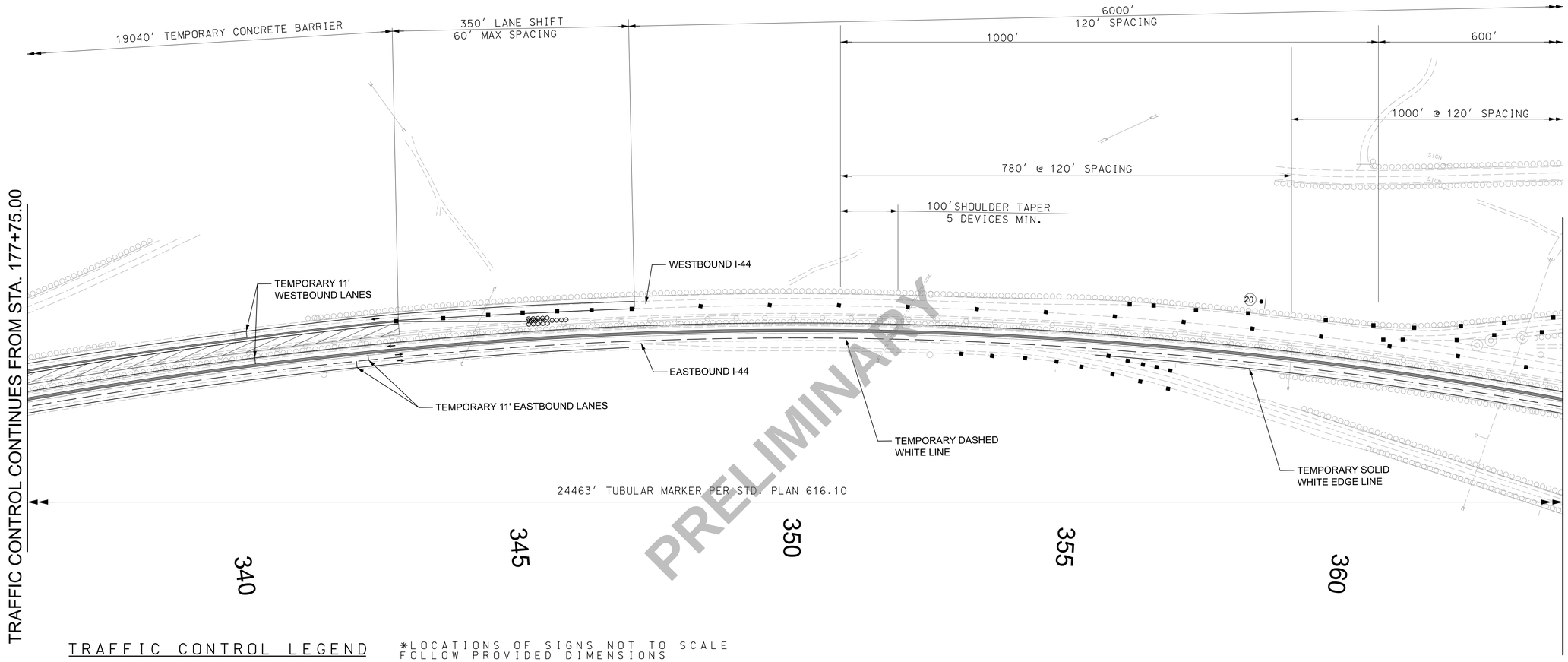
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

TRAFFIC CONTROL LEGEND

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN



W20-5
20

TRAFFIC CONTROL - WBL PAVEMENT REPLACEMENT MEDIAN SIDE (EAST SECTION)

TRAFFIC CONTROL SHEET
SHEET 18 OF 34
PAVEMENT REPLACEMENT
STAGE 5- SHEET 3 OF 5

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	64

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

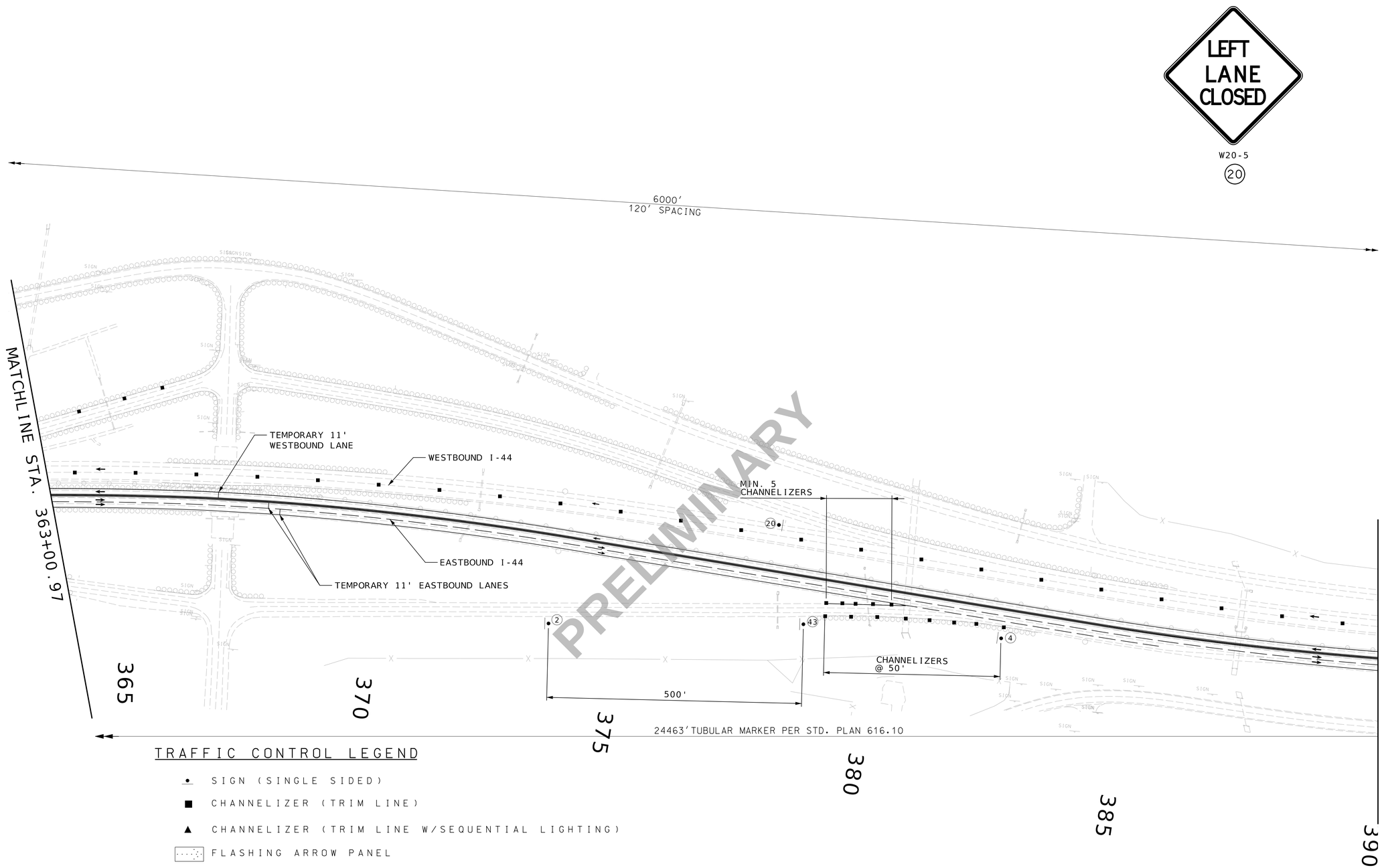
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

TRAFFIC CONTROL - WBL PAVEMENT REPLACEMENT MEDIAN SIDE (EAST SECTION)

TRAFFIC CONTROL SHEET
SHEET 19 OF 34
PAVEMENT REPLACEMENT
STAGE 5- SHEET 4 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	65

COUNTY: WEBSTER
JOB NO.: J713010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TRAFFIC CONTROL LEGEND

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

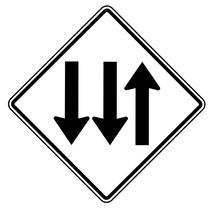
- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN



R4-9
(73)



R2-1
(5)

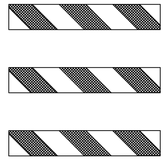

W06-6A
(5-1)


W01-4L
(32)



R4-2
(47)

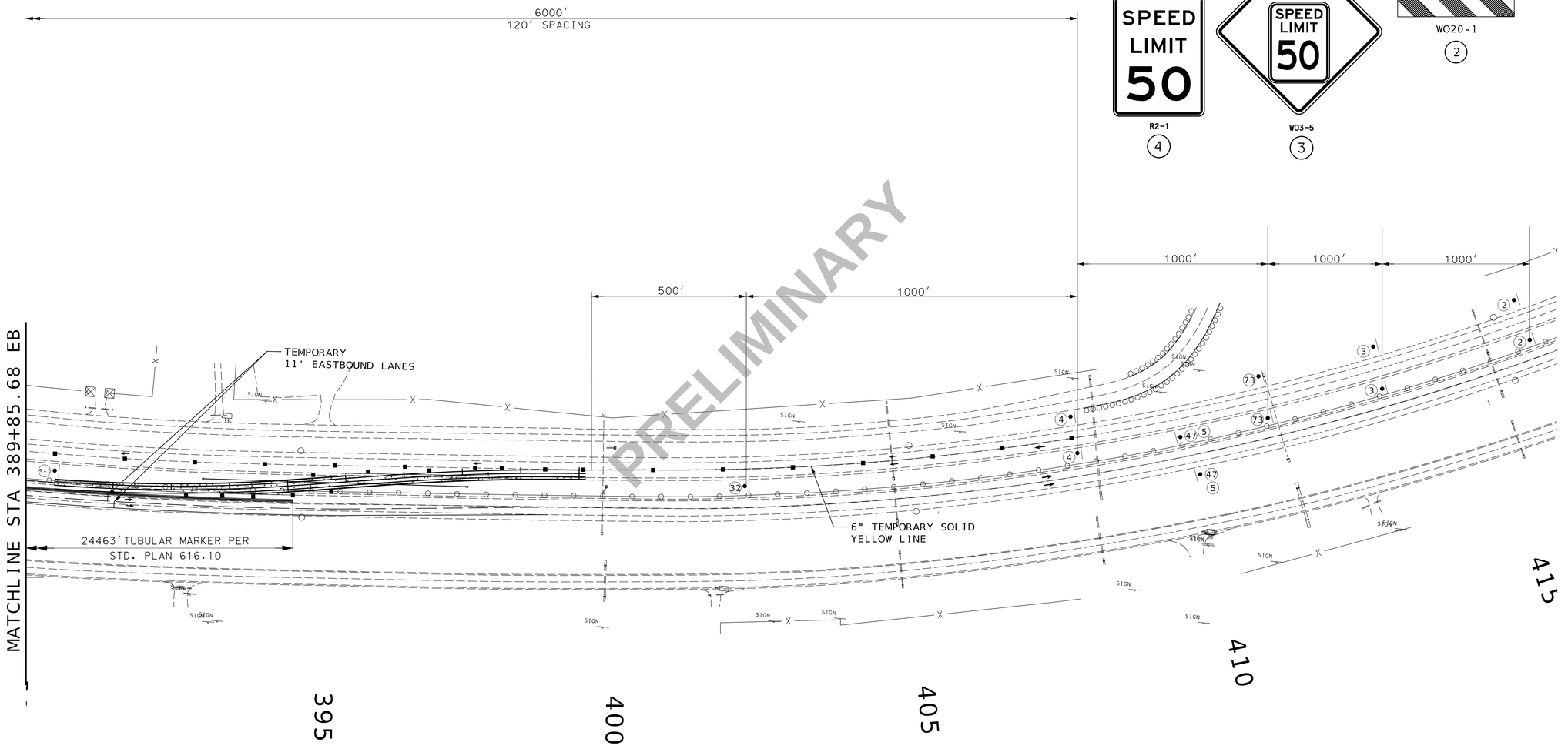



WO20-1
(2)

R2-1
(4)



WO3-5
(3)



TRAFFIC CONTROL - WBL PAVEMENT REPLACEMENT MEDIAN SIDE (EAST SECTION)

TRAFFIC CONTROL SHEET
SHEET 20 OF 34
PAVEMENT REPLACEMENT
STAGE 5- SHEET 5 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 66
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID. .
PROJECT NO. .
BRIDGE NO. .

DATE	DESCRIPTION
.	.

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

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



R4-2

(47)



WO20-1

(2)



WO3-5

(3)



R2-1

(4)



R2-1

(5)



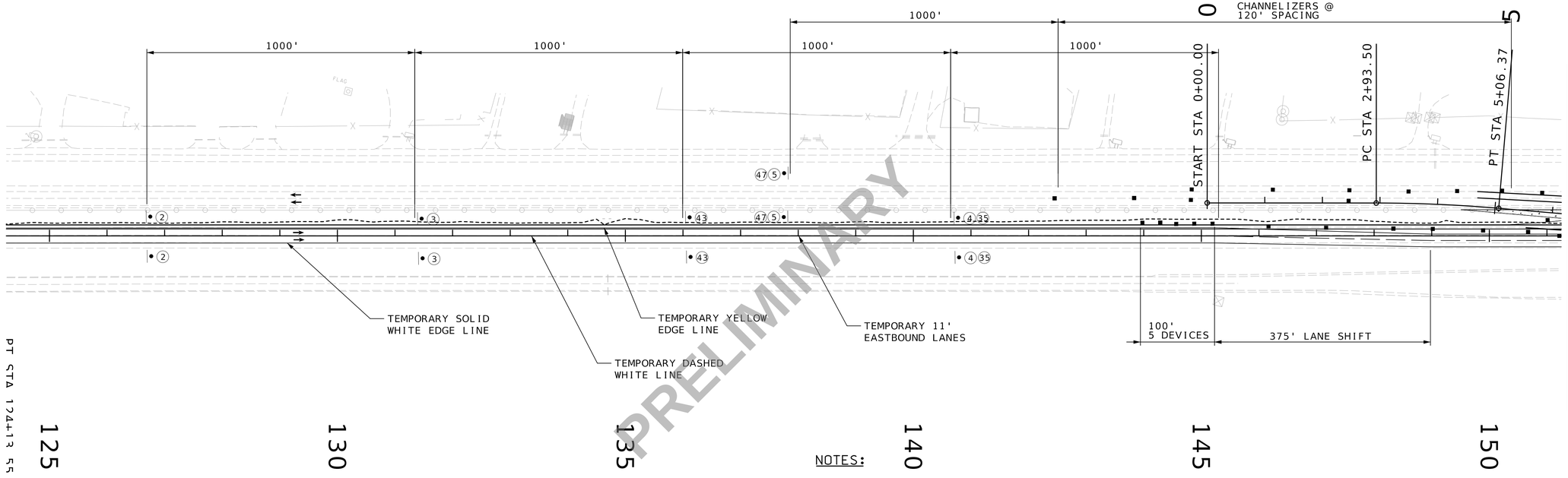
WO1-4bR

(35)



WO5-1

(43)



PRELIMINARY

TRAFFIC CONTROL LEGEND

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN

NOTES:

NO DIRECT PAY WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.

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

LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE. ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS.

SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

LANE CLOSURES ARE ALLOWED DURING WORKING HOURS ONLY. SEE SPECIAL PROVISIONS FOR ALL CLOSURE RESTRICTIONS.

ANY PAVEMENT MARKING SHOWN ON THE TRAFFIC CONTROL SHEETS IS CONSIDERED TEMPORARY.

ALL TRAFFIC CONTROL DEVICES ON EB I-44 TO REMAIN IN PLACE FOR CURRENT STAGE. SEE PREVIOUS STAGE FOR DIMENSIONS OR LOCATION OF ITEMS.

TRAFFIC CONTROL SHEET
SHEET 21 OF 34
PAVEMENT REPLACEMENT
STAGE 6- SHEET 1 OF 5

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENT OUTSIDE (EAST SECTION)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	67

COUNTY: WEBSTER

JOB NO.: J7I3010

CONTRACT ID.:

PROJECT NO.:

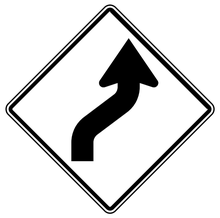
BRIDGE NO.:

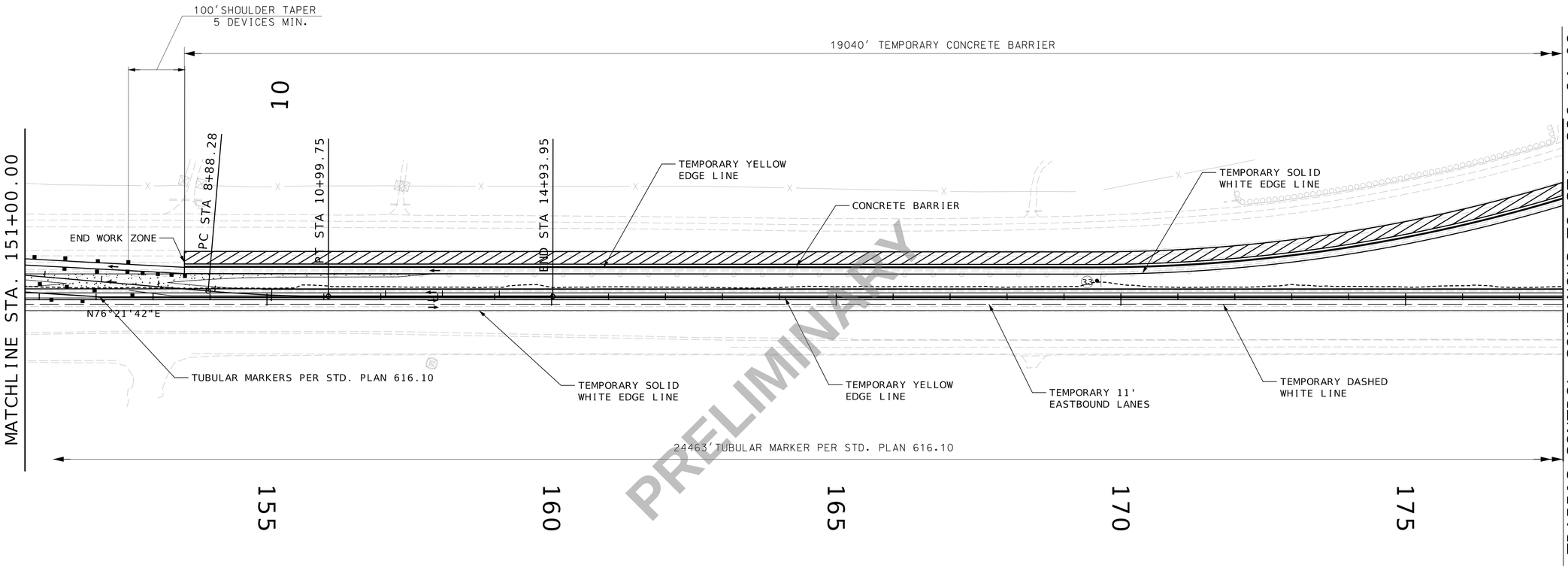
DESCRIPTION	DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





PRELIMINARY

TRAFFIC CONTROL LEGEND

*LOCATIONS OF SIGNS NOT TO SCALE FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENT OUTSIDE (EAST SECTION)

TRAFFIC CONTROL SHEET
SHEET 22 OF 34
PAVEMENT REPLACEMENT
STAGE 6- SHEET 2 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED	3/18/2024
ROUTE	I-44
STATE	MO
DISTRICT	SW
SHEET NO.	68
COUNTY	WEBSTER
JOB NO.	J7I3010
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)

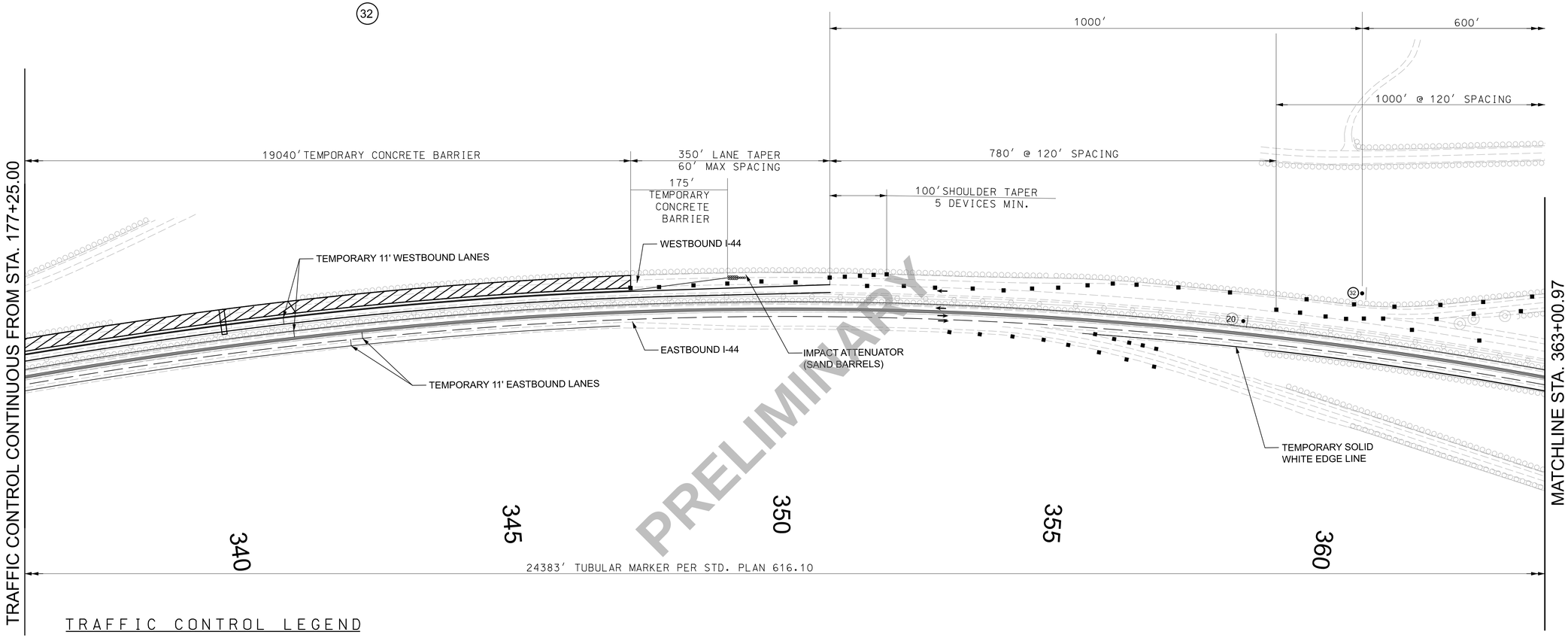
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



WO1-4L

32



PRELIMINARY

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN



W20-5

20

TRAFFIC CONTROL SHEET
SHEET 23 OF 34
PAVEMENT REPLACEMENT
STAGE 6- SHEET 3 OF 5

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENT OUTSIDE (EAST SECTION)

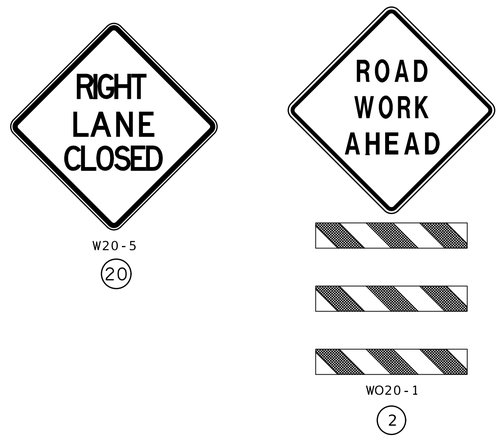
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 69
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

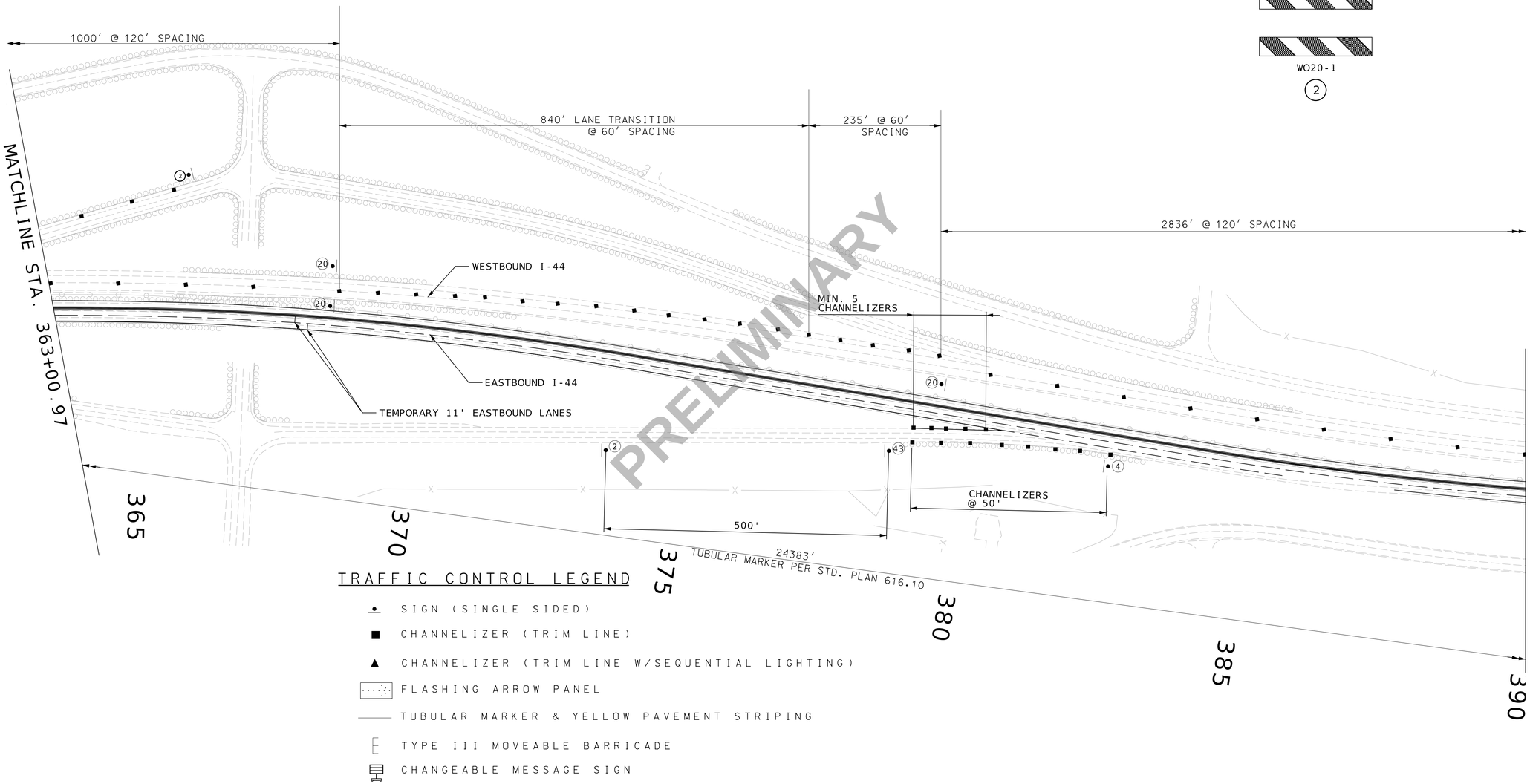
DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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





TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN

TRAFFIC CONTROL SHEET
SHEET 24 OF 34
PAVEMENT REPLACEMENT
STAGE 6- SHEET 4 OF 5

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENTOUTSIDE (EAST SECTION)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	70

COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

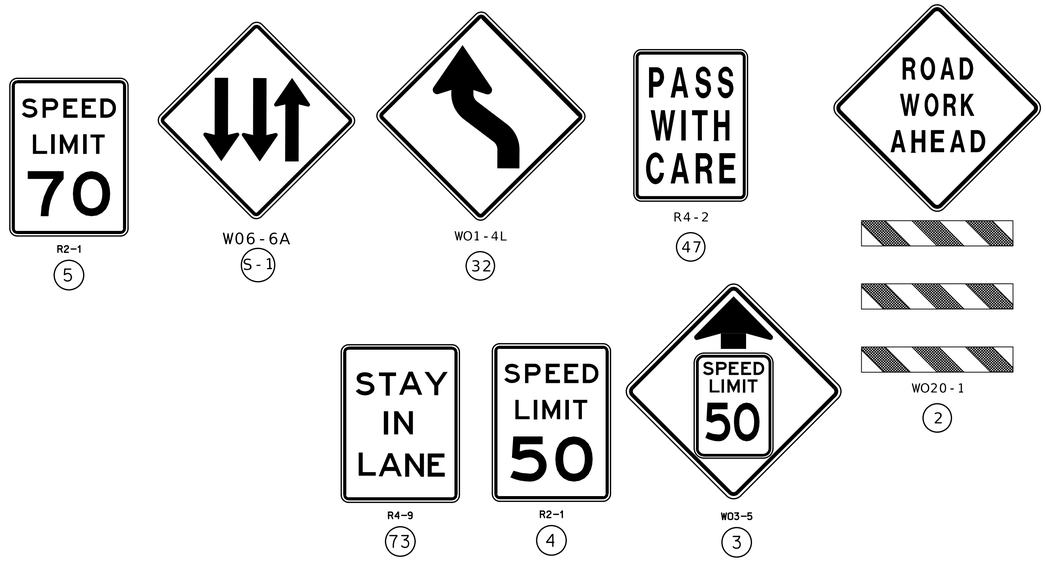
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

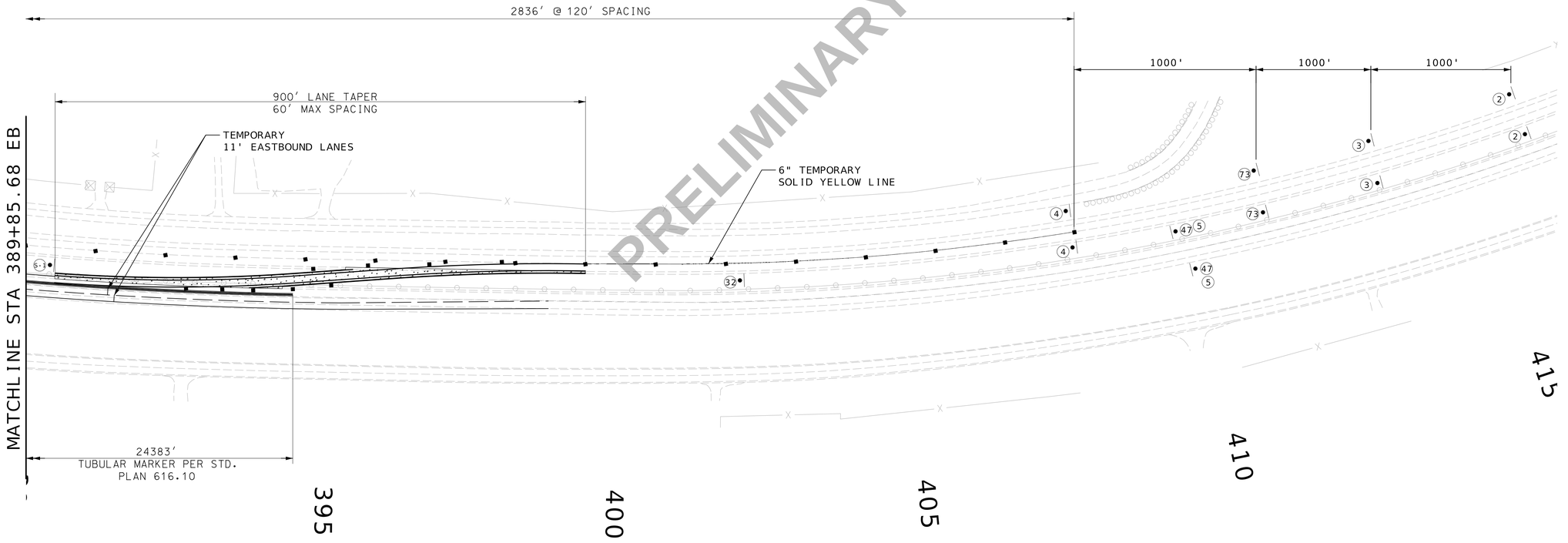
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN





PRELIMINARY

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENT OUTSIDE (EAST SECTION)

TRAFFIC CONTROL SHEET
SHEET 25 OF 34
PAVEMENT REPLACEMENT
STAGE 6- SHEET 5 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	71

COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

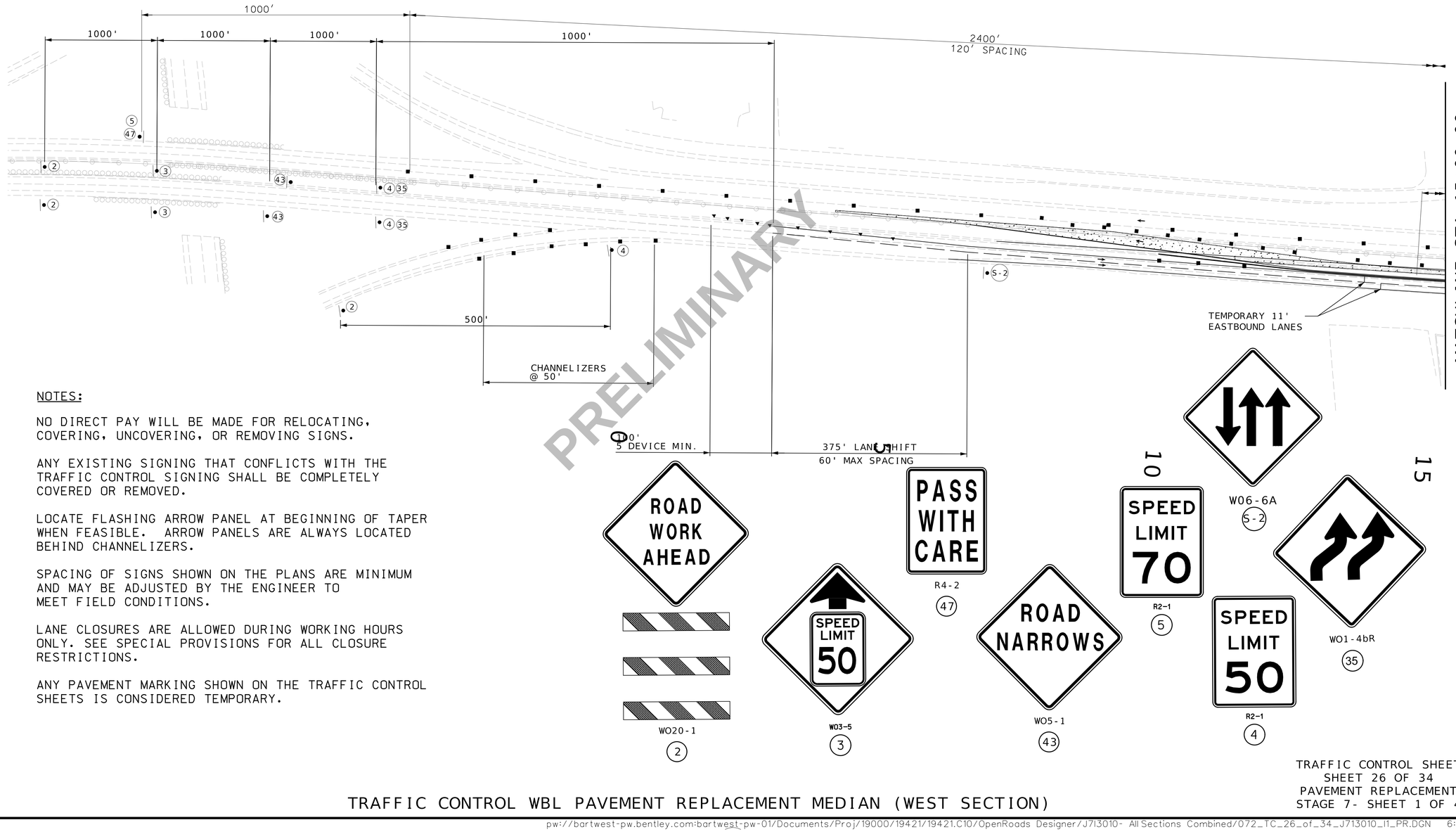
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE



NOTES:

NO DIRECT PAY WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.

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

LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE. ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS.

SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

LANE CLOSURES ARE ALLOWED DURING WORKING HOURS ONLY. SEE SPECIAL PROVISIONS FOR ALL CLOSURE RESTRICTIONS.

ANY PAVEMENT MARKING SHOWN ON THE TRAFFIC CONTROL SHEETS IS CONSIDERED TEMPORARY.

PRELIMINARY

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENT MEDIAN (WEST SECTION)

TRAFFIC CONTROL SHEET
SHEET 26 OF 34
PAVEMENT REPLACEMENT
STAGE 7- SHEET 1 OF 4

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 72
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE | DESCRIPTION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



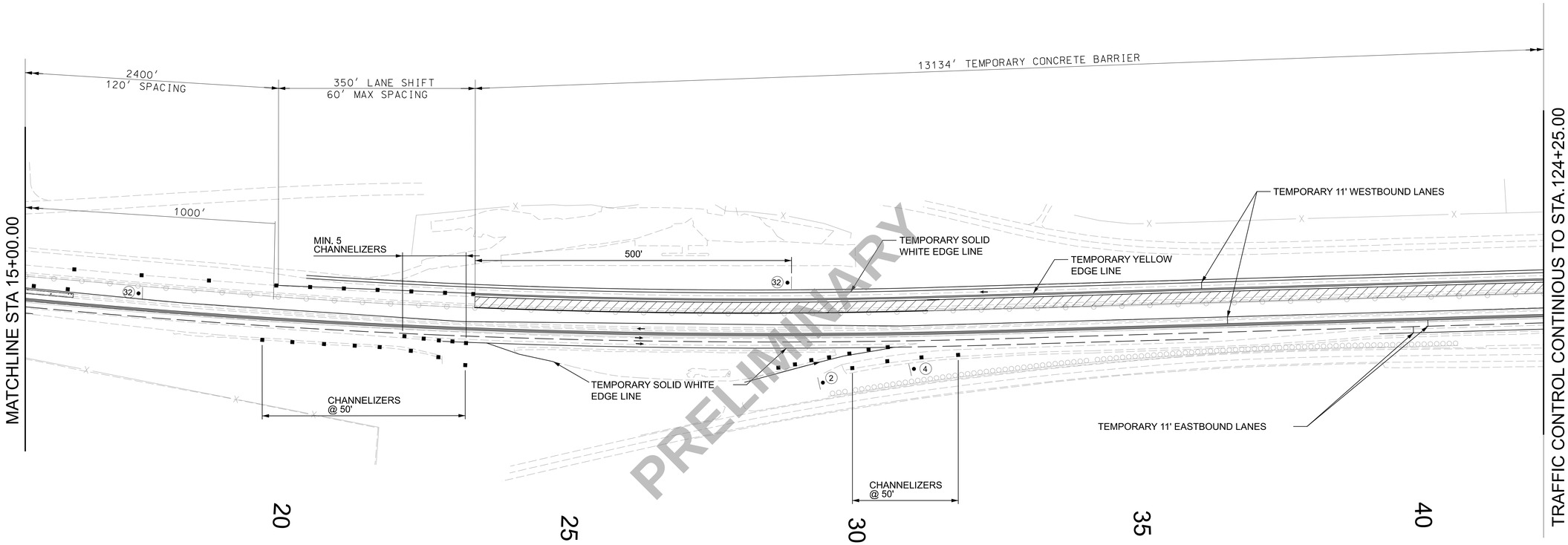
WO1-4L

32



R11-2

20



PRELIMINARY

TRAFFIC CONTROL LEGEND

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- IMPACT ATTENUATOR ARRAY - SAND BARRELS
- CONCRETE BARRIER
- TYPE III MOVEABLE BARRICADE

TRAFFIC CONTROL SHEET
SHEET 27 OF 34
PAVEMENT REPLACEMENT
STAGE 7- SHEET 2 OF 4

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENT MEDIAN SIDE (WEST SECTION)

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	73

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

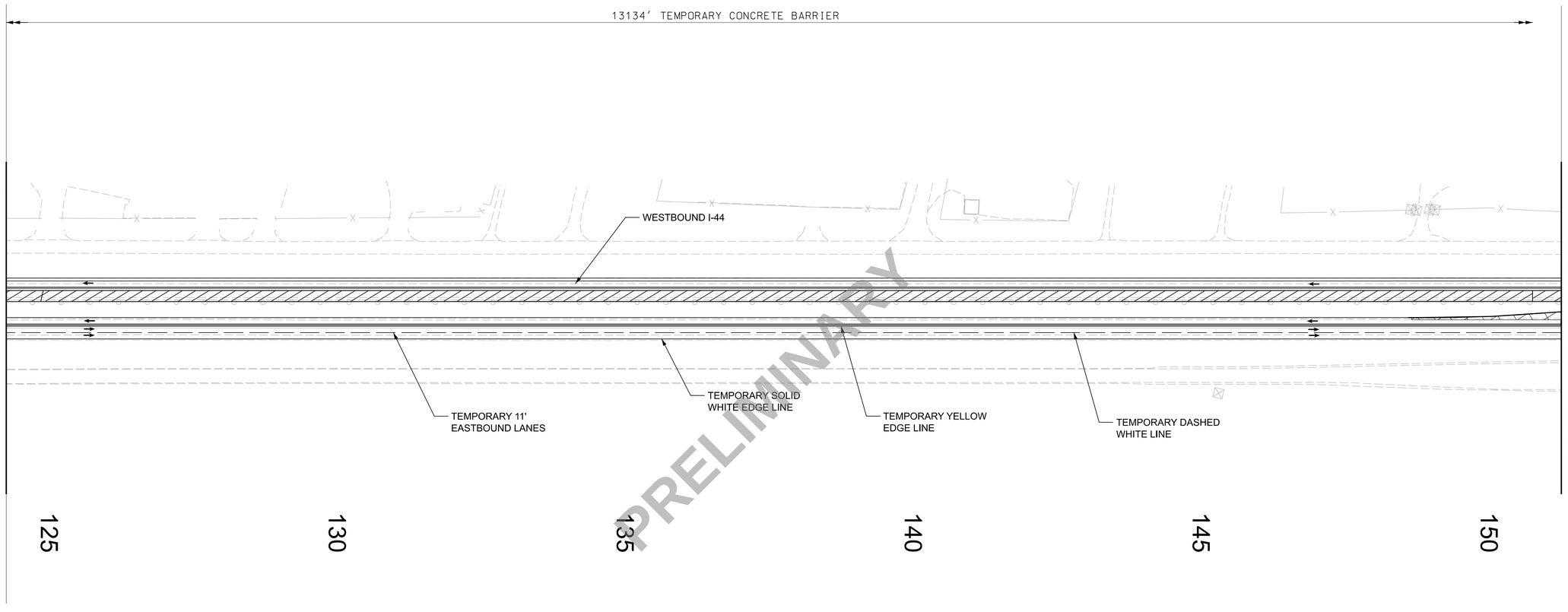
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

13134' TEMPORARY CONCRETE BARRIER

TRAFFIC CONTROL CONTINIOUS FROM STA.42+23.00

MATCHLINE STA 151+25.00



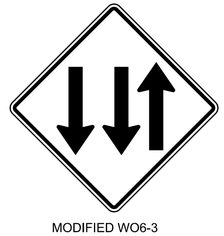
PRELIMINARY

TRAFFIC CONTROL LEGEND

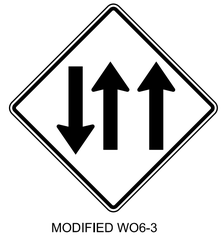
*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE

NOTE: PLACE MODIFIED WO6-3 EVERY MILE IN WORK ZONE



MODIFIED WO6-3
(S1)



MODIFIED WO6-3
(S2)

TRAFFIC CONTROL SHEET
SHEET 28 OF 34
PAVEMENT REPLACEMENT
STAGE 7- SHEET 3 OF 4

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENT MEDIAN SIDE (WEST SECTION)

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 74
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

NO.	DESCRIPTION	DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

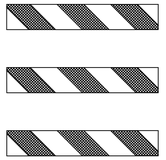
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



W20-5

(20)





WO20-1

(2)



R2-1

(4)



W03-5

(3)



R4-9

(73)



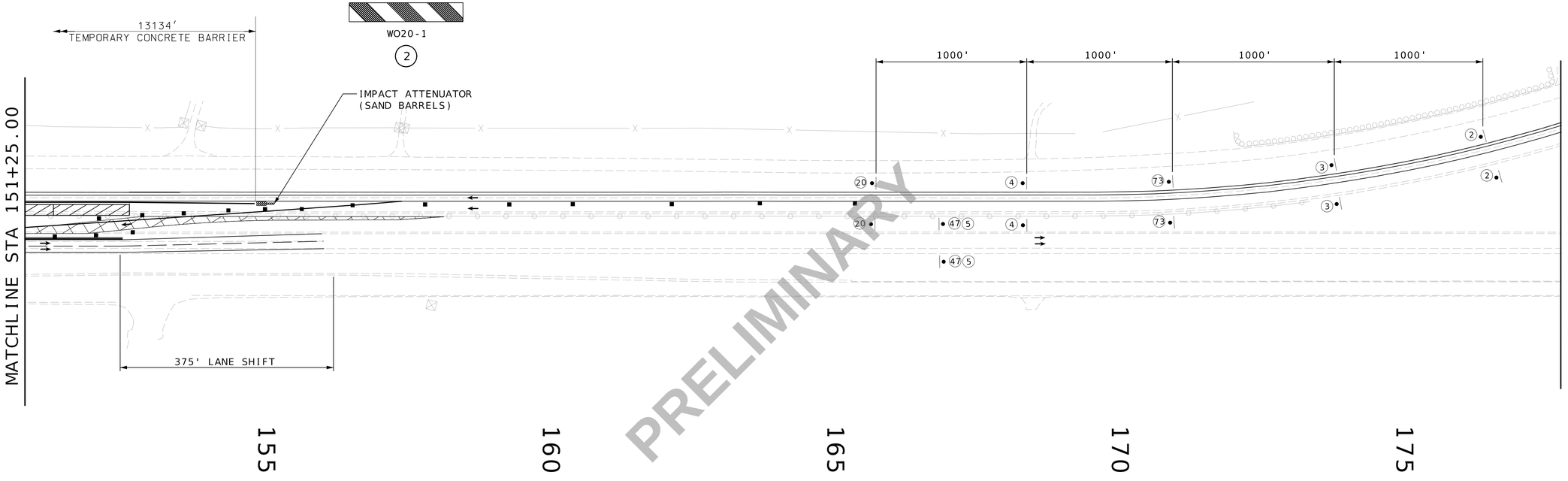
R2-1

(5)



R4-2

(47)



PRELIMINARY

TRAFFIC CONTROL LEGEND

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKERS & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE

TRAFFIC CONTROL SHEET
SHEET 29 OF 34
PAVEMENT REPLACEMENT
STAGE 7- SHEET 4 OF 4

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENT MEDIAN SIDE (WEST SECTION)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	75

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

NO.	DESCRIPTION	DATE

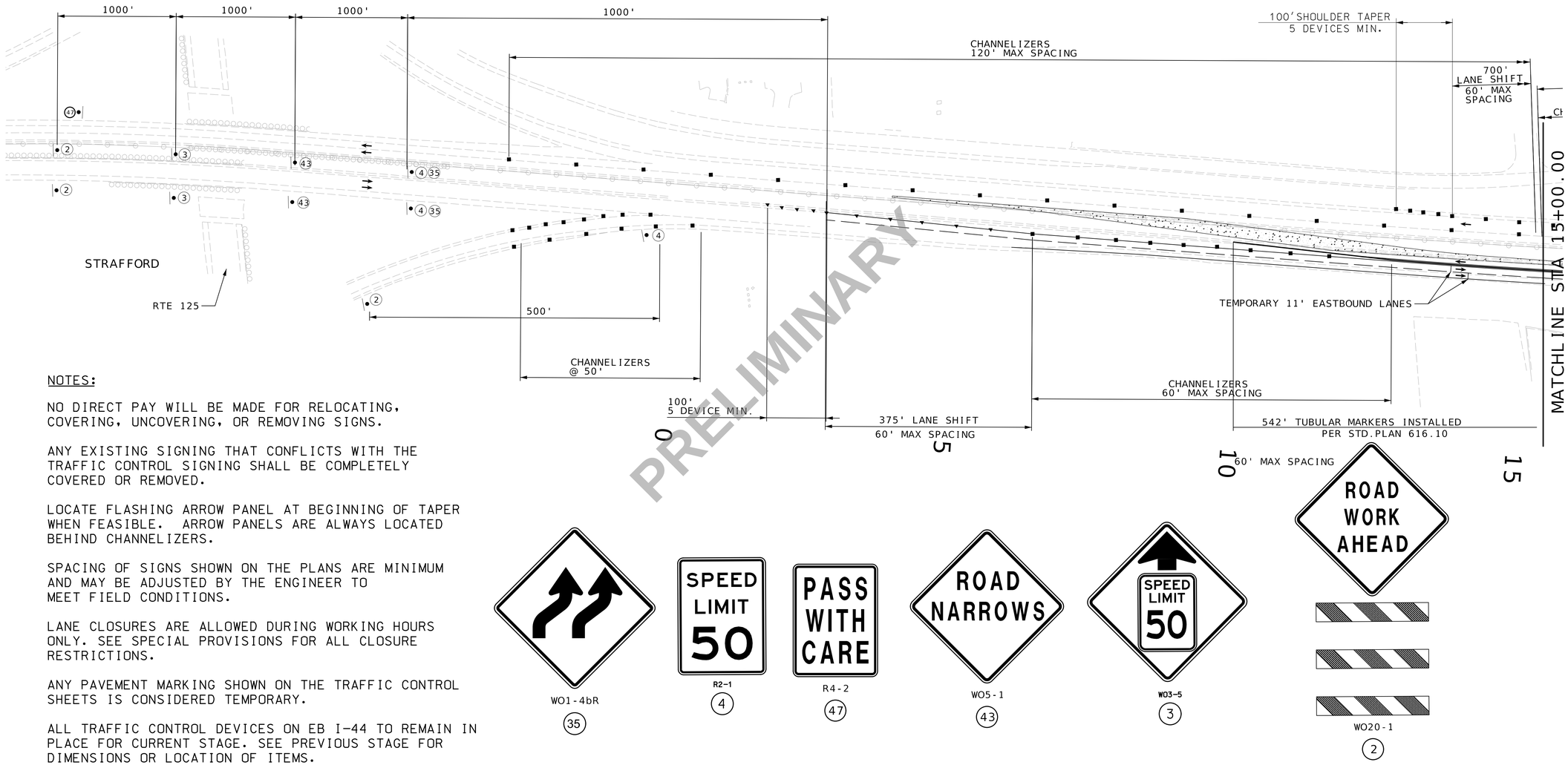
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE



PRELIMINARY

R2-1
4

R4-2
47

WO5-1
43

WO3-5
3

WO20-1
2

NOTES:

NO DIRECT PAY WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING, OR REMOVING SIGNS.

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

LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE. ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS.

SPACING OF SIGNS SHOWN ON THE PLANS ARE MINIMUM AND MAY BE ADJUSTED BY THE ENGINEER TO MEET FIELD CONDITIONS.

LANE CLOSURES ARE ALLOWED DURING WORKING HOURS ONLY. SEE SPECIAL PROVISIONS FOR ALL CLOSURE RESTRICTIONS.

ANY PAVEMENT MARKING SHOWN ON THE TRAFFIC CONTROL SHEETS IS CONSIDERED TEMPORARY.

ALL TRAFFIC CONTROL DEVICES ON EB I-44 TO REMAIN IN PLACE FOR CURRENT STAGE. SEE PREVIOUS STAGE FOR DIMENSIONS OR LOCATION OF ITEMS.

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENT OUTSIDE (WEST SECTION)

TRAFFIC CONTROL SHEET
SHEET 30 OF 34
PAVEMENT REPLACEMENT
STAGE 8- SHEET 1 OF 4

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	76

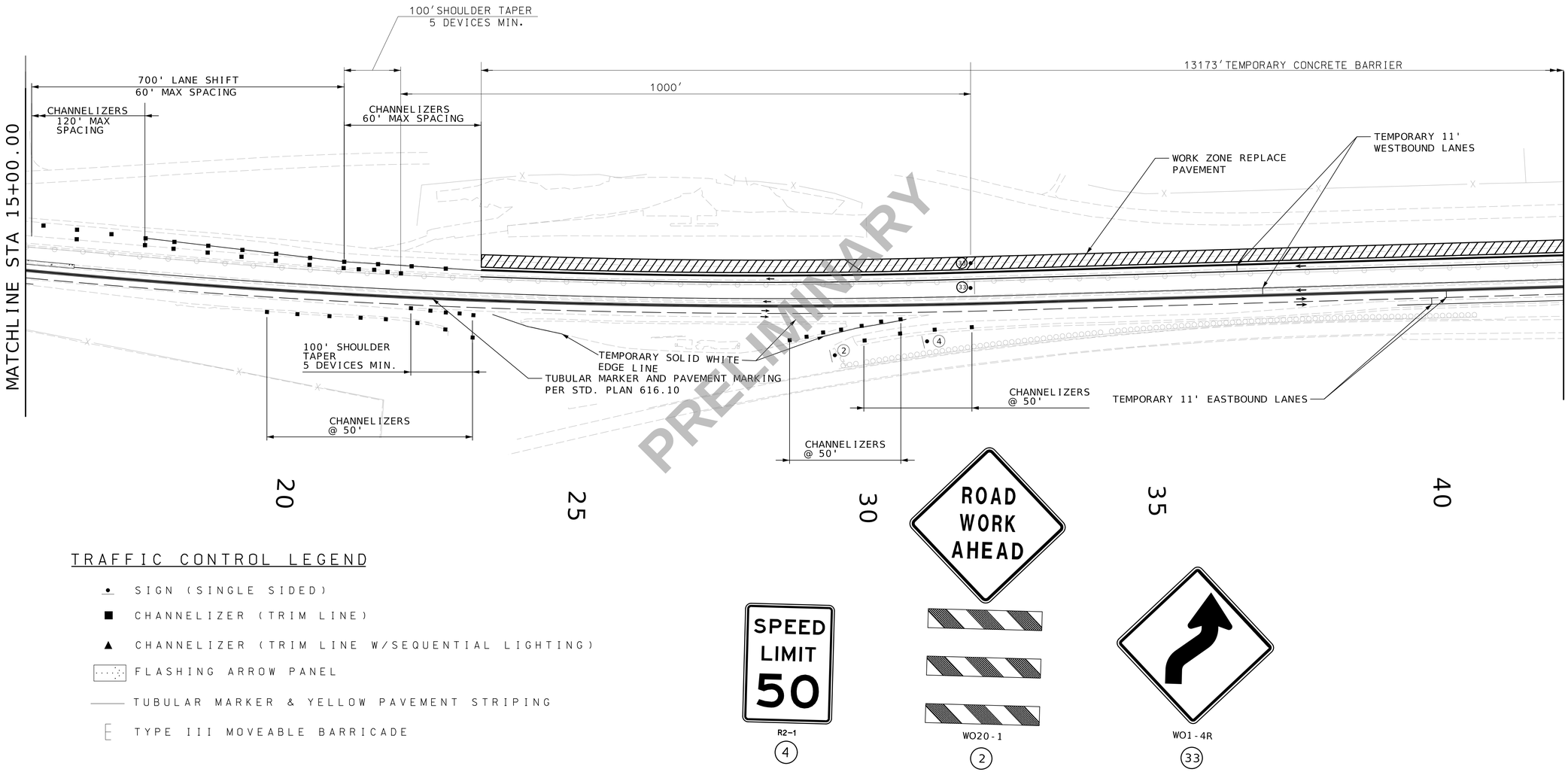
COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PRELIMINARY

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE

R2-1
(4)

WO20-1
(2)

WO1-4R
(33)

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENT OUTSIDE (WEST SECTION)

TRAFFIC CONTROL SHEET
SHEET 31 OF 34
PAVEMENT REPLACEMENT
STAGE 8- SHEET 2 OF 4

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	77

COUNTY: WEBSTER
JOB NO.: J7I3010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

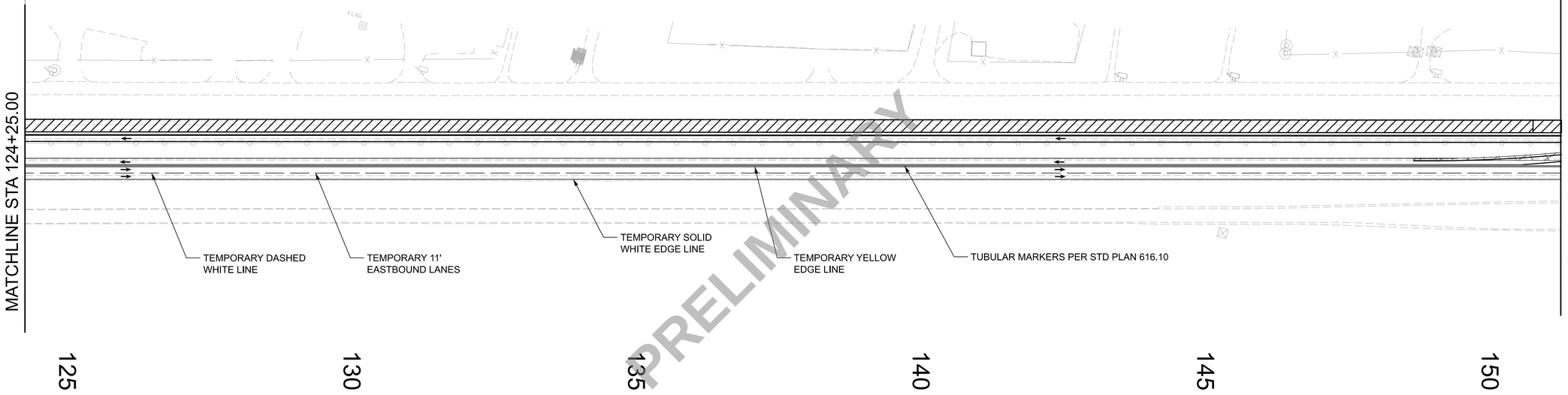
DESCRIPTION	DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

13173' TEMPORARY CONCRETE BARRIER



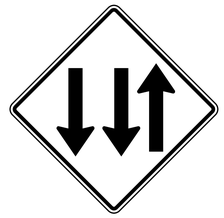
PRELIMINARY

TRAFFIC CONTROL LEGEND

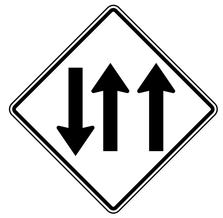
*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN

NOTE: PLACE MODIFIED W06-3 EVERY MILE IN WORK ZONE



MODIFIED W06-3
(S1)



MODIFIED W06-3
(S2)

TRAFFIC CONTROL SHEET
SHEET 32 OF 34
PAVEMENT REPLACEMENT
STAGE 8- SHEET 3 OF 4

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENT OUTSIDE (WEST SECTION)

DATE PREPARED: 3/18/2024
ROUTE: I-44 | STATE: MO
DISTRICT: SW | SHEET NO.: 78
COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

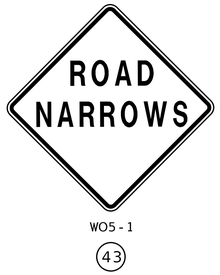
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





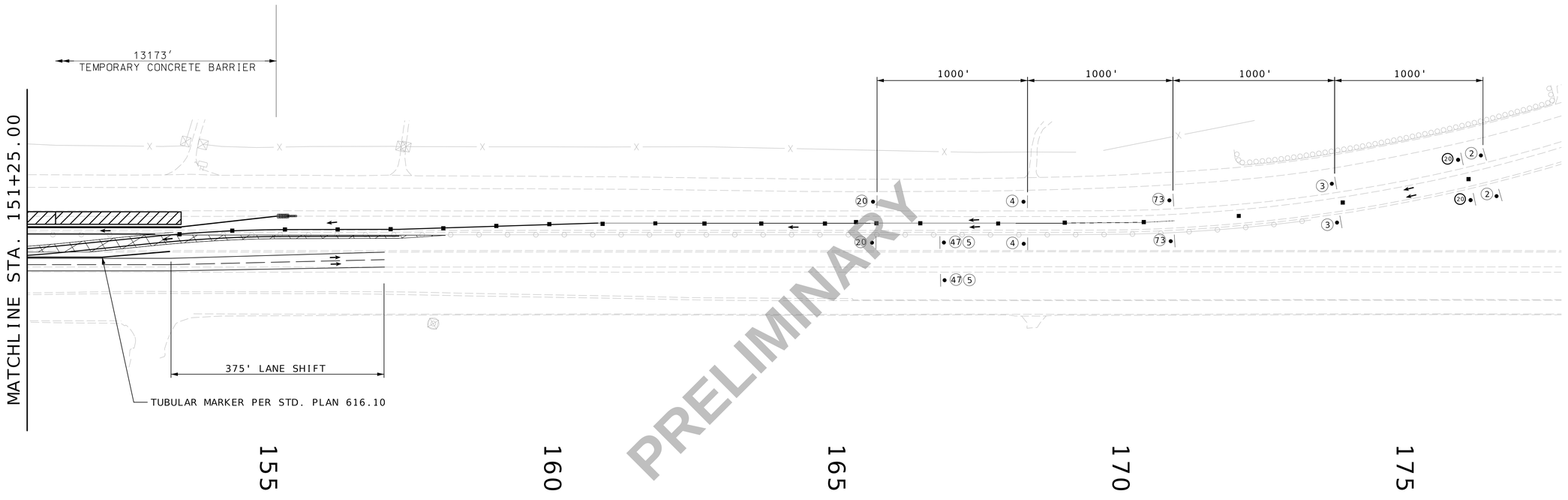












PRELIMINARY

TRAFFIC CONTROL LEGEND

*LOCATIONS OF SIGNS NOT TO SCALE
FOLLOW PROVIDED DIMENSIONS

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM LINE)
- CHANNELIZER (TRIM LINE W/SEQUENTIAL LIGHTING)
- FLASHING ARROW PANEL
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- CHANGEABLE MESSAGE SIGN

TRAFFIC CONTROL SHEET
SHEET 33 OF 34
PAVEMENT REPLACEMENT
STAGE 8- SHEET 4 OF 4

TRAFFIC CONTROL WBL PAVEMENT REPLACEMENT OUTSIDE (WEST SECTION)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	79

COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

NO.	DESCRIPTION	DATE

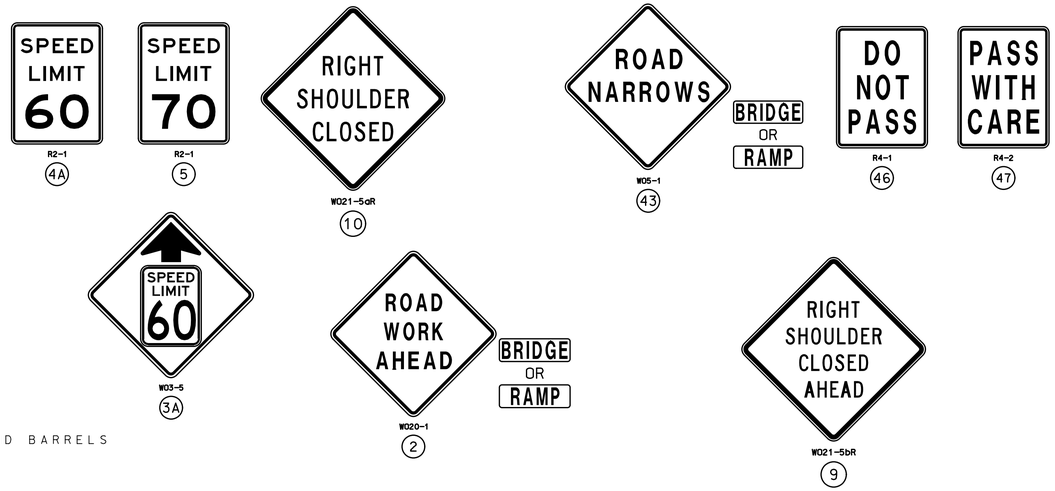
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- CONE
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- FLASHING ARROW BOARD
- TUBULAR MARKER & YELLOW PAVEMENT STRIPING
- TYPE III MOVEABLE BARRICADE
- IMPACT ATTENUATOR ARRAY – SAND BARRELS



NOTES:

A PROTECTIVE VEHICLE IS OPTIONAL WHILE WORK IS IN PROGRESS. THE PROTECTIVE VEHICLE SHALL BE EQUIPPED WITH A TMA AND FLASHING ARROW PANEL AND POSITIONED AT LEAST 150 FT. IN ADVANCE OF THE WORK SPACE. THE PROTECTIVE VEHICLE MAY BE ELIMINATED IF THE ROADWAY IS POSTED AT 45 MPH OR BELOW, THE WORK VEHICLE IS POSITIONED IN ADVANCE OF THE WORK SPACE, AND THE WORK VEHICLE IS EQUIPPED WITH A FLASHING ARROW PANEL AND USES ACTIVATED ROTATING LIGHTS OR STROBE LIGHTS.

ALL VEHICLES, EQUIPMENT, WORKERS AND THEIR ACTIVITIES SHOULD BE RESTRICTED TO ONE SIDE OF THE PAVEMENT.

THE OPEN LANE SHALL BE PROVIDED WITH A 12 FT. MINIMUM DRIVING SURFACE AT ALL TIMES. THIS MAY INCLUDE A PORTION OF THE SHOULDER, PROVIDED THE SHOULDER IS OF ADEQUATE STRENGTH TO HANDLE TRAFFIC.

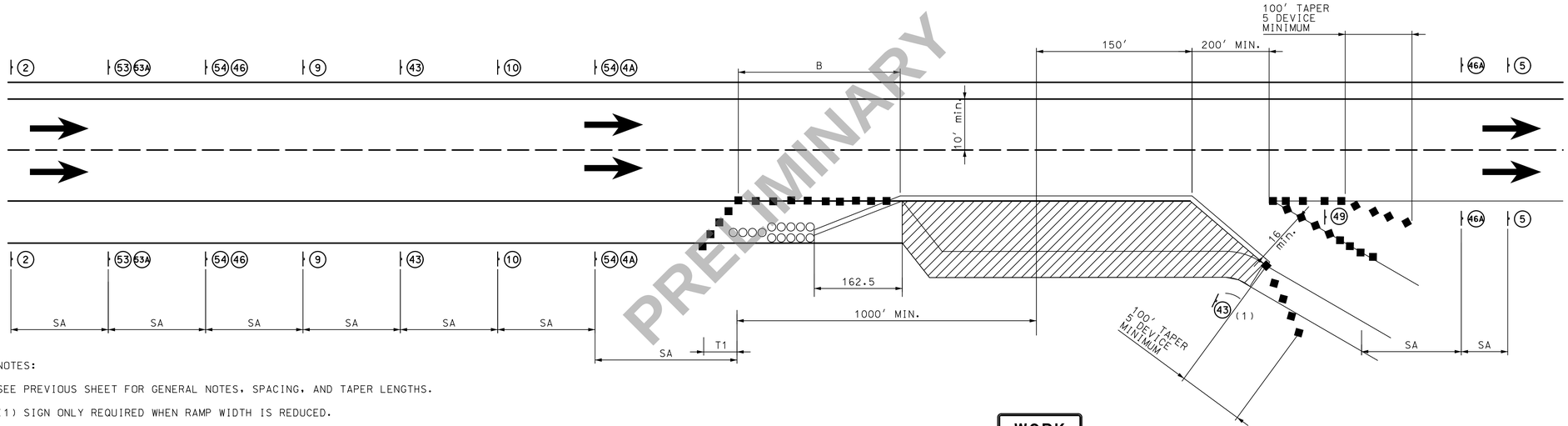
SEQUENTIAL FLASHING WARNING LIGHTS SHALL BE USED ON CHANNELIZERS IN THE MERGING TAPER. SEE STANDARD 616.6.83 FOR DETAILS.

