MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED STATE HIGHWAY

ST. LOUIS COUNTY

DESIGN DESIGNATION

A.A.D.T. - 2025 = 158186
A.A.D.T. - 2045 = 193016
D.H.V. = 10%
T = 18%
V = 60 M.P.H.
D = 51.79%
FUNCTIONAL CLASSIFICATION- INTERSTATE

NO NEW RIGHT OF WAY WILL BE ACQUIRED FOR THIS PROJECT

CONVENTIONAL SYMBOLS

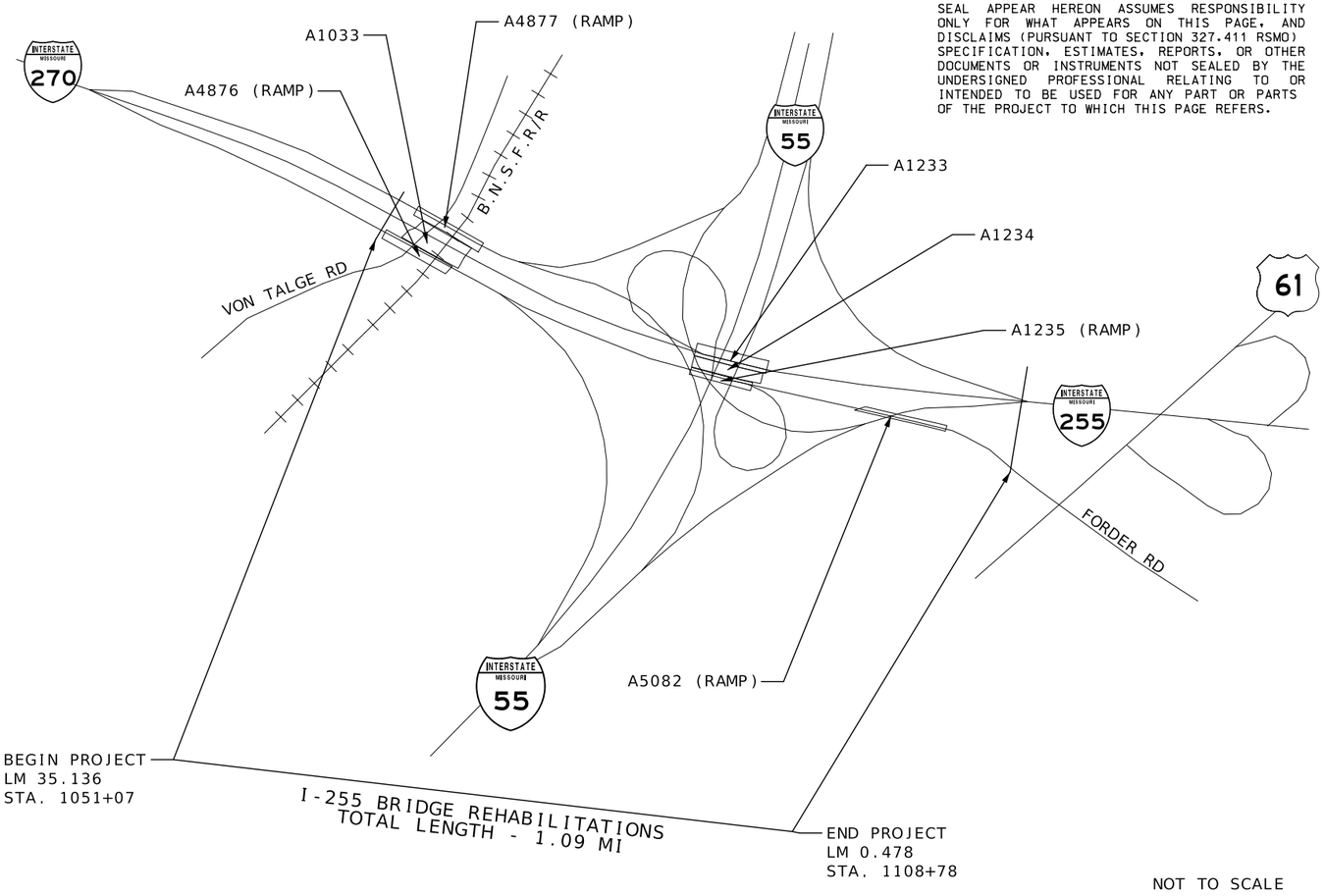
(USED IN PLANS)

	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



KEY MAP
LOCATION OF ST. LOUIS COUNTY



NOT TO SCALE

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

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.

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A5082	1-5

LENGTH OF PROJECT

I-255:

BRIDGE A1033 BEGINNING OF PROJECT END OF PROJECT APPARENT LENGTH	STA 1054+33 STA 1061+65 732 FEET	BRIDGE A4867 BEGINNING OF PROJECT END OF PROJECT APPARENT LENGTH	STA 1053+94 STA 1058+69 475 FEET	BRIDGE A1234 BEGINNING OF PROJECT END OF PROJECT APPARENT LENGTH	STA 1071+75 STA 1075+49 374 FEET		
BRIDGE A4866 BEGINNING OF PROJECT END OF PROJECT APPARENT LENGTH	STA 1053+94 STA 1058+69 475 FEET	BRIDGE A1233 BEGINNING OF PROJECT END OF PROJECT APPARENT LENGTH	STA 1071+75 STA 1075+49 374 FEET	BRIDGE A1235 BEGINNING OF PROJECT END OF PROJECT APPARENT LENGTH	STA 1071+43 STA 1075+33 390 FEET	BRIDGE A5082 BEGINNING OF PROJECT END OF PROJECT APPARENT LENGTH	STA 5+58 STA 14+32 874 FEET

TOTAL CORRECTIONS	0.000	FEET
NET LENGTH OF PROJECT	3694	FEET
STATE LENGTH	0.699	MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.61	ACRES

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:38:56 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 10/5/2026
ROUTE: I-255 | STATE: MO
DISTRICT: SL | SHEET NO.: 1
COUNTY: ST. LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

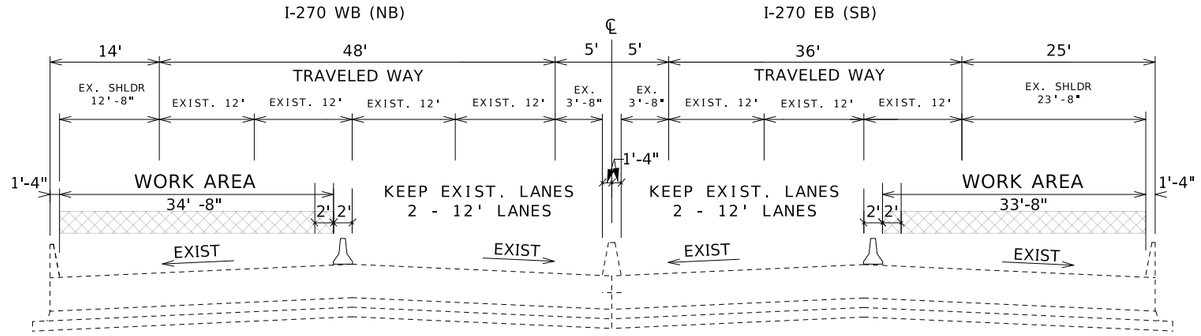
DESCRIPTION | DATE

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

TITLE SHEET

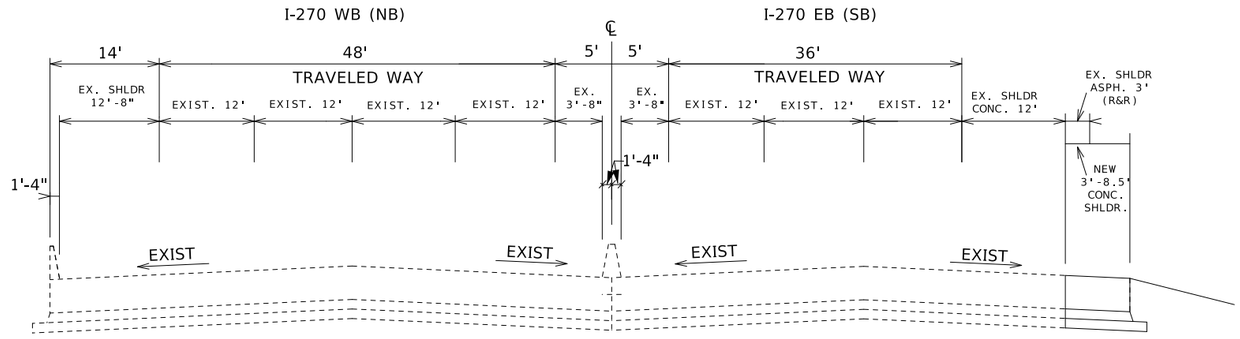
STAGE 1

BRIDGE A1033



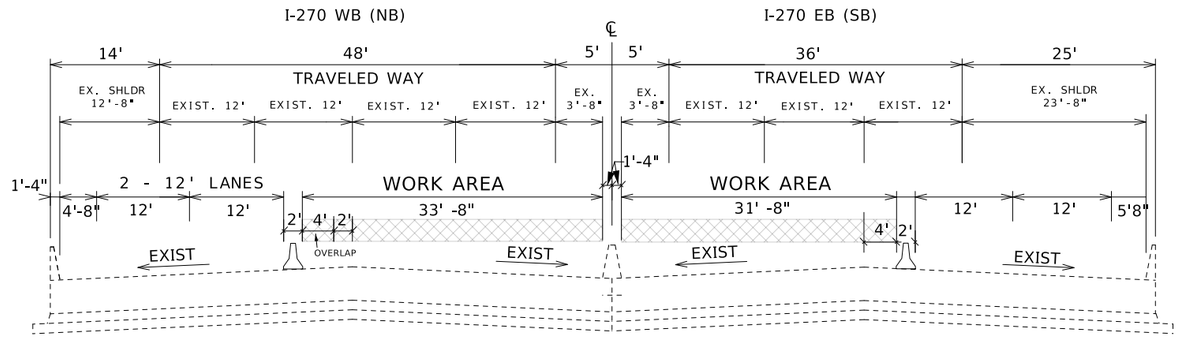
I-270 OVER VON TALGE AND RR

SHOULDER WIDENING STA 1058+35 TO STA 1061+65



I-270 OVER VON TALGE AND RR

BRIDGE A1033



STAGE 2

I-270 OVER VON TALGE AND RR

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

08/27/2026 7:04:58 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687
DATE PREPARED
8/26/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

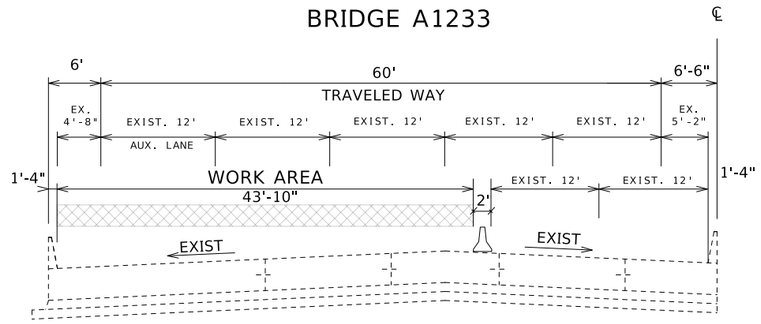
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TYPICAL SECTIONS
TRAFFIC CONTROL STAGING

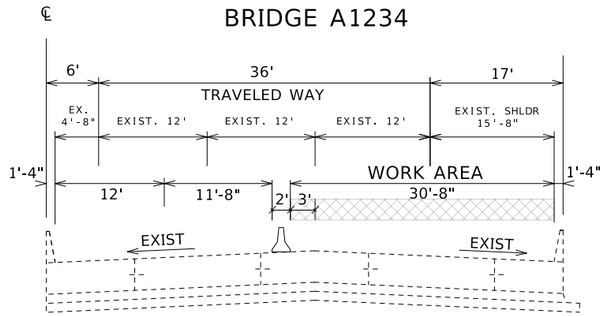
STAGE 1

BRIDGE A1233



WB I-270 OVER I-55

BRIDGE A1234

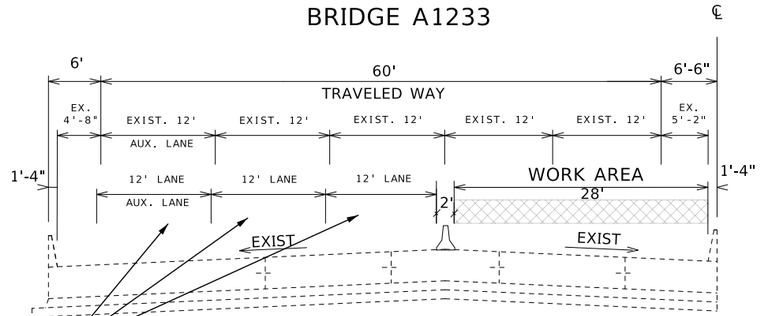


EB I-270 OVER I-55

STAGE 1

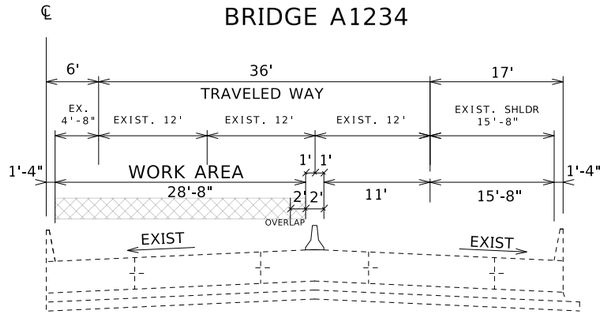
STAGE 2

BRIDGE A1233



WB I-270 OVER I-55

BRIDGE A1234



EB I-270 OVER I-55

STAGE 2

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 7:05:08 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

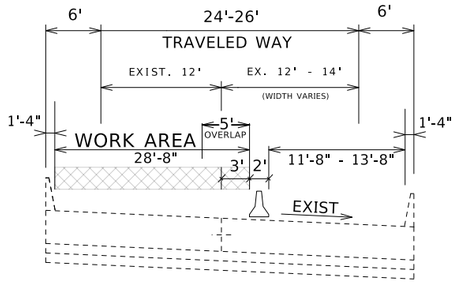
DESCRIPTION

DATE

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

TYPICAL SECTIONS
TRAFFIC CONTROL STAGING

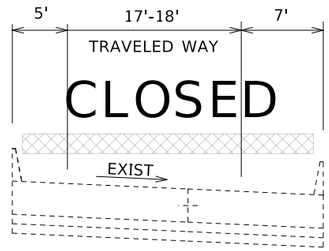
BRIDGE A1235



EXIT RAMP FROM EB I-270
TO I-55 OR RT 61/67

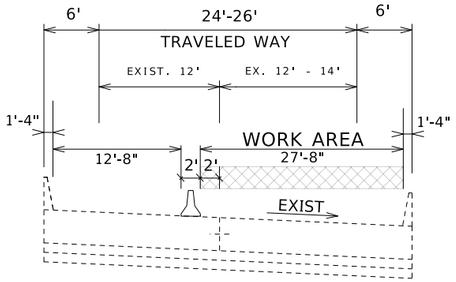
STAGE 1

BRIDGE A5082



EXIT RAMP FROM EB I-270
TO RT 61/67 (LEMAY FERRY)

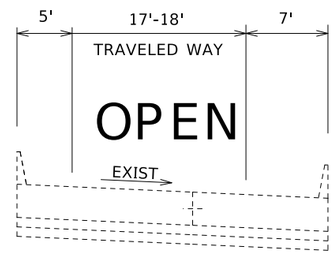
BRIDGE A1235



EXIT RAMP FROM EB I-270
TO I-55 OR RT 61/67

STAGE 2

BRIDGE A5082



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 7:05:16 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

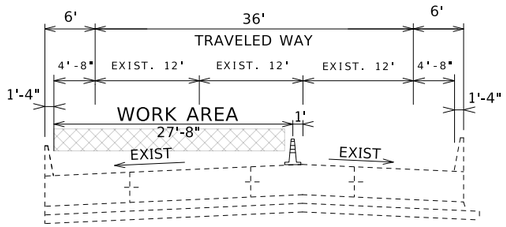
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TYPICAL SECTIONS
TRAFFIC CONTROL STAGING

BRIDGE A4877

STAGE 1
NIGHT WORK

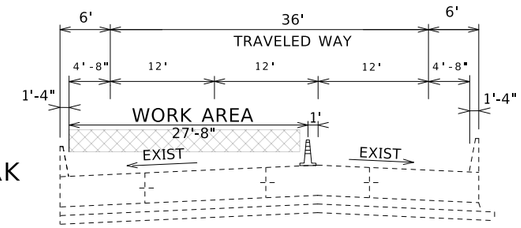


=TRIMLINE

WB RAMP FROM I-55 NB
TO I-270 WB

BRIDGE A4876

STAGE 1
NIGHT WORK

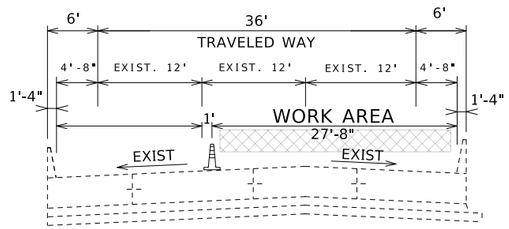


=TRIMLINE

EB RAMP FROM EB I-270
TO I-55 SB

BRIDGE A4877

STAGE 2
NIGHT WORK

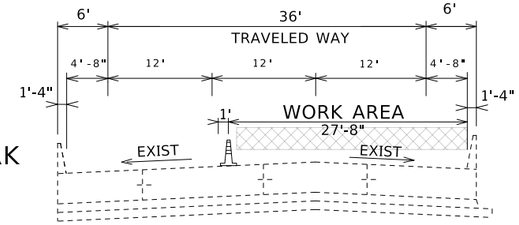


=TRIMLINE

WB RAMP FROM I-55 NB
TO I-270 WB

BRIDGE A4876

STAGE 2
NIGHT WORK



=TRIMLINE

EB RAMP FROM EB I-270
TO I-55 SB

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:45:42 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
9/25/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
SL	2

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

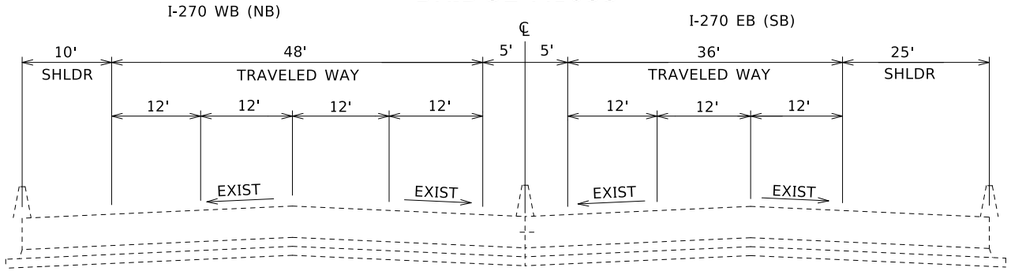
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

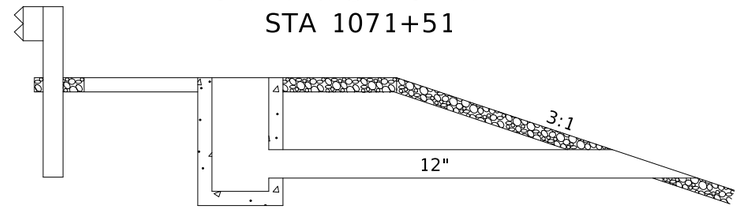
TYPICAL SECTIONS
TRAFFIC CONTROL STAGING

BRIDGE A1033



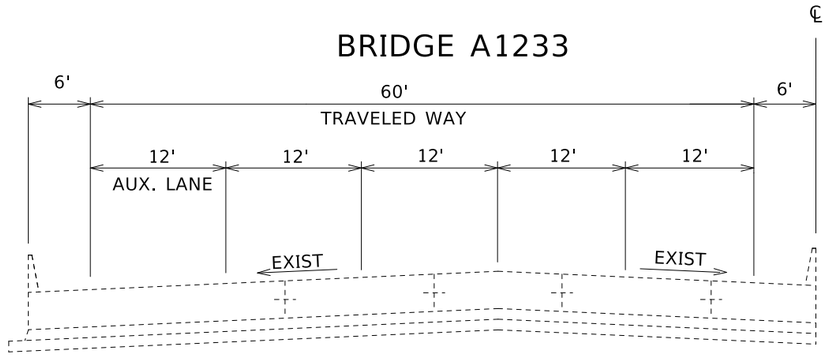
I-270 OVER VON TALGE AND RR

BRIDGE A1235
DRAIN BASIN DETAIL
STA 1071+51



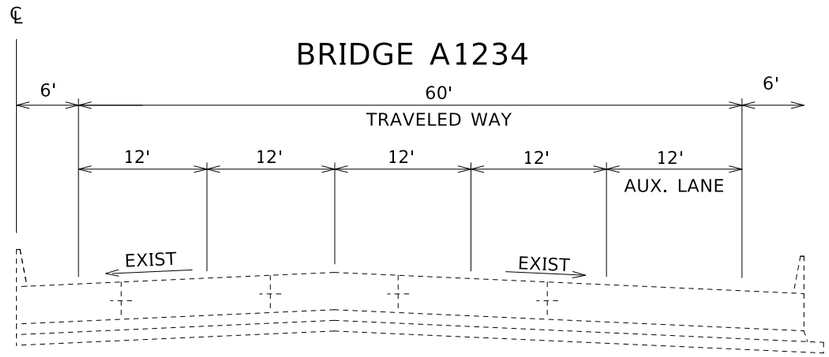
*SEE STANDARD PLANS 606.00AY & 609.40U FOR ADDITIONAL DETAILS

BRIDGE A1233



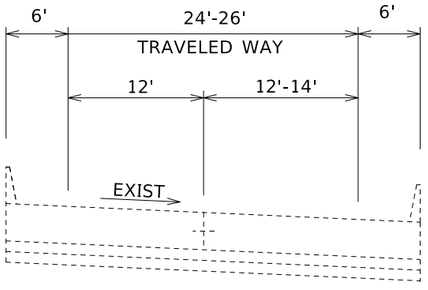
WB I-270 OVER I-55

BRIDGE A1234



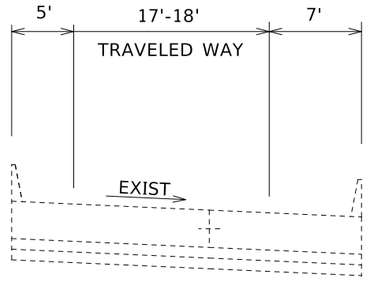
EB I-270 OVER I-55

BRIDGE A1235



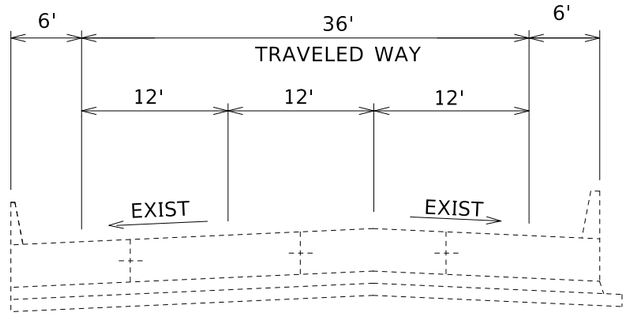
EXIT RAMP FROM EB I-270
TO I-55 OR RT 61/67

BRIDGE A5082



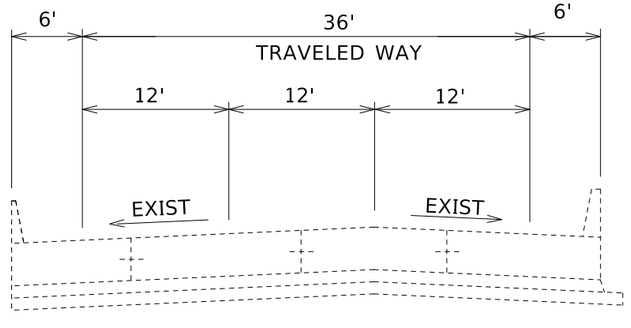
EXIT RAMP FROM EB I-270
TO RT 61/67 (LEMAY FERRY)

BRIDGE A4877



WB RAMP FROM I-55 NB
TO I-270 WB

BRIDGE A4876



EB RAMP FROM EB I-270
TO I-55 SB

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 7:05:24 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 8/26/2026
ROUTE: I-270 | STATE: MO
DISTRICT: SL | SHEET NO.: 2
COUNTY: ST. LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

TYPICAL SECTIONS

REMOVAL OF IMPROVEMENTS

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	LENGTH (FT)	EACH	AREA (SY)	DESCRIPTION
5	I-255	1054+33	1055+05	LT			50	EX. SLOPE PROTECTION A1033
14	I-255	1054+60	1054+95	LT	35			EX. CURB A1033
4	NB/SB I-255	1054+39	1058+59	LT/RT			1812.33	EX. APPROACH SLABS / PAVEMENT A1033
5	SB I-255	1058+35	1061+65	RT			220	EX. ASPHALT SHOULDER
10	NB I-255	1075+29	1076+00	LT	70			EX. GUARDRAIL
10	NB I-255	1067+72	1071+95	LT	450			EX. GUARDRAIL
10	SB I-255	1070+85	1071+86	RT	100			EX. GUARDRAIL
10	I-255 COLL.-DIST.	1070+44	1071+77	RT	135			EX. GUARDRAIL
10	I-255 COLL.-DIST.	1071+08	1071+81	RT	77			EX. GUARDRAIL
10	I-255 COLL.-DIST.	1074+87	1075+48	RT	63			EX. GUARDRAIL
10	I-255 COLL.-DIST.	1074+91	1075+40	RT	50			EX. GUARDRAIL
10	I-255 COLL.-DIST.	1071+43	1071+81	RT			170	EX. APPROACH SLABS / PAVEMENT A1235
10	I-255 COLL.-DIST.	1074+89	1075+33	RT			192	EX. APPROACH SLABS / PAVEMENT A1235
12	I-255 COLL. DIST.	1071+51	-	RT		1		EX. DRAIN BASIN A1235
14	SB I-255 EXIT RAMP B	11+34	14+32				600	EX. 14" PAVEMENT A5082
14	SB I-255 EXIT RAMP B	11+34	14+32				600	4" OF EX. BASE A5082
14	I-55 RELOCATE RAMP X	26+25	29+70	RT			1400	EX. SLOPE PROTECTION A5082
-	NB I-55 RAMP	103+63	109+47	RT	590			EX. GUARDRAIL
-	NB I-255 RAMP	1058+30	1062+29	LT	395			EX. GUARDRAIL
-	SB I-255 COLL-DIST.	1057+64	1062+73	RT	525			EX. GUARDRAIL
-	SB I-255 COLL-DIST.	1061+76	1062+79	RT	105			EX. GUARDRAIL
-	SB I-255 COLL-DIST.	1066+90	1067+93	RT	105			EX. GUARDRAIL
-	SB I-255 COLL-DIST.	1066+95	1067+98	RT	105			EX. GUARDRAIL
-	NB I-255	1086+34	1087+38	LT	105			EX. GUARDRAIL
-	NB I-255	1094+36	1095+12	LT	75			EX. GUARDRAIL
-	SB I-255	1092+75	1094+20	RT	145			EX. GUARDRAIL
-	SB I-255	1094+35	1096+49	RT	212			EX. GUARDRAIL
TOTAL = 1 LS								

EARTHWORK

PLAN SHEET NO	ROADWAY	BEGIN STATION	END STATION	CLASS A EXCAVATION (CY)	REMARKS
14	I-255 EXIT RAMP B	11+34	14+32	67.0	4" DEPTH. PAVEMENT EAST OF A5082
SUB TOTALS				67.0	
PAY TOTALS				67	

LINEAR GRADING CLASS 2 MODIFIED

PLAN SHEET NO	ROADWAY	BEGIN STATION	END STATION	LINEAR GRADING CLASS 2 MODIFIED (STA)	REMARKS
5	I-255	1058+35	1061+65	3.3	RIGHT SHOULDER
SUB TOTALS				3.3	
PAY TOTALS				3.3	

TYPE 5 AGGREGATE FOR BASE (6 IN. THICK)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	AREA (SY)	REMARKS
14	I-255 EXIT RAMP B	11+34	14+32	600	PAVEMENT EAST OF A5082
SUB TOTALS				600	
PAY TOTALS				600	

TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	AREA (SY)	REMARKS
5	SB I-255	1058+35	1061+65	RT	220	RIGHT SHOULDER
SUB TOTALS					220	
PAY TOTALS					220	

SUMMARY OF QUANTITIES
SHEET 1 OF 6

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:39:07 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 10/2/2026
ROUTE: I-270 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

SUMMARY OF QUANTITIES

MISC. BRUSH CLEARING WITHIN 20 FT OF BRIDGE EDGES A4876 & A4877	
PAY TOTAL	1 LUMP SUM

CONCRETE PAVEMENT (10 IN. NON-REINFORCED 15 FT JOINTS)						
PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	AREA (SY)	REMARKS
5	SB I-255	1058+35	1061+65	RT	220	RIGHT SHOULDER (DOWELS & TIE BARS REQUIRED)
SUB TOTALS					220	
PAY TOTALS					220	

CONCRETE PAVEMENT (12 IN. NON-REINFORCED 15 FT JOINTS)						
PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	AREA (SY)	REMARKS
14	I-255 EXIT RAMP B	11+34	14+32	RT	600	PAVEMENT EAST OF A5082
SUB TOTALS					600	
PAY TOTALS					600	

CONCRETE APPROACH PAVEMENT						
PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	AREA (SY)	REMARKS
5	I-255	1054+30	1058+80		869	A1033, EXCLUDES APPR SLAB AREA
11	SB I-255 COLL.-DIST.	1071+43	1071+61	RT	82	A1235, EXCLUDES APPR SLAB AREA
11	SB I-255 COLL.-DIST.	1075+09	1075+33	RT	105	A1235, EXCLUDES APPR SLAB AREA
SUB TOTALS					1056	
PAY TOTALS					1056	

CONCRETE CURB (6 IN. HEIGHT AND UNDER) TYPE S						
PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	LENGTH (LF)	REMARKS
14	I-255	1054+60	1054+95	LT	35	A1033, AT NORTH APPROACH
SUB TOTALS					35	
PAY TOTALS					35	

SUMMARY OF QUANTITIES
SHEET 2 OF 6

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:39:18 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
SL	3

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SUMMARY OF QUANTITIES

FLOWABLE BACKFILL

PLAN SHEET NO	ROADWAY	BEGIN STATION	END STATION	FLOWABLE BACKFILL (CY)	REMARKS
8	I-255	1054+00	1055+00	10.0	A4876, WEST APPROACH SLAB
SUB TOTALS				10.0	
PAY TOTALS				10.0	

CONCRETE SLOPE PROTECTION

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	AREA (SY)	REMARKS
5	I-255	1054+33	1055+05	LT	50	A1033, AT NORTH APPROACH
SUB TOTALS					50	
PAY TOTALS					50	

DRAIN BASIN

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION
12	SB I-255 COLL.-DIST.	1071+51	-	A1235
PAY TOTALS				1 EA

PCCP JOINT / CRACK SEALING

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION
12	SB I-255 COLL.-DIST.	1071+67	1072+33	A1235 SLOPE PROTECTION, DETERMINED BY ENGINEER
12	SB I-255 COLL.-DIST.	1074+45	1074+94	A1235 SLOPE PROTECTION, DETERMINED BY ENGINEER
PAY TOTALS				580 LF

FURNISHING TYPE 2 ROCK BLANKET

PLAN SHEET NO.	ROADWAY	BEGIN STATION	END STATION	AREA (SY)	DEPTH (FT)	VOLUME (CY)	REMARKS
14	I-55 RELOCATE RAMP X	26+25	29+70	1400	2	933.33	SLOPE PROTECTION A5082
SUBTOTALS						933.33	
PAY TOTALS						933	

PLACING TYPE 2 ROCK BLANKET

PLAN SHEET NO.	ROADWAY	BEGIN STATION	END STATION	AREA (SY)	DEPTH (FT)	VOLUME (CY)	REMARKS
14	I-55 RELOCATE RAMP X	26+25	29+70	1400	2	933.33	SLOPE PROTECTION A5082
SUBTOTALS						933.33	
PAY TOTALS						933	

SLAB JACKING MATERIAL CEMENTITIOUS GROUT

PLAN SHEET NO.	ROADWAY	BEGIN STATION	END STATION	CEMENTITIOUS GROUT (TONS)*	REMARKS
14	I-255 EXIT RAMP B	5+58	11+34	19	APPROACH SLABS A5082, 1" DEPTH
SUBTOTALS				19	
PAY TOTALS				19	

PERMANENT EROSION CONTROL GEOTEXTILE

PLAN SHEET NO	ROADWAY	BEGIN STATION	END STATION	PERMANENT EROSION CONTROL GEOTEXTILE	REMARKS
				S.Y	
14	I-55 RELOCATE RAMP X	26+25	29+70	1400	
SUB TOTALS				1400	
PAY TOTALS				1400	

MOBILIZATION (LS)	
PAY TOTAL	1 LUMP SUM

RAILROAD PLAN SUBMITTAL (LS)	
PAY TOTAL	1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING AND STAKING (LS)	
PAY TOTAL	1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 3 OF 6

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:39:29 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 10/5/2026
ROUTE: I-270 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

SUMMARY OF QUANTITIES

GUARDRAIL

PLAN SHEET NO.	ROADWAY	BEGIN STA.	END STA.	LOCATION	MGS BRIDGE APPROACH TRANSITION (THRIE-BEAM BRIDGE) (EA)	MGS VERTICAL TRANSITION (EA)	MGS GUARDRAIL (LF)	MGS END ANCHOR (EA)	TYPE A CRASHWORTHY END TERMINAL (EA)	REMARKS
11	NB I-255	1075+29	1078+22	LT	1		200		1	TYPE A CWET NOT SHOWN FOR CLARITY
11	NB I-255	1067+72	1071+95	LT		1	387.5	1		END ANCHOR NOT SHOWN FOR CLARITY
11	SB I-255	1069+87	1071+86	RT	1		112.5		1	
11	SB I-255	1075+02	1076+15	RT		1	62.5	1		
11	SB I-255 COLL-DIST.	1069+06	1071+77	RT	1		187.5		1	
11	SB I-255 COLL-DIST.	1069+21	1071+81	RT	1		175		1	
11	SB I-255 COLL-DIST.	1074+87	1075+62	RT		1	25	1		
11	SB I-255 COLL-DIST.	1074+91	1076+03	RT		1	62.5	1		
11	NB I-55 RAMP	103+63	110+99	RT			685	1	1	TYPE A CWET NOT SHOWN FOR CLARITY
13	NB I-255 RAMP	1058+30	1064+43	LT	1		537.5		1	
13	SB I-255 COLL-DIST.	1057+53	1062+73	RT		1	475	1		
13	SB I-255 COLL-DIST.	1060+05	1062+79	RT			212.5	1	1	
13	SB I-255 COLL-DIST.	1065+31	1067+93	RT			200	1	1	
13	SB I-255 COLL-DIST.	1065+62	1067+98	RT			175	1	1	
13	NB I-255	1086+34	1089+10	LT			212.5	1	1	
13	NB I-255	1094+36	1096+62	LT		1	137.5		1	
13	SB I-255	1089+19	1094+20	RT		1	450		1	
13	SB I-255	1094+35	1096+49	RT		2	138			
				SUBTOTALS	5	9	4435.5	10	12	
				PAY TOTALS	5	9	4436	10	12	

PERMANENT PAVEMENT MARKING

PLAN SHEET NO.	ROADWAY	BEGIN STATION	END STATION	CLASS 2 PAVEMENT MARKING PAINT (25 MIL, TYPE L BEADS)					REMARKS
				6" WHITE		6" YELLOW	12" WHITE	12" WHITE	
				SOLID (LF)	INTERMITTENT (LF)	SOLID (LF)	DOTTED (LF)	SOLID (LF)	
6	I-255	1054+39	1058+57	785	490	790			A 1033
9	I-255	1053+94	1058+69	1100	270	700			A 4876, A4877
13	NB I-255	1071+75	1075+49	374					A1233
13	NB I-255	1071+75	1072+01	26					A1233
13	NB I-255	1072+01	1075+49				87		A1233
13	NB I-255	1071+75	1075+49		281				A1233
13	NB I-255	1071+75	1075+49			374			A1233
13	SB I-255	1071+75	1075+49	374					A1234
13	SB I-255	1071+75	1075+49		187				A1234
13	SB I-255	1071+75	1075+49			374			A1234
13	SB I-255 COLL-DIST.	1071+43	1075+33	390					A1235
13	SB I-255 COLL-DIST.	1071+43	1073+92		249				A1235
13	SB I-255 COLL-DIST.	1073+92	1075+33					141	A1235
13	SB I-255 COLL-DIST.	1071+43	1075+33			390			A1235
14	I-255 EXIT RAMP B	5+58	14+32	874		874			EAST OF A5082
SUBTOTALS				3923	1477	3502	87	141	
PAY TOTALS				5400		3502	228		