FOR OPERATIONS IN WHICH CHANNELIZERS ARE NOT USED, THE ARROW MODE SHALL BE DISPLAYED ON ANY FLASHING ARROW PANEL LOCATED DOWNSTREAM OF THE TAPER.

SUPPLEMENTAL WARNING METHODS MAY BE USED TO CALL ATTENTION TO THE WORK ZONE.

PROVIDE SIGNS ON LEFT AND RIGHT SIDES OF DIVIDED HIGHWAYS.

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



PRELIMINARY

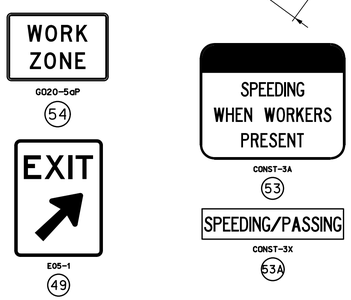
NOTES:

SEE PREVIOUS SHEET FOR GENERAL NOTES, SPACING, AND TAPER LENGTHS.

(1) SIGN ONLY REQUIRED WHEN RAMP WIDTH IS REDUCED.

(2) CHANNELIZER SPACING AT 50'.

SPEED	SIGN SPACING (FT)		TAPER LENGTH (FT)		OPT. BUFFER LENGTH (FT) (B)	CHANNELIZER SPACING (FT)	
	UNDIVIDED (S)	DIVIDED (S)	SHLDR (T1)	LANE (T2)		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, AND SC-2640		235	840	840	60	120



TRAFFIC CONTROL SHEET
SHEET 34 OF 34
DECEL LANE
SHEET 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	80

COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.: .
PROJECT NO.: .
BRIDGE NO.: .

DESCRIPTION	DATE
.	.

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

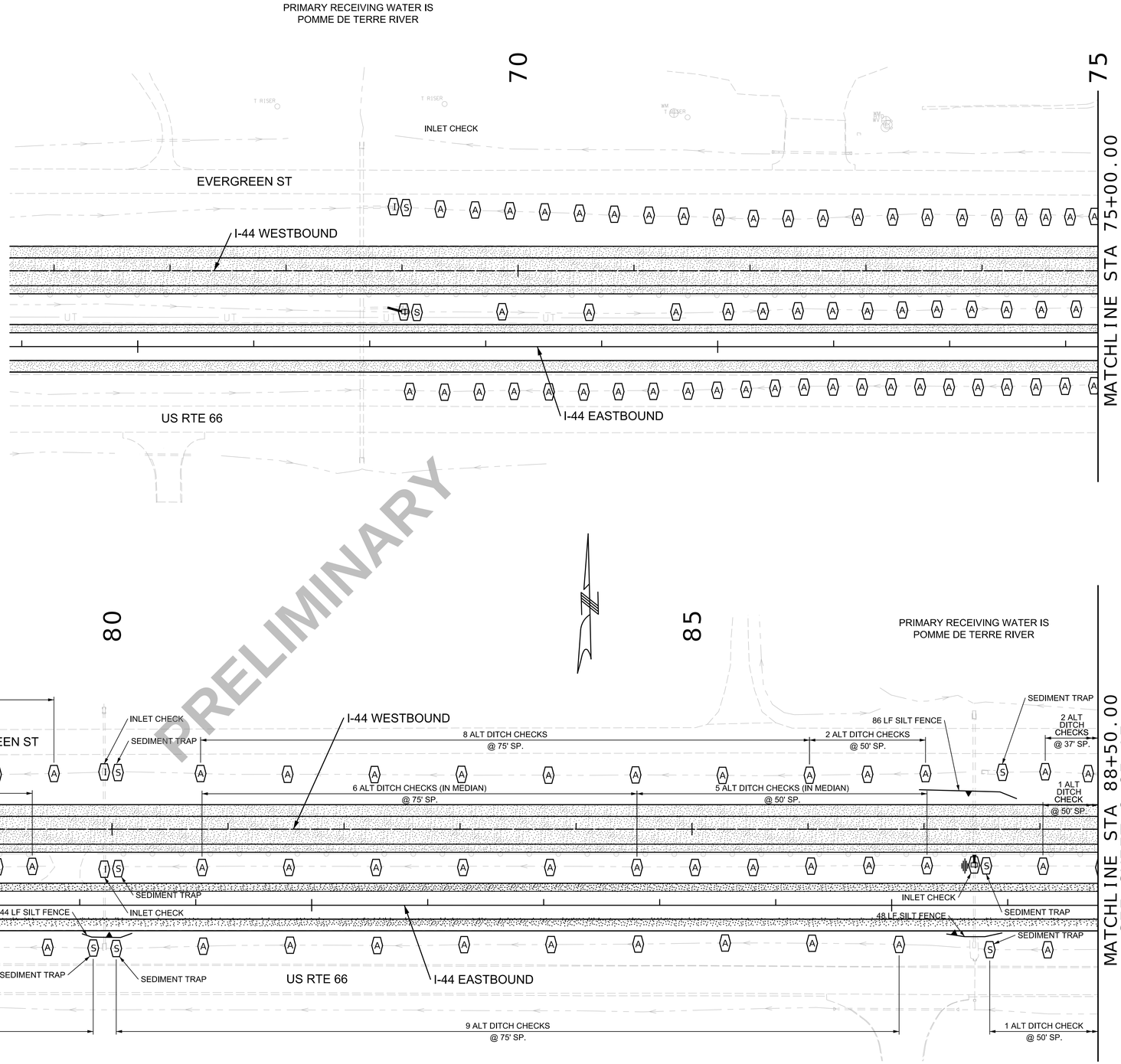
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett&West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 1122 LF
ROCK DITCH CHECK - 0 LF
INLET CHECK - 3 EA
SEDIMENT TRAP ROCK - 51.8 CY
SEDIMENT TRAP EXCAVATION - 51.8 CY
SILT FENCE - 178 LF
SEDIMENT REMOVAL - 77.8 CY



PRELIMINARY

SCALE
0 50 100 150

EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 1 OF 17

Preliminary Plans – NOT FOR CONSTRUCTION

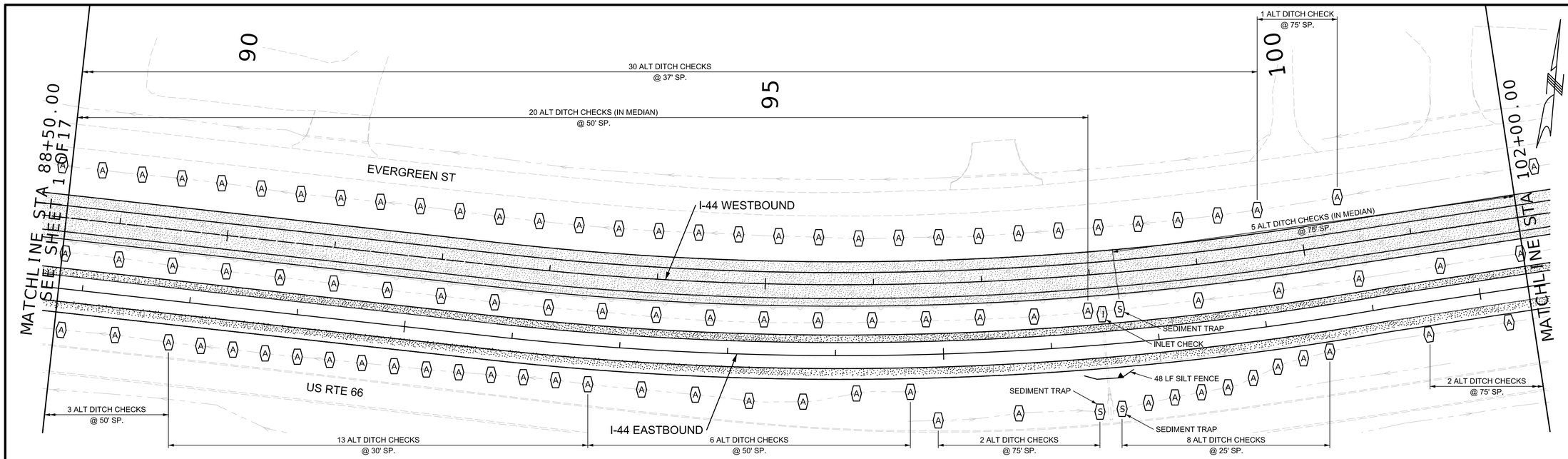
DATE PREPARED	3/18/2024
ROUTE	I-44
STATE	MO
DISTRICT	SW
SHEET NO.	81
COUNTY	WEBSTER
JOB NO.	J713010
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



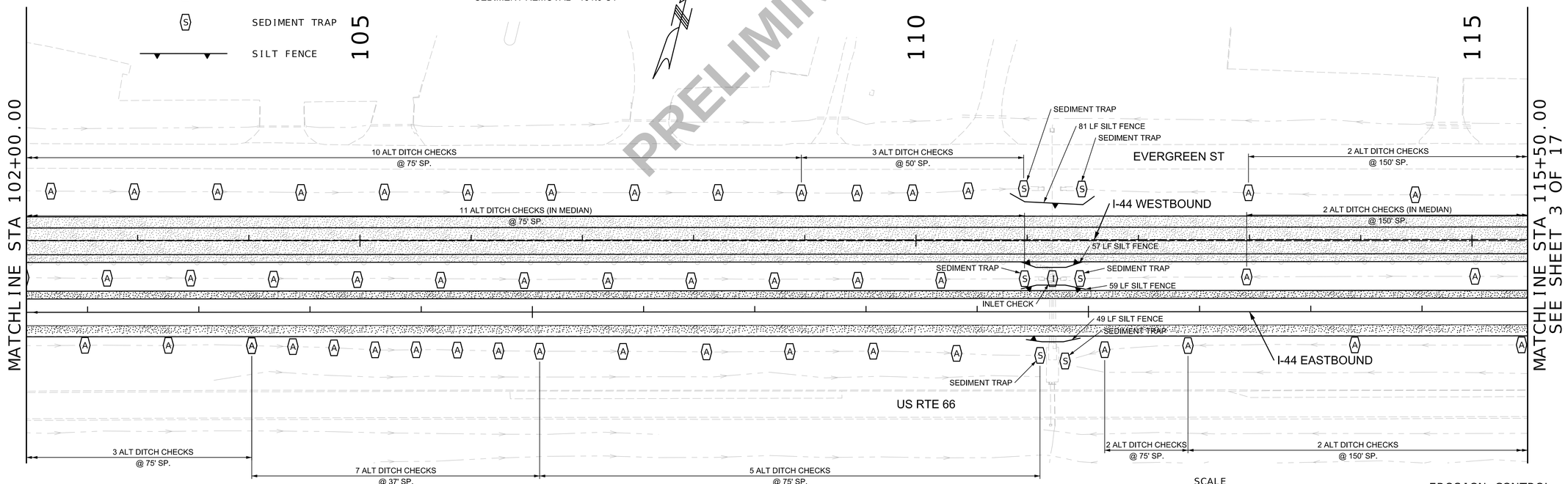
PRIMARY RECEIVING WATER IS
JAMES RIVER

TEMPORARY EROSION CONTROL LEGEND

A	ALTERNATE DITCH CHECK
I	INLET CHECK
R	ROCK DITCH CHECK
S	SEDIMENT TRAP
	SILT FENCE

ALTERNATE DITCH CHECK - 2346 LF
ROCK DITCH CHECK - 0 LF
INLET CHECK - 2 EA
SEDIMENT TRAP ROCK - 66.6 CY
SEDIMENT TRAP EXCAVATION - 66.6 CY
SILT FENCE - 294 LF
SEDIMENT REMOVAL - 151.9 CY

PRELIMINARY



PRIMARY RECEIVING WATER IS
JAMES RIVER

SCALE
0 50 100 150

EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 2 OF 17

Preliminary
Plans –
NOT FOR
CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	82

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

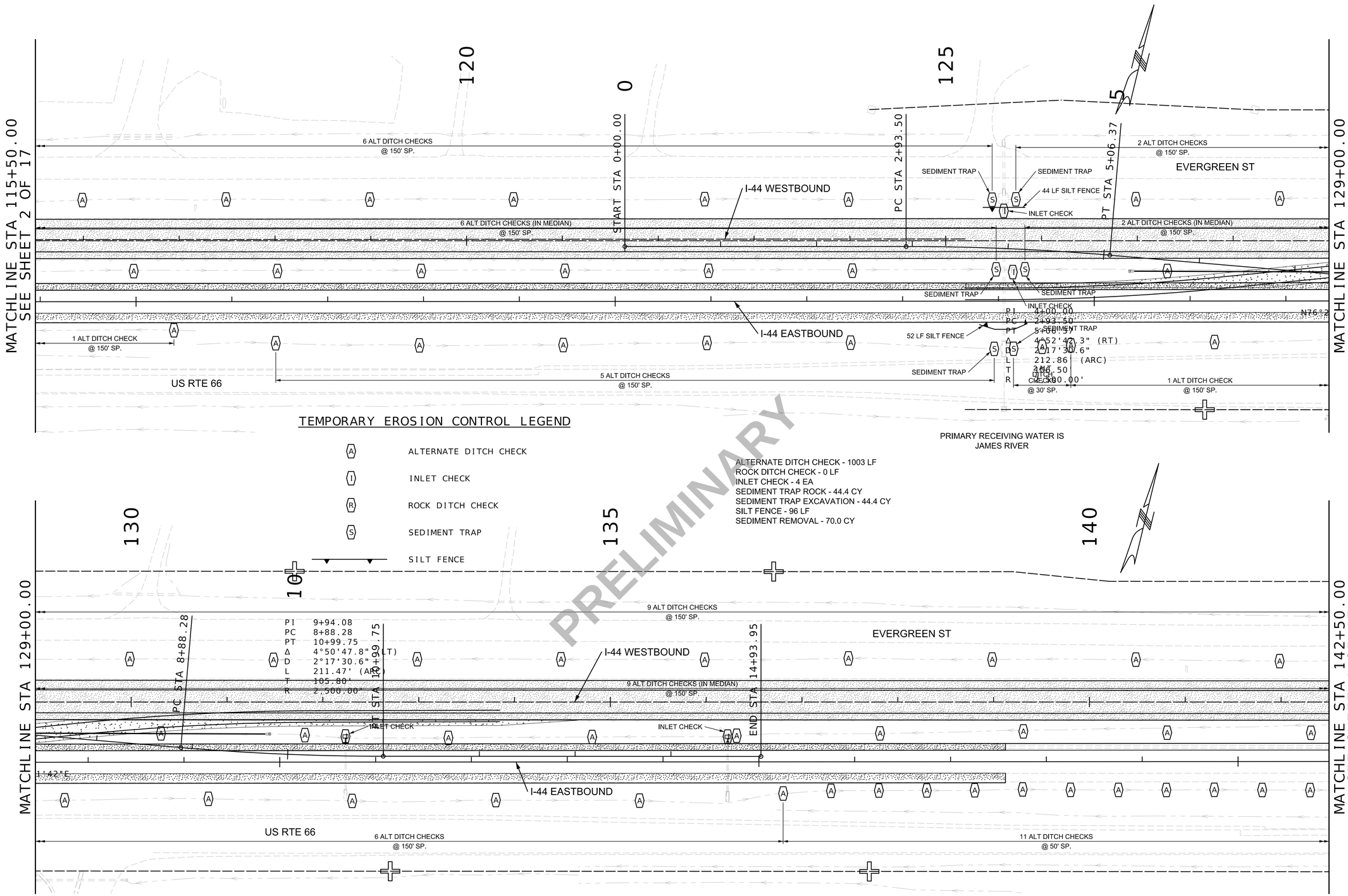
BRIDGE NO.

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 1003 LF
ROCK DITCH CHECK - 0 LF
INLET CHECK - 4 EA
SEDIMENT TRAP ROCK - 44.4 CY
SEDIMENT TRAP EXCAVATION - 44.4 CY
SILT FENCE - 96 LF
SEDIMENT REMOVAL - 70.0 CY

PRELIMINARY

SCALE
0 50 100 150

EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 3 OF 17

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 83
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

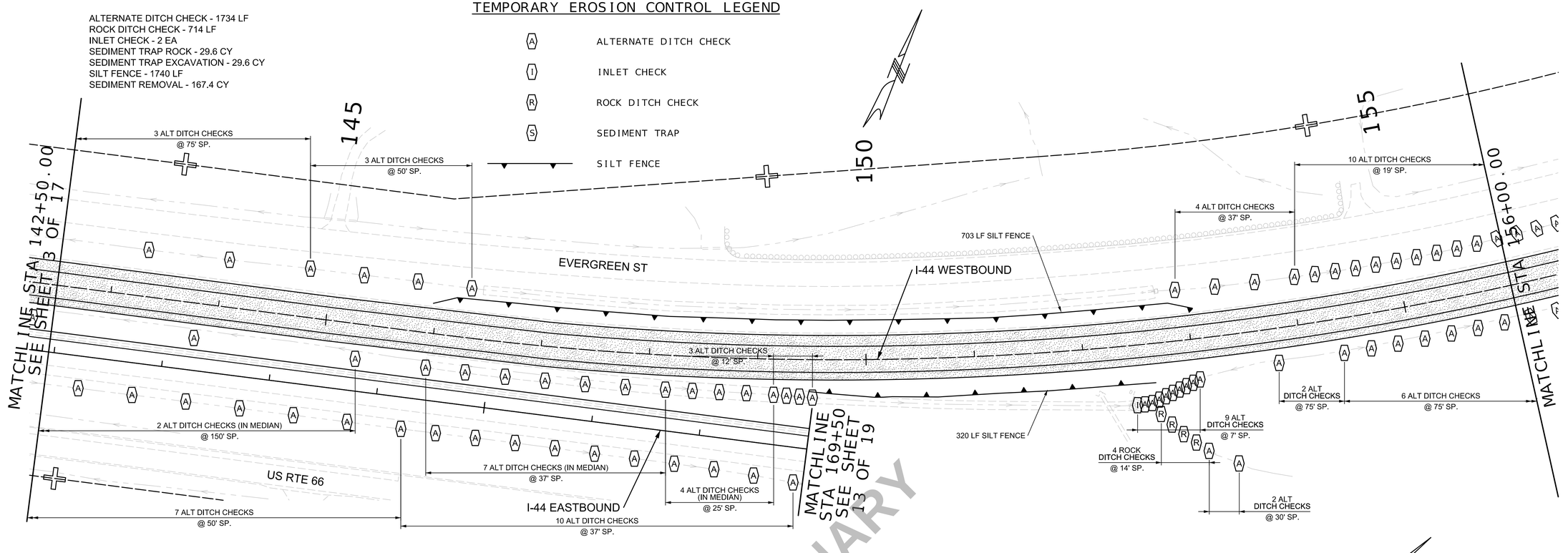
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

TEMPORARY EROSION CONTROL LEGEND

ALTERNATE DITCH CHECK - 1734 LF
ROCK DITCH CHECK - 714 LF
INLET CHECK - 2 EA
SEDIMENT TRAP ROCK - 29.6 CY
SEDIMENT TRAP EXCAVATION - 29.6 CY
SILT FENCE - 1740 LF
SEDIMENT REMOVAL - 167.4 CY

(A) ALTERNATE DITCH CHECK
(I) INLET CHECK
(R) ROCK DITCH CHECK
(S) SEDIMENT TRAP
SILT FENCE



SCALE
0 50 100 150

EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 4 OF 17

Preliminary Plans – NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 84
COUNTY WEBSTER
JOB NO. J713010
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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr Phone 314-394-3100
Suite 250 Fax 314-394-3199
St. Louis, MO 63021
Missouri Certificate of Authority: 001578

MATCHLINE STA 169+50.00
SEE SHEET 4 OF 17

170

175

180

PRIMARY RECEIVING WATER IS
POMME DE TERRE RIVER

EVERGREEN ST

3 ALT DITCH CHECKS
@ 30' SP.

9 ALT DITCH CHECKS
@ 50' SP.

6 ALT DITCH CHECKS
@ 15' SP.

4 ROCK DITCH CHECKS
@ 30' SP.

SEDIMENT
TRAP

INLET CHECK

SEDIMENT TRAP
82 LF SILT FENCE

2 ROCK DITCH CHECKS
@ 150' SP.

3 ROCK DITCH CHECKS
@ 38' SP.

I-44 WESTBOUND

N29°49'26"E

9 ALT DITCH CHECKS
@ 75' SP.

4 ALT
DITCH
CHECKS
@ 9' SP.

SEDIMENT TRAP

430 LF SILT FENCE

SEDIMENT TRAP

5 ALT DITCH CHECKS
@ 21' SP.

10 ALT DITCH CHECKS
@ 19' SP.

MATCHLINE STA 183+00.00

TEMPORARY EROSION CONTROL LEGEND

A	ALTERNATE DITCH CHECK
I	INLET CHECK
R	ROCK DITCH CHECK
S	SEDIMENT TRAP
	SILT FENCE

ALTERNATE DITCH CHECK - 1139 LF
ROCK DITCH CHECK - 357 LF
INLET CHECK - 2 EA
SEDIMENT TRAP ROCK - 59.2 CY
SEDIMENT TRAP EXCAVATION - 59.2 CY
SILT FENCE - 645 LF
SEDIMENT REMOVAL - 104.5 CY

PRELIMINARY

PRIMARY RECEIVING WATER IS
POMME DE TERRE RIVER

185

190

195

4 ROCK DITCH CHECKS
@ 150' SP.

5 ROCK DITCH CHECKS
@ 38' SP.

2 ROCK DITCH CHECKS
@ 75' SP.

EVERGREEN ST

1 ROCK DITCH CHECK
@ 300' SP.

SEDIMENT TRAP

8 ALT DITCH CHECKS (IN MEDIAN)
@ 150' SP.

69 LF SILT FENCE

MATCHLINE STA 183+00.00

N29°49'26"E

I-44 WESTBOUND

I-44 EASTBOUND

INLET CHECK

SEDIMENT TRAP

65 LF SILT FENCE

SEDIMENT TRAP

SEDIMENT TRAP

1 ALT
DITCH
CHECKS
@ 19' SP.

ALT DITCH CHECK

MATCHLINE STA 196+50.00
SEE SHEET 6 OF 17

MATCHLINE STA 171+00
SEE SHEET 17
OF 17

US RTE 66

220

4 ALT DITCH CHECKS
@ 75' SP.

4 ALT DITCH CHECKS
@ 75' SP.

4 ALT DITCH CHECKS
@ 150' SP.

SCALE
0 50 100 150

EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 5 OF 17

Preliminary
Plans –
NOT FOR
CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	85

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

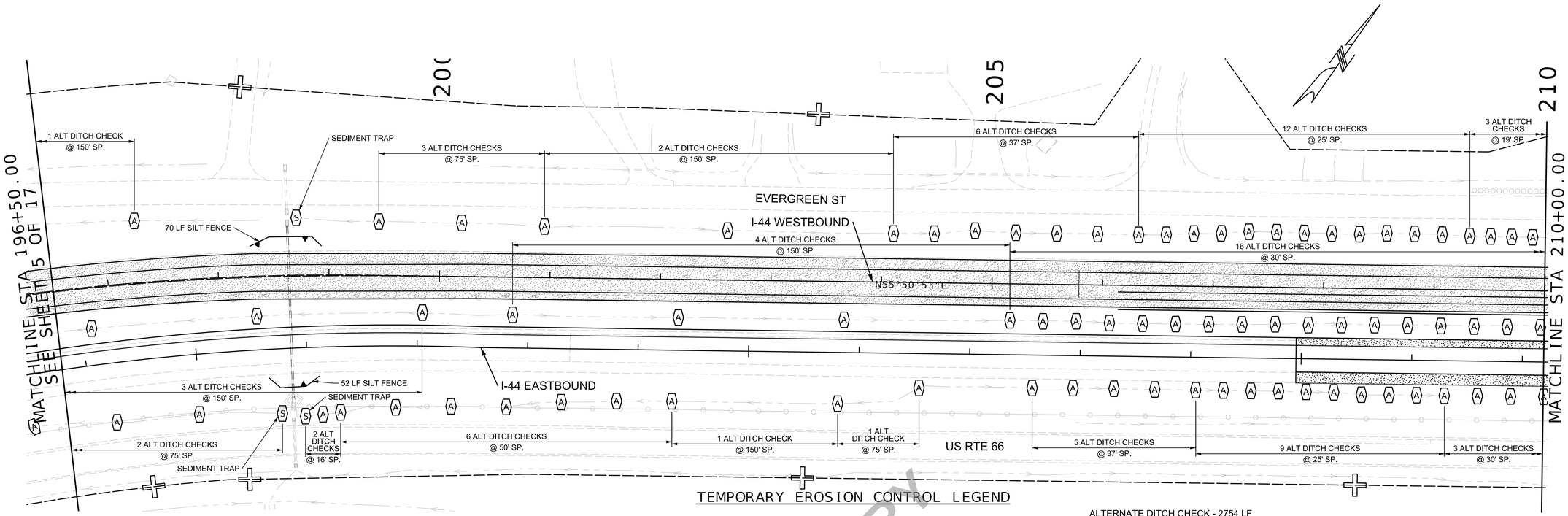
DATE

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)

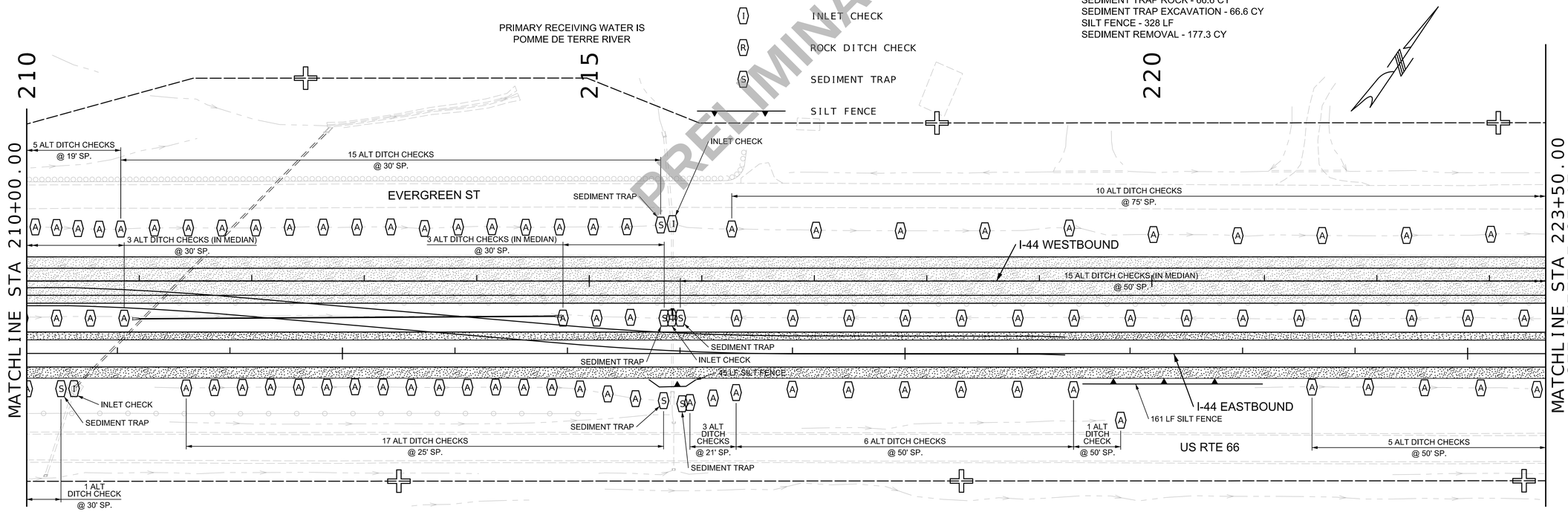
EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 2754 LF
ROCK DITCH CHECK - 0 LF
INLET CHECK - 3 EA
SEDIMENT TRAP ROCK - 66.6 CY
SEDIMENT TRAP EXCAVATION - 66.6 CY
SILT FENCE - 328 LF
SEDIMENT REMOVAL - 177.3 CY



SCALE
0 50 100 150

EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 6 OF 17

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

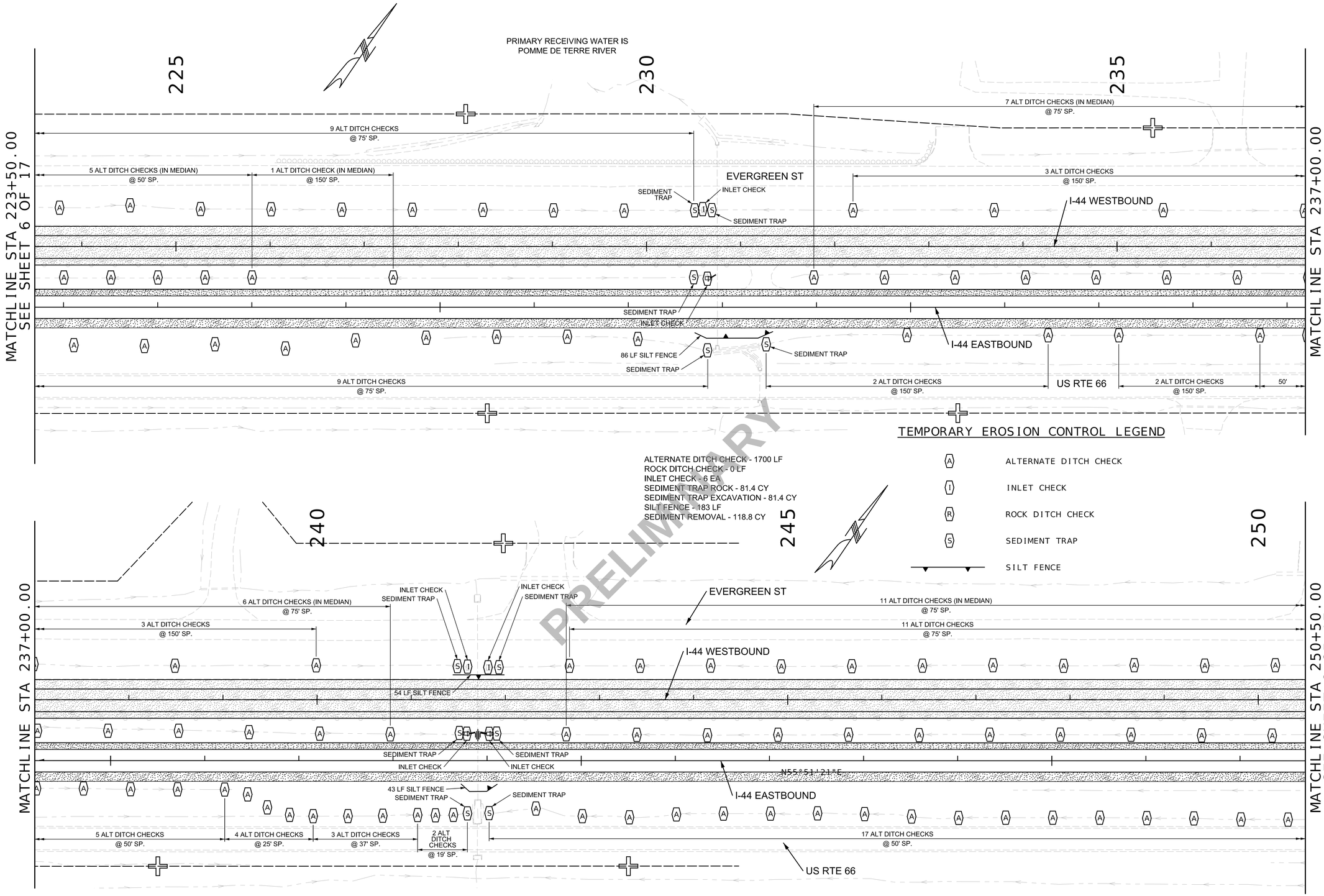
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 86
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	87

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

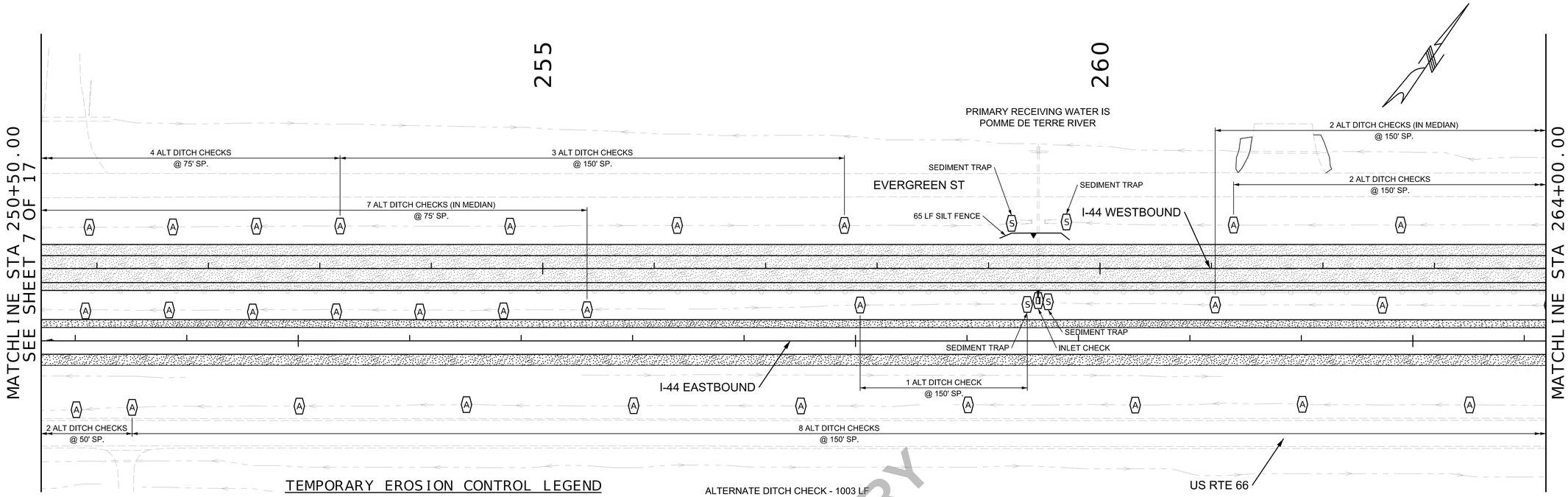
BRIDGE NO.

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

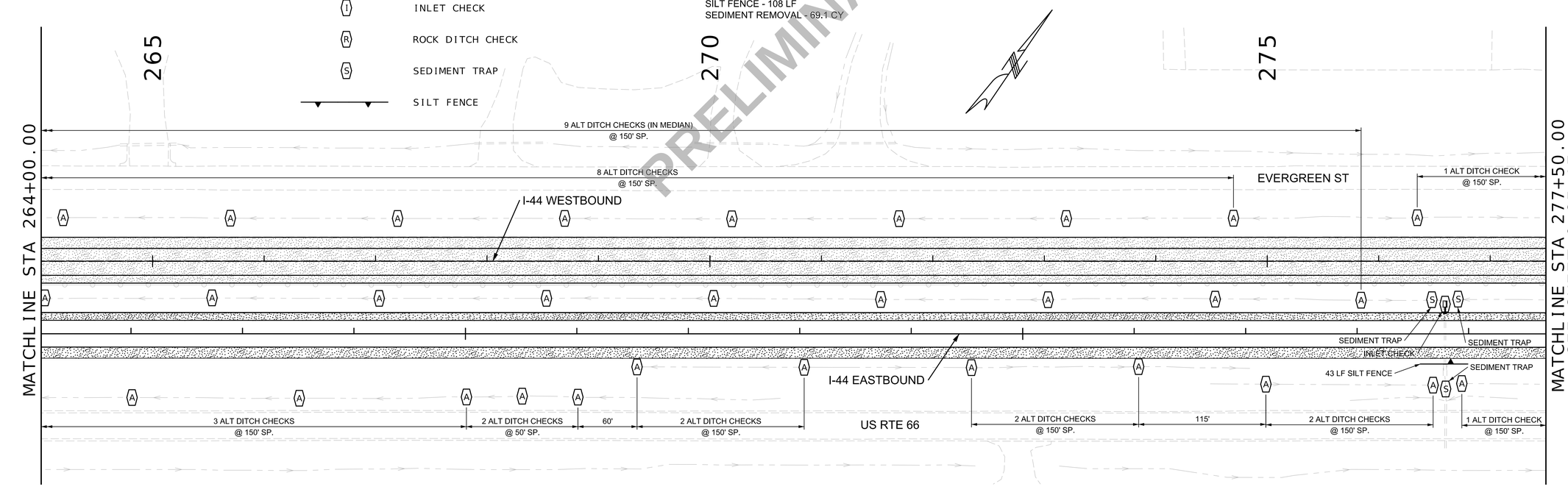


TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 1003 LF
ROCK DITCH CHECK - 0 LF
INLET CHECK - 2 EA
SEDIMENT TRAP ROCK - 51.8 CY
SEDIMENT TRAP EXCAVATION - 51.8 CY
SILT FENCE - 108 LF
SEDIMENT REMOVAL - 69.1 CY

PRELIMINARY



SCALE
0 50 100 150

EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 8 OF 17

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 88
COUNTY WEBSTER
JOB NO. J713010
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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

PRIMARY RECEIVING WATER IS
POMME DE TERRE RIVER

280 285 290

MATCHLINE STA 277+50.00
SEE SHEET 8 OF 17

MATCHLINE STA 291+00.00

7 ALT DITCH CHECKS (IN MEDIAN)
@ 150' SP.

3 ALT DITCH CHECKS
@ 150' SP.

EVERGREEN ST

SEDIMENT TRAP

SEDIMENT TRAP

50 LF SILT FENCE

6 ALT DITCH CHECKS
@ 75' SP.

I-44 WESTBOUND

61 LF SILT FENCE

SEDIMENT TRAP

6 ALT DITCH CHECKS (IN MEDIAN)
@ 50' SP.

6 ALT DITCH CHECKS
@ 50' SP.

SEDIMENT TRAP
INLET CHECK

I-44 EASTBOUND

SEDIMENT TRAP

1 ALT DITCH CHECK
@ 150' SP.

5 ALT DITCH CHECKS
@ 150' SP.

95'

11 ALT DITCH CHECKS
@ 37' SP.

US RTE 66

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 1989 LF
ROCK DITCH CHECK - 0 LF
INLET CHECK - 1 EA
SEDIMENT TRAP ROCK - 37.0 CY
SEDIMENT TRAP EXCAVATION - 37.0 CY
SILT FENCE - 111 LF
SEDIMENT REMOVAL - 124.1 CY

PRELIMINARY

295 300

MATCHLINE STA 291+00.00

MATCHLINE STA 304+50.00
SEE SHEET 10 OF 17

19 ALT DITCH CHECKS
@ 50' SP.

14 ALT DITCH CHECKS (IN MEDIAN)
@ 50' SP.

1 ALT DITCH CHECK (IN MEDIAN)
@ 150' SP.

I-44 WESTBOUND

4 ALT DITCH CHECKS
@ 75' SP.

6 ALT DITCH CHECKS
@ 19' SP.

EVERGREEN ST

N55°59'08"E

I-44 EASTBOUND

2 ALT DITCH CHECKS (IN MEDIAN)
@ 150' SP.

3 ALT DITCH CHECKS (IN MEDIAN)
@ 50' SP.

7 ALT DITCH CHECKS
@ 50' SP.

6 ALT DITCH CHECKS
@ 37' SP.

9 ALT DITCH CHECKS
@ 50' SP.

US RTE 66

1 ALT DITCH CHECK
@ 150' SP.

SCALE
0 50 100 150

EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 9 OF 17

Preliminary Plans – NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	89

COUNTY
WEBSTER

JOB NO.
J713010

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

PRIMARY RECEIVING WATER IS
POMME DE TERRE RIVER

EVERGREEN ST

MATCHLINE STA 304+50.00
SEE SHEET 9 OF 17

7 ALT DITCH CHECKS (IN MEDIAN)
@ 50' SP.

2 ALT DITCH CHECKS
(IN MEDIAN)
@ 25' SP.

10 ALT DITCH CHECKS
@ 19' SP.

1 ALT
DITCH
CHECK
@ 25' SP.

SEDIMENT TRAP

454 LF SILT FENCE

24 ALT DITCH CHECKS (IN MEDIAN)
@ 37' SP.

11 ALT DITCH CHECKS
@ 37' SP.

3 ALT
DITCH
CHECKS
@ 16' SP.

I-44 WESTBOUND

END PROJECT
STA 316+15.65

2 ROCK
DITCH
CHECKS
@ 15' SP.

SEDIMENT TRAP

554 LF SILT FENCE

SEDIMENT TRAP

SEDIMENT TRAP

SEDIMENT TRAP

N63°41'20"E

INLET CHECK

312 LF SILT FENCE

I-44 EASTBOUND

20 ALT DITCH CHECKS
@ 37' SP.

N70°

SEDIMENT TRAP

3 ALT DITCH CHECKS
@ 21' SP.

INLET CHECK

3 ALT
DITCH
CHECKS
@ 15' SP.

SEDIMENT TRAP

5 ALT DITCH CHECKS
@ 30' SP.

MATCHLINE STA 318+00.00
SEE SHEET 11 OF 17

ALTERNATE DITCH CHECK - 3689 LF
ROCK DITCH CHECK - 34 LF
INLET CHECK - 3 EA
SEDIMENT TRAP ROCK - 81.4 CY
SEDIMENT TRAP EXCAVATION - 81.4 CY
SILT FENCE - 1321 LF
SEDIMENT REMOVAL - 246.2 CY

PRELIMINARY

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

8 ALT DITCH CHECKS (IN MEDIAN)
@ 37' SP.

69 ALT DITCH CHECKS (IN MEDIAN)
@ 15' SP.

I-44 WESTBOUND

MATCHLINE STA 318+00.00
SEE SHEET 10 OF 17

N73°25'57"E

I-44 EASTBOUND

N79°16'56"E

SEDIMENT TRAP

31 ALT DITCH CHECKS
@ 15' SP.

10 ALT DITCH CHECKS
@ 9' SP.

4 ALT
DITCH
CHECKS
@ 12' SP.

8 ALT DITCH CHECKS
@ 13' SP.

SEDIMENT TRAP

MATCHLINE STA 358+00.00
SEE SHEET 11 OF 17

SCALE
0 50 100 150

EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 10 OF 17

Preliminary
Plans -
NOT FOR
CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	90

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

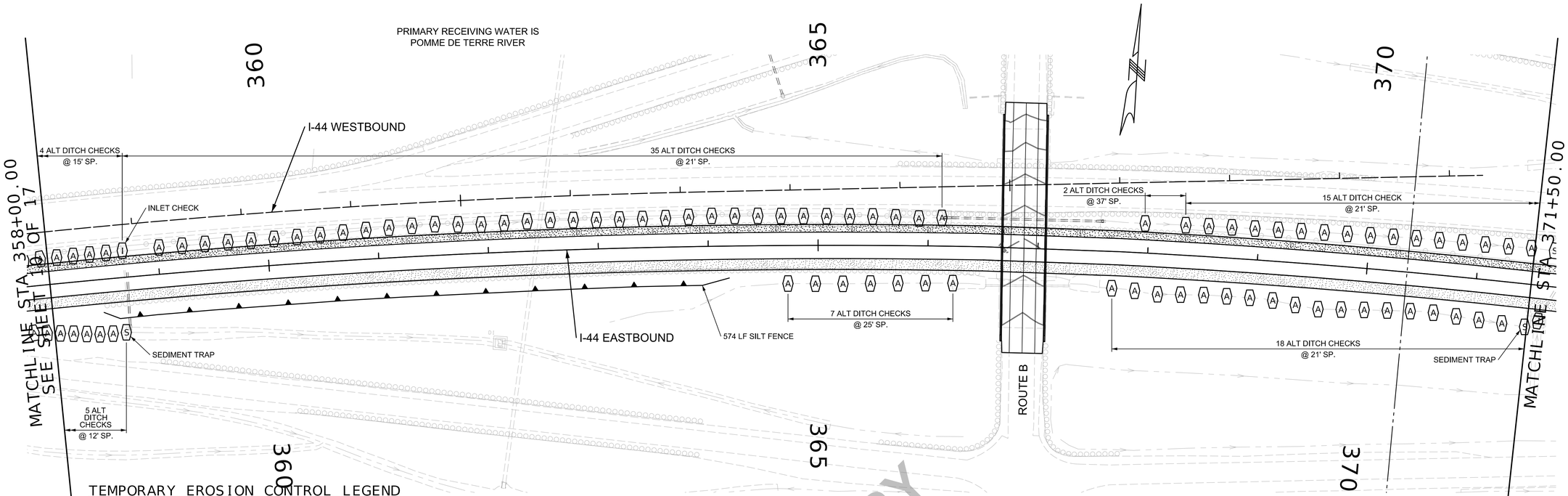
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

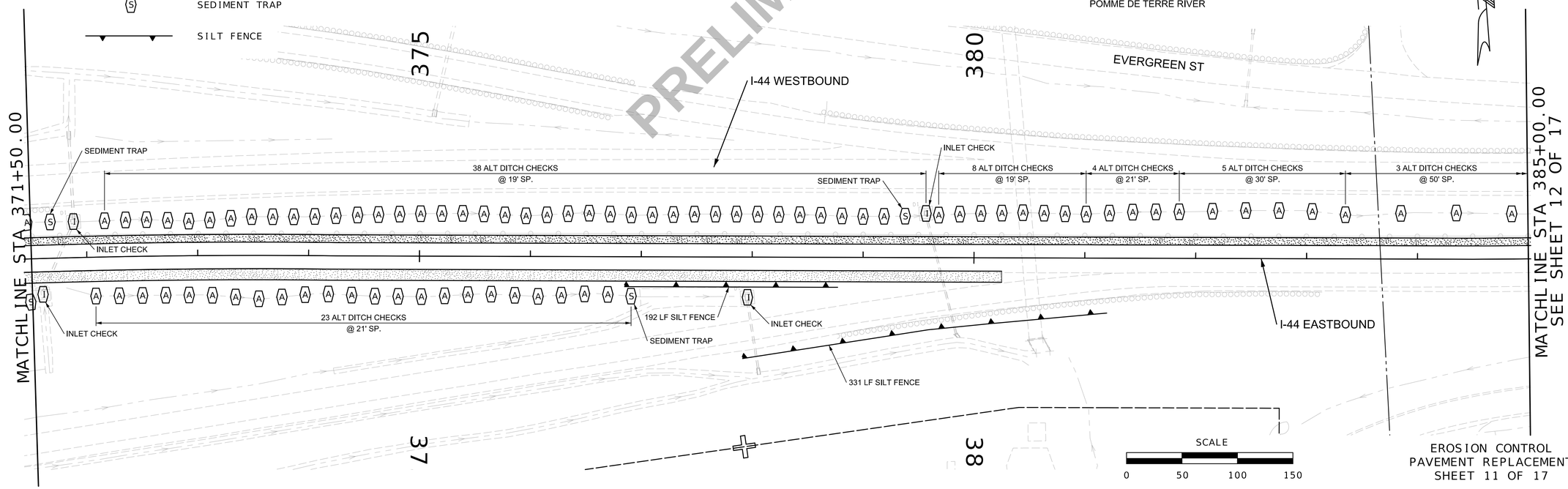


TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 2839 LF
ROCK DITCH CHECK - 0 LF
INLET CHECK - 5 EA
SEDIMENT TRAP ROCK - 37.0 CY
SEDIMENT TRAP EXCAVATION - 37.0 CY
SILT FENCE - 1097 LF
SEDIMENT REMOVAL - 188.0 CY

PRELIMINARY



EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 11 OF 17

Preliminary Plans – NOT FOR CONSTRUCTION

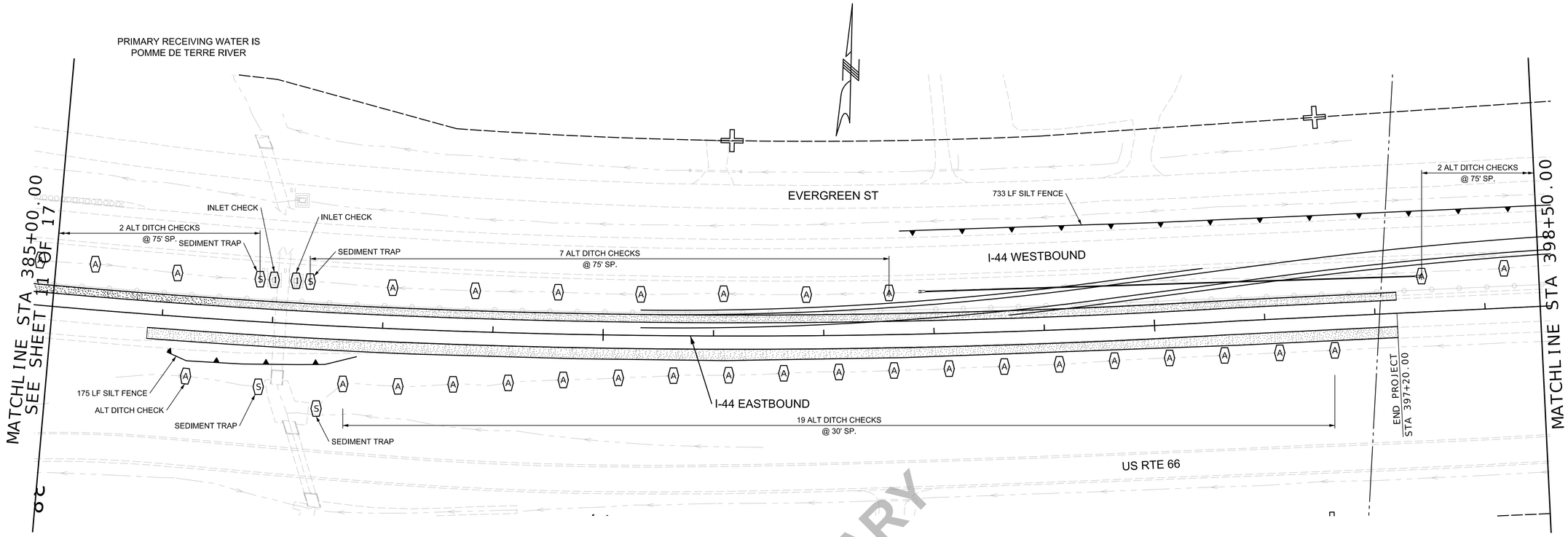
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 91
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

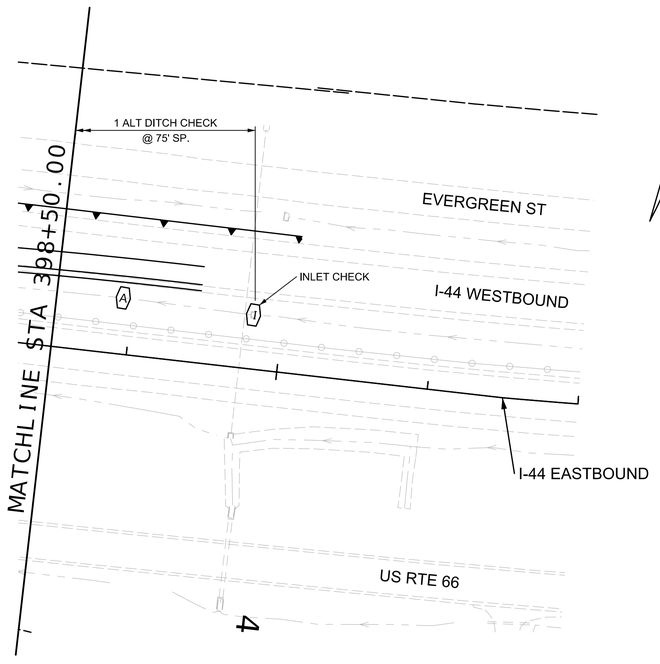
DESCRIPTION | DATE

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578





TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 544 LF
ROCK DITCH CHECK - 0 LF
INLET CHECK - 3 EA
SEDIMENT TRAP ROCK - 29.6 CY
SEDIMENT TRAP EXCAVATION - 29.6 CY
SILT FENCE - 908 LF
SEDIMENT REMOVAL - 48.1 CY

PRELIMINARY

SCALE
0 50 100 150

EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 12 OF 17

Preliminary Plans - NOT FOR CONSTRUCTION

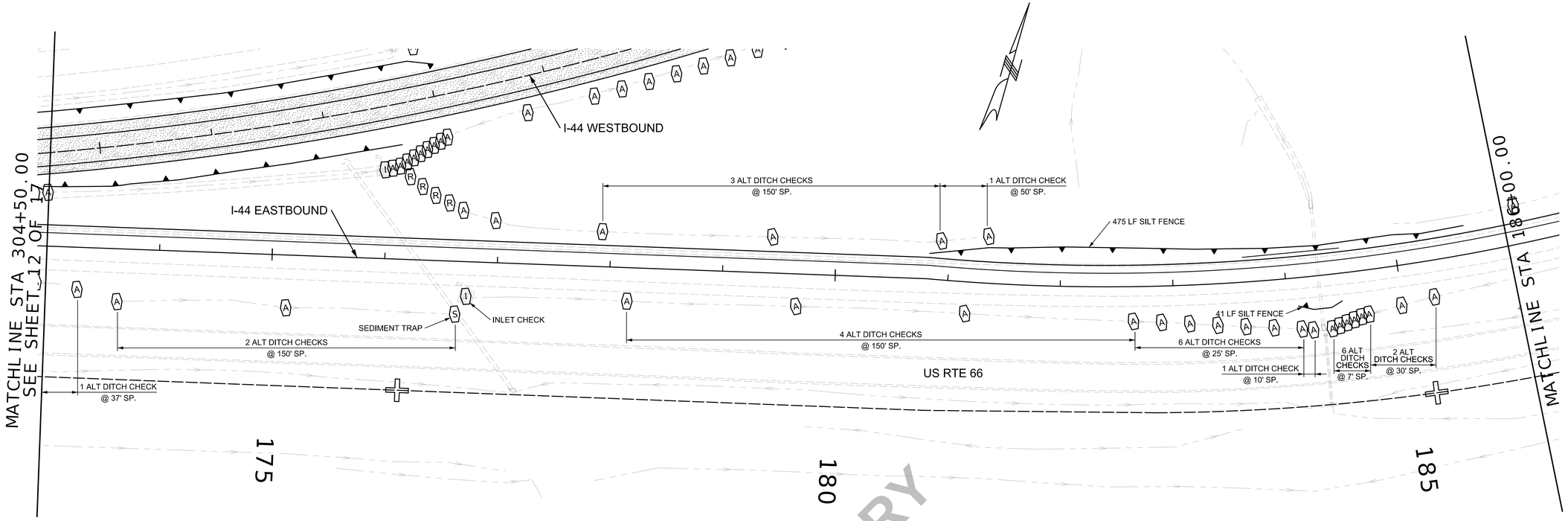
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 92
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

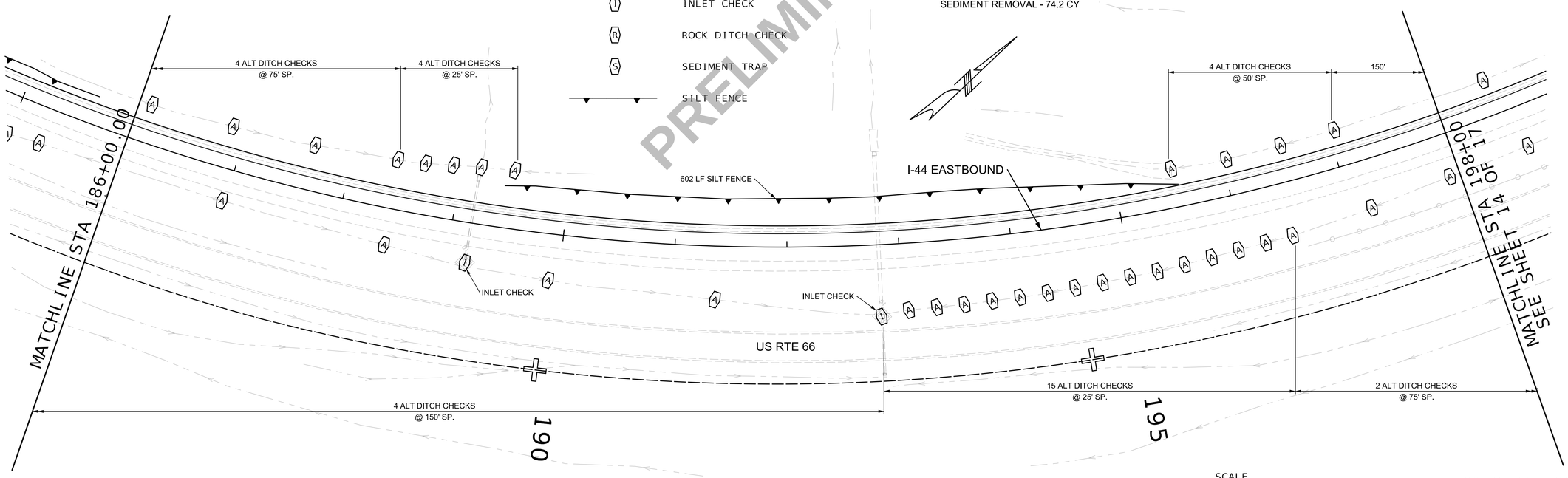


TEMPORARY EROSION CONTROL LEGEND

- A — ALTERNATE DITCH CHECK
- I — INLET CHECK
- R — ROCK DITCH CHECK
- S — SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 1003 LF
ROCK DITCH CHECK - 0 LF
INLET CHECK - 3 EA
SEDIMENT TRAP ROCK - 7.4 CY
SEDIMENT TRAP EXCAVATION - 7.4 CY
SILT FENCE - 1118 LF
SEDIMENT REMOVAL - 74.2 CY

PRELIMINARY



SCALE
0 50 100 150

EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 13 OF 17

Preliminary Plans – NOT FOR CONSTRUCTION

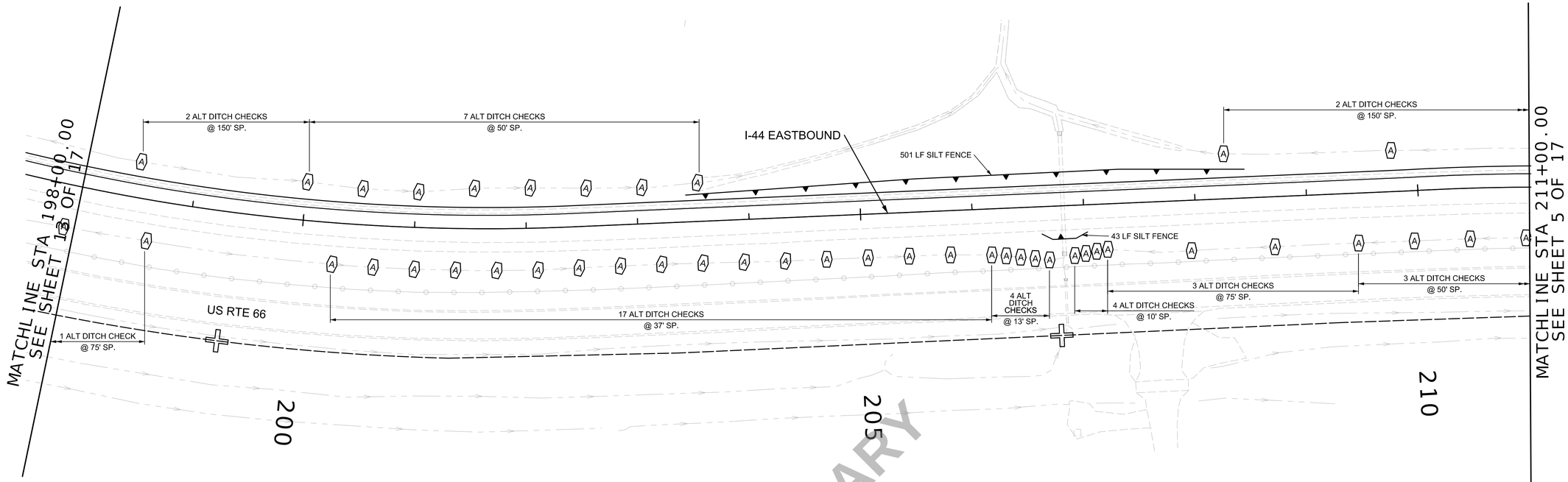
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 93
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001678



TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 731 LF
ROCK DITCH CHECK - 0 LF
INLET CHECK - 0 EA
SEDIMENT TRAP ROCK - 0.0 CY
SEDIMENT TRAP EXCAVATION - 0.0 CY
SILT FENCE - 545 LF
SEDIMENT REMOVAL - 48.5 CY

PRELIMINARY

SCALE
0 50 100 150

EROSION CONTROL
PAVEMENT REPLACEMENT
SHEET 14 OF 17

Preliminary Plans - NOT FOR CONSTRUCTION

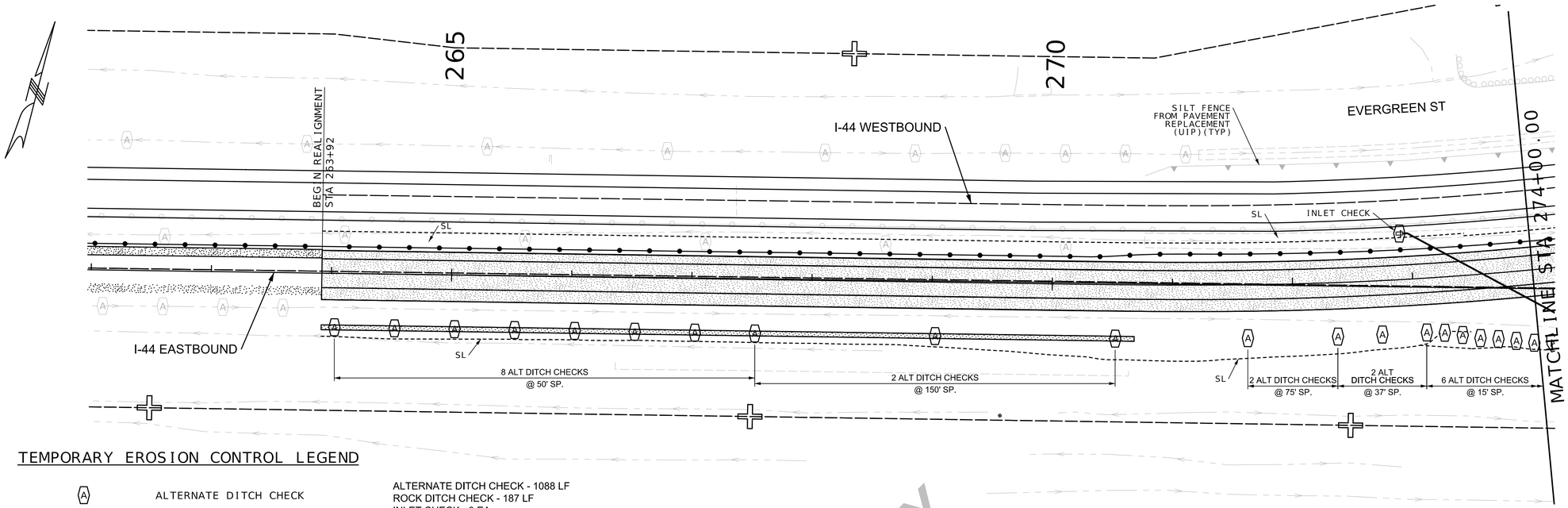
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 94
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

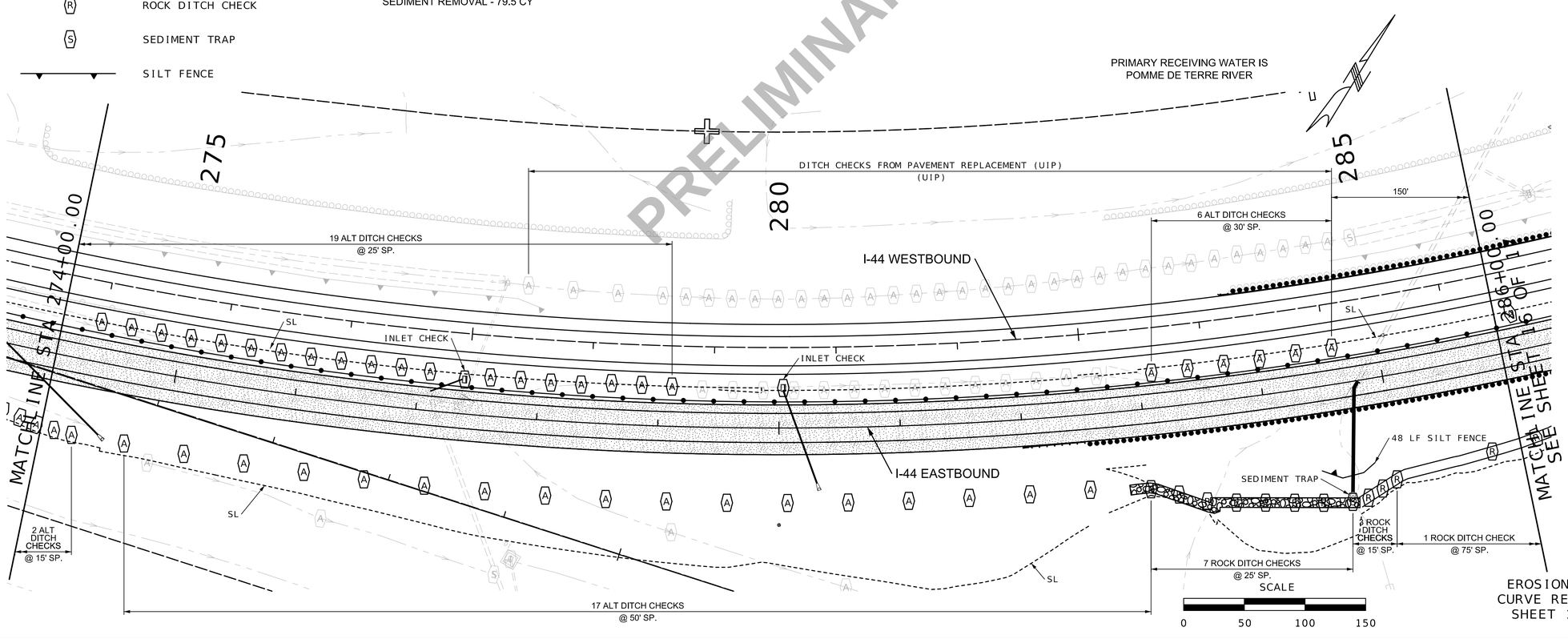


TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 1088 LF
ROCK DITCH CHECK - 187 LF
INLET CHECK - 3 EA
SEDIMENT TRAP ROCK - 7.4 CY
SEDIMENT TRAP EXCAVATION - 7.4 CY
SILT FENCE - 48 LF
SEDIMENT REMOVAL - 79.5 CY

PRELIMINARY



EROSION CONTROL
CURVE REALIGNMENT
SHEET 15 OF 17

Preliminary Plans – NOT FOR CONSTRUCTION

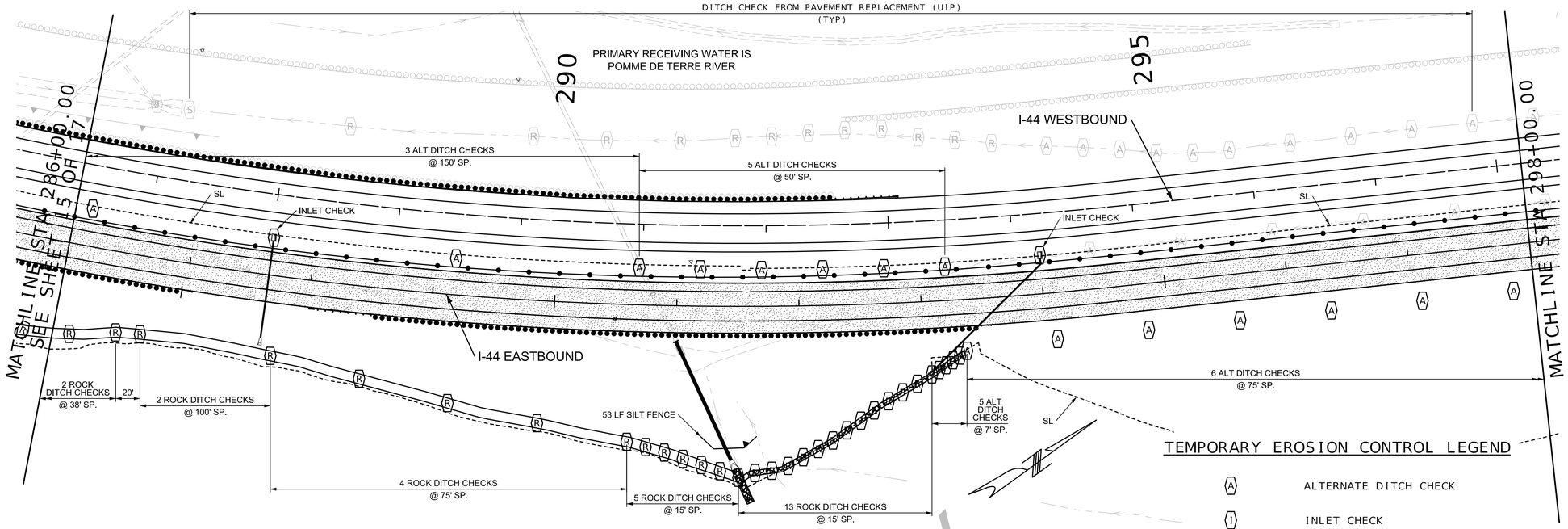
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 95
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

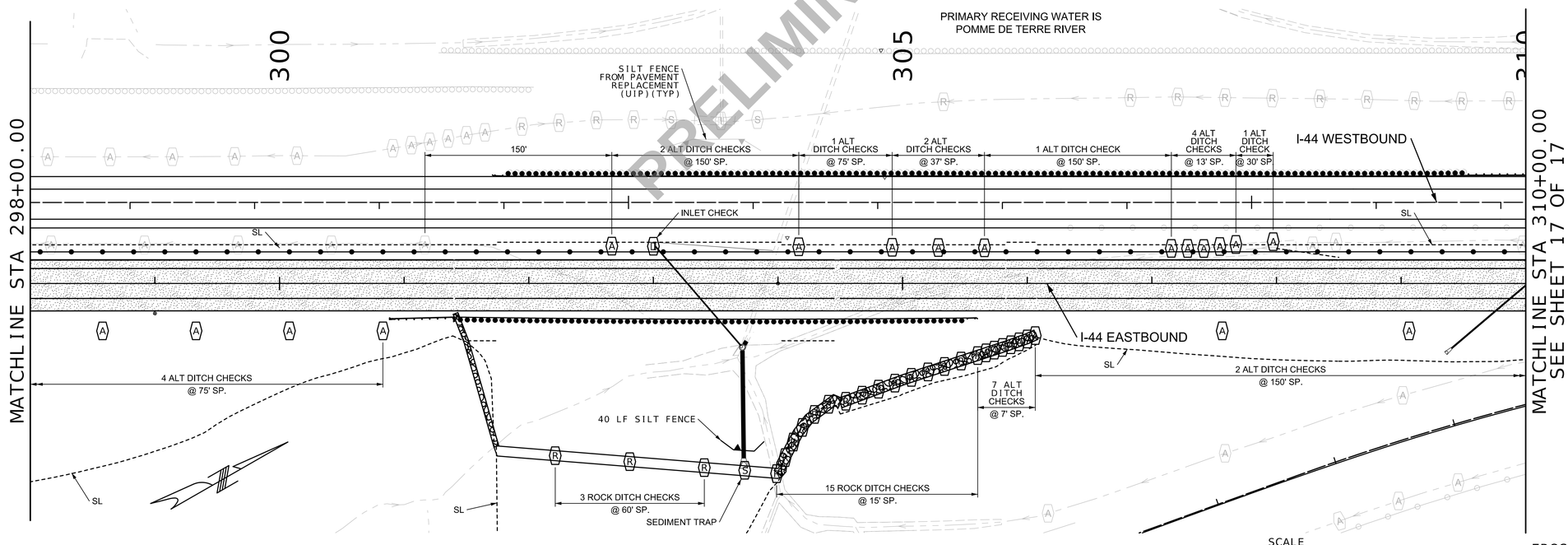
EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr Suite 250 St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



ALTERNATE DITCH CHECK - 748 LF
ROCK DITCH CHECK - 748 LF
INLET CHECK - 3 EA
SEDIMENT TRAP ROCK - 14.8 CY
SEDIMENT TRAP EXCAVATION - 14.8 CY
SILT FENCE - 93 LF
SEDIMENT REMOVAL - 92.9CY

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE



SCALE
0 50 100 150

EROSION CONTROL
CURVE REALIGNMENT
SHEET 16 OF 17

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

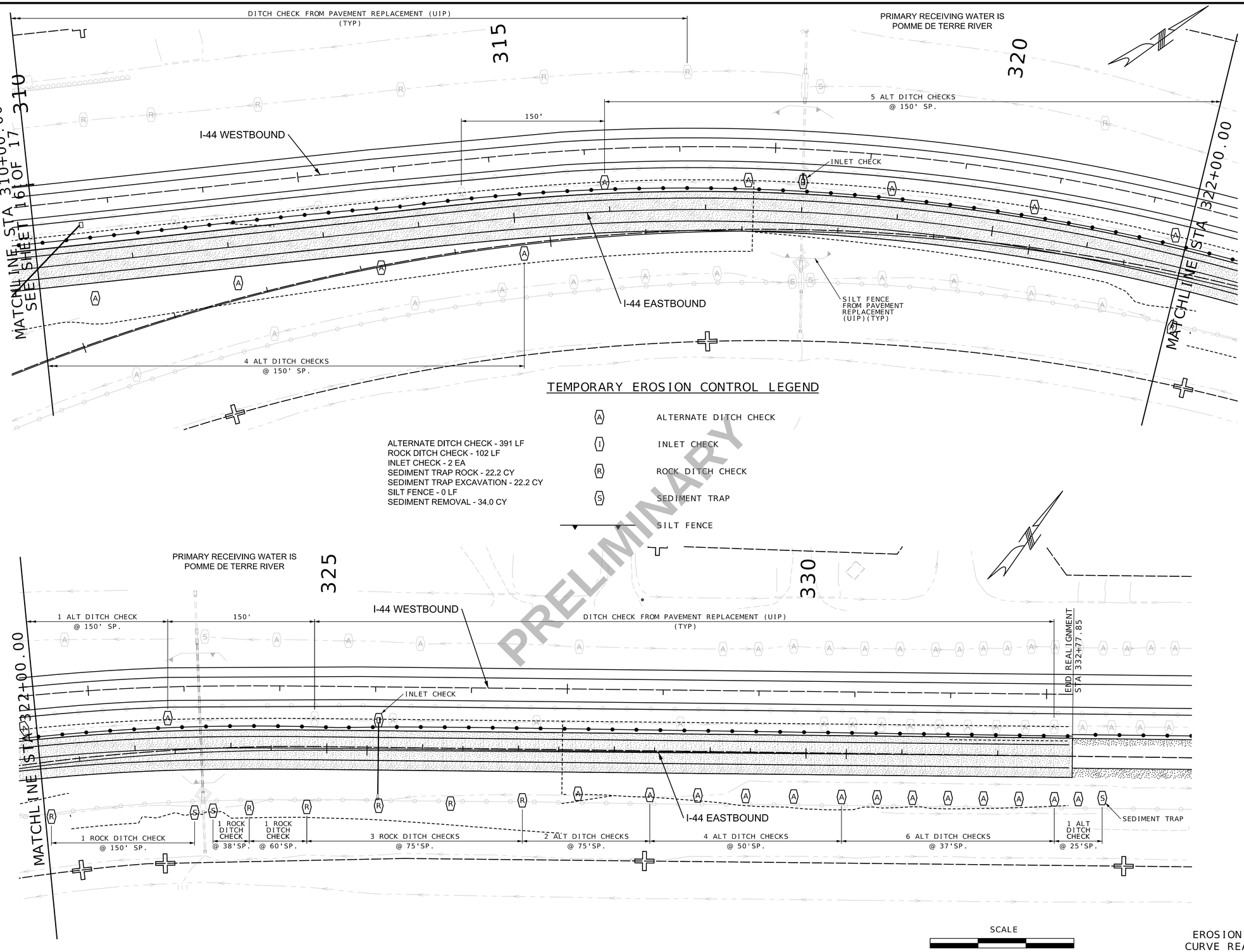
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 96
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



EROSION CONTROL
CURVE REALIGNMENT
SHEET 17 OF 17

Preliminary
Plans –
NOT FOR
CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	97

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

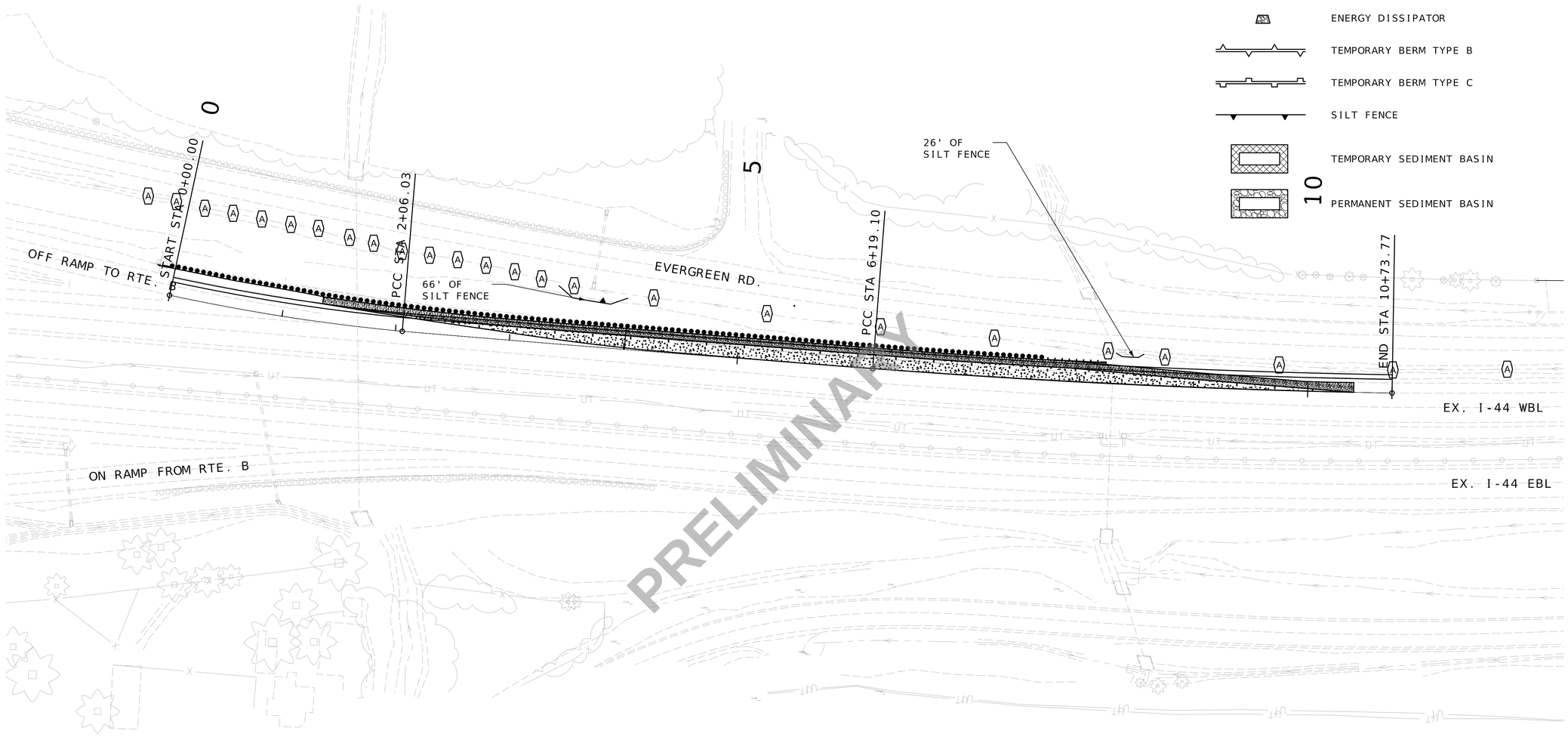
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

A BRANCH OF THE POMME DE TERRE RIVER IS RECEIVING WATER FOR THIS PROJECT

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN



PRELIMINARY

24 ALTERNATIVE DITCH CHECKS SPACED 50' APART

92' OF SILT FENCE

SCALE
0 50 100 150

EROSION CONTROL
SHEET 18 OF 22
DECEL LANE- 1 OF 5
(RTE. B- 1 OF 1)
WESTBOUND I-44

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	98

COUNTY WEBSTER

JOB NO. J713010

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)

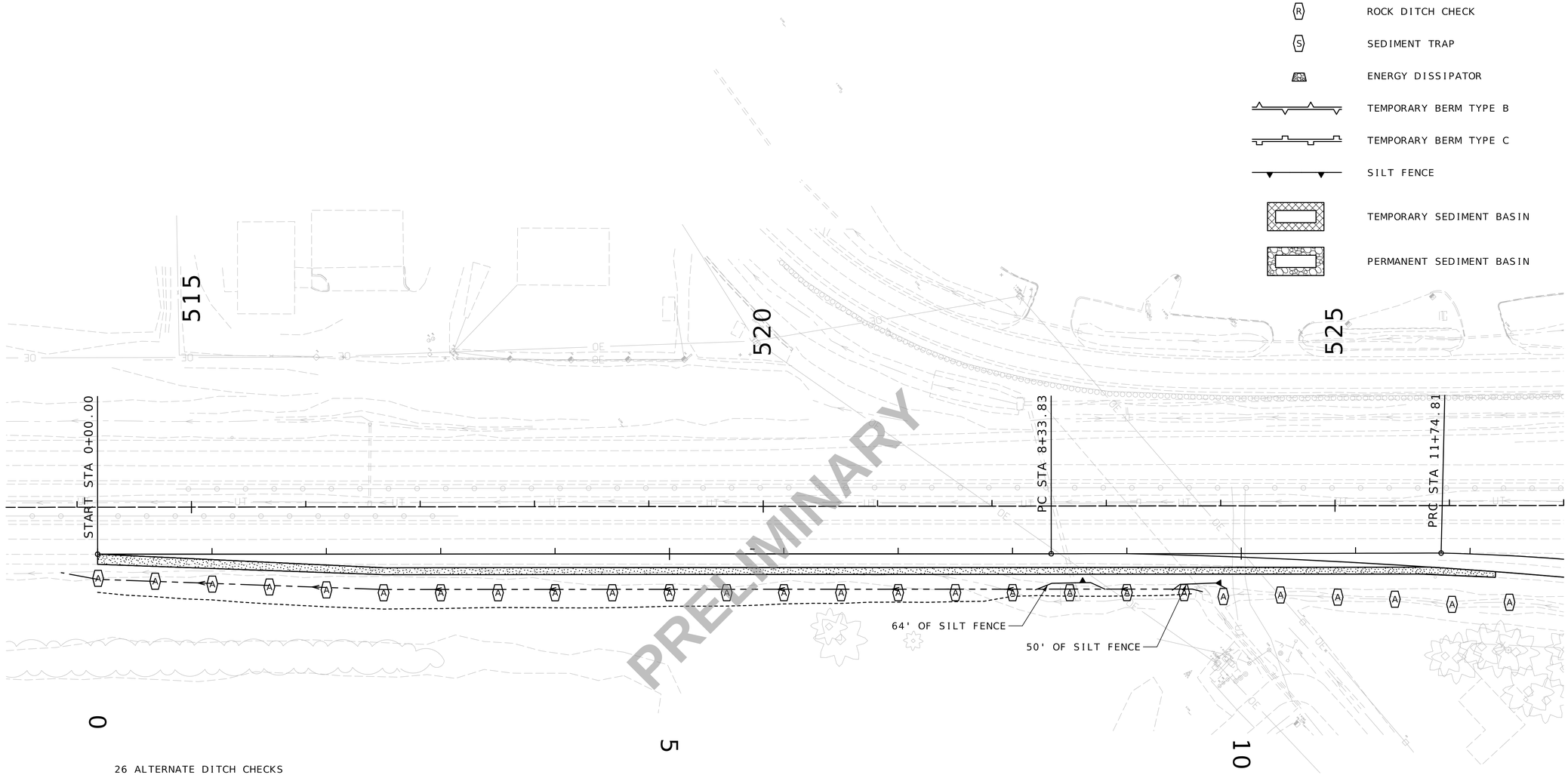
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

A BRANCH OF THE POMME DE TERRE RIVER IS RECEIVING WATER FOR THIS PROJECT

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN



26 ALTERNATE DITCH CHECKS
114' OF SILT FENCE

SCALE
0 50 100 150

EROSION CONTROL
SHEET 19 OF 22
DECEL LANE- 2 OF 5
(RTE. 38- 1 OF 1)
EASTBOUND I-44

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 99
COUNTY WEBSTER
JOB NO. J7I3010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

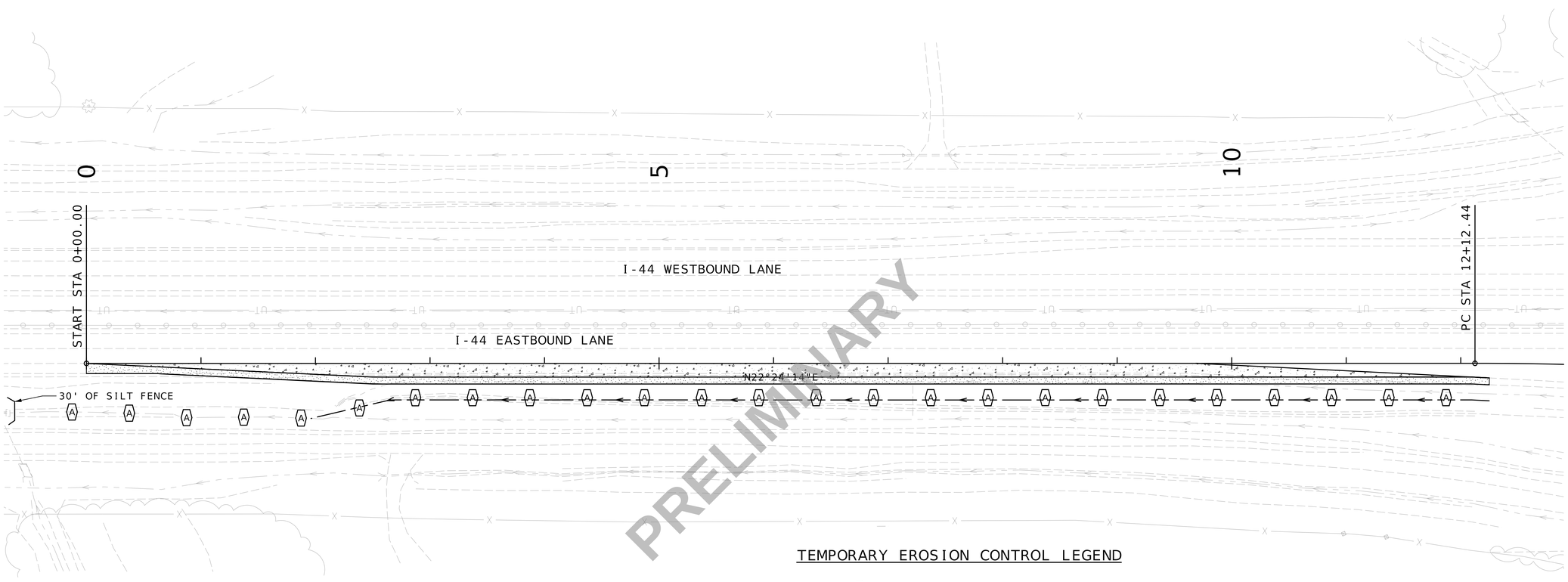
DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

EAST SPRING FORK IS RECEIVING WATER FOR THIS PROJECT



PRELIMINARY

25 ALTERNATE DITCH CHECK SPACED 50' APART
30' OF SILT FENCE

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN

SCALE
0 50 100 150

EROSION CONTROL
SHEET 20 OF 22
DECEL LANE- 3 OF 5
(SAMPSON RD- 1 OF 1)
EASTBOUND I-44

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 100
COUNTY WEBSTER
JOB NO. J7I3010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

STARVEY CREEK IS RECEIVING WATER FOR THIS PROJECT

TEMPORARY EROSION CONTROL LEGEND

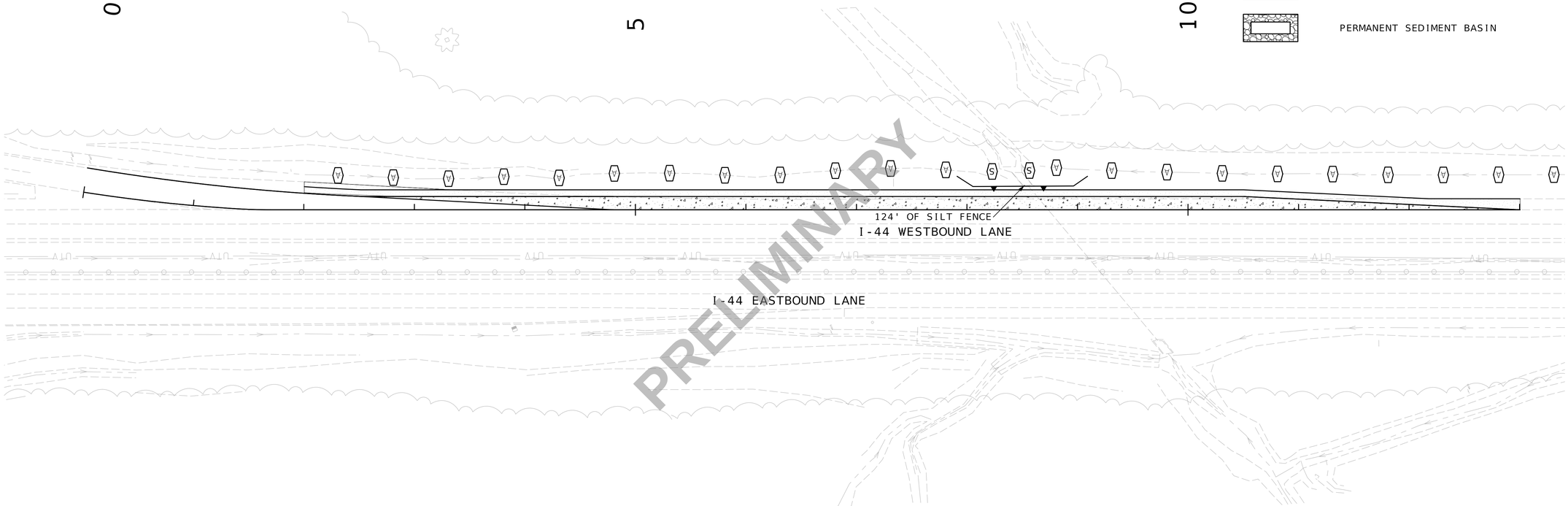
- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN

22 ALTERNATE DITCH CHECKS SPACED 50' APART

124' OF SILT FENCE

2 SEDIMENT TRAPS

0 5 10



PRELIMINARY

SCALE

0 50 100 150

EROSION CONTROL
SHEET 21 OF 22
DECEL LANE- 4 OF 5
(WB CONWAY REST AREA- 1 OF 1)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	101

COUNTY: WEBSTER

JOB NO.: J7I3010

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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

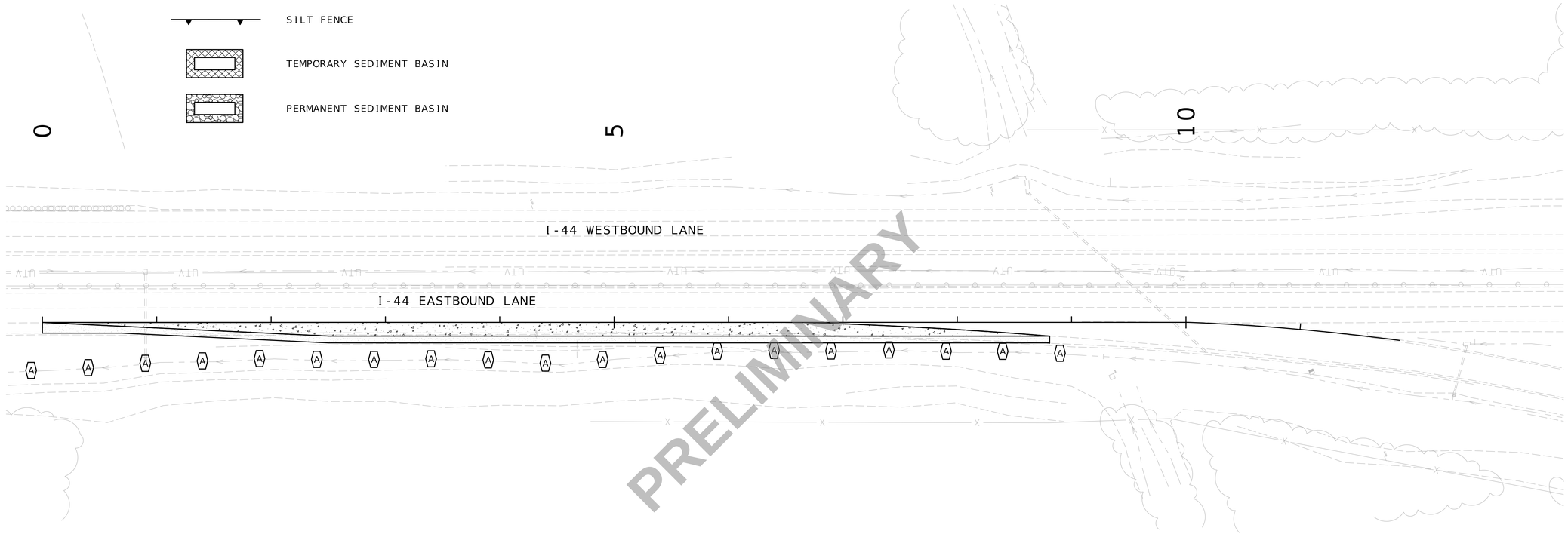
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (C) CURB INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- (ES) ENERGY DISSIPATOR
- TEMPORARY BERM TYPE B
- TEMPORARY BERM TYPE C
- SILT FENCE
- TEMPORARY SEDIMENT BASIN
- PERMANENT SEDIMENT BASIN

STARVEY CREEK IS RECEIVING WATER FOR THIS PROJECT.



PRELIMINARY

19 ALTERNATE DITCH CKECKS SPACED 50' APART

SCALE
0 50 100 150

EROSION CONTROL
SHEET 22 OF 22
DECEL LANE- 5 OF 5
(EB CONWAY REST AREA- 1 OF 1)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	102

COUNTY WEBSTER
JOB NO. J7I3010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

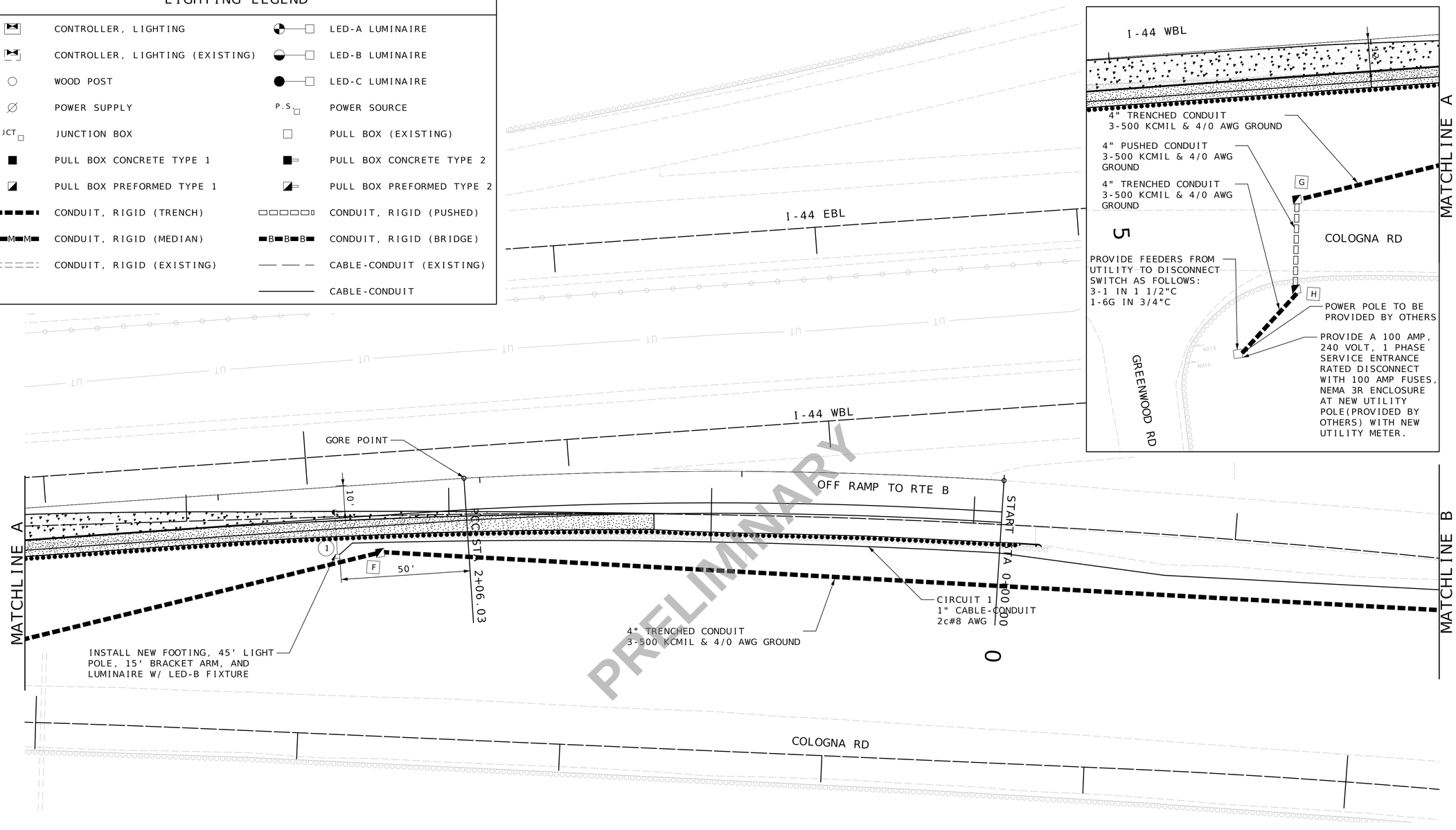
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

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 (LIGHTING SHEETS)

1) WIRING UP 45' POLE SHALL BE AS FOLLOWS: 2-10 & 1-10G

SCALE
0 20 40 60

LIGHTING PLANS
SHEET 1 OF 11
RTE. B DECEL LANE-1 OF 3

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	103

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

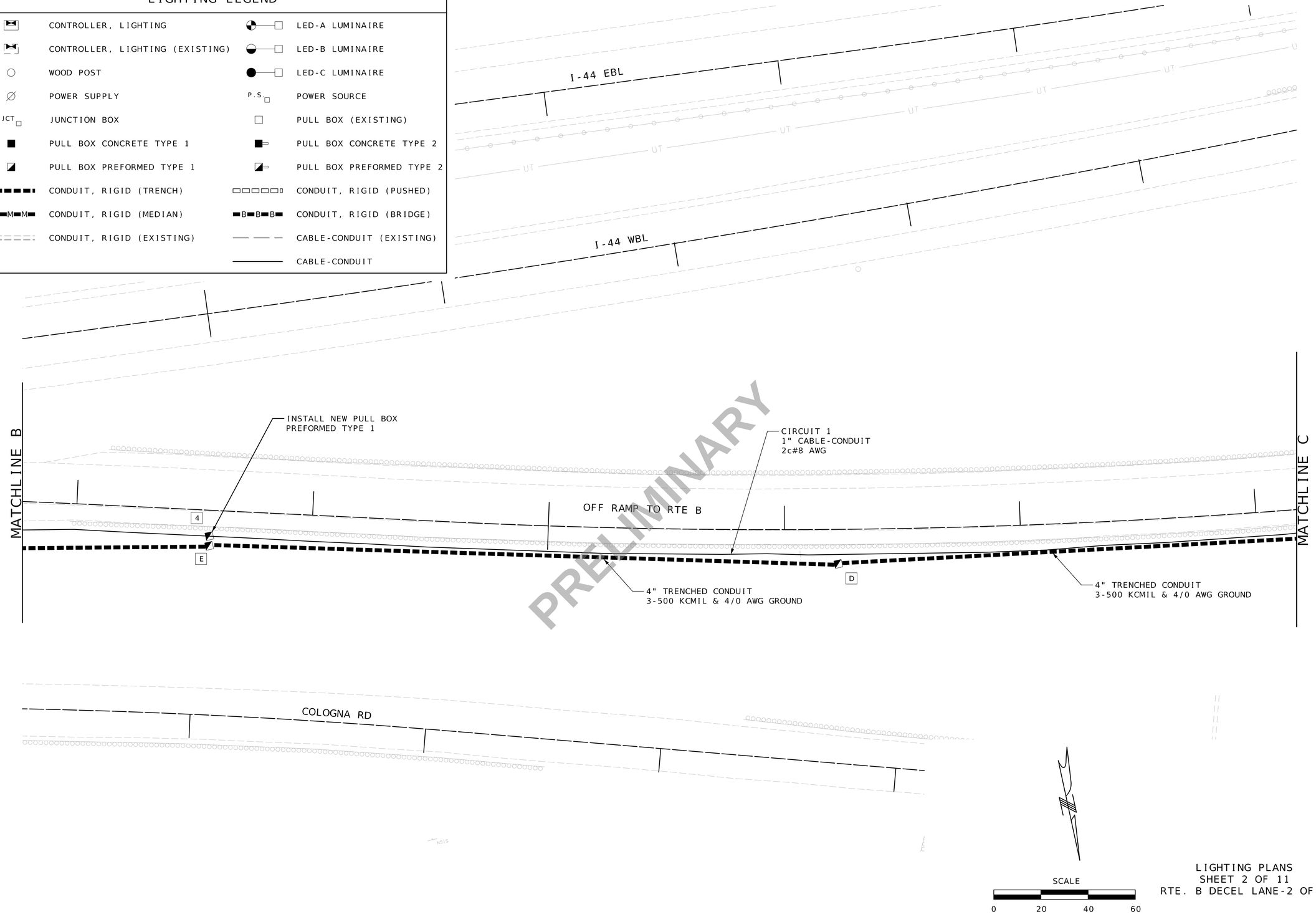
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



SCALE
0 20 40 60

LIGHTING PLANS
SHEET 2 OF 11
RTE. B DECEL LANE-2 OF 3

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	104

COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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

DESCRIPTION	DATE

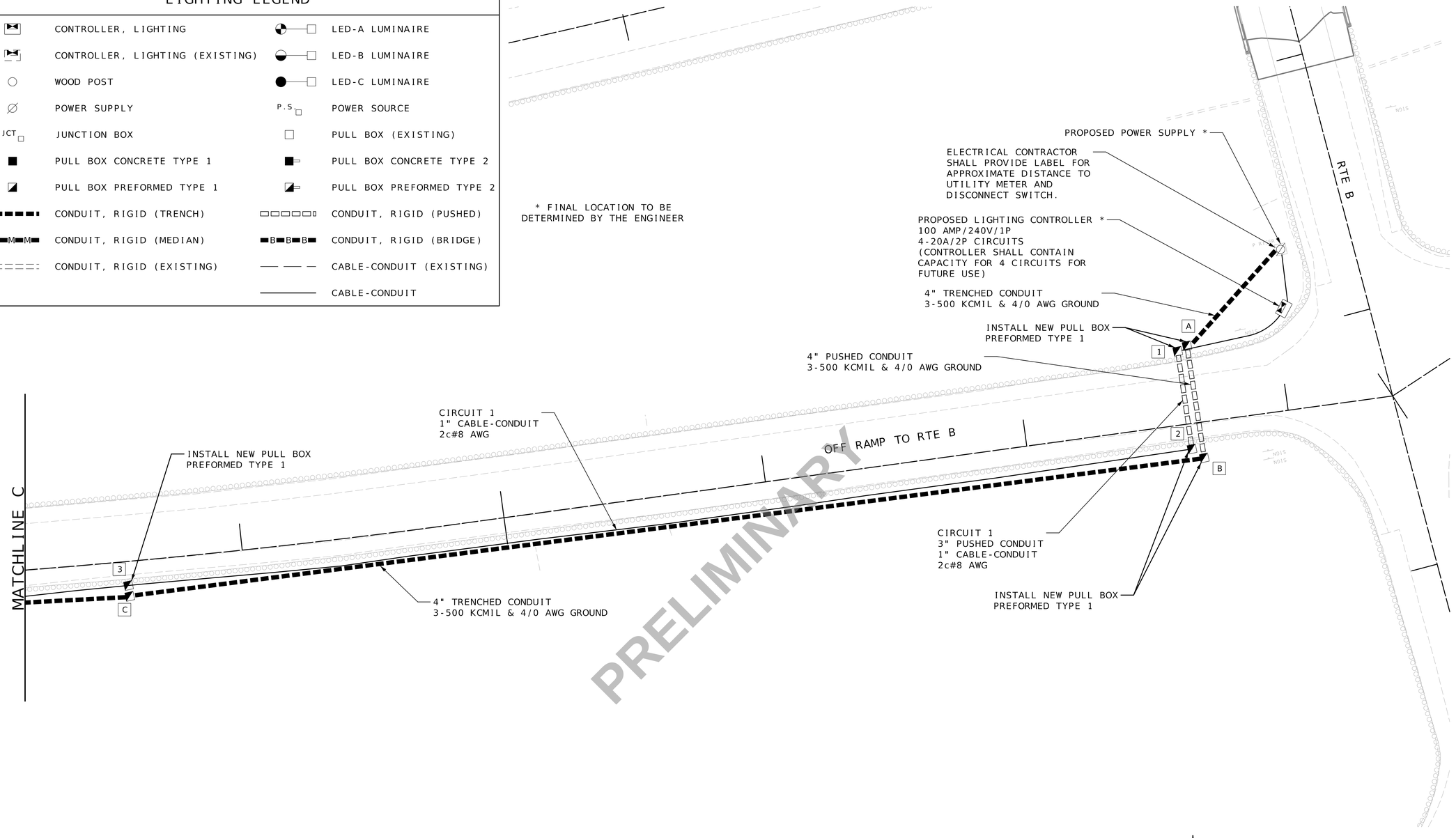
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

* FINAL LOCATION TO BE DETERMINED BY THE ENGINEER



GENERAL NOTES (LIGHTING SHEETS)

1) CONTRACTOR SHALL PROVIDE LABEL IN LIGHTING CONTROLLER FOR APPROXIMATE DISTANCE TO UTILITY METER AND DISCONNECT SWITCH.

2) POWER SUPPLY CONNECTION NOTE: 100AMP, 240 VOLT, 1 PHASE SERVICE ENTRANCE RATED DISCONNECT WITH 100 AMP FUSES, NEMA 3R ENCLOSURE AT NEW UTILITY POLE WITH NEW UTILITY METER.

3) POWER SUPPLY DISCONNECT NOTE: FEEDERS FROM UTILITY TO DISCONNECT SWITCH AS FOLLOWS: 3-1 IN 1-1/2"C. 1-6G IN 3/4"C.

SCALE
0 20 40 60

LIGHTING PLANS
SHEET 3 OF 11
RTE. B DECEL LANE-3 OF 3

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	105

COUNTY WEBSTER
JOB NO. J7I3010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

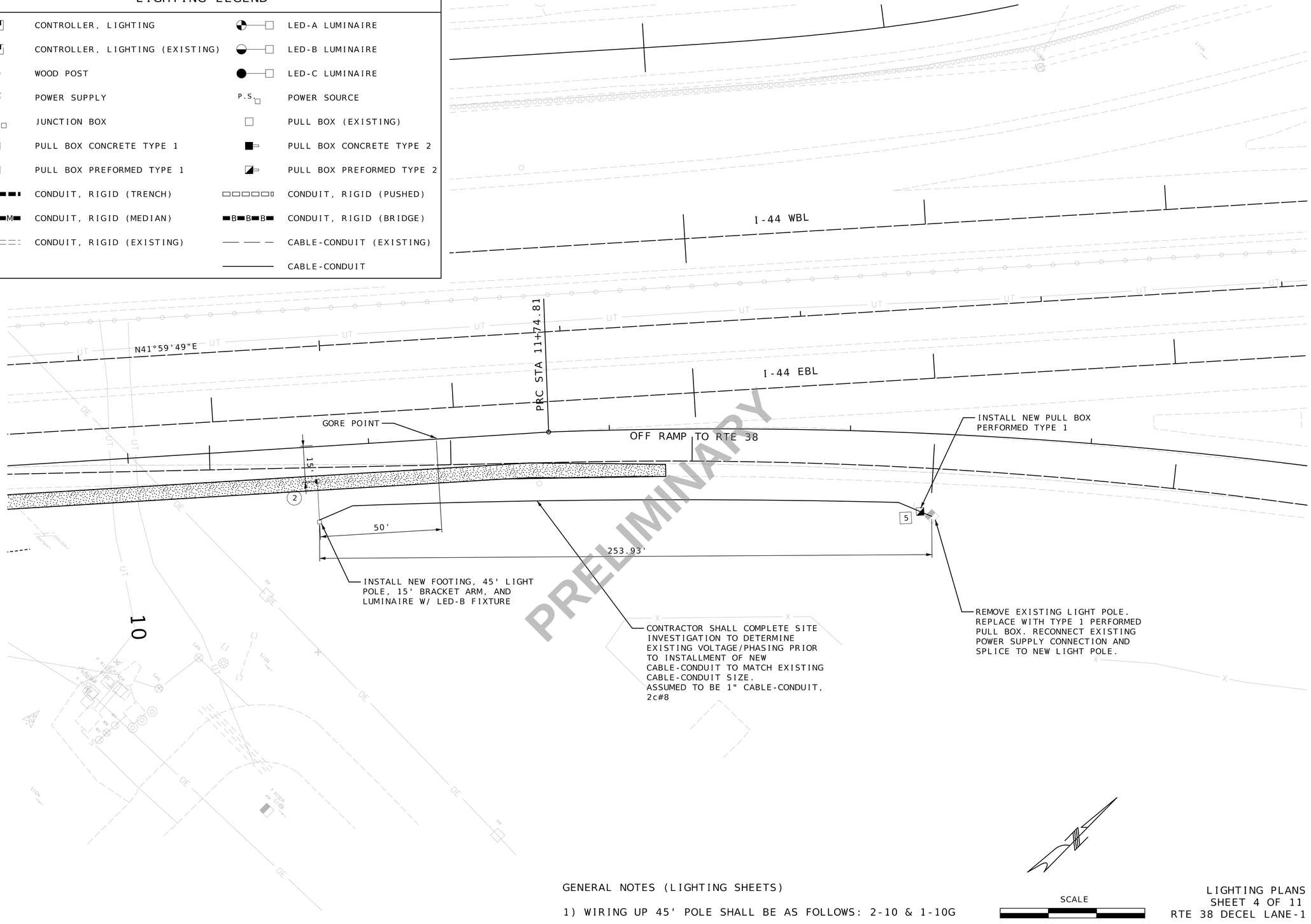
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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 (LIGHTING SHEETS)

1) WIRING UP 45' POLE SHALL BE AS FOLLOWS: 2-10 & 1-10G

SCALE

0 20 40 60

LIGHTING PLANS
SHEET 4 OF 11
RTE 38 DECEL LANE-1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	106

COUNTY: WEBSTER

JOB NO.: J713010

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

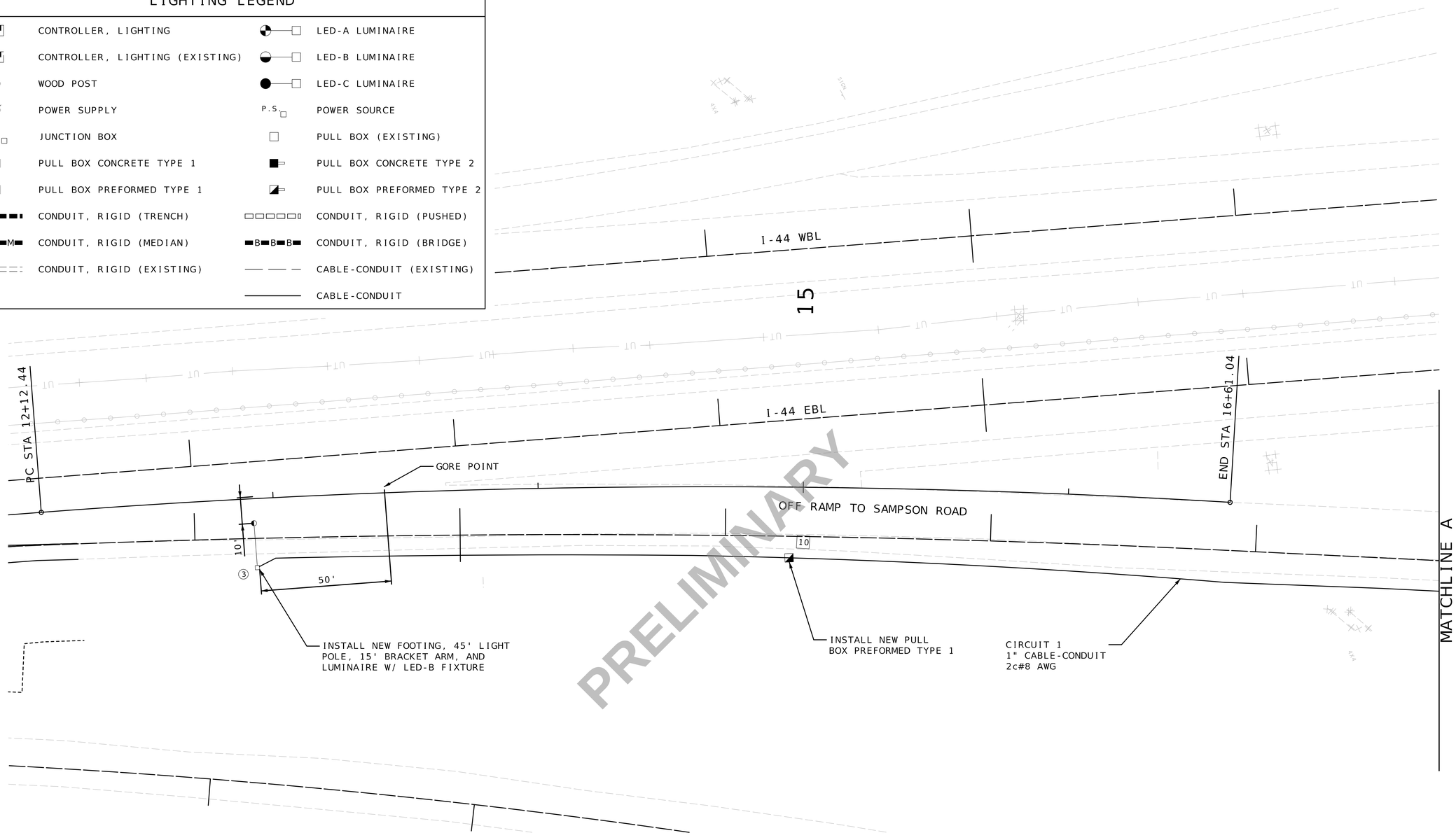
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PRELIMINARY

GENERAL NOTES (LIGHTING SHEETS)

1) WIRING UP 45' POLE SHALL BE AS FOLLOWS: 2-10 & 1-10G

SCALE
0 20 40 60

LIGHTING PLANS
SHEET 5 OF 11
SAMPSON RD DECEL LANE-1 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 107
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

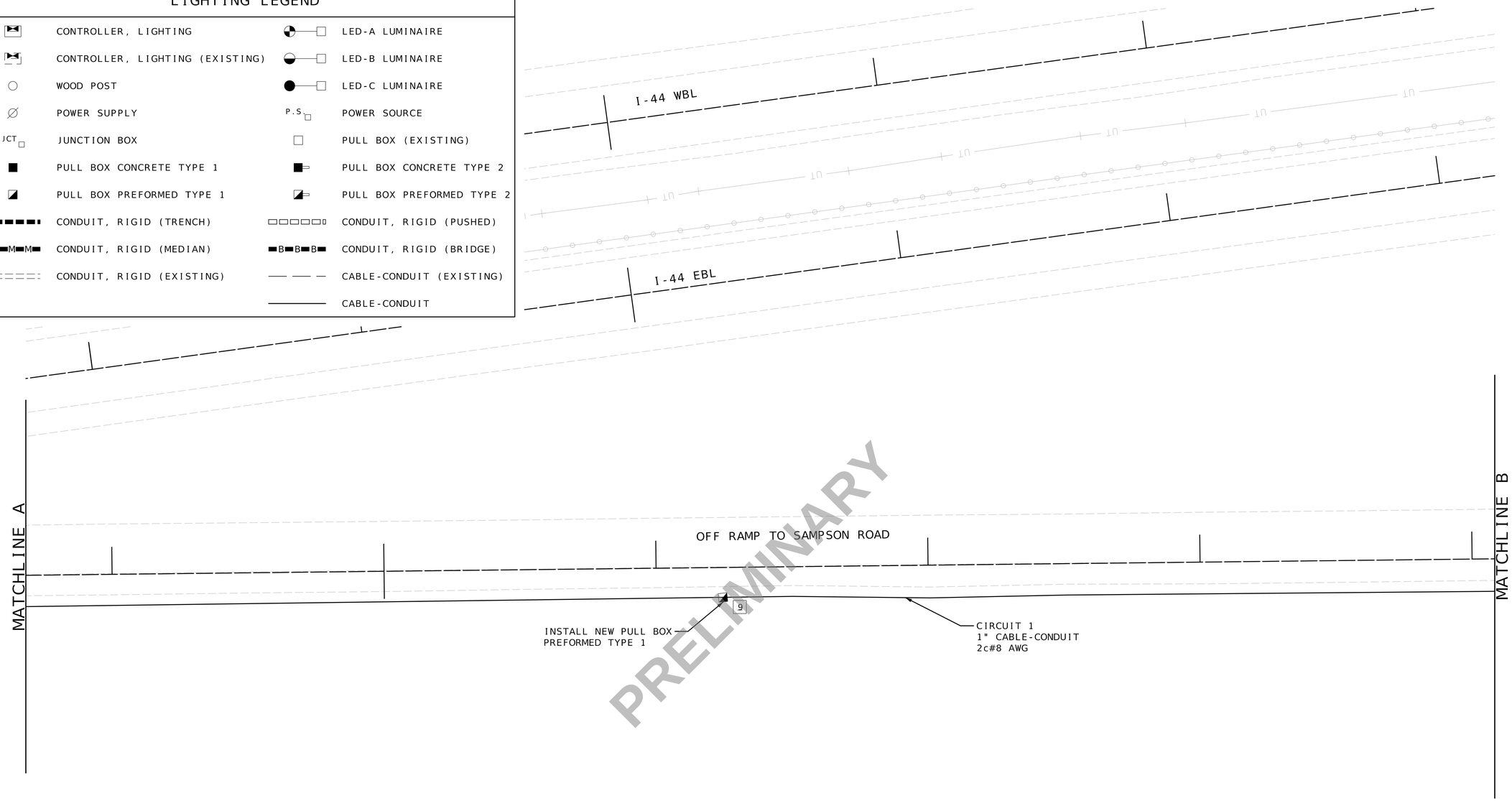
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PRELIMINARY

SCALE
0 20 40 60

LIGHTING PLANS
SHEET 6 OF 11
SAMPSON RD DECEL LANE-2 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 108
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

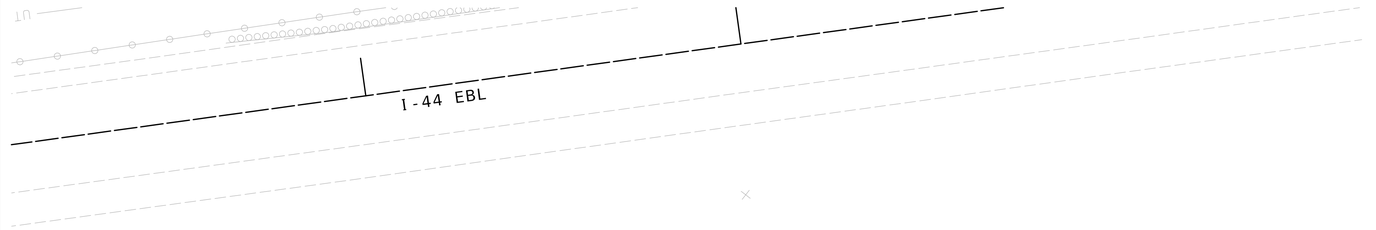
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

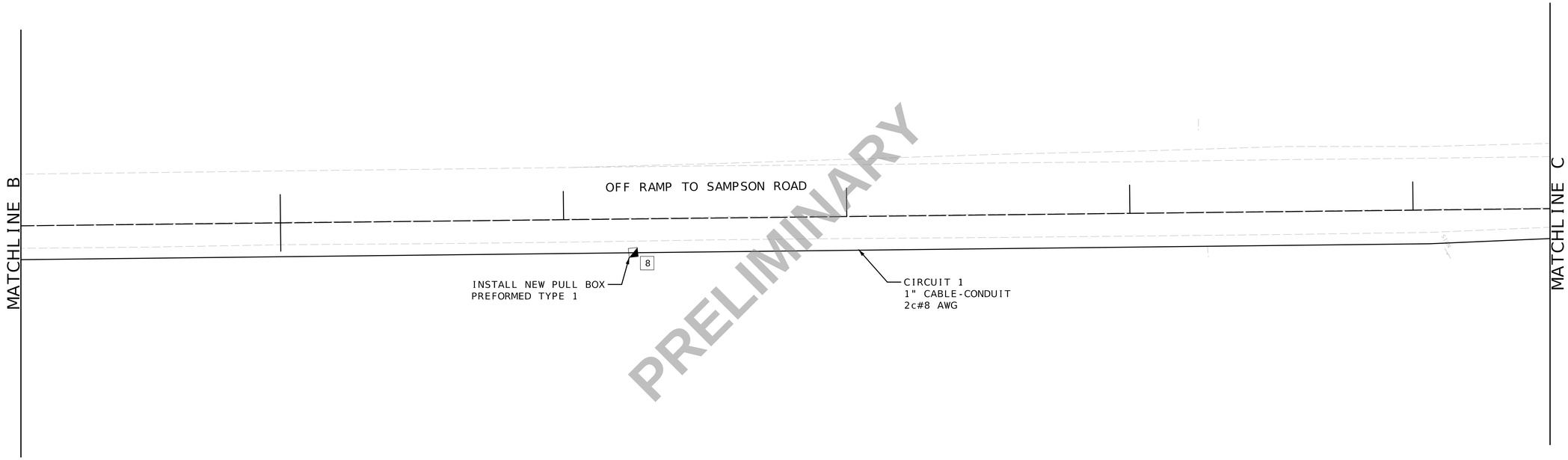
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

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





PRELIMINARY

SCALE
0 20 40 60

LIGHTING PLANS
SHEET 7 OF 11
SAMPSON RD DECEL LANE-3 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	109

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

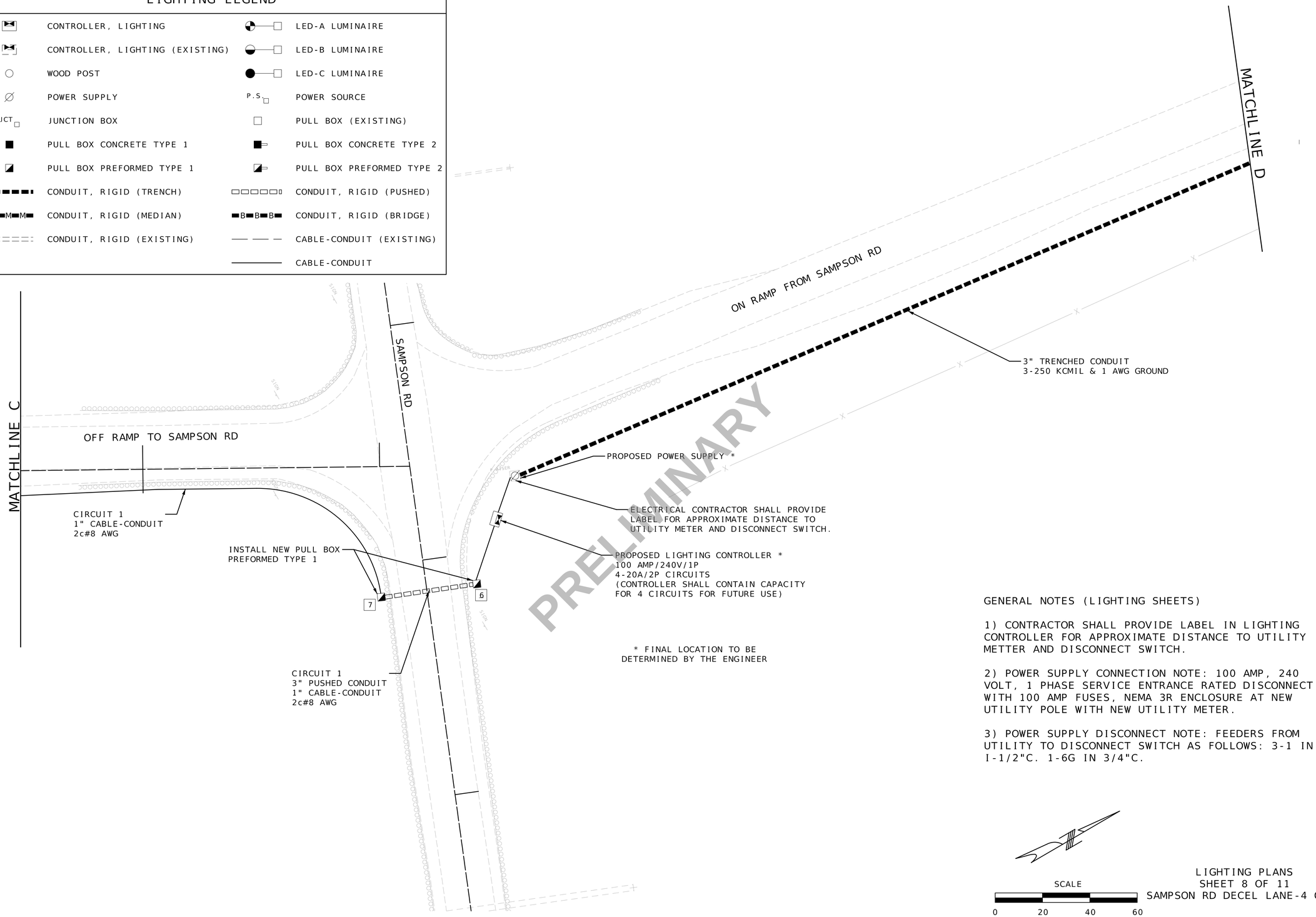
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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 (LIGHTING SHEETS)

1) CONTRACTOR SHALL PROVIDE LABEL IN LIGHTING CONTROLLER FOR APPROXIMATE DISTANCE TO UTILITY METTER AND DISCONNECT SWITCH.

2) POWER SUPPLY CONNECTION NOTE: 100 AMP, 240 VOLT, 1 PHASE SERVICE ENTRANCE RATED DISCONNECT WITH 100 AMP FUSES, NEMA 3R ENCLOSURE AT NEW UTILITY POLE WITH NEW UTILITY METER.

3) POWER SUPPLY DISCONNECT NOTE: FEEDERS FROM UTILITY TO DISCONNECT SWITCH AS FOLLOWS: 3-1 IN I-1/2"C. 1-6G IN 3/4"C.

SCALE
0 20 40 60

LIGHTING PLANS
SHEET 8 OF 11
SAMPSON RD DECEL LANE-4 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	110

COUNTY WEBSTER
JOB NO. J713010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

OFF RAMP TO SAMPSON ROAD

I-44 WBL

I-44 EBL

ON RAMP FROM SAMPSON RD

MATCHLINE D

3" TRENCHED CONDUIT
3-500 KCMIL & 4/0 AWG GROUND

3" TRENCHED CONDUIT
3-500 KCMIL & 4/0 AWG GROUND

PROVIDE A 100 AMP, 240 VOLT, 1 PHASE SERVICE ENTRANCE RATED DISCONNECT WITH 100 AMP FUSES, NEMA 3R ENCLOSURE AT EXISTING UTILITY POLE WITH NEW UTILITY METER.