MoDOT ITS ASSETS RELOCATION	
PAY TOTAL	100 LF

TRAFFIC SIGNAL MAINTENANCE AND PROGRAMMING	
PAY TOTAL	1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 4 OF 6

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:39:37 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 10/2/2026
ROUTE: I-270 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

SUMMARY OF QUANTITIES

TEMPORARY PAVEMENT MARKING PAINT

PLAN SHEET NO	ROADWAY	BEGIN STATION	END STATION	4 IN. TEMP. PAINT (LF)	REMARKS
			PHASE 1		
36	SB I-255	1037+58	1045+83	841	
37-39	SB I-255	1054+27	1087+18	3223	
36-39	SB I-255	1037+58	1087+18	4910	
36-39	SB I-255	1037+58	1087+18	4913	
37-38	SB I-255 COLL.-DIST.	1061+51	1076+04	1588	
37-38	SB I-255 COLL.-DIST.	1061+51	1075+56	1331	
			PHASE 2		
77-80	SB-255	1042+68	1086+16	4285	
77-80	SB-255	1042+68	1086+16	7288	
77-80	SB-255	1077+75	1086+16	3986	
79-80	NB I-255	1069+24	1083+16	1306	
77-80	NB I-255	1045+23	1083+37	3728	
77-80	NB I-255	1045+23	1084+03	3795	
77-80	NB I-255	1045+23	1084+52	3861	
			SUB TOTALS	45055*	*FOR INFORMATION ONLY

PAVEMENT MARKING REMOVAL

PLAN SHEET NO	ROADWAY	BEGIN STATION	END STATION	PAVEMENT MARKING REMOVAL (LF)	REMARKS
			PRE PHASE 1		
36-39	NB/SB I-255	1037+58	1087+18	7,126	ASPHALT WEST OF A1033
			POST PHASE 2		
77-80	NB/SB-255	1042+68	1084+52	28,249	ASPHALT WEST OF A1033
			SUB TOTALS	35,375*	*FOR INFORMATION ONLY

PAVEMENT MARKING REMOVAL WITHIN CONCRETE SURFACES	
PAY TOTAL	1 LUMP SUM

TEMPORARY PAVEMENT MARKING PAINT	
PAY TOTAL	1 LUMP SUM

SUMMARY OF QUANTITIES
SHEET 5 OF 6

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:39:51 PM
STUART ROBINSON MCNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 10/2/2026
ROUTE: I-270 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

SUMMARY OF QUANTITIES

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00	1	16.00				REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00	2	32.00				DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00	1	16.00				DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00	1	16.00				YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00	2	32.00				BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00	4	64.00				MERGE (SYMBOL FROM RIGHT)
WO4-2L	48X48	16.00	3	48.00				LANE ENDS (LEFT)
WO4-2R	48X48	16.00	4	64.00				LANE ENDS (RIGHT)
WO5-1	48X48	16.00	2	32.00				ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00						UNEVEN LANES
WO8-12	48X48	16.00						NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
WO16-2	30X24	5.00						XXX FEET (PLAQUE)
WO16-3	30X24	5.00						X MILE (PLAQUE)
WO20-1	48X48	16.00	12	192.00				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00	1	16.00				DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00	2	32.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00	7	112.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00	6	96.00				2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00	7	112.00				RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	2	32.00				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00	2	24.00				GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	4	40.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	4	32.00				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	10	60.00				WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00	1	3.00				END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)
MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93	1	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	14	168.00				SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25	1	6.25				RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45^ ARROW)
R11-2	48X30	10.00	2	20.00				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						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00	2	64.00				POINT OF PRESENCE
CONST-8	48X36	12.00	4	48.00				WORK ZONE NO PHONE ZONE
SPECIAL	96x72	48.00	3	144.00				LEMAY FERRY RD - USE EXIT 1B
SPECIAL	96x24	16.00	6	96.00				CLOSED - OVERHEAD ATTACHMENT
SPECIAL	36x36	9.00	3	27.00				ARROW - OVERHEAD ATTACHMENT
SPECIAL	36x36	9.00	5	45.00				BLANK - OVERHEAD ATTACHMENT
SPECIAL	36x78	19.50	1	19.50				I-270 N. DETOUR-STR ARROW
SPECIAL	36x78	19.50	1	19.50				I-270 N. DETOUR-RT ARROW
SPECIAL	36x78	19.50	1	19.50				I-270 N. DETOUR-LT CURVE ARROW
SPECIAL	36x78	19.50	1	19.50				I-270 N. DETOUR-HARD RT ARROW
SPECIAL	36x78	19.50	2	78.00				I-270 N. DETOUR-RT CURVE ARROW
SPECIAL	96x48	32.00	1	32.00				I-270 N. RAMP CLOSED AHEAD

616-10.05 CONSTRUCTION SIGNS	TOTAL 1834
616-10.10 RELOCATED SIGNS	TOTAL

ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025 DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014	12**	IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020	38**	REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6122040		WORK ZONE CRASH CUSHION (NARROW)
6122041		WORK ZONE CRASH CUSHION (RELOCATION)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161020		CHANNELIZER (DRUM-LIKE)
6161022		CHANNELIZER (CONE)
6161025	454	CHANNELIZER (TRIM-LINE)
6161026		CHANNELIZER (VERTICAL PANEL)
6161030	44	TYPE 3 MOVEABLE BARRICADE
6161033	98	DIRECTION INDICATOR BARRICADE
6161040	7	FLASHING ARROW PANEL
6161047		TYPE 3 OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A	6**	CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6173600D	2623**	TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED
6173700B	2360**	TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED
6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED
6175010A	1918**	RELOCATING TEMPORARY TRAFFIC BARRIER
6175011B	2337**	RELOCATING TEMP. TRAFFIC BARRIER ANCHORED
6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS
6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING
6169901		ADA COMPLIANT MOVEABLE BARRICADE

TEMPORARY TRAFFIC CONTROL	PAY TOTAL = 1 LUMP SUM

NOTE: ALL TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99.01, TEMPORARY TRAFFIC CONTROL, LUMP SUM, UNLESS NOTED OTHERWISE IN THE PLANS. THESE QUANTITIES ARE ONLY AN ESTIMATE AND ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS.

-NO DIRECT PAY WILL BE MADE FOR CONSTRUCTION SIGNS OR DEVICES

-SIGN AND DEVICE LOCATIONS WILL BE FIELD VERIFIED AND APPROVED BY THE ENGINEER

-CMS LOCATIONS TO BE DETERMINED BY THE ENGINEER

✳ NO DIRECT PAYMENT FOR RELOCATED SIGNS
✳✳ ITEMS NOT INCLUDED IN TEMPORARY TRAFFIC CONTROL, LUMP SUM

DISCLAIMER
THE PROFESSIONAL WHOSE SIGNATURE AND PERSONAL SEAL APPEAR HEREON ASSUMES RESPONSIBILITY ONLY FOR WHAT APPEARS ON THIS PAGE, AND DISCLAIMS (PURSUANT TO SECTION 327.411 RSMO) SPECIFICATION, ESTIMATES, REPORTS, OR OTHER DOCUMENTS OR INSTRUMENTS NOT SEALED BY THE UNDERSIGNED PROFESSIONAL RELATING TO OR INTENDED TO BE USED FOR ANY PART OR PARTS OF THE PROJECT TO WHICH THIS PAGE REFERS.

SUMMARY OF QUANTITIES
SHEET 6 OF 6

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/07/2026 9:51:48 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 10/7/2026
ROUTE: I-270 | STATE: MO
DISTRICT: SL | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: JSL0053
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)

QUANTITY SHEET
SHEET 6 OF 6

BRIDGE ITEMS (A1033): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING

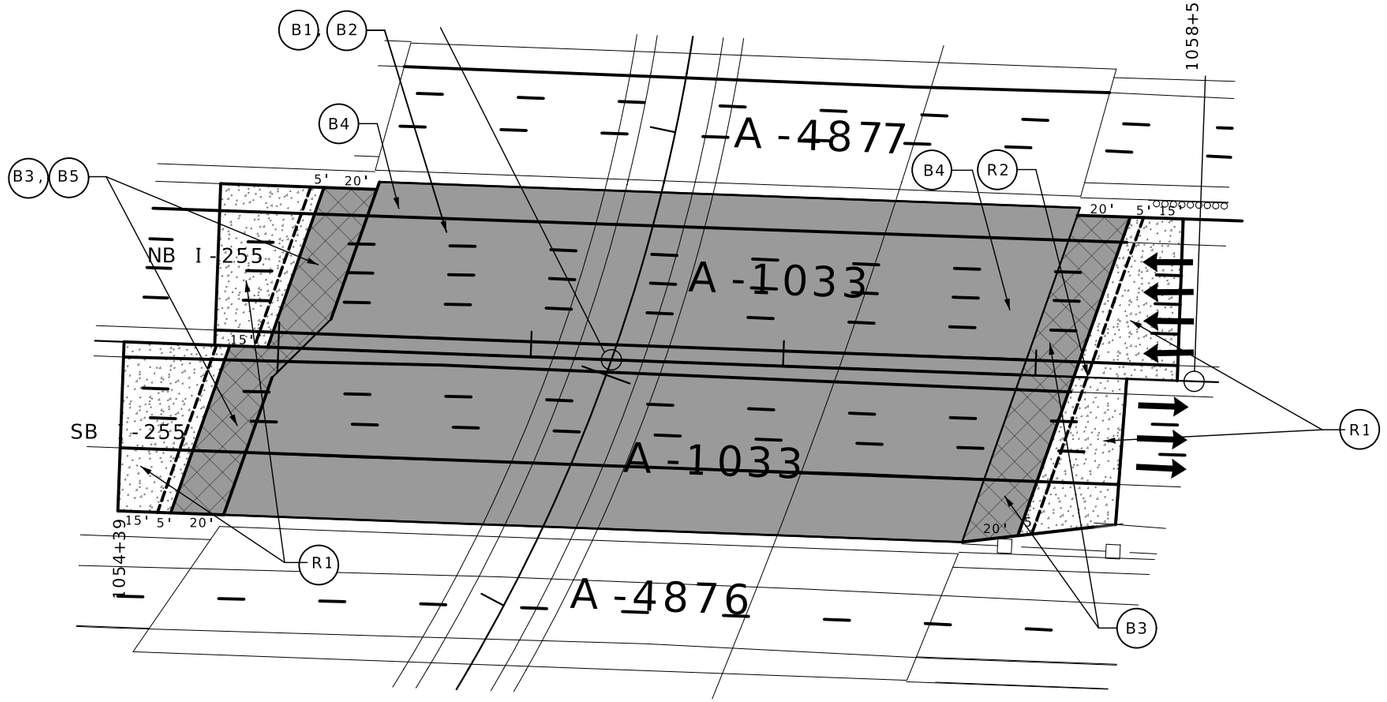
B1. REMOVAL OF EXISTING DECK REPAIR 1750 SQ.FT
B2. REMOVAL OF CONCRETE WEARING SURFACE (37,425 SF)
B3. REMOVE BRIDGE APPROACH SLAB 6,420 SF.
B4. REMOVE APPROACH NOTCHES AT END BENTS NO. 1 & 5
B5. REMOVE AND REPLACE APPROACH CORBEL 223 FT

ROADWAY ITEMS (A1033):

R1. REMOVE EXISTING APPROACH PAVEMENT AT BRIDGE ENDS, 720 SY
R2. REMOVE TYPE C BARRIER AT BRIDGE ENDS 71 FT,

SCALE

0 30 60 90



LEGEND

- LATEX MODIFIED CONCRETE WEARING SURFACE
- NEW APPROACH PAVEMENT
- NEW APPROACH SLAB

BRIDGE A1033
I-270 OVER VON TALGE RD
SURFACE WORK
SHEET 1 OF 3

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 7:05:34 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 8/26/2026
ROUTE: I-255 | STATE: MO
DISTRICT: SL | SHEET NO.: 4
COUNTY: ST.LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A10333

DESCRIPTION	DATE

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

PLAN SHEET
SHEET 1 OF 15

BRIDGE ITEMS (A1033): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING

B1. FULL DEPTH REPAIR 50 SQ.FT
B2. DIAMOND GRINDING (4,158 SY)
B3. LATEX MODIFIED CONCRETE WEARING SURFACE (4,158 SY.)
B4. 76 CU.YD OF SUPPLEMENTARY WEARING SURFACE MATERIAL.
B5. 58 FT OF TYPE A BARRIER FOR NEW APPROACH SLABS, TYPE B BARRIER 10 FT.
B6. TOTAL SURFACE HYDRO DEMOLITION (4,158 SY)
B7. INSTALL VERTICAL DRAINS AT END BENTS NO.1 & 5 INCLUDING WINGS(2 EA.)
B8. INSTALL BRIDGE APPROACH SLABS 713 SY.
B9. REINFORCING STEEL (EPOXY COATED)1,700 LB
B10. CLASS 1 EXCEVATION (225 CY)
B11. INSTALL VERTICAL DRAINS AT END BENTS NO.1 & 5 INCLUDING WINGS
B12. REPLACE APPROACH NOTCHES AT END BENTS NO. 1 & 5

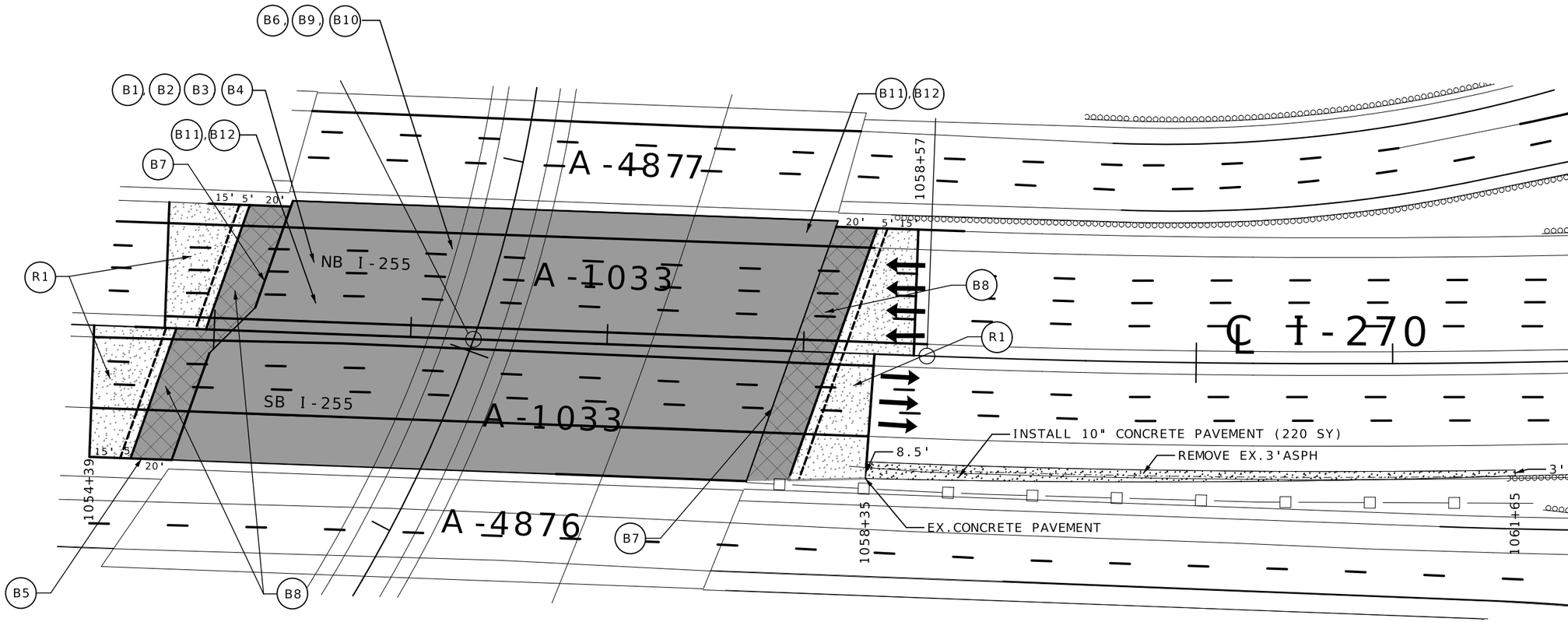
ROADWAY ITEMS (A1033):

R1. INSTALL CONCRETE APPROACH PAVEMENT 869 SY. TO THE BRIDGE ENDS TO MATCH TOP OF APPROACH SLAB.
R2. PROVIDE TEMPORARY TRAFFIC BARRIER TO PRODECT OPEN HOLE IN BRIDGE DECK DURING STAGED CONSTRUCTION.
R3. UTILITIES DURING CONSTRUCTION

LEGEND

- LATEX MODIFIED CONCRETE WEARING SURFACE
- NEW APPROACH PAVEMENT
- NEW APPROACH SLAB

SCALE
0 30 60 90



BRIDGE A1033
I-270 OVER VON TALGE RD
SURFACE WORK
SHEET 2 OF 3

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 7:05:45 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	5

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A10333

DESCRIPTION | DATE

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

PLAN SHEET
SHEET 2 OF 15

BRIDGE ITEMS (A1033): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING

B1. REHABILITATE APPROACH NOTCHES AT END BENTS NO.1 & 5 (LUMP SUM)
B2. PERFORM 5 SQ.FT OF CLEAN AND EPOXY COAT ON THE UNDERSIDE OF THE DECK.
B3. ESTIMATE 18 SQ.FT OF SUBSTRUCTURE REPAIR (UNFORMED), 4 SQ.FT AT END BENT NO.1, 7 SQ.FT AT INT BENT. NO.2 AND 7 SQ.FT AT INT.BENT NO.4
B4. APPLY PROTECTIVE COATING-CONCRETE BENTS AND PIERS(EPOXY) TO ALL COLUMNS, FULL LENGTH AND FULL LENGTH OF BEAM CAPS AT ALL INT.BENTS.(LUMP SUM)
B5. EXTEND BEAM CAP DOWN 2' AROUND EXPOSED PILES AS APPLLICABLE AT END BENTS NO.1 & 5. CLASS B CONCRETE (SUBSTRUCTURE) 11.3 CY.
B6. SUBMIT ASBESTOS AND LEAD INSPECTION TO DESIGN DIVISION FOR THE LETTING.

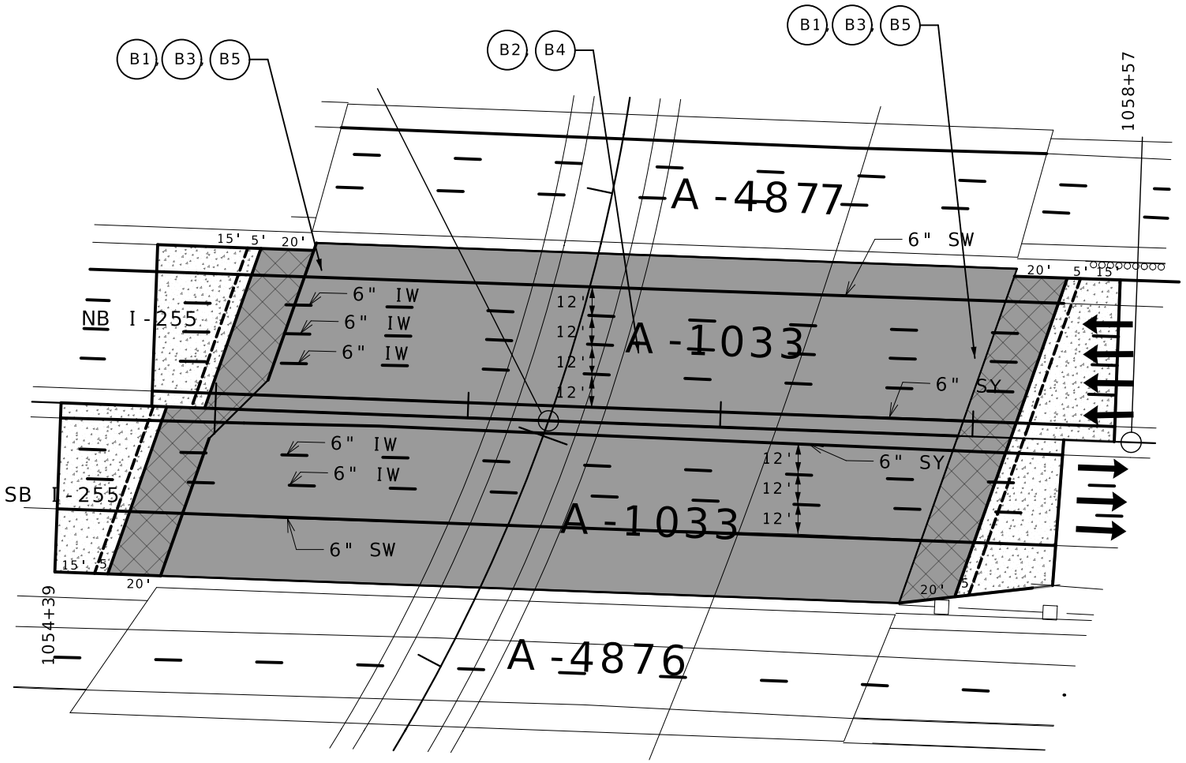
ROADWAY ITEMS (A1033):

QUANTITY PAVEMENT MARKING		
	6" SW:	785 FT
	6" IW:	490 FT
	6" SY:	790 FT

SCALE

0 30 60 90

NOTE: ALL PAVEMENT MARKINGS ON CONCRETE AND LATEX WILL BE IN CONTRAST



LEGEND

6" SW: 6" SOLID WHITE LINE
(CLASS 2 PAINT,25-MIL, TYPE L BEADS)

6" IW: 6" SOLID WHITE LINE
(CLASS 2 PAINT,25-MIL, TYPE L BEADS)
10' STRIPE & 30' GAP

6" SY: 6" SOLID YELLOW LINE
(CLASS 2 PAINT,25-MIL, TYPE L BEADS)

BRIDGE 1033
I-270 OVER VON TALGE RD
SUBSTRUCTURE & PAVEMENT MARKINGS
SHEET 3 OF 3

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 7:05:54 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	6

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A10333

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
SHEET 3 OF 15

BRIDGE ITEMS (A4876): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING

B1. REMOVAL OF EXISTING EXPANSION JOINT SEAL OR SEALANT 114 FT.

BRIDGE ITEMS (A4877): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING

B1. REMOVAL OF EXISTING EXPANSION JOINT SEAL OR SEALANT 114 FT.

ROADWAY ITEMS (A4876):

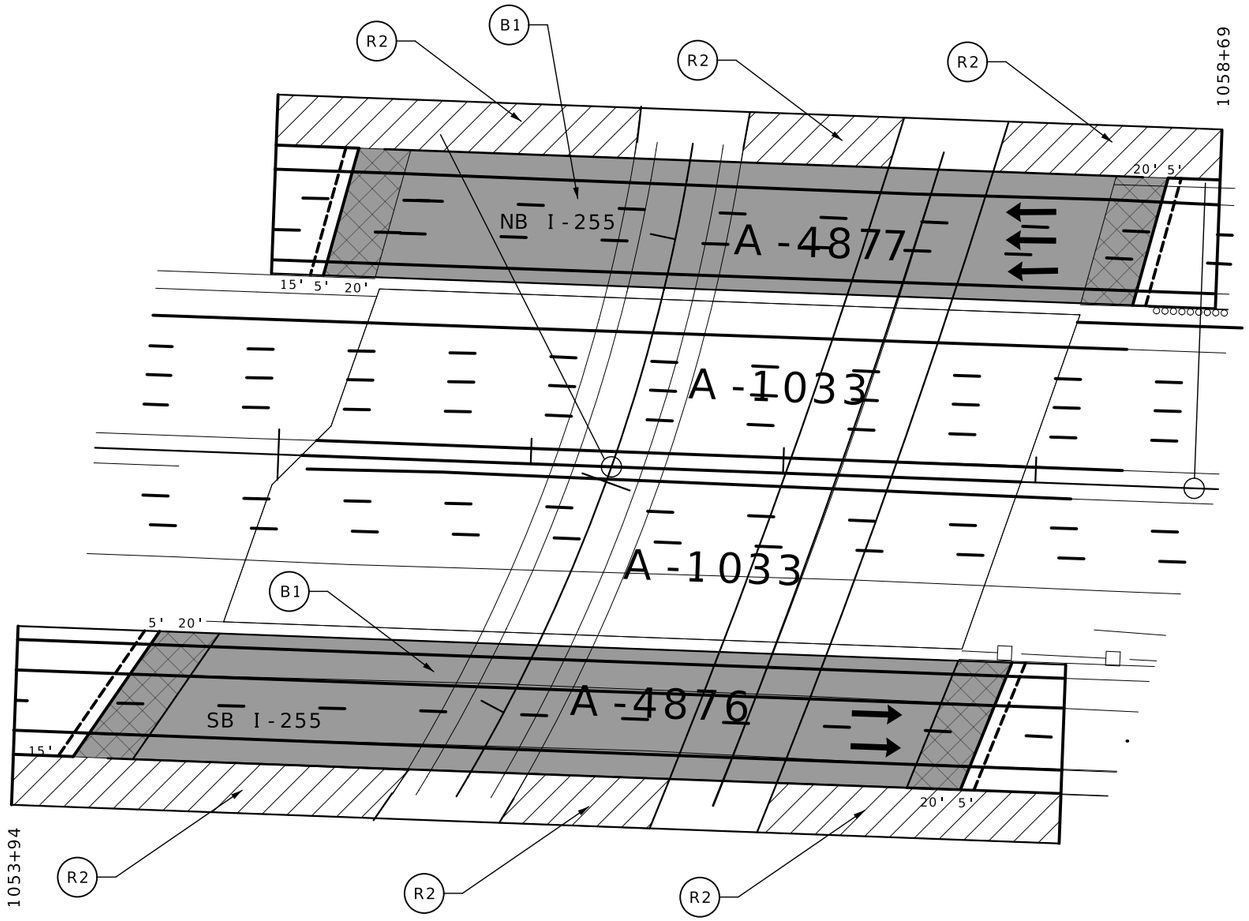
R2. REMOVE BRUSH AND TREES 20' FROM OUTSIDE EDGE OF BRIDGE (0.147 AC)

ROADWAY ITEMS (A4877):

R2. REMOVE BRUSH AND TREES 20' FROM OUTSIDE EDGE OF BRIDGE (0.133 AC)

SCALE

0 30 60 90



LEGEND

LATEX MODIFIED CONCRETE WEARING SURFACE

NEW APPROACH SLAB

BRUSH AND TREES

BRIDGES A4876 & A4877
I-270 OVER VON TALGE RD
SURFACE WORK
SHEET 1 OF 3

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

08/27/2026 10:26:56 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	7

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A4876,A4877

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
SHEET 4 OF 15

BRIDGE ITEMS (A4876): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING

B1. EPOXY URETHANE POLYMER WEARING SURFACE 1,794 SY.
B2. 350 SQ FT OF HALF-SOLE REPAIR.
B3. 200 SQ.FT DECK REPAIRS.
B4. 150 SQ.FT BRIDGE APPROACH REPAIRS
B5. INSTALL 1/4" MINIMUM EPOXY URETHANE POLYMER WEARING SURFACE WITH HEALER SEALER ALONG DECK AND 16" UP INSIDE FACE OF EACH BARRIER
B6. 284 SQ.YD OF CONCRETE CRACK FILLER AT BRIDGE APPROACH SLABS.
B7. 8 LINEAR FT OF SAFETY BERRIER CURB REPAIRS(FORMED)
B8. INSTALL 114 FT OPEN CELL FOAM JOINT SEALS AT APPROACH SLAB/APPROACH ROADWAY JOINTS.

BRIDGE ITEMS (A4877): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING

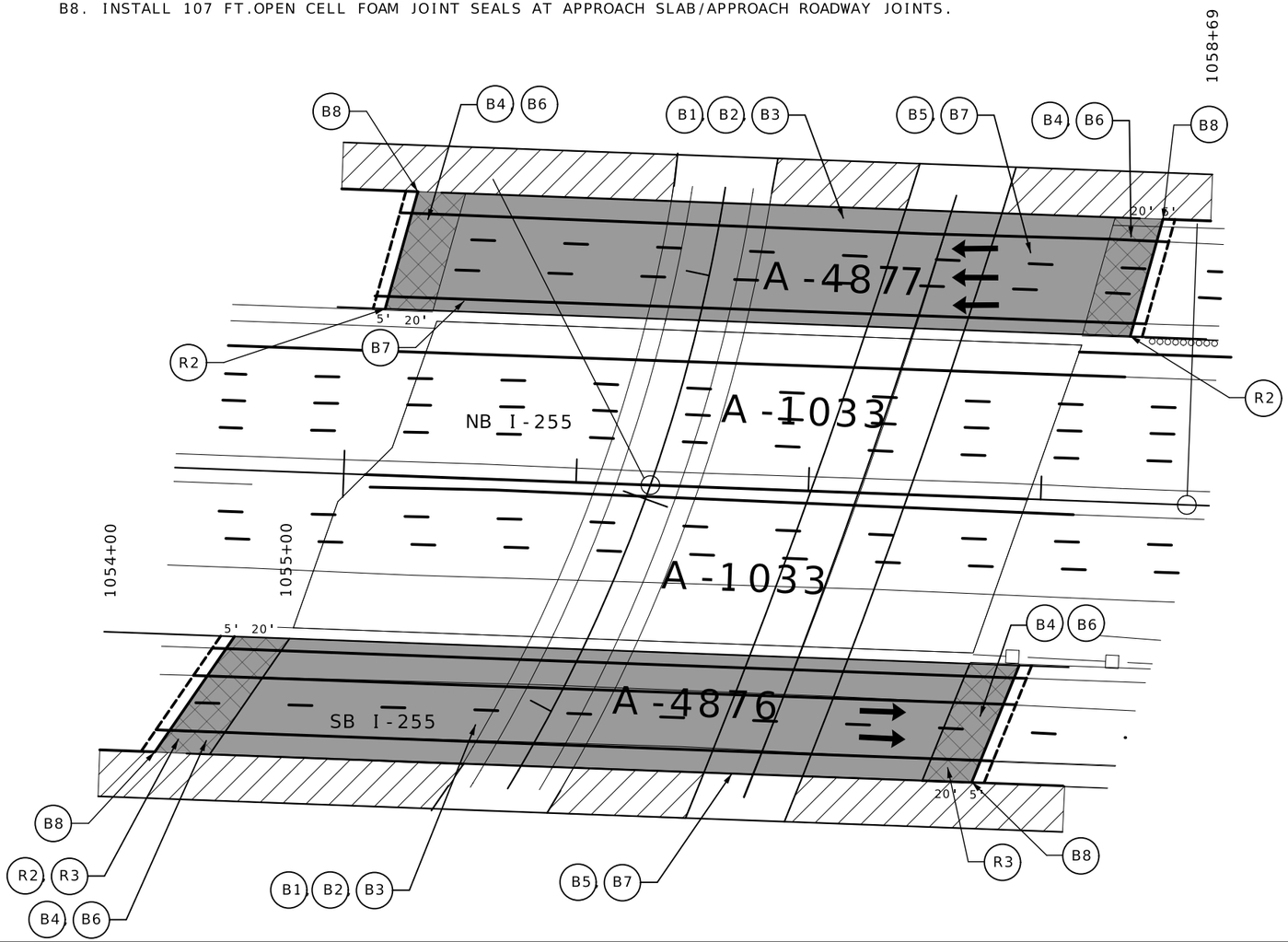
B1. EPOXY URETHANE POLYMER WEARING SURFACE 1,673 SY.
B2. 500 SQ FT OF HALF-SOLE REPAIR.
B3. 300 SQ.FT DECK REPAIRS.
B4. 200 SQ.FT BRIDGE APPROACH REPAIRS
B5. INSTALL 1/4" MINIMUM EPOXY URETHANE POLYMER WEARING SURFACE WITH HEALER SEALER ALONG DECK AND 16" UP INSIDE FACE OF EACH BARRIER
B6. 286 SQ.YD OF CONCRETE CRACK FILLER AT BRIDGE APPROACH SLABS.
B7. INSTALL 105 FT.SILICONE EXPANSION JOINT SEALANT AT DECK JOINTS
B8. INSTALL 107 FT.OPEN CELL FOAM JOINT SEALS AT APPROACH SLAB/APPROACH ROADWAY JOINTS.

ROADWAY ITEMS (A4876):

R2. 10 CUBIC YARDS OF FLOWABLE BACKFILL TO FILL VOIDS UNDER WEST APPROACH SLAB.
R3. LIFT APPROACH SLABS TO BRING TO GRADE.
R4. RELOCATE UTILITIES DURING CONSTRUCTION.

ROADWAY ITEMS (A4877):

R2. LIFT APPROACH SLABS TO BRING TO GRADE.
R3. RELOCATE UTILITIES DURING CONSTRUCTION.