PROVIDE FEEDERS FROM UTILITY TO DISCONNECT SWITCH AS FOLLOWS:
3-1 IN 1 1/2"C
1-6G IN 3/4

PRELIMINARY

SCALE
0 20 40 60

LIGHTING PLANS
SHEET 9 OF 11
SAMPSON RD DECEL LANE-5 OF 5

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 111
COUNTY WEBSTER
JOB NO. J7I3010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

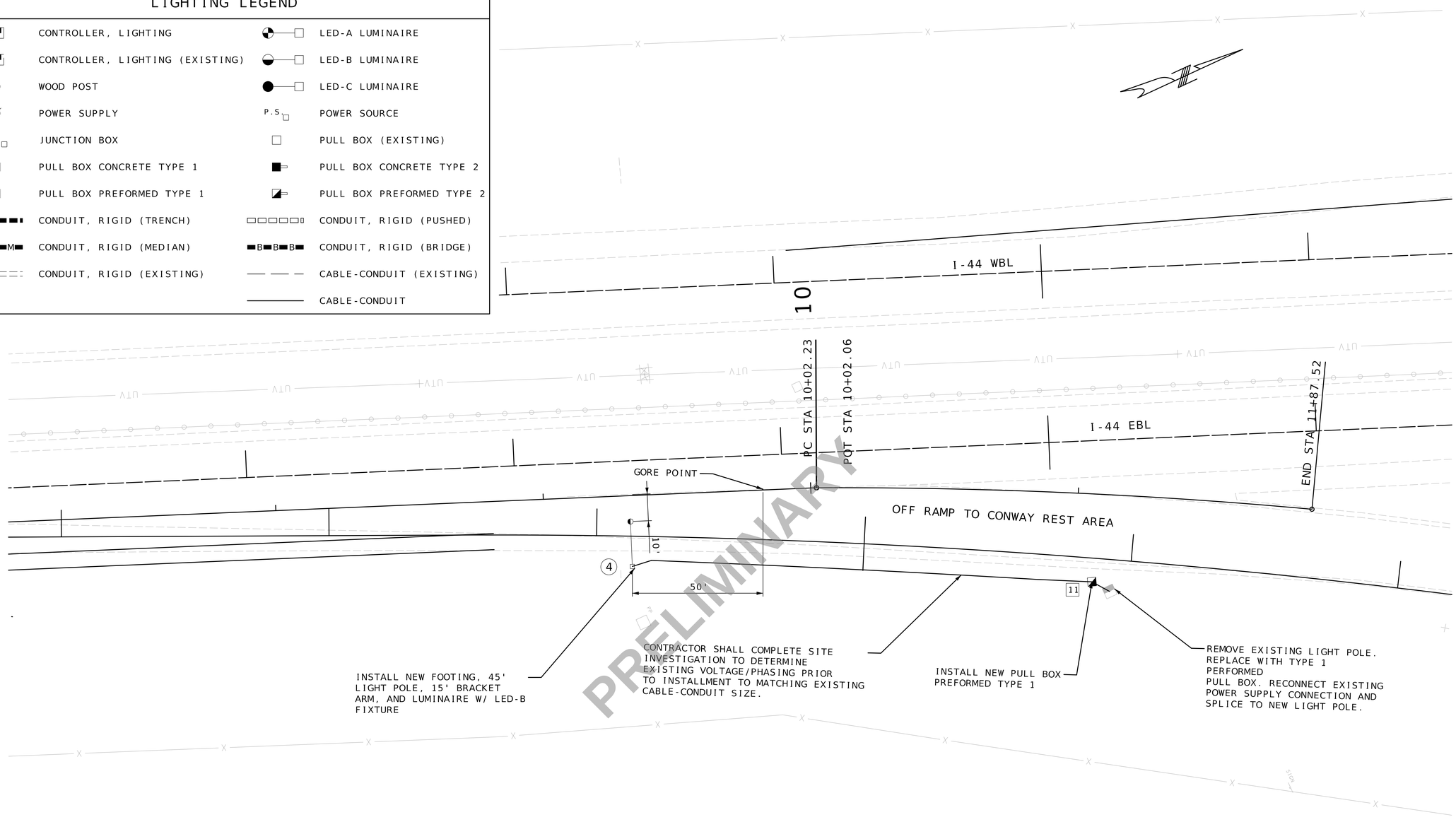
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

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



PRELIMINARY

GENERAL NOTES (LIGHTING SHEETS)

1) WIRING UP 45' POLE SHALL BE AS FOLLOWS: 2-10 & 1-10G

SCALE
0 20 40 60

LIGHTING PLANS
SHEET 10 OF 11
EB CONWAY DECEL LANE-1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	112

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

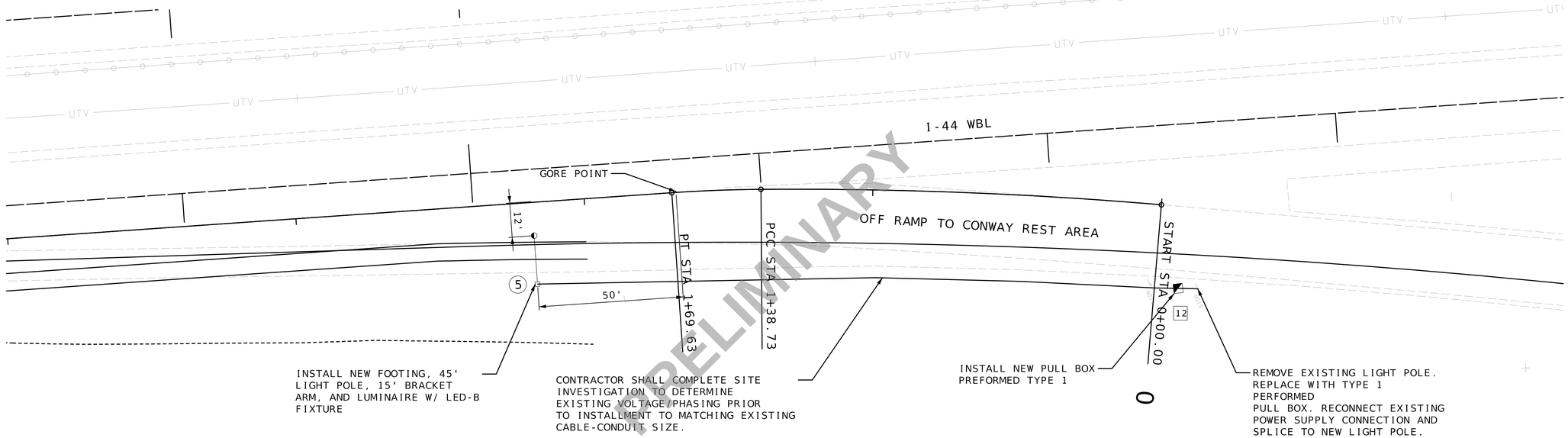
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PRELIMINARY

GENERAL NOTES (LIGHTING SHEETS)

1) WIRING UP 45' POLE SHALL BE AS FOLLOWS: 2-10 & 1-10G

SCALE 0 20 40 60

LIGHTING PLANS
SHEET 11 OF 11
WB CONWAY DECEL LANE-1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	113

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

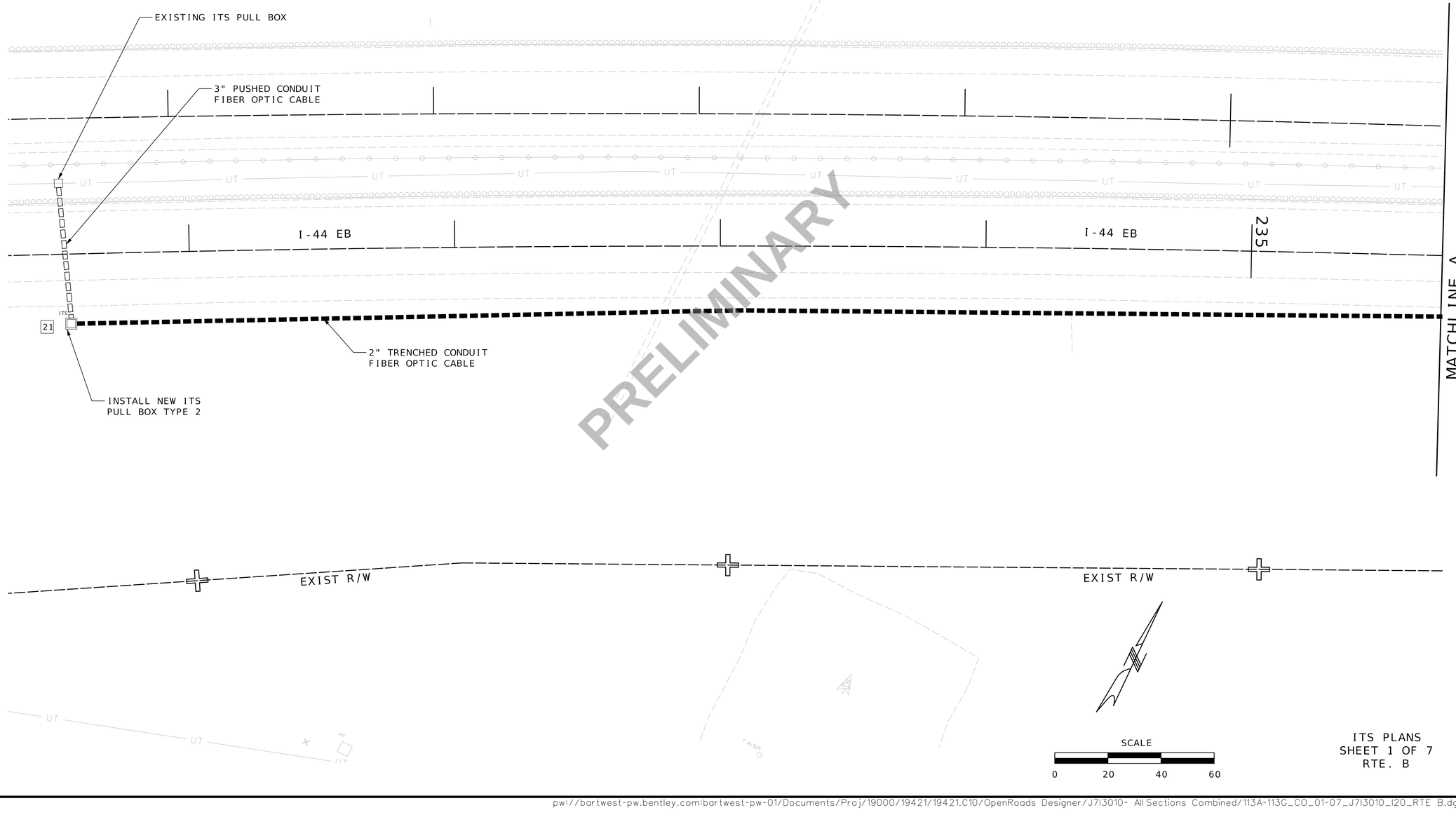
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

ITS LEGEND

	CONTROLLER, LIGHTING		PULL BOX (EXISTING)
	CONTROLLER, LIGHTING (EXISTING)		PULL BOX CONCRETE TYPE 2
	POST		PULL BOX PREFORMED TYPE 2
	POWER SUPPLY	ITS	ITS PULL BOX TYPE 2
P.S.	POWER SOURCE	ITS	ITS PULL BOX TYPE 5
	PULL BOX CONCRETE TYPE 1		CCTV CAMERA
	PULL BOX PREFORMED TYPE 1		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (EXISTING)



PRELIMINARY

ITS PLANS
SHEET 1 OF 7
RTE. B

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	113A

COUNTY: WEBSTER
JOB NO.: J7I3010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

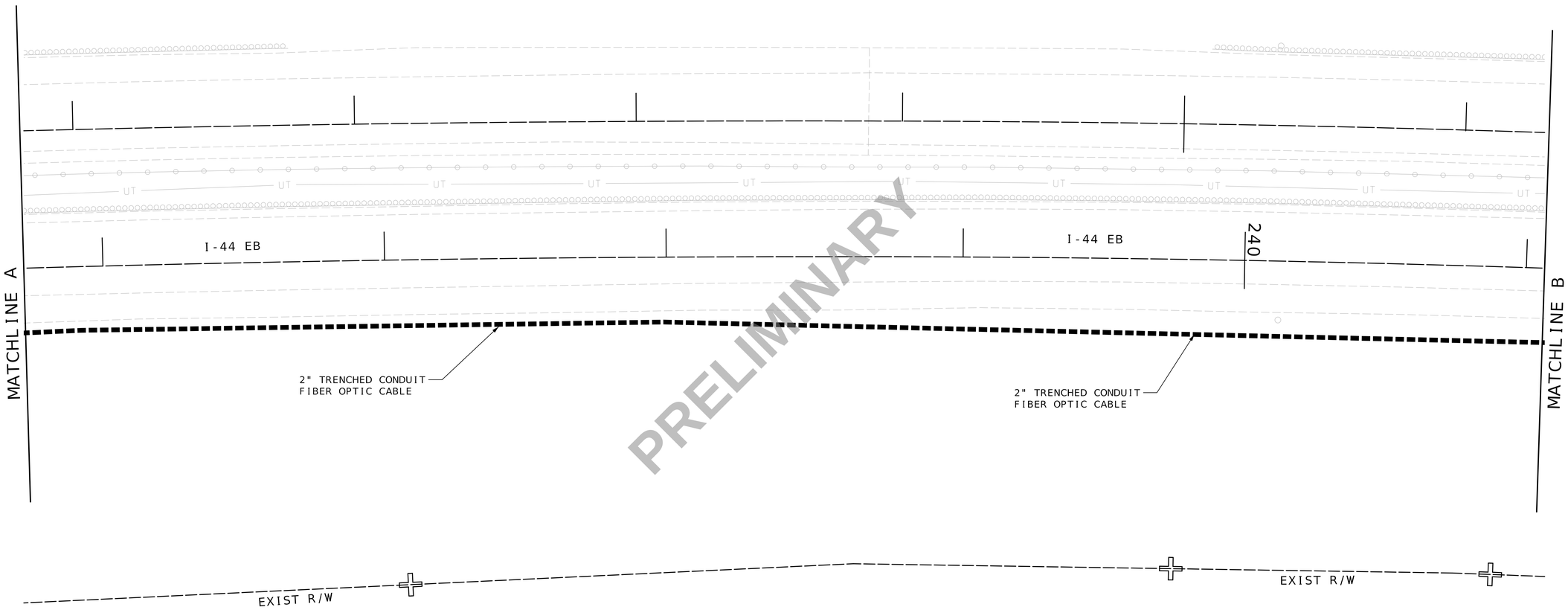
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

ITS LEGEND

	CONTROLLER, LIGHTING		PULL BOX (EXISTING)
	CONTROLLER, LIGHTING (EXISTING)		PULL BOX CONCRETE TYPE 2
	POST		PULL BOX PREFORMED TYPE 2
	POWER SUPPLY	ITS	ITS PULL BOX TYPE 2
P.S.	POWER SOURCE	ITS	ITS PULL BOX TYPE 5
	PULL BOX CONCRETE TYPE 1		CCTV CAMERA
	PULL BOX PREFORMED TYPE 1		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (EXISTING)



PRELIMINARY

SCALE
0 20 40 60

ITS PLANS
SHEET 2 OF 7
RTE. B

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	113B

COUNTY WEBSTER
JOB NO. J7I3010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

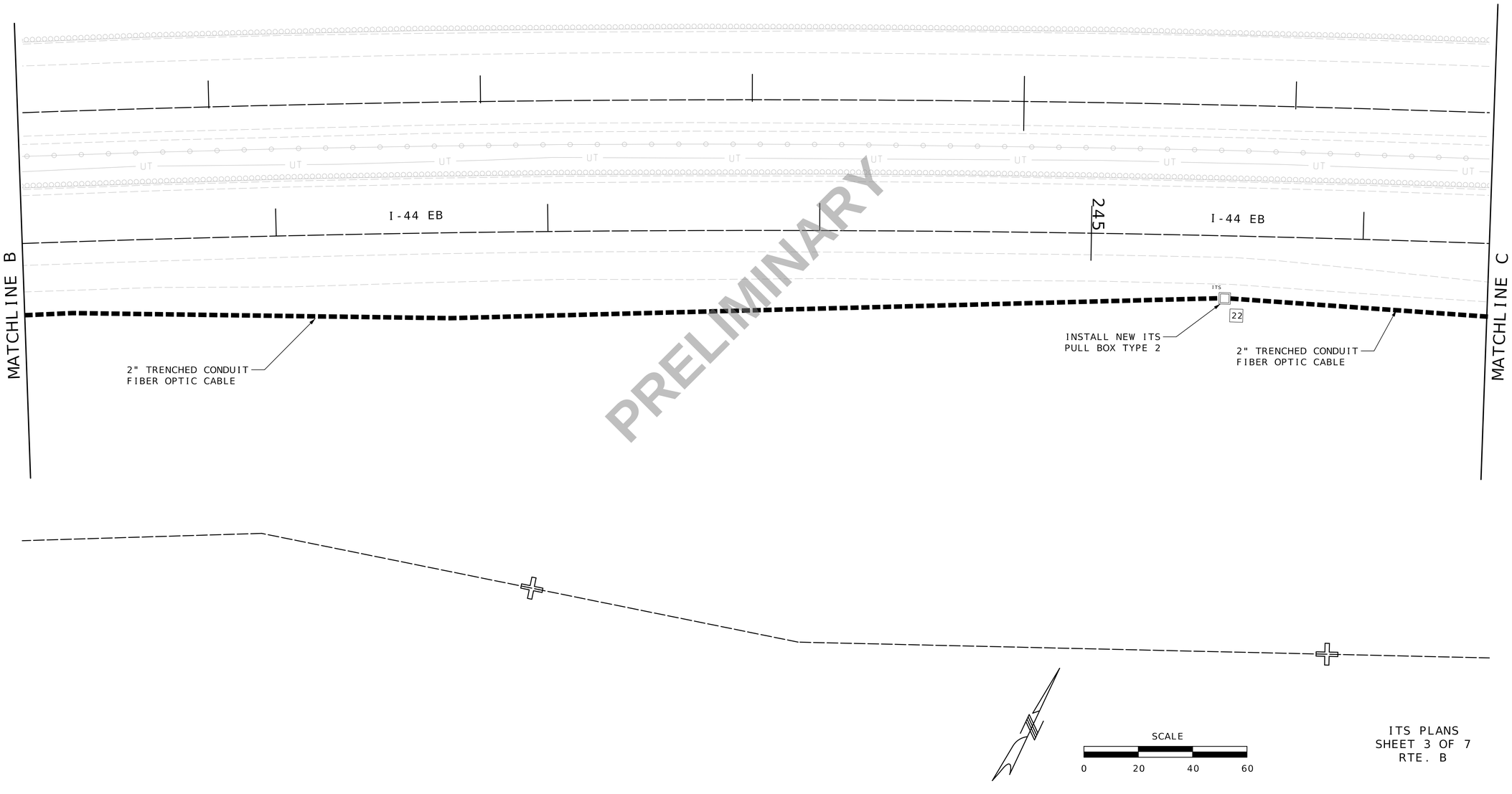
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ITS LEGEND

	CONTROLLER, LIGHTING		PULL BOX (EXISTING)
	CONTROLLER, LIGHTING (EXISTING)		PULL BOX CONCRETE TYPE 2
	POST		PULL BOX PREFORMED TYPE 2
	POWER SUPPLY	ITS	ITS PULL BOX TYPE 2
P.S.	POWER SOURCE	ITS	ITS PULL BOX TYPE 5
	PULL BOX CONCRETE TYPE 1		CCTV CAMERA
	PULL BOX PREFORMED TYPE 1		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (EXISTING)



ITS PLANS
SHEET 3 OF 7
RTE. B

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	113C

COUNTY: WEBSTER
JOB NO.: J7I3010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

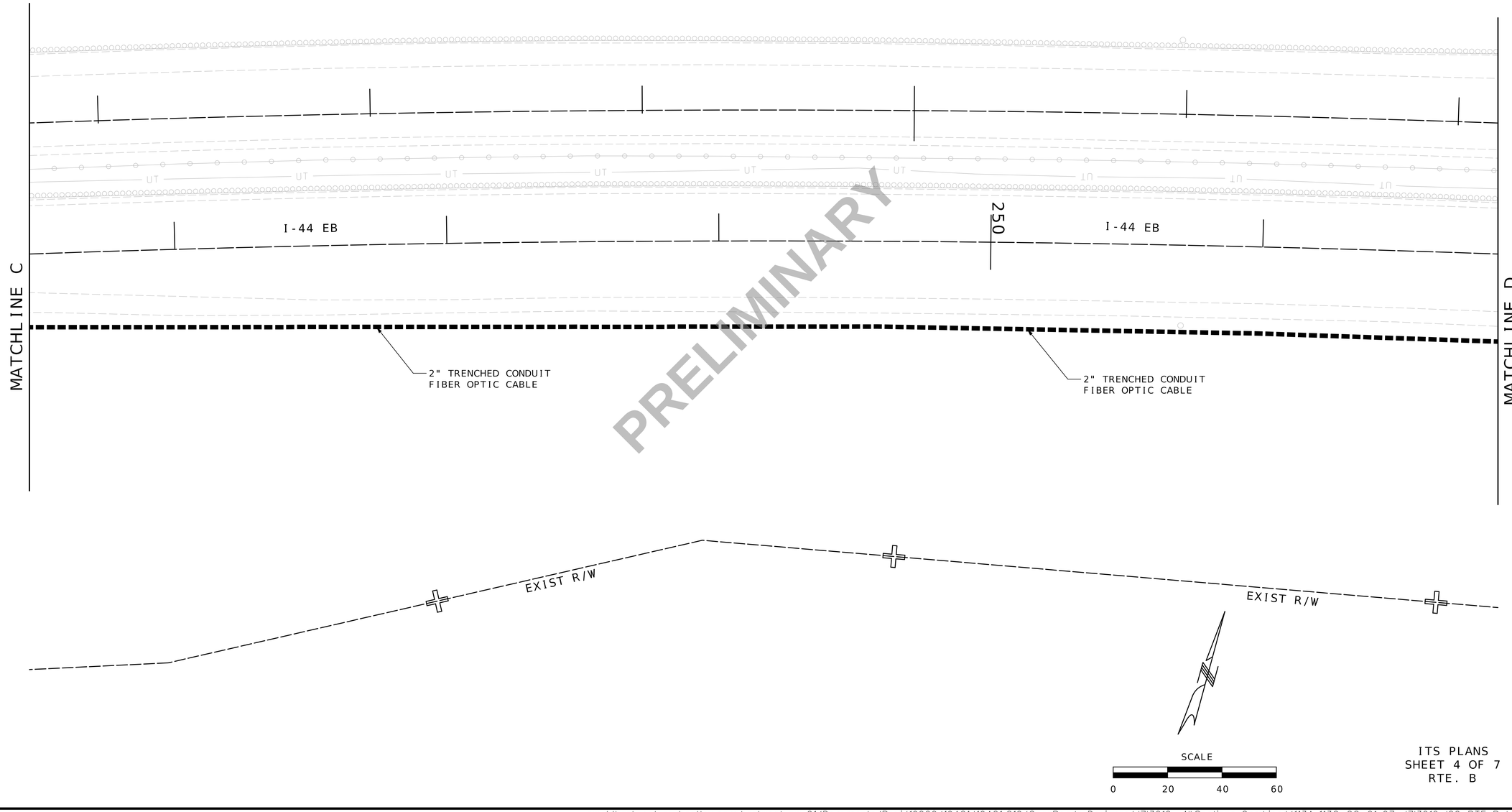
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ITS LEGEND

	CONTROLLER, LIGHTING		PULL BOX (EXISTING)
	CONTROLLER, LIGHTING (EXISTING)		PULL BOX CONCRETE TYPE 2
	POST		PULL BOX PREFORMED TYPE 2
	POWER SUPPLY	ITS	ITS PULL BOX TYPE 2
P.S.	POWER SOURCE	ITS	ITS PULL BOX TYPE 5
	PULL BOX CONCRETE TYPE 1		CCTV CAMERA
	PULL BOX PREFORMED TYPE 1		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (EXISTING)



PRELIMINARY

ITS PLANS
SHEET 4 OF 7
RTE. B

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	113D

COUNTY: WEBSTER
JOB NO.: J7I3010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

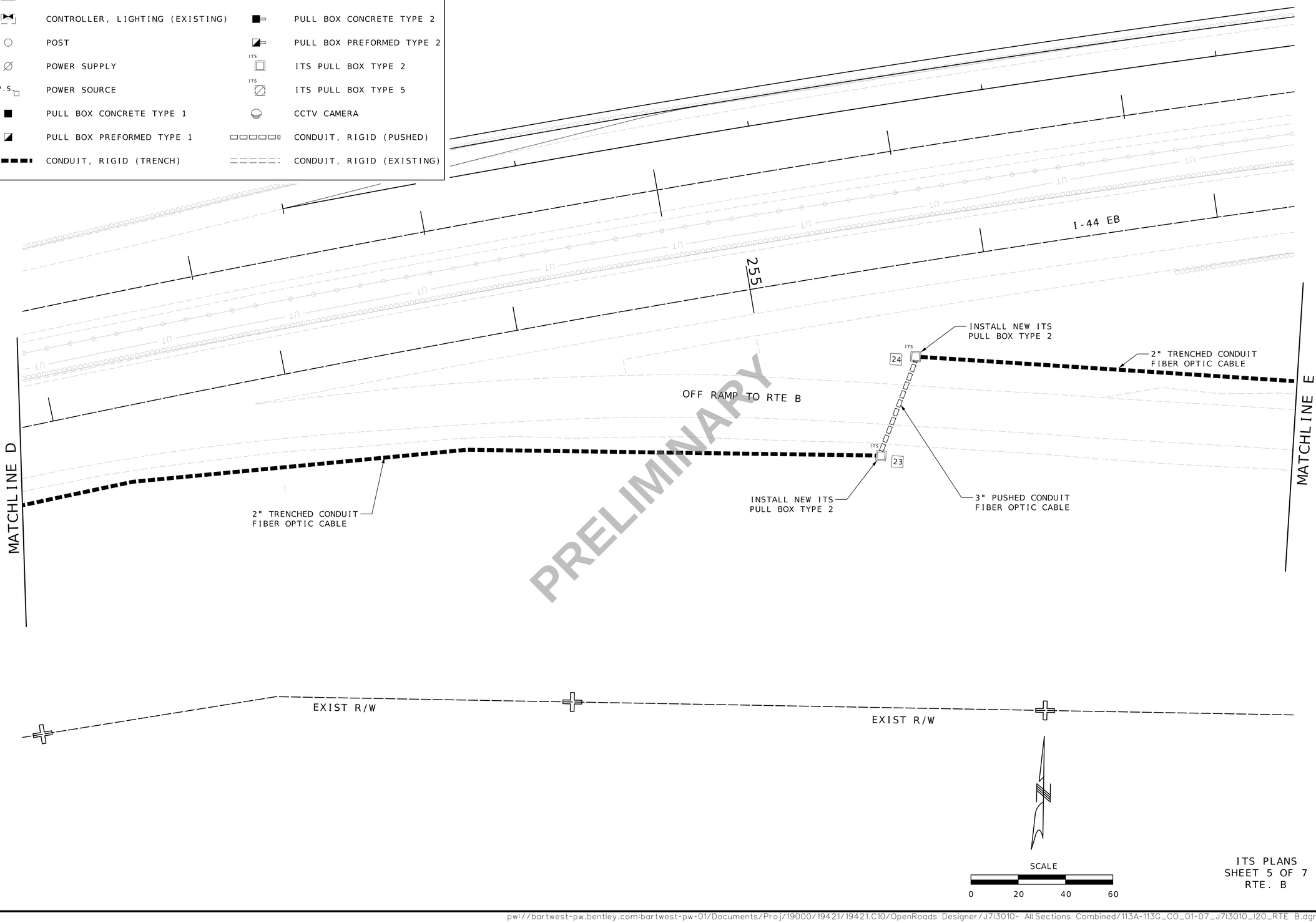
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

ITS LEGEND

	CONTROLLER, LIGHTING		PULL BOX (EXISTING)
	CONTROLLER, LIGHTING (EXISTING)		PULL BOX CONCRETE TYPE 2
	POST		PULL BOX PREFORMED TYPE 2
	POWER SUPPLY	ITS	ITS PULL BOX TYPE 2
P.S	POWER SOURCE	ITS	ITS PULL BOX TYPE 5
	PULL BOX CONCRETE TYPE 1		CCTV CAMERA
	PULL BOX PREFORMED TYPE 1		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (EXISTING)



ITS PLANS
SHEET 5 OF 7
RTE. B

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	113E

COUNTY
WEBSTER

JOB NO.
J7I3010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ITS LEGEND

	CONTROLLER, LIGHTING		PULL BOX (EXISTING)
	CONTROLLER, LIGHTING (EXISTING)		PULL BOX CONCRETE TYPE 2
	POST		PULL BOX PREFORMED TYPE 2
	POWER SUPPLY	ITS	ITS PULL BOX TYPE 2
P.S.	POWER SOURCE	ITS	ITS PULL BOX TYPE 5
	PULL BOX CONCRETE TYPE 1		CCTV CAMERA
	PULL BOX PREFORMED TYPE 1		CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (EXISTING)

260

MATCHLINE E

MATCHLINE F

2" TRENCHED CONDUIT
FIBER OPTIC CABLE

2" TRENCHED CONDUIT
FIBER OPTIC CABLE

OFF RAMP TO RTE B

EXIST R/W

EXIST R/W

PRELIMINARY

SCALE
0 20 40 60

ITS PLANS
SHEET 6 OF 7
RTE. B

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	113F

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

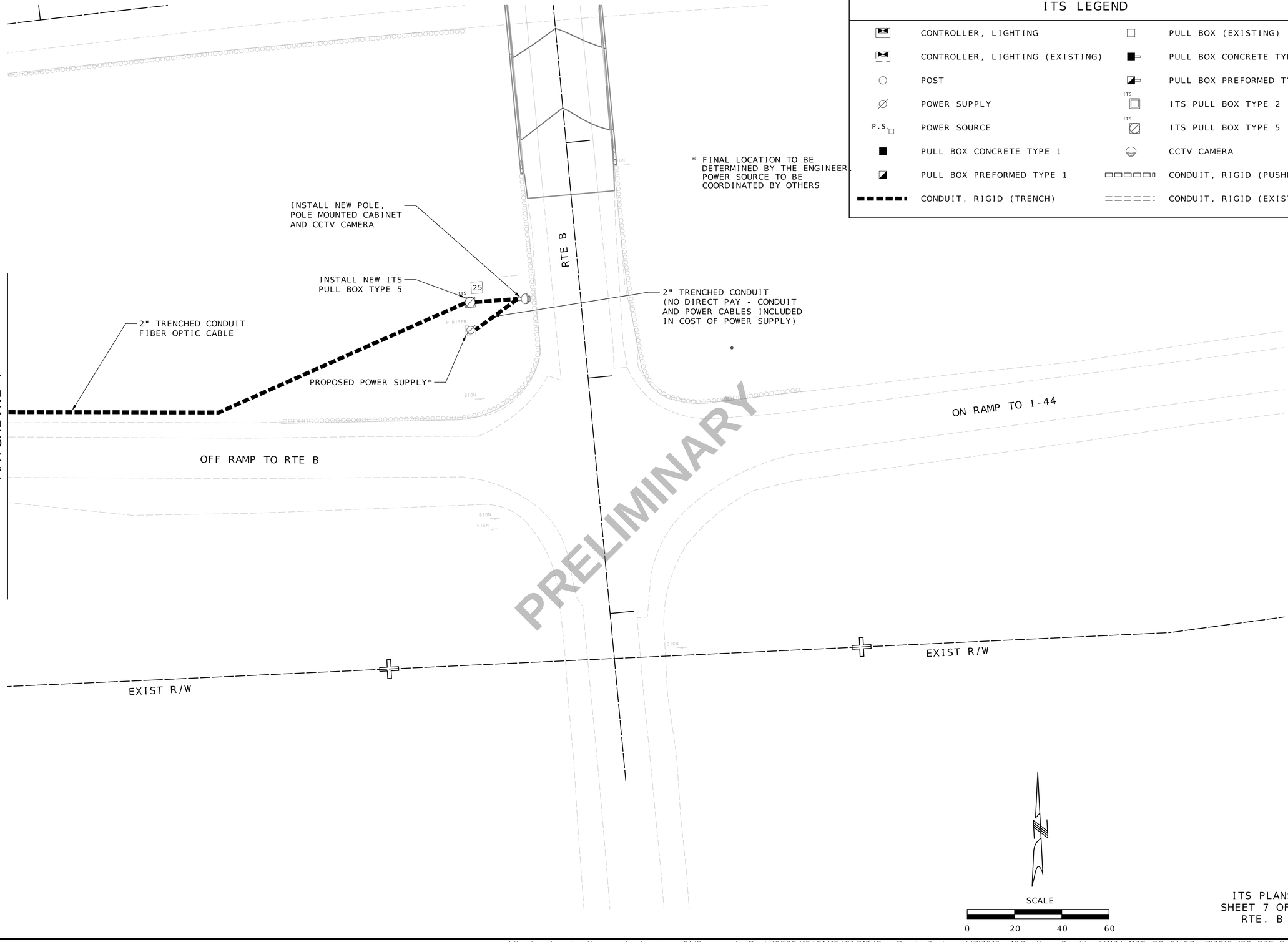
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



ITS PLANS
SHEET 7 OF 7
RTE. B

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	113G

COUNTY: WEBSTER
JOB NO.: J7I3010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

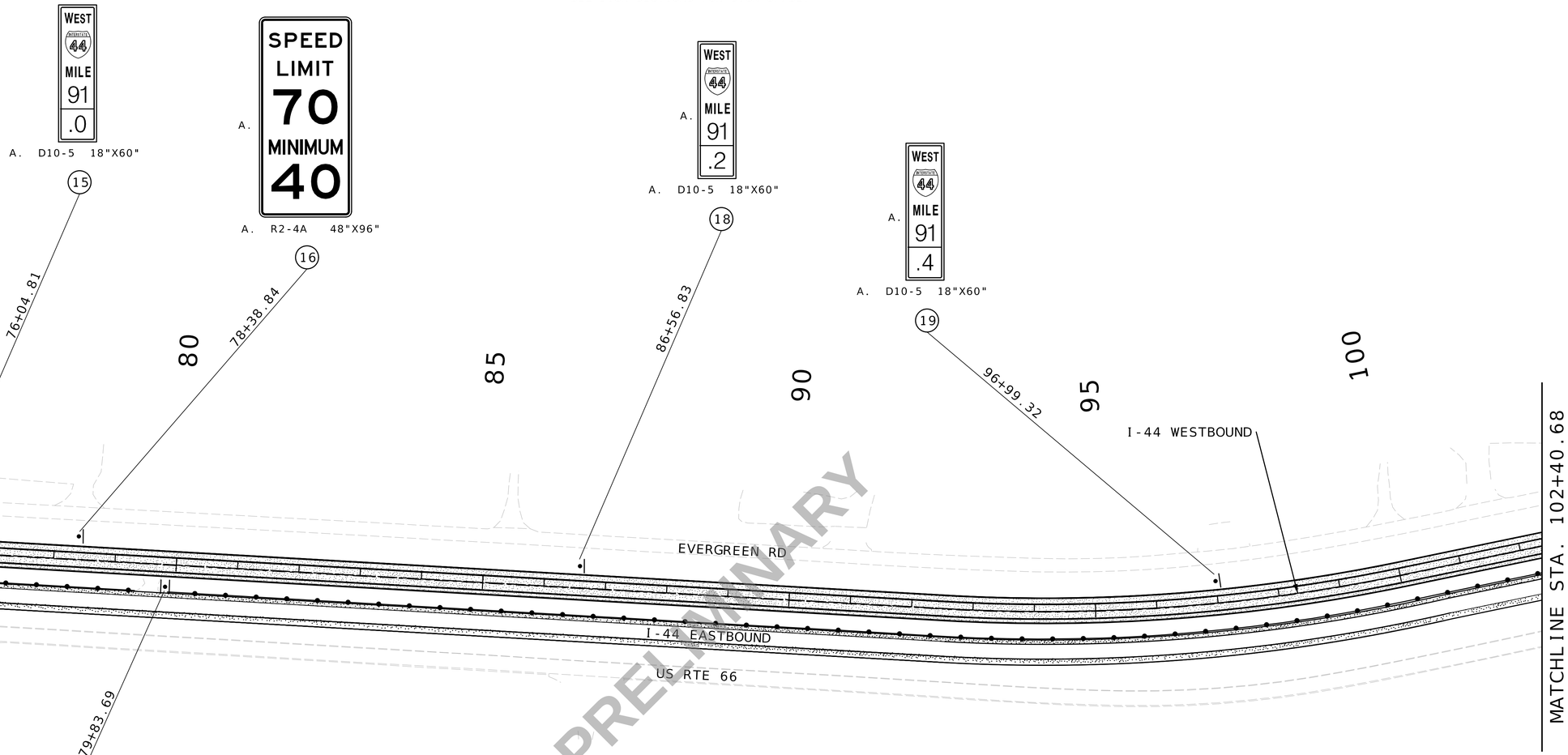
DESCRIPTION	DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET



PRELIMINARY

SIGNING SHEET
SHEET 1 OF 33
PAVEMENT REPLACEMENT- 1 OF 10

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 114
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

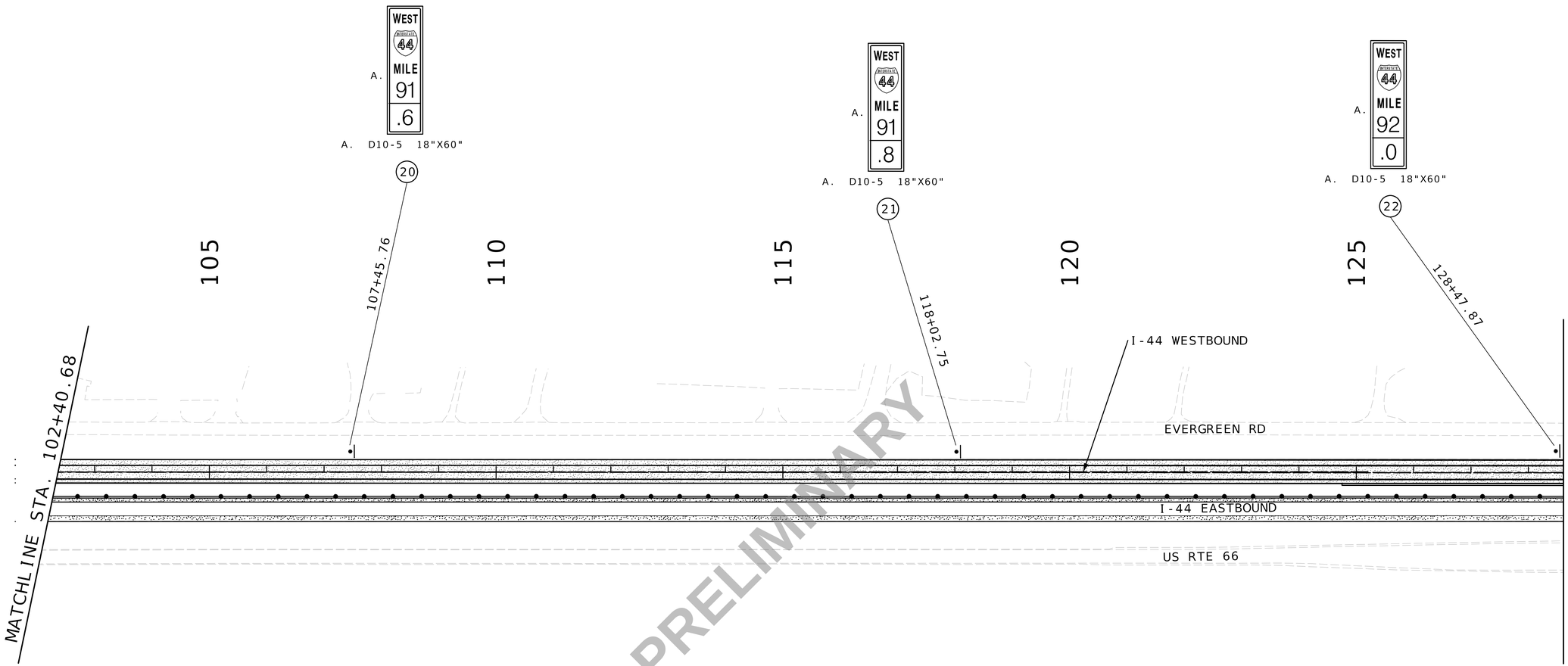
DESCRIPTION | DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET



PRELIMINARY

SCALE

0 100 200 300 400 500

SIGNING SHEET
SHEET 2 OF 33
PAVEMENT REPLACEMENT- 2 OF 10

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	115

COUNTY WEBSTER

JOB NO. J7I3010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

RELOCATE SIGN
HANDLED BY THE CITY OF STRAFFORD

SEE SIGN SECTIONS FOR SIGN OFFSET

A. LOGO
Purple Heart City
A. GEN. INFO UNKNOWN

Strafford
CITY LIMIT
2016, 2017, 2018, 2019 & 2020 Class 3 Girls State Basketball Champions
2017 & 2018 Spring Girls State Softball Champions

A. WEST 44 MILE 92 .2
A. D10-5 18"X60"

A. WEST 44 MILE 92 .4
A. D10-5 18"X60"

130 135 140 145 150 155

MATCHLINE STA. 128+65.68

23 131+45.90

24 131+45.90

25 139+12.66

26 149+57.00

MATCHLINE STA. 154+90.00

I-44 WESTBOUND

EVERGREEN RD

I-44 EASTBOUND

US RTE 66

PRELIMINARY

SCALE
0 100 200 300 400 500

SIGNING SHEET
SHEET 3 OF 33
PAVEMENT REPLACEMENT- 3 OF 10

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 116
COUNTY WEBSTER
JOB NO. J7I3010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

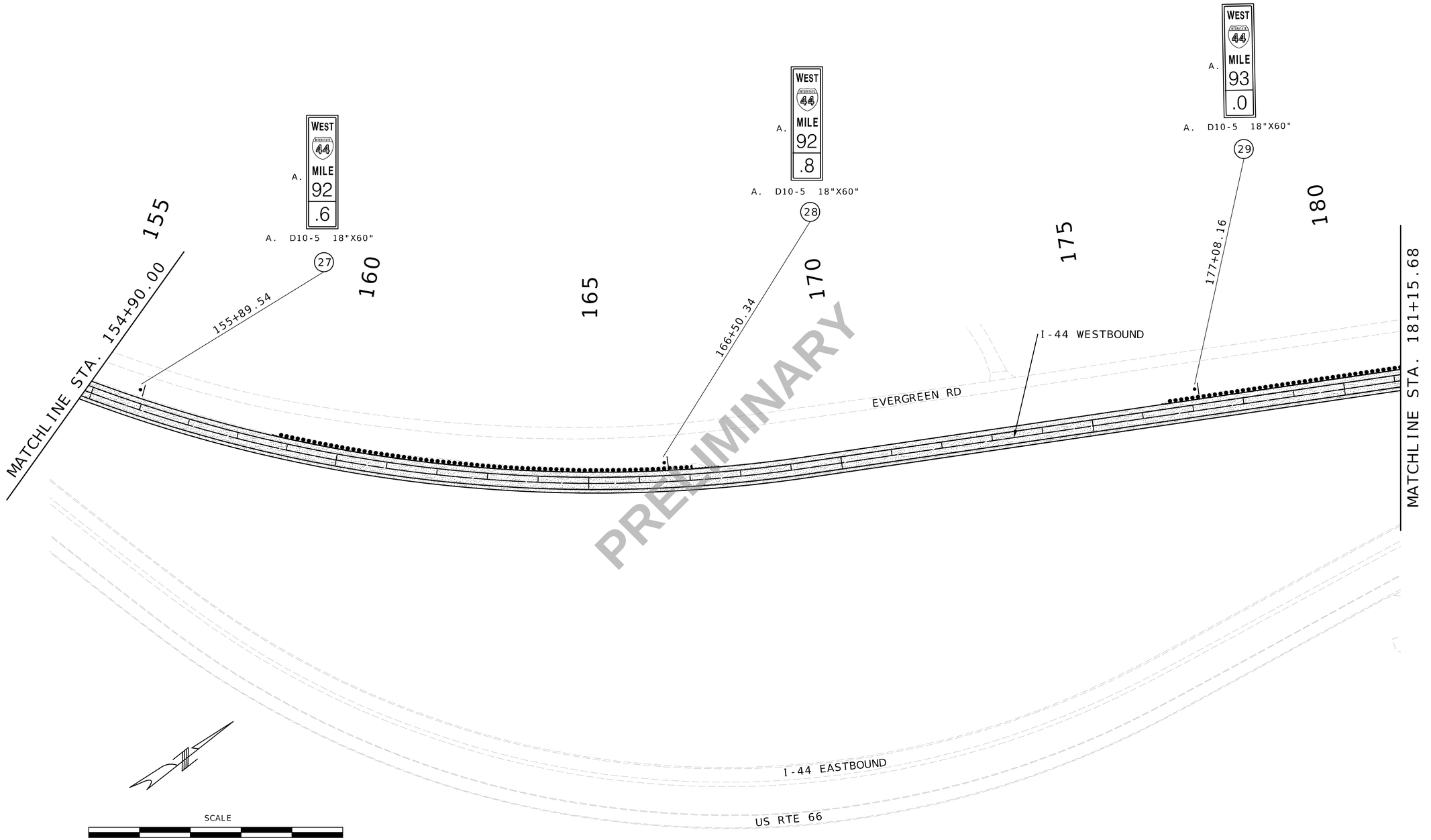
DESCRIPTION | DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET



PRELIMINARY

SIGNING SHEET
SHEET 4 OF 33
PAVEMENT REPLACEMENT- 4 OF 10

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 117
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

SEE SIGN SECTIONS FOR SIGN OFFSET

A. WEST 44 MILE 93 .2

A. D10-5 18"X60"

30

187+65.05

A. WEST 44 MILE 93 .4

A. D10-5 18"X60"

31

198+58.24

185 190 195 200 205

MATCHLINE STA. 181+15.68

I-44 WESTBOUND

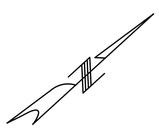
EVERGREEN RD

I-44 EASTBOUND

US RTE 66

MATCHLINE STA. 207+40.68

PRELIMINARY



SCALE

0 100 200 300 400 500

SIGNING SHEET
SHEET 5 OF 33
PAVEMENT REPLACEMENT- 5 OF 10

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE I-44 | STATE MO

DISTRICT SW | SHEET NO. 118

COUNTY WEBSTER

JOB NO. J7I3010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

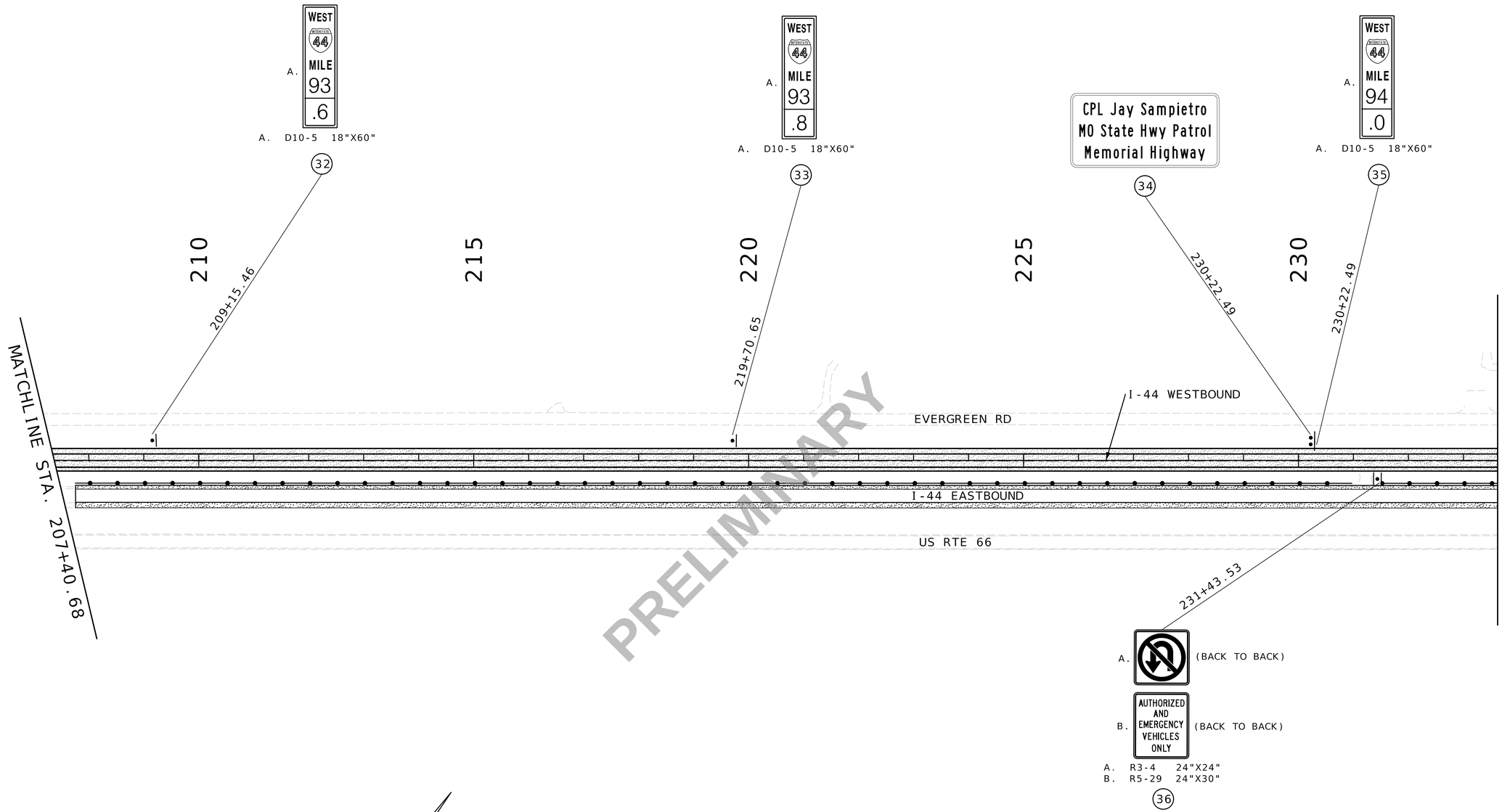
DESCRIPTION	DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET



PRELIMINARY

SCALE

0 100 200 300 400 500

SIGNING SHEET
SHEET 6 OF 33
PAVEMENT REPLACEMENT- 6 OF 10

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 119
COUNTY WEBSTER
JOB NO. J7I3010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

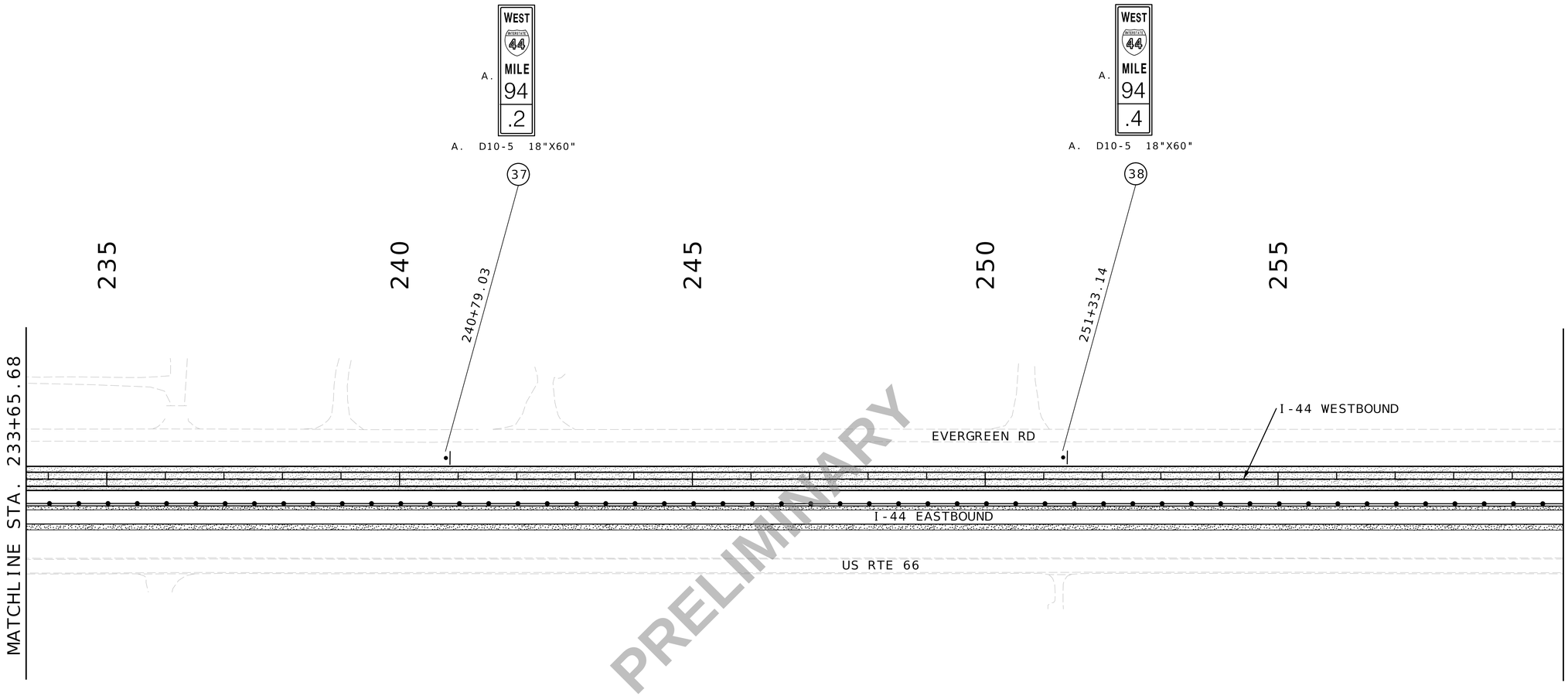
DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

SEE SIGN SECTIONS FOR SIGN OFFSET



PRELIMINARY

SCALE

0 100 200 300 400 500

SIGNING SHEET
SHEET 7 OF 33
PAVEMENT REPLACEMENT- 7 OF 10

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	120

COUNTY WEBSTER

JOB NO. J7I3010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

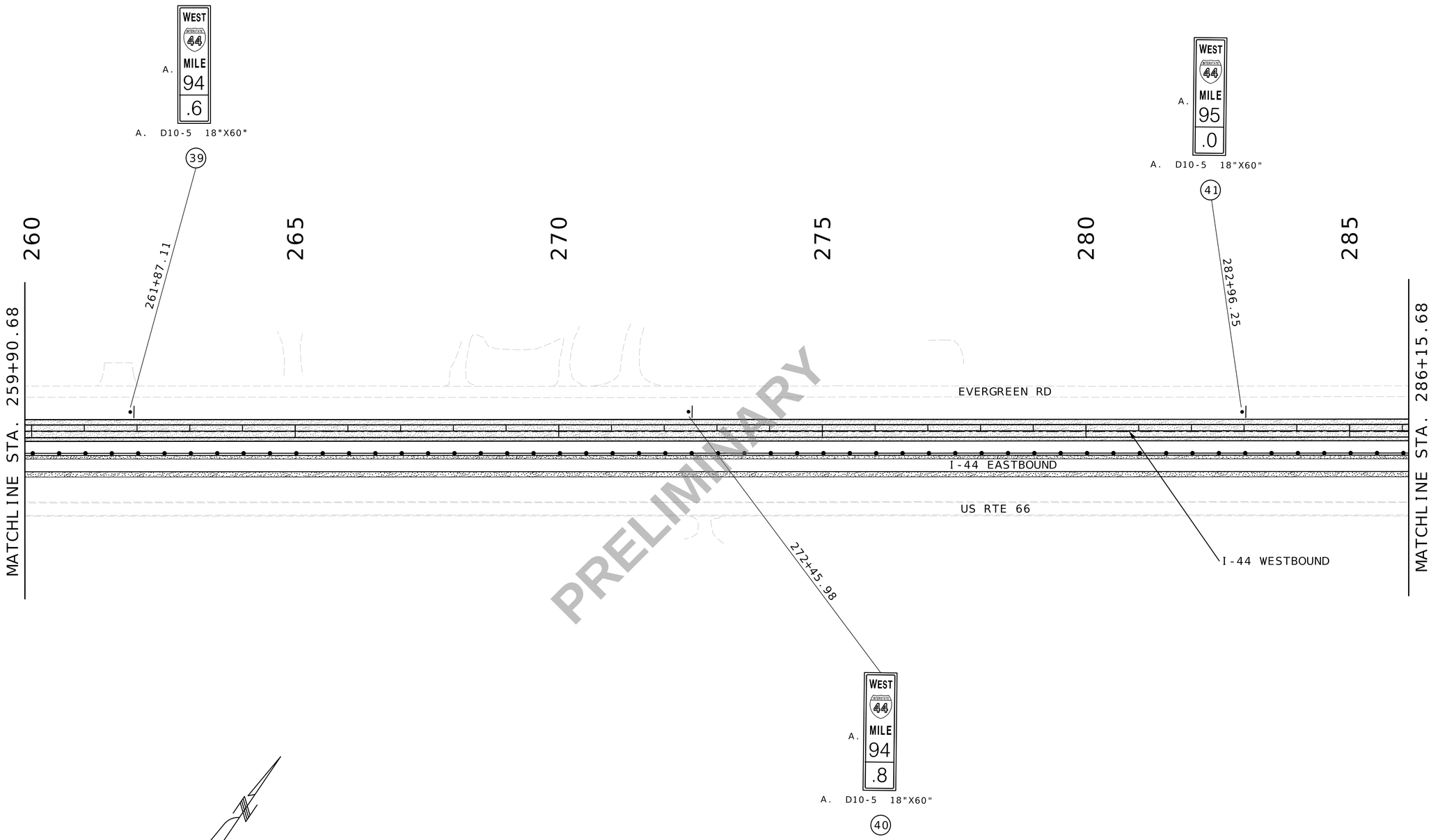
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

SEE SIGN SECTIONS FOR SIGN OFFSET



PRELIMINARY

SIGNING SHEET
SHEET 8 OF 33
PAVEMENT REPLACEMENT- 8 OF 10

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	121

COUNTY: WEBSTER
JOB NO.: J7I3010
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)

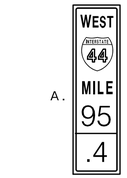
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET



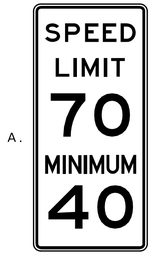
A. D10-5 18"X60"

42



A. D10-5 18"X60"

44



A. R2-4A 48"X96"

45

290 295 300 305 310

293+48.74

304+11.75

306+43.79

℄ I-44 WESTBOUND

EVERGREEN RD

I-44 EASTBOUND

US RTE 66

MATCHLINE STA. 286+15.68

MATCHLINE STA. 312+40.00

296+42.78

Strafford	6
Springfield	17
Joplin	86

43

PRELIMINARY

SCALE

0 100 200 300 400 500

SIGNING SHEET
SHEET 9 OF 33
PAVEMENT REPLACEMENT- 9 OF 10

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	122

COUNTY WEBSTER

JOB NO. J7I3010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

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

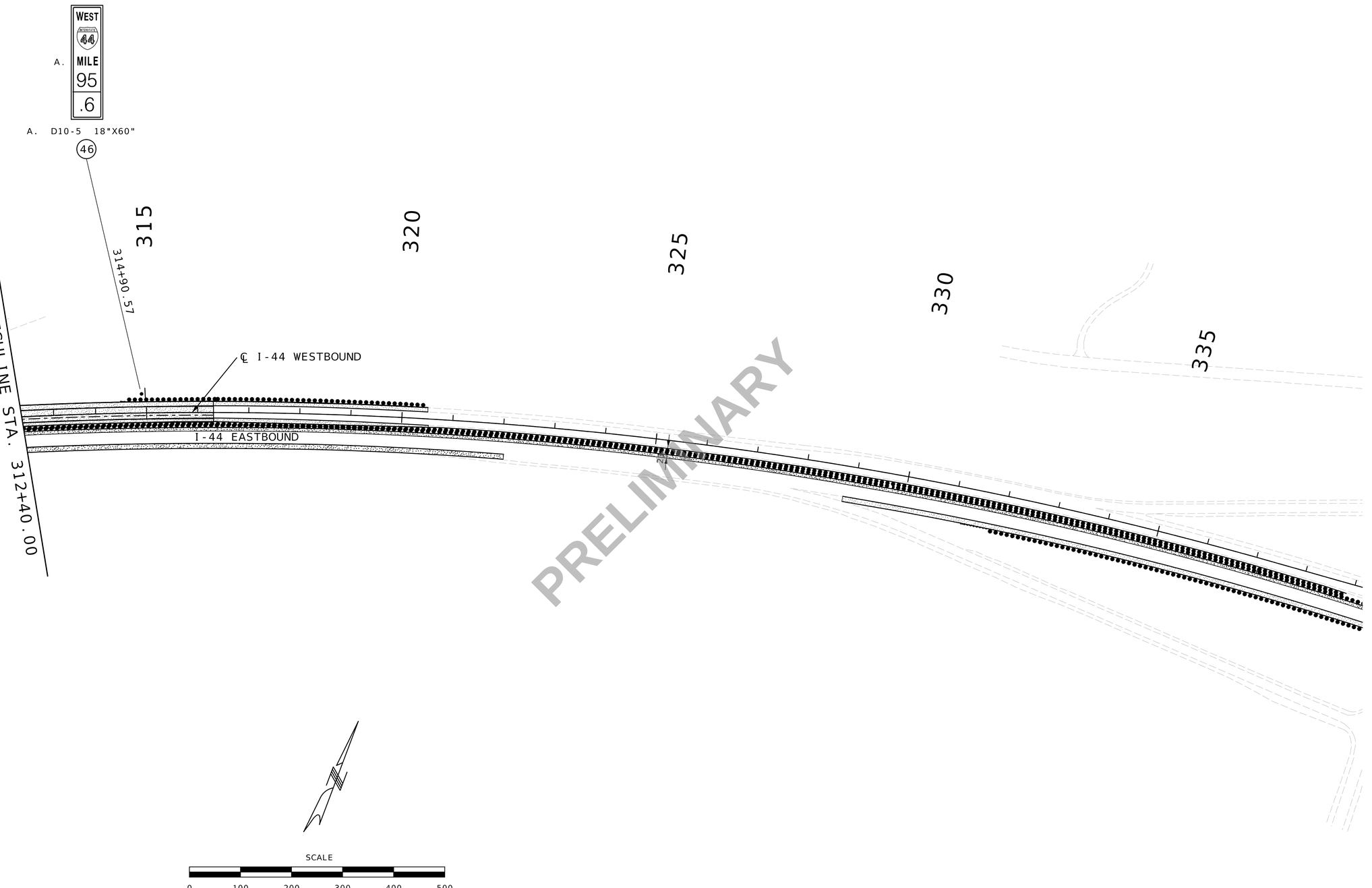
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET



SIGNING SHEET
SHEET 10 OF 33
PAVEMENT REPLACEMENT- 10 OF 10

Preliminary Plans - NOT FOR CONSTRUCTION

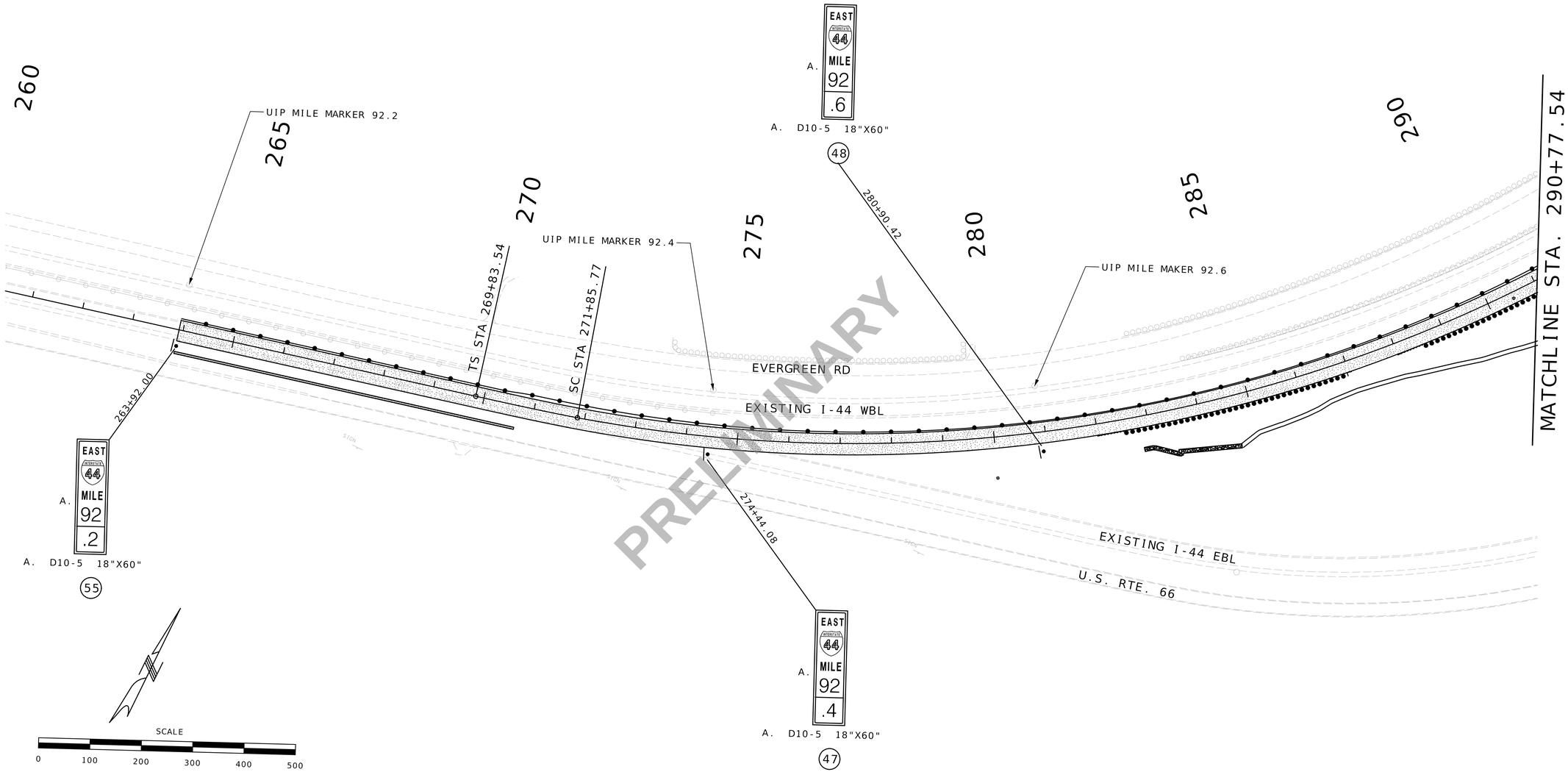
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 123
COUNTY WEBSTER
JOB NO. J7I3010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

SIGNING SHEET
SHEET 11 OF 33
CURVE REALIGNMENT- 1 OF 3

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	124

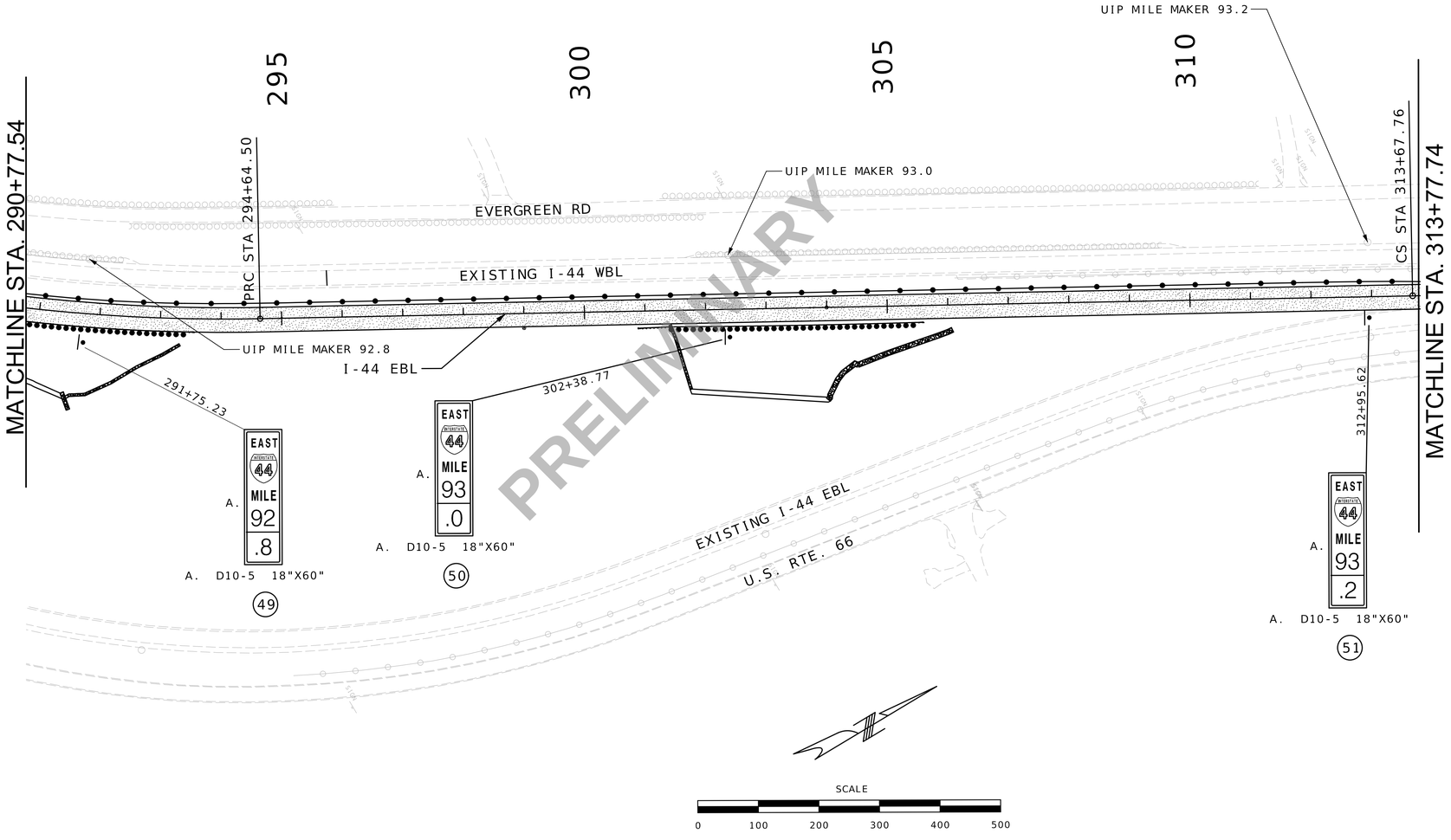
COUNTY: WEBSTER
JOB NO.: J7I3010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SIGNING SHEET
SHEET 12 OF 33
CURVE REALIGNMENT- 2 OF 3