SCALE
0 30 60 90

LEGEND
- LATEX MODIFIED CONCRETE WEARING SURFACE
- NEW APPROACH SLAB
- BRUSH AND TREES

BRIDGES A4876 & A4877
I-270 OVER VON TALGE RD
SURFACE WORK
SHEET 2 OF 3

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 10:27:07 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 8/26/2026
ROUTE: I-255 | STATE: MO
DISTRICT: SL | SHEET NO.: 8
COUNTY: ST.LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A4876,A4877

DESCRIPTION | DATE

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

PLAN SHEET
SHEET 5 OF 15

BRIDGE ITEMS (A4876): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING

B2. APPLY PROTECTIVE COATING-CONCRETE BENTS AND PIERS(EPOXY) TO ALL COLUMNS, FULL LENGTH AND FULL LENGTH OF BEAM CAPS AT ALL INT. BENTS.(LUMP SUM)

BRIDGE ITEMS (A4877): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING

B1. 15 SQ.FT OF SUBSTRUCTURE REPAIR(UNFORMED) AT INT. BENT NO.3.
B2. APPLY PROTECTIVE COATING-CONCRETE BENTS AND PIERS(EPOXY) TO ALL COLUMNS, FULL LENGTH AND FULL LENGTH OF BEAM CAPS AT ALL INT. BENTS.(LUMP SUM)

ROADWAY ITEMS (A4876):

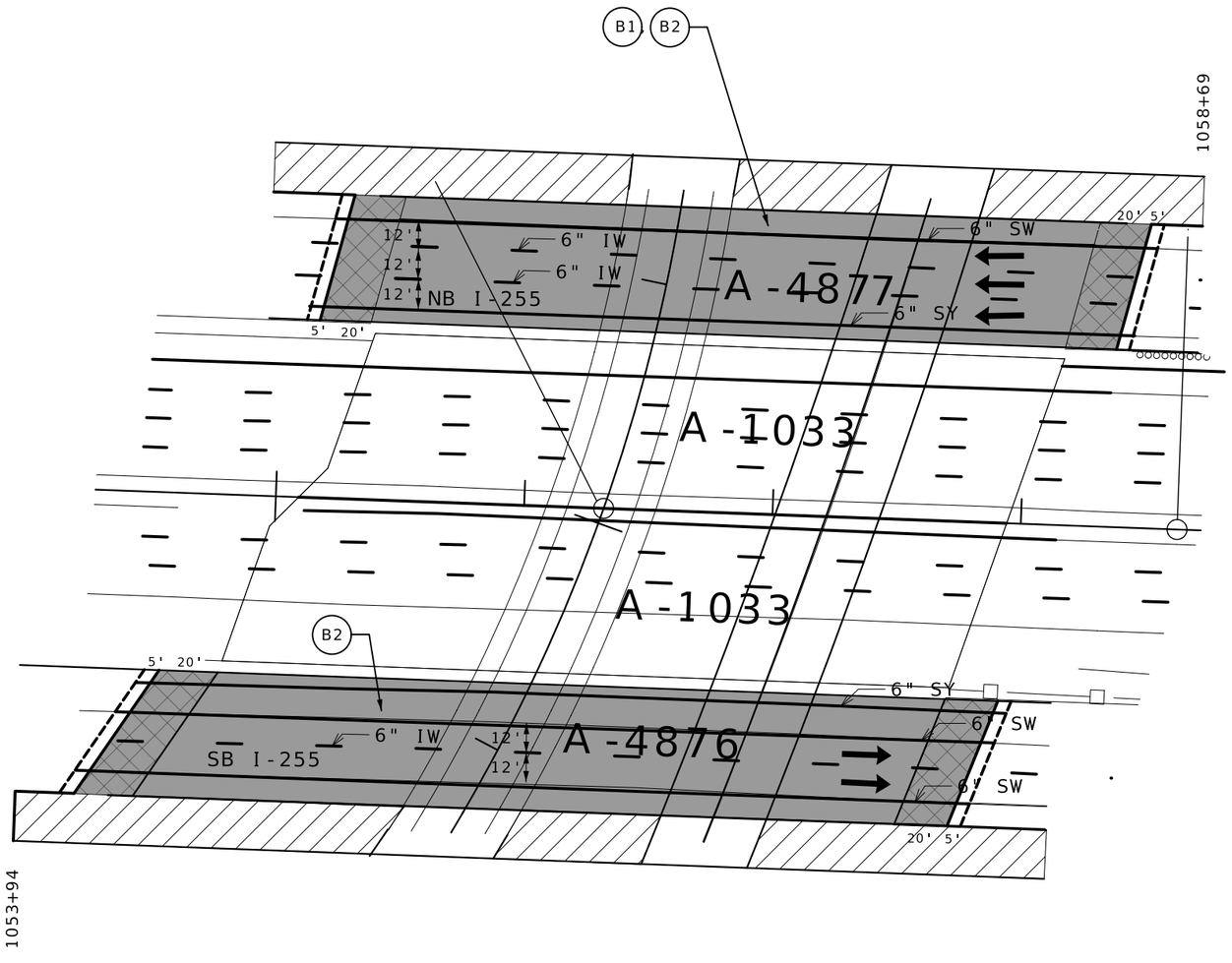
ROADWAY ITEMS (A4877):

QUANTITY
PAVEMENT MARKING

6" SW: 1100 FT

6" IW: 270 FT

6" SY: 700 FT



SCALE

0 30 60 90

NOTE: ALL PAVEMENT MARKINGS ON CONCRETE AND LATEX WILL BE IN CONTRAST

LEGEND

6" SW: 6" SOLID WHITE LINE (CLASS 2 PAINT,25-MIL, TYPE L BEADS)
6" IW: 6" SOLID WHITE LINE (CLASS 2 PAINT,25-MIL, TYPE L BEADS) 10' STRIPE & 30' GAP
6" SY: 6" SOLID YELLOW LINE (CLASS 2 PAINT,25-MIL, TYPE L BEADS)

BRIDGES A4876 & A4877
I-270 OVER VON TALGE RD
SUBSTRUCTURE & PAVEMENT MARKINGS
SHEET 3 OF 3

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 10:27:15 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	9

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A4876,A4877

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
SHEET 6 OF 15

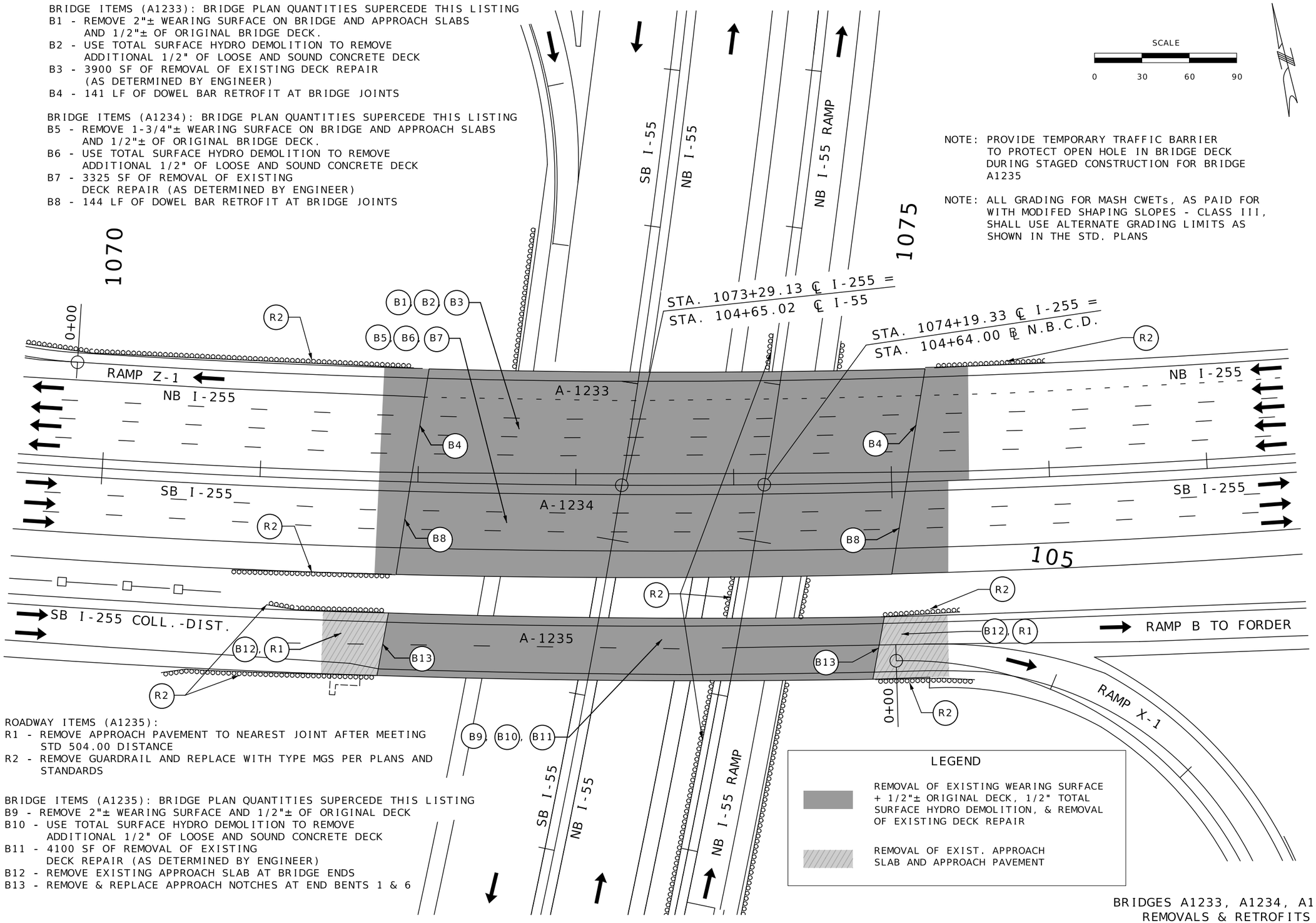
BRIDGE ITEMS (A1233): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING
B1 - REMOVE 2"± WEARING SURFACE ON BRIDGE AND APPROACH SLABS AND 1/2"± OF ORIGINAL BRIDGE DECK.
B2 - USE TOTAL SURFACE HYDRO DEMOLITION TO REMOVE ADDITIONAL 1/2" OF LOOSE AND SOUND CONCRETE DECK
B3 - 3900 SF OF REMOVAL OF EXISTING DECK REPAIR (AS DETERMINED BY ENGINEER)
B4 - 141 LF OF DOWEL BAR RETROFIT AT BRIDGE JOINTS

BRIDGE ITEMS (A1234): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING
B5 - REMOVE 1-3/4"± WEARING SURFACE ON BRIDGE AND APPROACH SLABS AND 1/2"± OF ORIGINAL BRIDGE DECK.
B6 - USE TOTAL SURFACE HYDRO DEMOLITION TO REMOVE ADDITIONAL 1/2" OF LOOSE AND SOUND CONCRETE DECK
B7 - 3325 SF OF REMOVAL OF EXISTING DECK REPAIR (AS DETERMINED BY ENGINEER)
B8 - 144 LF OF DOWEL BAR RETROFIT AT BRIDGE JOINTS

SCALE
0 30 60 90

NOTE: PROVIDE TEMPORARY TRAFFIC BARRIER TO PROTECT OPEN HOLE IN BRIDGE DECK DURING STAGED CONSTRUCTION FOR BRIDGE A1235

NOTE: ALL GRADING FOR MASH CWETs, AS PAID FOR WITH MODIFED SHAPING SLOPES - CLASS III, SHALL USE ALTERNATE GRADING LIMITS AS SHOWN IN THE STD. PLANS



ROADWAY ITEMS (A1235):
R1 - REMOVE APPROACH PAVEMENT TO NEAREST JOINT AFTER MEETING STD 504.00 DISTANCE
R2 - REMOVE GUARDRAIL AND REPLACE WITH TYPE MGS PER PLANS AND STANDARDS

BRIDGE ITEMS (A1235): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING
B9 - REMOVE 2"± WEARING SURFACE AND 1/2"± OF ORIGINAL DECK
B10 - USE TOTAL SURFACE HYDRO DEMOLITION TO REMOVE ADDITIONAL 1/2" OF LOOSE AND SOUND CONCRETE DECK
B11 - 4100 SF OF REMOVAL OF EXISTING DECK REPAIR (AS DETERMINED BY ENGINEER)
B12 - REMOVE EXISTING APPROACH SLAB AT BRIDGE ENDS
B13 - REMOVE & REPLACE APPROACH NOTCHES AT END BENTS 1 & 6

LEGEND

REMOVAL OF EXISTING WEARING SURFACE + 1/2"± ORIGINAL DECK, 1/2" TOTAL SURFACE HYDRO DEMOLITION, & REMOVAL OF EXISTING DECK REPAIR

REMOVAL OF EXIST. APPROACH SLAB AND APPROACH PAVEMENT

BRIDGES A1233, A1234, A1235
REMOVALS & RETROFITS
SHEET 1 OF 4

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 10:27:22 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	10

COUNTY
ST. LOUIS

JOB NO.
JSL0053

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)

PLAN SHEET
SHEET 7 OF 15

BRIDGE ITEMS (A1233): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING
B15 - PLACE 51 CY OF SUPPLEMENTARY WEARING SURFACE MATERIAL
(50 SY HALF-SOLE REPAIR EST.)
B16 - INSTALL 3" MINIMUM LATEX MODIFIED CONCRETE WEARING SURFACE ON BRIDGE DECK AND APPROACH SLABS
B17 - DIAMOND GRIND BRIDGE WEARING SURFACE. APPROACH SLABS TO BE GRINDED AS NEEDED
B37 - 50 SF OF HALF-SOLE REPAIR

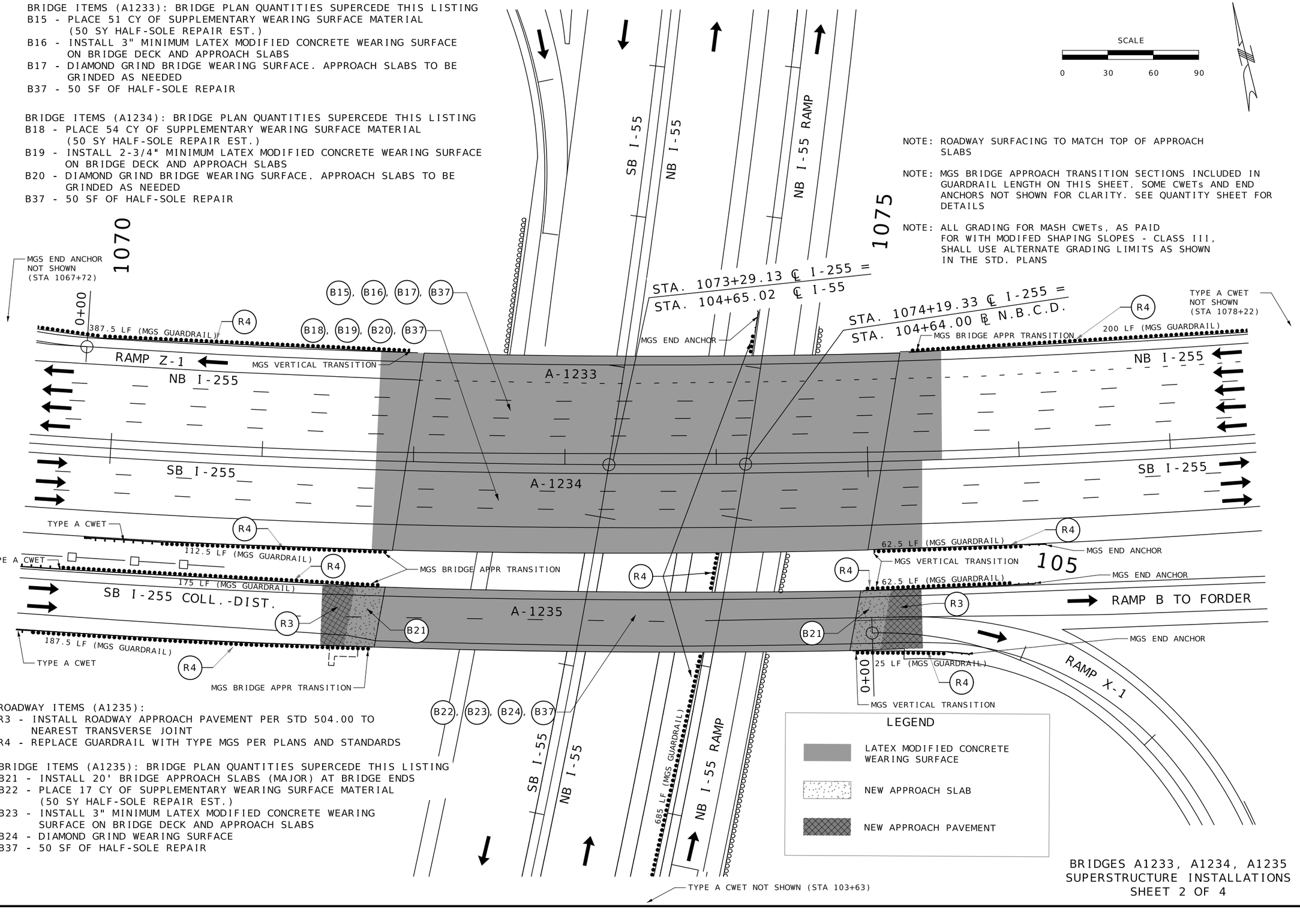
BRIDGE ITEMS (A1234): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING
B18 - PLACE 54 CY OF SUPPLEMENTARY WEARING SURFACE MATERIAL
(50 SY HALF-SOLE REPAIR EST.)
B19 - INSTALL 2-3/4" MINIMUM LATEX MODIFIED CONCRETE WEARING SURFACE ON BRIDGE DECK AND APPROACH SLABS
B20 - DIAMOND GRIND BRIDGE WEARING SURFACE. APPROACH SLABS TO BE GRINDED AS NEEDED
B37 - 50 SF OF HALF-SOLE REPAIR

SCALE
0 30 60 90

NOTE: ROADWAY SURFACING TO MATCH TOP OF APPROACH SLABS

NOTE: MGS BRIDGE APPROACH TRANSITION SECTIONS INCLUDED IN GUARDRAIL LENGTH ON THIS SHEET. SOME CWETs AND END ANCHORS NOT SHOWN FOR CLARITY. SEE QUANTITY SHEET FOR DETAILS

NOTE: ALL GRADING FOR MASH CWETs, AS PAID FOR WITH MODIFED SHAPING SLOPES - CLASS III, SHALL USE ALTERNATE GRADING LIMITS AS SHOWN IN THE STD. PLANS



ROADWAY ITEMS (A1235):
R3 - INSTALL ROADWAY APPROACH PAVEMENT PER STD 504.00 TO NEAREST TRANSVERSE JOINT
R4 - REPLACE GUARDRAIL WITH TYPE MGS PER PLANS AND STANDARDS

BRIDGE ITEMS (A1235): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING
B21 - INSTALL 20' BRIDGE APPROACH SLABS (MAJOR) AT BRIDGE ENDS
B22 - PLACE 17 CY OF SUPPLEMENTARY WEARING SURFACE MATERIAL
(50 SY HALF-SOLE REPAIR EST.)
B23 - INSTALL 3" MINIMUM LATEX MODIFIED CONCRETE WEARING SURFACE ON BRIDGE DECK AND APPROACH SLABS
B24 - DIAMOND GRIND WEARING SURFACE
B37 - 50 SF OF HALF-SOLE REPAIR

BRIDGES A1233, A1234, A1235
SUPERSTRUCTURE INSTALLATIONS
SHEET 2 OF 4

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 10:27:30 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	11

COUNTY
ST. LOUIS

JOB NO.
JSL0053

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)

PLAN SHEET
SHEET 8 OF 15

BRIDGE ITEMS (A1233): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING
B25 - 31 SF SUBSTRUCTURE REPAIR (UNFORMED): 6 SF AT INT. BENT 2, 4 SF AT INT. BENT 3, 6 SF AT INT. BENT 4, 15 SF AT INT. BENT 5
B26 - 30 LF EPOXY PRESSURE INJECTING: 25 LF AT INT. BENT DIAPHRAGMS, 5 LF AT INT. BENT 5, TOP OF COLUMN 2
B27 - APPLY PROTECTIVE COATING - CONCRETE BENTS AND PIERS (EPOXY) TO ALL COLUMNS, FULL LENGTH AT ALL INT. BENTS
B28 - CLEAN AND EPOXY COAT SIDES AND 2' UNDER CIP BOX, FULL LENGTH

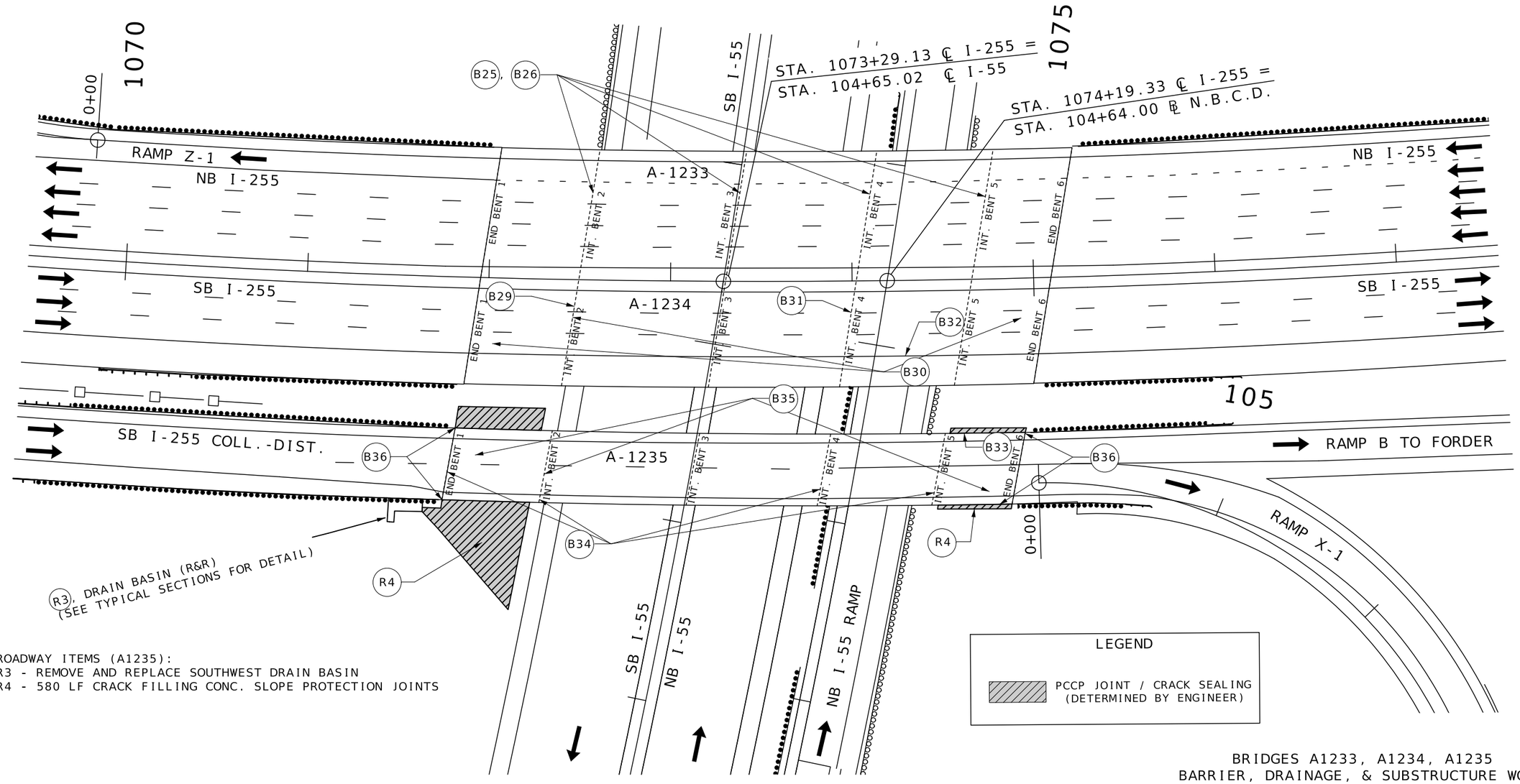
BRIDGE ITEMS (A1234): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING
B29 - 12 SF SUBSTRUCTURE REPAIR (UNFORMED) AT INT. BENT NO. 2
B30 - 100 LF EPOXY PRESSURE INJECTING: 80 LF IN FIRST 15 FEET OF BOX SIDES OF END BENTS, 20 LF AT INT. BENT 2, COLUMN 3
B31 - 66 SF FIBER REINFORCED POLYMER WRAP AT INT. BENT NO. 4, COLUMN 2 TO COVER HIGH STEEL
B32 - REMOVE AND REPLACE 6 LF OF SAFETY BARRIER CURB
B27 - APPLY PROTECTIVE COATING - CONCRETE BENTS AND PIERS (EPOXY) TO ALL COLUMNS, FULL LENGTH AT ALL INT. BENTS
B28 - CLEAN AND EPOXY COAT SIDES AND 2' UNDER CIP BOX, FULL LENGTH

BRIDGE ITEMS (A1235): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING
B33 - 8 LF OF SAFETY BARRIER CURB REPAIR (FORMED)
B34 - 45 SF OF SUBSTRUCTURE REPAIR (UNFORMED): 4 SF AT END BENT 1, 28 SF AT INT. BENT 2, 9 SF AT INT. BENT 4, 4 SF AT INT. BENT 5
B35 - 95 LF OF EPOXY PRESSURE INJECTING: 80 LF IN FIRST 15 FEET OF BOX SIDES OF END BENTS, 15 LF AT TOP OF INT. BENT 2, COLUMN 3
B36 - INSTALL VERTICAL DRAINS AT END BENTS NO. 1 & 6 INCLUDING WINGS
B27 - APPLY PROTECTIVE COATING - CONCRETE BENTS AND PIERS (EPOXY) TO ALL COLUMNS, FULL LENGTH AT ALL INT. BENTS
B28 - CLEAN AND EPOXY COAT SIDES AND 2' UNDER CIP BOX, FULL LENGTH

SCALE
0 30 60 90

NOTE: ITEMs B27 & B28 NOT SHOWN FOR CLARITY. SEE SECTIONS 704 & 711 FOR MORE DETAILS

NOTE: CRACK FILLING LIMITS UNDERNEATH BRIDGE A1235 NOT SHOWN FOR CLARITY. THIS AREA IS TO BE INCLUDED AS PART OF THE CRACK FILLING OF CONCRETE SLOPE PROTECTION ITEM



ROADWAY ITEMS (A1235):
R3 - REMOVE AND REPLACE SOUTHWEST DRAIN BASIN
R4 - 580 LF CRACK FILLING CONC. SLOPE PROTECTION JOINTS

BRIDGES A1233, A1234, A1235
BARRIER, DRAINAGE, & SUBSTRUCTURE WORK
SHEET 3 OF 4

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 10:27:40 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	12

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

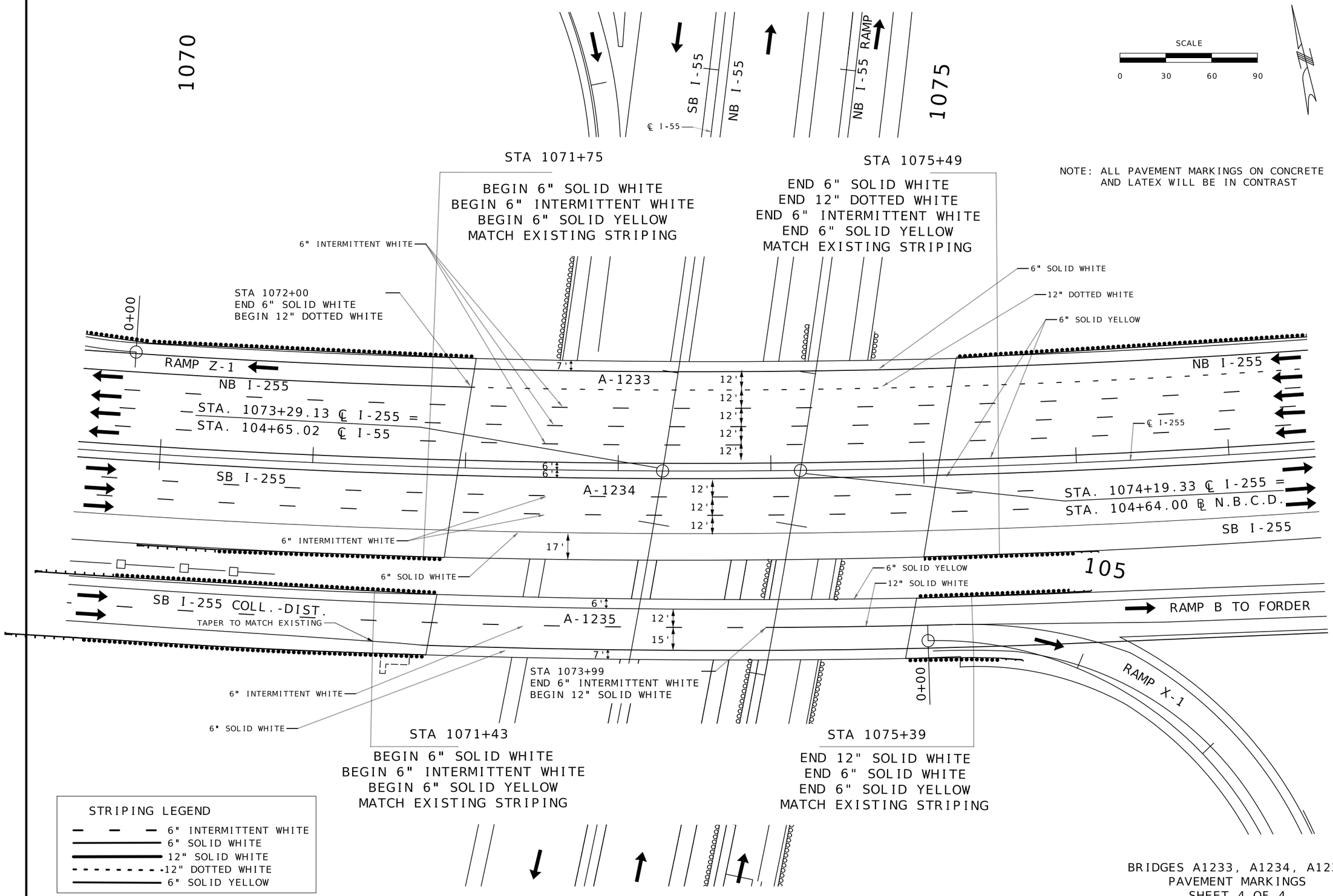
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

PLAN SHEET
SHEET 9 OF 15



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 10:41:12 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO

DISTRICT	SHEET NO.
SL	13

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

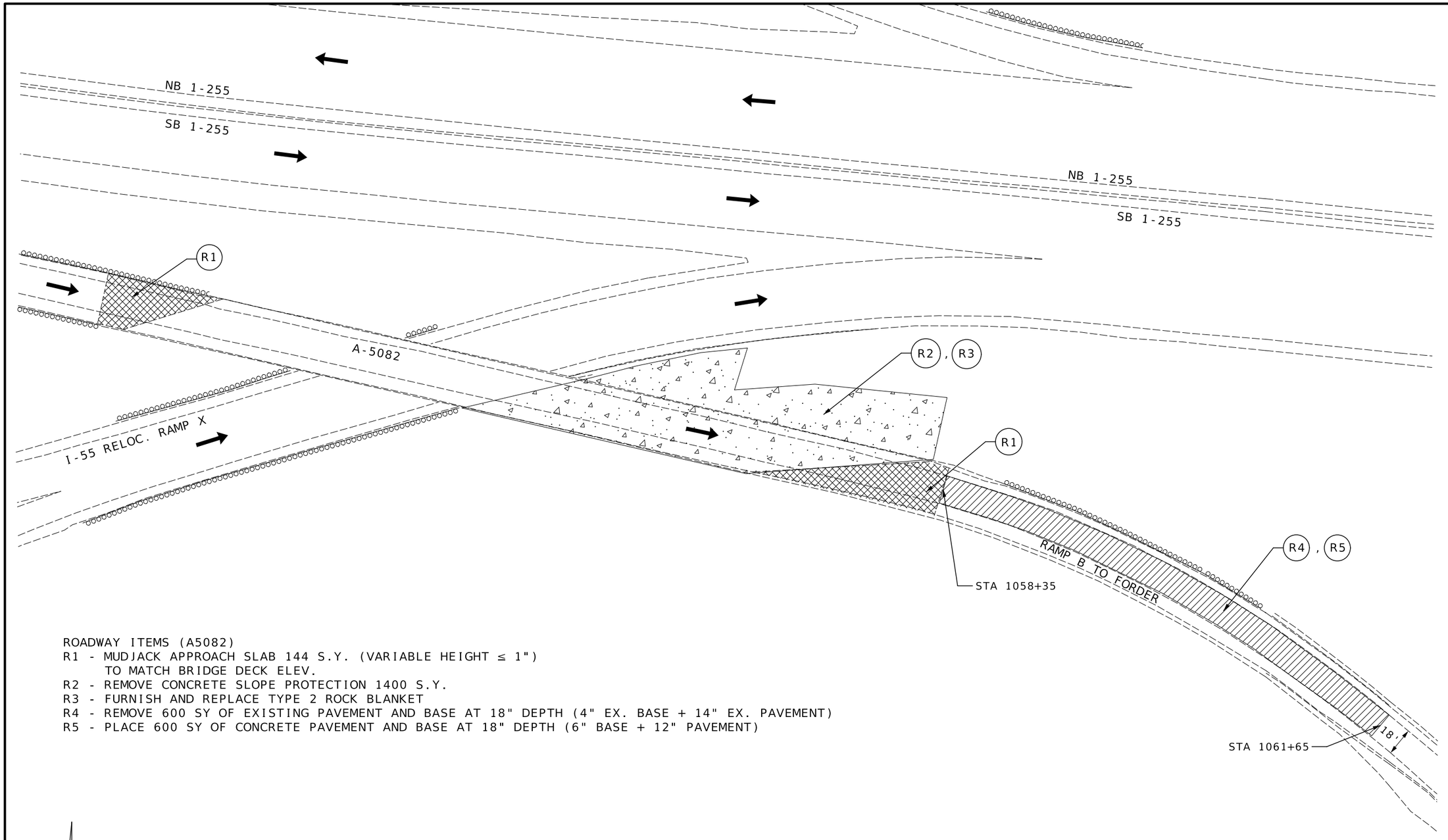
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
SHEET 10 OF 15



ROADWAY ITEMS (A5082)
R1 - MUDJACK APPROACH SLAB 144 S.Y. (VARIABLE HEIGHT ≤ 1")
TO MATCH BRIDGE DECK ELEV.
R2 - REMOVE CONCRETE SLOPE PROTECTION 1400 S.Y.
R3 - FURNISH AND REPLACE TYPE 2 ROCK BLANKET
R4 - REMOVE 600 SY OF EXISTING PAVEMENT AND BASE AT 18" DEPTH (4" EX. BASE + 14" EX. PAVEMENT)
R5 - PLACE 600 SY OF CONCRETE PAVEMENT AND BASE AT 18" DEPTH (6" BASE + 12" PAVEMENT)

SCALE
0 30 60 90

BRIDGE A5082
ROADWAY ITEMS
SHEET 1 OF 4

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 10:41:19 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	14

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

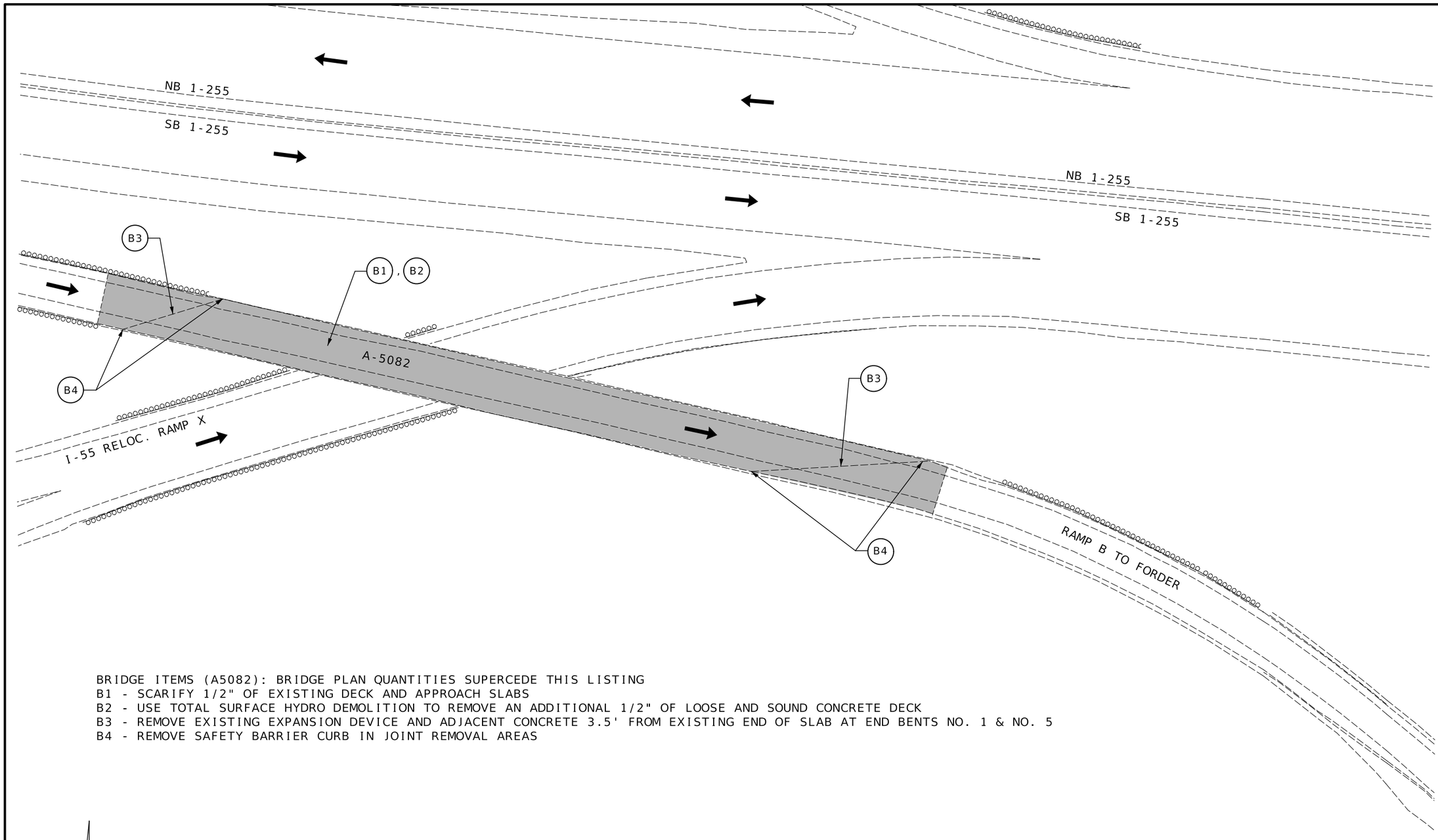
PROJECT NO.