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	125

COUNTY WEBSTER

JOB NO. J7I3010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

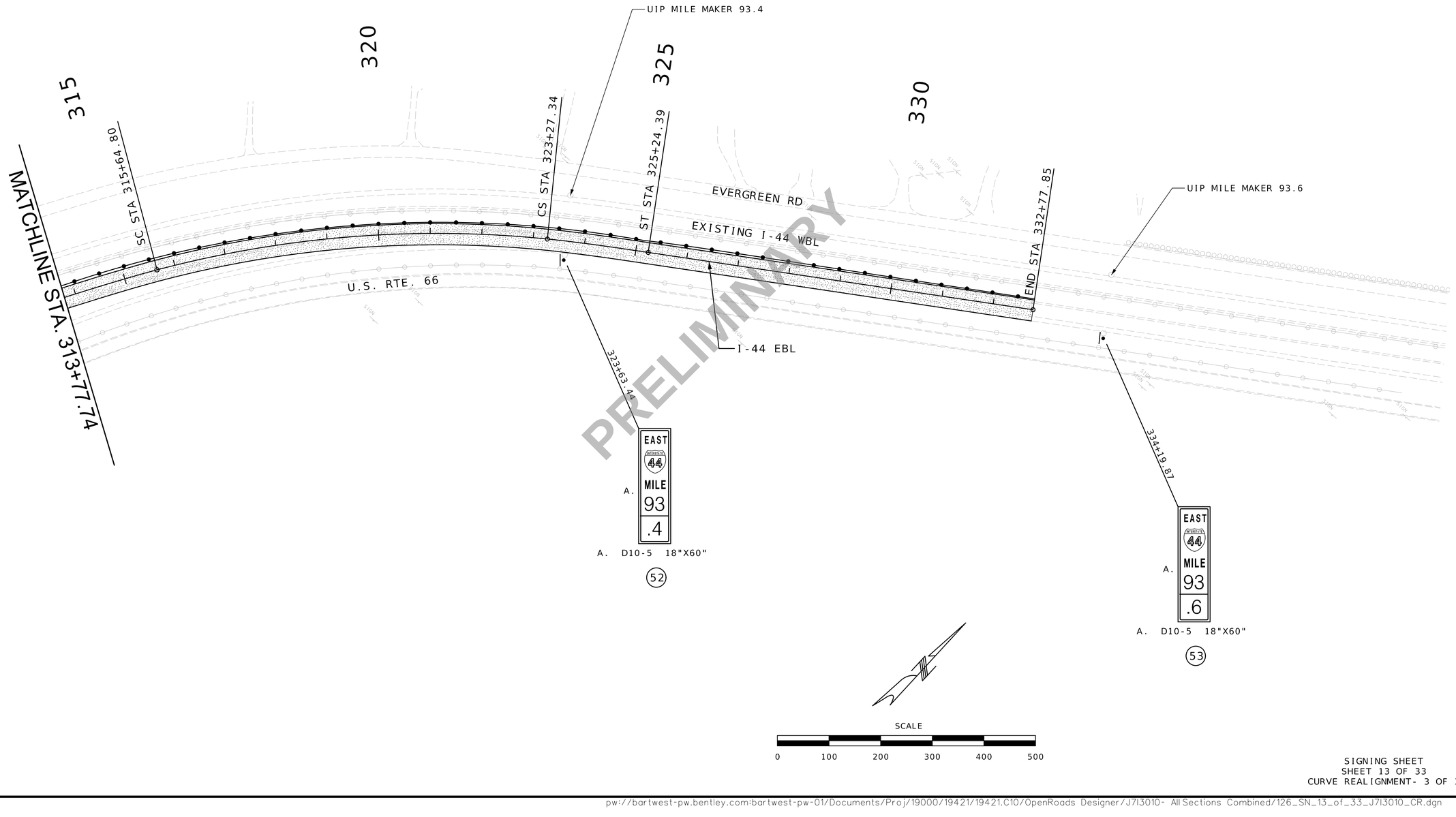
DATE	DESCRIPTION

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

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

SIGNING SHEET
SHEET 13 OF 33
CURVE REALIGNMENT- 3 OF 3

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	126

COUNTY: WEBSTER
JOB NO.: J7I3010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

EFFECTIVE 07-01-2022

SIGNS (902 SIGNAL SIGNS TABULATED ON D-37A SHEET)						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS *						PIPE POSTS *					BACKING BARS **				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE													REMARKS AND OTHER REQUIRED ITEMS
																							2 IN. POST						2.5 IN. POST						BREAK-AWAY ASSEMBLY	
																										ANCHORS					ANCHORS					
SIGN NO.	SIGN SIZE	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.	ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	NO. EACH	2" X ▯" BARS @ 2.55 LBS PER FT LGTH IN.	TOTAL LF	TOTAL LBS	ITEM NO. 9031250A	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031270A	DRIVEN 12-GA. ITEM NO. 9031271A	DRIVEN 7-GA. ITEM NO. 9031273A	CONCRETE 7-GA. ITEM NO. 9031274	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7-GA. ITEM NO. 9031281A	CONCRETE 7-GA. ITEM NO. 9031285	ITEM NO. 9031241	
						CY		LF	LF	LF		LBS	IN.	LF	LF		LBS		IN.	LF	LBS	LF	LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA	
15	18X60	76+00.46		LEFT																			16		16			1								
16	48X96	78+38.36		LEFT		0.36							4	21.50		10.79	232																			
17	VARIES	79+82.50		RIGHT		0.13							2.5	17.00		5.79	98																			
18	18X60	86+55.91		LEFT																			16		16			1								
19	18X60	96+96.82		LEFT																			16		16			1								
20	18X60	107+49.64		LEFT																			16		16			1								
21	18X60	118+06.73		LEFT																			16		16			1								
22	18X60	128+59.87		LEFT																			16		16			1								
23	24X32	131+49.51		LEFT																			16		16	1										
24	72X66	131+50.09		LEFT		0.32	1	18.00	17.25		9.0	317																								
25	18X60	139+17.27		LEFT																			16		16			1								
26	18X60	149+61.09		LEFT																			16		16			1								
27	18X60	155+93.44		LEFT																			16		16			1								
28	18X60	166+54.32		LEFT																			16		16			1								
29	18X60	177+11.59		LEFT																			16		16			1								
30	18X60	187+68.04		LEFT																			16		16			1								
31	18X60	198+61.39		LEFT																			16		16			1								
32	18X60	209+19.63		LEFT																			16		16			1								
33	18X60	219+75.07		LEFT																			16		16			1								
34	60X36	230+24.26		LEFT		0.32	1	15.5	15.00		9.0	275																								
35	18X60	230+26.83		LEFT																			16		16			1								
36	VARIES	231+46.72		RIGHT		0.13							2.5	16.00		5.79	93																			
37	18X60	240+82.52		LEFT																			16		16			1								
38	18X60	251+36.81		LEFT																			16		16			1								
39	18X60	261+90.83		LEFT																			16		16			1								
40	18X60	272+50.26		LEFT																			16		16			1								
41	18X60	283+00.05		LEFT																			16		16			1								
42	18X60	293+51.87		LEFT																			16		16			1								
43	108X60	296+46.75		LEFT		0.32	1	18.25	17.00		9.0	317																								
44	18X60	304+15.83		LEFT																			16		16			1								
45	48X96	306+46.95		LEFT		0.36							4	20.75		10.79	224																			
46	18X60	314+76.32		LEFT																			16		16			1								
47	18X60	274+44.08		RIGHT																			16		16			1								
48	18X60	280+90.42		RIGHT																			16		16			1								
49	18X60	291+75.23		RIGHT																			16		16			1								
50	18X60	302+38.77		RIGHT																			16		16			1								
51	18X60	312+95.62		RIGHT																			16		16			1								
52	18X60	323+63.44		RIGHT																			16		16			1								
53	18X60	334+19.87		RIGHT																			16		16			1								
55	18X60	263+92.00		RIGHT																			16		16			1								
	18X60	99+07.33-401+35.71		I-44 EB RIGHT																			400		400			25								MILE MARKERS ON EB
SUBTOTAL						1.94						909					647							928	1		57								
TOTAL						1.9						910					650				**			928			57								

* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

ROUND PIPE POST AND FOOTING DATA TABLE

NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4-6"	0.13
3	7.58	0.63	4'- 3½"	12"	4-6"	0.13
4	10.79	0.90	5'- 3½"	18"	5-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	STUB LENGTH	FOOTING DIA.	FOOTING LEVEL GROUND DEPTH	FOOTING LEVEL GROUND C.Y.	FOOTING 6:1 GRADE DEPTH	FOOTING 6:1 GRADE C.Y.	FOOTING 4:1 GRADE DEPTH	FOOTING 4:1 GRADE C.Y.	FOOTING 3:1 OR 2:1 GRADE DEPTH	FOOTING 3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

PRELIMINARY

SIGNING SHEET
SHEET 14 OF 33
PR & CR- 1 OF 2

D-29

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 127
COUNTY WEBSTER
JOB NO. J713010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

EFFECTIVE 10-01-2016

STANDARD SIGN ASSEMBLIES

SIGN NUMBER	STATION	LOCATION	TYPE: D10-5	R2-1	R3-4	R5-29	I4-2	M18-1	D2-3	D10-5
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH							
			18X60	48X96	24X24	24X30	72X36	72X36	108X60	18X60
15	76+00.46	LEFT	1							
16	78+38.36	LEFT		1						
17	79+82.50	RIGHT			1	1				
18	86+55.91	LEFT	1							
19	96+96.82	LEFT	1							
20	107+49.64	LEFT	1							
21	118+06.73	LEFT	1							
22	128+59.87	LEFT	1							
23	131+49.51	LEFT								
24	131+50.09	LEFT					1			
25	139+17.27	LEFT	1							
26	149+61.09	LEFT	1							
27	155+93.44	LEFT	1							
28	166+54.32	LEFT	1							
29	177+11.59	LEFT	1							
30	187+68.04	LEFT	1							
31	198+61.39	LEFT	1							
32	209+19.63	LEFT	1							
33	219+75.07	LEFT	1							
34	230+24.26	LEFT						1		
35	230+26.83	LEFT	1							
36	231+46.72	RIGHT			1	1				
37	240+82.52	LEFT	1							
38	251+36.81	LEFT	1							
39	261+90.83	LEFT	1							
40	272+50.26	LEFT	1							
41	283+00.05	LEFT	1							
42	293+51.87	LEFT	1							
43	296+46.75	LEFT							1	
44	304+15.83	LEFT	1							
45	306+46.95	LEFT		1						
46	314+76.32	LEFT	1							
47	274+44.08	RIGHT								1
48	280+90.42	RIGHT								1
49	291+75.23	RIGHT								1
50	302+38.77	RIGHT								1
51	312+95.62	RIGHT								1
52	323+63.44	RIGHT								1
53	334+19.93	RIGHT								1
55	263+92.00	RIGHT								1
			24	2	2	2	1	1	1	6

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET: SIZE	FLAT SHEET SH (ITEM NO. 9035004A)	FLAT SHEET FLUORESCENT SHF * (ITEM NO. 9035069A)	STRUCTURAL ST (ITEM NO. 9035011A)	STRUCTURAL FLUORESCENT STF * (ITEM NO. 9035071A)
STANDARD D10-5		1	18X60	7.5			
STANDARD R2-1		1	48X96	32			
MULTI-SIGN ASSEMBLY		1	VARIES	18			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
SPECIAL I4-2		1	72X36			18	
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
SPECIAL M18-1		1	72X36			18	
STANDARD D10-5		1	18X60	7.5			
MULTI-SIGN ASSEMBLY		1	VARIES	18			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
SPECIAL D2-3		1	108X60			45	
STANDARD D10-5		1	18X60	7.5			
STANDARD R2-1		1	48X96	32			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
TOTAL				341		81	

* ORANGE, YELLOW & YELLOW/GREEN

PRELIMINARY

SIGNING SHEET
SHEET 15 OF 33
PR & CR- 2 OF 2

D-30

Preliminary Plans - NOT FOR CONSTRUCTION

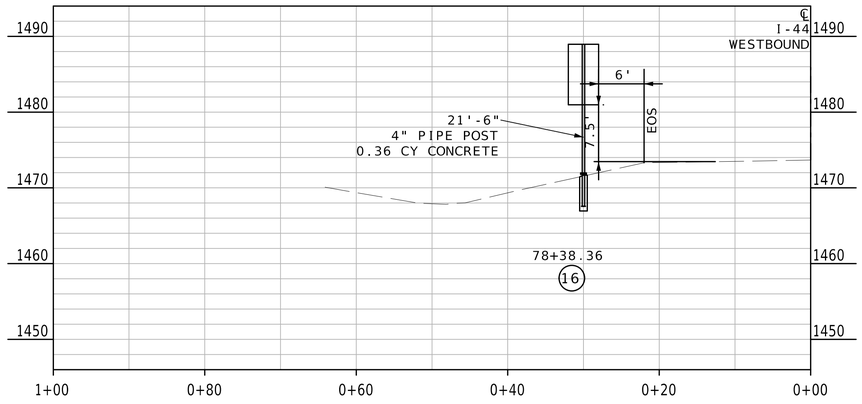
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 128
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

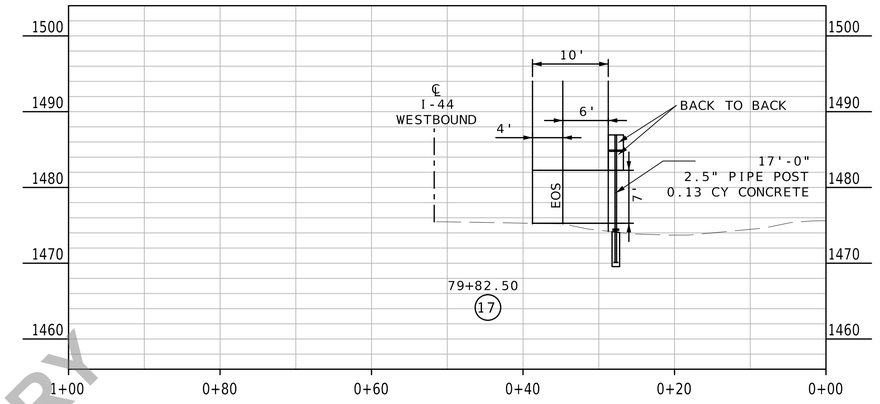
DESCRIPTION | DATE

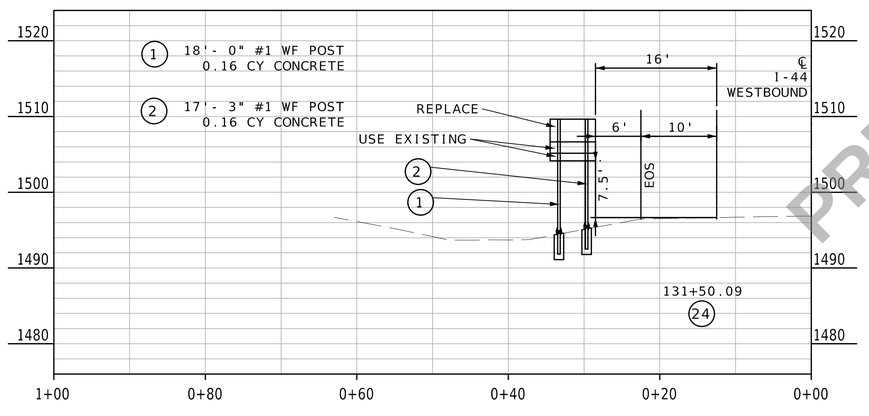
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

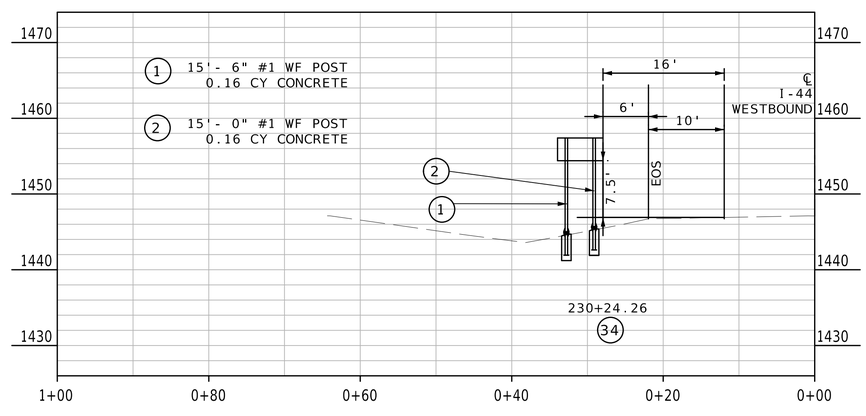
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM









PRELIMINARY

SIGNING SHEET
SHEET 16 OF 33

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	129

COUNTY WEBSTER

JOB NO. J7I3010

CONTRACT ID.

PROJECT NO.

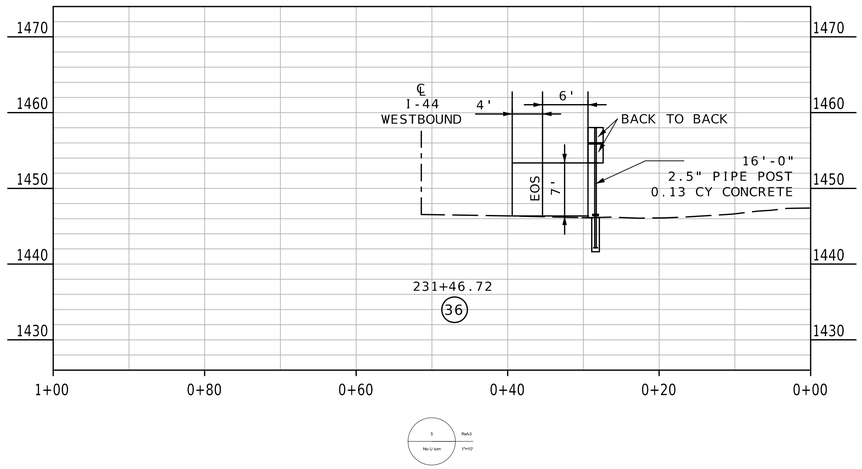
BRIDGE NO.

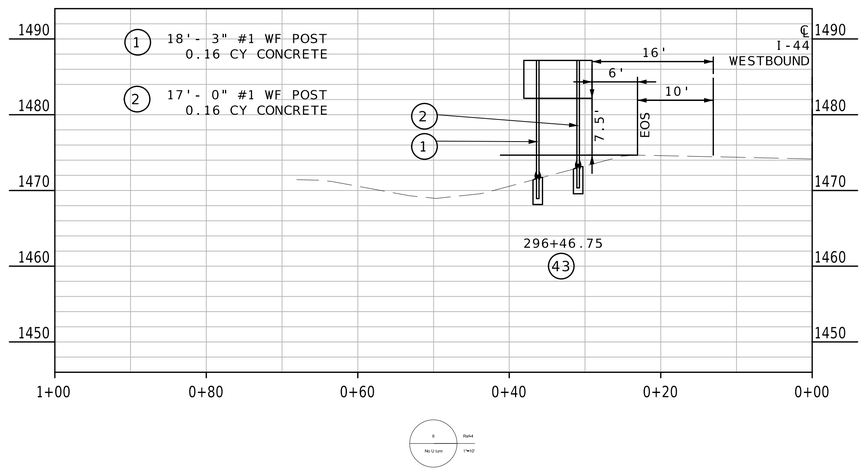
DESCRIPTION	DATE

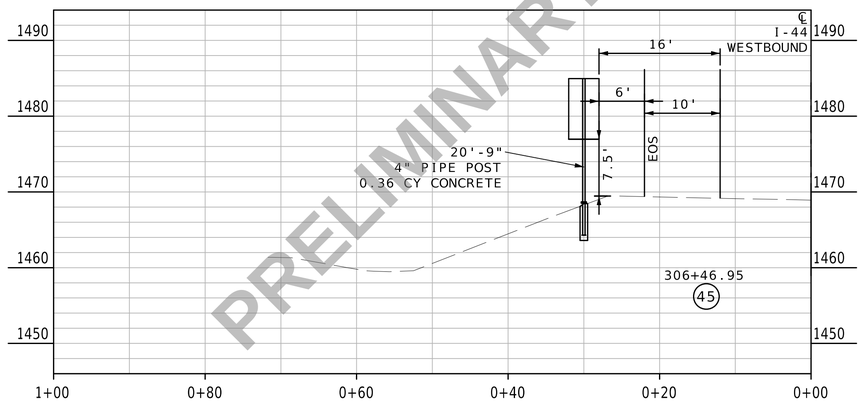
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM







PRELIMINARY

SEE POST INSTALLATION DETAILS
903.03BP

SIGNING SHEET
SHEET 17 OF 33

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	130

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

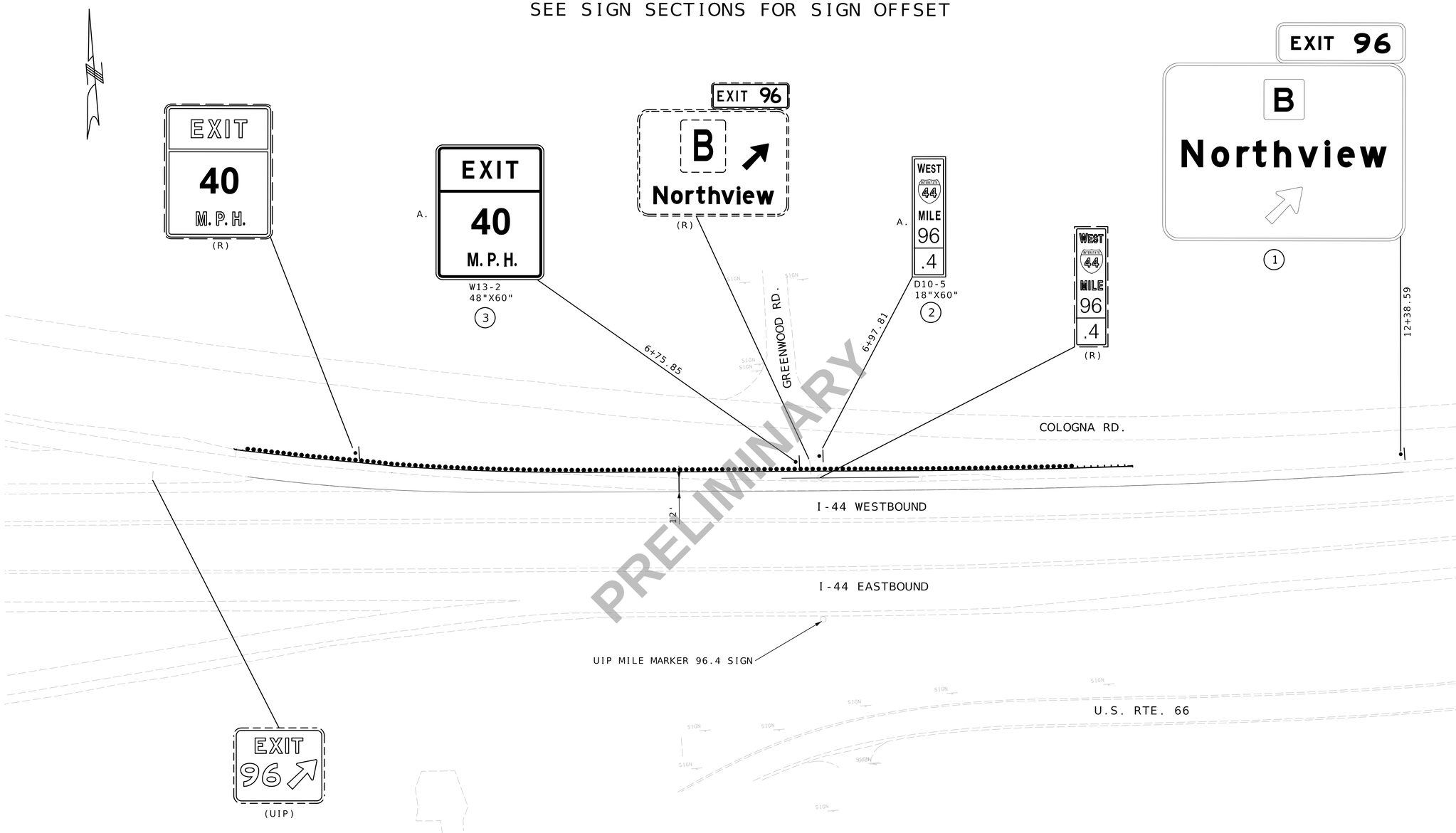
DESCRIPTION	DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET



SCALE

0 50 100 150

SIGNING SHEET
SHEET 18 OF 33
DECEL LANES- 1 OF 11
(RTE. B 1 OF 1)
WESTBOUND I-44

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	131

COUNTY WEBSTER

JOB NO. J713010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

SEE SIGN SECTIONS FOR SIGN OFFSET

RTE. 38

UIP MILE MARKER 100.6 SIGN

I-44 WESTBOUND

I-44 EASTBOUND

STA. 9+25.00

MATCHLINE STA. 9+25.00

0+00.00

EXIT 100

W 38

Marshfield

4

1+16.86

EAST 44 MILE 100 .6

(R)

A. EAST 44 MILE 100 .6

A. D10-5 18"X60"

5

7+99.81

EXIT 40 M.P.H.

A. W13-2 48"X60"

7

EXIT 100

W 38

Marshfield

(R)

PRELIMINARY

SCALE

0 50 100 150

SIGNING SHEET
SHEET 19 OF 33
DECEL LANE- 2 OF 11
(RTE. 38- 1 OF 2)
EASTBOUND I-44

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE I-44 | STATE MO

DISTRICT SW | SHEET NO. 132

COUNTY WEBSTER

JOB NO. J713010

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

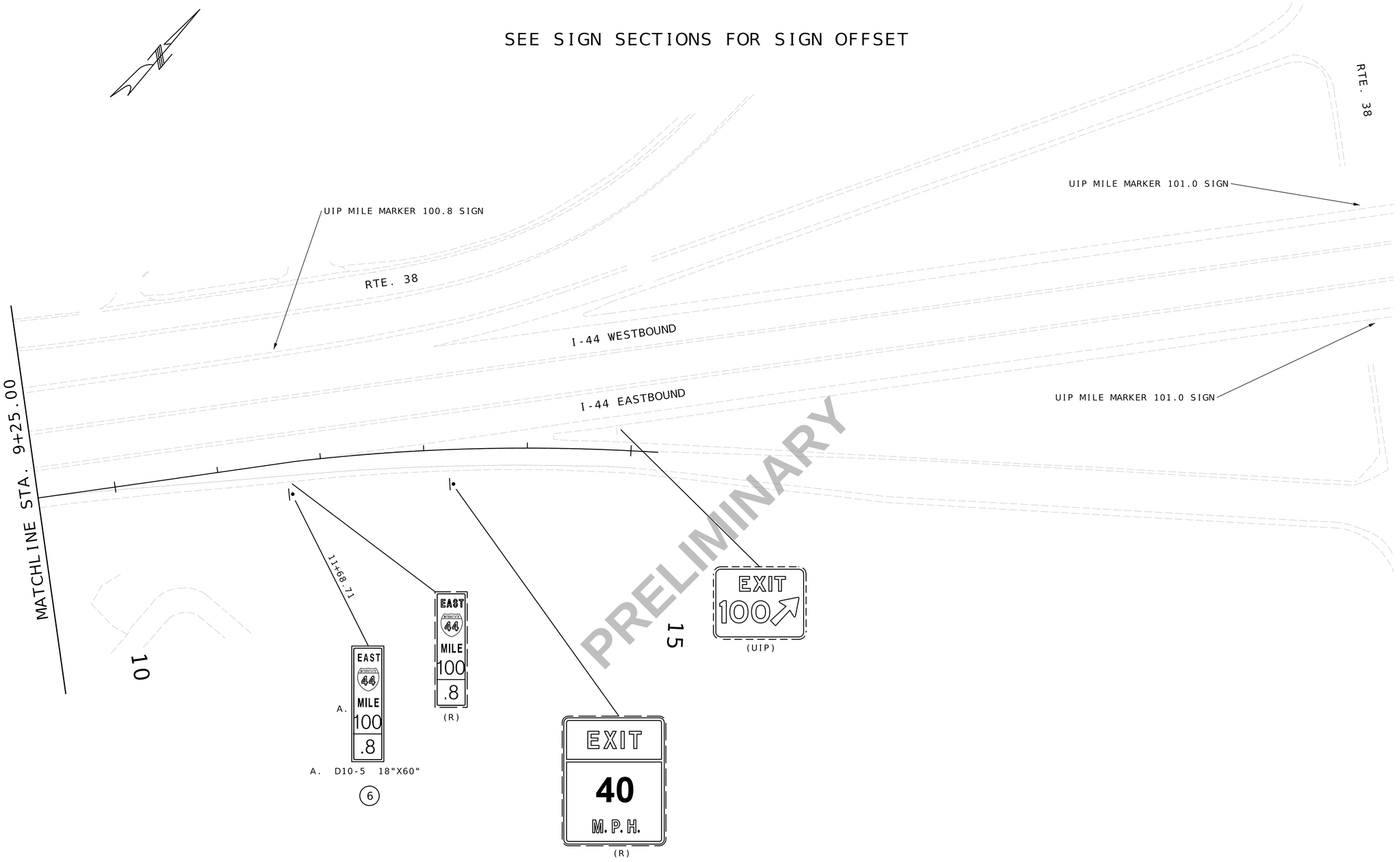
MoDOT

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

Bartlett & West

601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET



SCALE

0 50 100 150

SIGNING SHEET
SHEET 20 OF 33
DECEL LANES- 3 OF 11
(RTE. 38- 2 OF 2)
EASTBOUND I-44

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	133

COUNTY WEBSTER

JOB NO. J713010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET

I-44 WESTBOUND

I-44 EASTBOUND

E FORK LN.

3080' BACK FROM STA. 0+00.00 AT SAMPSON RD.

EXIT 107

Sparkle Brook Rd
Sampson Rd
3/4 MILE

17

PRELIMINARY

SCALE
0 50 100 150

SIGNING SHEET
SHEET 21 OF 33
DECEL LANES- 4 OF 11
(SAMPSON RD- 1 OF 4)
EASTBOUND I-44

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 134
COUNTY WEBSTER
JOB NO. J713010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ROLLING MEADOWS LN.

I-44 WESTBOUND

I-44 EASTBOUND

E FORK LN.

PRELIMINARY

EXIT 107

Sparkle Brook Rd
Sampson Rd
1/2 MILE

(R)

SCALE
0 50 100 150

SIGNING SHEET
SHEET 22 OF 33
DECEL LANES- 5 OF 11
(SAMPSON RD- 2 OF 4)
EASTBOUND I-44

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	135

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

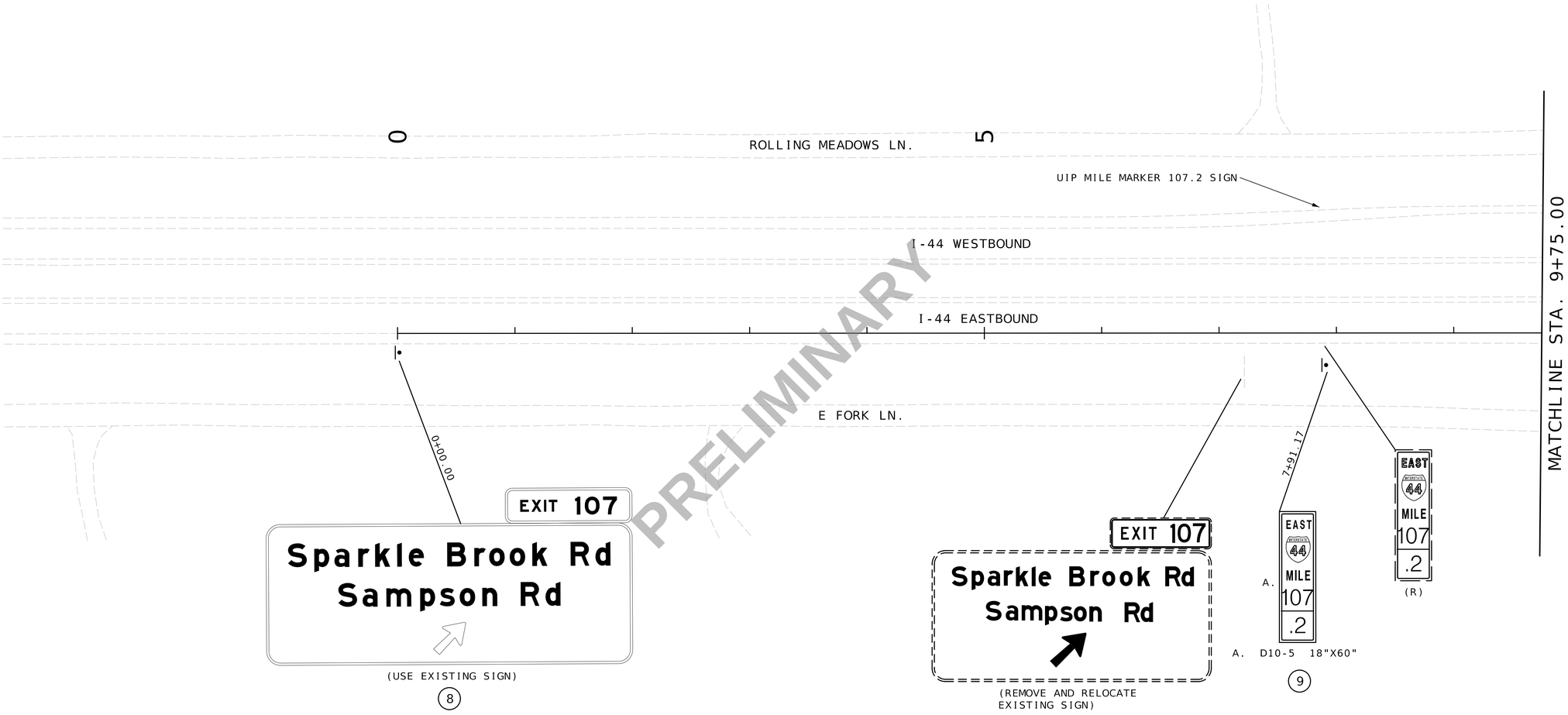
DESCRIPTION	DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET



PRELIMINARY

SCALE

0 50 100 150

SIGNING SHEET
SHEET 23 OF 33
DECEL LANES- 6 OF 11
(SAMPSON RD.- 3 OF 4)
EASTBOUND I-44

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	136

COUNTY WEBSTER

JOB NO. J7I3010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET

ROLLING MEADOWS LN.

10

15

I-44 WESTBOUND

I-44 EASTBOUND

MATCHLINE STA. 9+75.00

9+90.27

E. FORK LN.

EXIT
107
(UIP)

EXIT
40
M.P.H.
A.

A. W13-2 48"X60"

(10)

EXIT
40
M.P.H.
(R)

PRELIMINARY

SCALE
0 50 100 150

SIGNING SHEET
SHEET 24 OF 33
DECEL LANES- 7 OF 11
(SAMPSON RD.- 4 OF 4)
EASTBOUND I-44

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	137

COUNTY
WEBSTER

JOB NO.
J7I3010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET

0

5

10

REST AREA
(UIP)

UIP MILE MARKER 110.6 SIGN

I-44 WESTBOUND

I-44 EASTBOUND

0+00.00

MISSOURI
Welcome Center
Rest Area
(11)

EAST
I 44
MILE
110
.6
(R)

4+32.56

EAST
I 44
A.
MILE
110
.6
A. D10-5 18"X60"
(12)

MISSOURI
Welcome Center
Rest Area
(R)

6+57.11

A.
EXIT
40
M.P.H.
A. W13-2 48"X60"
(13)

EXIT
40
M.P.H.
(R)

NO PARKING ANY TIME
(UIP)

PRELIMINARY

SCALE
0 50 100 150

SIGNING SHEET
SHEET 25 OF 33
DECEL LANES- 8 OF 11
(EB CONWAY REST AREA - 1 OF 1)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 138
COUNTY WEBSTER
JOB NO. J7I3010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

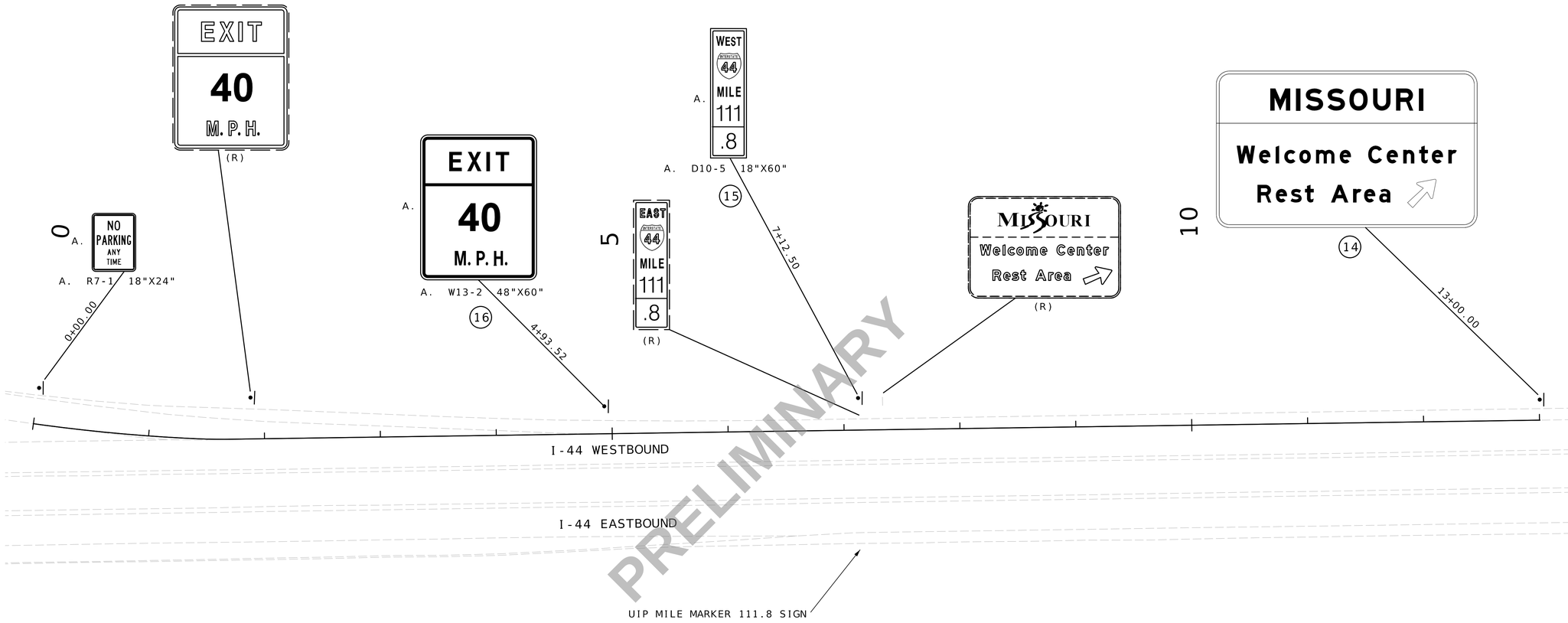
DESCRIPTION | DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET



PRELIMINARY

SCALE
0 50 100 150

SIGNING SHEET
SHEET 26 OF 33
DECEL LANES- 9 OF 11
(WB CONWAY REST AREA - 1 OF 1)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 139
COUNTY WEBSTER
JOB NO. J7I3010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 07-01-2022

SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A SHEET

SIGN NO.	SIGN SIZE	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.
1	180X132	12+38.59		RIGHT RTE. B	
2	18X60	6+97.81		RIGHT RTE. B	
3	48X60	6+75.85		RIGHT RTE. B	
4	192X132	0+00.00		RIGHT EXIT 100	
5	18X60	1+16.86		RIGHT EXIT 100	
6	18X60	11+68.71		RIGHT EXIT 100	
7	48X60	7+99.81		RIGHT EXIT 100	
8	312X120	0+00.00		RIGHT EXIT 107	
9	18X60	7+91.17		RIGHT EXIT 107	
10	48X60	9+90.27		RIGHT EXIT 107	
11	180X108	0+00.00		RIGHT EB REST AREA	
12	18X60	4+32.56		RIGHT EB REST AREA	
13	48X60	6+57.11		RIGHT EB REST AREA	
14	180X108	13+00.00		RIGHT WB REST AREA	
15	18X60	7+12.50		RIGHT WB REST AREA	
16	48X60	4+93.52		RIGHT WB REST AREA	
17	312X120	SEE SHEET 120		RIGHT I-44 WB	

	CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS *						PIPE POSTS *					BACKING BARS **				U-CHANNEL POST
	ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	2" X ▯" BARS @ 2.55 LBS PER FT NO. EACH	LGTH	TOTAL	TOTAL	ITEM NO. 9031250A
	CY		LF	LF	LF		LBS	IN.	LF	LF		LBS		IN.	LF	LBS	LF
1	2.78	4	27.75	25.75		26.0	1391										
2																	
3	0.36							4	22.00		10.79	237					
4	2.80	5	26.25	28.25		26.0	1417										
5																	
6																	
7	0.36							4	20.50		10.79	221					
8	4.29	5	24.00	26.00	30.75	26.0	2100										
9																	
10	0.36							4	19.25		10.79	208					
11	2.78	4	23.00	25.00		22.0	1056										
12																	
13	0.36							4	19.75		10.79	213					
14	2.78	4	25.50	23.50		22.0	1074										
15																	
16	0.36							4	20.00		10.79	216					
17	4.01	4	25.00	26.50	29.50	22.0	1782										
SUBTOTAL	21.24						8820					1095					
TOTAL	21.2						8820					1100	**				

PERFORATED SQUARE STEEL TUBE

	2 IN. POST						2.5 IN. POST						BREAK-AWAY ASSEMBLY
	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031270A	ANCHORS DRIVEN 12-GA. ITEM NO. 9031271A	ANCHORS DRIVEN 7-GA. ITEM NO. 9031273A	ANCHORS CONCRETE 7-GA. ITEM NO. 9031274	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	ANCHORS DRIVEN 7-GA. ITEM NO. 9031281A	ANCHORS CONCRETE 7-GA. ITEM NO. 9031285	ITEM NO. 9031241
	LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA
1													
2	16		16										
3													
4													
5	16		16			1							
6	16		16			1							
7													
8													
9	16		16			1							
10													
11													
12	16		16			1							
13													
14													
15	16		16			1							
16													
17													
SUBTOTAL			60			6							
TOTAL			60			6							

REMARKS AND OTHER REQUIRED ITEMS

* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

ROUND PIPE POST AND FOOTING DATA TABLE

NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4-6"	0.13
3	7.58	0.63	4'- 3½"	12"	4-6"	0.13
4	10.79	0.90	5'- 3½"	18"	5-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	POST NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	POST STUB LENGTH	FOOTING DIA.	FOOTING LEVEL GROUND DEPTH	FOOTING LEVEL GROUND C.Y.	FOOTING 6:1 GRADE DEPTH	FOOTING 6:1 GRADE C.Y.	FOOTING 4:1 GRADE DEPTH	FOOTING 4:1 GRADE C.Y.	FOOTING 3:1 OR 2:1 GRADE DEPTH	FOOTING 3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

SIGNING SHEET
SHEET 27 OF 33
DECEL LANES- 10 OF 11

D-29

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 140
COUNTY WEBSTER
JOB NO. J7I3010
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 10-01-2016

STANDARD SIGN ASSEMBLIES

SIGN NUMBER	STATION	LOCATION	TYPE	SIGN DESCRIPTION, SIZES & NUMBER OF EACH
			W13-2	48X60
			D10-5	18X60
			D10-5	18X60
			E1-1	180X132
			E1-5P	96X30
			E1-1	192X132
			E1-5P	96X30
			D5-10	180X108
				312X120
				108X30
1	12+38.59	RIGHT RTE. B		
2	6+97.81	RIGHT RTE. B		1
3	6+75.85	RIGHT RTE. B	1	
4	0+00.00	RIGHT EXIT 100		
5	1+16.68	RIGHT EXIT 100		
6	11+68.71	RIGHT EXIT 100		
7	7+99.81	RIGHT EXIT 100	1	
8	0+00.00	RIGHT SAMPSON RD		
9	7+91.17	RIGHT SAMPSON RD		
10	9+90.27	RIGHT SAMPSON RD	1	
11	0+00.00	RIGHT EB CONWAY REST AREA		
12	4+32.56	RIGHT EB CONWAY REST AREA		
13	6+57.11	RIGHT EB CONWAY REST AREA	1	
14	13+00.00	RIGHT WB CONWAY REST AREA		
15	7+12.50	RIGHT WB CONWAY REST AREA		1
16	4+93.52	RIGHT WB CONWAY REST AREA	1	
17	SEE SHEET 120	RIGHT I-44 WB		
			5	2

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET: SIZE	FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF * ITEM NO. 9035071A
MULTI-SIGN ASSEMBLY		1	VARIES			185	
STANDARD D10-5		1	18X60	7.5			
STANDARD W13-2		1	48X60	20			
MULTI-SIGN ASSEMBLY		1	VARIES			196	
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD W13-2		1	48X60	20			
STANDARD D10-5		1	18X60	7.5			
STANDARD W13-2		1	48X60	20			
STANDARD D5-10		1	180X108			135	
STANDARD D10-5		1	18X60	7.5			
STANDARD W13-2		1	48X60	20			
STANDARD D5-10		1	180X108			135	
STANDARD D10-5		1	18X60	7.5			
STANDARD W13-2		1	48X60	20			
MULTI-SIGN ASSEMBLY		1	VARIES			282.5	
			TOTAL	145		934	

* ORANGE, YELLOW & YELLOW/GREEN

PRELIMINARY

SIGNING SHEET
SHEET 28 OF 33
DECEL LANES- 11 OF 11

D-30

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	141

COUNTY WEBSTER

JOB NO. J713010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SIGN NO.	11
STATION	STA. 0+00.00
ROADWAY	EB CONWAY REST AREA



D5-10 ST-STRUCTURAL;

9.000" Radius, 2.000" Border, Blue on, White;
"MISSOURI", E Mod;

9.000" Radius, 2.000" Border, White on, Blue;
"Welcome Center", E Mod; "Rest Area", E Mod; Arrow 80 - 25.000" 45";
Table of letter and object lefts

M 37.250	I 54.875	S 61.750	S 76.750	O 91.750	U 108.250	R 124.000	I 139.750	
W 14.125	e 29.500	l 40.875	c 46.875	o 57.250	m 68.750	e 85.125	C 104.750	e 117.500	n 129.000	t 140.000	e 148.625	r 160.125
R 28.375	e 41.000	s 51.125	t 61.125	A 79.125	r 94.375	e 101.875	a 112.375	132.000

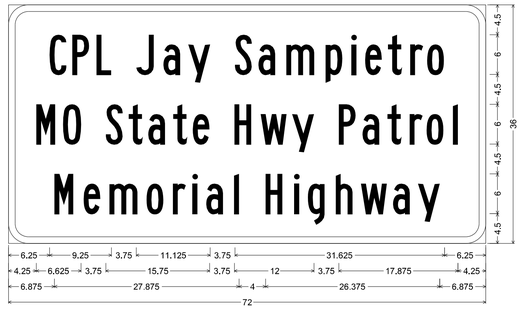
SIGN NO.	43
STATION	STA. 296+42.78
ROADWAY	I-44 WBL



D2-3 ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Green;
"Strafford", E Mod; "6", E Mod; "Springfield", E Mod; "17", E Mod; "Joplin", E Mod; "86", E Mod;
Table of letter and object lefts

S 8.000	t 16.000	r 22.500	a 27.625	f 35.000	f 39.875	o 44.875	r 52.625	d 57.625	6 93.625	
S 8.000	p 16.875	r 24.500	i 30.250	n 34.750	g 42.375	f 49.750	l 55.500	e 59.500	l 67.000	d 71.000
1 89.625	7 93.625									
J 8.000	o 16.750	p 24.375	l 32.000	l 36.500	n 41.125	8 85.625	6 93.625			

SIGN NO.	34
STATION	STA. 230+22.49
ROADWAY	I-44 WBL



M18-1 ST-STRUCTURAL;
3.000" Radius, 1.000" Border, White on, Green;
"CPL Jay Sampietro", B; "MO State Hwy Patrol", B; "Memorial Highway", B;
Table of letter and object lefts

C 6.250	P 9.625	L 13.250	J 19.250	a 23.375	y 27.125									
	S 34.125	a 37.750	m 41.875	p 47.875	l 51.750	e 53.750	t 57.250	r 60.625	o 63.125					
M 4.250	D 8.250	S 14.625	t 18.125	a 21.125	t 24.875	e 27.750	H 34.125	w 38.000	y 42.750					
	P 49.875	a 53.375	t 57.125	r 60.500	o 63.125	l 67.000								
M 6.875	e 11.375	m 15.250	a 20.875	r 24.750	l 27.750	w 34.000								
	H 38.750	i 43.125	q 45.125	h 49.375	w 53.125	a 58.000	y 61.750							

SIGN NO.	24
STATION	STA. 131+45.90
ROADWAY	I-44 WBL



I4-2 ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Green;
"Strafford", E Mod; "CITY LIMIT", D;

I4-2P ST-STRUCTURAL;
1.500" Radius, 0.500" Border, White on, Green;
"2016, 2017, 2018, 2019 & 2020", D 85% spacing; "Class 3 Girls", D 85% spacing;
"State Basketball Champions", D 85% spacing;

I4-2P ST-STRUCTURAL;
1.500" Radius, 0.500" Border, White on, Green;
"2017 & 2018 Spring Girls", D 85% spacing; "State Softball Champions", D 85% spacing;
Table of letter and object lefts

S 8.625	t 16.625	r 23.125	a 28.250	f 35.625	f 40.500	o 45.500	r 53.250	d 58.250
C 15.375	l 20.500	T 22.625	Y 26.625	L 37.750	l 42.500	M 44.875	l 50.875	T 53.000
2 2.125	0 5.125	1 8.250	6 9.750	. 12.500	2 15.625	0 18.500	1 21.625	7 23.125	. 25.500	2 28.500	0 31.500	l 34.625	8 36.125	. 38.875
	2 42.000	0 44.875	1 48.000	9 49.625	& 54.000	2 58.500	0 61.375	2 64.500	0 67.375					
C 21.125	l 24.250	a 25.625	s 28.250	s 30.750	3 35.625	G 41.000	i 44.125	r 45.625	l 47.750	s 49.000				
S 3.250	t 6.125	a 8.250	t 10.875	e 13.000										
	B 18.000	a 21.000	s 23.625	k 26.375	e 28.875	t 31.375	b 33.750	a 36.250	l 39.125	l 40.625				
	C 44.125	h 47.375	a 50.125	m 53.000	p 57.250	i 60.000	o 61.250	n 64.125	s 66.750					
2 6.875	0 9.875	1 13.000	7 14.375	& 19.750	2 25.000	0 28.000	1 31.125	8 32.625						
	S 38.000	p 41.125	r 43.875	i 45.875	n 47.500	g 50.125	G 55.125	i 58.250	r 59.750	l 61.875	s 63.125			
S 6.375	t 9.250	a 11.375	t 14.000	e 16.125	S 21.000	o 24.000	f 26.500	t 28.250	b 30.625	a 33.125	l 36.000	l 37.500		
	C 41.125	h 44.250	a 47.000	m 49.875	p 54.125	i 56.875	o 58.250	n 61.000	s 63.625					

PRELIMINARY

SIGNING SHEET
SHEET 29 OF 33

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 142
COUNTY WEBSTER
JOB NO. J7I3010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

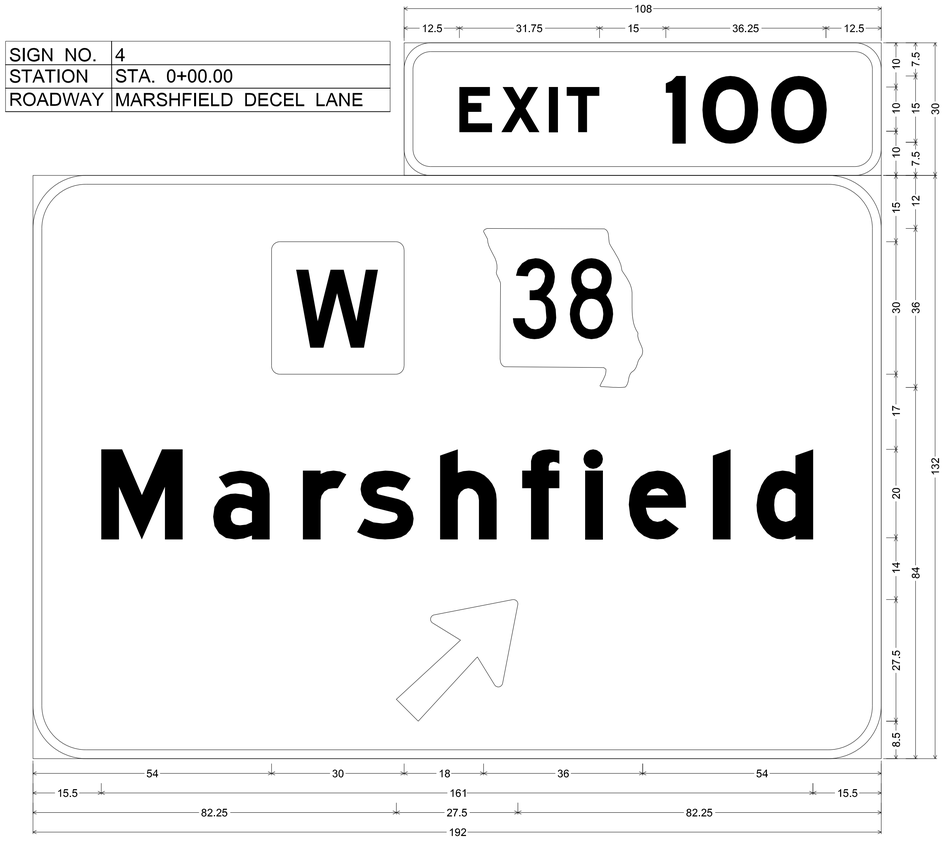
DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

SIGN NO.	4
STATION	STA. 0+00.00
ROADWAY	MARSHFIELD DECEL LANE



E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "100", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
Rounded Rectangle 1.875" Radius;
State Highway 38 M1-6a3 18.000" C; "Marshfield", E Mod; Arrow 160 - 35.000" 45°;
Table of letter and object lefts

E 12.500	X 22.000	I 32.750	T 36.750	I 59.250	O 67.500	O 83.000				
54.000	102.000									
M 15.500	a 40.750	r 61.125	s 73.375	h 92.125	f 110.750	l 125.000	e 134.875	l 153.875	d 163.750	
82.250										

SIGN NO.	14
STATION	STA. 13+00.00
ROADWAY	WB CONWAY REST AREA



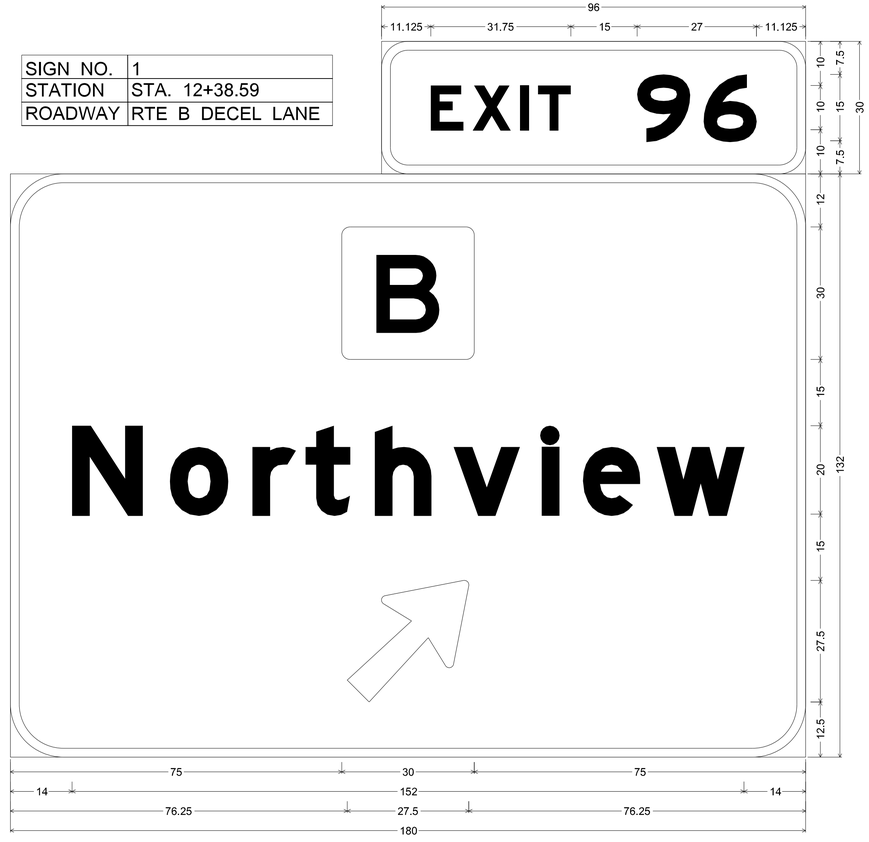
D5-10 ST-STRUCTURAL;

9.000" Radius, 2.000" Border, Blue on, White;
"MISSOURI", E Mod;

9.000" Radius, 2.000" Border, White on, Blue;
"Welcome Center", E Mod; "Rest Area", E Mod; Arrow 80 - 25.000" 45°;
Table of letter and object lefts

M 37.250	I 54.875	S 61.750	S 76.750	O 91.750	U 108.250	R 124.000	I 139.750							
W 14.125	e 29.500	l 40.875	c 46.875	o 57.250	m 68.750	e 85.125	C 104.750	e 117.500	n 129.000	t 140.000	e 148.625	r 160.125		
R 28.375	e 41.000	s 51.125	t 61.125	A 79.125	r 94.375	e 101.875	a 112.375	132.000						

SIGN NO.	1
STATION	STA. 12+38.59
ROADWAY	RTE B DECEL LANE



E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "96", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
Rounded Rectangle 1.875" Radius;
"Northview", E Mod 90% spacing; Arrow 160 - 35.000" 45°;
Table of letter and object lefts

E 11.125	X 20.625	I 31.375	T 35.375	9 57.875	6 72.875					
75.000										
N 14.000	o 36.125	r 54.750	t 66.750	h 82.500	v 100.375	l 120.250	e 129.625	w 146.250		
76.250										

PRELIMINARY

SIGNING SHEET
SHEET 30 OF 33

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 143
COUNTY WEBSTER
JOB NO. J7I3010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

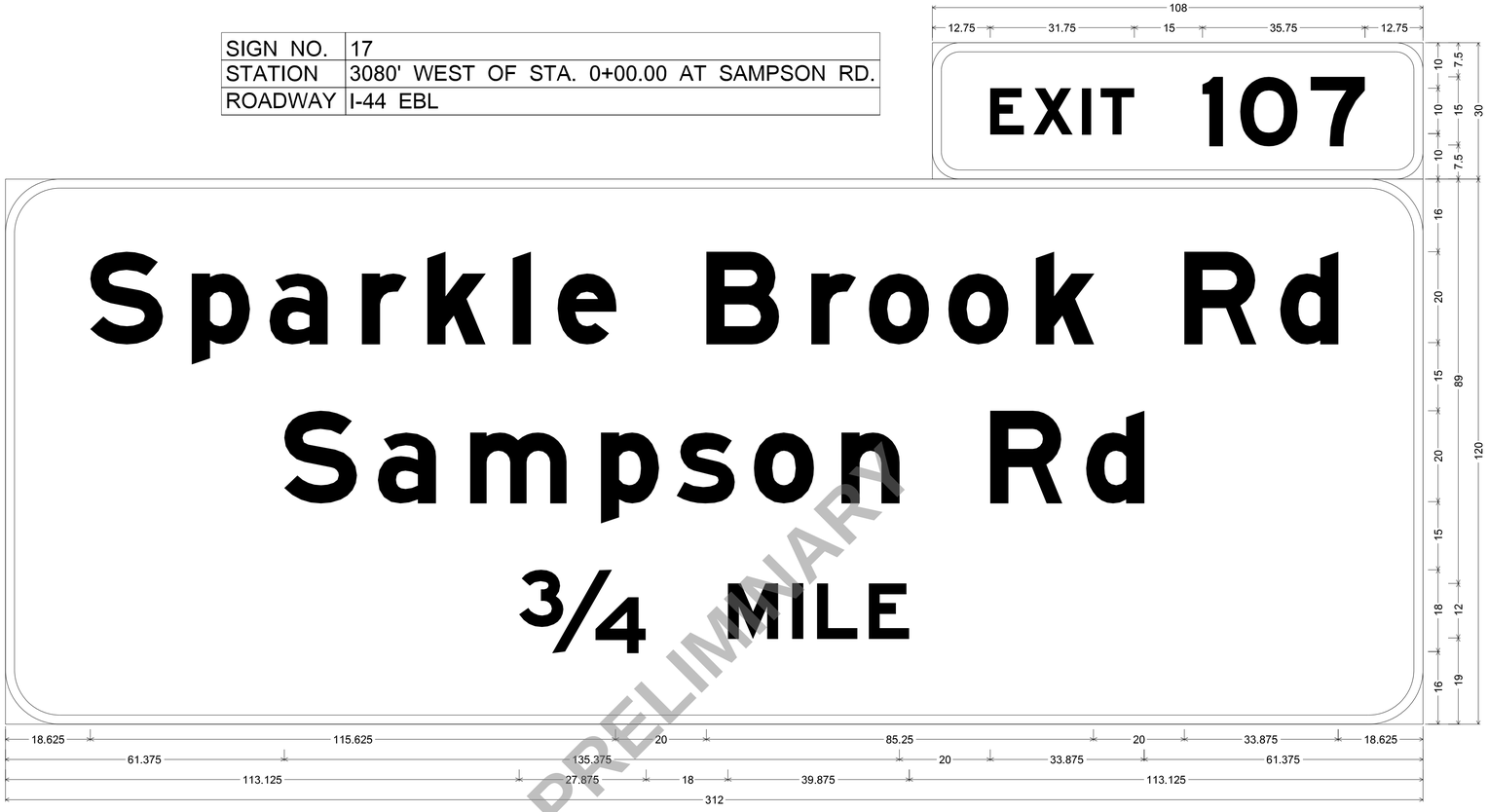
DESCRIPTION	DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SIGN NO.	17
STATION	3080' WEST OF STA. 0+00.00 AT SAMPSON RD.
ROADWAY	I-44 EBL



E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "107", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
"Sparkle Brook Rd", E Mod; "Sampson Rd", E Mod; "¾", E Mod; "MILE", E Mod;
Table of letter and object lefts

E 12.750	**X** 22.250	**I** 33.000	**T** 37.000	**I** 59.500	**O** 67.750	**7** 83.250

S 18.625	**p** 41.000	**a** 58.125	**r** 78.500	**k** 92.875	**l** 111.625	**e** 121.500	**B** 154.250	**r** 177.375	**o** 190.125	**o** 207.500	**k** 226.750	**R** 259.500	**d** 280.625

S 61.375	**a** 82.000	**m** 102.250	**p** 131.125	**s** 147.750	**o** 164.750	**n** 184.000	**R** 216.750	**d** 237.875

¾ 113.125	**M** 159.000	**I** 173.125	**L** 178.625	**E** 190.000

SIGNING SHEET
SHEET 31 OF 33

Preliminary Plans - NOT FOR CONSTRUCTION

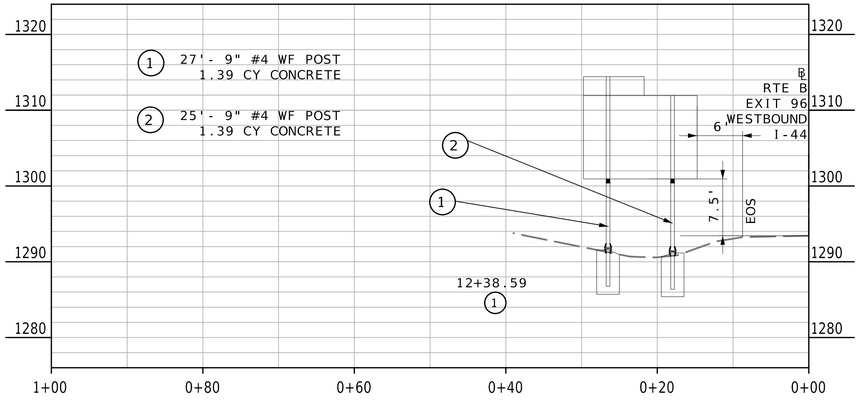
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 144
COUNTY WEBSTER
JOB NO. J713010
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

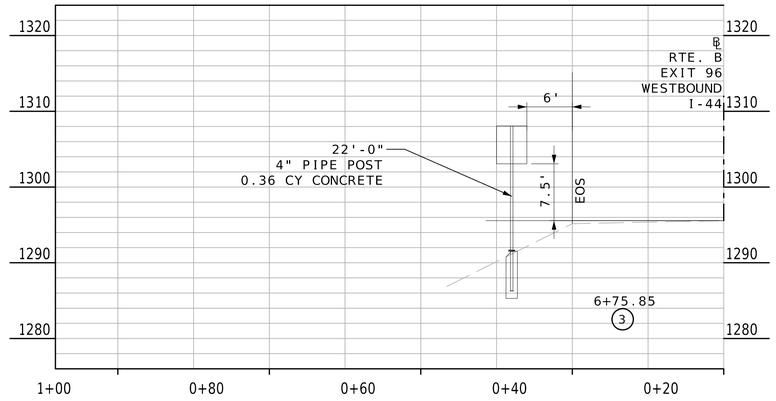
DESCRIPTION | DATE

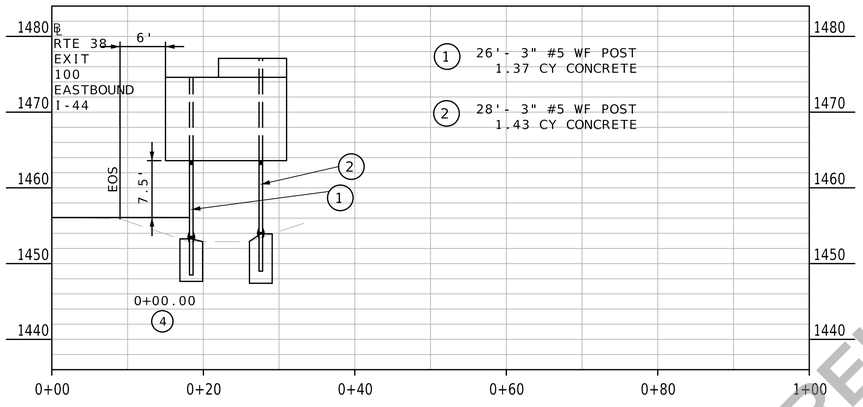
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

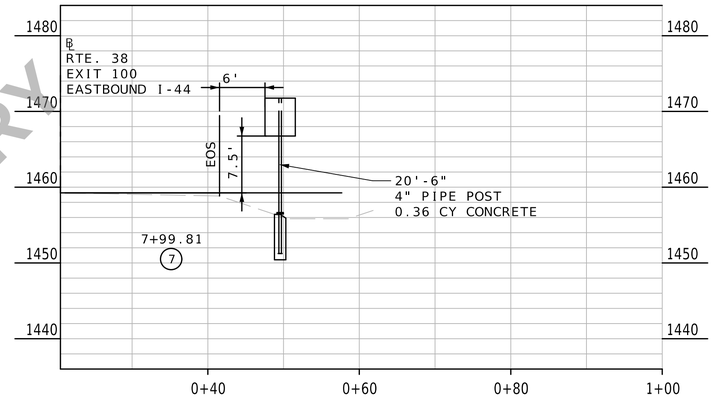
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

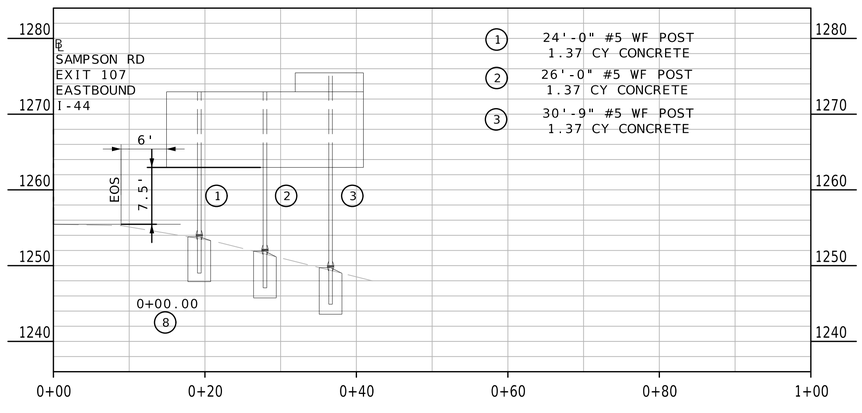
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

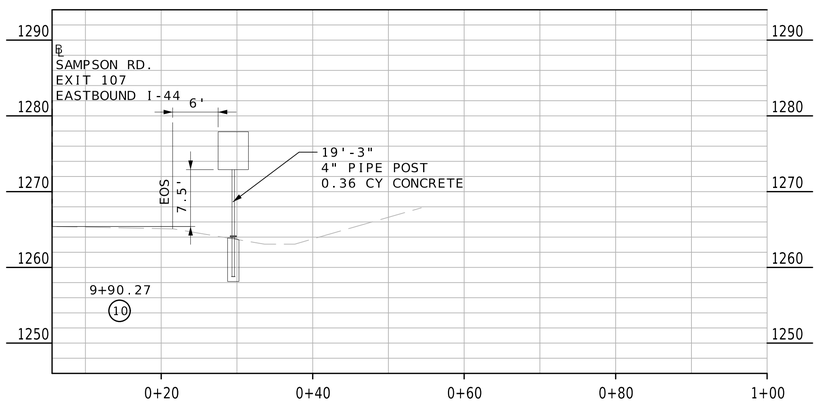












PRELIMINARY

SIGNING SHEET
SHEET 32 OF 33

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	145

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

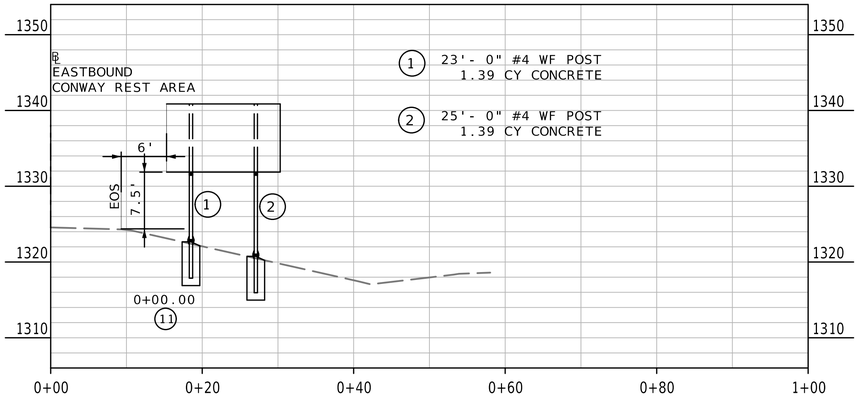
BRIDGE NO.