BRIDGE NO.
A-5082

DESCRIPTION	DATE

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

PLAN SHEET
SHEET 11 OF 15



BRIDGE ITEMS (A5082): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING
B1 - SCARIFY 1/2" OF EXISTING DECK AND APPROACH SLABS
B2 - USE TOTAL SURFACE HYDRO DEMOLITION TO REMOVE AN ADDITIONAL 1/2" OF LOOSE AND SOUND CONCRETE DECK
B3 - REMOVE EXISTING EXPANSION DEVICE AND ADJACENT CONCRETE 3.5' FROM EXISTING END OF SLAB AT END BENTS NO. 1 & NO. 5
B4 - REMOVE SAFETY BARRIER CURB IN JOINT REMOVAL AREAS

SCALE
0 30 60 90

LEGEND

SCARIFICATION OF 1/2" EXISTING DECK AND APPROACH SLAB SURFACES, & TOTAL SURFACE HYDRO DEMOLITION

BRIDGE A5082
REMOVALS
SHEET 2 OF 4

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 10:41:29 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	15

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A-5082

DATE	DESCRIPTION

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

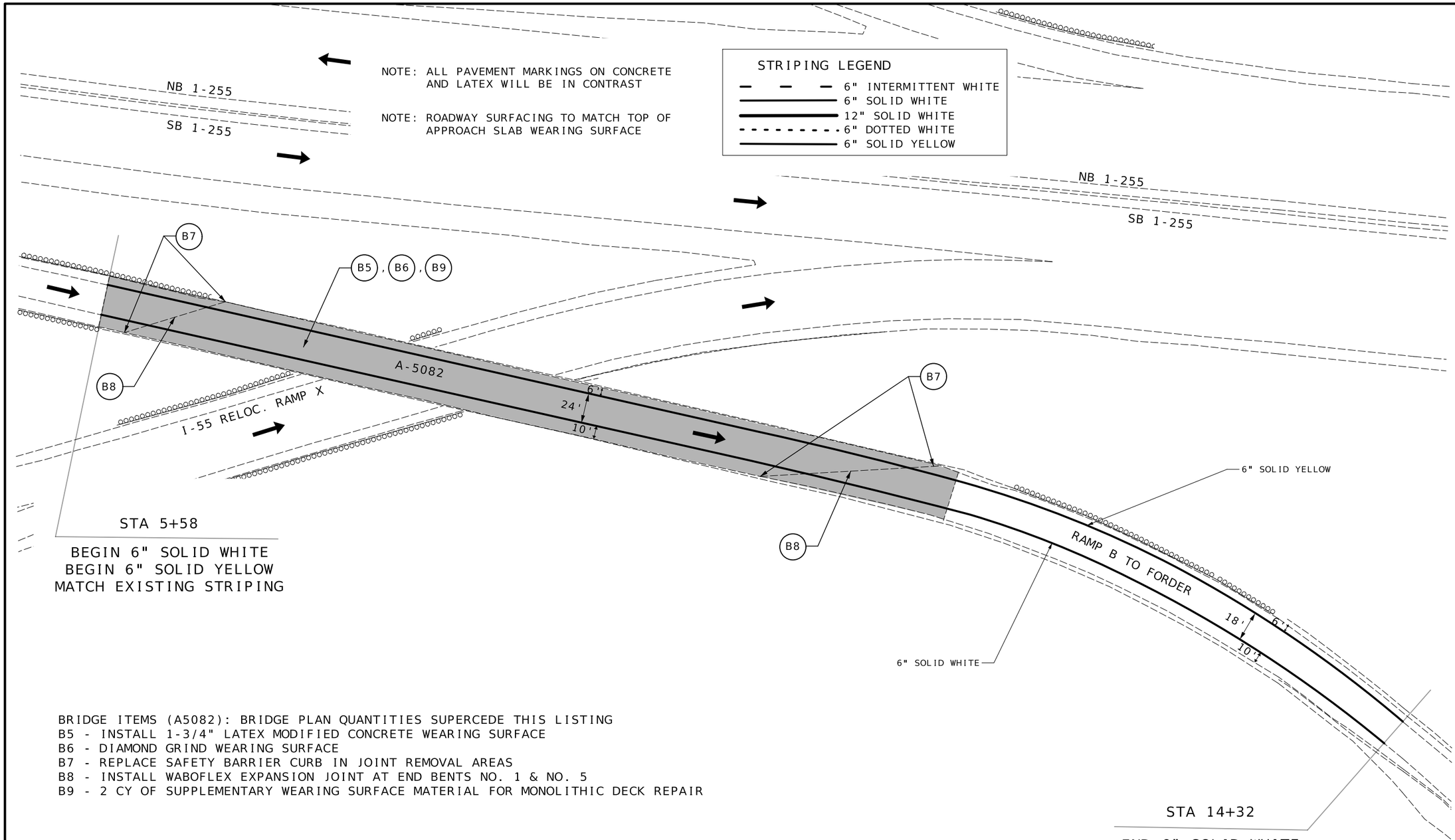
PLAN SHEET
SHEET 12 OF 15

NOTE: ALL PAVEMENT MARKINGS ON CONCRETE AND LATEX WILL BE IN CONTRAST

NOTE: ROADWAY SURFACING TO MATCH TOP OF APPROACH SLAB WEARING SURFACE

STRIPING LEGEND

- 6" INTERMITTENT WHITE
- 6" SOLID WHITE
- 12" SOLID WHITE
- 6" DOTTED WHITE
- 6" SOLID YELLOW



BRIDGE ITEMS (A5082): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING
B5 - INSTALL 1-3/4" LATEX MODIFIED CONCRETE WEARING SURFACE
B6 - DIAMOND GRIND WEARING SURFACE
B7 - REPLACE SAFETY BARRIER CURB IN JOINT REMOVAL AREAS
B8 - INSTALL WABOFLEX EXPANSION JOINT AT END BENTS NO. 1 & NO. 5
B9 - 2 CY OF SUPPLEMENTARY WEARING SURFACE MATERIAL FOR MONOLITHIC DECK REPAIR

SCALE

0 30 60 90

LEGEND

1-3/4" LATEX MODIFIED CONCRETE WEARING SURFACE, & DIAMOND GRINDING OF WEARING SURFACE

BRIDGE A5082
REPLACEMENTS & PAVEMENT MARKINGS
SHEET 3 OF 4

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 10:41:36 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	16

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

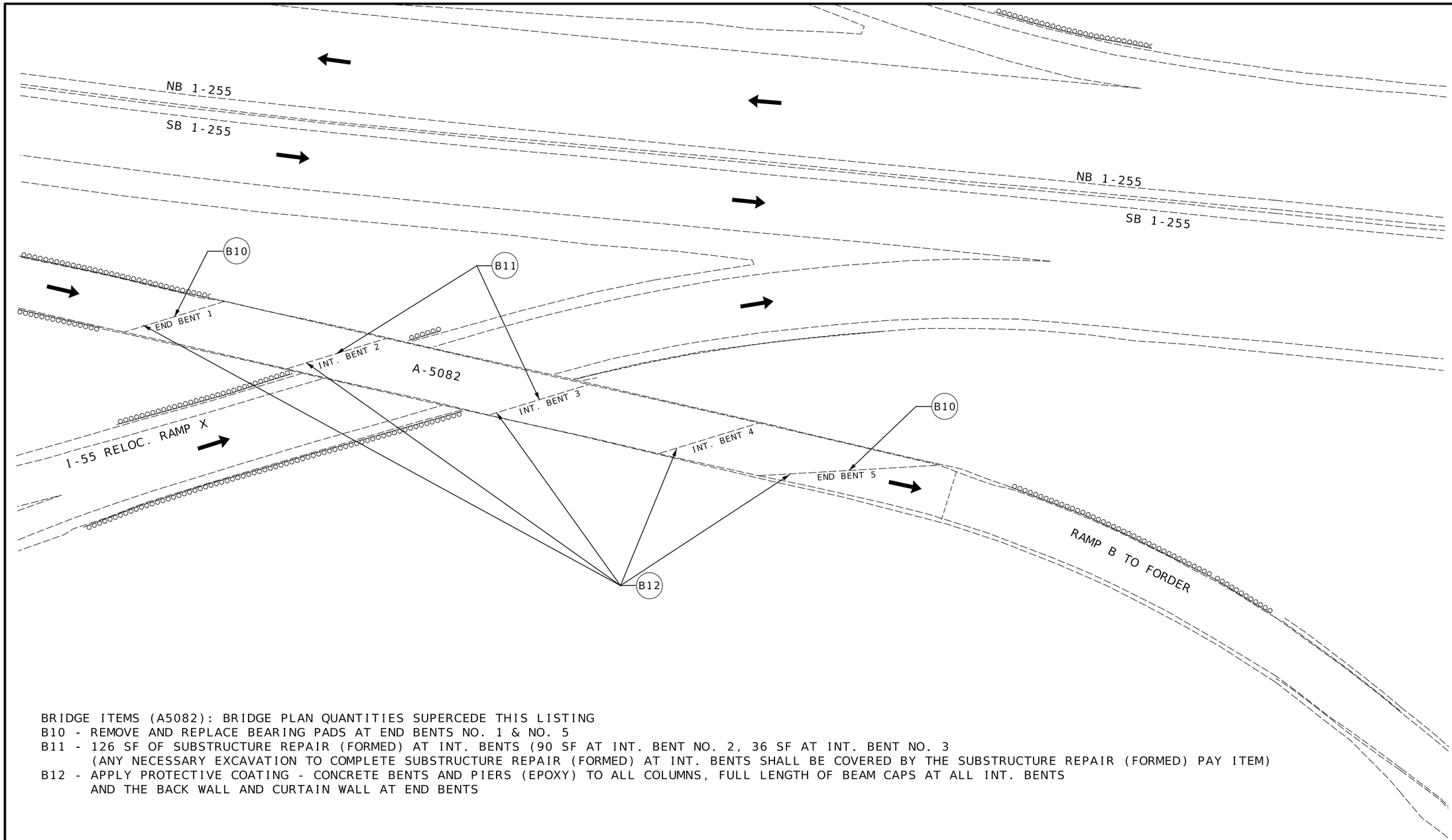
BRIDGE NO.
A-5082

DESCRIPTION

DATE

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

PLAN SHEET
SHEET 13 OF 15



BRIDGE ITEMS (A5082): BRIDGE PLAN QUANTITIES SUPERCEDE THIS LISTING
B10 - REMOVE AND REPLACE BEARING PADS AT END BENTS NO. 1 & NO. 5
B11 - 126 SF OF SUBSTRUCTURE REPAIR (FORMED) AT INT. BENTS (90 SF AT INT. BENT NO. 2, 36 SF AT INT. BENT NO. 3
(ANY NECESSARY EXCAVATION TO COMPLETE SUBSTRUCTURE REPAIR (FORMED) AT INT. BENTS SHALL BE COVERED BY THE SUBSTRUCTURE REPAIR (FORMED) PAY ITEM)
B12 - APPLY PROTECTIVE COATING - CONCRETE BENTS AND PIERS (EPOXY) TO ALL COLUMNS, FULL LENGTH OF BEAM CAPS AT ALL INT. BENTS
AND THE BACK WALL AND CURTAIN WALL AT END BENTS

SCALE
0 30 60 90

BRIDGE A5082
SUB & SUPERSTRUCTURE WORK
SHEET 4 OF 4

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 10:41:46 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	17

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

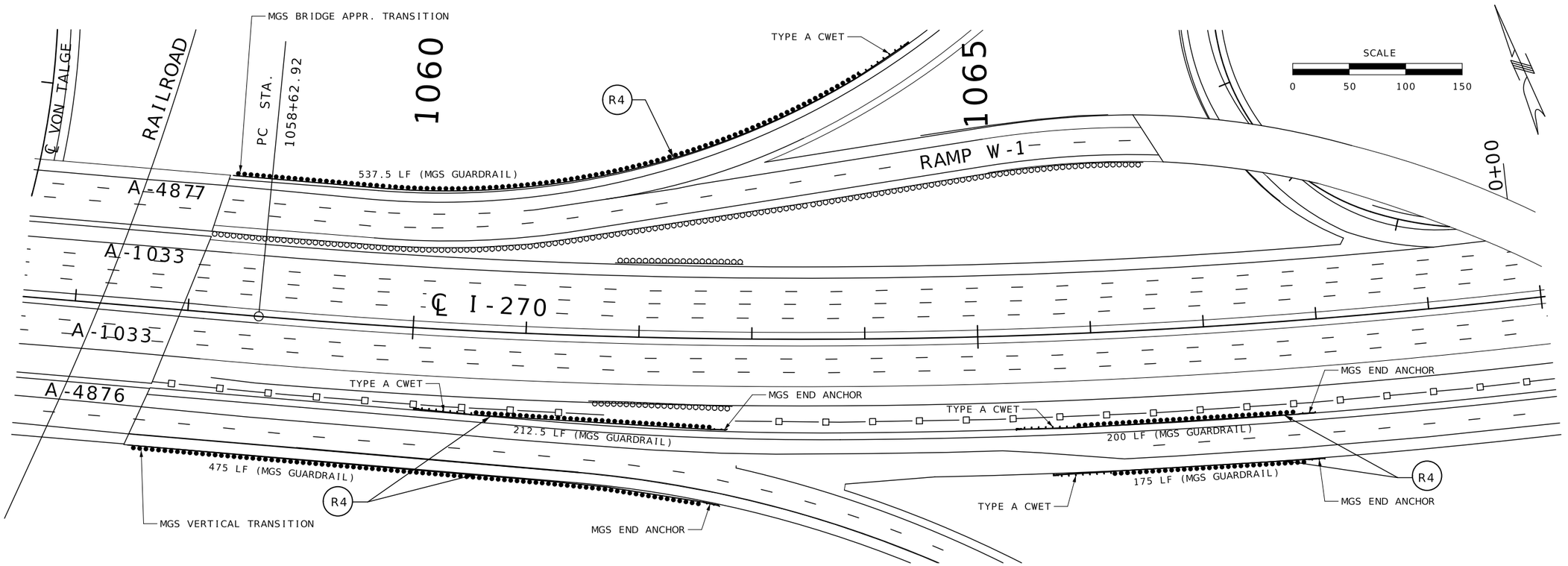
PROJECT NO.

BRIDGE NO.
A-5082

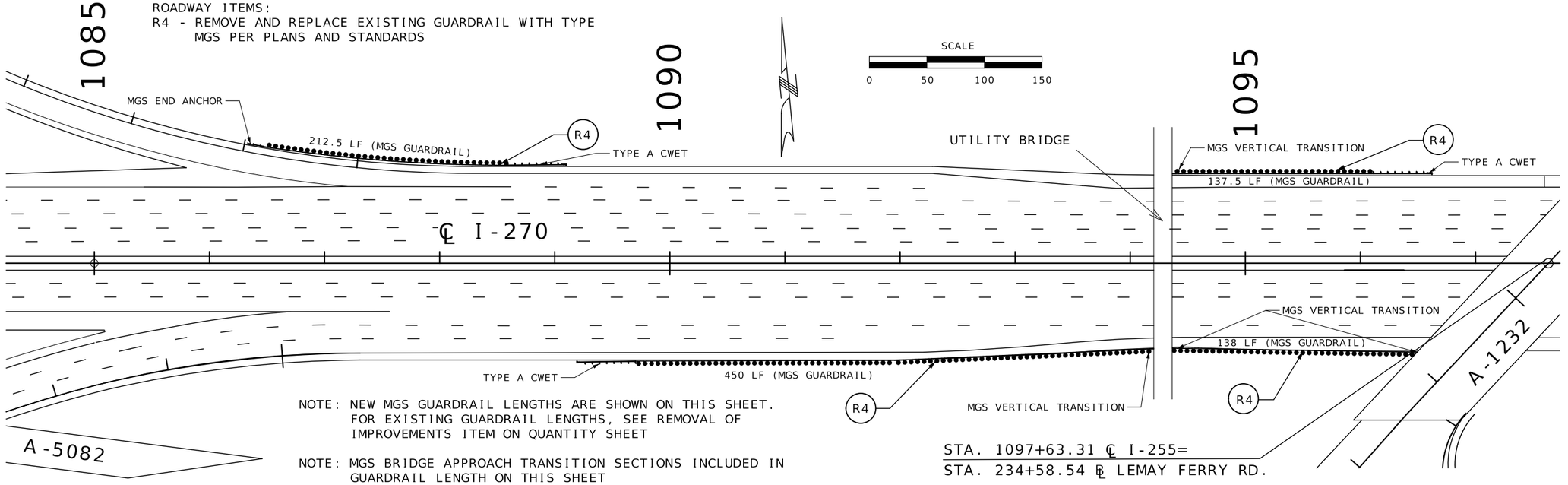
DESCRIPTION	DATE

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

PLAN SHEET
SHEET 14 OF 15



ROADWAY ITEMS:
R4 - REMOVE AND REPLACE EXISTING GUARDRAIL WITH TYPE MGS PER PLANS AND STANDARDS



NOTE: NEW MGS GUARDRAIL LENGTHS ARE SHOWN ON THIS SHEET. FOR EXISTING GUARDRAIL LENGTHS, SEE REMOVAL OF IMPROVEMENTS ITEM ON QUANTITY SHEET

NOTE: MGS BRIDGE APPROACH TRANSITION SECTIONS INCLUDED IN GUARDRAIL LENGTH ON THIS SHEET

NOTE: ALL GRADING FOR MASH CWETs, AS PAID FOR WITH MODIFED SHAPING SLOPES - CLASS III, SHALL USE ALTERNATE GRADING LIMITS AS SHOWN IN THE STD. PLANS

STA. 1097+63.31 ℄ I-255=
STA. 234+58.54 ℄ LEMAY FERRY RD.

ADDITIONAL GUARDRAIL REPLACEMENTS
SHEET 1 OF 1

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
08/27/2026 10:41:58 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
8/26/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	18

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

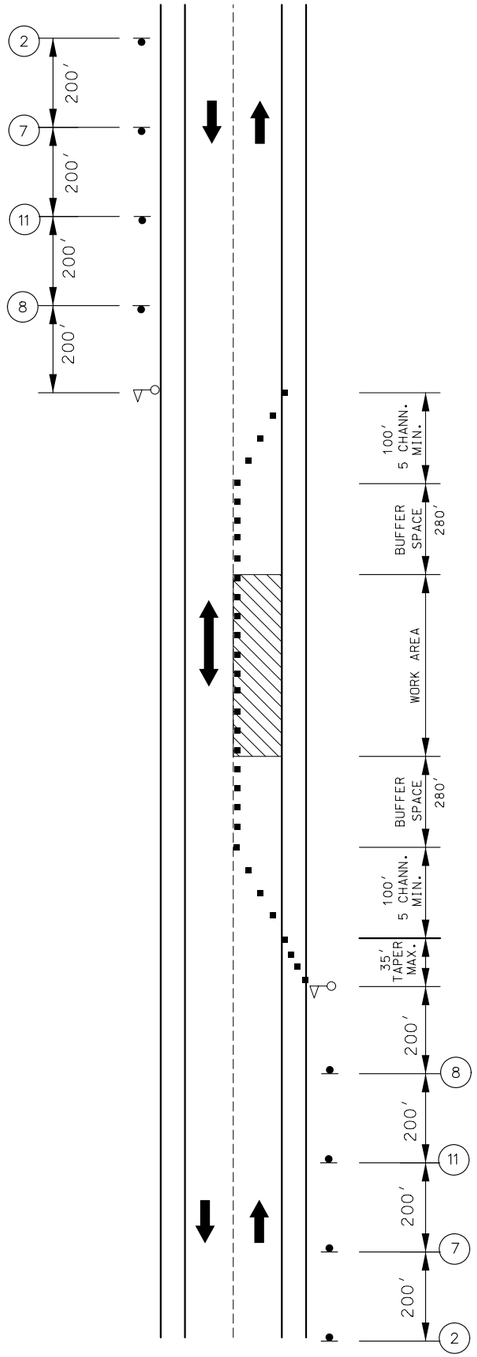
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PLAN SHEET
SHEET 15 OF 15



LANE CLOSURE ON
TWO-LANE ROAD
USING FLAGGERS

NOT TO SCALE



W020-1
(2)



W020-4
(7)



W020-7a
(8)



W03-4
(11)

NOTES:

AUTOMATED FLAGGER ASSISTANCE DEVICES (AFAD) AND PORTABLE SIGNAL FLAGGING DEVICES (PSFD) MAY BE USED AS AN ALTERNATIVE FLAGGING OPERATION.

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

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLAGGER

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:27:24 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
SL	19

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

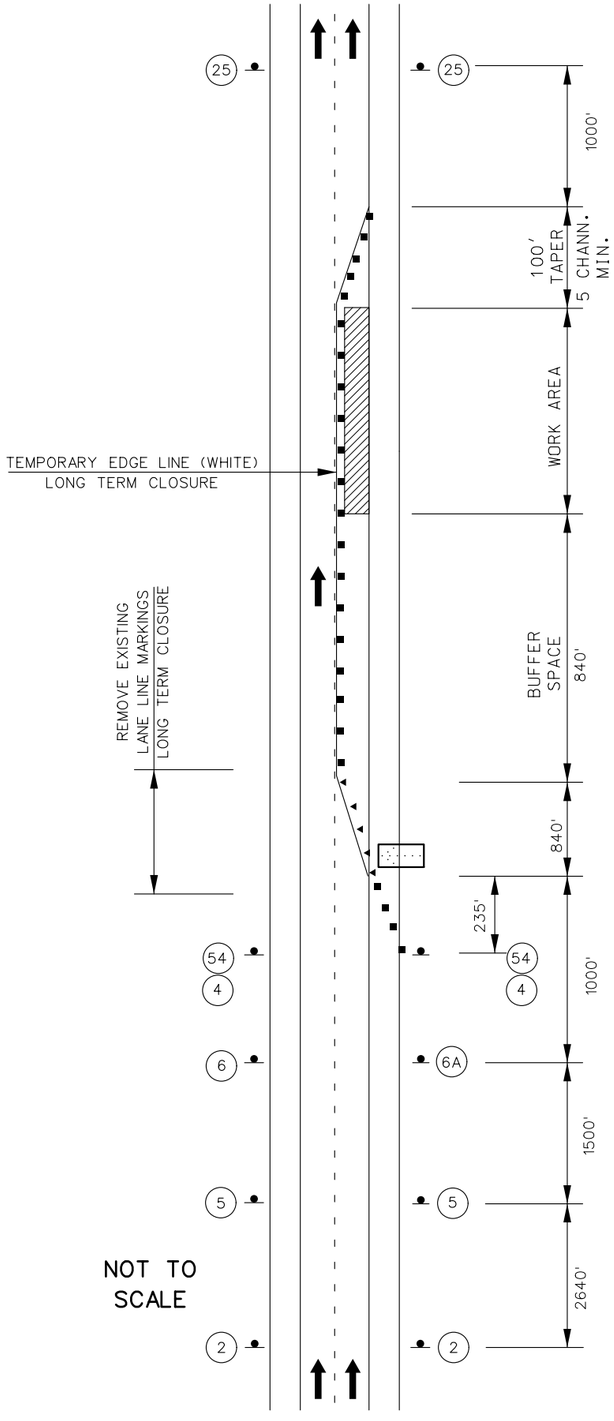
PROJECT NO.

BRIDGE NO.

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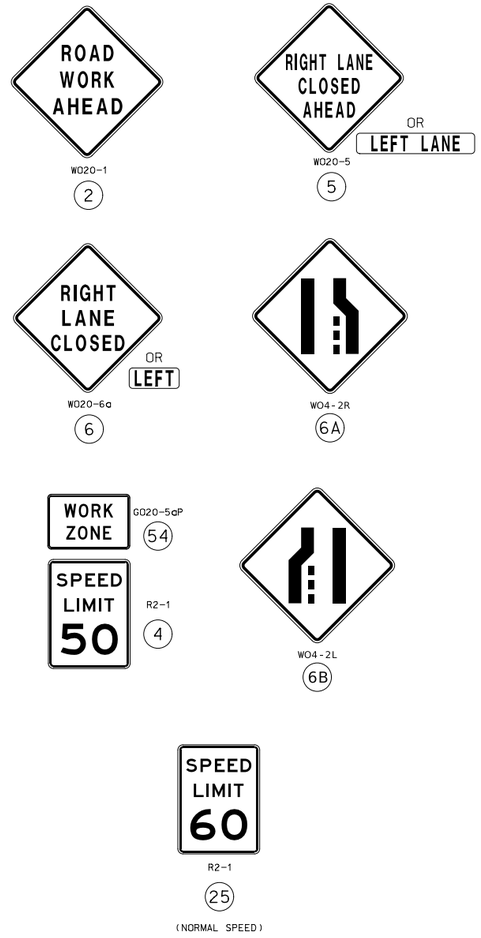
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL
SINGLE LANE TWO-WAY
FLAGGING OPERATION



NOT TO SCALE

STATIONARY RIGHT LANE CLOSURE ON A DIVIDED HIGHWAY



NOTES:

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM CLOSURES.

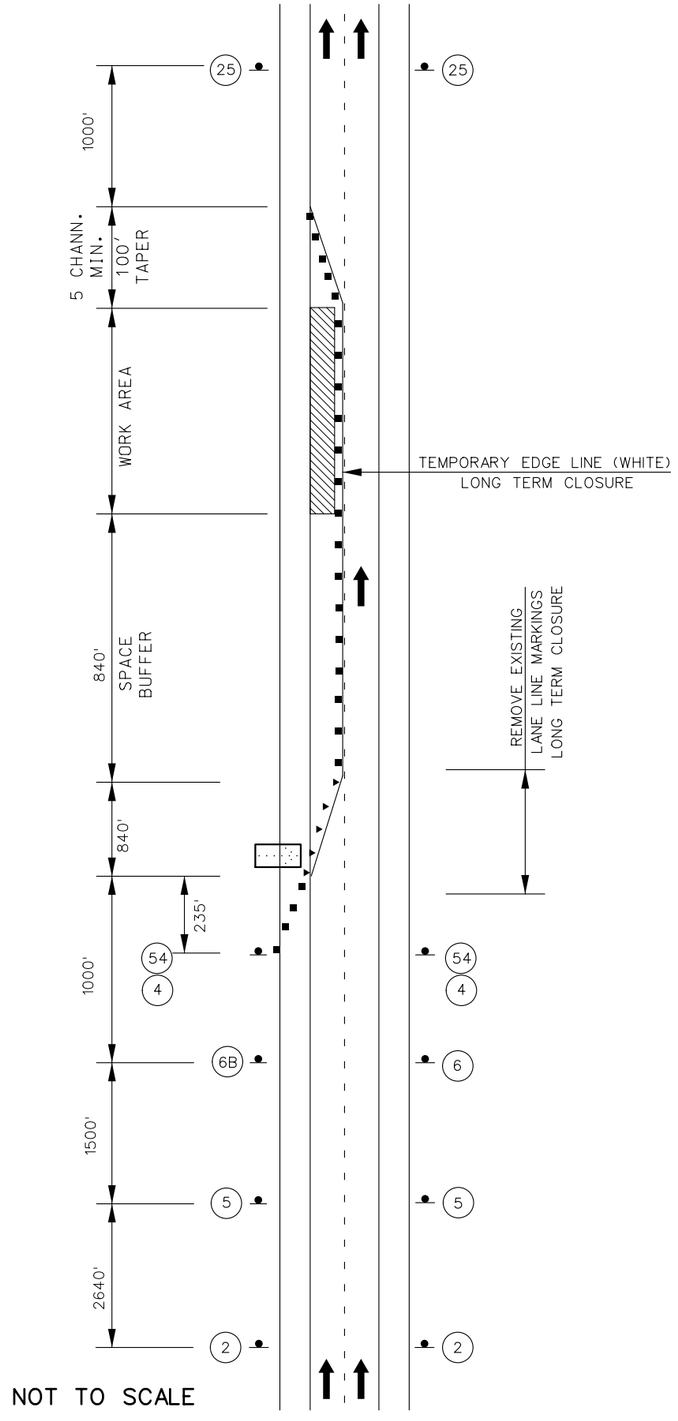
REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

THIS INFORMATION ALSO SHALL BE USED WHEN WORK IS BEING PERFORMED IN THE LANE ADJACENT TO THE MEDIAN ON A DIVIDED HIGHWAY. IN THIS CASE,THE LEFT LANE CLOSED SIGNS AND THE CORRESPONDING MERGE OR LANE ENDS SIGNS SHALL BE SUBSTITUTED.

WHEN A SIDE ROAD INTERSECTS THE HIGHWAY WITHIN THE TTC ZONE, ADDITIONAL TTC DEVICES SHALL BE PLACED AS NEEDED.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- ADVANCE WARNING RAILS



NOT TO SCALE

STATIONARY LEFT LANE CLOSURE ON A DIVIDED HIGHWAY

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:27:33 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
SL	20

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

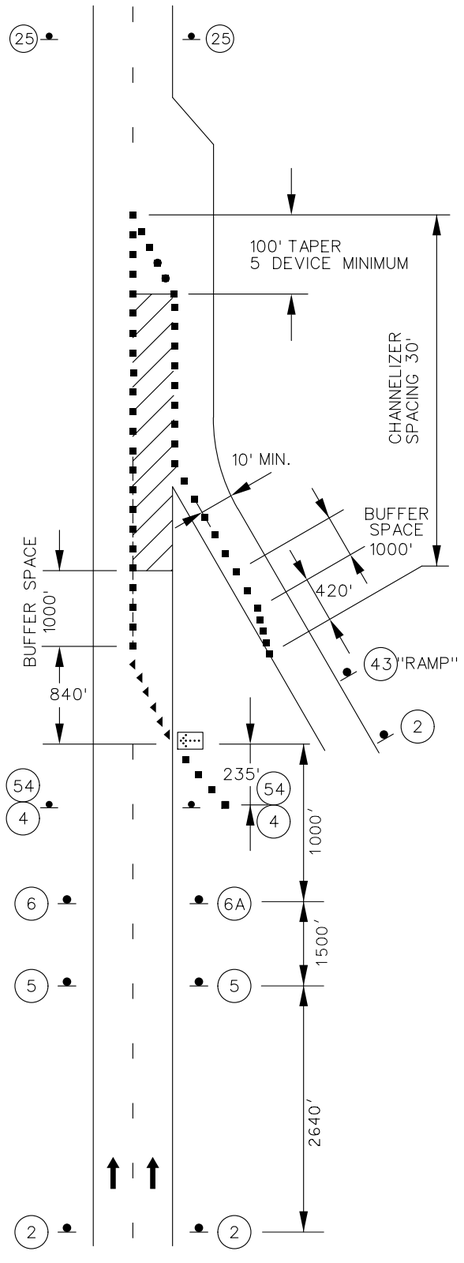
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
SINGLE LANE CLOSURE



WORK IN THE VICINITY
OF AN ENTRANCE RAMP

NOT TO SCALE



W020-1
2



W020-5
5



W020-6a
6



W04-2R
6A



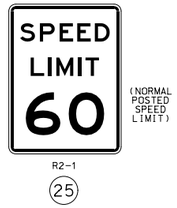
W05-1
43



W04-1R



G020-5aP
54



(NORMAL POSTED SPEED LIMIT)

R2-1
25



R2-1
4

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- DIRECTIONAL INDICATOR BARRICADES

NOTES:

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED.

YIELD SIGN SHOULD BE PLACED ON THE RAMP TO PROVIDE ADEQUATE VISIBILITY OF MAINLINE TRAFFIC. WHERE INADEQUATE ACCELERATION DISTANCE EXISTS FOR THE TEMPORARY ENTRANCE, THE YIELD SIGN SHALL BE REPLACED WITH STOP SIGNS (ONE ON EACH SIDE OF THE APPROACH).

FOR RAMPS WITH SHARP CURVES OR MULTIPLE LANES, RAMP SIGNS MAY BE PLACED ON BOTH SIDES OF THE RAMP.

THE LOCATION OF THE SIGN SEQUENCE AND MERGE TAPER SHOULD BE ADJUSTED SO THAT THE ARROW PANEL LOCATION IS NOT CONFUSING TO MOTORISTS ON THE RAMP.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:27:43 PM
STUART ROBINSON McNEIL - CIVIL
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DATE PREPARED
10/2/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
SL	21

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

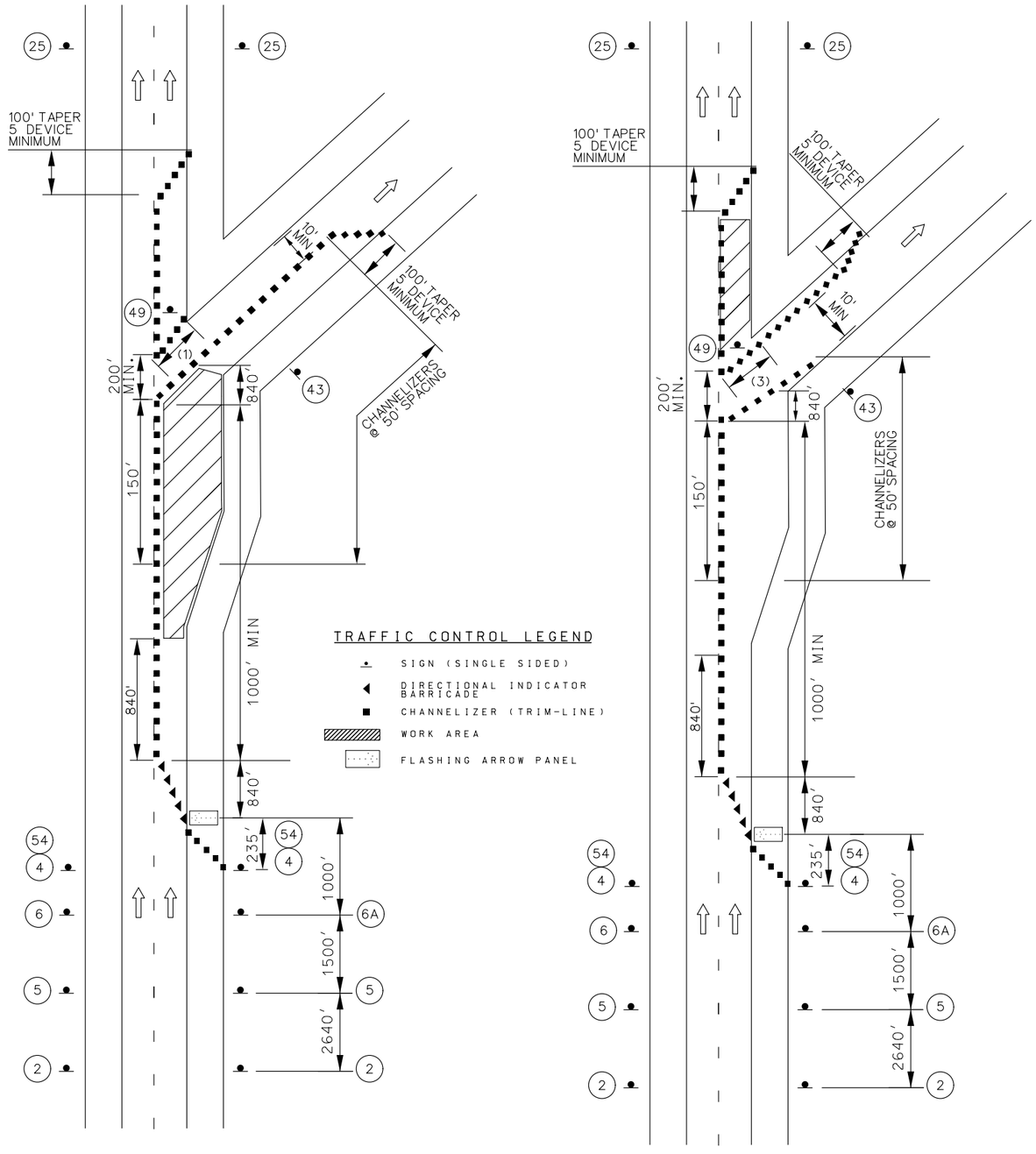
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
WORK IN THE VINCINITY
OF AN ENTRANCE RAMP

NOT TO SCALE



WORK IN THE VICINITY
OF AN EXIT RAMP

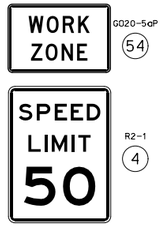
















NOTES:

REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.

TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.

RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED

(1) 5 CHANNELIZER DEVICES MINIMUM

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:27:55 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
SL	22

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

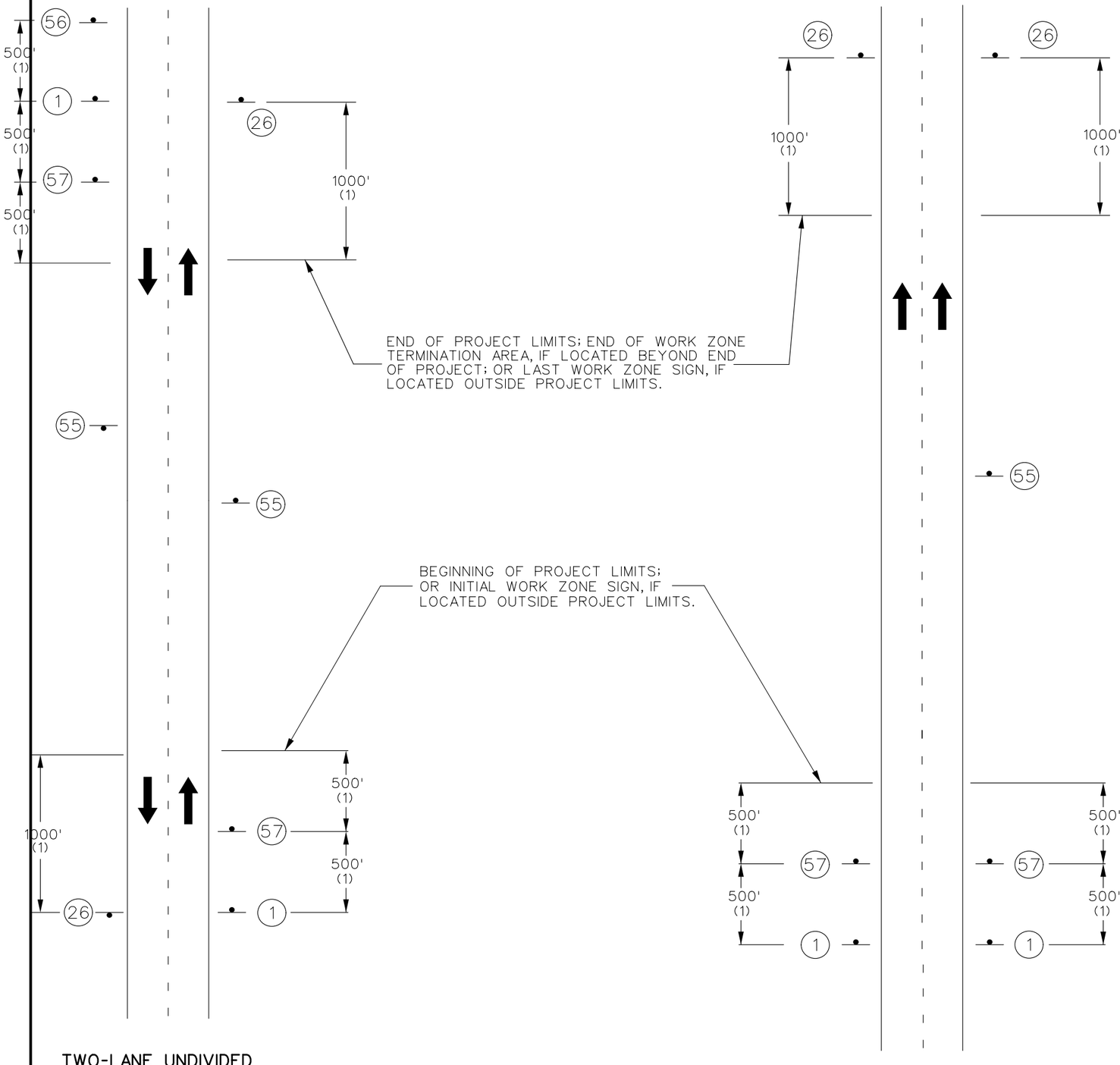
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

TRAFFIC CONTROL
WORK IN THE VINCINITY
OF AN EXIT RAMP



NOTES:
SIGN G020-1 IS REQUIRED PER EPG 616.1.4

SIGN G020-2 IS USED ON ALL PROJECTS WHERE SIGN G020-1 IS USED.

OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

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

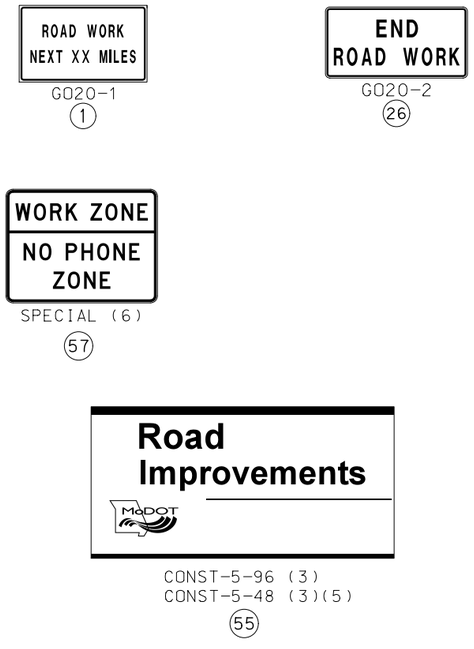
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

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

(3) CONST-5-96 OR CONST-5-48 SIGN IS PLACED IN A VISIBLE AREA WITHIN THE PROJECT LIMITS PROVIDED ITS PLACEMENT DOES NOT DISRUPT A SEQUENCE OF SIGNS. IF A VISIBLE LOCATION WITHIN THE PROJECT IS NOT AVAILABLE, THE SIGN MAY BE PLACED 500 FEET BEFORE SIGN CONST-7-72 OR CONST-7-48.

(5) THE "POINT OF PRESENCE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 36 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT RIGHTS OF WAY FOR AN EIGHT FOOT WIDE SIGN. THE 96 IN. X 48 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS, BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. x 36 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

(6) THE "WORK ZONE NO PHONE ZONE" SIGN IS PLACED A MINIMUM OF 500 FEET BEFORE THE ROAD WORK AHEAD SIGN.



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:28:05 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
SL	23

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

TRAFFIC CONTROL
BEGIN/END OF PROJECT

NOTES:

SEE EPG 616.18 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.

UPON APPROVAL OF THE ENGINEER, THE CONTRACTOR MAY PROVIDE ADDITIONAL PROTECTIVE TRUCKS EQUIPPED WITH PROPER WARNING DEVICES.

PROTECTIVE TRUCK AND WORK VEHICLES SHALL DISPLAY 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.

VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGEND ON VEHICLE-MOUNTED IGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.



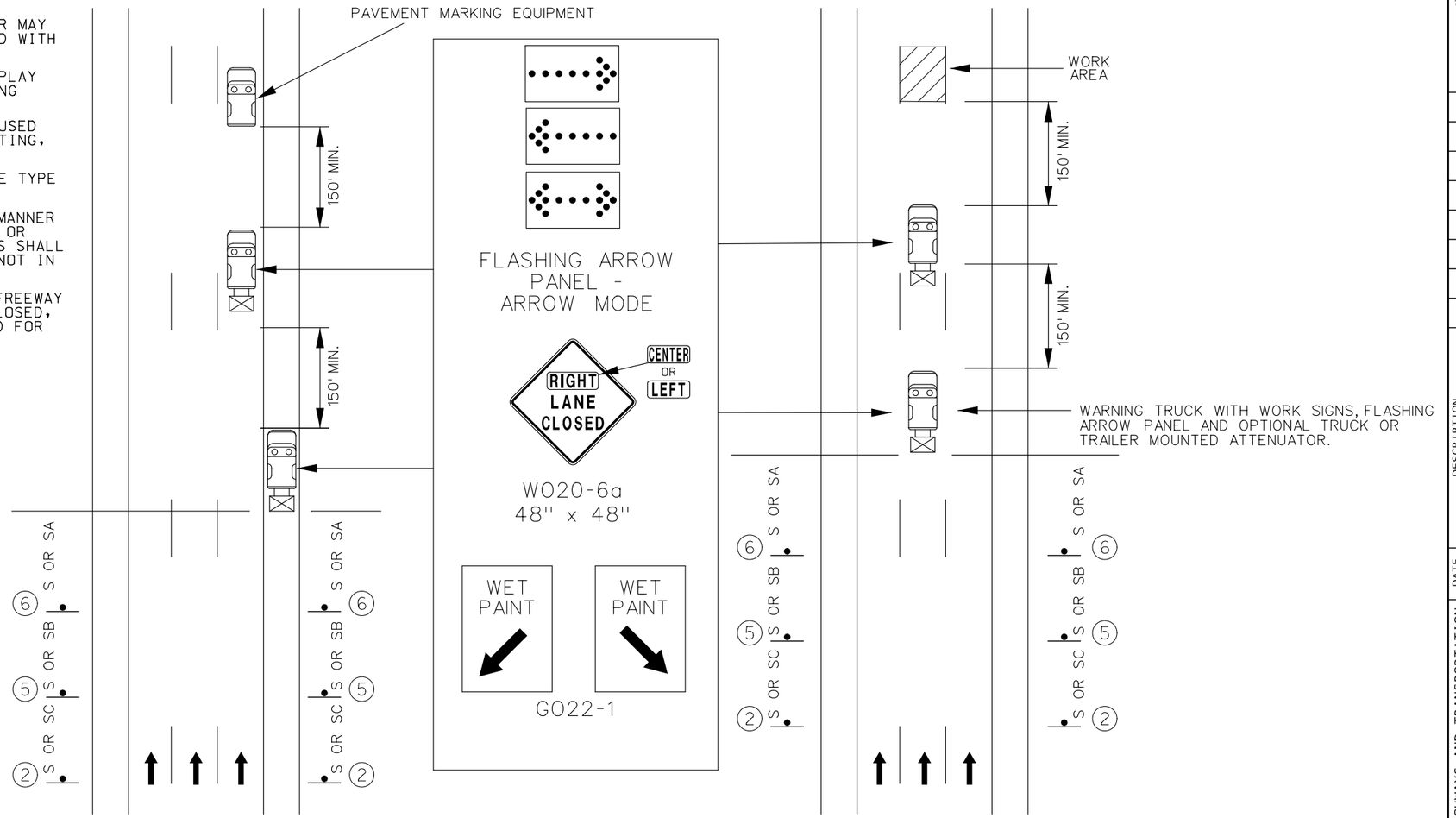
W020-1
(2)



W020-5
(5)



W020-6a
(6)



RIGHT OR LEFT LANE

INTERIOR LANE

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- SIGN (DOUBLE SIDED)
- FLAGGER
- CONE
- CHANNELIZER
- BARRICADE
- CHANGEABLE MESSAGE BOARD

SPEED	SIGN SPACING (ft.)	
Normal Posted (mph)	Undivided (S)	Divided (S)
60-70	SA - 1000, SB - 1500, and SC - 2640	

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:28:13 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 10/2/2026

ROUTE: I-270 | STATE: MO

DISTRICT: SL | SHEET NO.: 24

COUNTY: ST. LOUIS

JOB NO.: JSL0053

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION

DATE

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

TRAFFIC CONTROL
MOBILE OPERATION ON
A DIVIDED HIGHWAY



MO4-11-36 SHF-FLAT SHEET FLUORESCENT;
2,250" Radius, 0,875" Border, 0,625" Indent, Black on, Orange;
Interstate 270 12.000" B;
Table of letter and object lefts

	6.000
	6.000
	3.000
	7.500



MO4-11-36 SHF-FLAT SHEET FLUORESCENT;
2,250" Radius, 0,875" Border, 0,625" Indent, Black on, Orange;
Interstate 270 12.000" B;
Table of letter and object lefts

	6.000
	6.000
	3.000
	7.500



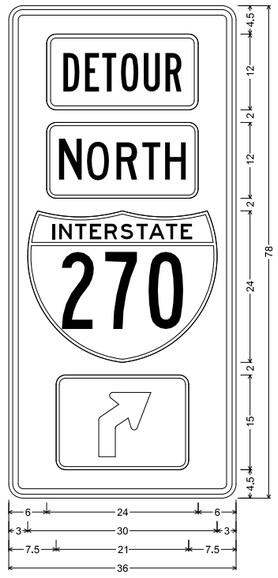
MO4-11-36 SHF-FLAT SHEET FLUORESCENT;
2,250" Radius, 0,875" Border, 0,625" Indent, Black on, Orange;
Interstate 270 12.000" B;
Table of letter and object lefts

	6.000
	6.000
	3.000
	7.500



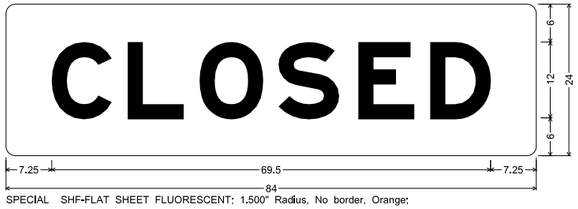
MO4-11-36 SHF-FLAT SHEET FLUORESCENT;
2,250" Radius, 0,875" Border, 0,625" Indent, Black on, Orange;
Interstate 270 12.000" B;
Table of letter and object lefts

	6.000
	6.000
	3.000
	7.500



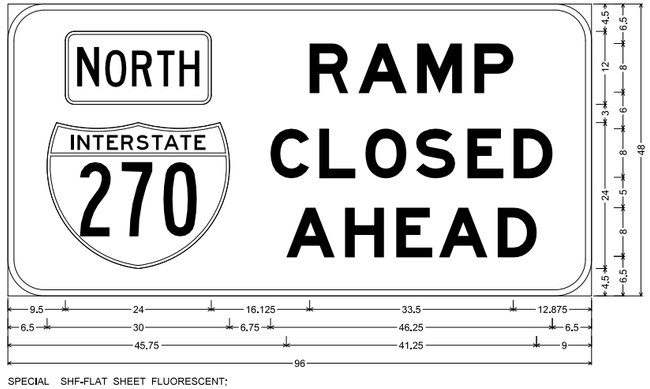
MO4-11-36 SHF-FLAT SHEET FLUORESCENT;
2,250" Radius, 0,875" Border, 0,625" Indent, Black on, Orange;
Interstate 270 12.000" B;
Table of letter and object lefts

	6.000
	6.000
	3.000
	7.500



SPECIAL SHF-FLAT SHEET FLUORESCENT; 1.500" Radius, No border, Orange;
[CLOSED] Black E Mod;
Table of letter and object lefts.

C	L	O	S	E	D
7.250	19.250	30.625	43.125	55.875	67.250



SPECIAL SHF-FLAT SHEET FLUORESCENT;
6.000" Radius, 1.000" Border, Black on, Orange;
Interstate 270 12,000" B; "RAMP", E Mod; "CLOSED", E Mod; "AHEAD", E Mod;
Table of letter and object lefts

	R	A	M	P			
9.500	49.625	57.625	67.250	76.750			
	C	L	O	S	E	D	
6.500	43.250	51.250	58.875	67.125	75.625	83.125	
A	H	E	A	D			
45.750	55.500	63.875	70.875	80.625			

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:28:25 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	25

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
NIGHT DETOUR SIGNS

GENERAL NOTES:

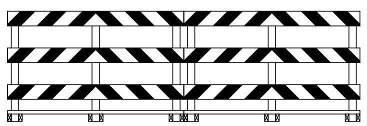
1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COMPLETELY COVERED OR REMOVED.
2. ALL SIGNS SHALL BE GROUND-MOUNTED.
3. ALL DISTANCES AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE REVISED AS DIRECTED BY THE ENGINEER TO FIT FIELD CONDITIONS.
4. ADD 5 CHANNELIZERS WITH 20′ SPACINGS FOR EACH CMS BOARD.

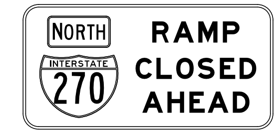


29C

R11-2
48″X30″

NOTE: SIGN SHOULD BE PLACED 8 FT. BEHIND 3 - TYPE III BARRICADES.





SPECIAL SIGN
96″X48″

55

(SEE SIGN DETAIL SHEET)



W020-2
48″X48″

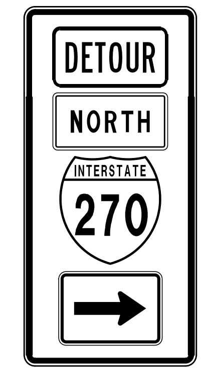
18



SPECIAL SIGN
36″X78″

50A

(SEE SIGN DETAIL SHEET)



SPECIAL SIGN
36″X78″

50B

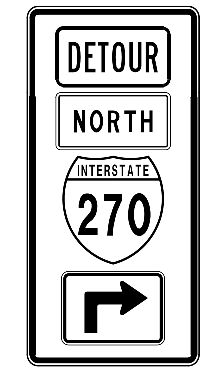
(SEE SIGN DETAIL SHEET)



SPECIAL SIGN
36″X78″

50C

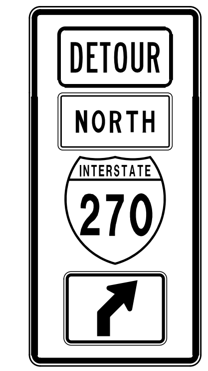
(SEE SIGN DETAIL SHEET)



SPECIAL SIGN
36″X78″

50D

(SEE SIGN DETAIL SHEET)



SPECIAL SIGN
36″X78″

50E

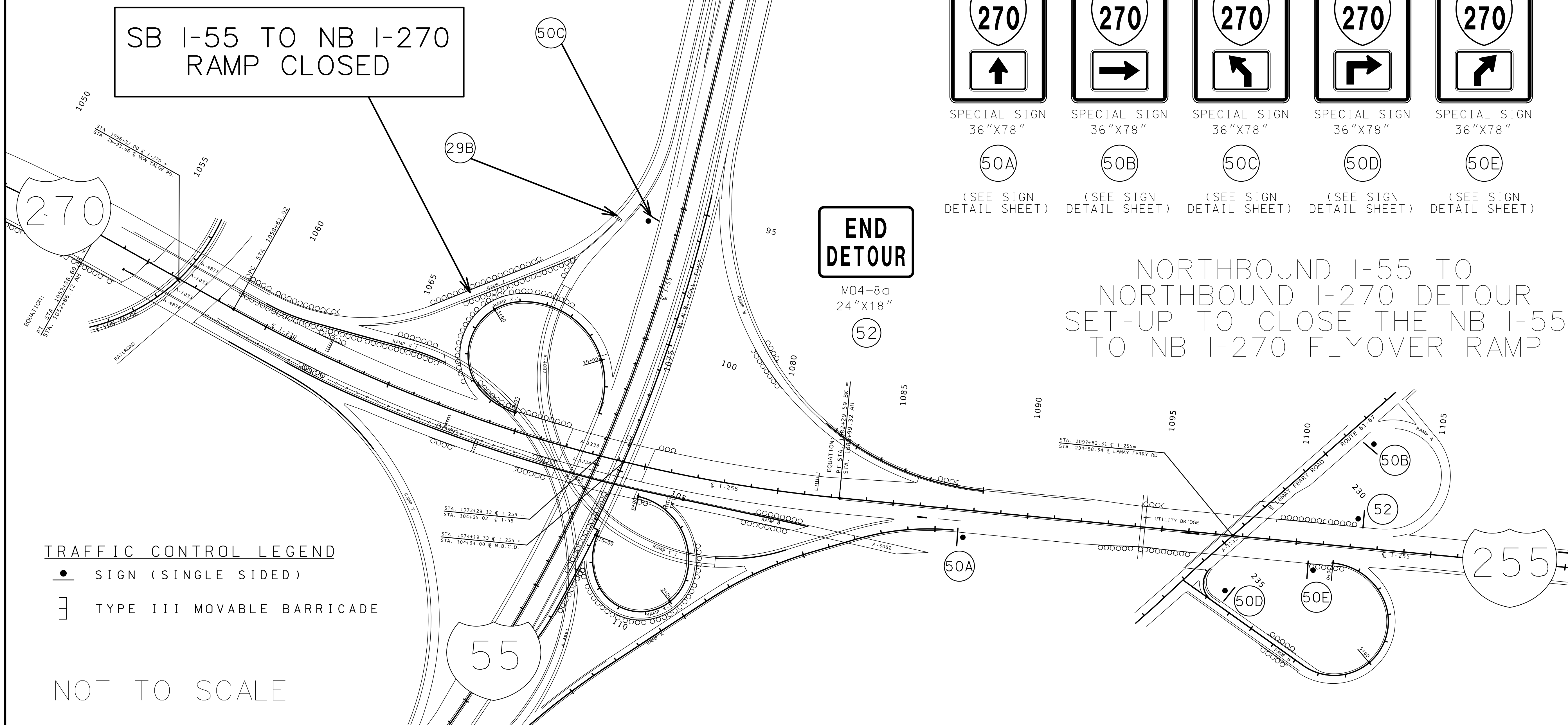
(SEE SIGN DETAIL SHEET)

END DETOUR

M04-8a
24″X18″

52

NORTHBOUND I-55 TO NORTHBOUND I-270 DETOUR SET-UP TO CLOSE THE NB I-55 TO NB I-270 FLYOVER RAMP



TRAFFIC CONTROL LEGEND

● SIGN (SINGLE SIDED)

Ǝ TYPE III MOVABLE BARRICADE

NOT TO SCALE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

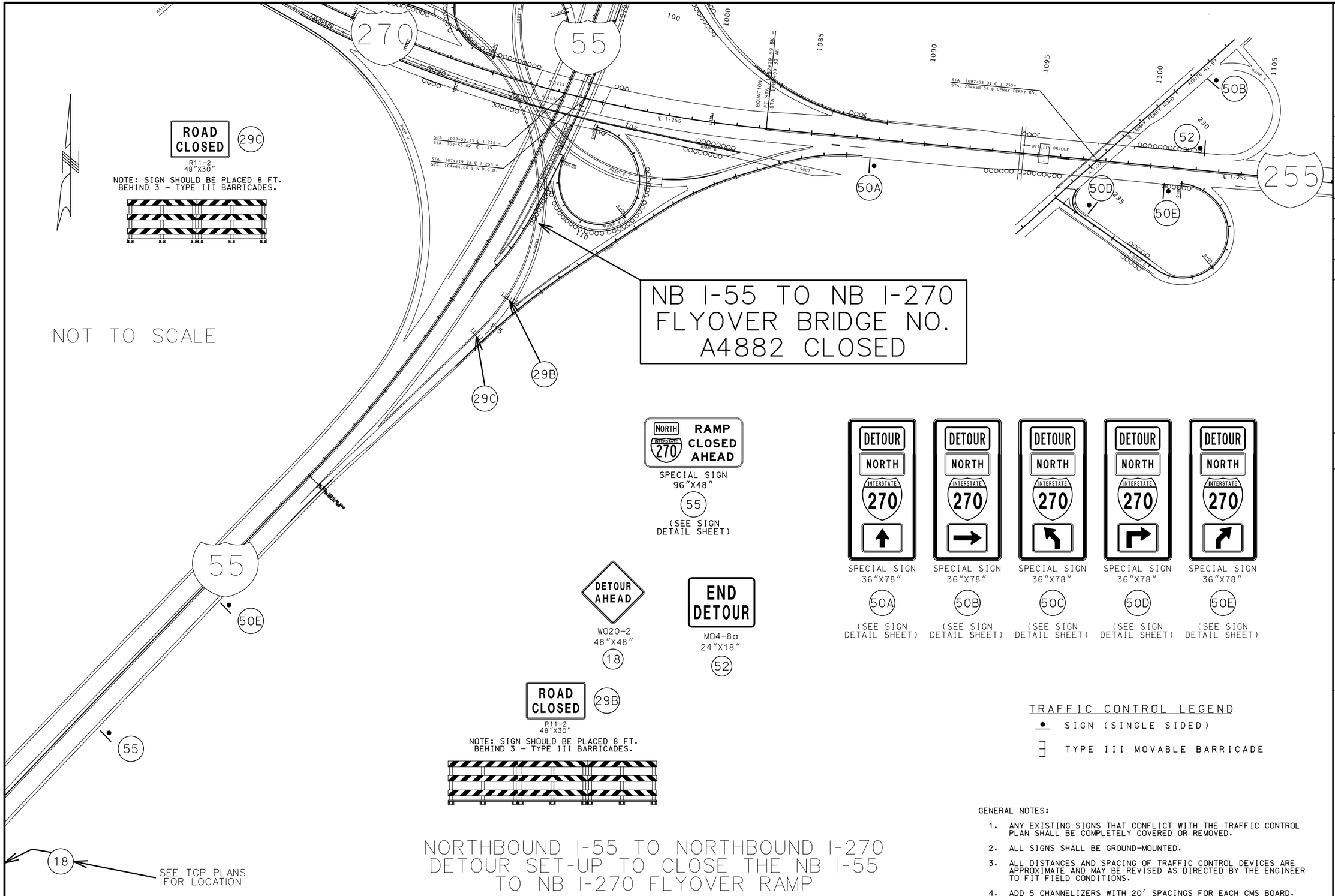
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STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED	10/2/2026
ROUTE	I-255
STATE	MO
DISTRICT	SL
SHEET NO.	26
COUNTY	ST.LOUIS
JOB NO.	JSL0053
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	
DESCRIPTION	
DATE	

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1
NIGHT DETOUR



ROAD CLOSED 29C

R11-2
48"X30"

NOTE: SIGN SHOULD BE PLACED 8 FT. BEHIND 3 - TYPE III BARRICADES.

NORTH INTERSTATE 270 RAMP CLOSED AHEAD

SPECIAL SIGN
96"X48"
55
(SEE SIGN DETAIL SHEET)

DETOUR AHEAD

WO20-2
48"X48"
18

END DETOUR

MO4-8a
24"X18"
52

ROAD CLOSED 29B

R11-2
48"X30"

NOTE: SIGN SHOULD BE PLACED 8 FT. BEHIND 3 - TYPE III BARRICADES.

DETOUR NORTH INTERSTATE 270

SPECIAL SIGN
36"X78"
50A
(SEE SIGN DETAIL SHEET)

DETOUR NORTH INTERSTATE 270

SPECIAL SIGN
36"X78"
50B
(SEE SIGN DETAIL SHEET)

DETOUR NORTH INTERSTATE 270

SPECIAL SIGN
36"X78"
50C
(SEE SIGN DETAIL SHEET)

DETOUR NORTH INTERSTATE 270

SPECIAL SIGN
36"X78"
50D
(SEE SIGN DETAIL SHEET)

DETOUR NORTH INTERSTATE 270

SPECIAL SIGN
36"X78"
50E
(SEE SIGN DETAIL SHEET)

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- TYPE III MOVABLE BARRICADE

NORTHBOUND I-55 TO NORTHBOUND I-270 DETOUR SET-UP TO CLOSE THE NB I-55 TO NB I-270 FLYOVER RAMP

GENERAL NOTES:

1. ANY EXISTING SIGNS THAT CONFLICT WITH THE TRAFFIC CONTROL PLAN SHALL BE COMPLETELY COVERED OR REMOVED.
2. ALL SIGNS SHALL BE GROUND-MOUNTED.
3. ALL DISTANCES AND SPACING OF TRAFFIC CONTROL DEVICES ARE APPROXIMATE AND MAY BE REVISED AS DIRECTED BY THE ENGINEER TO FIT FIELD CONDITIONS.
4. ADD 5 CHANNELIZERS WITH 20' SPACINGS FOR EACH CMS BOARD.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:28:52 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	27

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

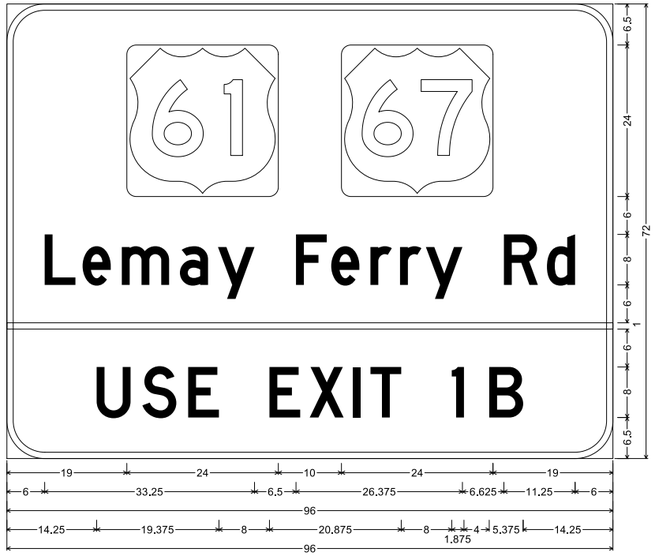
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

TRAFFIC CONTROL
STAGE 2
NIGHT DETOUR



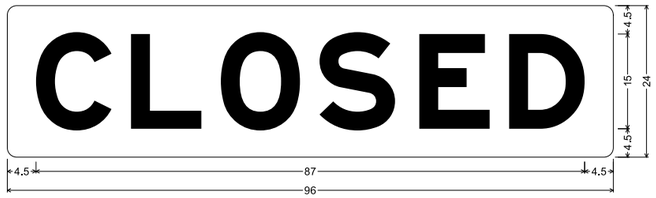
SPECIAL SHF-FLAT SHEET FLUORESCENT;
6.000" Radius, 1.000" Border, Black on Orange;
"Lemay Ferry Rd", D specified length; "USE EXIT 1 B", D specified length;
Table of letter and object lefts

61	67
19.000	53.000

L	e	m	a	y	F	e	r	r	y	R	d
6.000	12.000	18.250	27.375	33.375	45.750	51.375	57.625	62.250	66.375	78.750	85.500

—
0.000

U	S	E	E	X	I	T	I	B
14.250	21.500	28.750	41.625	48.000	54.875	57.625	70.500	76.375

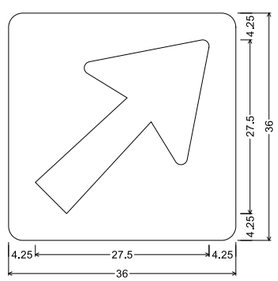


SPECIAL SHF-FLAT SHEET FLUORESCENT;
1.500" Radius, No border, Orange;
"CLOSED" Black, E Mod;
Table of letter and object lefts

C	L	O	S	E	D
4.500	19.625	33.875	49.500	65.250	79.500

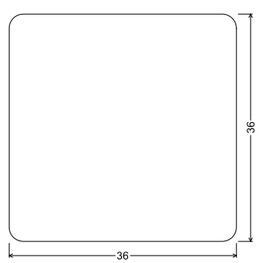
NOTE:

1. USE OF NEOPRENE WASHERS IS REQUIRED TO PROTECT THE SURFACE OF THE EXISTING SIGNS.
2. "CLOSED" SIGNS SHOULD BE MOUNTED AT APPROXIMATELY 30°



SPECIAL SH-FLAT SHEET;
2.250" Radius, No border, Green;
Arrow 160 - 35.000" 45° White;
Table of letter and object lefts

d
4.250



SPECIAL SH-FLAT SHEET;
2.250" Radius, No border, Green;

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:29:02 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO

DISTRICT	SHEET NO.
SL	28

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

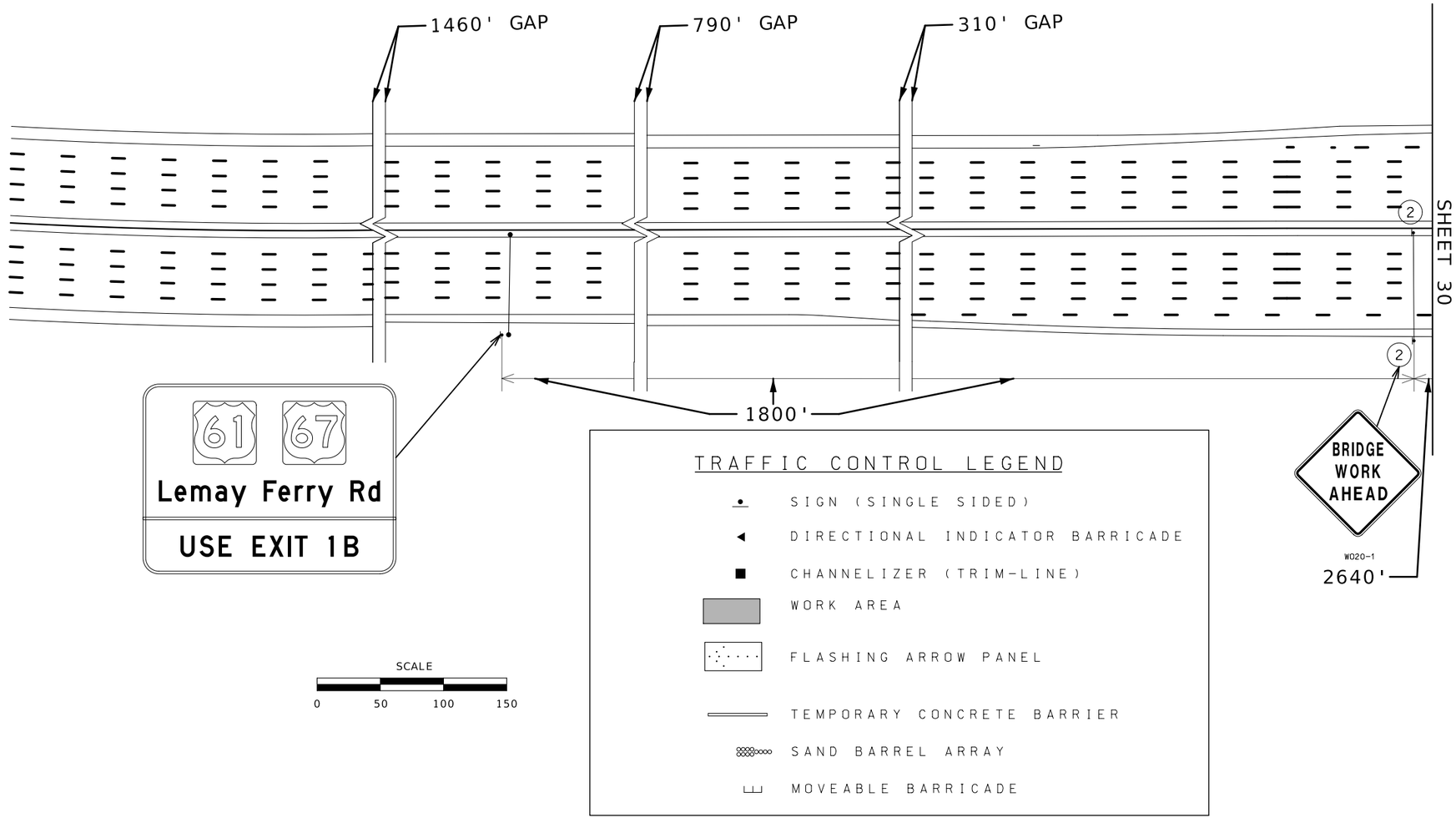
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
A5082 CLOSURE
DETOUR SIGNAGE



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:29:16 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	29

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

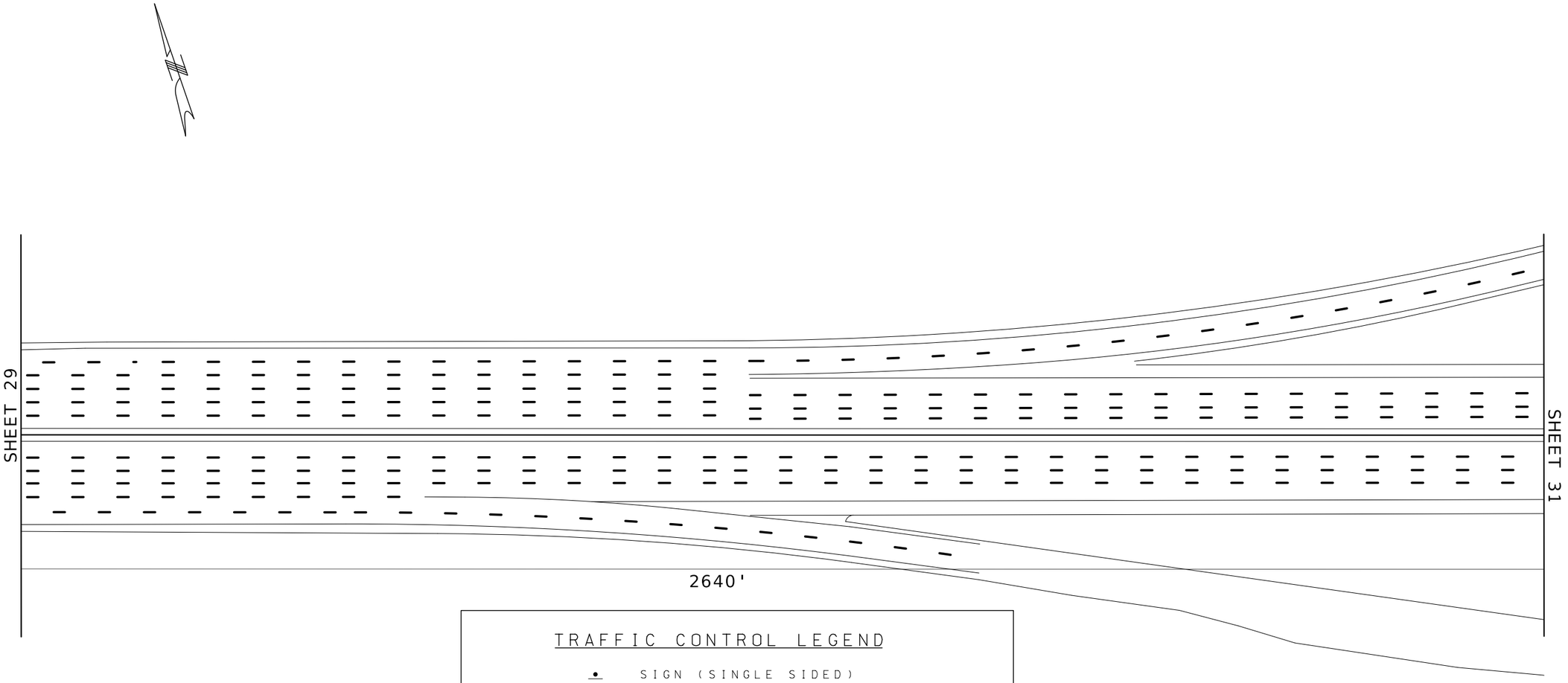
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 1 OF 20



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:29:33 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	30