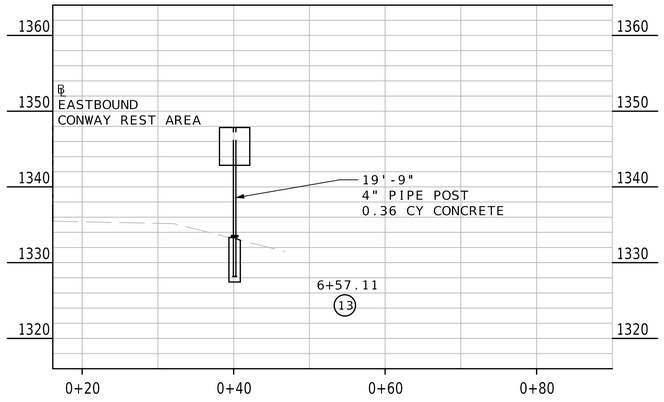
DESCRIPTION	DATE

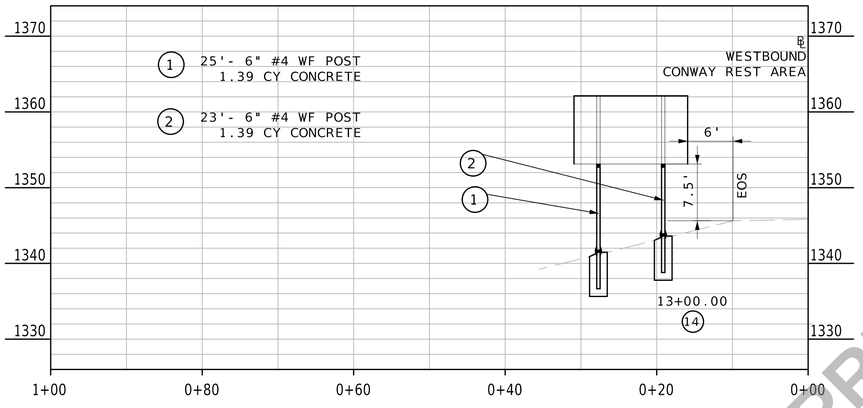
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

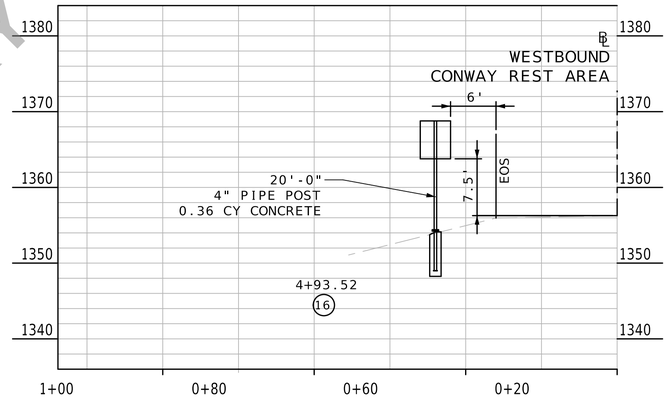
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

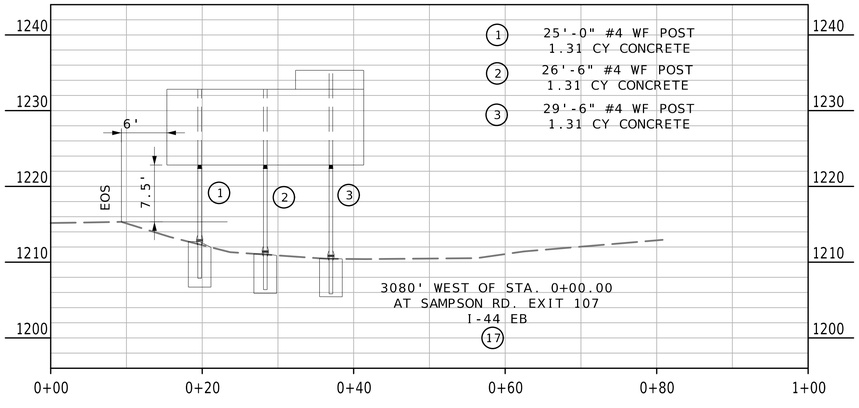
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM











PRELIMINARY

SIGNING SHEET
SHEET 33 OF 33

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	146

COUNTY: WEBSTER
JOB NO.: J713010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

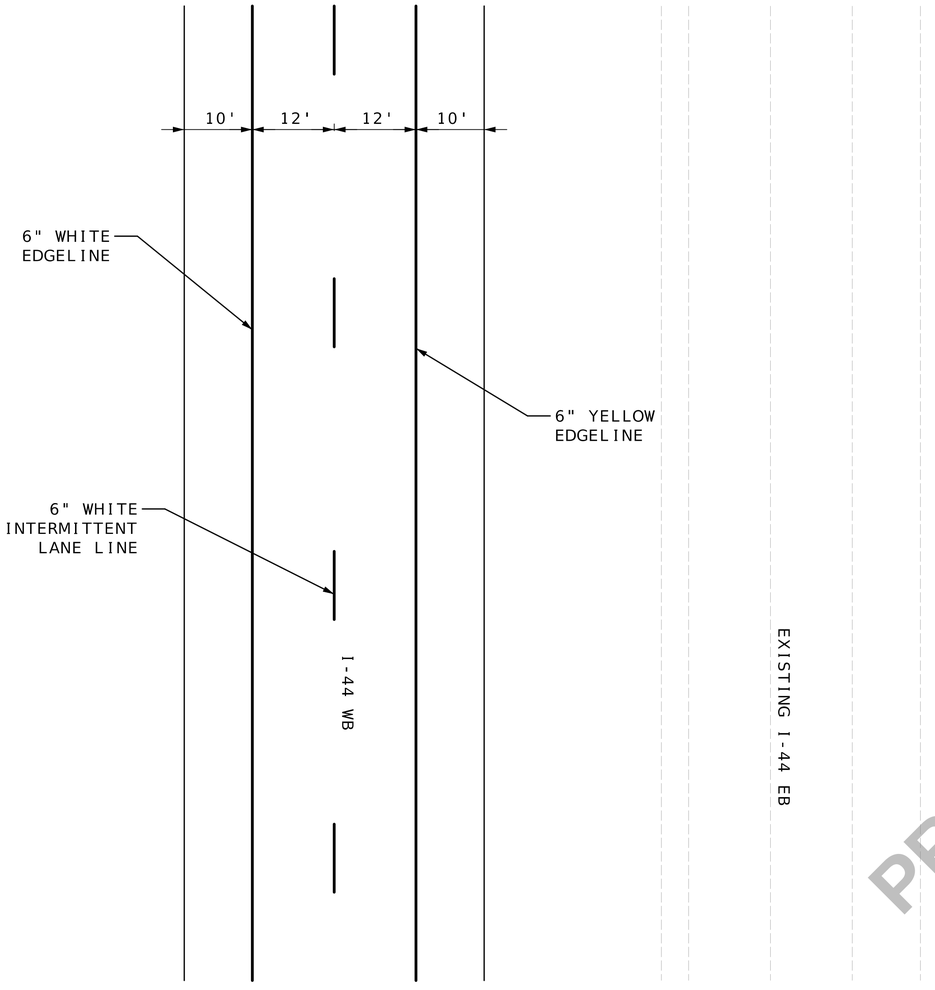
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TYPICAL LANE MARKINGS

PAVEMENT REPLACEMENT

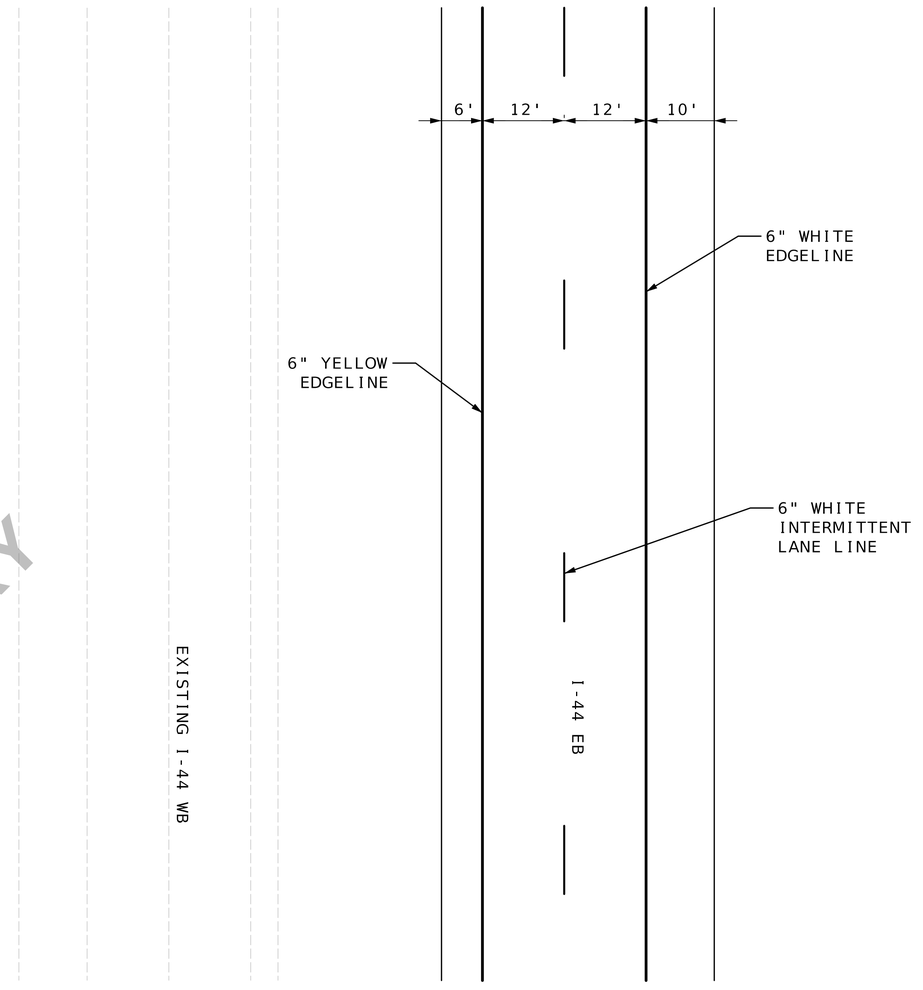


WB I-44 - STA. 75+79.13 TO STA. 322+57.00

NOT TO SCALE

TYPICAL LANE MARKINGS

CURVE REALIGNMENT



EB I-44 - STA. 99+07.33 STA. 399+82.00

NOT TO SCALE

NOTES:
A. ALL PAVEMENT MARKING SHALL COMPLY WITH STANDARD PLAN 620.00L.
B. ALL RUMBLE STRIPS SHALL COMPLY WITH STANDARD PLANS 626.00H, AND PAINTED ACCORDING TO 620.00L.
C. EDGELINES AND LANE LINES FOR DIVIDED HIGHWAYS AS SHOWN ABOVE SHALL BE PAINTED WITH HIGH BUILD WATERBORNE PAINT, TYPE L BEADS.

PAVEMENT REPLACEMENT
CURVE REALIGNMENT
PAVEMENT MARKING
SHEET 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	147

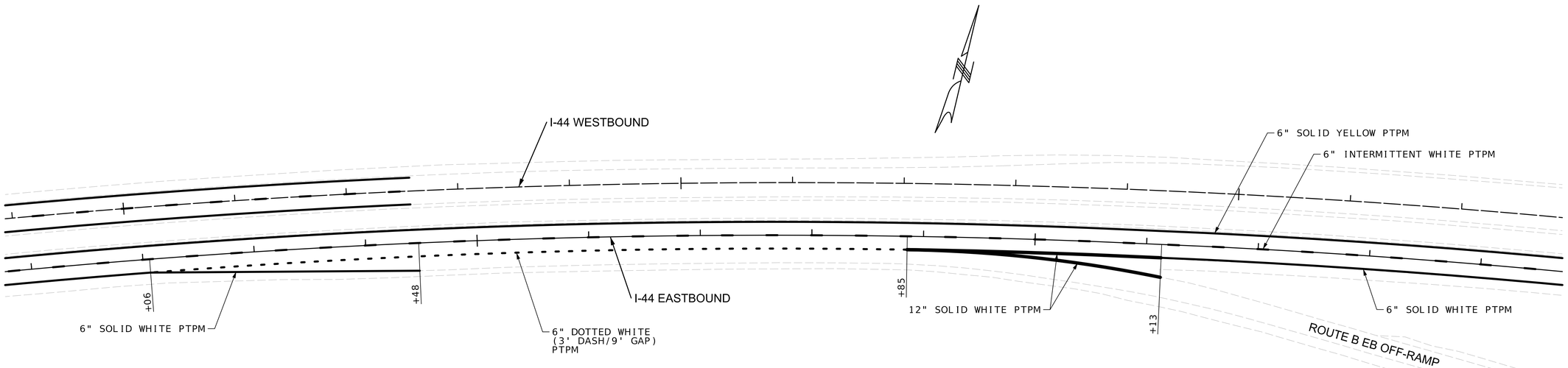
COUNTY: WEBSTER
JOB NO.: J7I3010
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION	DATE

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

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

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

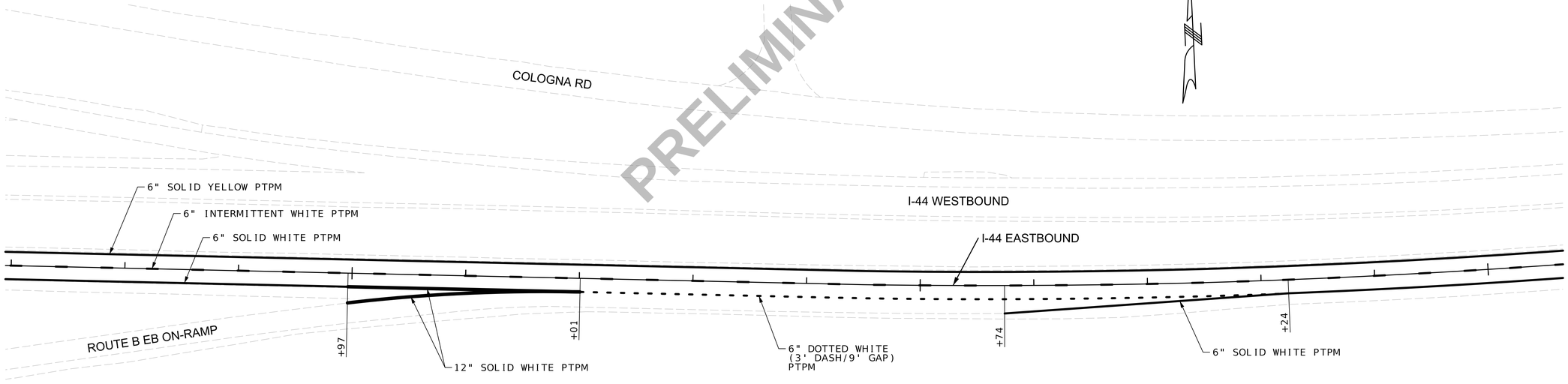


350

355

PRELIMINARY





380

385

390

SCALE

0 50 100 150

PAVEMENT MARKING DETAIL
RAMPS AT ROUTE B

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	148

COUNTY
WEBSTER

JOB NO.
J713010

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

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

END 6" SOLID WHITE LINE AND
12" SOLID WHITE LINE
AT STA. 0+00.00

12" SOLID WHITE

BEGIN 12" SOLID WHITE LINE AND
END 6" DOTTED WHITE LINE
AT STA. 2+06.05

6" SOLID WHITE

6" DOTTED WHITE

BEGIN 6" SOLID WHITE LINE
AT STA. 10+73.77

BEGIN 6" DOTTED WHITE LINE
AT STA. 0+00.00

PRELIMINARY

SCALE
0 50 100 150

PAVEMENT MARKING
SHEET 2 OF 8
DECEL LANES-1 OF 7
(RTE. B-1 OF 1)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	149

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

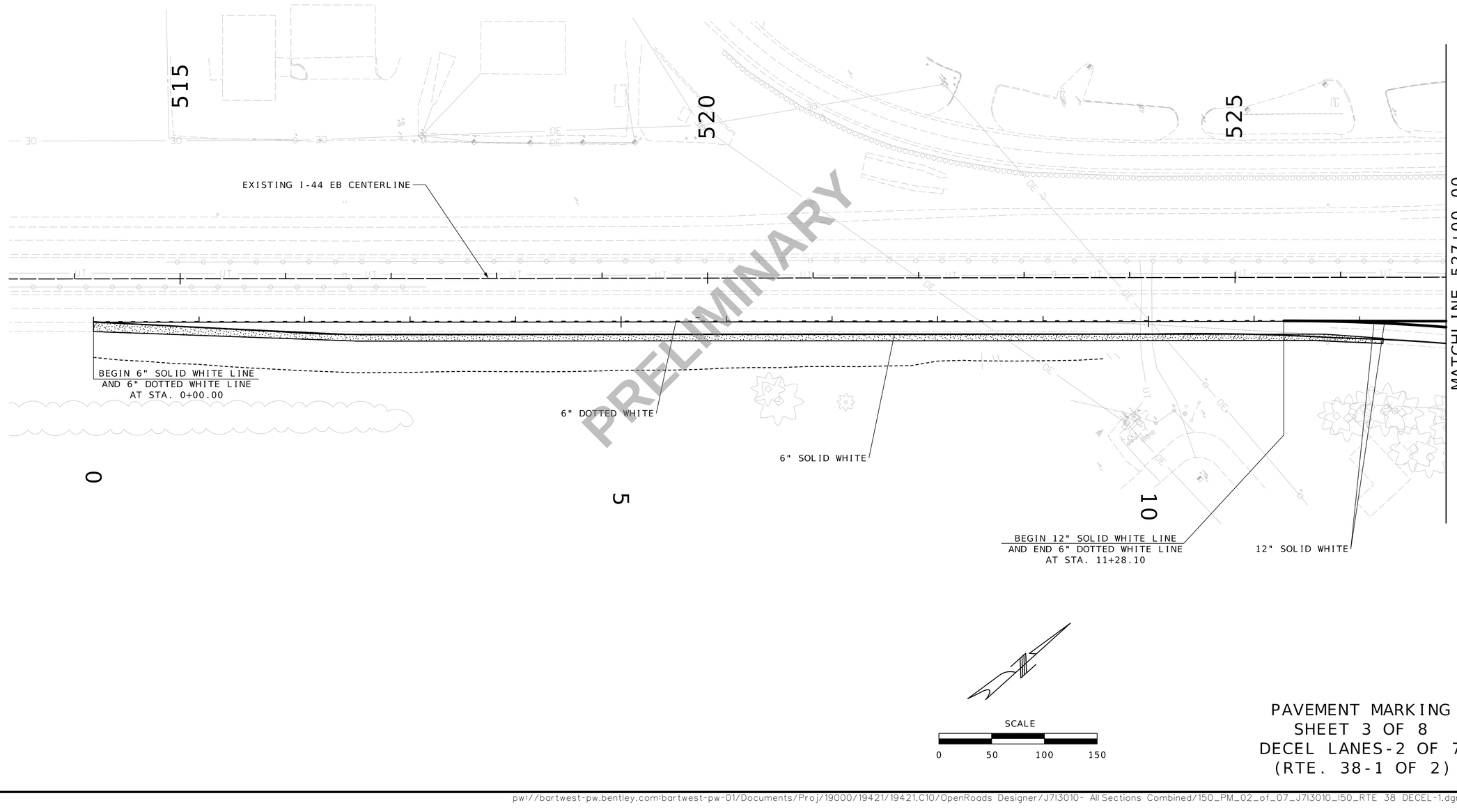
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

PAVEMENT MARKING
SHEET 3 OF 8
DECEL LANES-2 OF 7
(RTE. 38-1 OF 2)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	150

COUNTY: WEBSTER

JOB NO.: J7I3010

CONTRACT ID.:

PROJECT NO.:

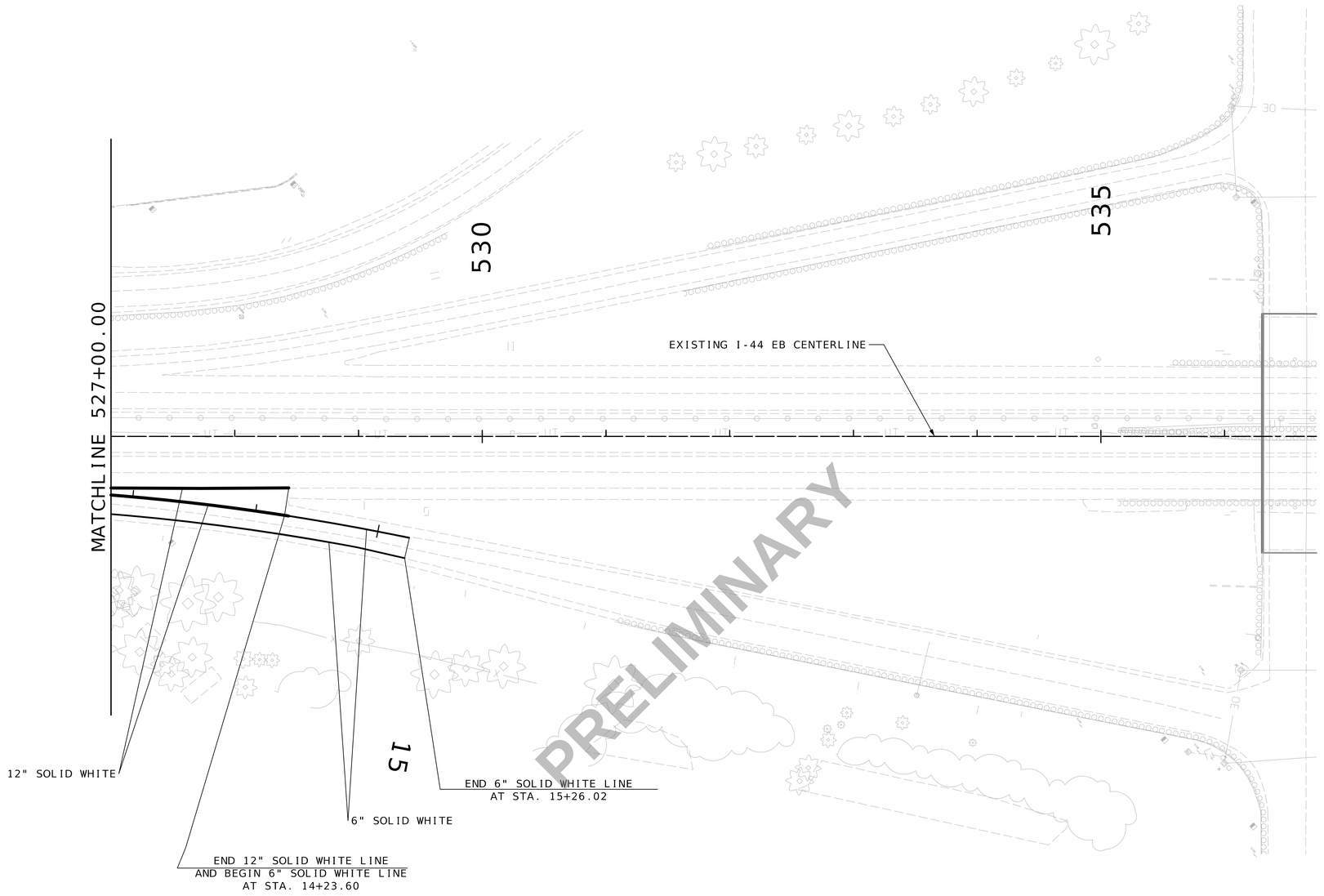
BRIDGE NO.:

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SCALE

0 50 100 150

PAVEMENT MARKING
SHEET 4 OF 8
DECEL LANES-3 OF 7
(RTE. 38-2 OF 2)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	151

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

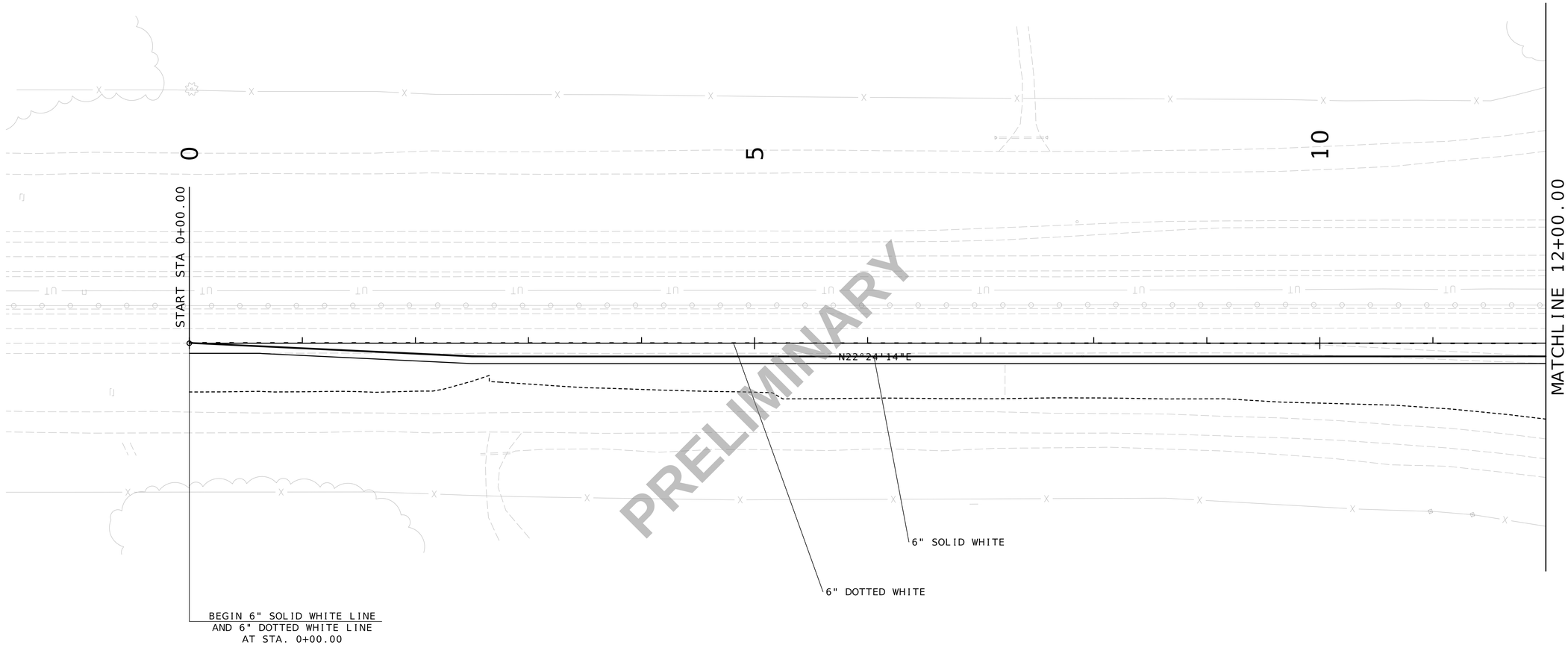
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SCALE

0 50 100 150

PAVEMENT MARKING
SHEET 5 OF 8
DECEL LANES-4 OF 7
(SAMPSON RD.-1 OF 2)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	152

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

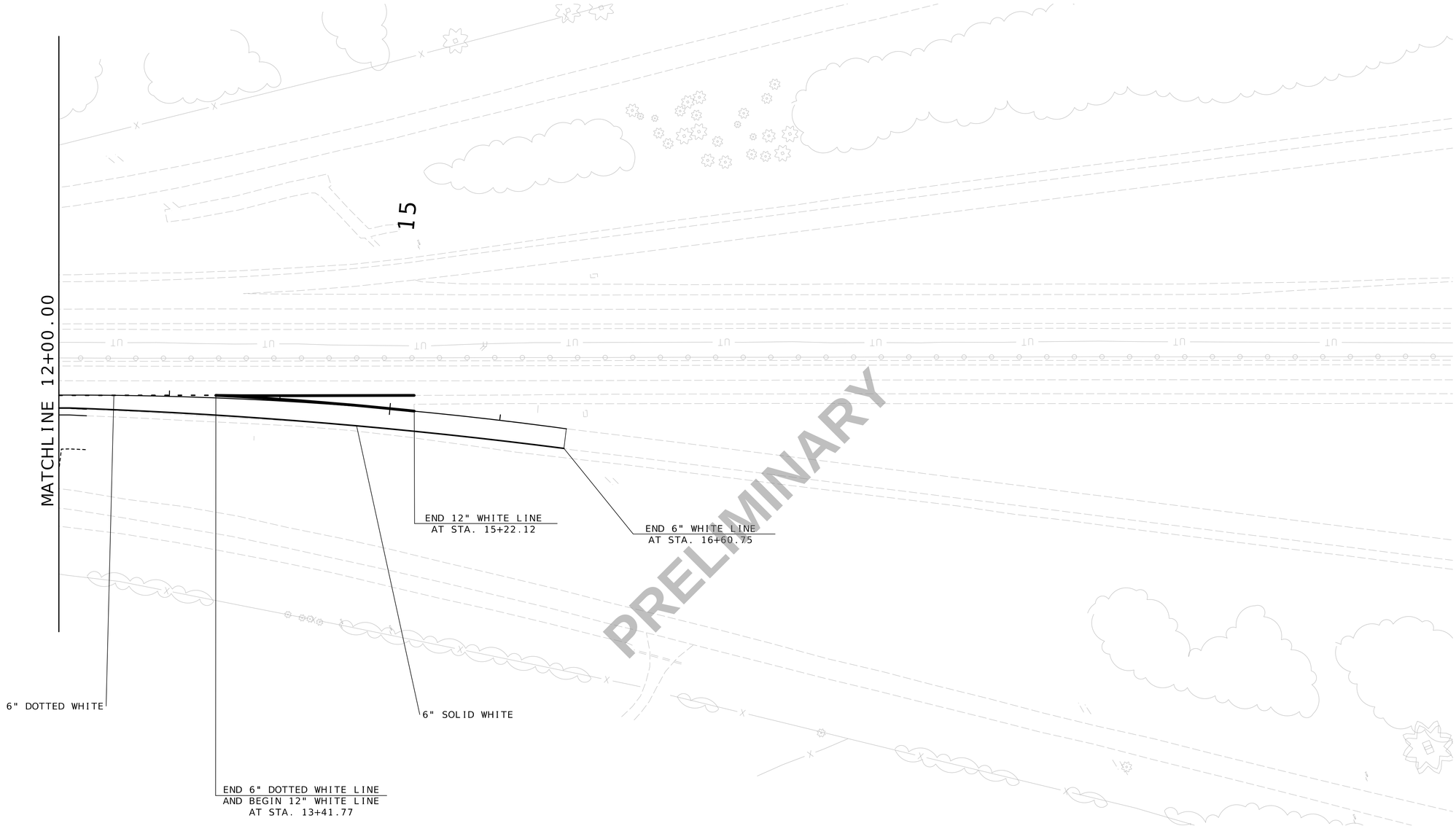
DESCRIPTION	DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



SCALE
0 50 100 150

PAVEMENT MARKING
SHEET 6 OF 8
DECEL LANES-5 OF 7
(SAMPSON RD.-2 OF 2)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	153

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

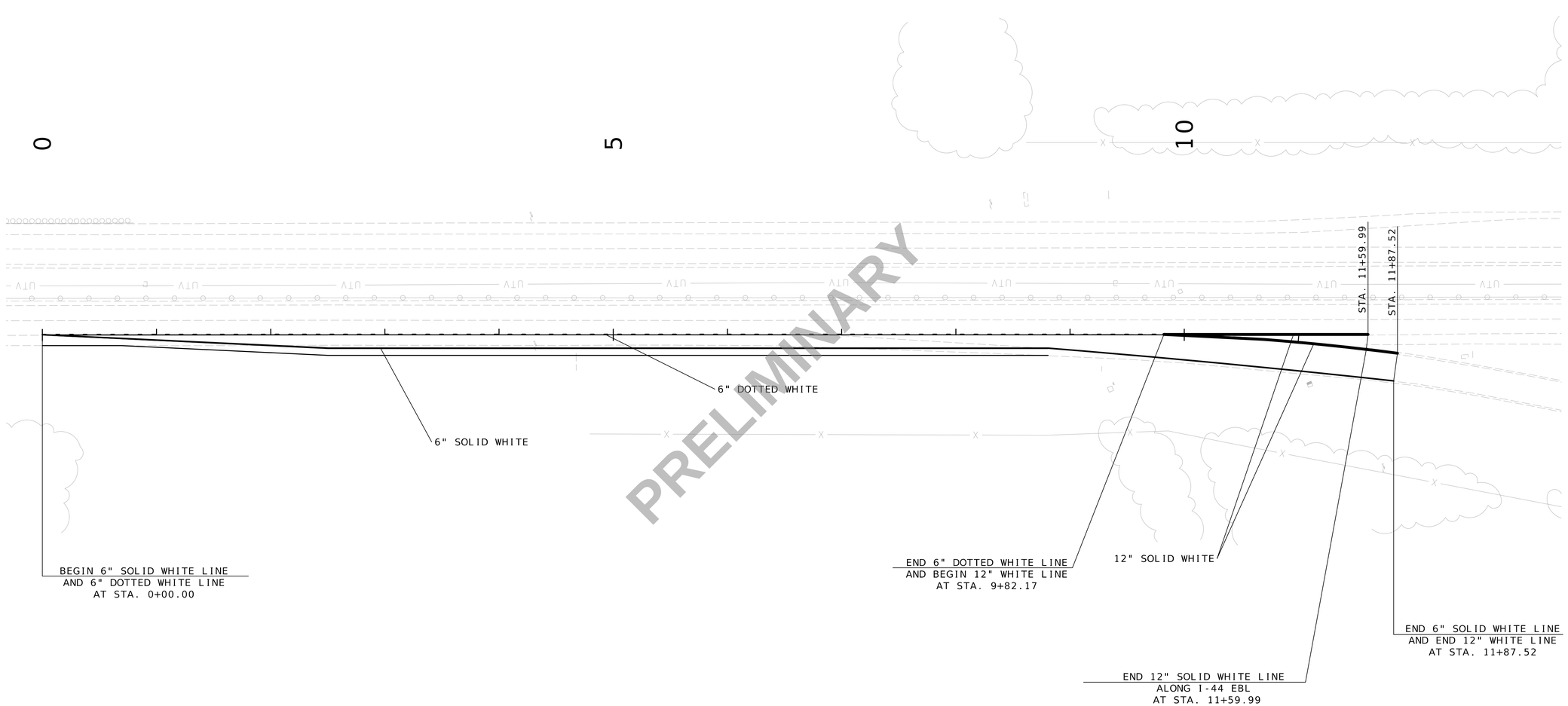
BRIDGE NO.

DESCRIPTION	DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PRELIMINARY

PAVEMENT MARKING
SHEET 7 OF 8
DECEL LANES-6 OF 7
(EB CONWAY REST AREA-1 OF 1)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	154

COUNTY: WEBSTER

JOB NO.: J7I3010

CONTRACT ID.:

PROJECT NO.:

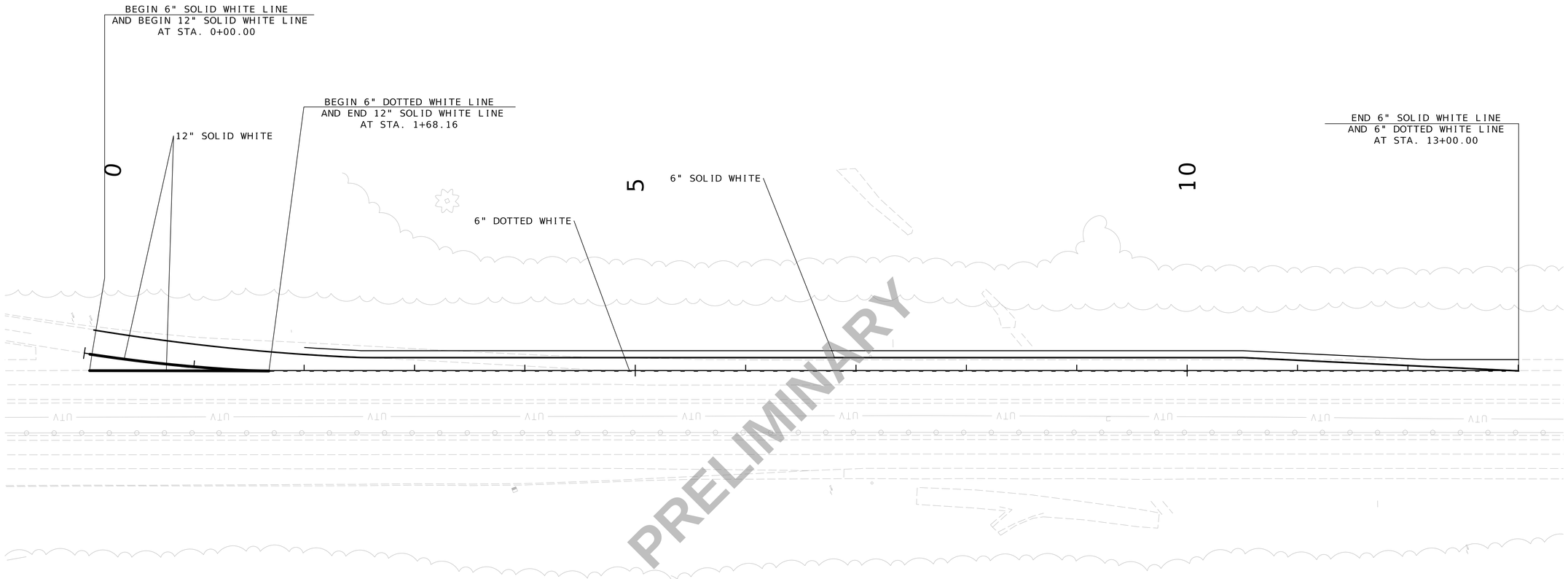
BRIDGE NO.:

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

SCALE

0 50 100 150

PAVEMENT MARKING
SHEET 8 OF 8
DECEL LANES-7 OF 7
(WB CONWAY REST AREA-1 OF 1)

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	155

COUNTY WEBSTER

JOB NO. J713010

CONTRACT ID.

PROJECT NO.

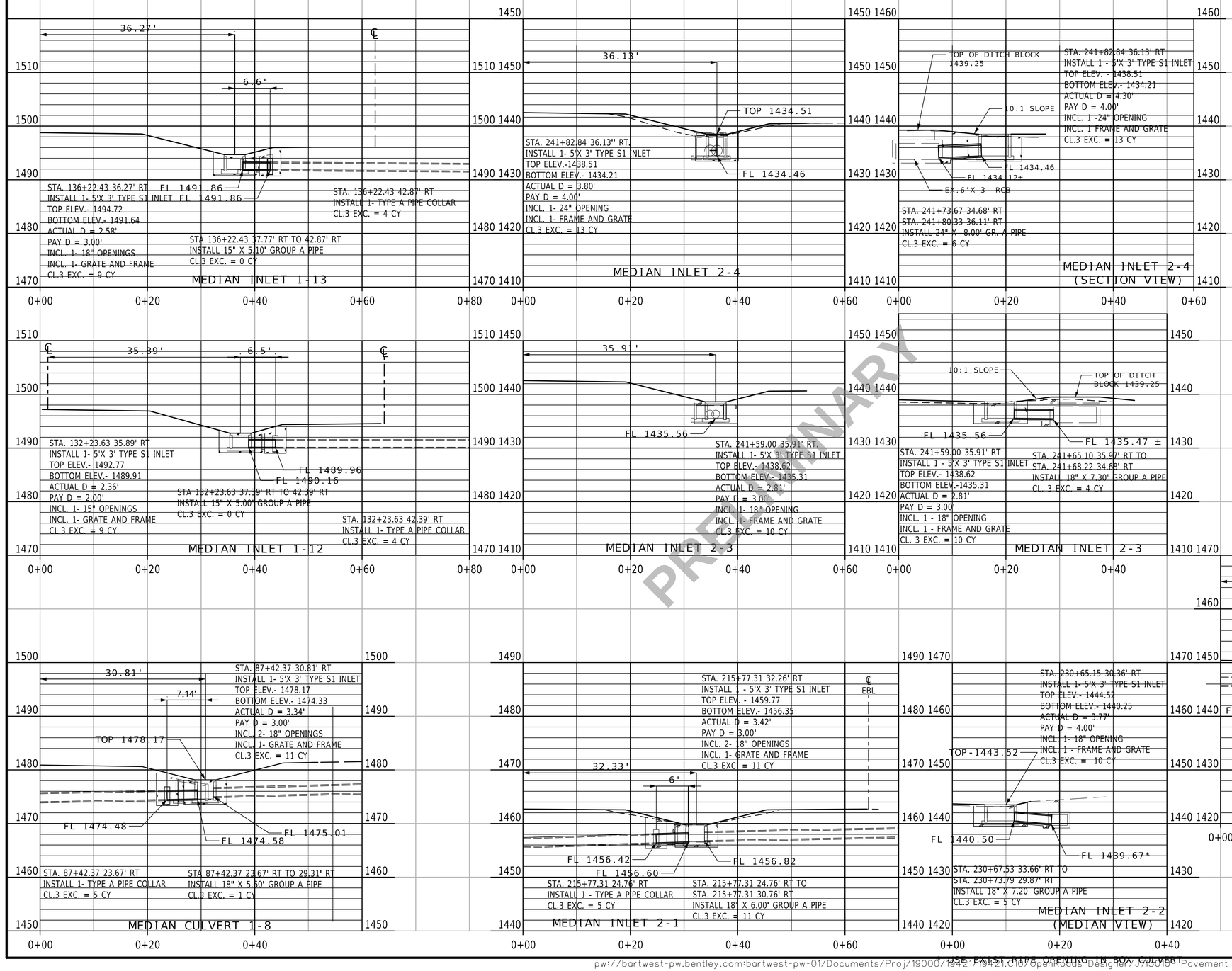
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

USE EXIST. PIPE OPENING IN BOX CULVERT

DATE PREPARED
8/18/2023

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	156

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

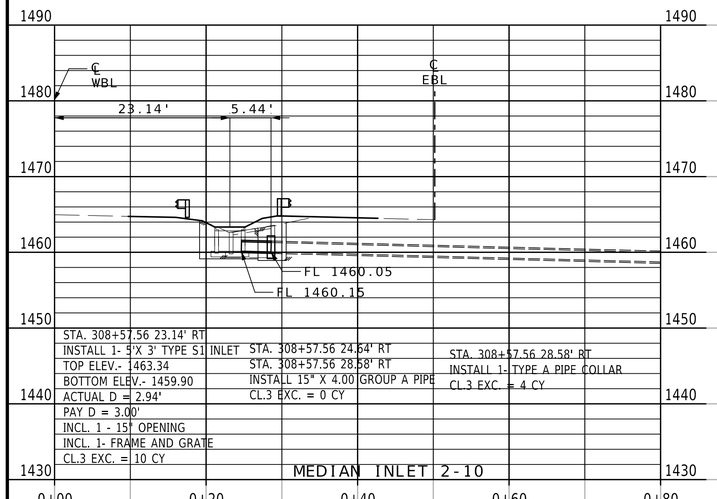
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

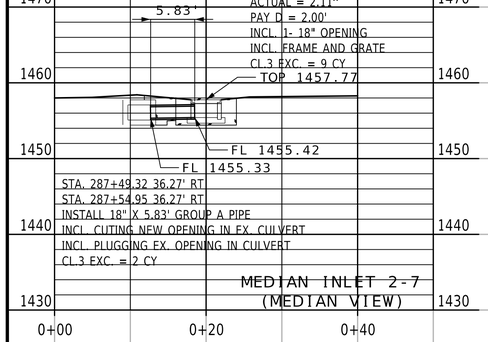


STA. 308+57.56 23.14' RT
INSTALL 1- 5'X 3' TYPE S1 INLET
TOP ELEV.- 1463.34
BOTTOM ELEV.- 1459.90
ACTUAL D = 2.94'
PAY D = 3.00'
INCL. 1 - 15" OPENING
INCL. 1- FRAME AND GRATE
CL.3 EXC. = 10 CY

STA. 308+57.56 24.64' RT
STA. 308+57.56 28.58' RT
INSTALL 15" X 4.00 GROUP A PIPE
CL.3 EXC. = 0 CY

STA. 308+57.56 28.58' RT
INSTALL 1- TYPE A PIPE COLLAR
CL.3 EXC. = 4 CY

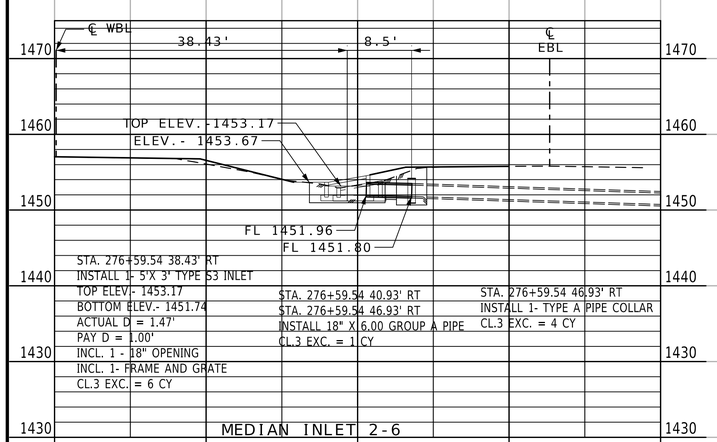
MEDIAN INLET 2-10



STA. 287+53.11 36.27' RT
INSTALL 1 - 5'X 3' TYPE S1 INLET
TOP ELEV. - 1457.77
BOTTOM ELEV. - 1455.16
ACTUAL = 2.11"
PAY D = 2.00'
INCL. 1- 18" OPENING
INCL. FRAME AND GRATE
CL.3 EXC. = 9 CY

STA. 287+49.32 36.27' RT
STA. 287+54.95 36.27' RT
INSTALL 18" X 5.83' GROUP A PIPE
INCL. CUTING NEW OPENING IN EX. CULVERT
INCL. PLUGGING EX. OPENING IN CULVERT
CL.3 EXC. = 2 CY

MEDIAN INLET 2-7
(MEDIAN VIEW)

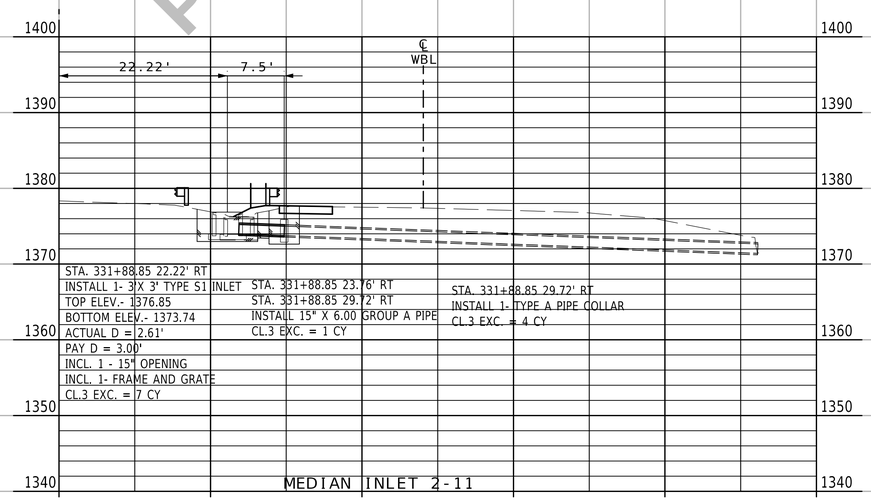


STA. 276+59.54 38.43' RT
INSTALL 1- 5'X 3' TYPE S3 INLET
TOP ELEV- 1453.17
BOTTOM ELEV.- 1451.74
ACTUAL D = 1.47'
PAY D = 1.00'
INCL. 1 - 18" OPENING
INCL. 1- FRAME AND GRATE
CL.3 EXC. = 6 CY

STA. 276+59.54 40.93' RT
STA. 276+59.54 46.93' RT
INSTALL 18" X 6.00 GROUP A PIPE
CL.3 EXC. = 1 CY

STA. 276+59.54 46.93' RT
INSTALL 1- TYPE A PIPE COLLAR
CL.3 EXC. = 4 CY

MEDIAN INLET 2-6



STA. 331+88.85 22.22' RT
INSTALL 1- 3'X 3' TYPE S1 INLET
TOP ELEV.- 1376.85
BOTTOM ELEV.- 1373.74
ACTUAL D = 2.61'
PAY D = 3.00'
INCL. 1 - 15" OPENING
INCL. 1- FRAME AND GRATE
CL.3 EXC. = 7 CY

STA. 331+88.85 23.76' RT
STA. 331+88.85 29.72' RT
INSTALL 15" X 6.00 GROUP A PIPE
CL.3 EXC. = 1 CY

STA. 331+88.85 29.72' RT
INSTALL 1- TYPE A PIPE COLLAR
CL.3 EXC. = 4 CY

MEDIAN INLET 2-11

10'

MEDIAN INLET SECTION
SHEET 2 OF 8
PAVEMENT REPLACEMENT-
2 OF 2

PRELIMINARY

DATE PREPARED
8/18/2023

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	157

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

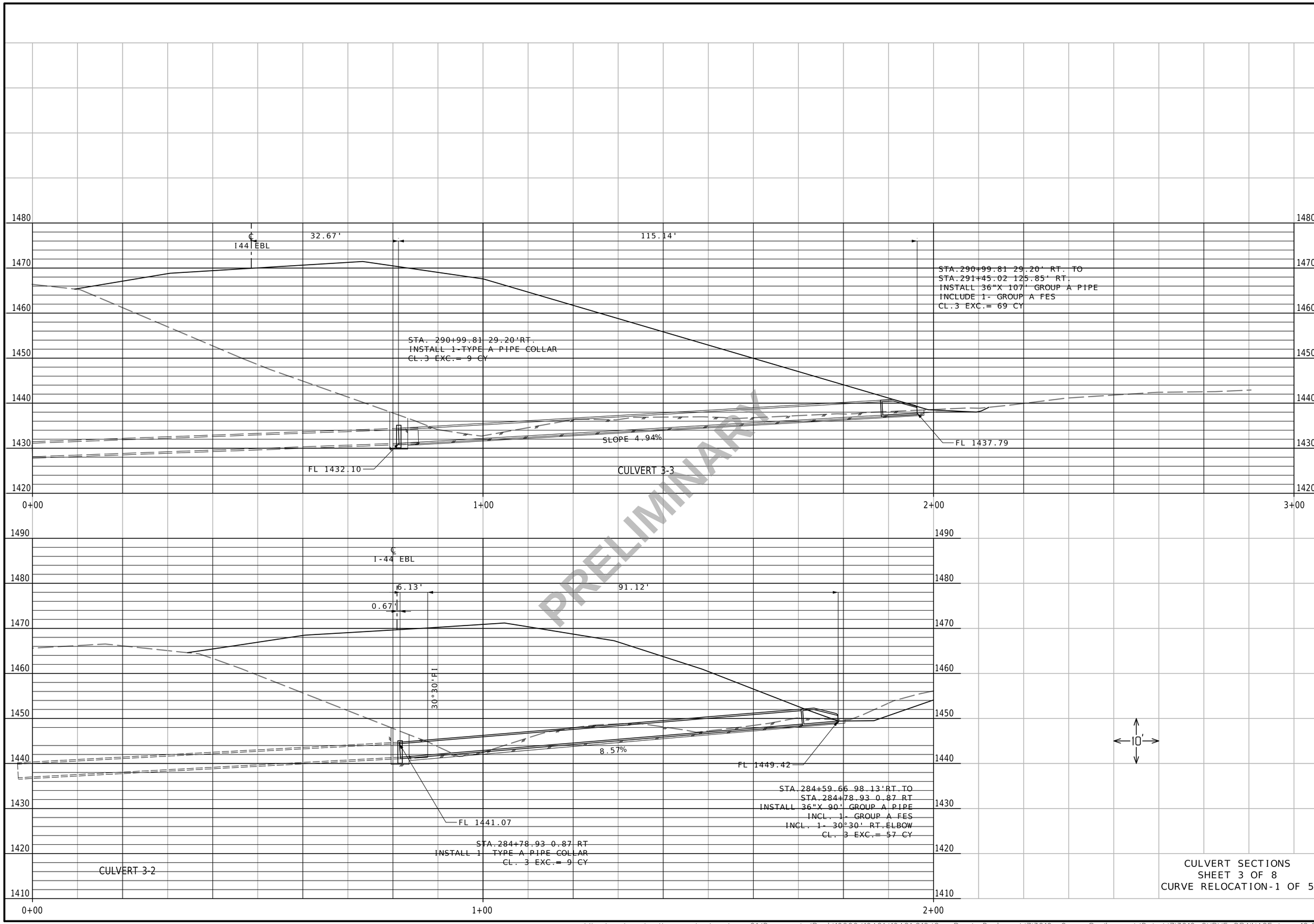
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PRELIMINARY

CULVERT SECTIONS
SHEET 3 OF 8
CURVE RELOCATION-1 OF 5

DATE PREPARED
8/18/2023

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	158

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

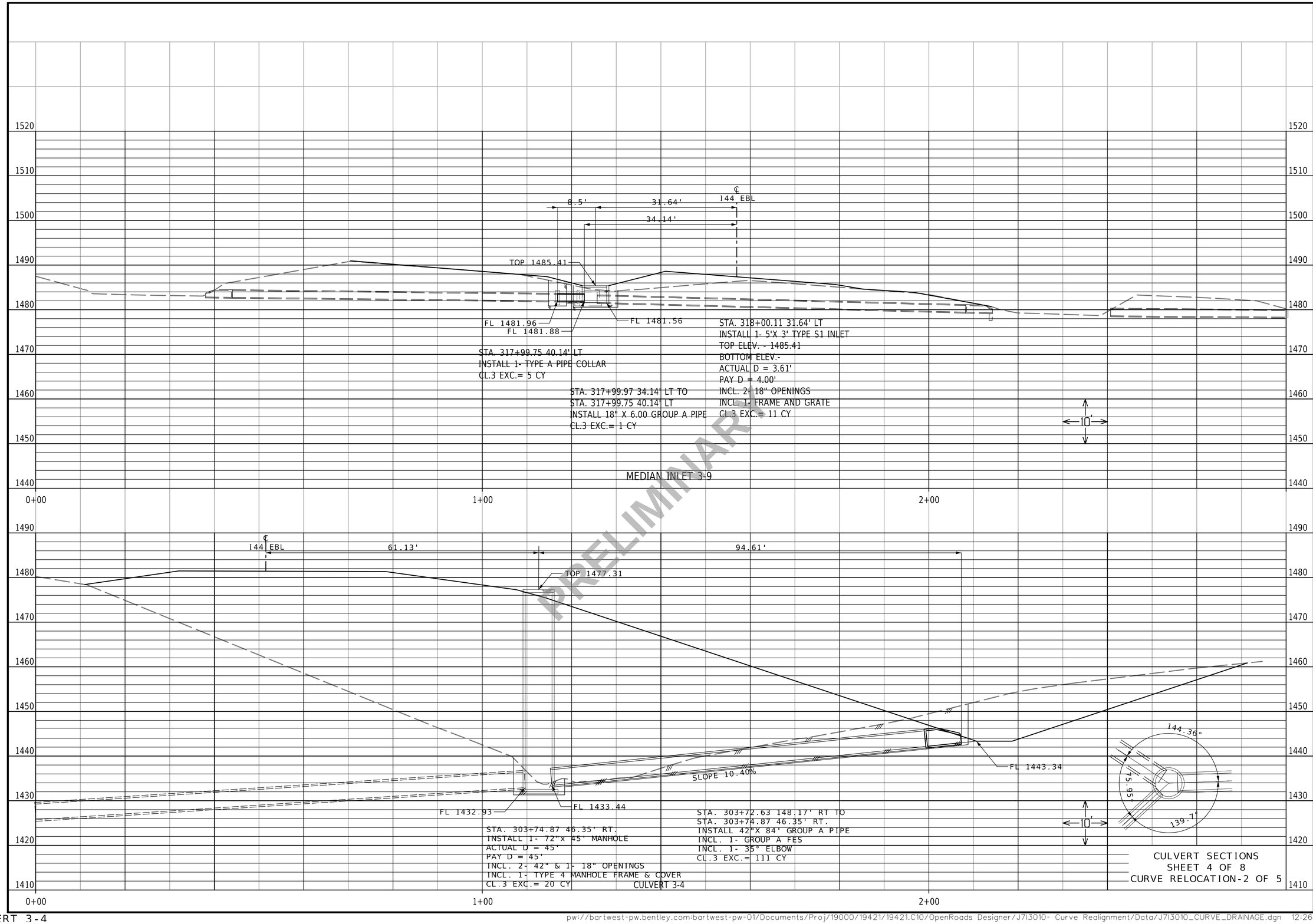
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

DATE PREPARED
8/18/2023

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	159

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

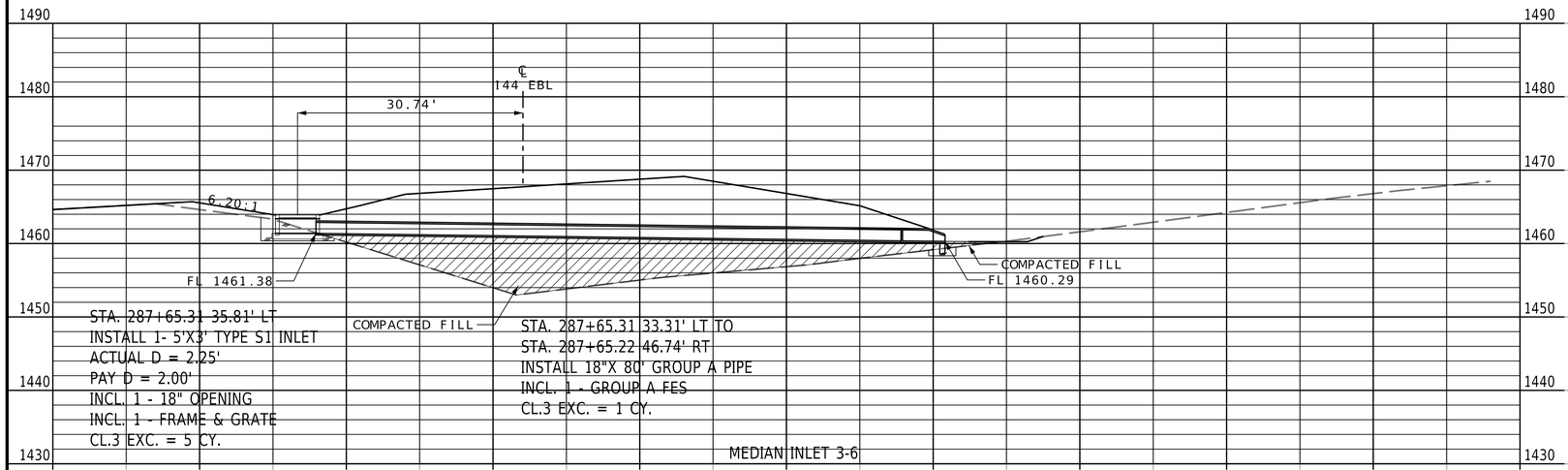
DESCRIPTION	DATE

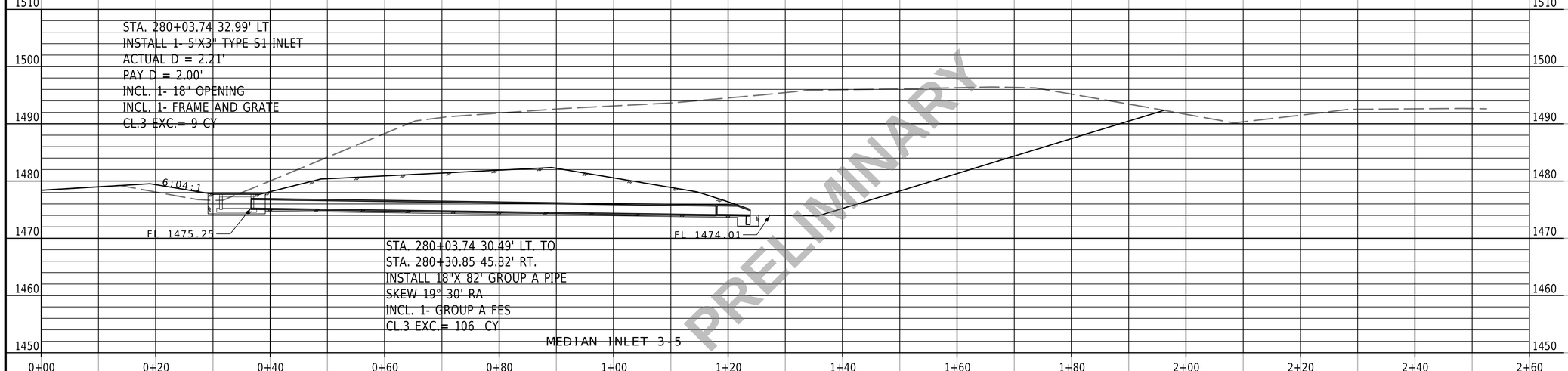
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

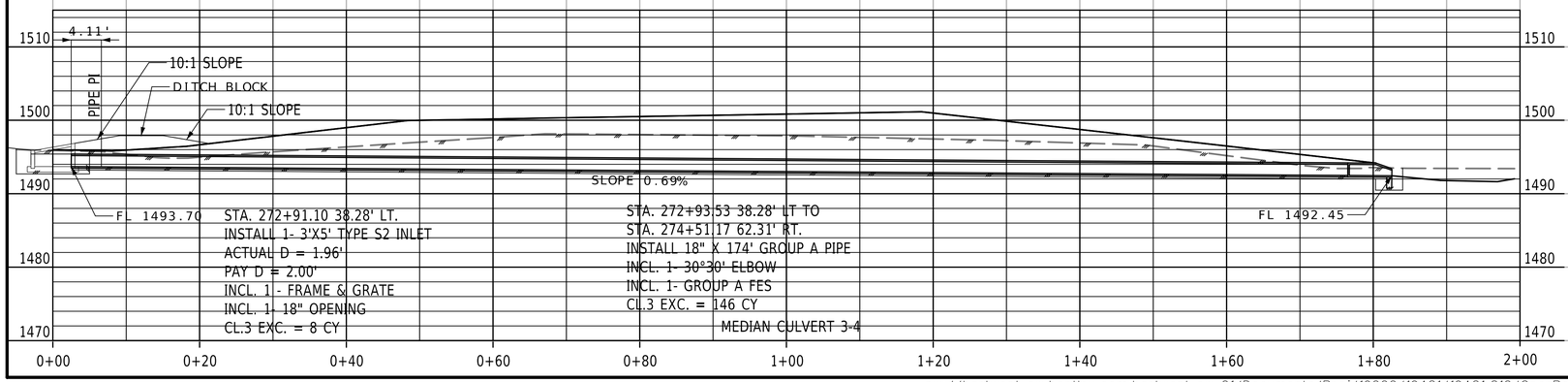
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

:RT 3-4







PRELIMINARY

10'

CULVERT SECTIONS
SHEET 5 OF 8
CURVE RELOCATION-3 OF 5

DATE PREPARED
8/18/2023

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	160

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

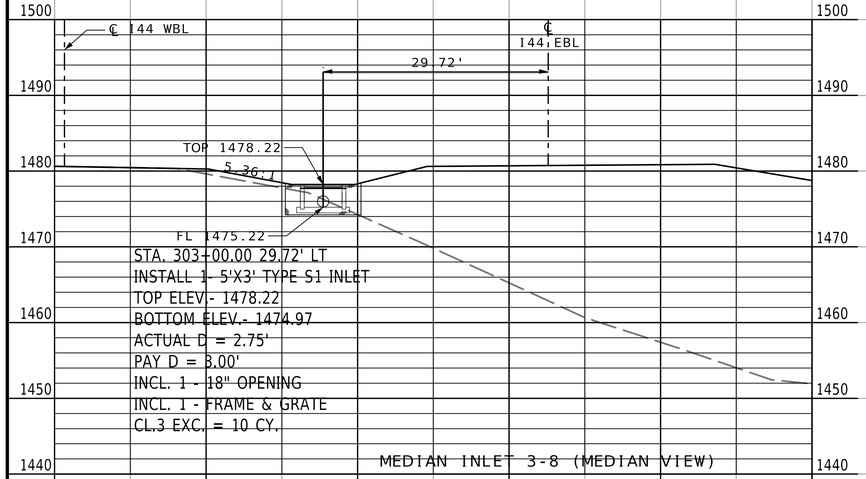
BRIDGE NO.