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

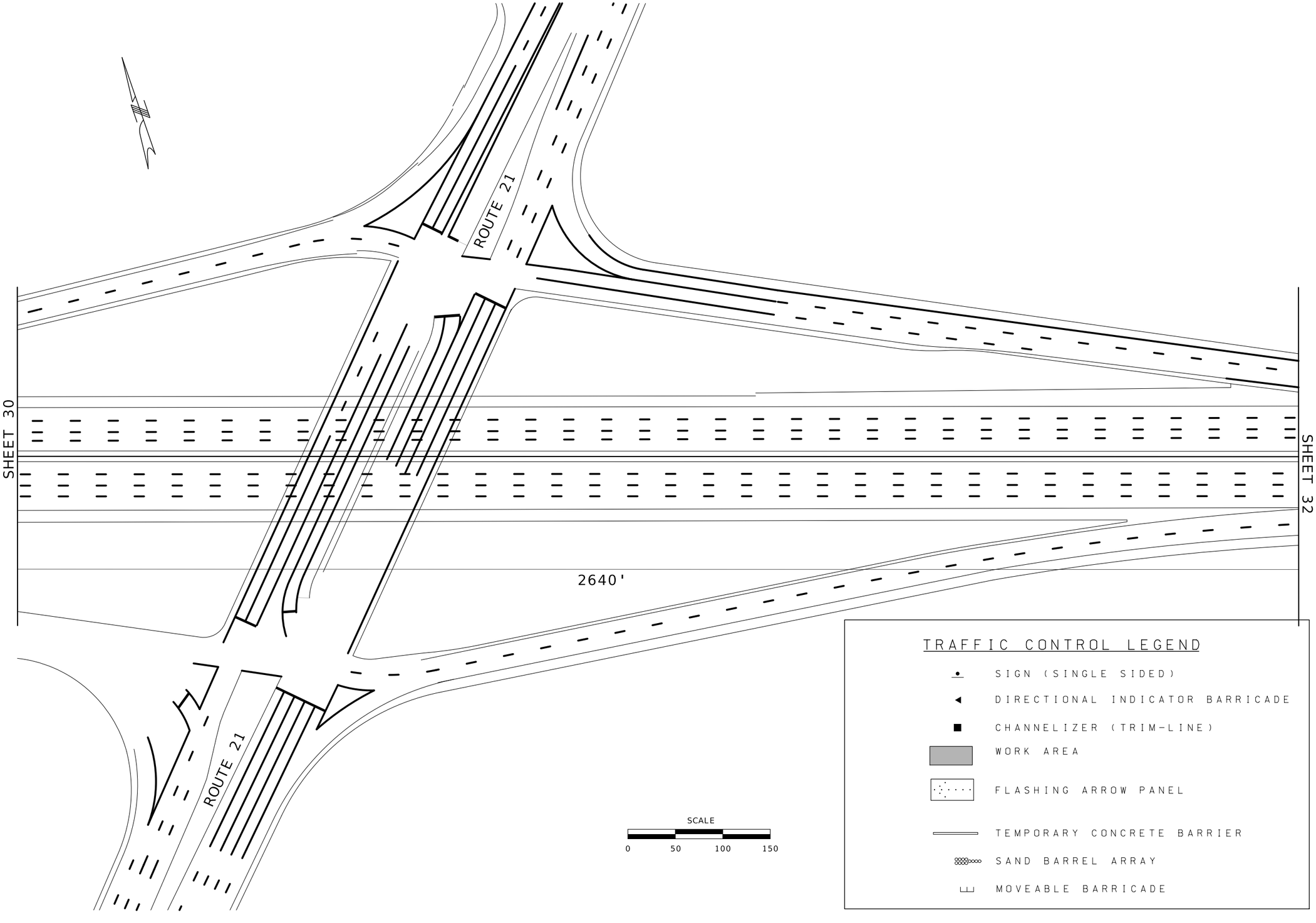
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 2 OF 20



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:29:42 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	31

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

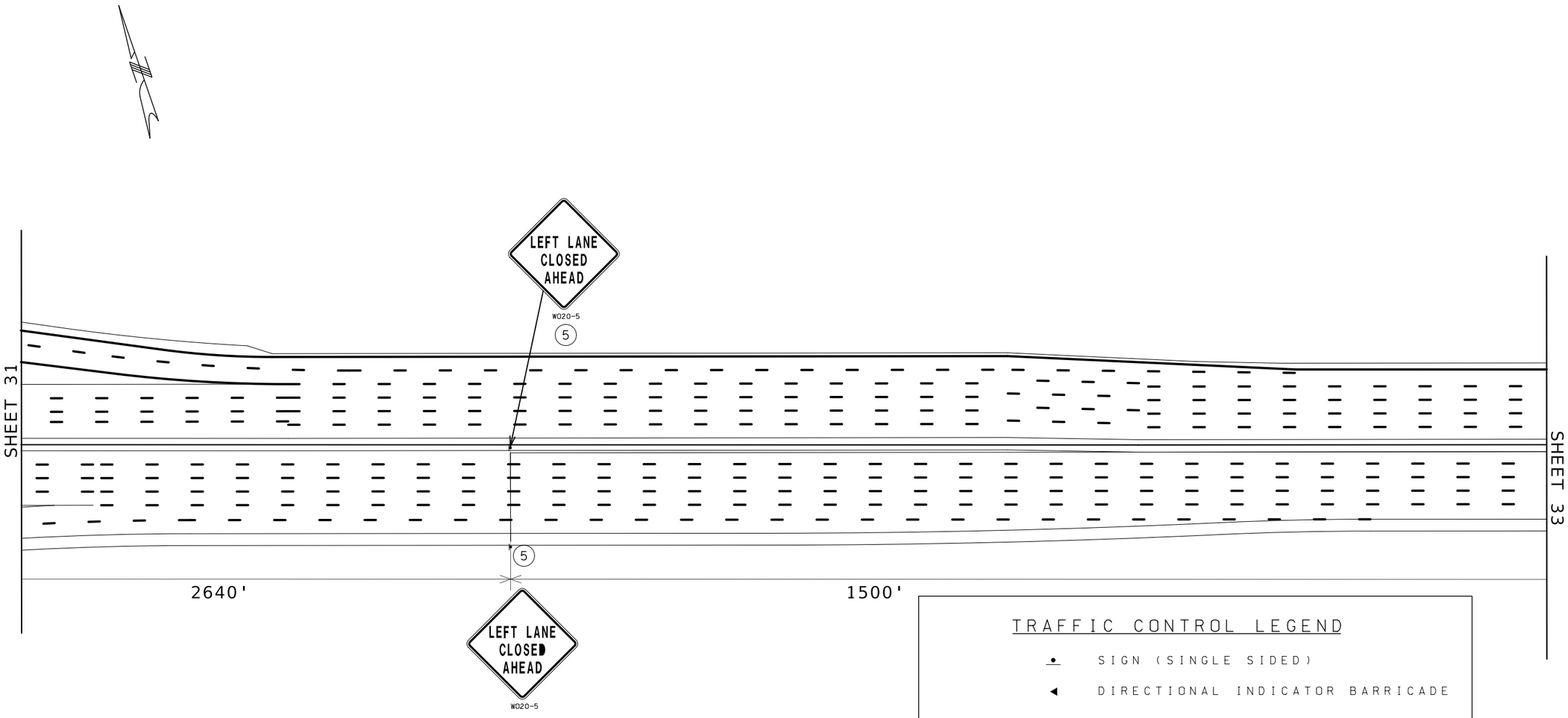
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 3 OF 20



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:29:52 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	32

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

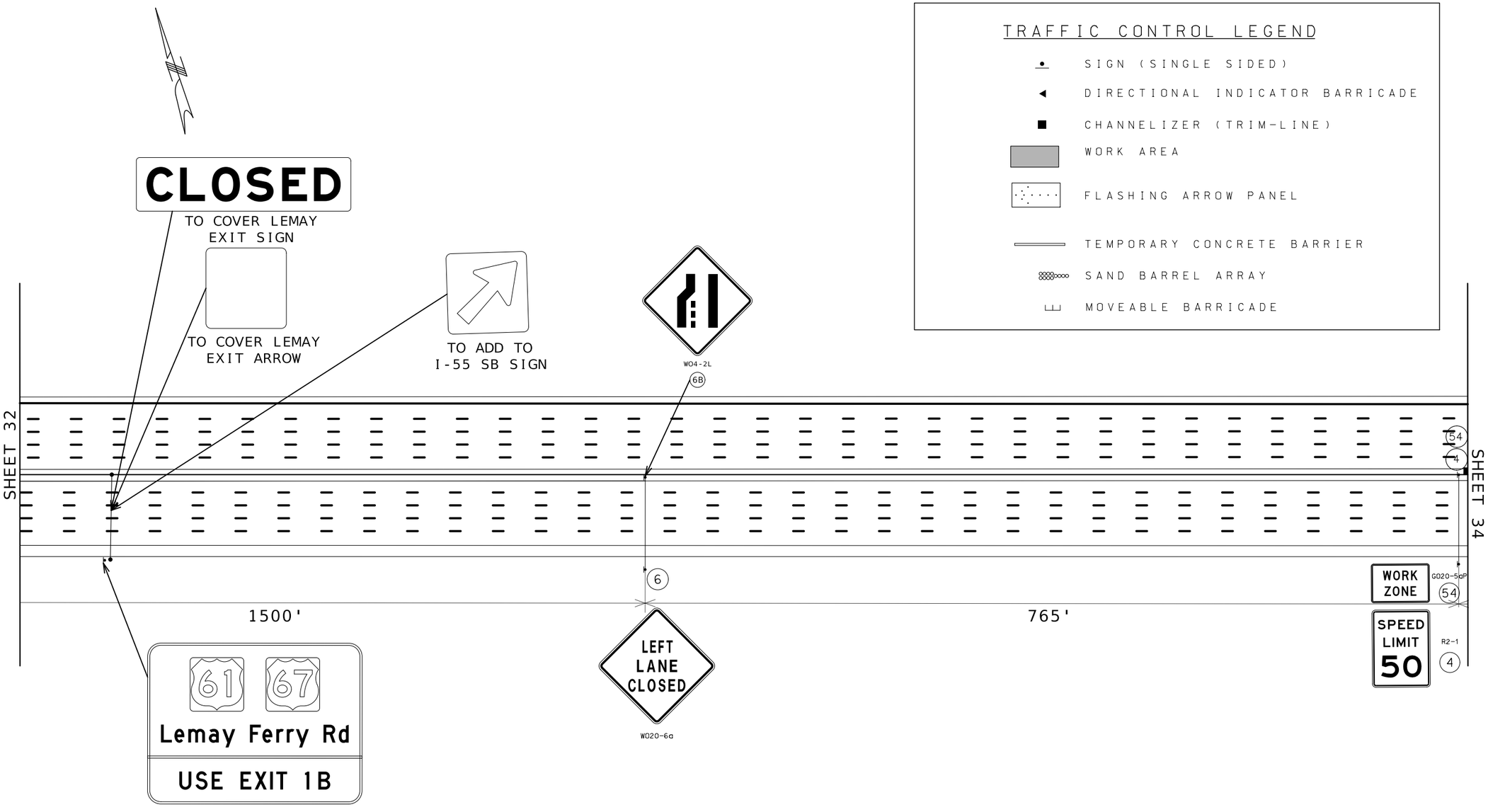
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 4 OF 20



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:30:01 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	33

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

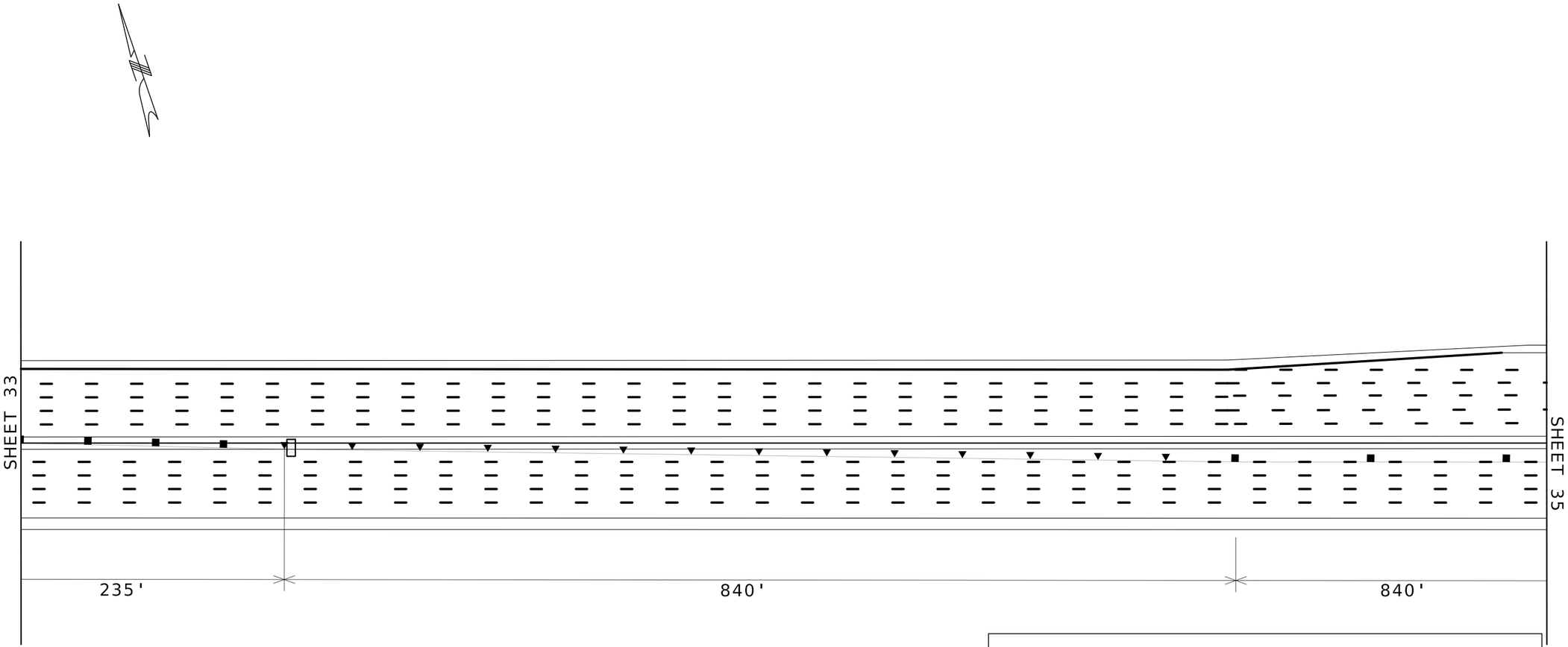
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 5 OF 20



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:32:45 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	34

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

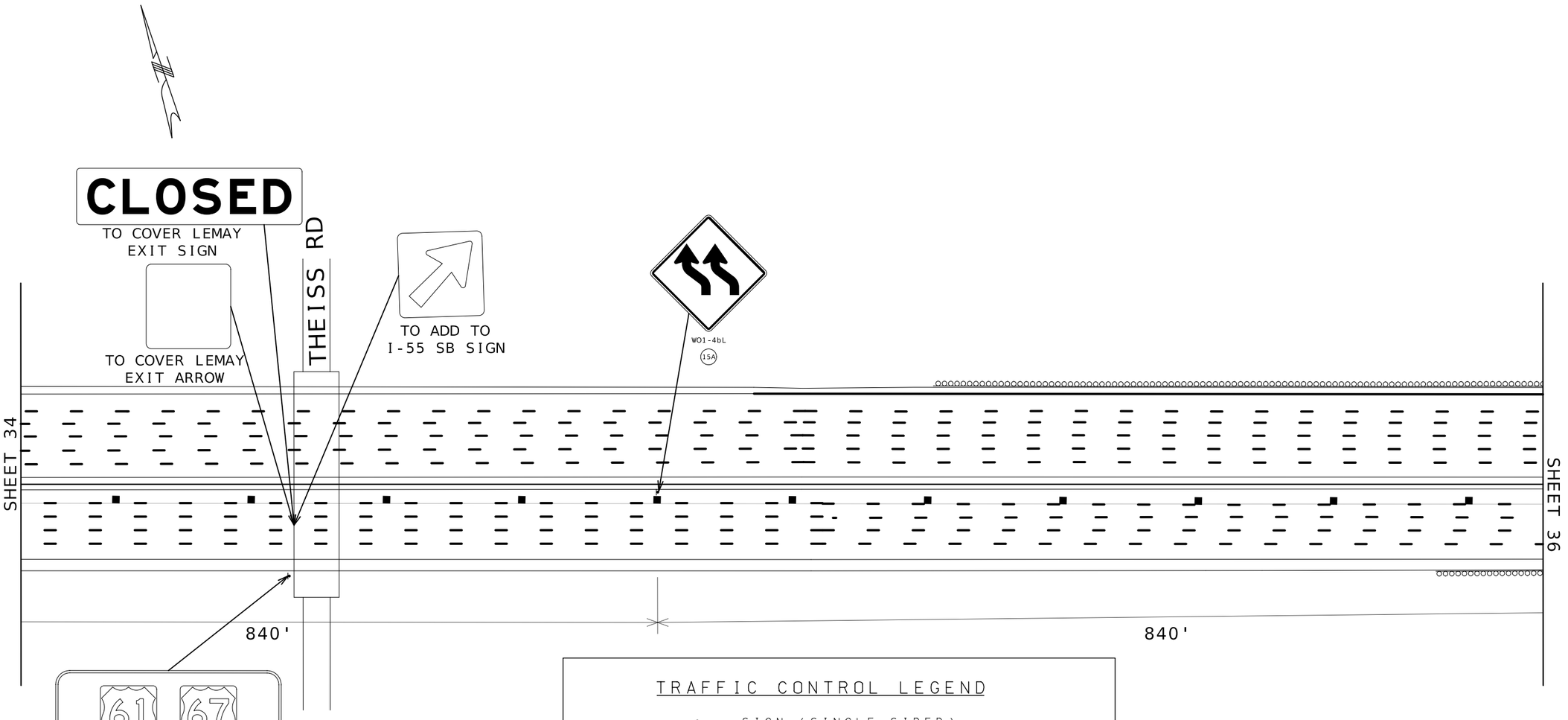
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 6 OF 20



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:32:54 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	35

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 7 OF 20

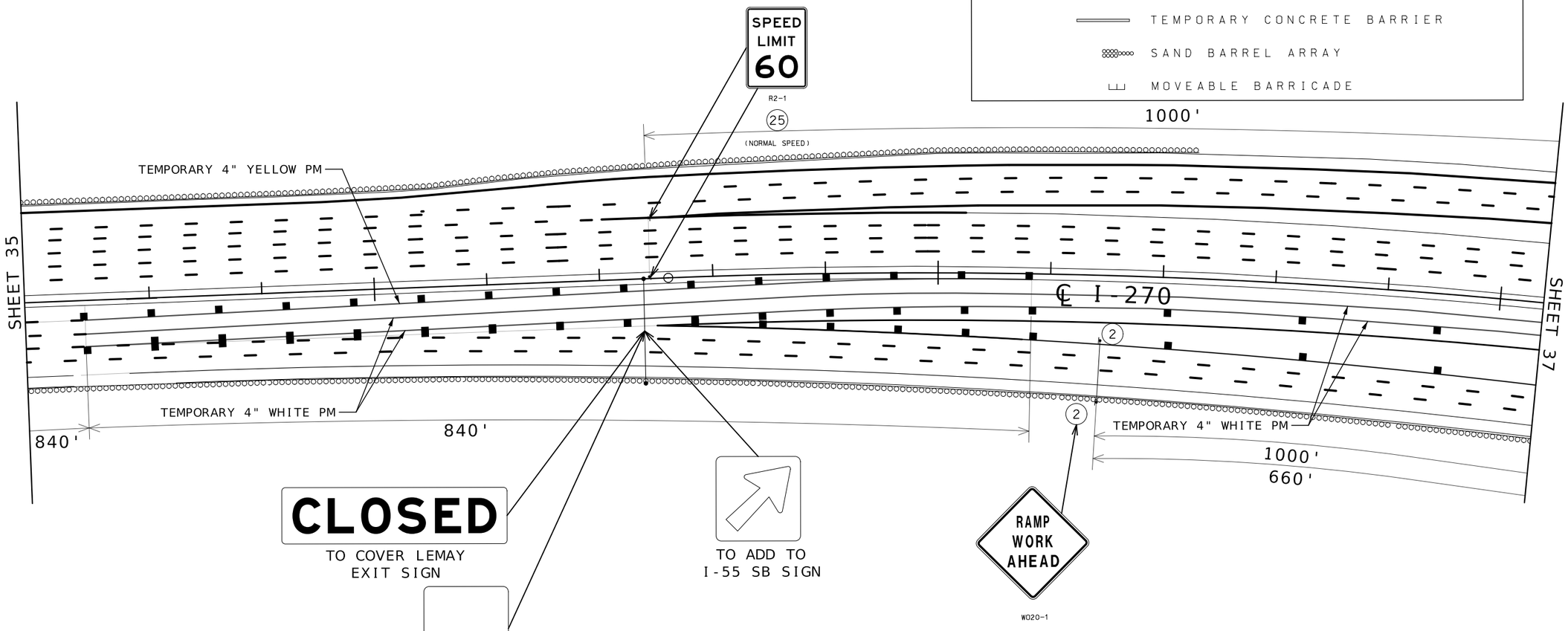
1040

1045

1050

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:33:02 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	36

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 8 OF 20

1055

1060

STA. 1056+32.00 ℄ I-270 =
STA. 29+93.66 ℄ VON TALGE RD.

PC STA. 1058+62.92

TEMPORARY 4" YELLOW PM

CLOSED

1000'

100'

SHEET 36

SHEET 38

A-4877

A-1033

℄ I-270

A-1033

A-4876

TEMPORARY 4" WHITE PM

1000'

660'

TEMPORARY 4" WHITE PM

TEMPORARY 4" YELLOW PM

TEMPORARY 4" WHITE PM

EQUATION:

PT STA. 1052+86.60 BK
STA. 1052+86.12 AH

℄ VON TALGE

RAILROAD

WO1-4R
15

30
MPH

WO13-1
44

SCALE
0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:33:17 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	37

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 9 OF 20

SHEET 48

1065

RAMP Z-1

5+00

500'

6A

10+00

A-4882

6

1075

℄ I-55

CLOSED

TO COVER LEMAY
EXIT SIGN

TO COVER LEMAY
EXIT ARROW

RIGHT
LANE
CLOSED

WO4-2R

350'

TEMPORARY 6"
WHITE PM

RAMP W-1

EXIT

E05-1

TEMPORARY 4" YELLOW PM

TEMPORARY 4" WHITE PM

WO20-6a

00+0

SHEET 37

49

A-1233

150'

SHEET 39

A-1234

105

A-1235

TEMPORARY 4" WHITE PM

0+00

540'

400'

RAMP Y-1

10+00

SCALE
0 50 100 150

CLOSED

TO COVER LEMAY
EXIT SIGN

TEMPORARY 4" YELLOW PM

TEMPORARY 4" WHITE PM

STA. 1073+29.13 ℄ I-255 =
STA. 104+65.02 ℄ I-55

STA. 1074+19.33 ℄ I-255 =
[illegible] N.B.C.D.

5+00

SHEET 47

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:33:35 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	38

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 10 OF 20

)0

108

1085

1090

EQUATION:
PT STA. 1082+29.59 BK =
STA. 1082+99.32 AH

STA. 1
STA. 2

RIGHT LANE
MUST
TURN RIGHT
R3-7R

EXIT
E05-1

840'

TEMPORARY 4" YELLOW PM

45
49

SHEET 38

℄ I-255

SHEET 40

TEMPORARY 4" WHITE PM

840'

RAMP B

A-5082

100'

1000'

400'

480'

SCALE
0 50 100 150

SHEET 47

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:33:50 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	39

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 11 OF 24

1095

1100

ROUTE 61-6

RAMP A

11

200'

2

40

BRIDGE WORK AHEAD

W020-1

W03-2

400'

230

W04-1R

YIELD

R1-2

13

840'

840'

840'

.097+63.31 ℄ I-255=
234+58.54 ℄ LEMAY FERRY RD.

℄ LEMAY FERRY ROAD

SHEET 39

UTILITY BRIDGE

SHEET 41

℄ I-255

A-1232

25

25

1000'

235

SPEED LIMIT 60

R2-1

25

(NORMAL SPEED)

0+00

5+00

RAMP B

SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:33:59 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	40

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

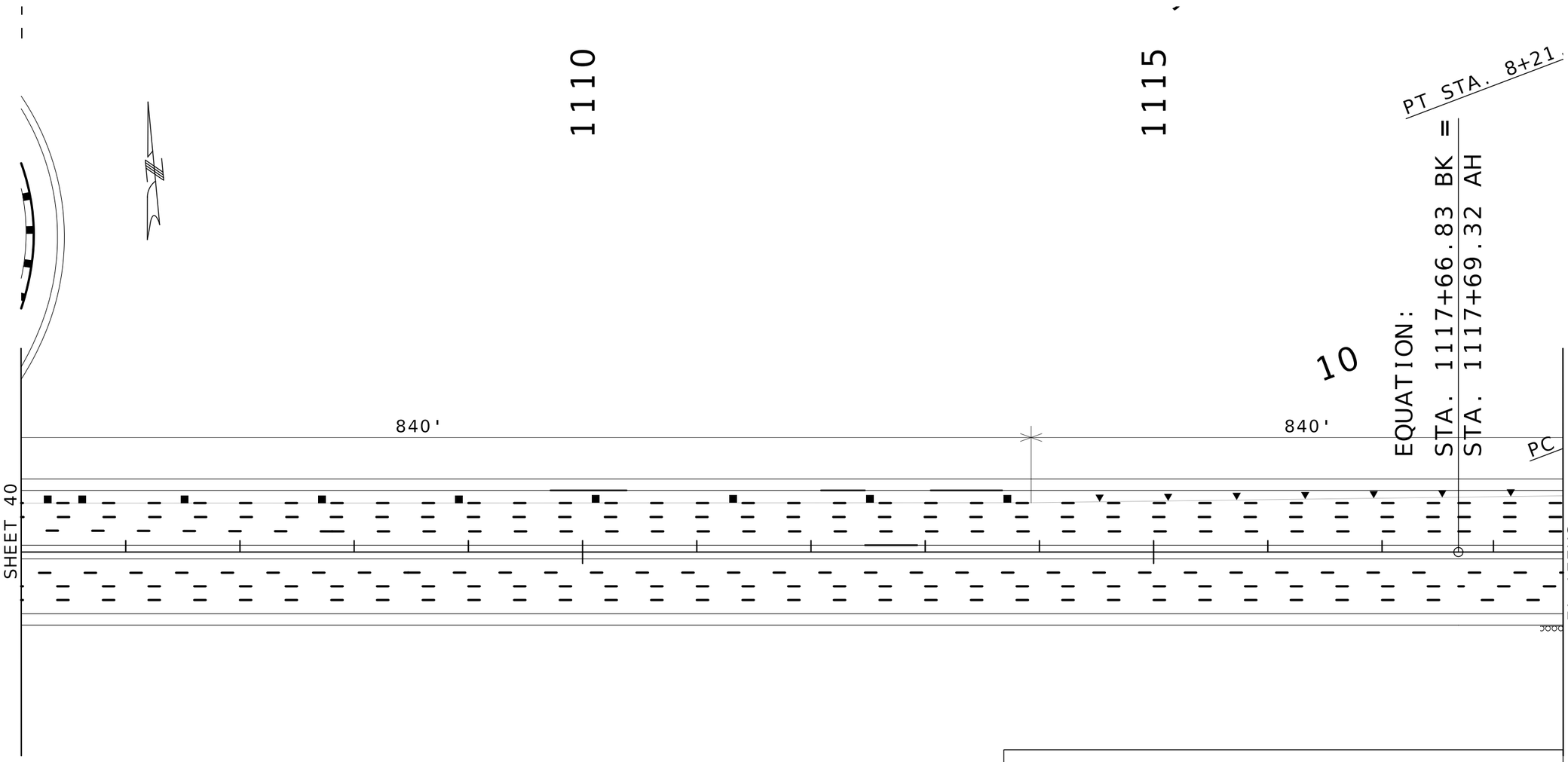
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 12 OF 24



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:34:08 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	41

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

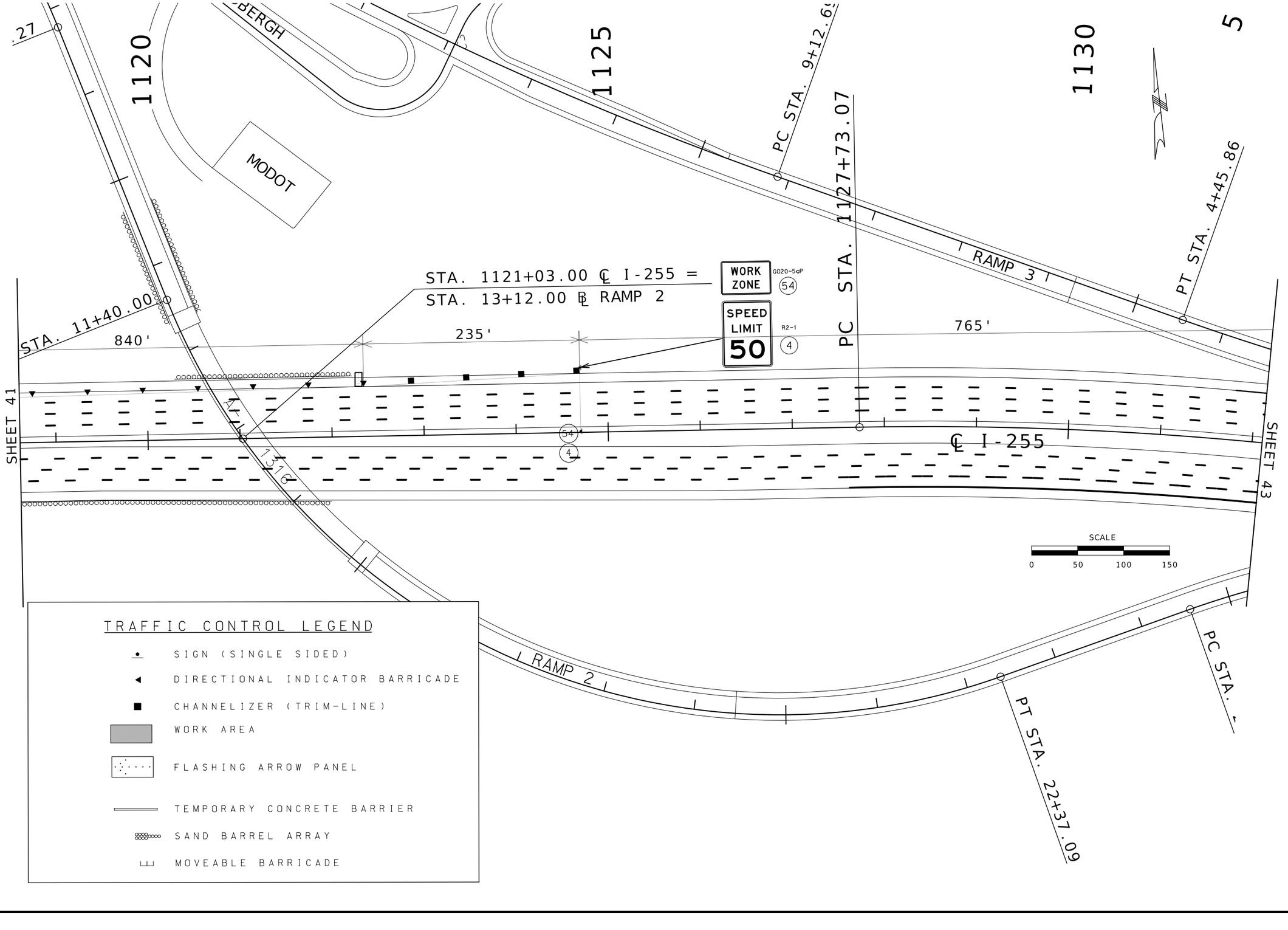
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 13 OF 24



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:34:17 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	42

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

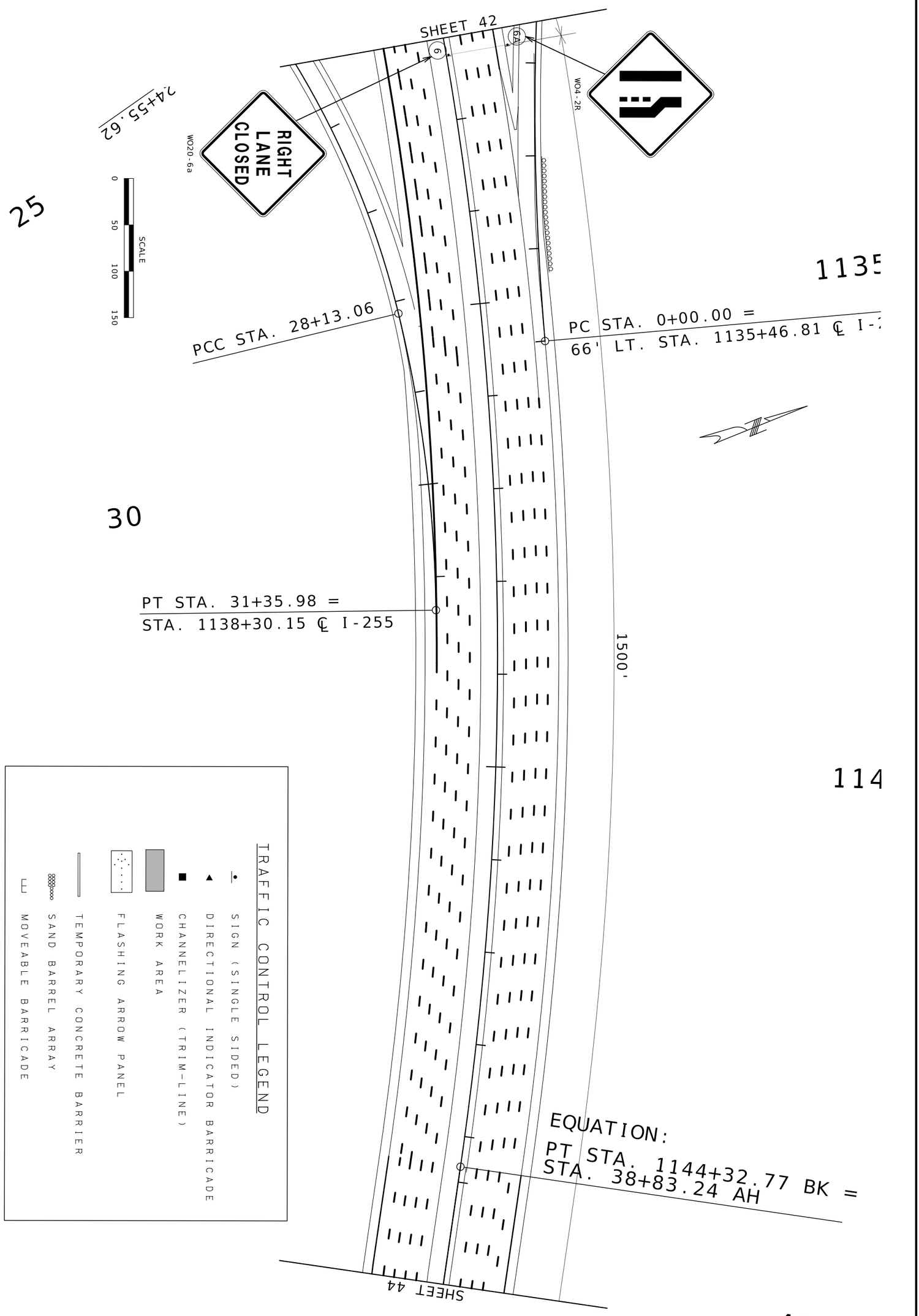
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 14 OF 24



TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 15 OF 24

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.
JOB NO.
JSL0053

COUNTY
ST.LOUIS

DISTRICT
SL

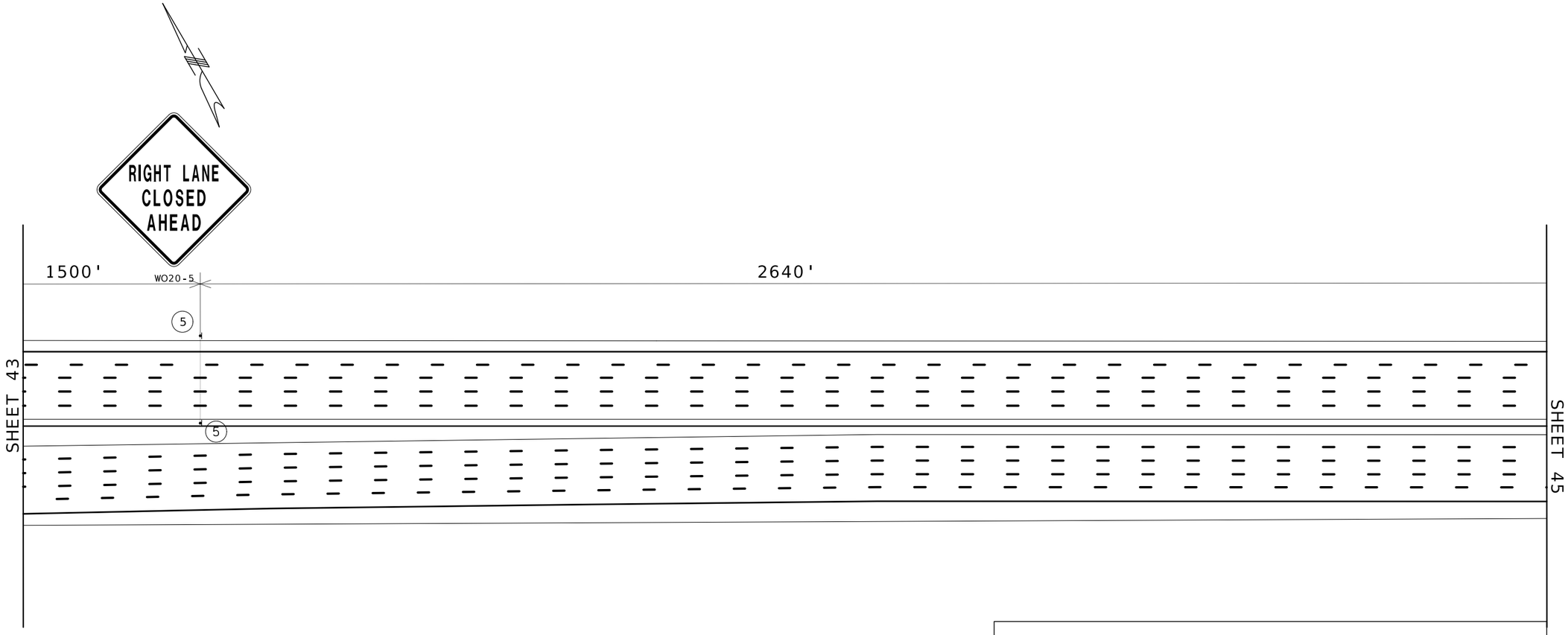
SHEET NO.
43

ROUTE
I-255

STATE
MO

DATE PREPARED
10/2/2026

STATE OF MISSOURI
ROBERT MANUEL ROBINSON
MANAGER
PE-2009019687
PROFESSIONAL ENGINEER



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:34:39 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	44