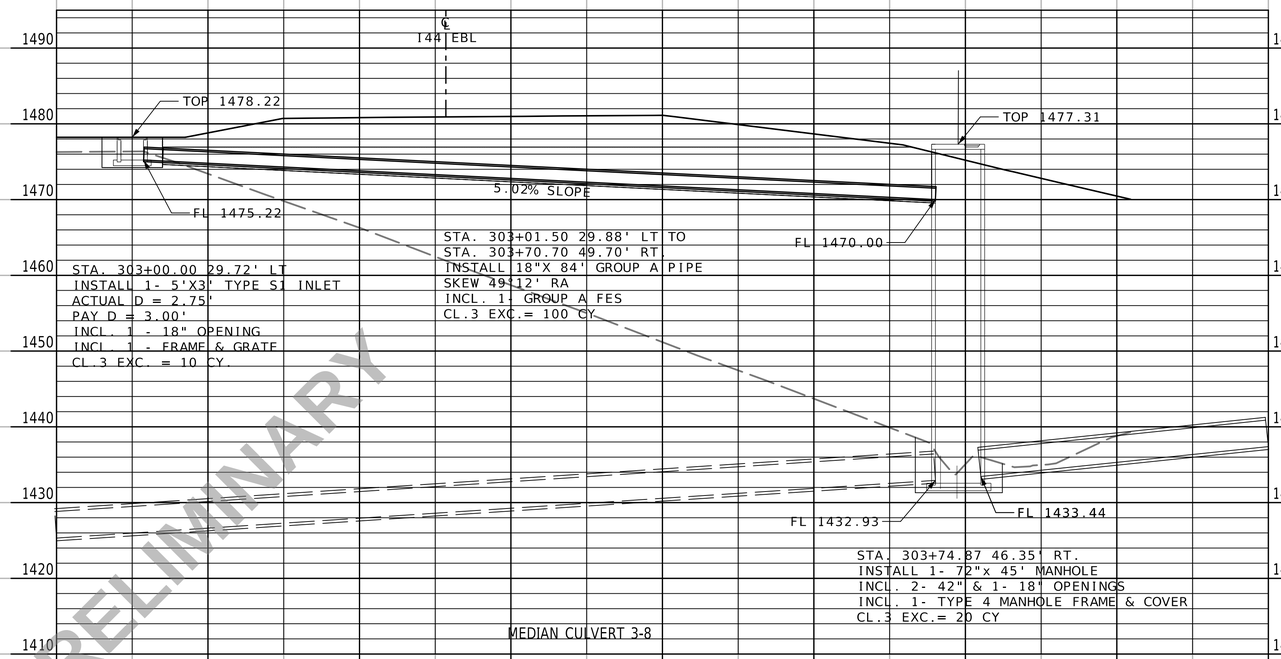
DESCRIPTION	DATE

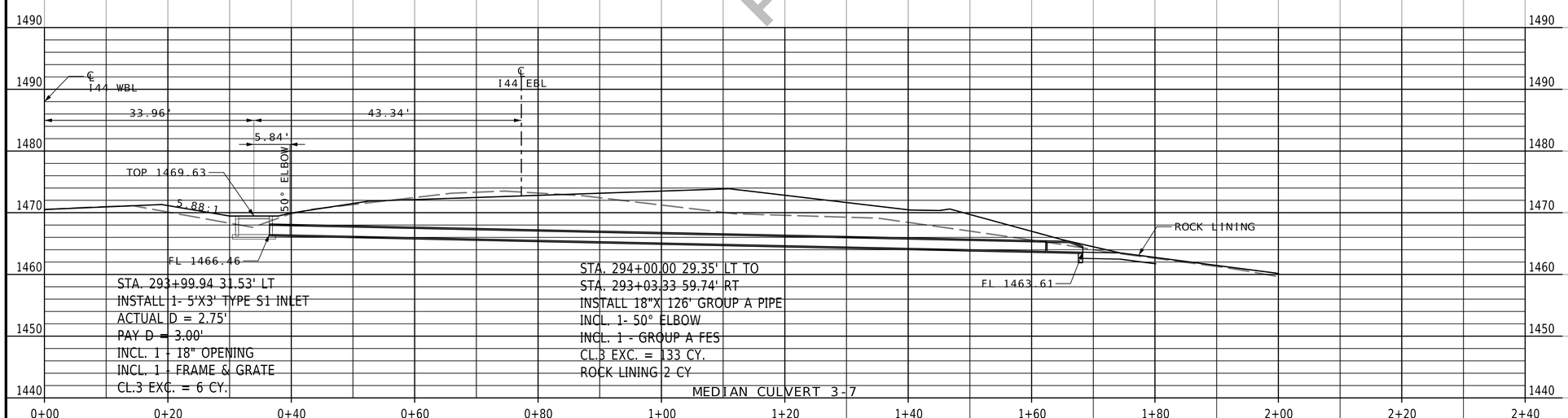
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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







PRELIMINARY

CULVERT SECTIONS
SHEET 6 OF 8
CURVE RELOCATION-4 OF 5

DATE PREPARED
8/18/2023

ROUTE	STATE
I-44	MO

DISTRICT	SHEET NO.
SW	161

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

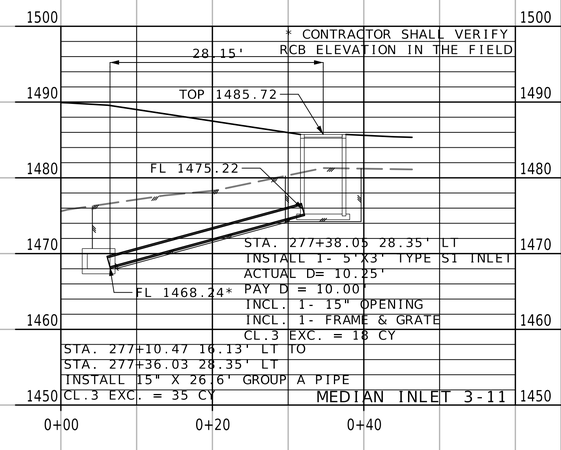
BRIDGE NO.

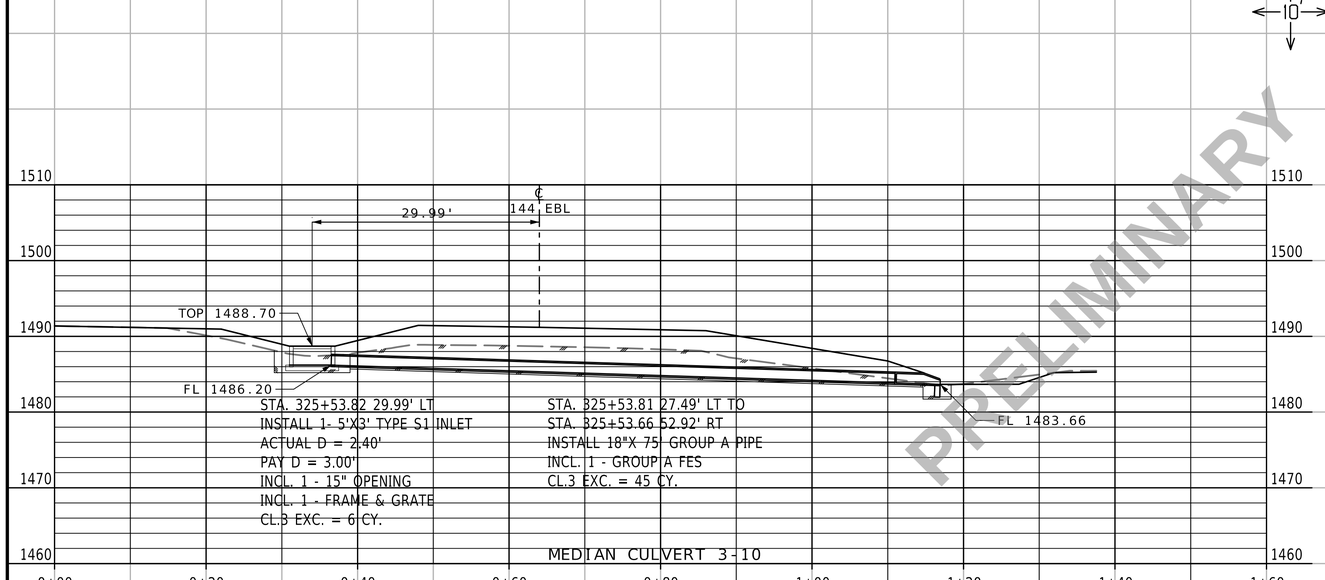
DESCRIPTION	DATE

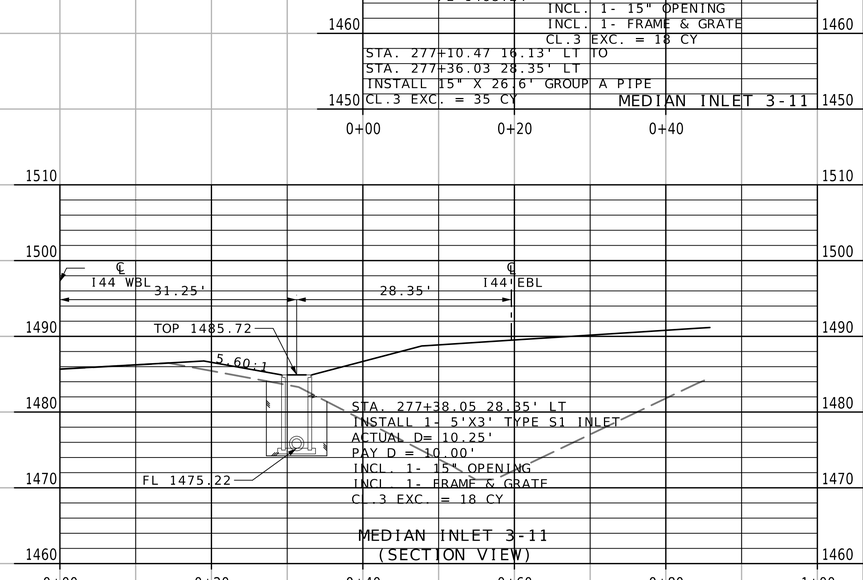
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

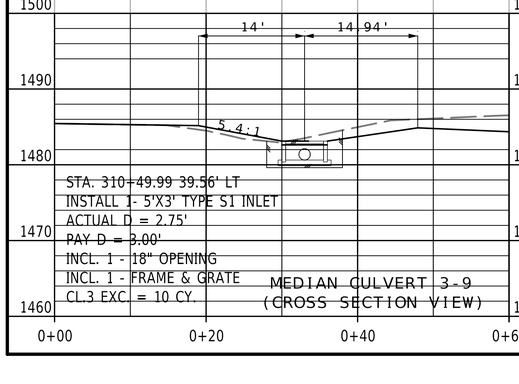
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

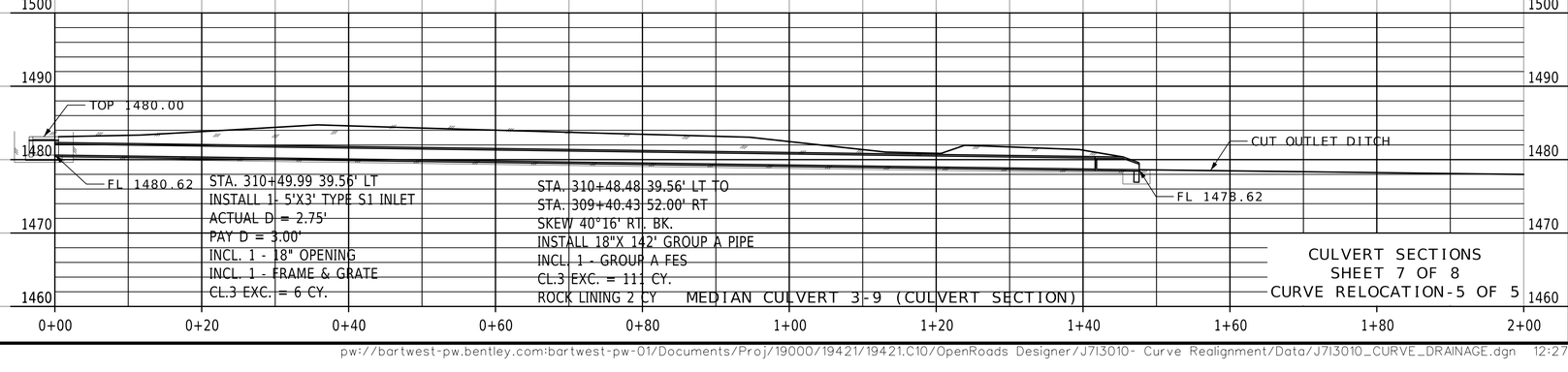
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.











PRELIMINARY

CULVERT SECTIONS
SHEET 7 OF 8
CURVE RELOCATION-5 OF 5

DATE PREPARED
8/18/2023

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	162

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

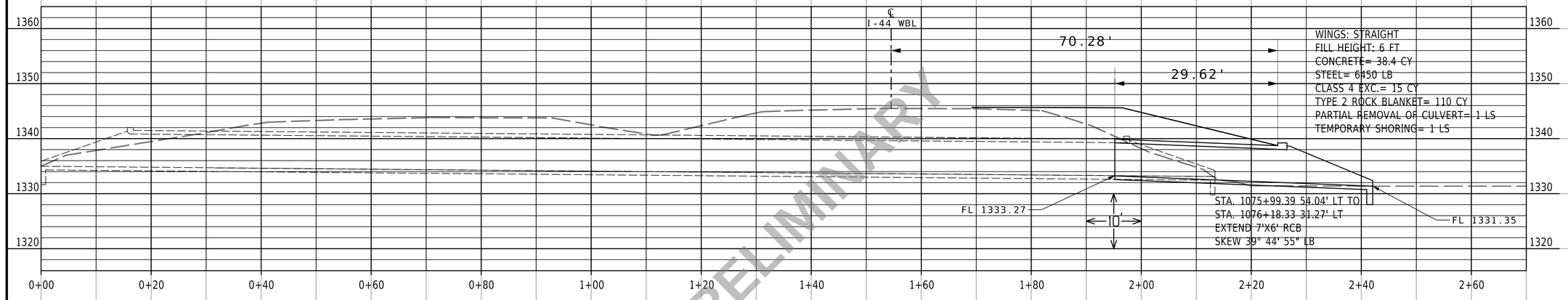
BRIDGE NO.

DESCRIPTION	DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PRELIMINARY

CULVERT SECTIONS
SHEET 8 OF 8
WB CONWAY DECEL LANE-1 OF 1

DATE PREPARED
8/18/2023

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	163

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

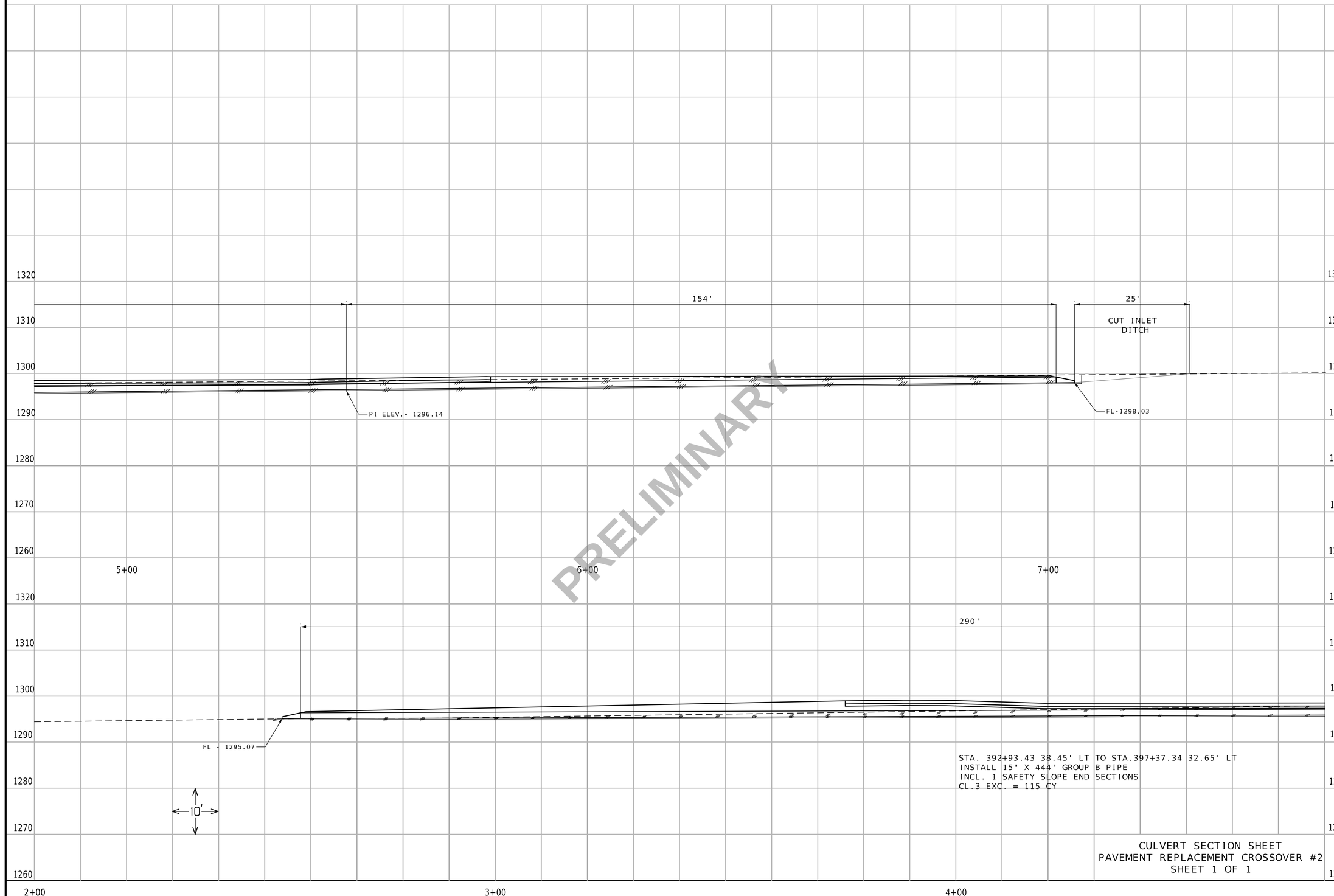
DESCRIPTION

DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PRELIMINARY

STA. 392+93.43 38.45' LT TO STA.397+37.34 32.65' LT
INSTALL 15" X 444' GROUP B PIPE
INCL. 1 SAFETY SLOPE END SECTIONS
CL.3 EXC. = 115 CY

CULVERT SECTION SHEET
PAVEMENT REPLACEMENT CROSSOVER #2
SHEET 1 OF 1

DATE PREPARED
8/18/2023

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	164

COUNTY
WEBSTER

JOB NO.
J7I3010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

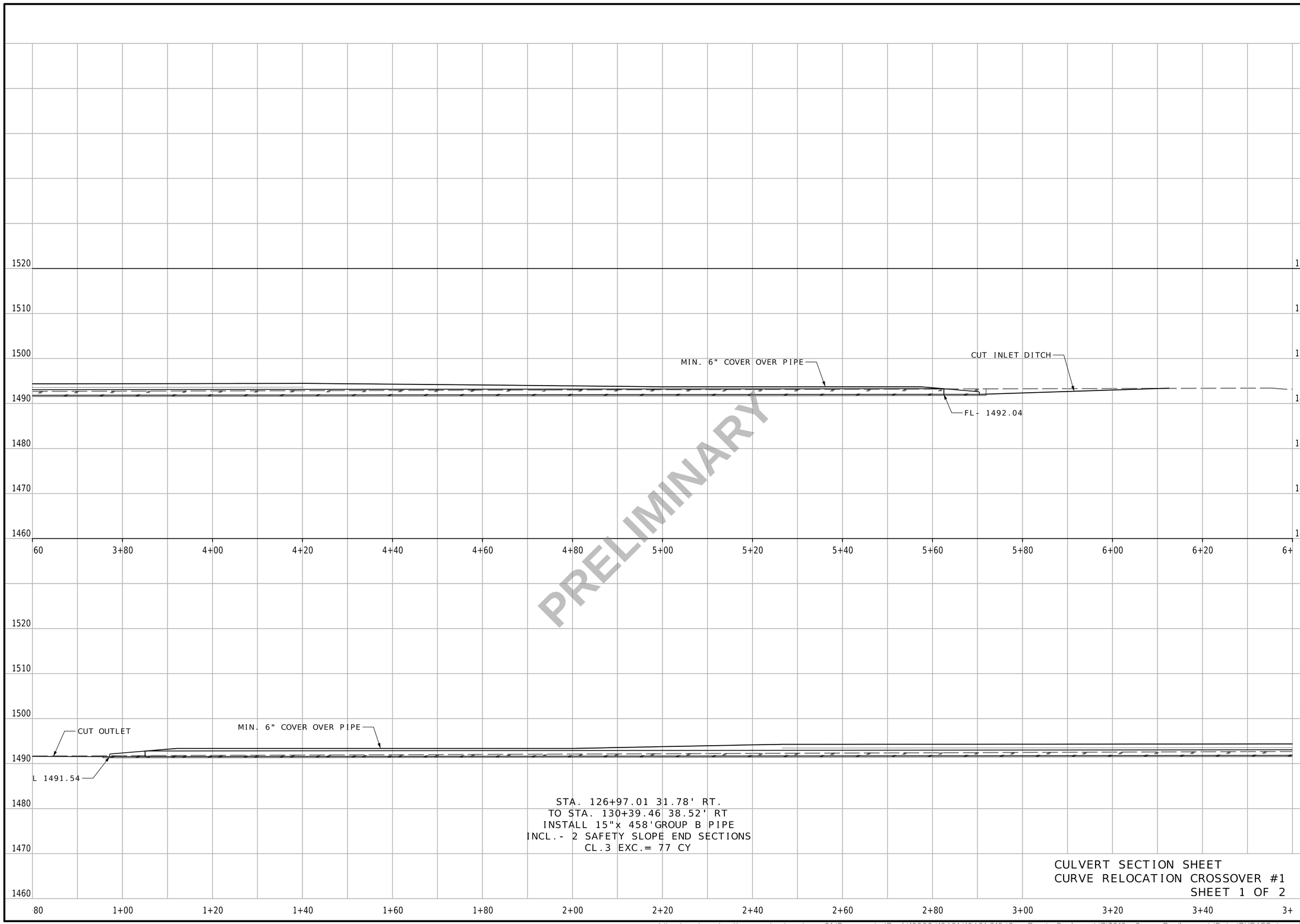
DESCRIPTION	DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



STA. 126+97.01 31.78' RT.
TO STA. 130+39.46 38.52' RT
INSTALL 15"x 458'GROUP B PIPE
INCL.- 2 SAFETY SLOPE END SECTIONS
CL.3 EXC.= 77 CY

CULVERT SECTION SHEET
CURVE RELOCATION CROSSOVER #1
SHEET 1 OF 2

DATE PREPARED
8/18/2023

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	165

COUNTY
WEBSTER

JOB NO.
J713010

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

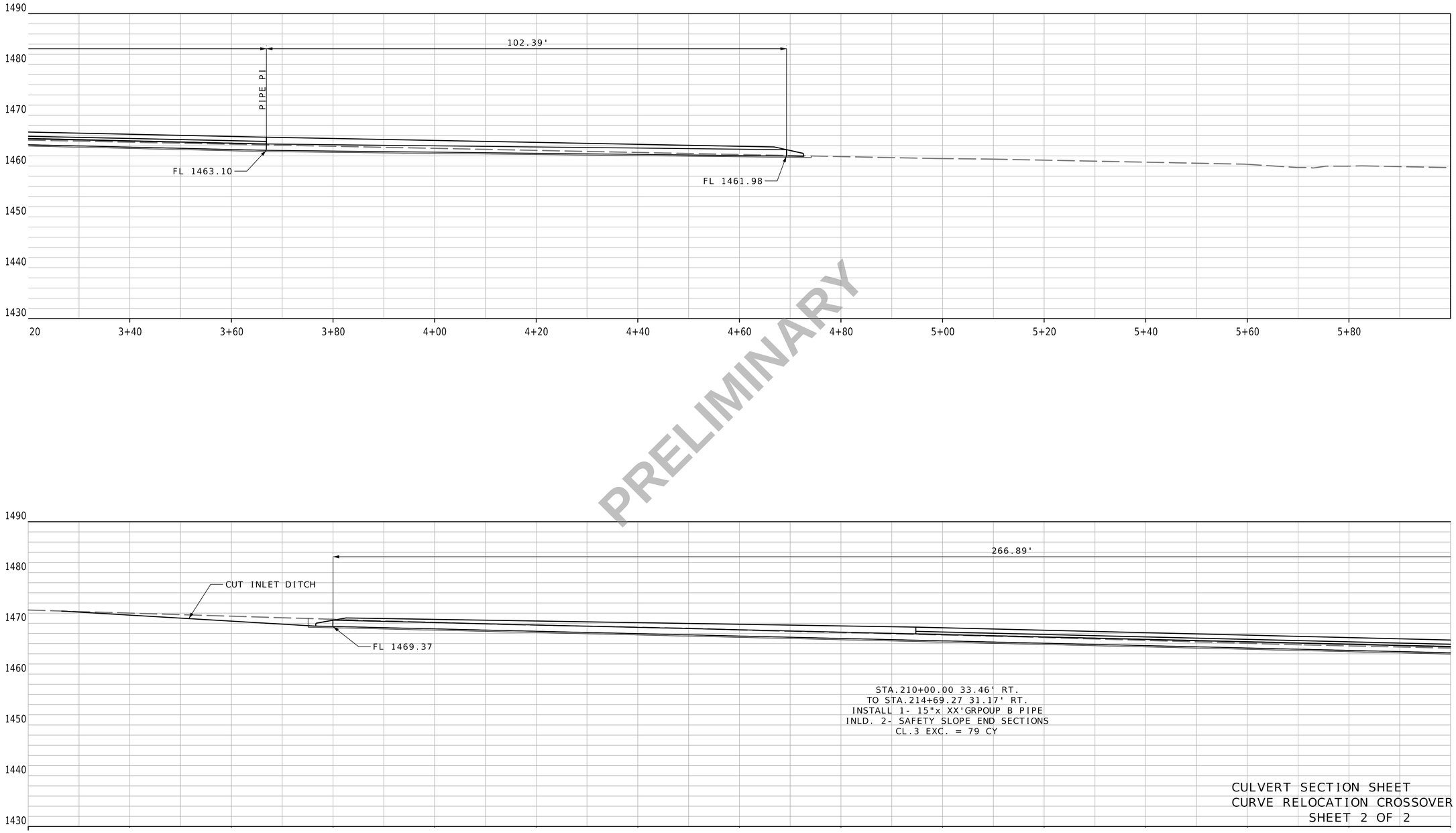
DESCRIPTION	DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

CULVERT SECTION SHEET
CURVE RELOCATION CROSSOVER #2
SHEET 2 OF 2

DATE PREPARED
8/18/2023

ROUTE	STATE
I-44	MO

DISTRICT	SHEET NO.
SW	166

COUNTY
WEBSTER

JOB NO.
J713010

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY PAVEMENT REPLACEMENT GREENE COUNTY

DESIGN DESIGNATION

I-44 E/O MO125

A.A.D.T. - 2024 = 36243

A.A.D.T. - 2044 = 40221

T = 35%

V = 70 M.P.H.

D = 50%

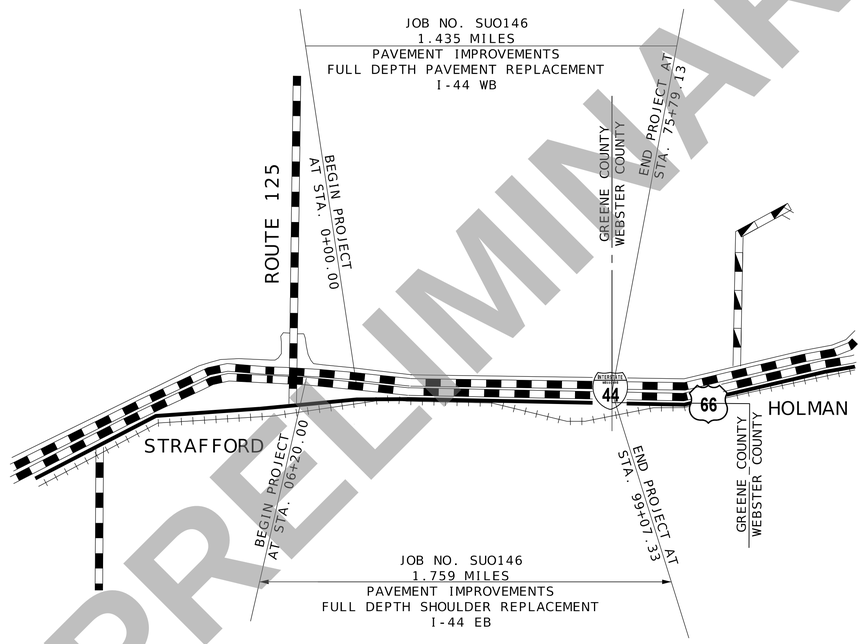
FUNCTIONAL CLASSIFICATION - INTERSTATE

NO NEW RIGHT OF WAY REQUIRED

NO TEMPORARY CONSTRUCTION EASEMENTS REQUIRED



LOCATION MAP
SHOWING LOCATION OF GREENE COUNTY



NOT TO SCALE

PRELIMINARY

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	DI	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	-V-	
WOVEN WIRE	-X-	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

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) (2 SHEETS)	2
QUANTITIES (QU) (3 SHEETS)	3
PLAN-PROFILE (PP)	4-7
REFERENCE POINTS (RP)	8
COORDINATE POINTS (CP)	9
SPECIAL SHEETS (SS)	10
EROSION CONTROL SHEETS (EC)	11-14
SIGNING (SN)	15-22
PAVEMENT MARKING (PM)	23-24
CULVERT SECTIONS (CS)	25-26
CROSS SECTIONS (XS)	1-26

LENGTH OF PROJECT

PAVEMENT REPLACEMENT (I-44 WB)

BEGINNING OF PROJECT	STA. 00+00.00	
END OF PROJECT	STA. 75+79.13	
APPARENT LENGTH	7,579.13	FEET
EQUATIONS AND EXCEPTIONS:	NONE	
TOTAL CORRECTIONS	0.000	FEET
NET LENGTH OF PROJECT	7,579.13	FEET
STATE LENGTH	1.435	MILES

SHOULDER REPLACEMENT (I-44 EB)

BEGINNING OF PROJECT	STA. 06+20.00	
END OF PROJECT	STA. 99+07.33	
APPARENT LENGTH	9,287.33	FEET
EQUATIONS AND EXCEPTIONS:	NONE	
TOTAL CORRECTIONS	0.000	FEET
NET LENGTH OF PROJECT	9,287.33	FEET
STATE LENGTH	1.759	MILES

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED: 3/18/2024

ROUTE: I-44 | STATE: MO

DISTRICT: SW | SHEET NO.: 1

COUNTY: GREENE

JOB NO.: JSU0146

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

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

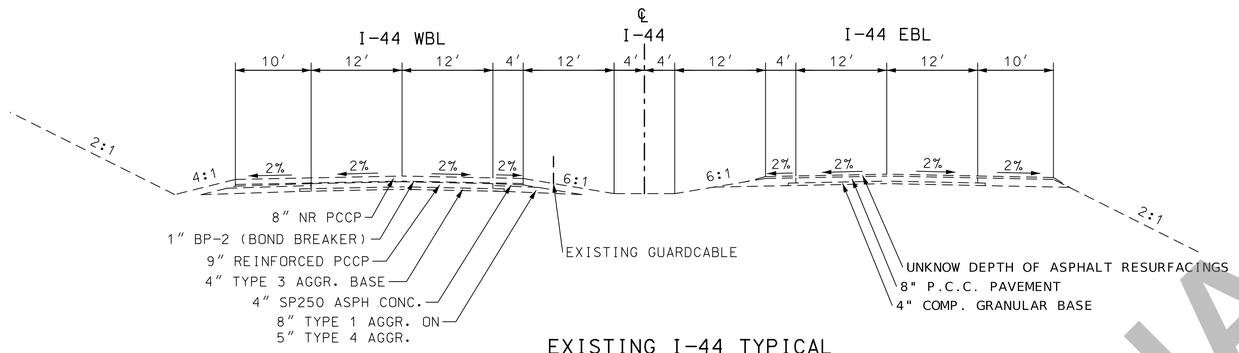
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

Bartlett & West

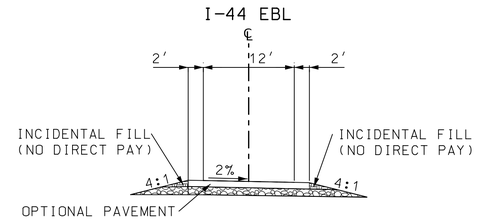
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



EXISTING I-44 TYPICAL

I-44 WB ℄
STA. 00+00.00 TO STA. 75+79.13

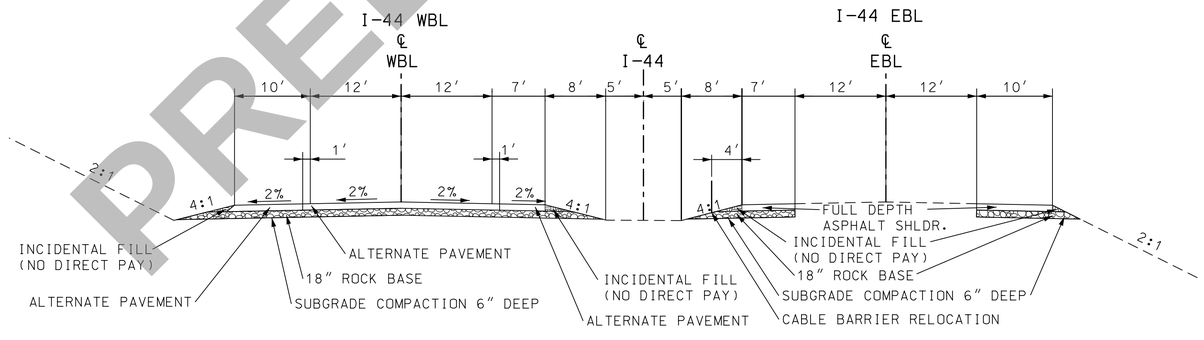
I-44 EB ℄
STA. 06+20.00 TO STA. 99+07.33



PROPOSED EB I-44 BYPASS TYPICAL

STA. 1+00.00 TO STA. 10+58.50

OPTIONAL PAVEMENT DESIGNS				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
I-44 TEMP CROSSOVERS	6″ TYPE 5 AGGREGATE BASE	10″ HMA 1¾″ SP125C W/ PG70-22 OVER 3″ SP250C W/ PG70-22 OVER 5¼″ SP250C W/PG 64-22	8″ PCCP 15FT. JOINT SPACING, 1¼″ DOWELS, EXTENDED SLAB	SAME AS PAVEMENT



PROPOSED I-44 TYPICAL

I-44 WB ℄
STA. 00+00.00 TO STA. 75+79.13

I-44 EB ℄
STA. 06+20.00 TO STA. 99+07.33

ALTERNATE PAVEMENT DESIGNS			
LOCATION	BASE TYPE	HMA DESIGN	SHOULDERS
WB I-44 MAINLINE	18″ ROCK BASE	14½″ HMA 1¾″ SP125BSMA W/ PG76-22 OVER 3″ SP250B W/ PG76-22 OVER 9 3/4″ SP250C W/ PG64-22	FULL DEPTH RUMBLE STRIPS

TYPICAL SECTION SHEET
ASPHALT ALTERNATE
SHEET 1 OF 1

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

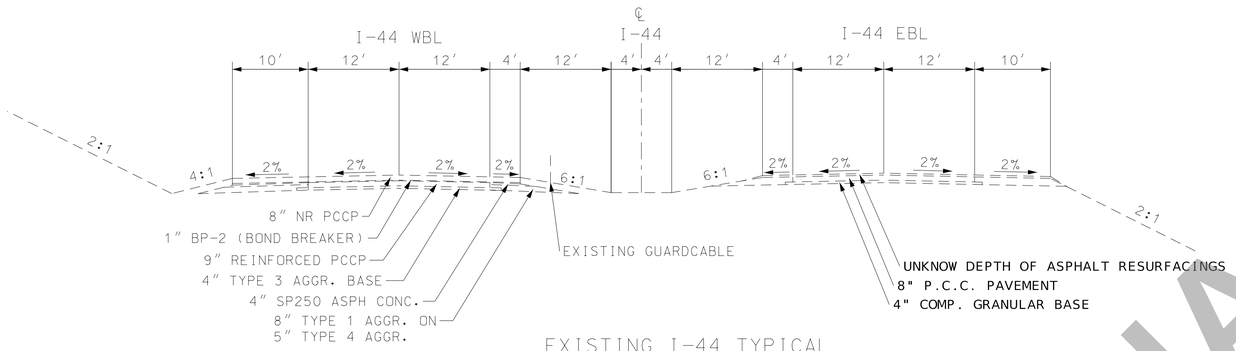
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 2
COUNTY GREENE
JOB NO. JSU0146
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

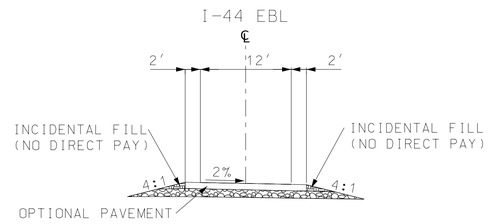
Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



EXISTING I-44 TYPICAL

I-44 WB ℄
STA. 00+00.00 TO STA. 75+79.13

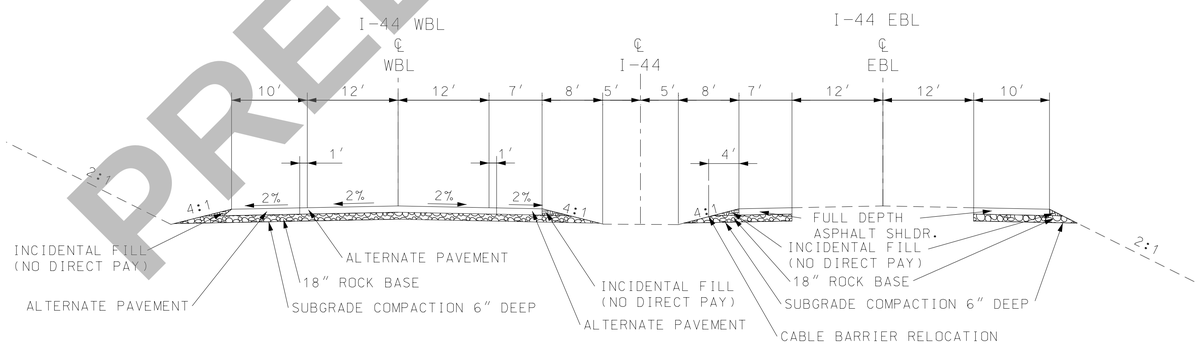
I-44 EB ℄
STA. 06+20.00 TO STA. 99+07.33



PROPOSED EB I-44 BYPASS TYPICAL

STA. 1+00.00 TO STA. 10+58.50

OPTIONAL PAVEMENT DESIGNS				
LOCATION	BASE TYPE	HMA DESIGN	PCCP DESIGN	SHOULDERS
I-44 TEMP CROSSOVERS	6" TYPE 5 AGGREGATE BASE	10" HMA 1 ¾" SP125C W/ PG70-22 OVER 3" SP250C W/ PG70-22 OVER 5¼" SP250C W/PG 64-22	8" PCCP 15FT. JOINT SPACING, 1¼" DOWELS, EXTENDED SLAB	SAME AS PAVEMENT



PROPOSED I-44 TYPICAL

I-44 WB ℄
STA. 00+00.00 TO STA. 75+79.13

I-44 EB ℄
STA. 06+20.00 TO STA. 99+07.33

ALTERNATE PAVEMENT DESIGNS			
LOCATION	BASE TYPE	PCCP DESIGN	SHOULDERS
WB I-44 MAINLINE	18" ROCK BASE	11½" JPCP 15′ JOINT 13′ WIDENED SLAB 1½" DOWELS	FULL DEPTH RUMBLE STRIPS

TYPICAL SECTION SHEET
CONCRETE ALTERNATE
SHEET 1 OF 1

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	2

COUNTY GREENE
JOB NO. JSU0146
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

PAVEMENT MARKING (PERMANENT)

ROUTE	DESCRIPTION OF LOCATION	STA.	STA.	HIGH BUILD WATERBORNE PAVMENT MARKING PAINT TYPE L BEADS			REMARKS
				6" SOLID YELLOW (LF)	6" SOLID WHITE (LF)	12" SOLID WHITE (LF)	
WB I-44	DECEL LANE				534.39		DOTTED, RTE 125 OFF RAMP GORE TO DECEL LANE TRANSITION
WB I-44	CROSSOVER			600.00	150.00		INSIDE LANE THRU CROSSOVER, SOLID YELLOW & INTERMITTENT WHITE
WB I-44	INSIDE SHOULDER	0+00.00	75+79.13	8,000.29			PAVEMENT REPLACEMENT- SU0146
WB I-44	CENTER LANE LINE	0+00.00	75+79.13		2,041.81		INTERMITTENT (10'-30')- SU0146
WB I-44	OUTSIDE SHOUDER	0+00.00	75+79.13		8,000.75		
EB I-44	CENTER LANE LINE	2+54.00	99+07.33		2,413.33		
EB I-44	INSIDE SHOULDER	6+20.00	99+07.33	9,287.33			
EB I-44	OUTSIDE SHOUDER	5+86.60	20+12.57		1,428.11		
EB I-44	OUTSIDE SHOUDER	19+33.73	21+38.56		51.25		
EB I-44	OUTSIDE SHOUDER/GORE	22+38.56	32+04.07		522.41	1,017.22	
EB I-44	ACCEL LANE	32+04.07	38+92.31		172.37		DOTTED
EB I-44	OUTSIDE SHOULDER	36+22.67	99+07.33		6,284.66		
			TOTALS	17,887.62	21,599.08	1,017.22	
			PAY TOTALS	17,888	21,599	1,017	

SEED AND MULCH

LOCATION	TEMPORARY SEED (AC)	PERMANENT SEED (AC)	PERMANENT MULCH (AC)	REMARKS
I-44 W RT	0.4	4.2	4.2	
I-44 W LT	0.3	2.7	2.7	
TOTALS	0.7	6.9	6.9	

NOTE: TEMPORARY IS 10% OF PERMANENT (ROUNDED TO NEAREST 0.10 ACRE)

MOBILIZATION

TOTAL = 1 LUMP SUM

MOBILIZATION FOR SEEDING

TOTAL = 1 EACH

CONTRACTOR FURNISHED SURVEYING AND STAKING

TOTAL = 1 LUMP SUM

OPTIONAL PAVEMENT - BYPASS

ROUTE	STATION	STATION	LENGTH (FT)	WIDTH (FT)	OPTIONAL PAVEMENT BYPASS (SY)	TYPE 5 AGGR (6" THICK) SY	6" SUBGRADE COMPACTION (100 FT)	REMARKS
I-44 BYPASS 2	0+00	9+10.87	910.9	16	1,785.0	1,785	8.2	MEDIAN CROSSOVER -EAST
				TOTAL	1,785.0	1,785	8.2	
				PAY TOTAL	1,785.0	1,785	8	

FULL DEPTH ASPHALT SHOULDER (EBL)

ROUTE	STA.	STA.	LOCATION	LENGTH	FULL DEPTH ASPHALT SHOULDER (SY)	18" ROCK BASE (SY)	6" SUBGRADE COMPACTION (STA)	RUMBLE STRIPS (STA)	REMARKS
I-44 EBL	6+20.00	15+97.17	RT	977	1,085.6	1,085.6	9.8	9.8	
I-44 EBL	6+20.00	99+07.33	LT	9,287	7,223.2	7,223.2	92.9	92.9	
I-44 EBL	22+67.12	30+51.96	RT	785	872.2	872.2	7.8	7.8	
I-44 EBL	36+92.77	99+07.33	RT	6,215	6,905.6	6,905.6	62.1	62.2	
				TOTALS	16,086.6	16,086.6	172.6	172.6	
				PAY TOTALS	16,086.6	16,087	173	172.6	

NOTE: NO PAYMENT OUTSIDE OF PAVEMENT OR SHOULDERS

EARTHWORK

PLAN SHEET NO	ROUTE	FROM STATION	TO STATION	CLASS A EXCAVATION (CY)	COMPACTING EMBANKMENT (CY)	EARTHWORK BALANCE (CY)	REMARKS
4-6	I-44 WBL	0+00.00	75+19.13	24,141	1,021	-19,096	MAINLINE PAVEMENT & SHOULDERS (MINUS 11,790 CY EX. PAVEMENT)
4-6	I-44 EBL	0+00.00	75+19.13	7,841	26	-6,508	10' OUTSIDE SHOULDERS
4-6	I-44 EBL	0+00.00	75+19.13	4,091	458	-2,951	7' MEDIAN SHOULDERS
4-6	CROSSOVER	1+00.00	10+58.50	814	268	-410	CROSSOVER PAVEMENT AND SHOULDERS
			TOTALS	36,887	1,773	-28,965	EXCESS MATERIAL TO BE DEPOSED OFF MODOT RIGHT OF WAY

EARTHWORK

PLAN SHEET NO	ROUTE	FROM STATION	TO STATION	CLASS A EXCAVATION (CY)	COMPACTING EMBANKMENT (CY)	EARTHWORK BALANCE (CY)	REMARKS
4-6	I-44 WBL	0+00.00	75+19.13	36,505	682	-29,739	MAINLINE PAVEMENT & SHOULDERS
4-6	I-44 EBL	0+00.00	75+19.13	10,476	1,415	-7,315	10' OUTSIDE SHOULDERS
4-6	I-44 EBL	0+00.00	75+19.13	6,800	1,289	-4,378	7' MEDIAN SHOULDERS
4-6	CROSSOVER	1+00.00	10+58.50	814	268	-410	CROSSOVER PAVEMENT AND SHOULDERS
			TOTALS	54,595	3,654	-41,842	EXCESS MATERIAL TO BE DEPOSED OFF MODOT RIGHT OF WAY

GUARDCABLE

ROUTE	BEGIN STA.	END STA.	LOCATION	GUARDCABLE (LF)	END ANCHOR (EA)	CUT EXISTING CABLE & CONNECT TO NEW ANCHOR (EA)	BITUMINOUS STRIP BP-1 (4" THICK) (SY)	REMARKS
I-44	-4+20.00	75+79.13	RT	8,005.0	4		3,557.8	BEGINS 420' BEFORE STA. 0+00.0
I-44	0+00.00		RT		1	1		
			TOTALS	8,005.0	5	1	3,557.8	
			PAY TOTALS	8,005	5	1	3,557.8	

INLETS AND CULVERTS

ROUTE	STA.	STA.	OFFSET	INLET NO.	LOCATION	5'x2' TYPE S1 INLET (FT)	5'X3' TYPE S1 INLET (FT)	5'X3' TYPE S3 INLET (FT)	GRATE & FRAME 5'X 3' (EA)	GRATE & FRAME 5'X 2' (EA)	GROUP A PIPE 30 IN (FT)	GROUP A PIPE 36 IN (FT)	GROUP B PIPE 15 IN (FT)	GROUP B PIPE 18 IN (FT)	GROUP B PIPE 24 IN (FT)	TYPE A COLLAR (EA)	SAFETY SLOPE END SECTION (EA)	CL.3 EXC. (CY)	REMARKS
I-44 WBL	13+52.02		32.41'	1-3	RT		3		1									12	
I-44 WBL	13+52.02	13+52.02	22.40'-31.04'	1-3	RT							8.64				1		12	
I-44 WBL	13+52.02	13+52.02	34.04'-44.41'	1-3	RT							10.37				1		17	
I-44 WBL	24+45.38		30.53'	1-1	RT	2				1								7	
I-44 WBL	24+45.38	24+45.38	18.34'- 29.53'	1-1	RT									11.2		1		9	
I-44 WBL	35+60.72		36.75'	1-2	RT			4	1									11	
I-44 WBL	35+60.72	35+60.72	27.17'-31.67'	1-2	RT										8	1		7	
I-44 WBL	35+60.72	35+60.72	34.67'-41.17'	1-2	RT										8	1		10	
I-44 WBL	48+59.63		34.23'	1-4	RT		10		1									30	
I-44 WBL	48+51.84	48+51.93	25.24'-31.93'	1-4	RT						6.8					1		19	
I-44 WBL	69+07.46		35.24'	1-5A	RT		4		1									12	
I-44 WBL	68+86.46	68+99.05	31.87'-36.93'	1-5A	RT									12.3		1		16	
I-44 EBL	1+99.58	13+80.41	30.77'-34.55'		LT								688				2	67	UNDER MEDIAN CROSSOVER
					TOTAL	2	17	4	4	1	7	19	688.0	23.5	16.0	7	2	229	
					PAYTOTAL	2	17	4	4	1	7	19	688	24	16	7	2	229	

REMOVAL OF IMPROVEMENTS

ROUTE	STA.	STA.	LOCATION	DESCRIPTION	AMOUNT	UNIT	SAW CUTS	REMARKS
I-44 WBL	0+00.00	75+79.13	RT	GUARDCABLE	8,594	LF	N/A	
I-44 WBL	-14+56		LT	SIGN	1	EA	NA	
I-44 WBL	12+72.49		LT	SIGN	1.0	EA	N/A	SHEET 4
I-44 WBL	16+77.35		LT	SIGN	1.0	EA	N/A	SHEET 4
I-44 WBL	23+28.32		LT	SIGN	1.0	EA	N/A	SHEET 5
I-44 WBL	32+55.83		LT	SIGN	1.0	EA	N/A	SHEET 5
I-44 WBL	33+85.24		LT	SIGN	1.0	EA	N/A	SHEET 5
I-44 WBL	40+54.01		LT	SIGN	1.0	EA	N/A	SHEET 5
I-44 WBL	44+40.02		LT	SIGN	1.0	EA	N/A	SHEET 5
I-44 WBL	49+24.32		LT	SIGN	1.0	EA	N/A	SHEET 6
I-44 WBL	54+95.59		LT	SIGN	1.0	EA	N/A	SHEET 6
I-44 WBL	65+51.68		LT	SIGN	1.0	EA	N/A	SHEET 6
I-44 WBL	68+75.25		LT	SIGN	1.0	EA	N/A	SHEET 6
I-44 WBL	75+33.16		LT	SIGN	1.0	EA	N/A	SHEET 6
I-44 WBL	75+33.92		LT	SIGN	1.0	EA	N/A	SHEET 6
I-44 WBL	0+00.00	75+79.13		PAVEMENT	32,844.5	SY	38'	INCLUDES SHOULDERS
I-44 EBL	6+20.00	99+07.33	LT	SHOULDER	4,039.9	SY	4'	
I-44 EBL	6+20.00	15+97.17	RT	SHOULDER	1,086.1	SY	10'	
I-44 EBL	22+67.12	30+51.96	RT	SHOULDER	873.1	SY	10'	
I-44 EBL	36+92.77	99+07.33	RT	SHOULDER	6,905.2	SY	10'	
I-44 EBL	3+68.34	16+05.94	LT	PAVEMENT	1,785.0	SY	VAR.	CROSSOVER PAVEMENT
				TOTAL	1	LUMP SUM		

SUMMARY OF QUANTITIES
SHEET 1 OF 2

PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE I-44 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY GREENE

JOB NO. JSU0146

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

PRELIMINARY

ALTERNATE PAVEMENT - CONCRETE (WBL)										
ROUTE	STA.	STA.	LOCATION	LENGTH	ALTERNATE PAVEMENT 11.5" PCCP (SY)	FULL DEPTH NR PCCP SHOULDER (SY)	18" ROCK BASE (SY)	6" SUBGRADE COMPACTION (STA)	RUMBLE STRIPS (STA)	REMARKS
I-44 WBL	0+00.00	75+79.13	MAINLINE	7,579	21,894.9		21,894.9	75.8		
I-44 WBL	0+00.00	75+79.13	LT	7,579		7,579.1	7579.1	75.8	75.8	
I-44 WBL	0+00.00	75+79.13	RT	7,579		5,052.7	5052.7	75.8	75.8	
I-44 WBL	-4+20.00	0+00.00	RT	420		491.2	491.2	4.2	4.2	
I-44 WBL	-4+20.00	0+00.00	LT	420		334.8	334.8	4.2	4.2	
				TOTALS	21,894.9	13,457.8	35,352.7	235.8	160.0	
				PAY TOTALS	21,894.9	13,457.8	35,353	236	160.0	
NOTE: NO PAYMENT OUTSIDE OF PAVEMENT OR SHOULDERS										

ALTERNATE PAVEMENT - CONCRETE

SUMMARY OF QUANTITIES
SHEET 2 OF 2

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	3

COUNTY: GREENE
JOB NO.: JSU0146
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
MoDOT
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

ALTERNATE PAVEMENT – ASPHALT (WBL)										
ROUTE	STA.	STA.	LOCATION	LENGTH	ALTERNATE PAVEMENT 11.5" PCCP (SY)	FULL DEPTH NR PCCP SHOULDER (SY)	18" ROCK BASE (SY)	6" SUBGRADE COMPACTION (STA)	RUMBLE STRIPS (STA)	REMARKS
I-44 WBL	0+00.00	75+79.13	MAINLINE	7,579	21,894.9		21,894.9	75.8		
I-44 WBL	0+00.00	75+79.13	LT	7,579		7,579.1	7579.1	75.8	75.8	
I-44 WBL	0+00.00	75+79.13	RT	7,579		5,052.7	5052.7	75.8	75.8	
I-44 WBL	-4+20.00	0+00.00	RT	420		491.2	491.2	4.2	4.2	
I-44 WBL	-4+20.00	0+00.00	LT	420		334.8	334.8	4.2	4.2	
				TOTALS	21,894.9	13,457.8	35,352.7	235.8	160.0	
				PAY TOTALS	21,894.9	13,457.8	35,353	236	160.0	
NOTE: NO PAYMENT OUTSIDE OF PAVEMENT OR SHOULDERS										

PRELIMINARY

ALTERNATE PAVEMENT – ASPHALT

SUMMARY OF QUANTITIES
SHEET 2 OF 2

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE I-44 | STATE MO

DISTRICT SW | SHEET NO. 3

COUNTY GREENE

JOB NO. JSU0146

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

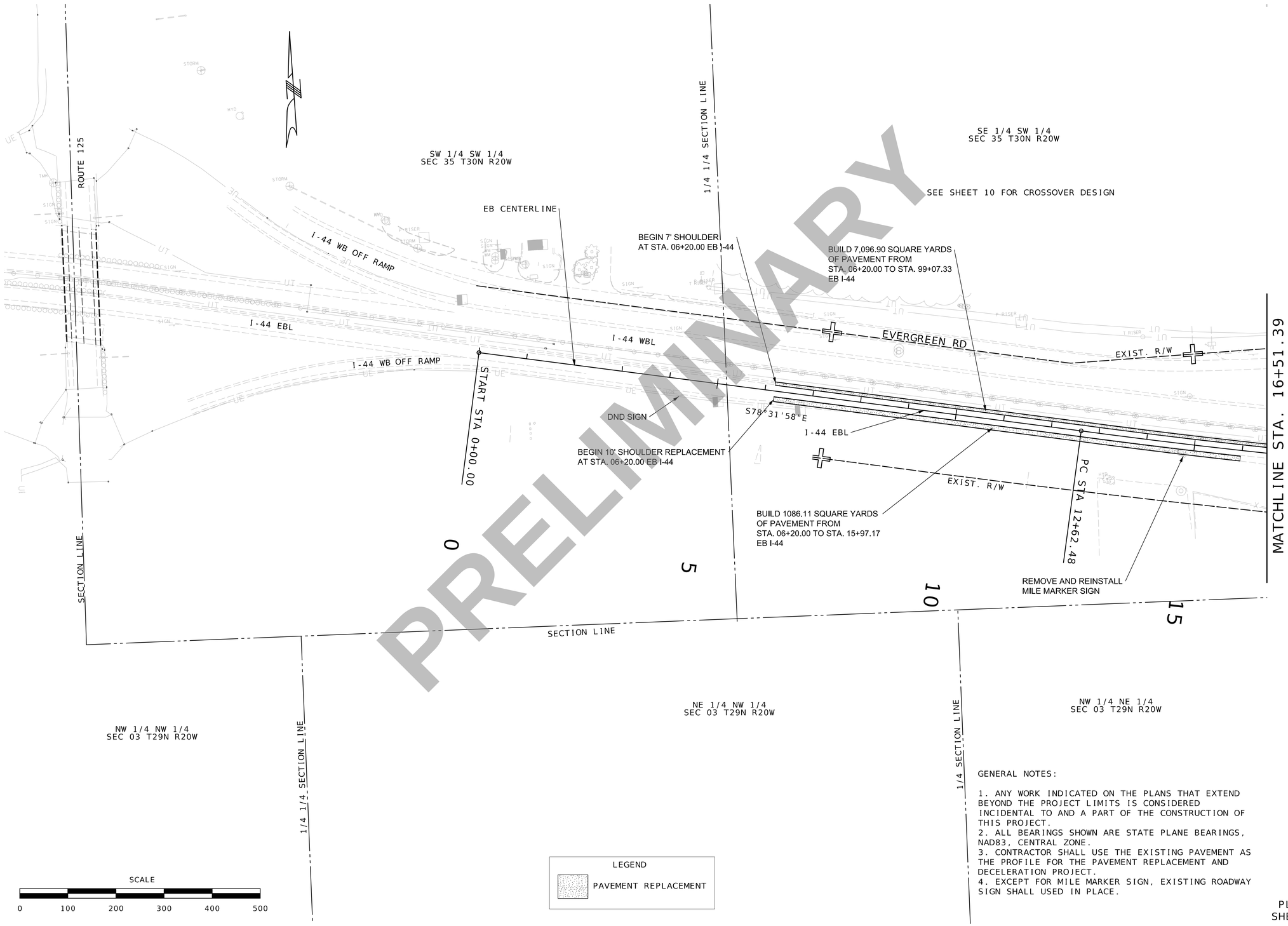
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



PRELIMINARY

GENERAL NOTES:

1. ANY WORK INDICATED ON THE PLANS THAT EXTEND BEYOND THE PROJECT LIMITS IS CONSIDERED INCIDENTAL TO AND A PART OF THE CONSTRUCTION OF THIS PROJECT.
2. ALL BEARINGS SHOWN ARE STATE PLANE BEARINGS, NAD83, CENTRAL ZONE.
3. CONTRACTOR SHALL USE THE EXISTING PAVEMENT AS THE PROFILE FOR THE PAVEMENT REPLACEMENT AND DECELERATION PROJECT.
4. EXCEPT FOR MILE MARKER SIGN, EXISTING ROADWAY SIGN SHALL USED IN PLACE.

PLAN SHEET
SHEET 1 OF 4

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	4

COUNTY
GREENE

JOB NO.
JSU0146

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

PRELIMINARY

MATCHLINE STA. 16+51.39

1/4 SECTION LINE

SW 1/4 SE 1/4
SEC 35 T30N R20W

SE 1/4 SE 1/4
SEC 35 T30N R20W

1/4 1/4 SECTION LINE

PI 4+70.02
PC 1+03.21
PT 8+36.61
Δ 3°30'36.7" (LT)
D 0°28'43.0"
L 733.40' (ARC)
T 366.82'
R 11,971.08'

BUILD 34,545.46 SQUARE YARDS
OF PAVEMENT FROM
STA. 0+00.00 TO STA. 75+79.13
WB I-44

BEGIN PAVEMENT REPLACEMENT
AT STA. 00+00.00 WB I-44

START STA 0+00.00

PC STA 1+03.21

PT STA 8+36.61

PC STA 21+35.00

MATCHLINE STA. 21+29.68

EXIST. R/W

BEGIN SHOULDER
TAPER 420' PRIOR
OF STA. 00+00.00
WB I-44

BEGIN GUARDCABLE

S82°52'13"E

REMOVE AND
RELOCATE
MILE MARKER
SIGN

S.L.

BUILD 873.09 SQUARE YARDS
OF PAVEMENT 420' PRIOR OF
STA. 00+00.00 WB I-44

REMOVE AND REINSTALL
MILE MARKER

DND SIGNS

STRAFFORD EB
TRUCK PARKING

I-44 EBL

BUILD 732.32 SQUARE YARDS
OF PAVEMENT FROM
STA. 23+93.71 TO STA. 30+51.96
EB I-44

SECTION LINE

EXIST. R/W

REMOVE AND
RELOCATE
MILE MARKER
SIGN

UIP PIPE

I-44 WBL

UIP INLET

EVERGREEN RD

S.L.

UIP INLET

REMOVE AND RELOCATE SIGN

UIP SIGN

S86°22'50"E

S86°23'07"E

DND SIGN

US RTE 66

UIP INLET

BUILD 6,905.24 SQUARE YARDS
OF PAVEMENT FROM
STA. 36+92.77 TO STA. 99+07.33
EB I-44

EXIST. R/W

350' R/W

EXISTING GUARDCABLE TO END AT
00+00.00, INSTALL END TERMINAL.
REMOVE 8594' OF GUARDCABLE FROM
STA. 00+00.00 TO STA. 75+79.13
WB I-44

BUILD 8005' OF GUARDCABLE FROM
420' PRIOR OF STA. 00+00.00 TO STA. 75+79.13
WB I-44

REMOVE AND REPLACE INLET
MEDIAN INLET 1-3
STA. 13+52.02 32.41' RT
INSTALL 1- 3' X 5' TYPE S1 INLET
INCLUDES 36" X 19' GROUP A PIPE
INCLUDES 1 - TYPE 1 PIPE COLLAR
WB I-44

PT STA 33+37.36

NE 1/4 NE 1/4
SEC 3 T29N R20W

NW 1/4 NW 1/4
SEC 2 T29N R20W

1/4 1/4 SECTION LINE

SECTION LINE

LEGEND

PAVEMENT REPLACEMENT

SCALE

0 100 200 300 400 500

PLAN SHEET
SHEET 2 OF 4

Preliminary
Plans -
NOT FOR
CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 5
COUNTY GREENE
JOB NO. JSU0146
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

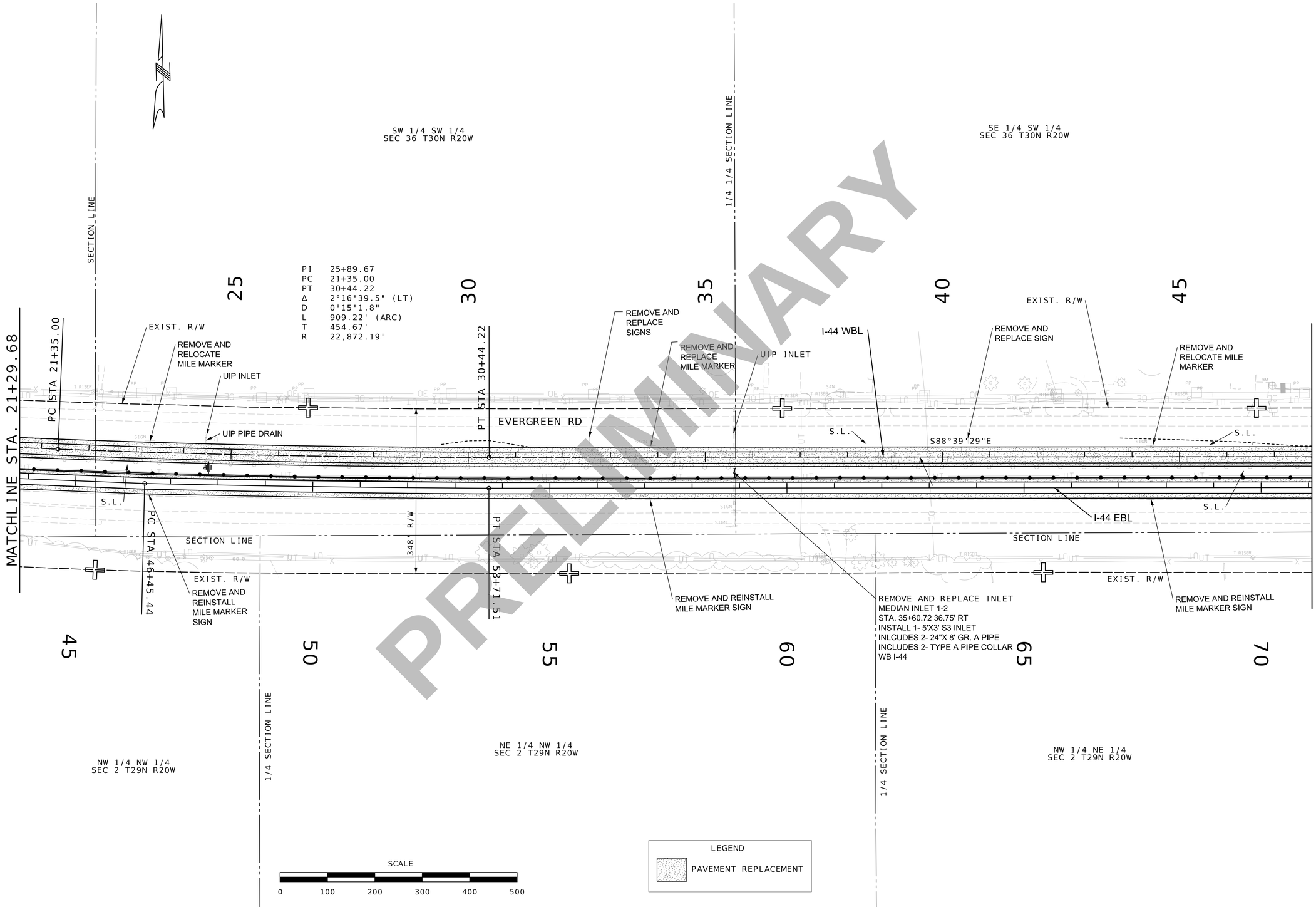
DESCRIPTION | DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

PLAN SHEET
SHEET 3 OF 4

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	6

COUNTY
GREENE

JOB NO.
JSU0146

CONTRACT ID.

PROJECT NO.

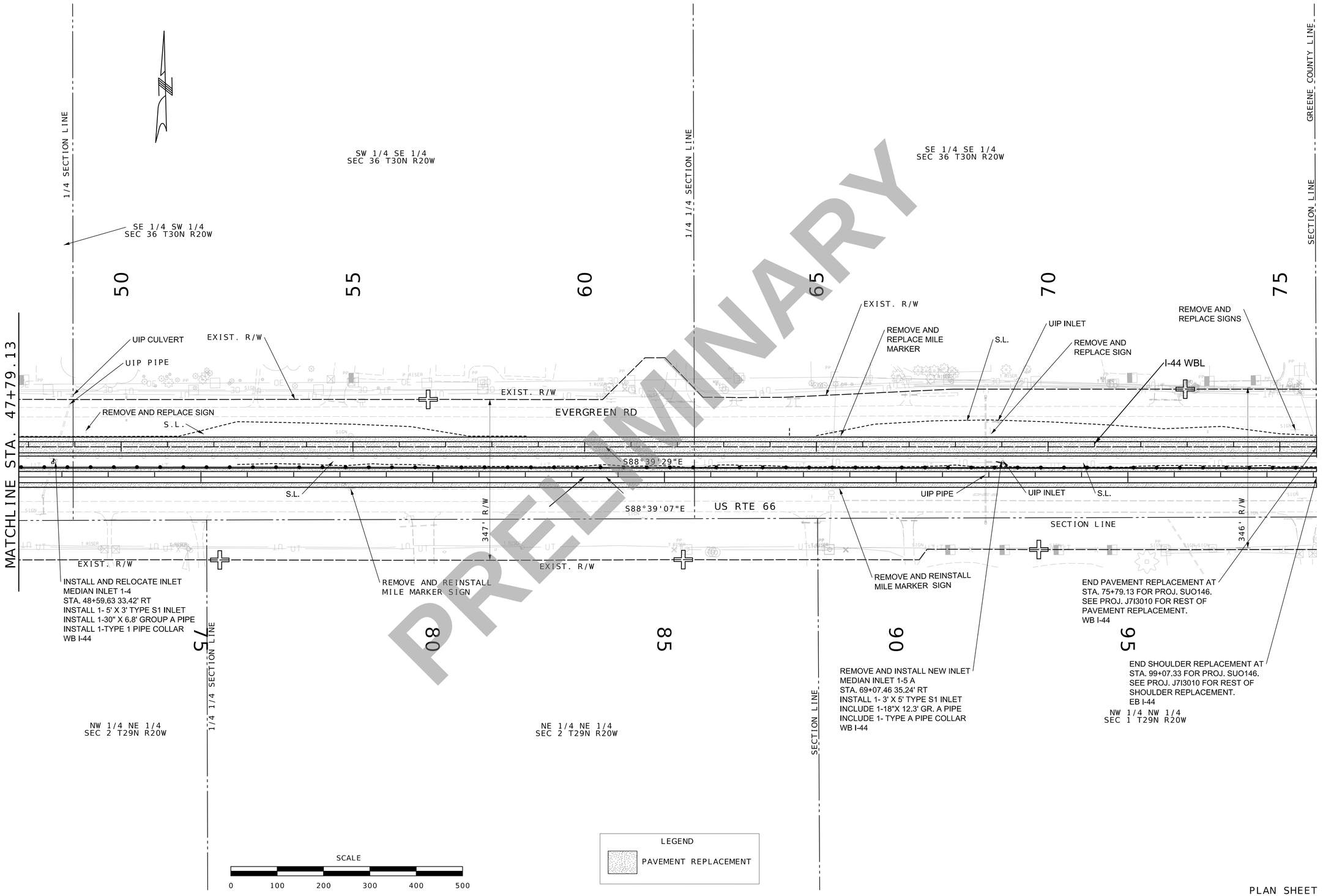
BRIDGE NO.

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM



PRELIMINARY

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	7

COUNTY
GREENE

JOB NO.
JSU0146

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

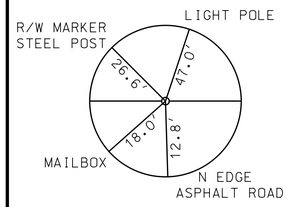
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

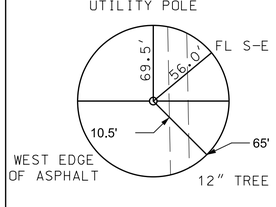
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

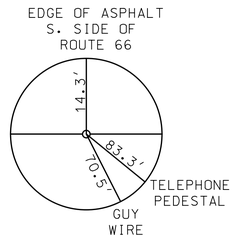
PLAN SHEET
SHEET 4 OF 4



CONTROL POINT 100
74/5/8X24_ROD_W/CAP



CONTROL POINT 101
74/5/8X24_ROD_W/CAP



CONTROL POINT 110
74/5/8X24_ROD_W/CAP

PRELIMINARY

REFERENCE POINTS SHEET
SHEET 1 OF 1

NOT TO SCALE

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	8

COUNTY
GREENE

JOB NO.
JSU0146

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

PROJECT COORDINATE INFORMATION

COORDINATE SYSTEM	MISSOURI STATE PLANE
HORIZONTAL DATUM	NAD83
VERTICAL DATUM	NAVD88
GEOID MODEL	GEOID 18
ELEVATIONS DETERMINED BY	ELEVATIONS FOR CONTROL POINTS 101, 103, 106, 108 WERE DETERMINED BY RUNNING 2-4 HOURS GPS OBSERVATIONS. SOLUTIONS WERE DETERMINED BY NGS OPUS SOLUTIONS. A DIGITAL LEVEL LOOP FROM THE ABOVE LISTED CONTROL POINTS WAS USED FOR THE REMAINING PRIMARY, SECONDARY AND VERTICAL CONTROL POINTS.
PROJECT PROJECTION FACTOR	1.000111320

REFERENCE CONTROL INFORMATION

COORDINATE SYSTEM	MO COORDINATE SYSTEM OF 1983
CONTROL STATION	MISSOURI CORS
DESIGNATION	MODOT MARSHFIELD CORS ARP
CORS_ID	MOMF
PID	DN5832
LATITUDE	N37°20'45.7571"
LONGITUDE	W92°57'01.61550"
NORTHING (M)	167949.258
EASTING (M)	460089.785
ZONE	CENTRAL
PROJECT AVERAGE GRID FACTOR	0.999888692

EXAMPLE OF PROJECT COORDINATE TO S.P.C.

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

EXAMPLE: CONTROL POINT #___
N _____.____ X _.________ = N _____.___
E _____.____ X _.________ = E _____.___

LINEAR UNIT CONVERSION

1 METER = 3.280833333 US SURVEY FEET (USFT)

COORDINATE POINT LISTING

SHEET NO	STATION	LOCATION	OFFSET (USFT)	MODIFIED STATE PLANE (GROUND) NORTHING (US SURVEY FT)	EASTING (US SURVEY FT)	ELEVATION (US SURVEY FT)	DESCRIPTION	GPK POINT ID
PROJECT CONTROL POINTS								
5	47+16.58	LEFT	98.00'	523898.4309	1469922.0490	1453.7740	74/5/8x24_ROD_W/CAP	100
6	61+66.02	RIGHT	115.71'	523609.8489	1471366.3141	1472.7550	74/5/8x24_ROD_W/CAP	110
6	64+85.42	RIGHT	1462.31'	522294.1200	1471653.8950	1454.3660	74/5/8x24_ROD_W/CAP	101
ALIGNMENTS								
	0+00.00	℄	0.00'	524041.4533	1465210.3194	N/A	BEGINNING OF PROJECT I-44 WESTBOUND ℄	B.P.
	1+03.21	℄	0.00'	524028.6435	1465312.7299	N/A	POINT OF CURVATURE I-44 WESTBOUND ℄	P.C.
	4+70.02	℄	0.00'	523983.1159	1465676.7087	N/A	HORIZONTAL POINT INDEX I-44 WESTBOUND ℄	H.P.I.
	8+36.61	℄	0.00'	523959.9588	1466042.7921	N/A	POINT OF TANGENT I-44 WESTBOUND ℄	P.T.
	21+35.00	℄	0.00'	523877.9910	1467338.5924	N/A	POINT OF CURVATURE I-44 WESTBOUND ℄	P.C.
	25+89.67	℄	0.00'	523849.2874	1467792.3578	N/A	HORIZONTAL POINT INDEX I-44 WESTBOUND ℄	H.P.I.
	30+44.22	℄	0.00'	523838.6400	1468246.9055	N/A	POINT OF CURVATURE I-44 WESTBOUND ℄	P.C.
	75+79.13	℄	0.00'	523732.4426	1472780.5708	N/A	END OF PROJECT I-44 WESTBOUND ℄	E.P.
	6+20.00	℄	0.00'	524282.387	1463528.897	N/A	BEGINNING OF PROJECT I-44 EASTBOUND ℄	B.P.
	12+62.48	℄	0.00'	524154.657	1464158.551	N/A	POINT OF CURVATURE I-44 EASTBOUND ℄	P.C.
	23+01.78	℄	0.00'	523943.670	1465176.215	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	33+37.36	℄	0.00'	523883.708	1466213.788	N/A	POINT OF TANGENT I-44 EASTBOUND ℄	P.T.
	46+45.44	℄	0.00'	523801.238	1467519.266	N/A	POINT OF CURVATURE I-44 EASTBOUND ℄	P.C.
	50+08.49	℄	0.00'	523784.135	1467881.909	N/A	HORIZONTAL POINT INDEX I-44 EASTBOUND ℄	H.P.I.
	53+71.51	℄	0.00'	523773.671	1468244.805	N/A	POINT OF TANGENT I-44 EASTBOUND ℄	P.T.
	99+07.33	℄	0.00'	523666.952	1472779.347	N/A	END OF PROJECT I-44 EASTBOUND ℄	E.P.

PRELIMINARY

COORDINATE POINT SHEET
SHEET 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

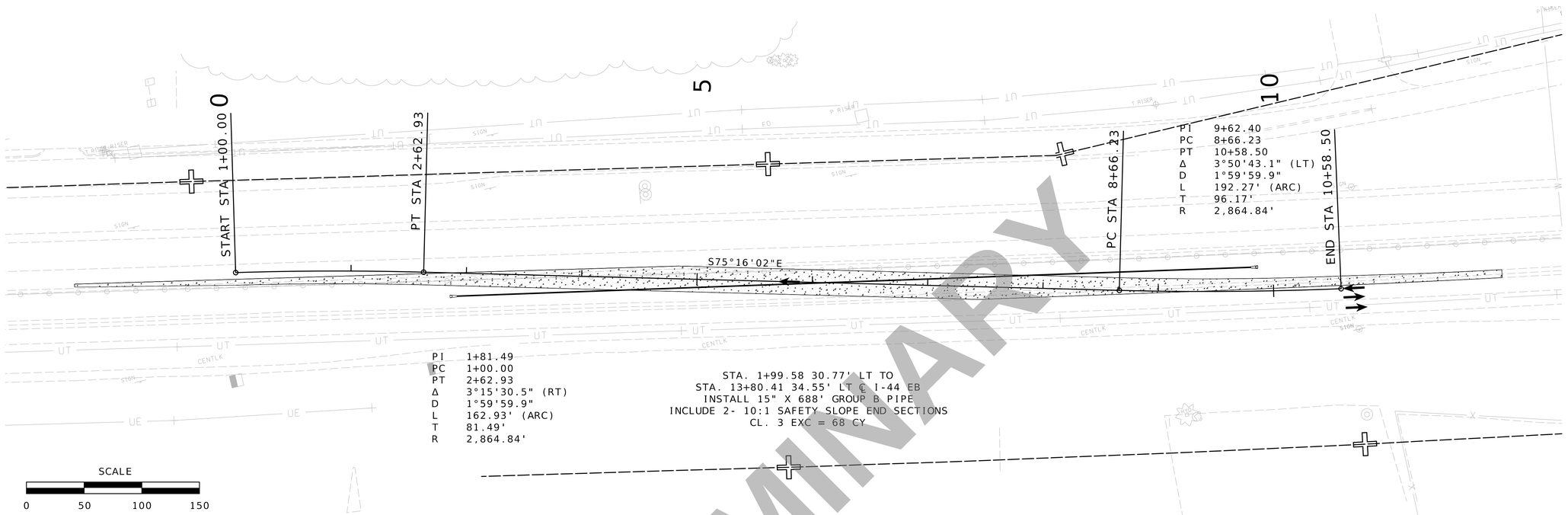
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 9
COUNTY GREENE
JOB NO. JSU0146
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

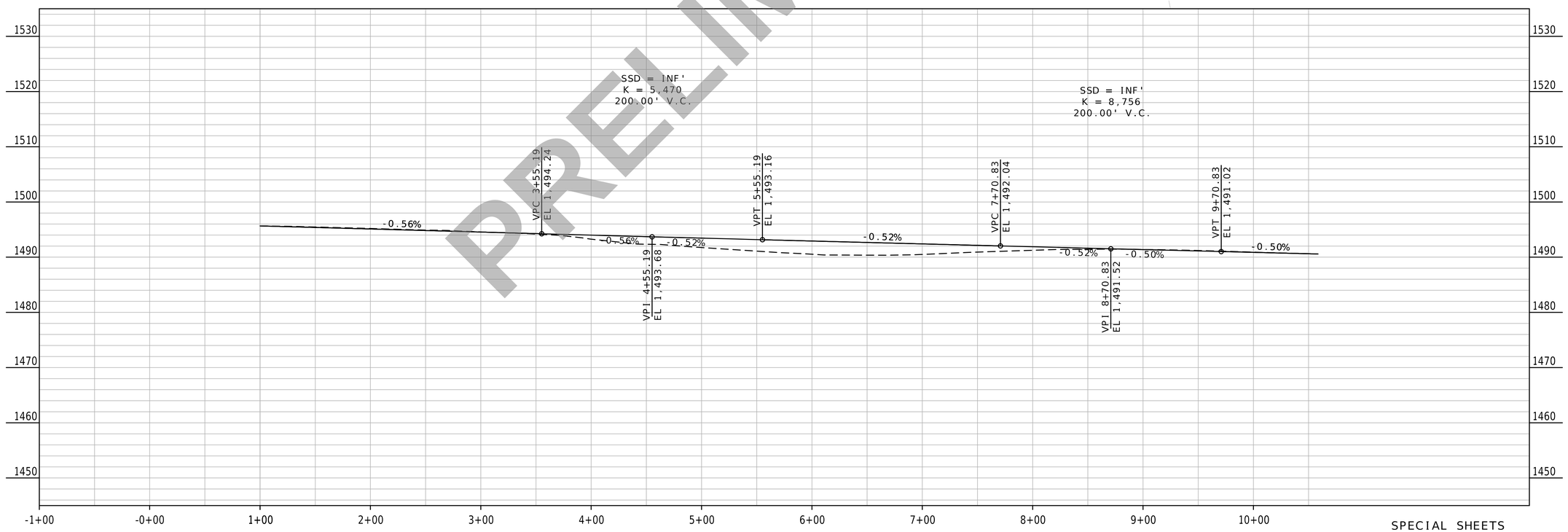
DESCRIPTION | DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM





PRELIMINARY

SPECIAL SHEETS
SHEET 1 OF 1
PAVEMENT REPLACEMENT BYPASS LANE
SHEET 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	10

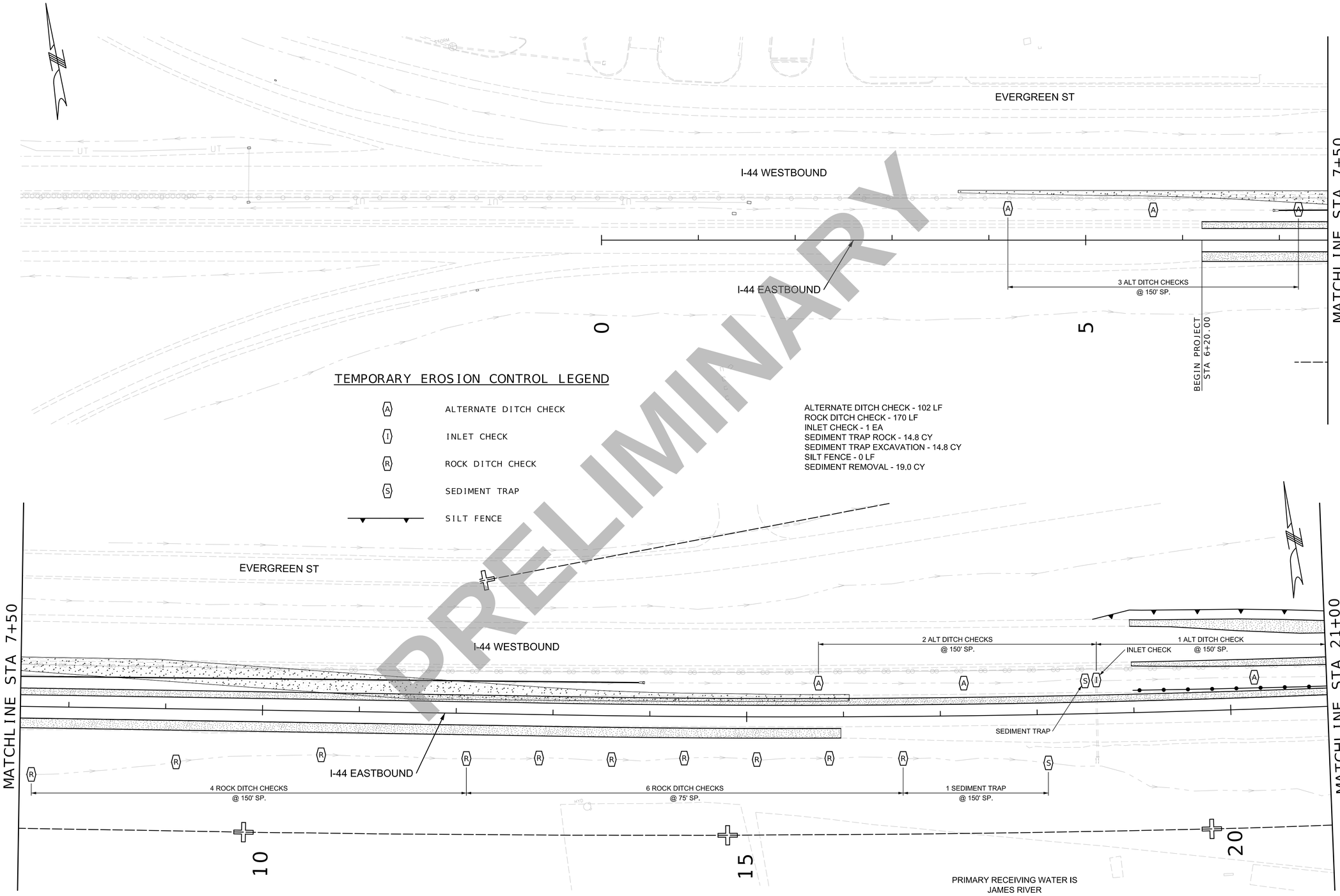
COUNTY GREENE
JOB NO. JSU0146
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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



TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 102 LF
ROCK DITCH CHECK - 170 LF
INLET CHECK - 1 EA
SEDIMENT TRAP ROCK - 14.8 CY
SEDIMENT TRAP EXCAVATION - 14.8 CY
SILT FENCE - 0 LF
SEDIMENT REMOVAL - 19.0 CY

EROSION CONTROL
SHEET 1 OF 4

PRELIMINARY

Preliminary
Plans –
NOT FOR
CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	11

COUNTY
GREENE

JOB NO.
JSU0146

CONTRACT ID.

PROJECT NO.

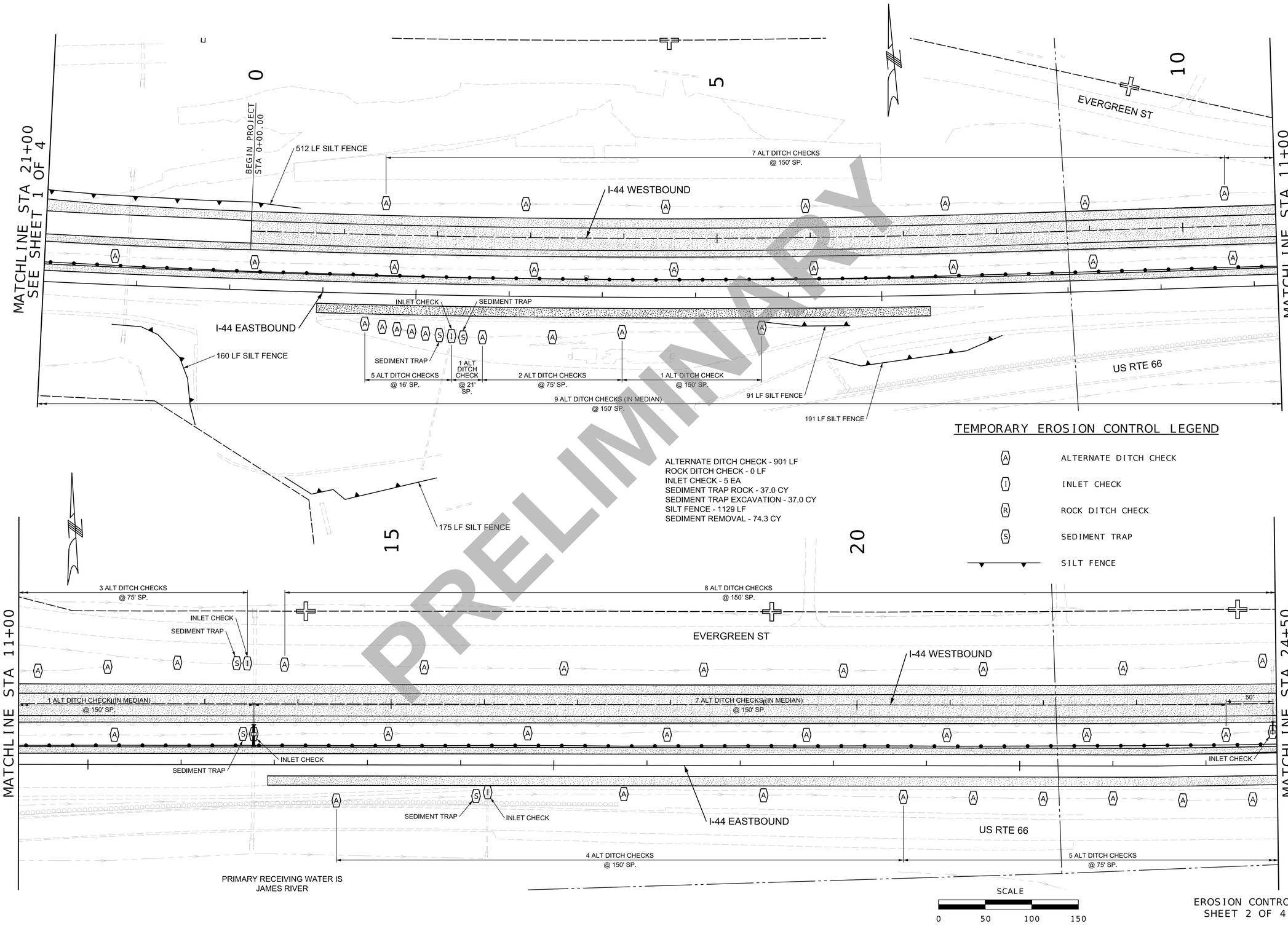
BRIDGE NO.

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



ALTERNATE DITCH CHECK - 901 LF
ROCK DITCH CHECK - 0 LF
INLET CHECK - 5 EA
SEDIMENT TRAP ROCK - 37.0 CY
SEDIMENT TRAP EXCAVATION - 37.0 CY
SILT FENCE - 1129 LF
SEDIMENT REMOVAL - 74.3 CY

TEMPORARY EROSION CONTROL LEGEND

A	ALTERNATE DITCH CHECK
I	INLET CHECK
R	ROCK DITCH CHECK
S	SEDIMENT TRAP
	SILT FENCE

EROSION CONTROL
SHEET 2 OF 4

PRELIMINARY

Preliminary Plans – NOT FOR CONSTRUCTION

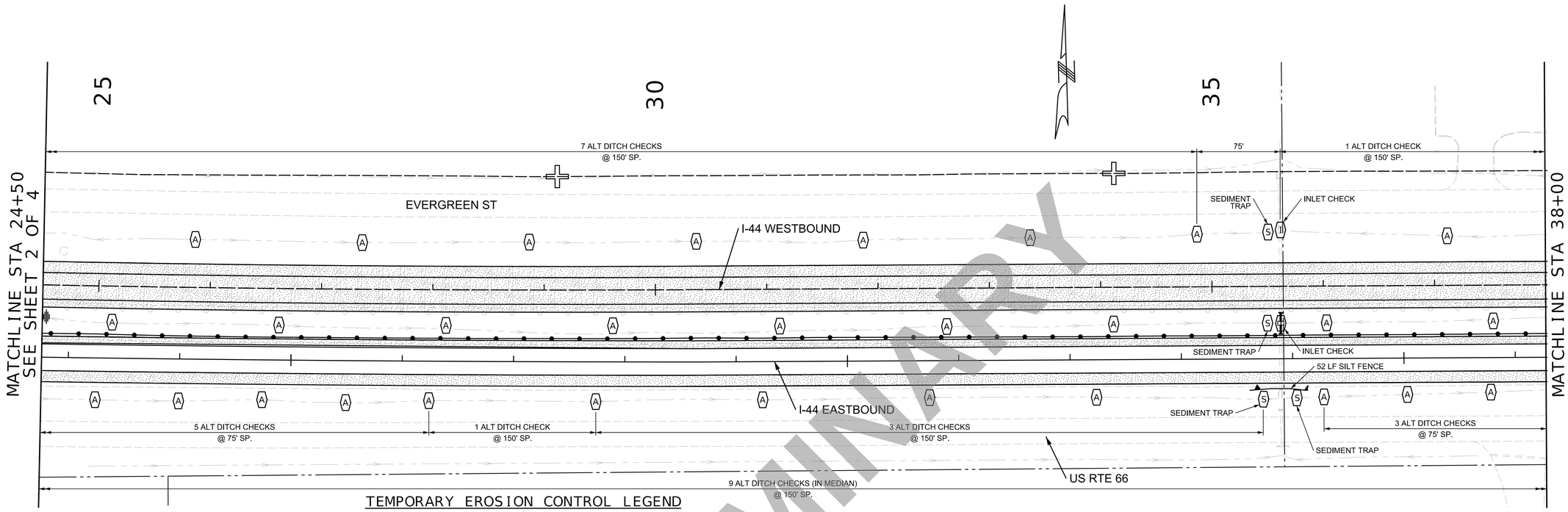
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 12
COUNTY GREENE
JOB NO. JSU0146
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

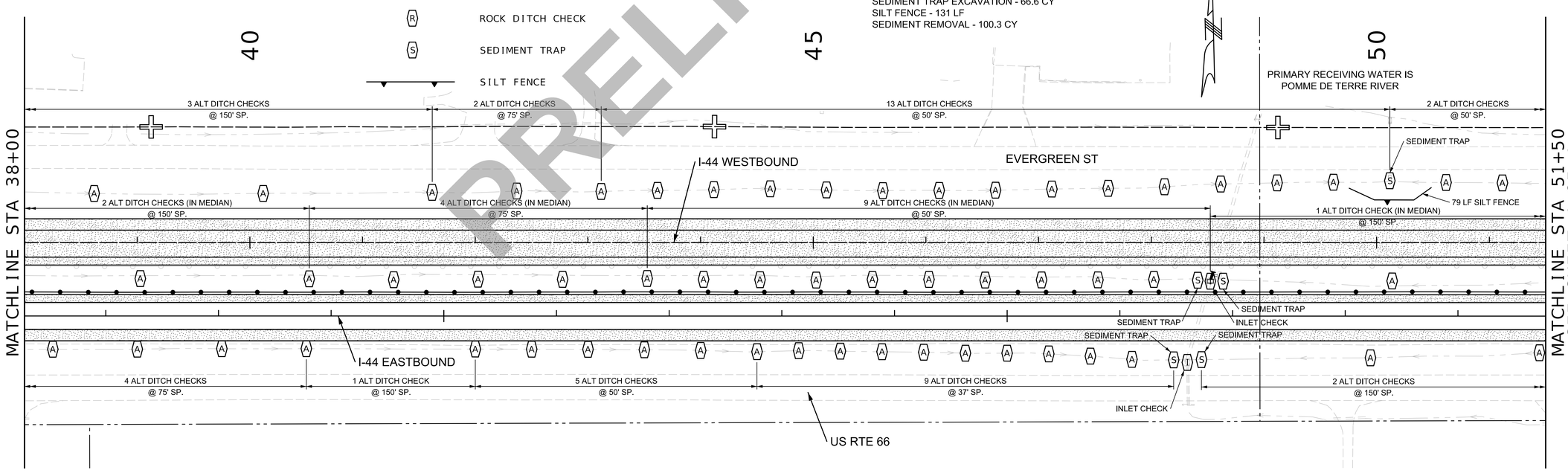
EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 1462 LF
ROCK DITCH CHECK - 0 LF
INLET CHECK - 4 EA
SEDIMENT TRAP ROCK - 66.6 CY
SEDIMENT TRAP EXCAVATION - 66.6 CY
SILT FENCE - 131 LF
SEDIMENT REMOVAL - 100.3 CY



SCALE
0 50 100 150

EROSION CONTROL
SHEET 3 OF 4

PRELIMINARY

Preliminary Plans – NOT FOR CONSTRUCTION

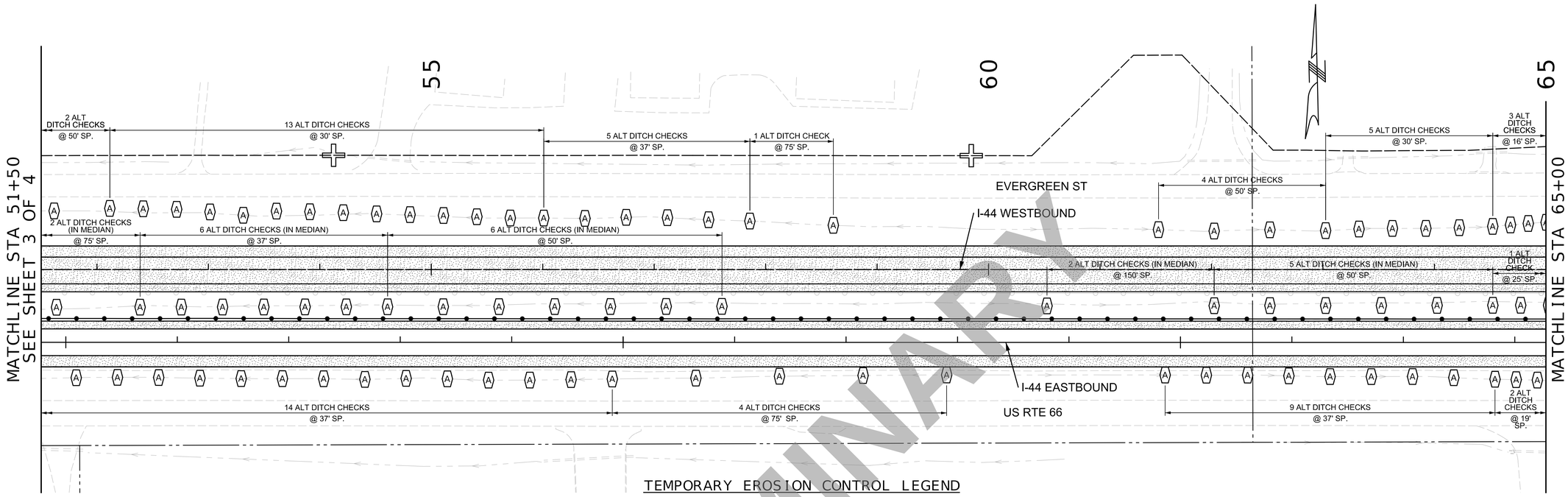
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 13
COUNTY GREENE
JOB NO. JSU0146
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

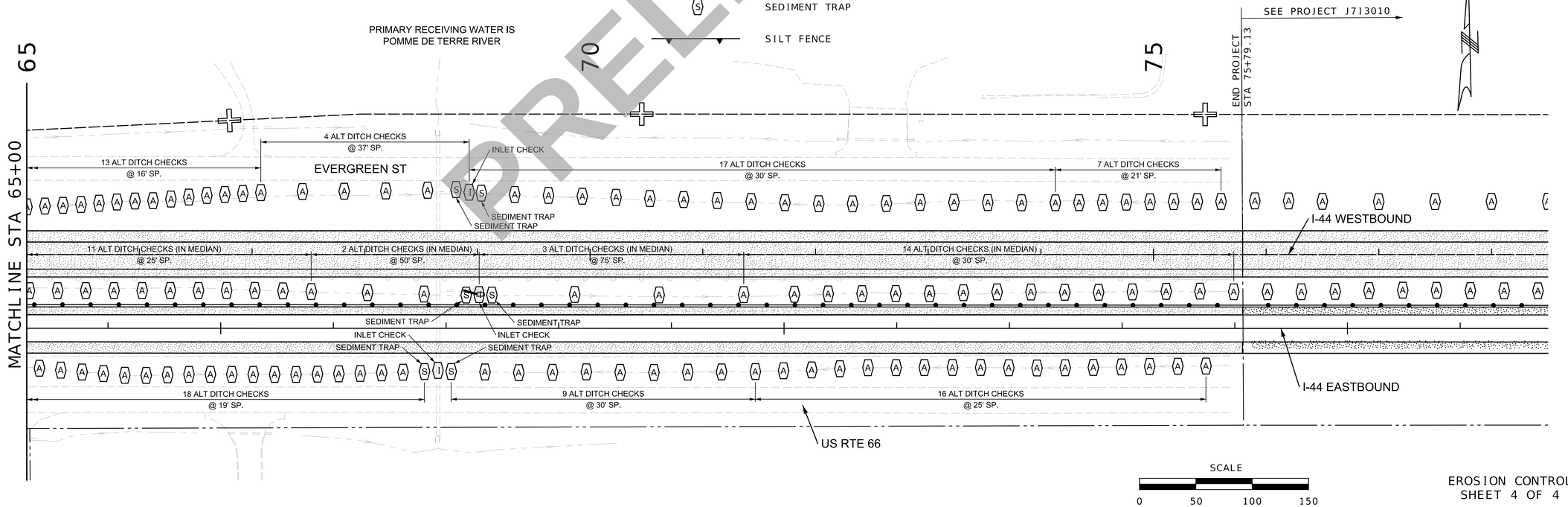


TEMPORARY EROSION CONTROL LEGEND

- (A) ALTERNATE DITCH CHECK
- (I) INLET CHECK
- (R) ROCK DITCH CHECK
- (S) SEDIMENT TRAP
- SILT FENCE

ALTERNATE DITCH CHECK - 3366
INLET CHECK - 3 EA
SEDIMENT TRAP ROCK - 44.4CY
SEDIMENT TRAP EXCAVATION - 44.4 CY
SILT FENCE - 0 LF
SEDIMENT REMOVAL - 207.0 CY

PRIMARY RECEIVING WATER IS
POMME DE TERRE RIVER



SCALE
0 50 100 150

EROSION CONTROL
SHEET 4 OF 4

PRELIMINARY

Preliminary Plans – NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 14
COUNTY GREENE
JOB NO. JSU0146
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

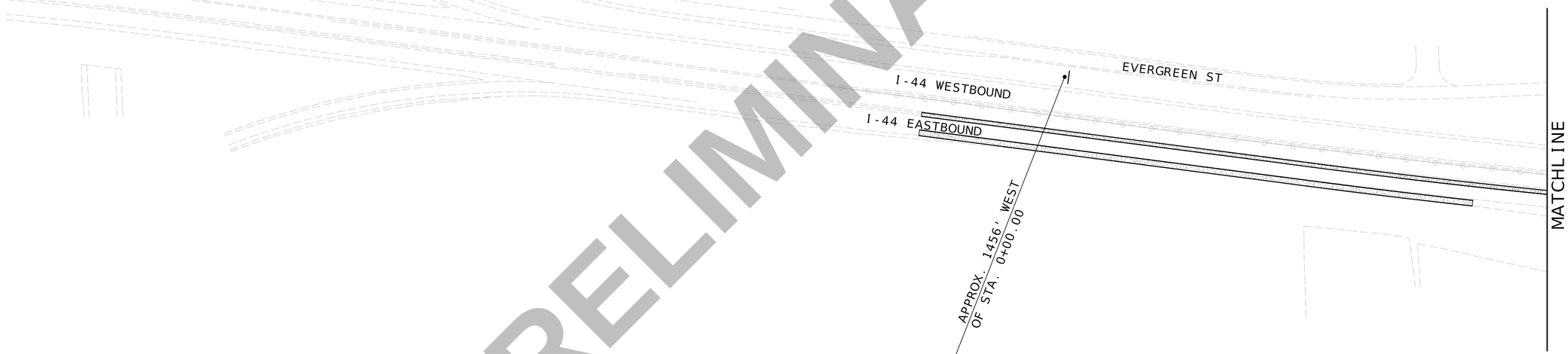
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

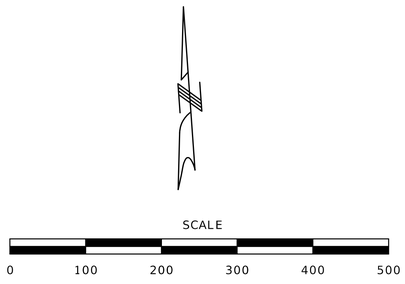
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578

SEE SIGN SECTIONS FOR SIGN OFFSET

PRELIMINARY





SIGNING SHEET
SHEET 1 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	15

COUNTY: GREENE

JOB NO.: JSU0146

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

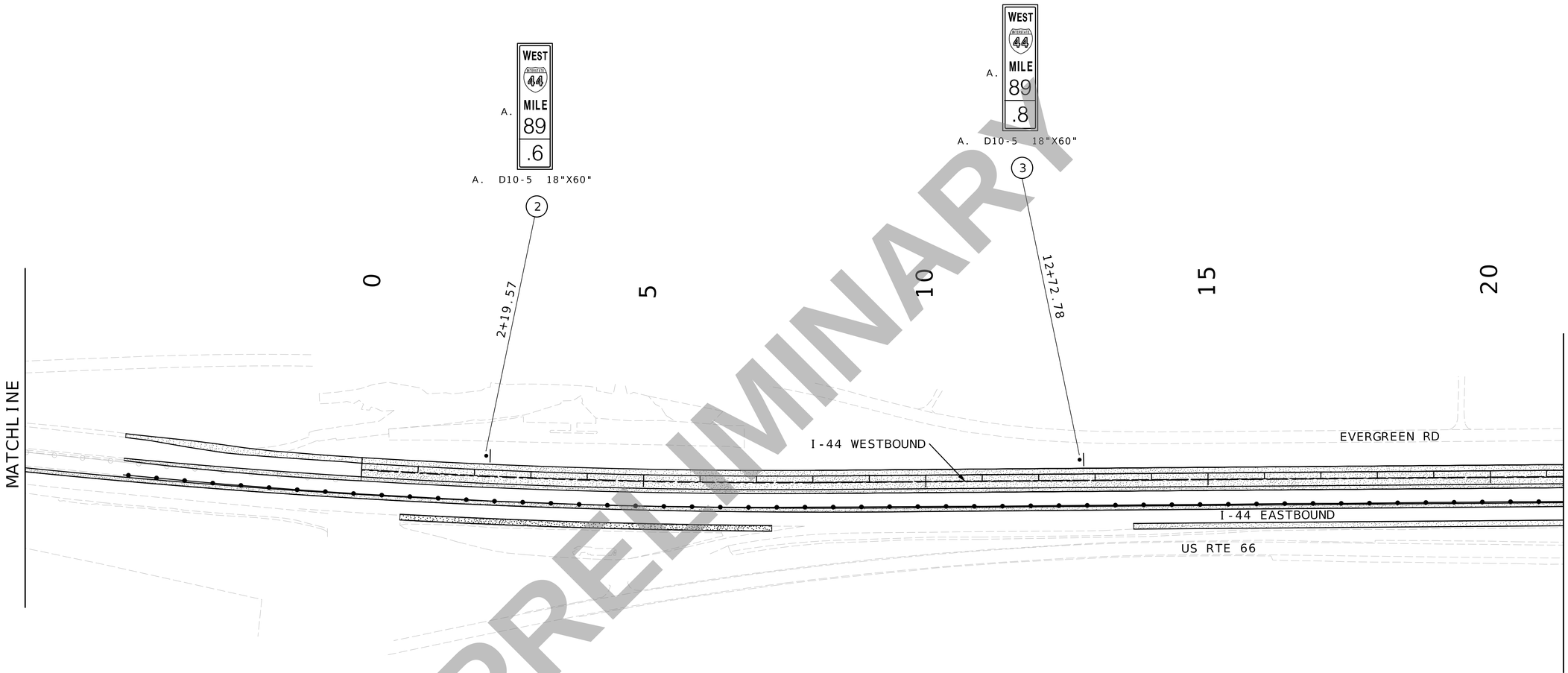
DESCRIPTION	DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET



PRELIMINARY

SCALE

0 100 200 300 400 500

SIGNING SHEETS
SHEET 2 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	16

COUNTY: GREENE

JOB NO.: JSU0146

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

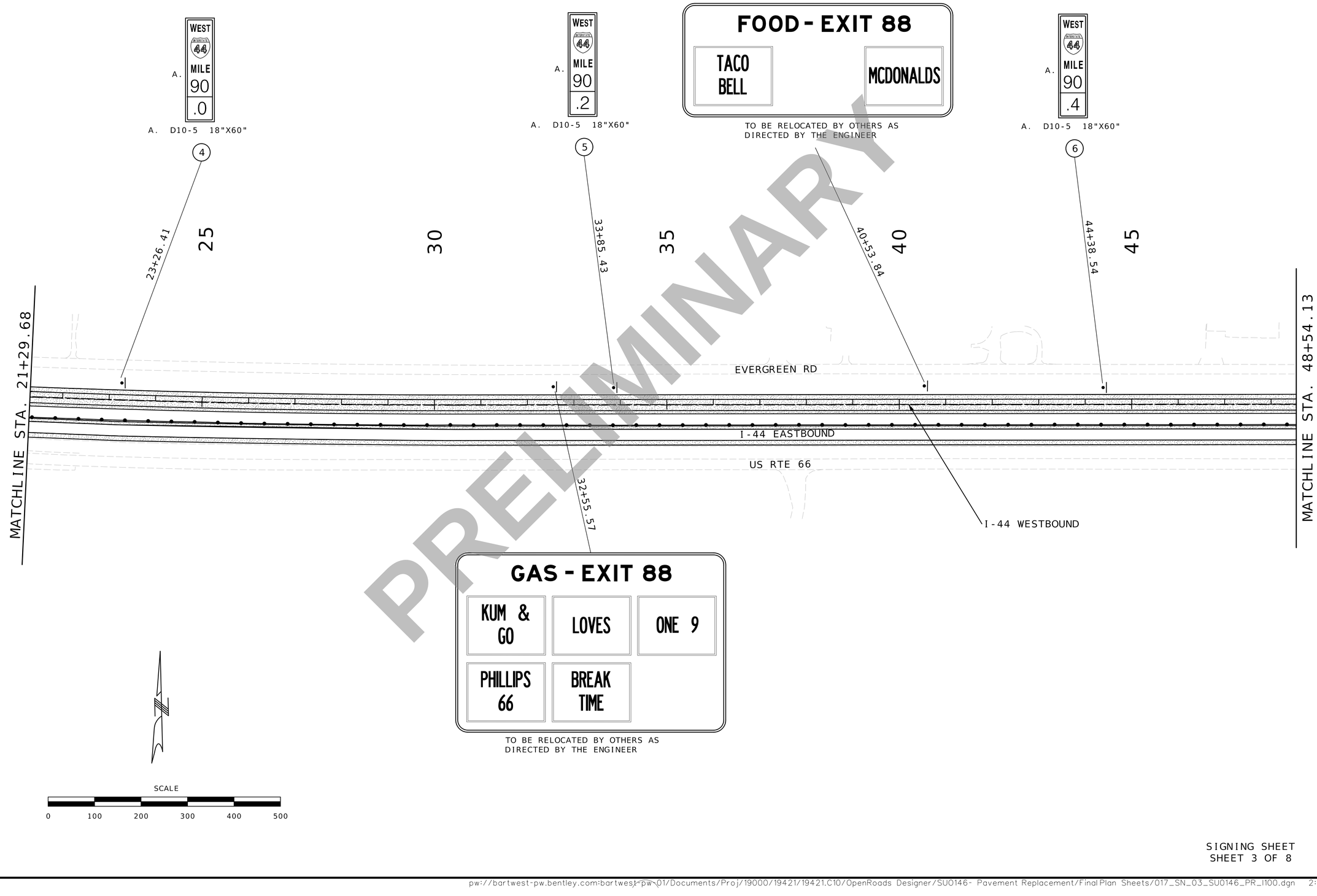
DESCRIPTION	DATE

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SEE SIGN SECTIONS FOR SIGN OFFSET



PRELIMINARY

SIGNING SHEET
SHEET 3 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	17

COUNTY GREENE

JOB NO. JSU0146

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

SEE SIGN SECTIONS FOR SIGN OFFSET

LODGING - EXIT 88

SUPER 8

TO BE RELOCATED BY OTHERS AS DIRECTED BY THE ENGINEER

A. WEST 44 MILE 90 .6

A. D10-5 18"X60"

A. WEST 44 MILE 90 .8

A. D10-5 18"X60"

RELOCATE SIGN HANDLED BY GREENE COUNTY

A. LOGO Purple Heart County

A. GEN. INFO UNKNOWN

50 55 60 65 70 75

49+24.30 (7) 54+95.21 (8) 65+51.91 (10) 75+33.82 (11) 75+33.82

MATCHLINE STA. 48+54.13

MATCHLINE STA. 75+79.13

I-44 WESTBOUND

EVERGREEN RD

I-44 EASTBOUND

US RTE 66

57+24.29

68+74.95

Greene COUNTY LINE

EXIT 88

125

Strafford
Fair Grove
1 1/2 MILES

UIP (9)

FOOD - EXIT 88

HARDEE'S | CHESTER'S | INDIAN FOOD

TO BE RELOCATED BY OTHERS AS DIRECTED BY THE ENGINEER

SCALE

0 100 200 300 400 500

PRELIMINARY

SIGNING SHEET
SHEET 4 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE I-44 | STATE MO

DISTRICT SW | SHEET NO. 18

COUNTY GREENE

JOB NO. JSU0146

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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

EFFECTIVE 07-01-2022

SIGNS (902 SIGNAL SIGNS TABULATED ON D-37A SHEET)						CONCRETE FOOTINGS EMBEDDED	STRUCTURAL STEEL POSTS *						PIPE POSTS *					BACKING BARS **				U-CHANNEL POST	PERFORATED SQUARE STEEL TUBE												BREAK-AWAY ASSEMBLY	REMARKS AND OTHER REQUIRED ITEMS
																							2 IN. POST						2.5 IN. POST							
																										ANCHORS						ANCHORS			
SIGN NO.	SIGN SIZE	STATION	HORZ CLEAR IF NOT STD	LOCATION	SIGN DTL. SHT. NO.	ITEM NO. 9031010	POST DES NO.	POST NO.1	POST NO.2	POST NO.3	LBS PER FT	TOTAL ITEM NO. 9031210	PIPE SIZE	POST NO.1	POST NO.2	LBS PER FT	TOTAL ITEM NO. 9031220	NO. EACH	2" X ▯" BARS @ 2.55 LBS PER FT LGTH IN.	TOTAL LF	TOTAL LBS	ITEM NO. 9031250A	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031270A	DRIVEN 12-GA. ITEM NO. 9031271A	DRIVEN 7-GA. ITEM NO. 9031273A	CONCRETE 7-GA. ITEM NO. 9031274	POST NO.1	POST NO.2	TOTAL ITEM NO. 9031280	2.25" INSERT (6 FT) ITEM NO. 9031272A	DRIVEN 7-GA. ITEM NO. 9031281A	CONCRETE 7-GA. ITEM NO. 9031285	ITEM NO. 9031241	
						CY		LF	LF	LF		LBS	IN.	LF	LF		LBS						LF	LF	LF	EA	EA	EA	LF	LF	LF	EA	EA	EA	EA	
1	204X168	-14+56		LEFT		3.04	6	28.75	31.25		26.0	1560																								
2	18X60	2+19.57		LEFT																			10		10			1								
3	18X60	12+72.78		LEFT																			10		10			1								
4	18X60	23+26.41		LEFT																			10		10			1								
5	18X60	33+85.43		LEFT																			10		10			1								
6	18X60	44+38.54		LEFT																			10		10			1								
7	18X60	54+95.21		LEFT																			10		10			1								
8	18X60	65+51.91		LEFT																			10		10			1								
11	24X32	75+33.82		LEFT																			10		10	1										
10	60X48	75+33.82		LEFT		0.32	1	15.00	15.50		9.0	275																								
	18X60	14+79.66		EB RIGHT																			10		10	1										
	18X60	25+38.42		EB RIGHT																			10		10	1										
	18X60	46+54.53		EB RIGHT																			10		10	1										
	18X60	57+11.86		EB RIGHT																			10		10	1										
	18X60	67+67.20		EB RIGHT																			10		10	1										
	18X60	78+22.35		EB RIGHT																			10		10	1										
	18X60	88+76.95		EB RIGHT																			10		10	1										
SUBTOTAL						3.36						1835													150	8		7								
TOTAL						3.4						1840										**			150	8		7								

PRELIMINARY

* BREAKAWAY ASSEMBLY IS INCIDENTAL FOR STRUCTURAL STEEL AND PIPE POSTS.
** BACKING BARS ARE TOTALED WITH STRUCTURAL STEEL OR PIPE POSTS.

ROUND PIPE POST AND FOOTING DATA TABLE

NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING		CONCRETE
(IN.)	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.
2½	5.79	0.48	4'- 3½"	12"	4-6"	0.13
3	7.58	0.63	4'- 3½"	12"	4-6"	0.13
4	10.79	0.90	5'- 3½"	18"	5-6"	0.36

STRUCTURAL STEEL POST AND FOOTING DATA TABLE

POST DES. NO.	POST NOM. SIZE	POST WEIGHT LBS/FT	POST WEIGHT LBS/IN	POST STUB LENGTH	FOOTING DIA.	FOOTING LEVEL GROUND DEPTH	FOOTING LEVEL GROUND C.Y.	FOOTING 6:1 GRADE DEPTH	FOOTING 6:1 GRADE C.Y.	FOOTING 4:1 GRADE DEPTH	FOOTING 4:1 GRADE C.Y.	FOOTING 3:1 OR 2:1 GRADE DEPTH	FOOTING 3:1 OR 2:1 GRADE C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

SIGNING SHEET
SHEET 5 OF 8

D-29

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 19
COUNTY GREENE
JOB NO. JSU0146
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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

EFFECTIVE 10-01-2016

STANDARD SIGN ASSEMBLIES

SIGN NUMBER	STATION	LOCATION	TYPE																	
			D10-5	I6-1	E1-1	E1-5P														
			SIGN DESCRIPTION, SIZES & NUMBER OF EACH																	
			18X60	60X48	204X168	96X30														
1	-14+56	LEFT			1	1														
2	2+19.57	LEFT	1																	
3	12+72.78	LEFT	1																	
4	23+26.41	LEFT	1																	
5	33+85.43	LEFT	1																	
6	44+38.54	LEFT	1																	
7	54+95.21	LEFT	1																	
8	65+51.91	LEFT	1																	
10	75+33.82	LEFT																		
11	75+33.82	LEFT		1																
		TOTAL	7	1	1	1														

SIGN SUMMARY

STANDARD SIGN OR SPECIAL SIGN NUMBER	SIGN DETAIL SHEET NO.	NO. EACH	SIZE, TYPE & SQUARE FEET				
			SIZE	FLAT SHEET SH ITEM NO. 9035004A	FLAT SHEET FLUORESCENT SHF * ITEM NO. 9035069A	STRUCTURAL ST ITEM NO. 9035011A	STRUCTURAL FLUORESCENT STF * ITEM NO. 9035071A
MULTI-SIGN ASSEMBLY	17	1	VARIES			307	
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
STANDARD D10-5		1	18X60	7.5			
MULTI-SIGN ASSEMBLY							
SPECIAL I6-1		1	60X48	20			
			TOTAL	73		307	

* ORANGE, YELLOW & YELLOW/GREEN

PRELIMINARY

SIGNING SHEET
SHEET 6 OF 8

D-30

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	20

COUNTY GREENE

JOB NO. JSU0146

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)

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

SIGN NO.	1
STATION	1456' WEST OF STA. 0+00.00
ROADWAY	I-44 WBL

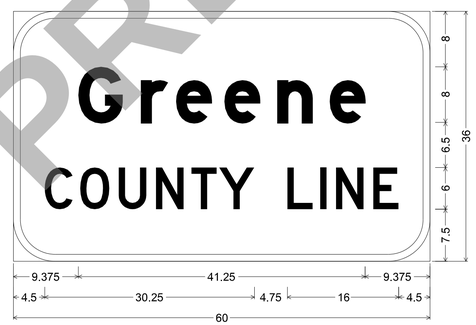


E1-5P ST-STRUCTURAL;
6.000" Radius, 2.000" Border, White on, Green;
"EXIT", E Mod; "88", E Mod;

E1-1 ST-STRUCTURAL;
12.000" Radius, 2.000" Border, White on, Green;
State Highway 125 M1-6a4 18.000" C; "Strafford", E Mod; "Fair Grove", E Mod; Arrow 160 - 35.000" 45';
Table of letter and object lefts

E 11.125	X 20.625	I 31.375	T 35.375	B 57.875	B 72.875
125 79.500					

S 33.500	t 53.625	r 70.000	a 82.625	f 101.125	f 113.250	o 125.750	r 145.000	d 157.750	
F 20.625	a 38.000	I 58.375	r 69.750	G 99.500	r 122.000	o 134.750	v 151.750	e 170.625	
88.250									



I6-1 ST-STRUCTURAL;
6.000" Radius, 1.000" Border, White on, Green;
"Greene", E Mod; "COUNTY LINE", D 95% spacing;
Table of letter and object lefts

G 9.375	r 18.375	e 23.375	e 30.375	n 38.000	e 45.500	
C 4.500	O 9.625	U 15.125	N 20.500	T 25.625	Y 29.625	
	L 39.500	I 44.250	N 46.500	E 51.875		

SIGN NO.	10
STATION	75+33.82
ROADWAY	I-44 WBL

PRELIMINARY

SIGNING SHEET
SHEET 7 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	21

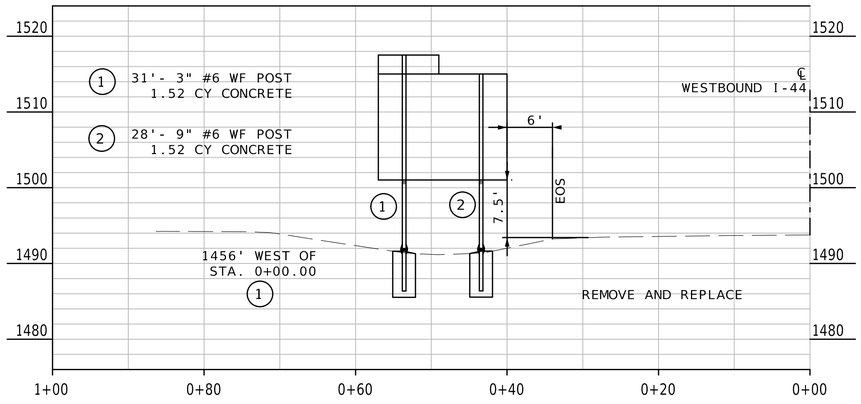
COUNTY: GREENE
JOB NO.: JSU0146
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

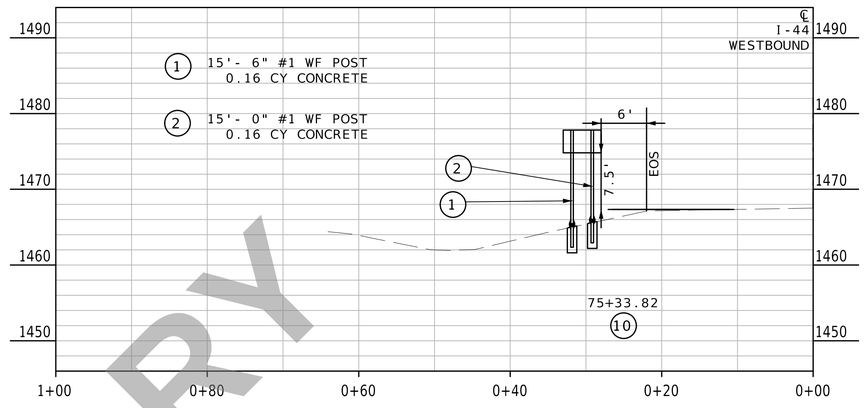
DESCRIPTION	DATE

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

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





PRELIMINARY

SIGNING SHEET
SHEET 8 OF 8

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED
3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	22

COUNTY
GREENE

JOB NO.
JSU0146

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

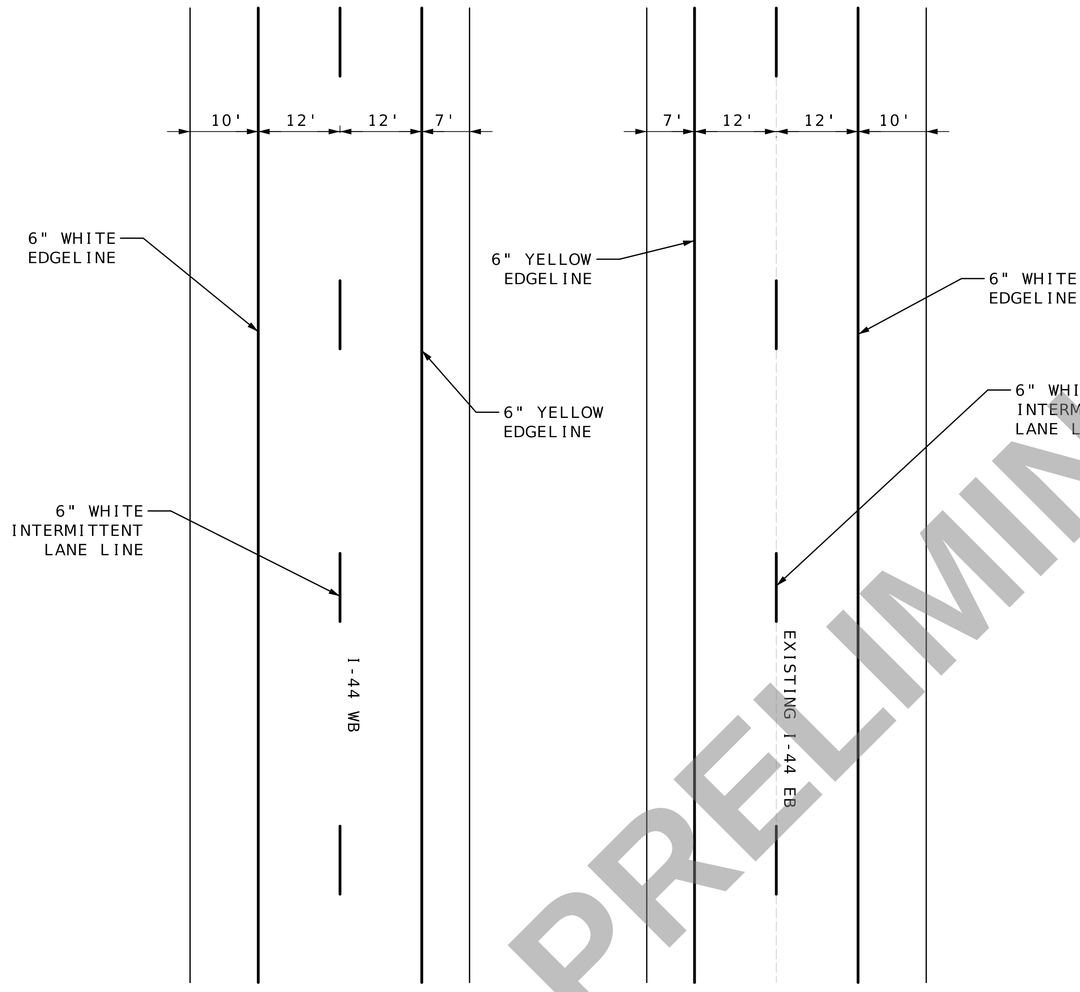
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

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

Bartlett & West
601 MONROE ST. SUITE 201 - JEFFERSON CITY, MO 65101
PHONE 573-634-3181
CERTIFICATE OF AUTHORITY NO. 000167 - ENGINEERING
WWW.BARTLETTWEST.COM

TYPICAL LANE MARKINGS

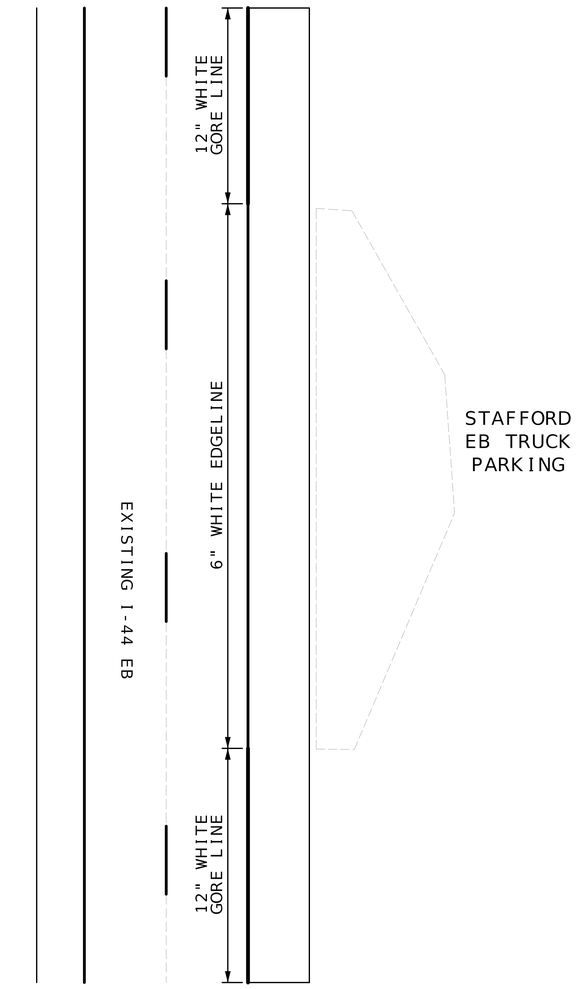
PAVEMENT REPLACEMENT



WB I-44
STA. 0+00.00 TO STA. 75+79.13

EB I-44
STA. 6+20.00 TO STA. 99+07.33

STAFFORD TRUCK PARKING GORE



EB I-44
STA. 21+38.56 TO STA. 32+04.07

NOT TO SCALE

PRELIMINARY

NOTES:
A. ALL PAVEMENT MARKING SHALL COMPLY WITH STANDARD PLAN 620.00L.
B. ALL RUMBLE STRIPS SHALL COMPLY WITH STANDARD PLANS 626.00H, AND PAINTED ACCORDING TO 620.00L.
C. EDGELINES AND LANE LINES FOR DIVIDED HIGHWAYS AS SHOWN ABOVE SHALL BE PAINTED WITH HIGH BUILD WATERBORNE PAINT, TYPE L BEADS.

PAVEMENT REPLACEMENT
PAVEMENT MARKING
SHEET 1 OF 1

Preliminary Plans - NOT FOR CONSTRUCTION

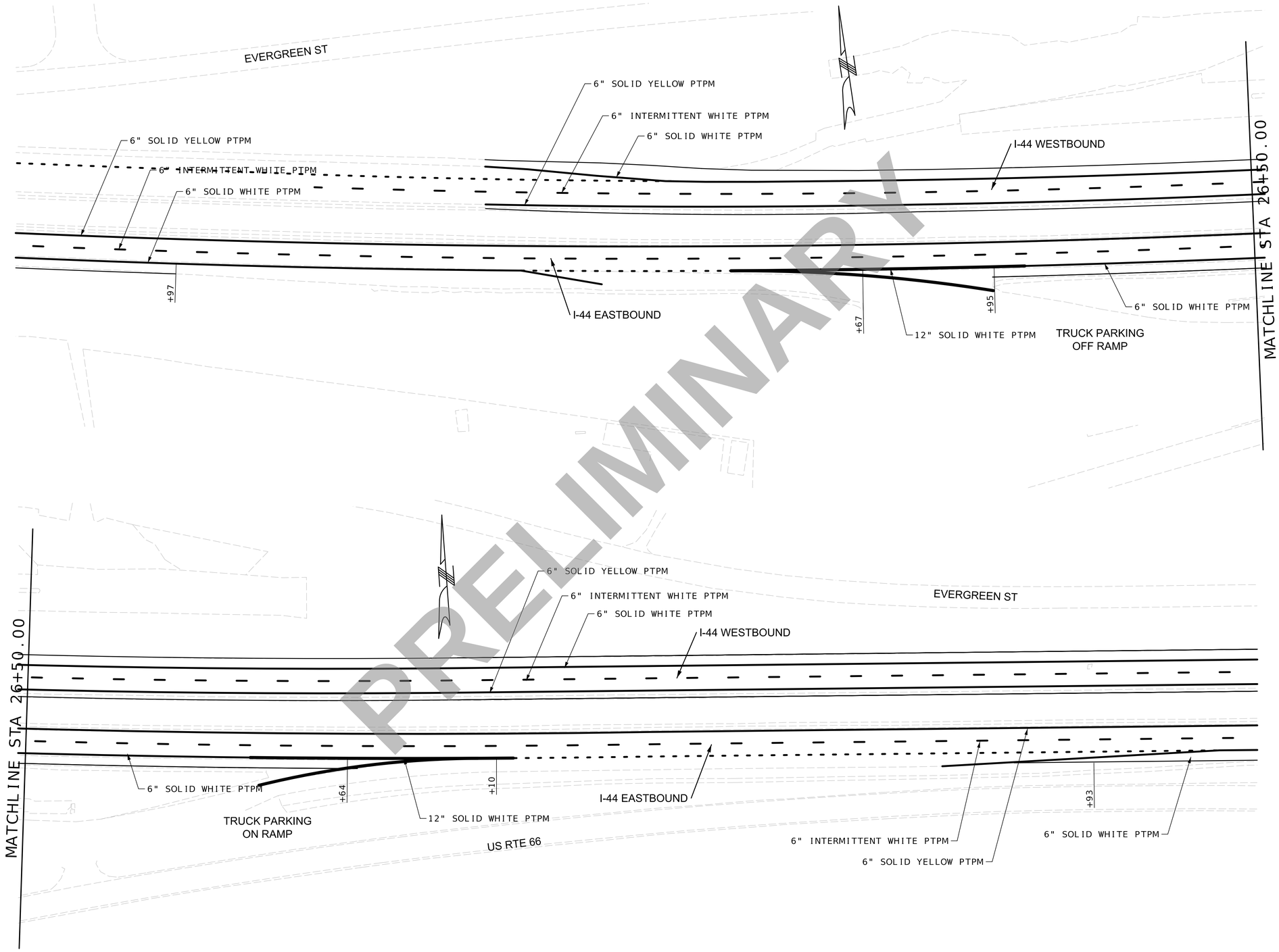
DATE PREPARED 3/18/2024
ROUTE I-44 | STATE MO
DISTRICT SW | SHEET NO. 23
COUNTY GREENE
JOB NO. JSU0146
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578



PRELIMINARY

SCALE

0 50 100 150

PAVEMENT MARKING DETAIL
STRAFFORD I-44 EB
TRUCK PARKING

Preliminary Plans - NOT FOR CONSTRUCTION

DATE PREPARED 3/18/2024

ROUTE	STATE
I-44	MO
DISTRICT	SHEET NO.
SW	24

COUNTY GREENE

JOB NO. JSU0146

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)

EFK•Moen
Civil Engineering Design
13523 Barrett Parkway Dr
Suite 250
St. Louis, MO 63021
Phone 314-394-3100
Fax 314-394-3199
Missouri Certificate of Authority: 001578