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

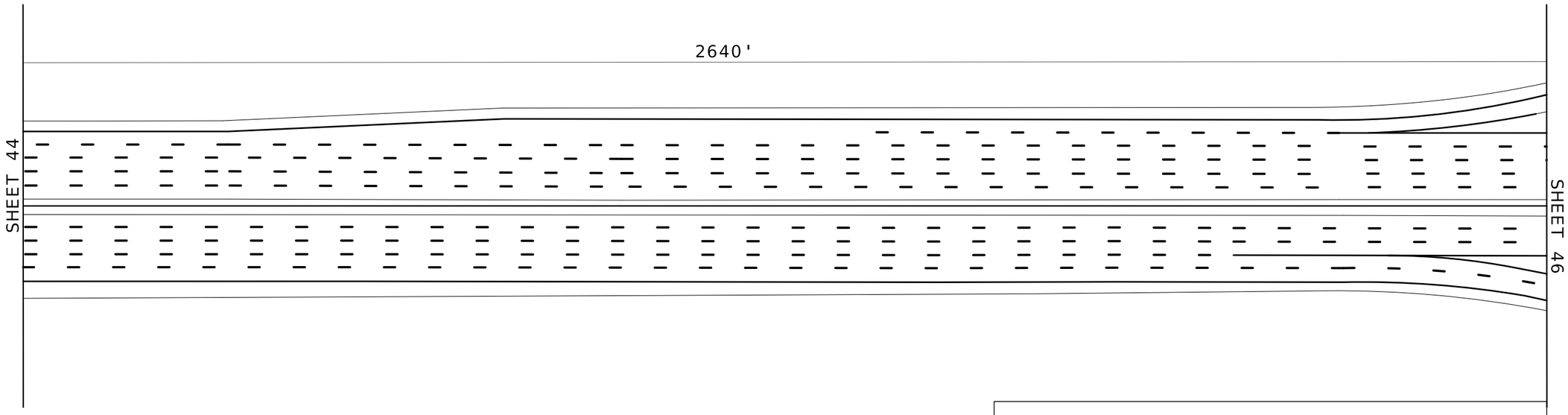
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 16 OF 24



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:34:50 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	45

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

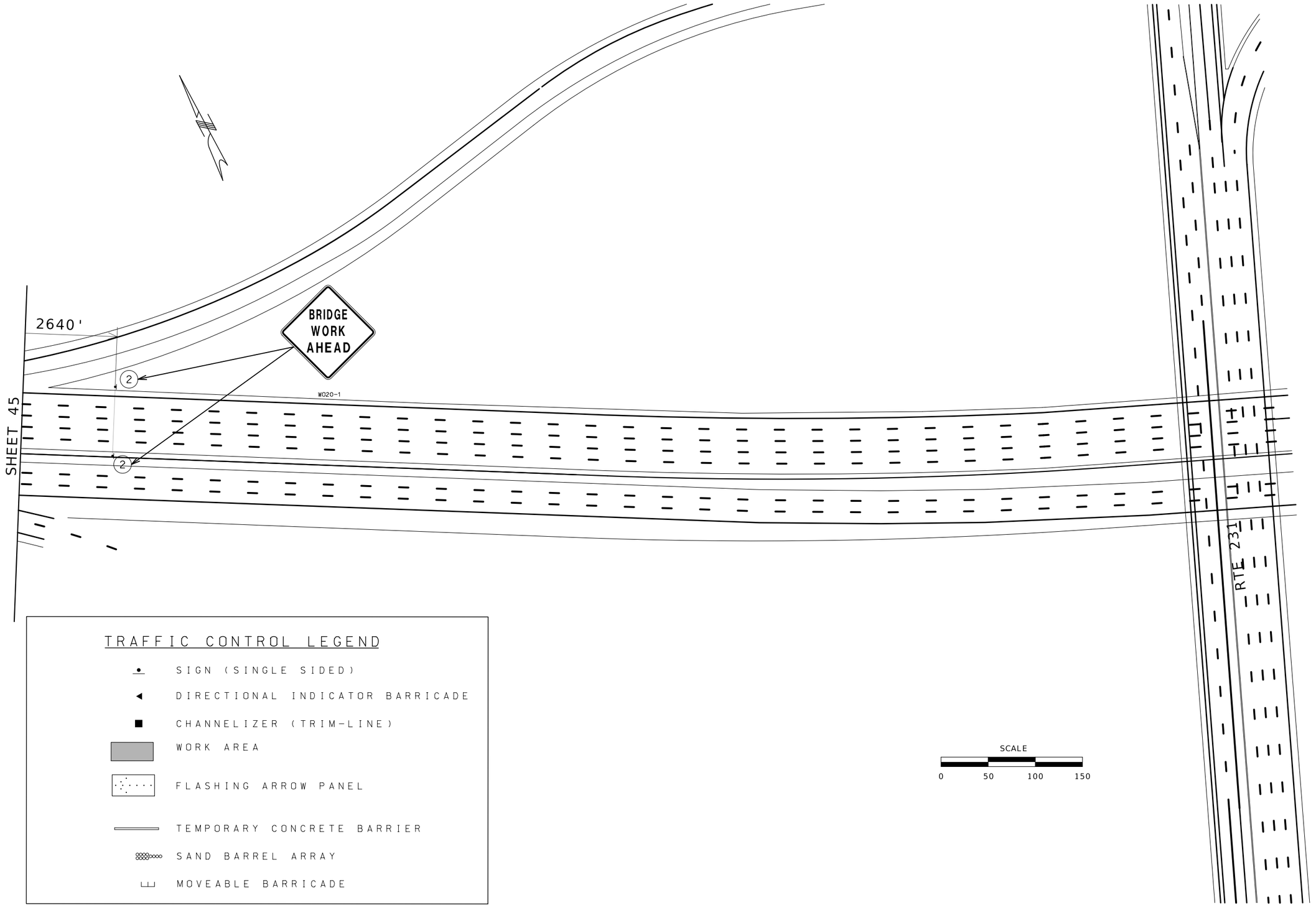
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 17 OF 24



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

SCALE

0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:35:01 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	46

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

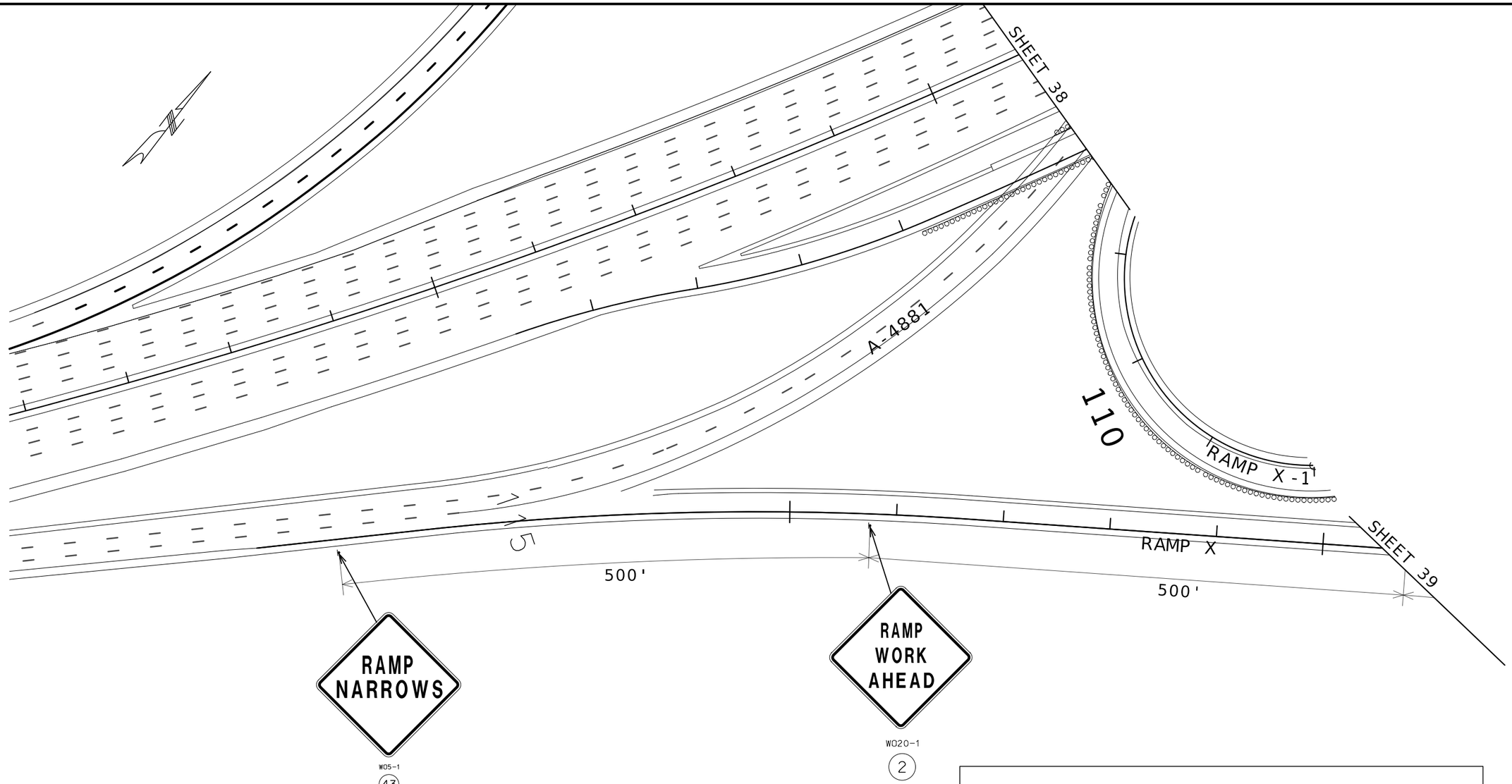
BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 18 OF 24



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:35:16 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	47

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

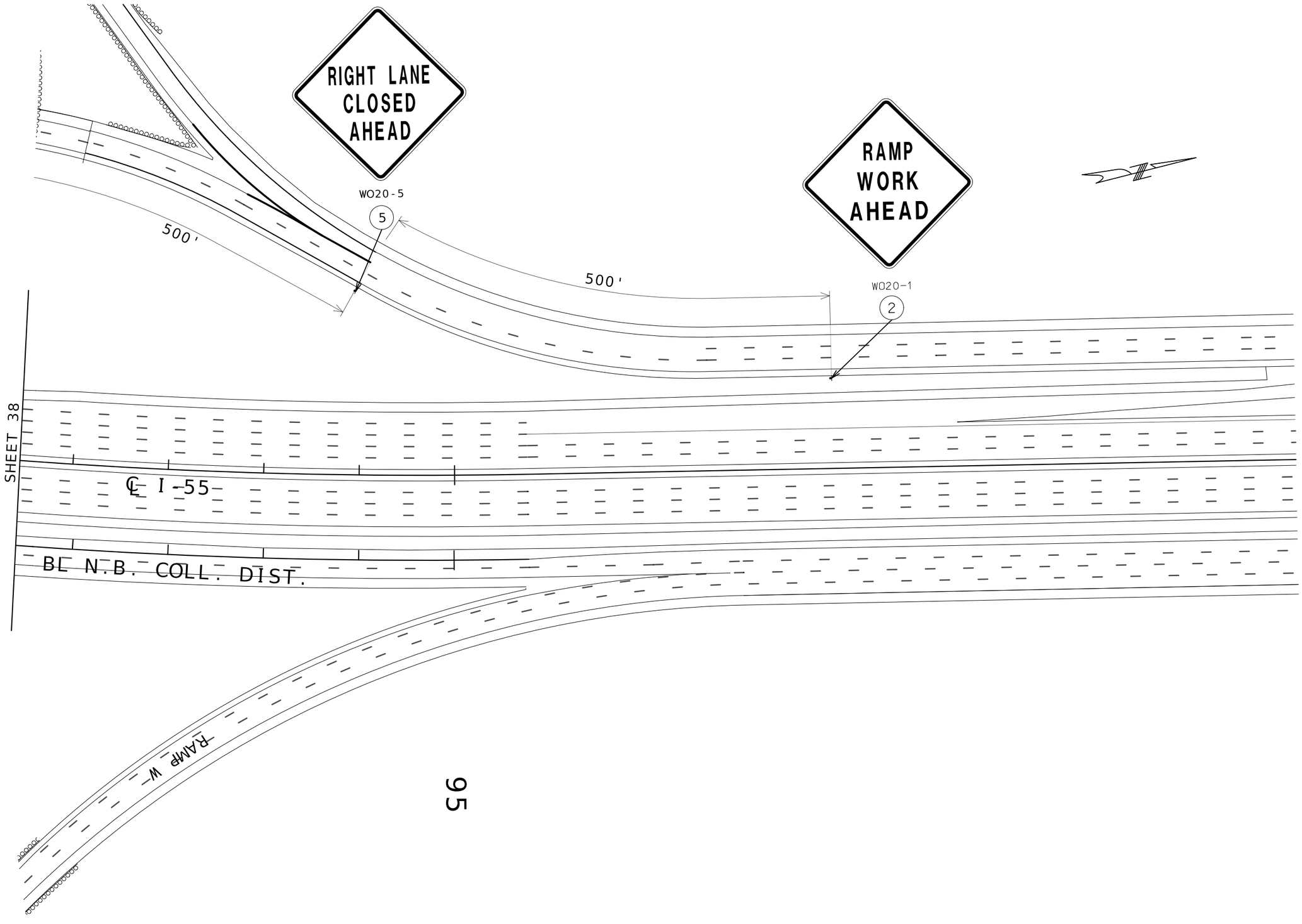
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

MoDOT

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 19 OF 20



95

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:35:25 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	48

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

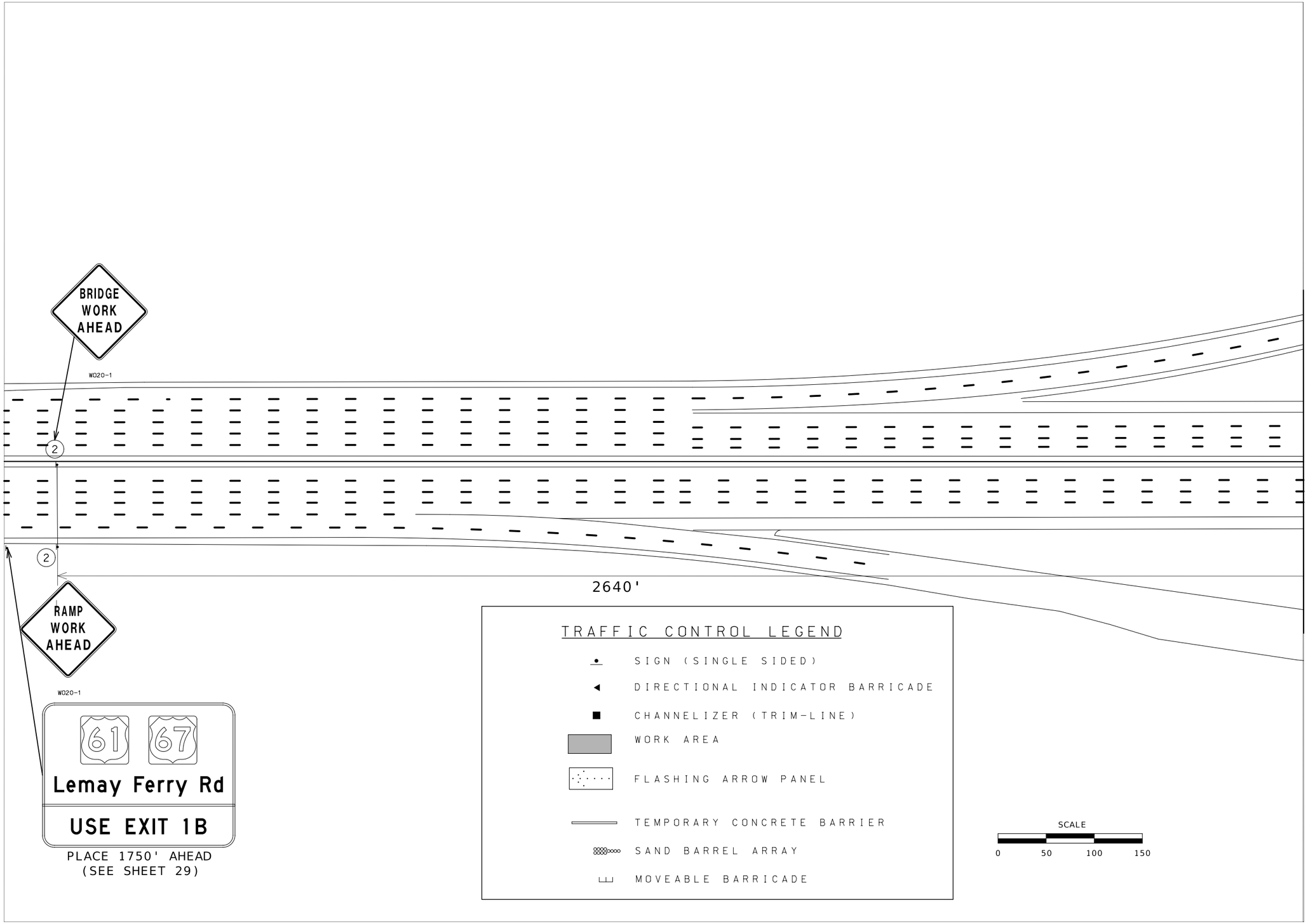
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - DAY
SHEET 20 OF 20



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:38:28 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	49

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

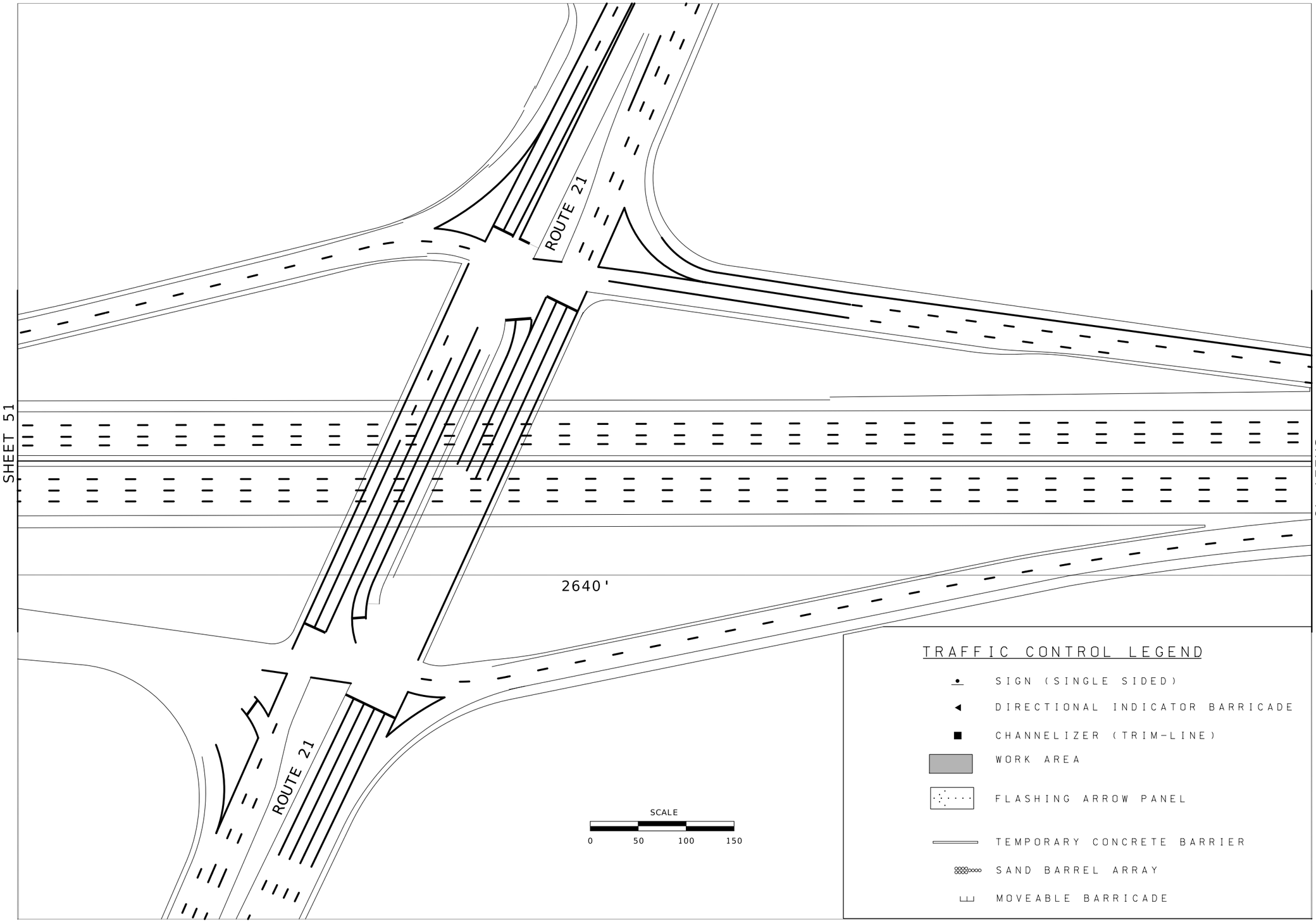
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 1 OF 22

Unnamed Plan = Plan1 + Output1 + Output1
Plan1 + Output1 + Output1
11807



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:38:36 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	50

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

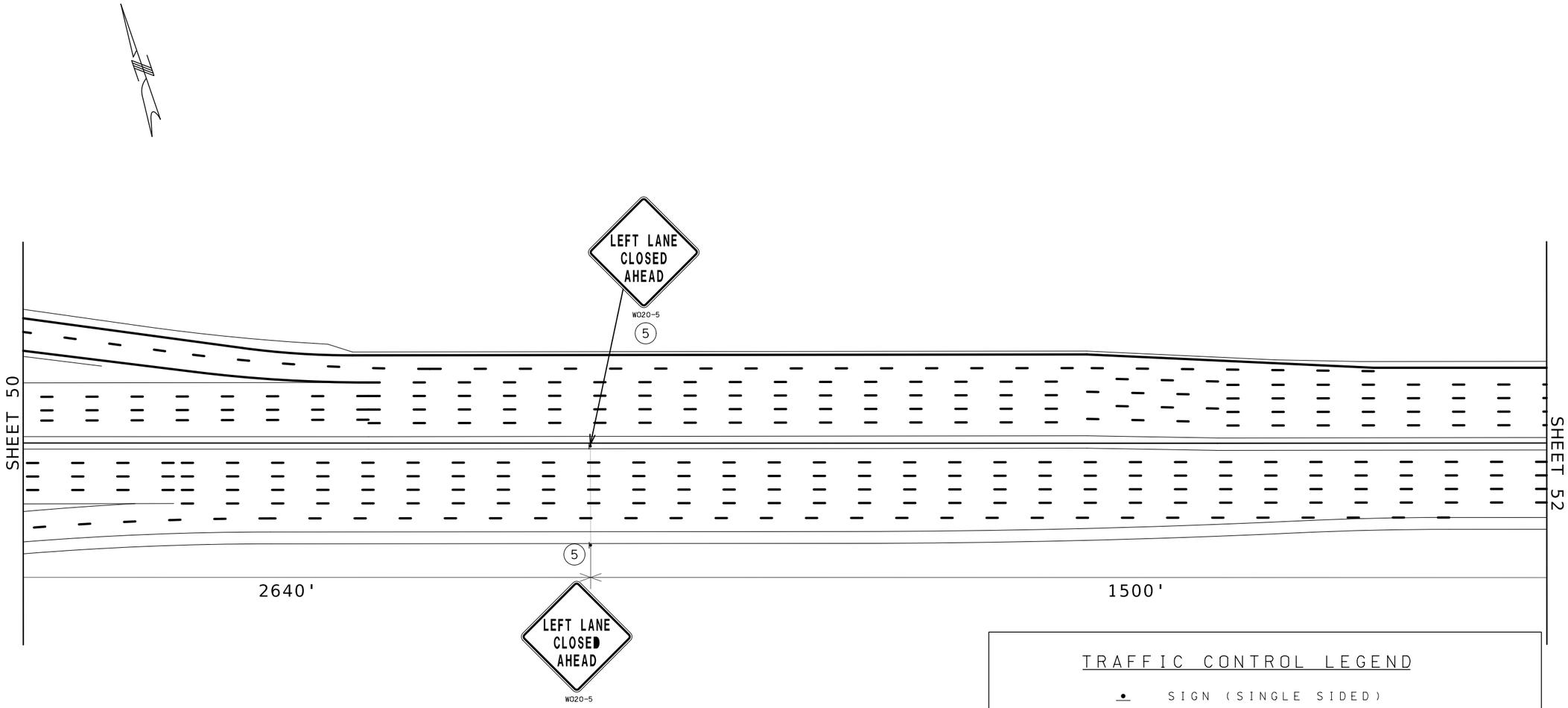
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 2 OF 22



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:38:43 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	51

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

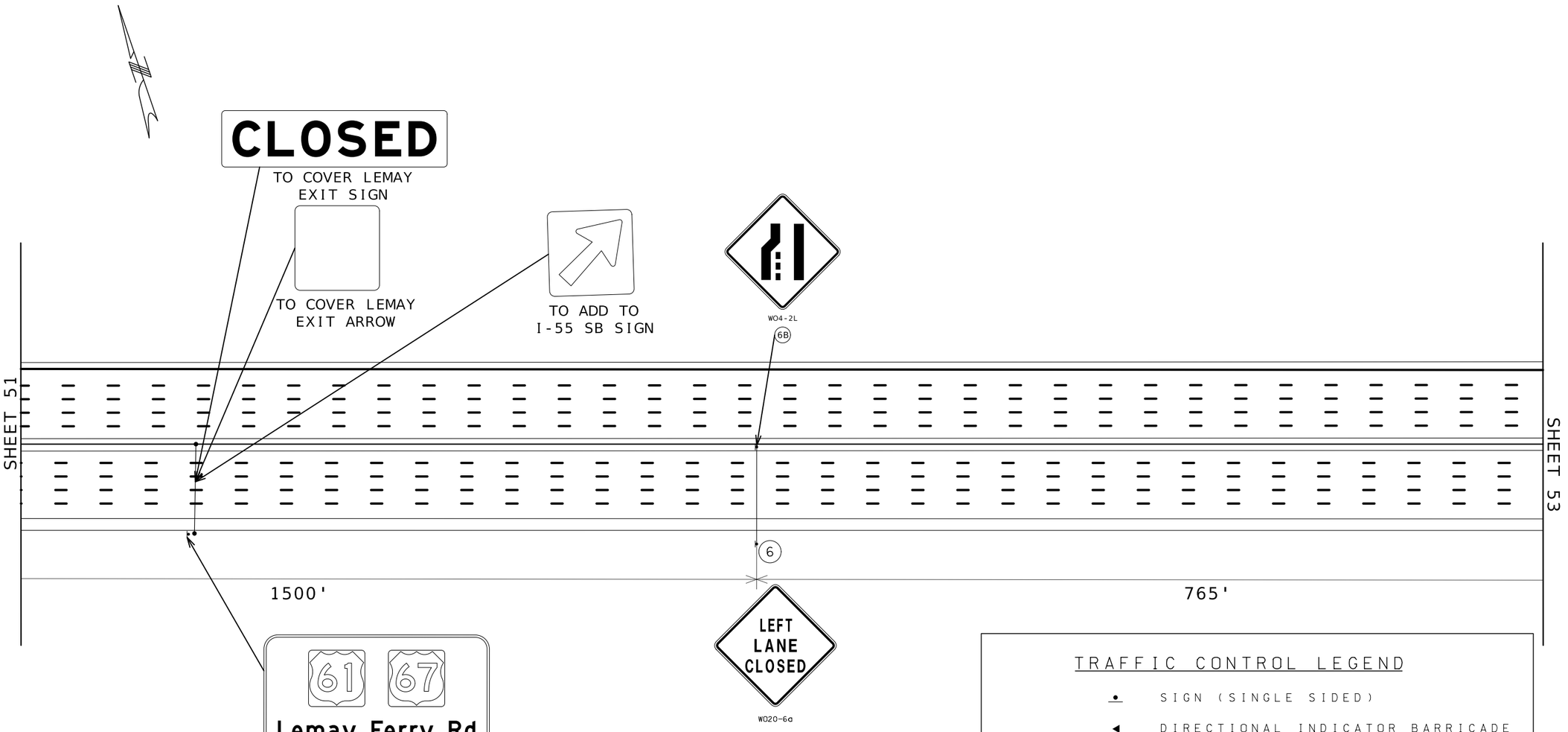
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 3 OF 22



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:38:53 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	52

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

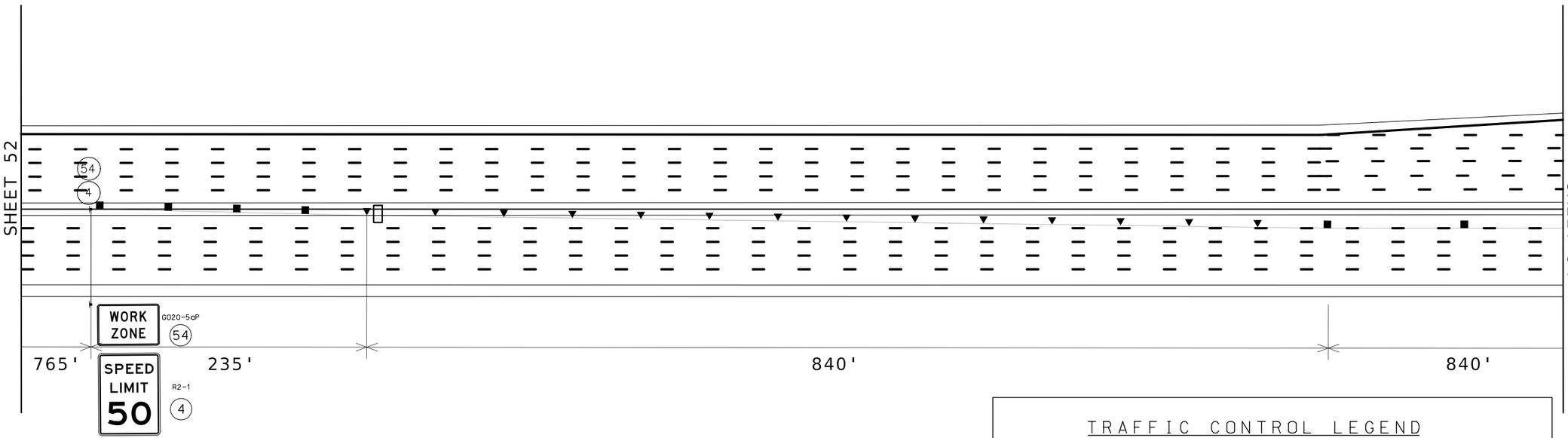
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 4 OF 22



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:39:09 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	53

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

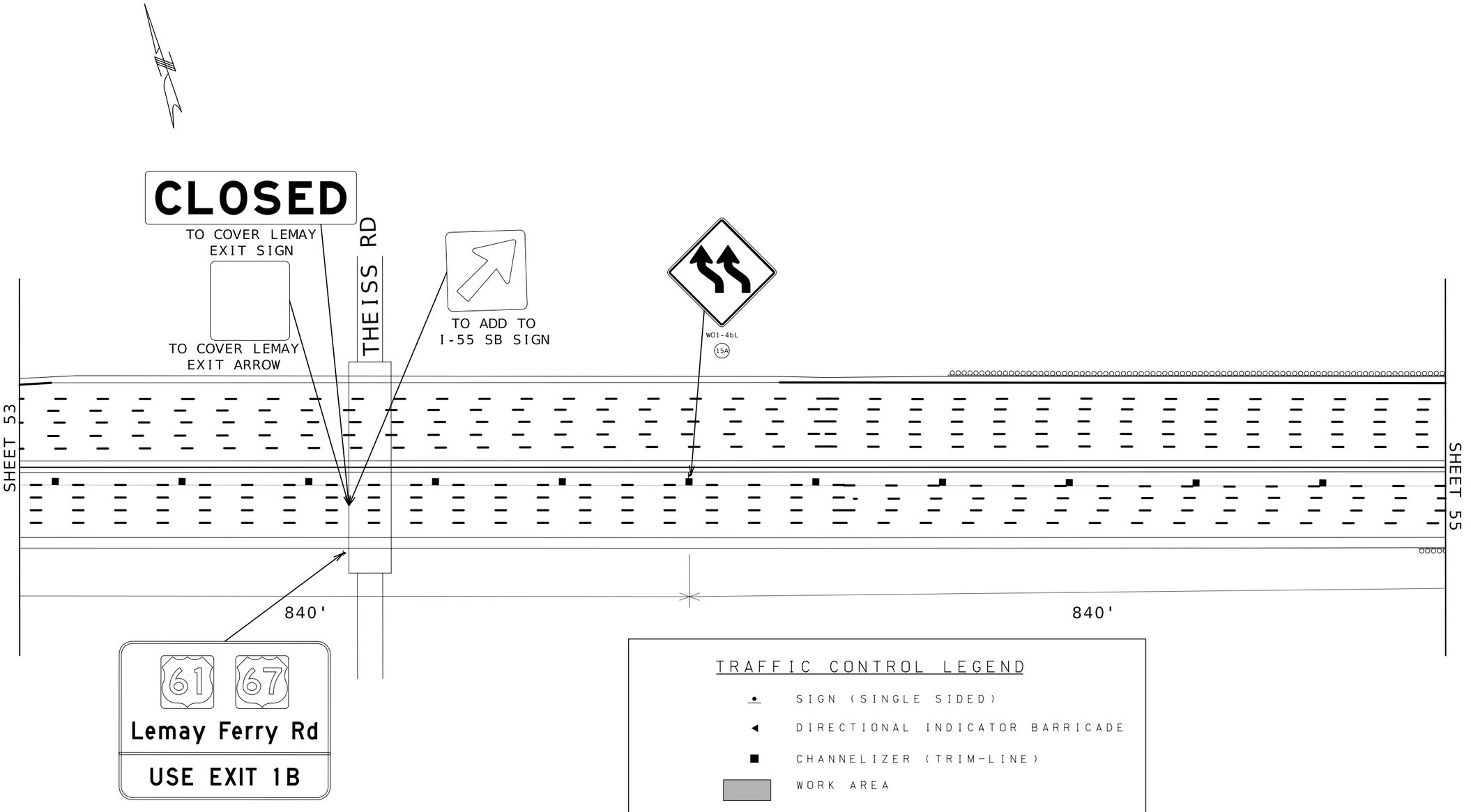
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 5 OF 22



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:39:22 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	54

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 6 OF 22

1040

1045

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

1000'

SPEED LIMIT 60

R2-1

25

(NORMAL SPEED)

TEMPORARY 4" YELLOW PM

SHEET 54

SHEET 56

℄ I-270

840'

TEMPORARY 4" WHITE PM

840'

660'

TEMPORARY 4" WHITE PM

840'

CLOSED

TO COVER LEMAY EXIT SIGN

TO COVER LEMAY EXIT ARROW

SCALE

0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:39:38 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO

DISTRICT	SHEET NO.
SL	55

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 7 OF 22

1050

1055

PC STA. 1058+62.92

1060

STA. 1056+32.00 ℄ I-270 =
STA. 29+93.66 ℄ VON TALGE RD.

1000'

100'

100'

CLOSED

TEMPORARY 4" YELLOW PM

A-4877

A-1033

℄ I-270

SHEET 55

SHEET 57

A-1033

A-4876

TEMPORARY 4" WHITE PM

TEMPORARY 4" WHITE PM

660'

840'

℄ VON TALGE

RAILROAD

SCALE

0 50 100 150

EQUATION:

PT STA. 1052+86.60 ℄ BK

STA. 1052+86.12 AH

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:39:58 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO

DISTRICT	SHEET NO.
SL	56

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 8 OF 22

SHEET 68

1065

RAMP Z-1

5+00

10+00

SCALE
0 50 100 150

A-4882

℄ I-55

1075

RAMP W-1

EXIT

TEMPORARY 4" YELLOW PM

0+00

E05-1

49

A-1233

A-1234

A-1235

105

TEMPORARY 4"
YELLOW PM

TO COVER
LEMAY EXIT
ARROW

SHEET 56

SHEET 58

TEMPORARY 6" WHITE PM

0+00

TEMPORARY 6"
WHITE PM

WORK ZONE

G020-5aP

54

SPEED LIMIT 40

R2-1

4

CLOSED

TO COVER LEMAY
EXIT SIGN

TO COVER LEMAY
EXIT ARROW

STA. 1073+29.13 ℄ I-255 =
STA. 104+65.02 ℄ I-55

STA. 1074+19.33 ℄ I-255 =
STA. 00+00 B N.B.C.D.

SHEET 67

RAMP Y-

10+00

CLOSED

TO COVER LEMAY
EXIT SIGN

5x

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
10/05/2026 2:40:10 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	57

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

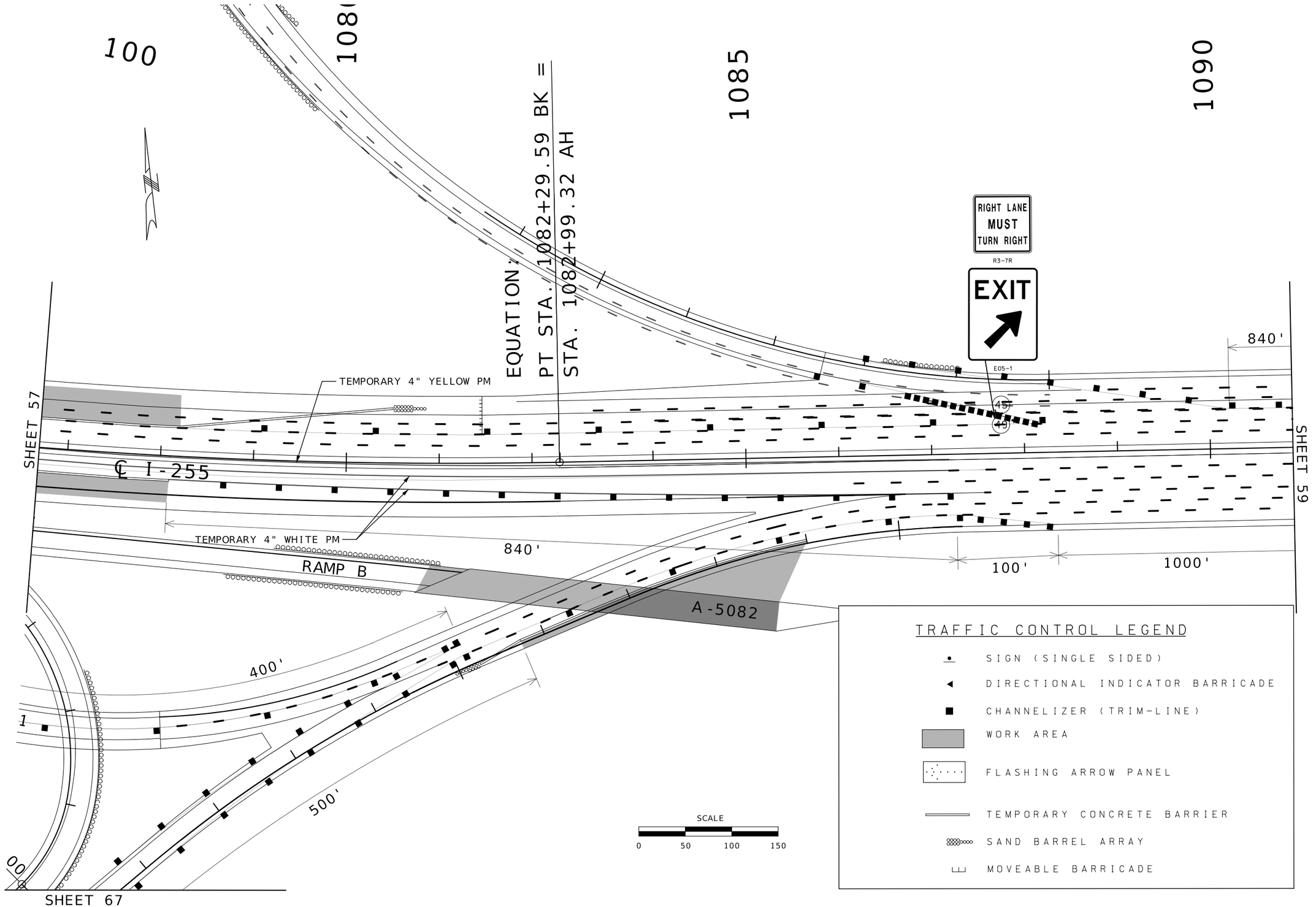
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 9 OF 22



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:40:19 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	58

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 10 OF 22

STA. 1097+63.31 ℄ I-255=
STA. 234+58.54 ℄ LEMAY FERRY RD.

1095

1100

ROUTE 61-6

RAMP

200'

BRIDGE WORK AHEAD

W020-1

℄ LEMAY FERRY ROAD

230

840'

400'

YIELD

W04-1R

R1-2

840'

840'

UTILITY BRIDGE

SHEET 58

SHEET 60

℄ I-255

A-1232

25

25

SPEED LIMIT 60

R2-1

(NORMAL SPEED)

1000'

235

0+00

5+00

RAMP B

SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:40:28 PM
STUART ROBINSON MCNEIL-CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	59

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 11 OF 22

SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:40:54 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	60

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 12 OF 22

. 8+21.27

1120

BERGH

MODOT

1125

PC STA. 9+12.69

1130

PC STA. 11+27+73.07

RAMP 3

PT STA. 41+

STA. 1121+03.00 ℄ I-255 =
STA. 13+12.00 ℄ RAMP 2

WORK ZONE G020-5aP (54)

SPEED LIMIT 50 R2-1 (4)

PC STA. 11+40.00

840'

235'

765'

SHEET 60

1316'

54

4

℄ I-255

SHEET 62

RAMP 2

PT STA. 22+37.09

SCALE
0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
10/05/2026 2:41:20 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	61

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

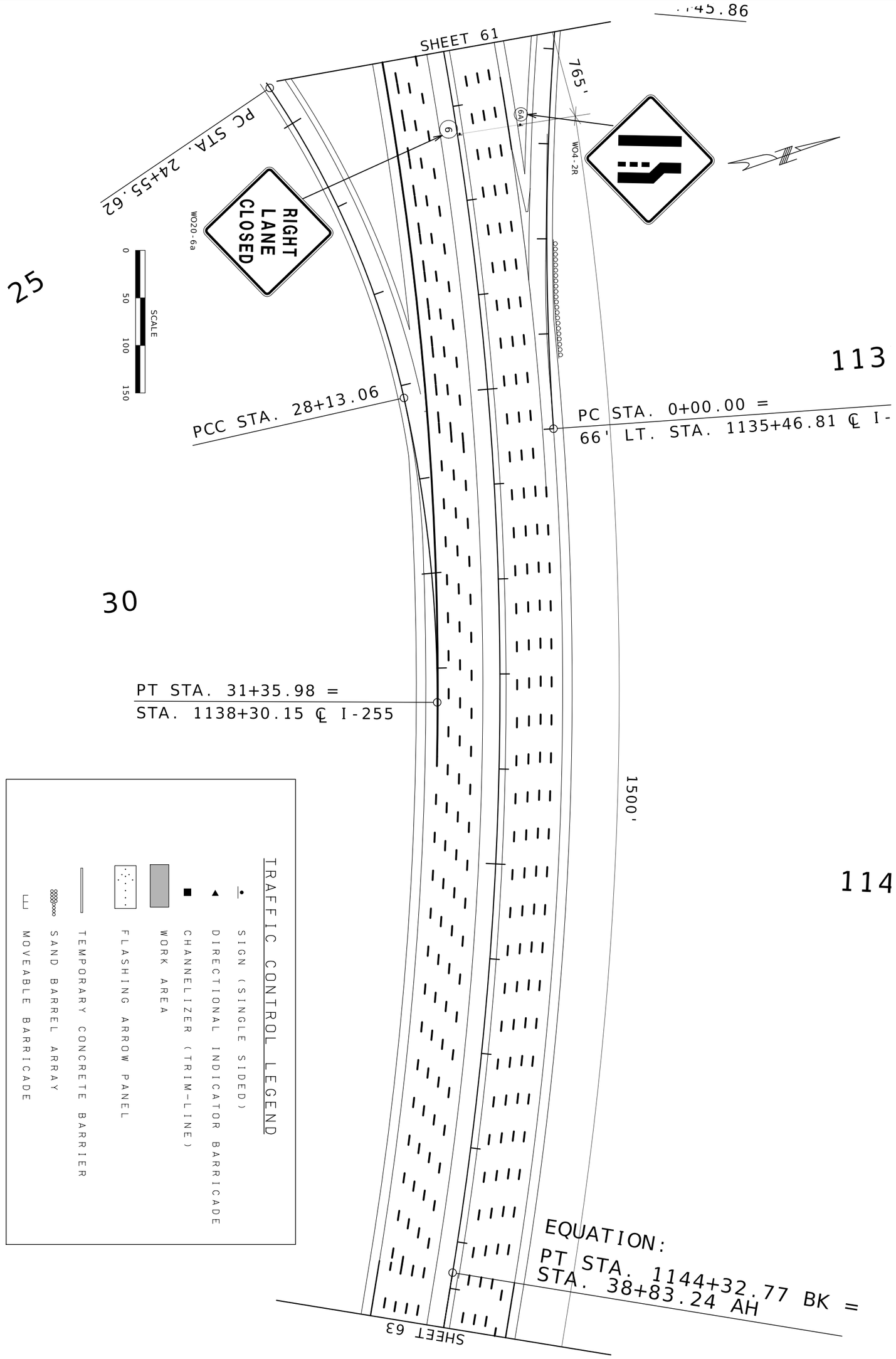
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 13 OF 34



TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 14 OF 34

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID.
JSL0053

JOB NO.
ST.LOUIS

COUNTY
SL

DISTRICT

SHEET NO.
62

STATE
MO

ROUTE
I-255

DATE PREPARED
10/2/2026

STATE OF MISSOURI
BRADLEY ROBINSON MICHAEL
NUMBER PE-2009019987
PROFESSIONAL ENGINEER
STUART.ROBINSON@MODOT.MO.GOV
MO-PE-2009019987
2025.10.02 14:33:29 PM
CIVIL

40





2640'

WO20-5

5

5

SHEET 62

SHEET 64

SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:41:43 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	63

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

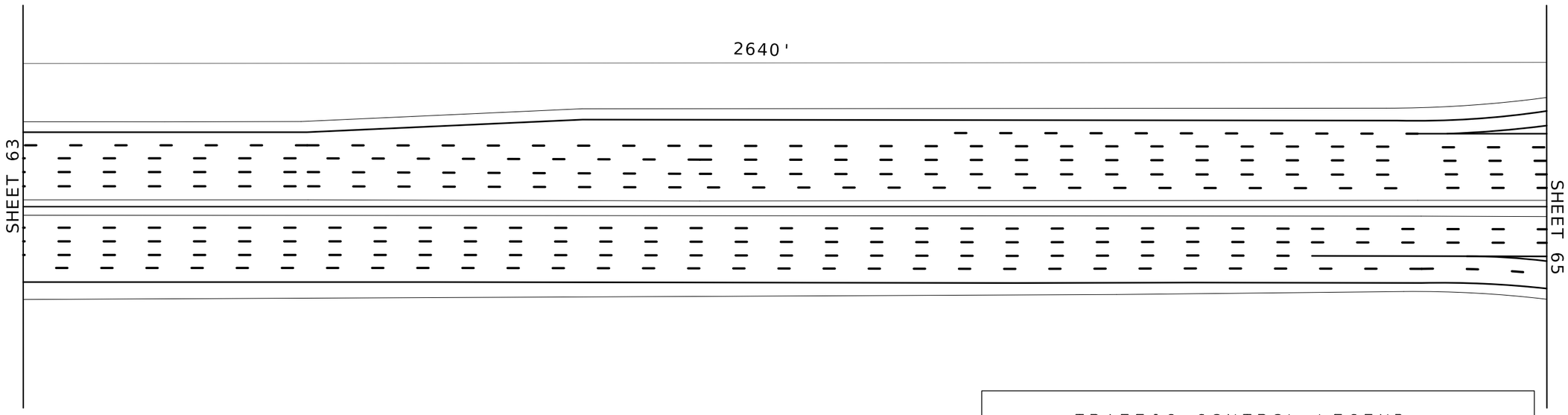
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 15 OF 22



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:41:52 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	64

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

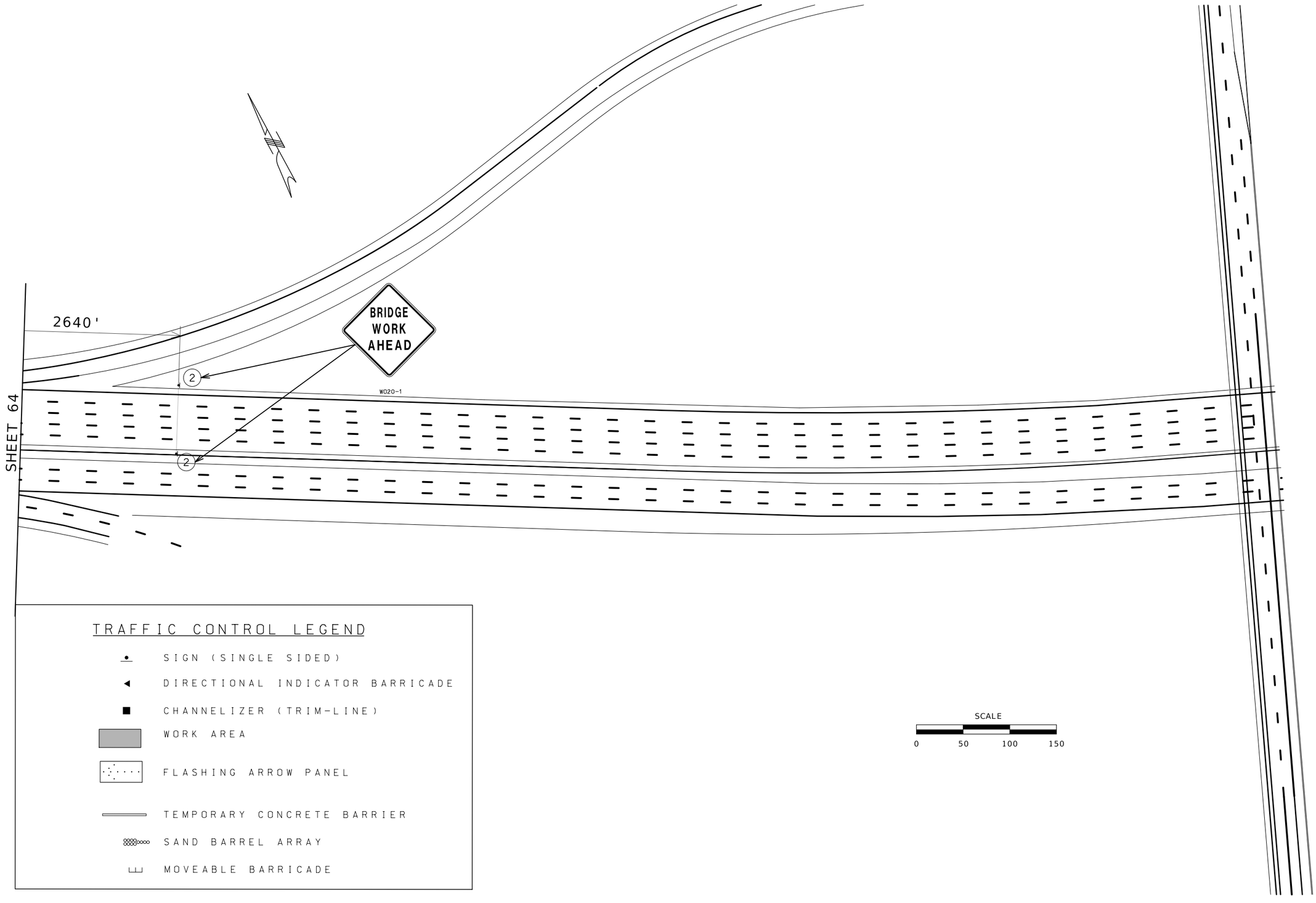
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 16 OF 22



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

SCALE

0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:41:59 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	65

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

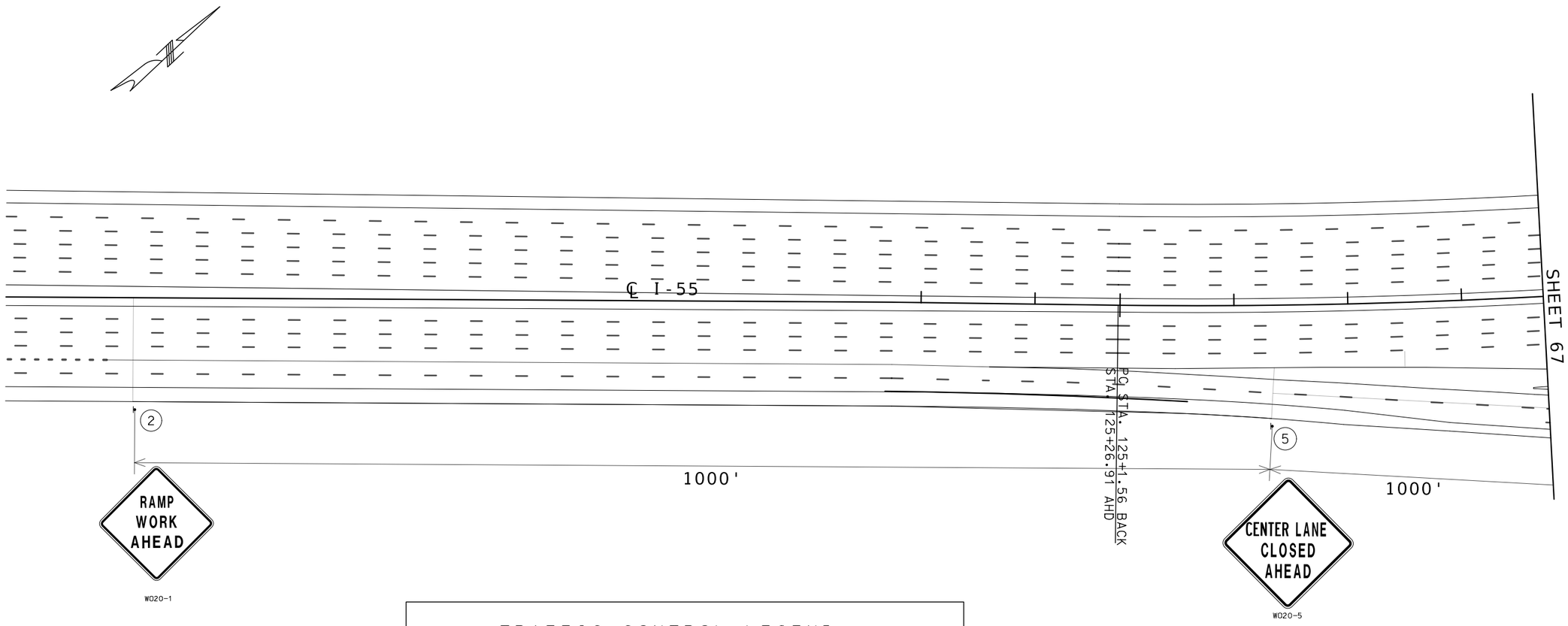
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 17 OF 22



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

SCALE

0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:42:09 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	66

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

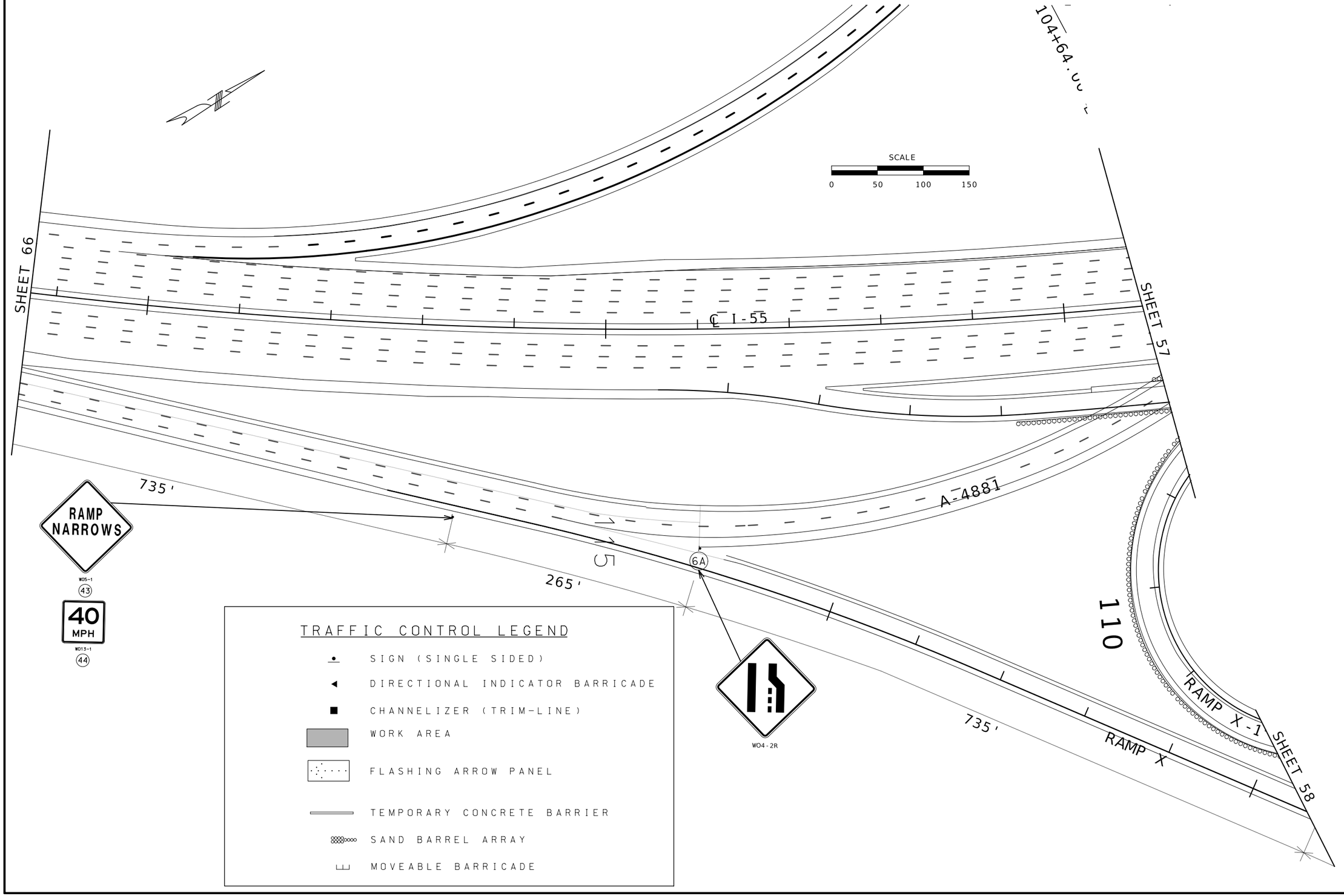
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 18 OF 22



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:42:20 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	67

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

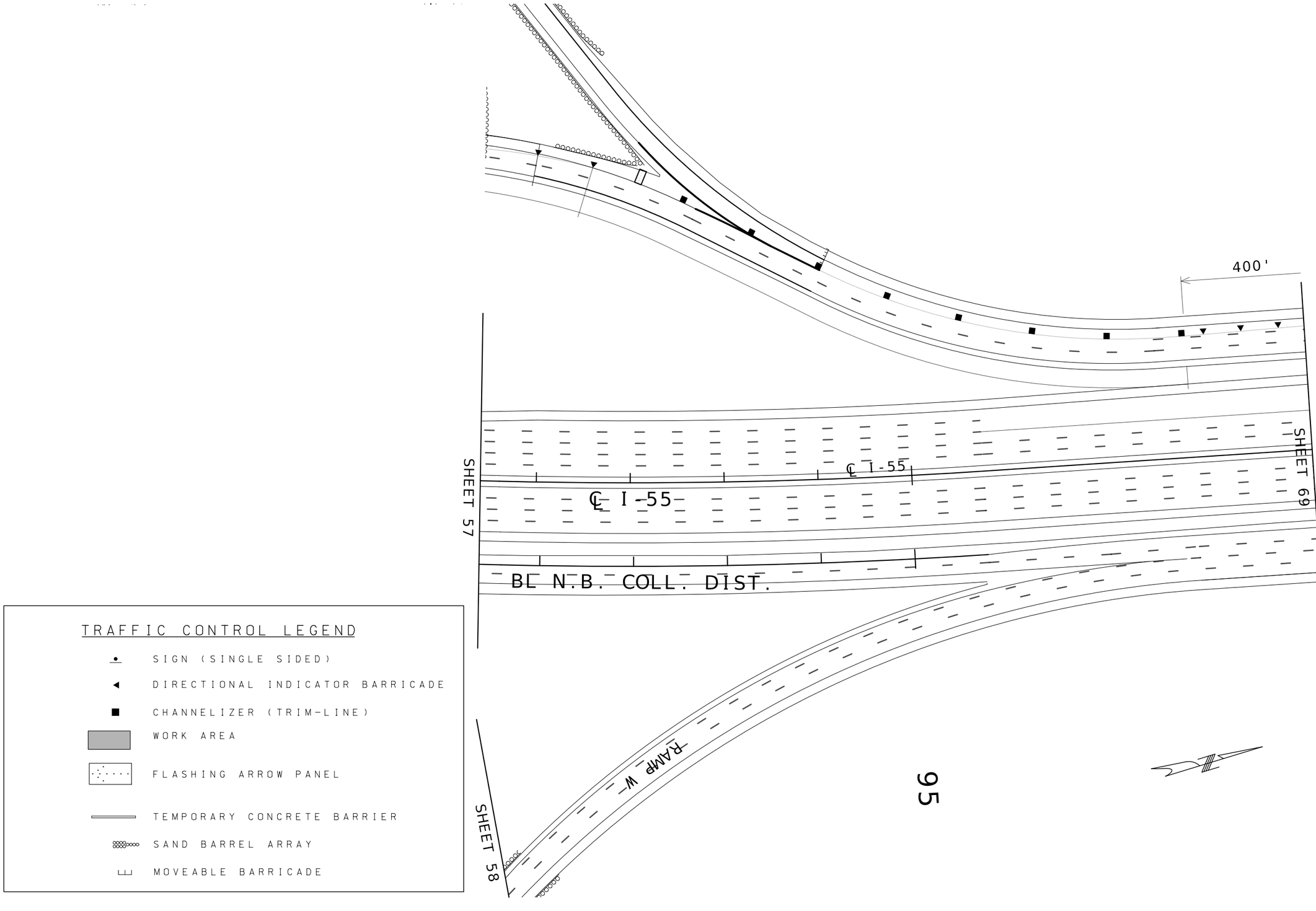
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 19 OF 22



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:42:31 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	68

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

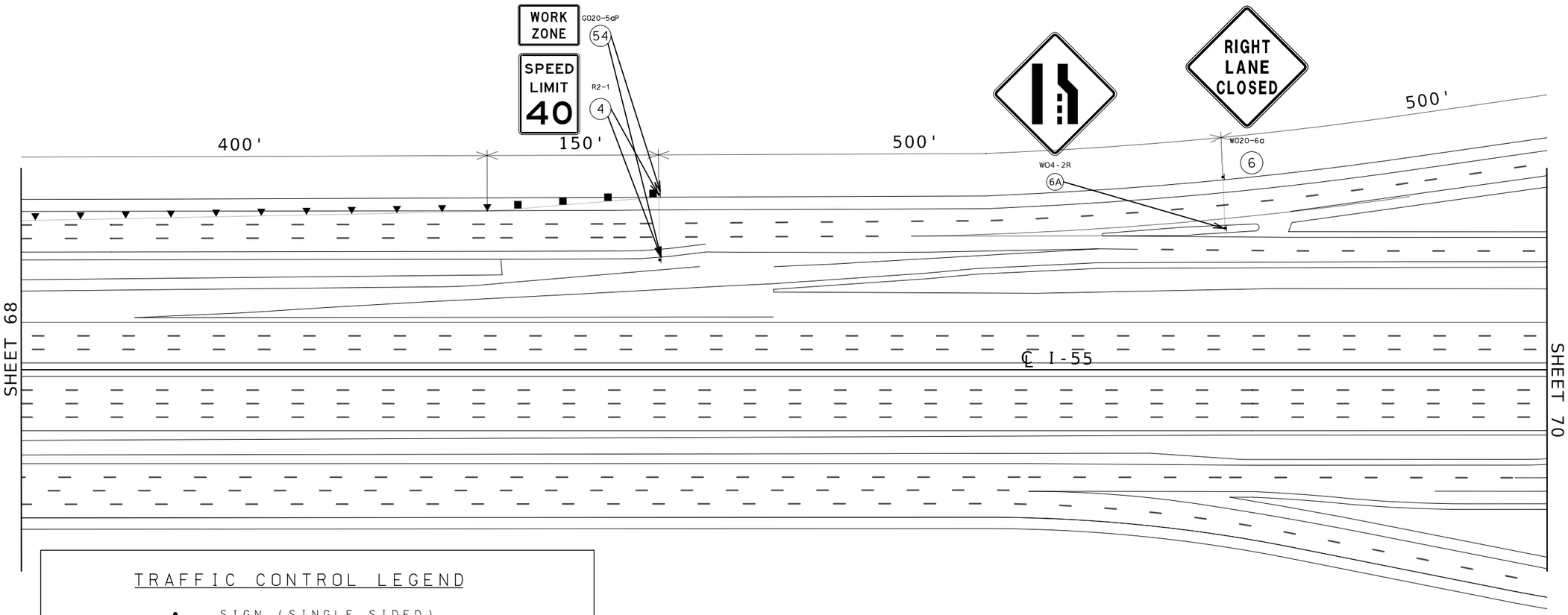
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 20 OF 22



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

SCALE

0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/07/2026 9:52:12 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/7/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	69

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

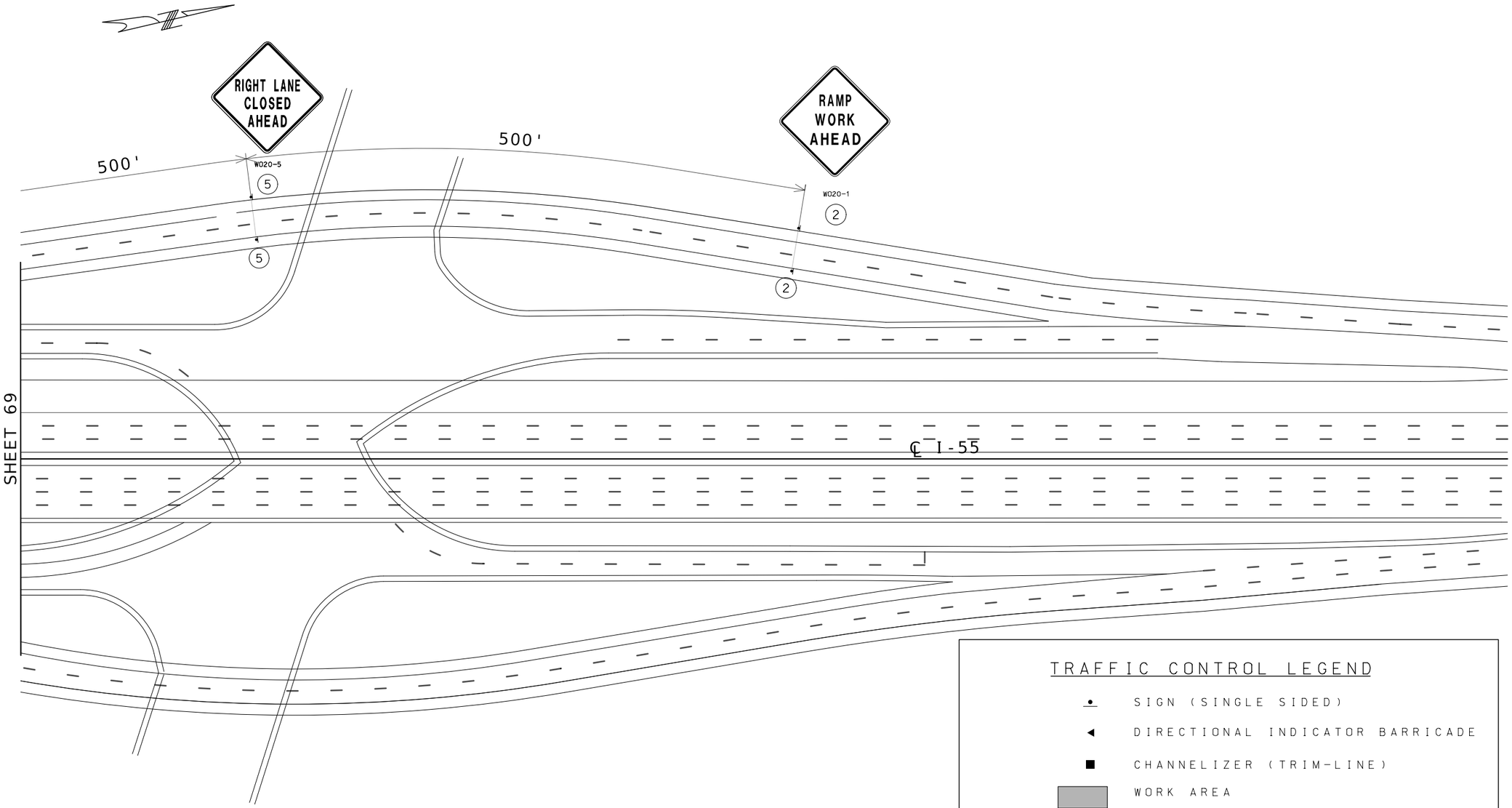
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 21 OF 22



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:42:47 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	70

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

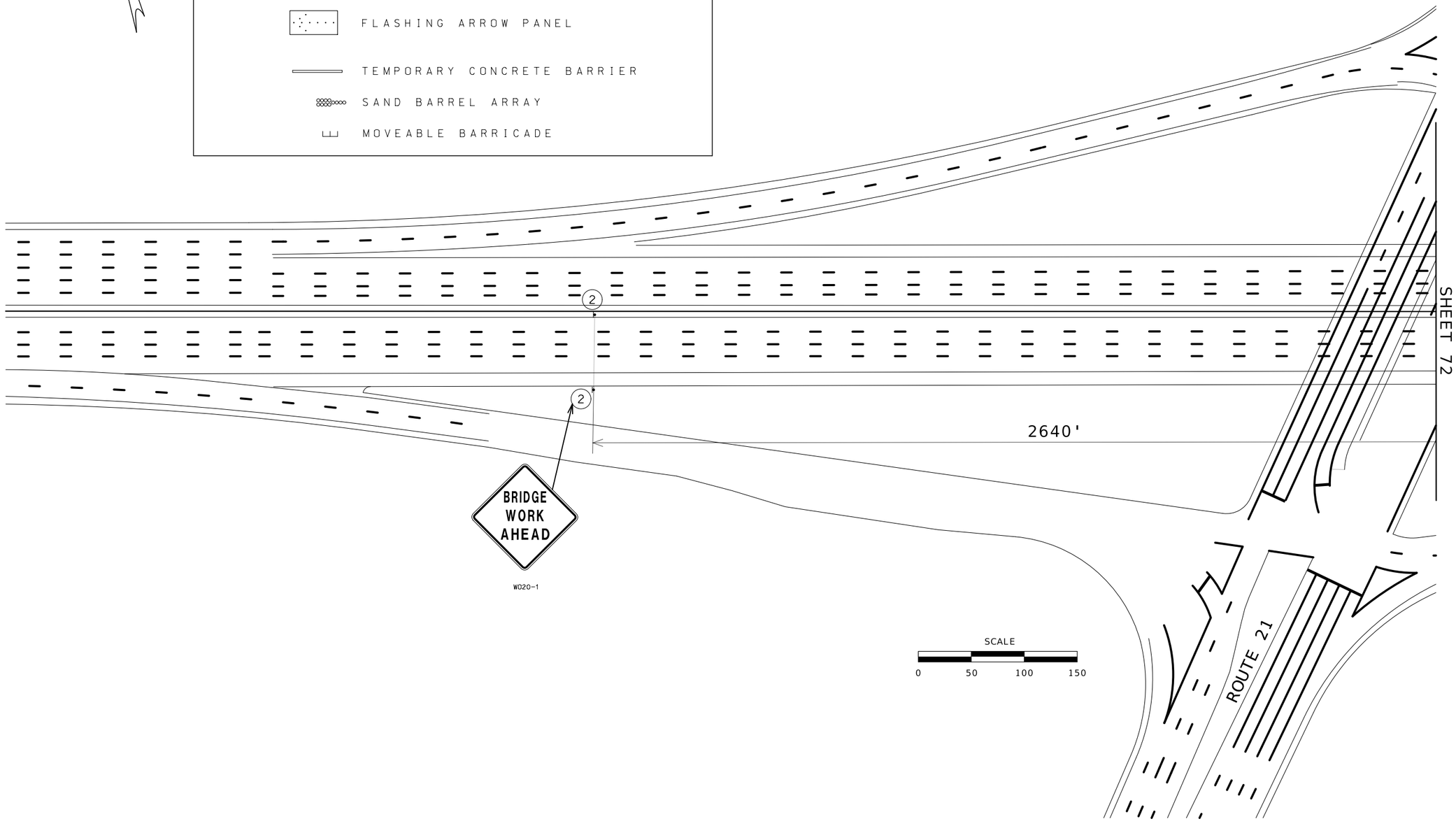
DESCRIPTION	DATE

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

TRAFFIC CONTROL
STAGE 1 - NIGHT
SHEET 22 OF 22

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:57:31 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	71

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

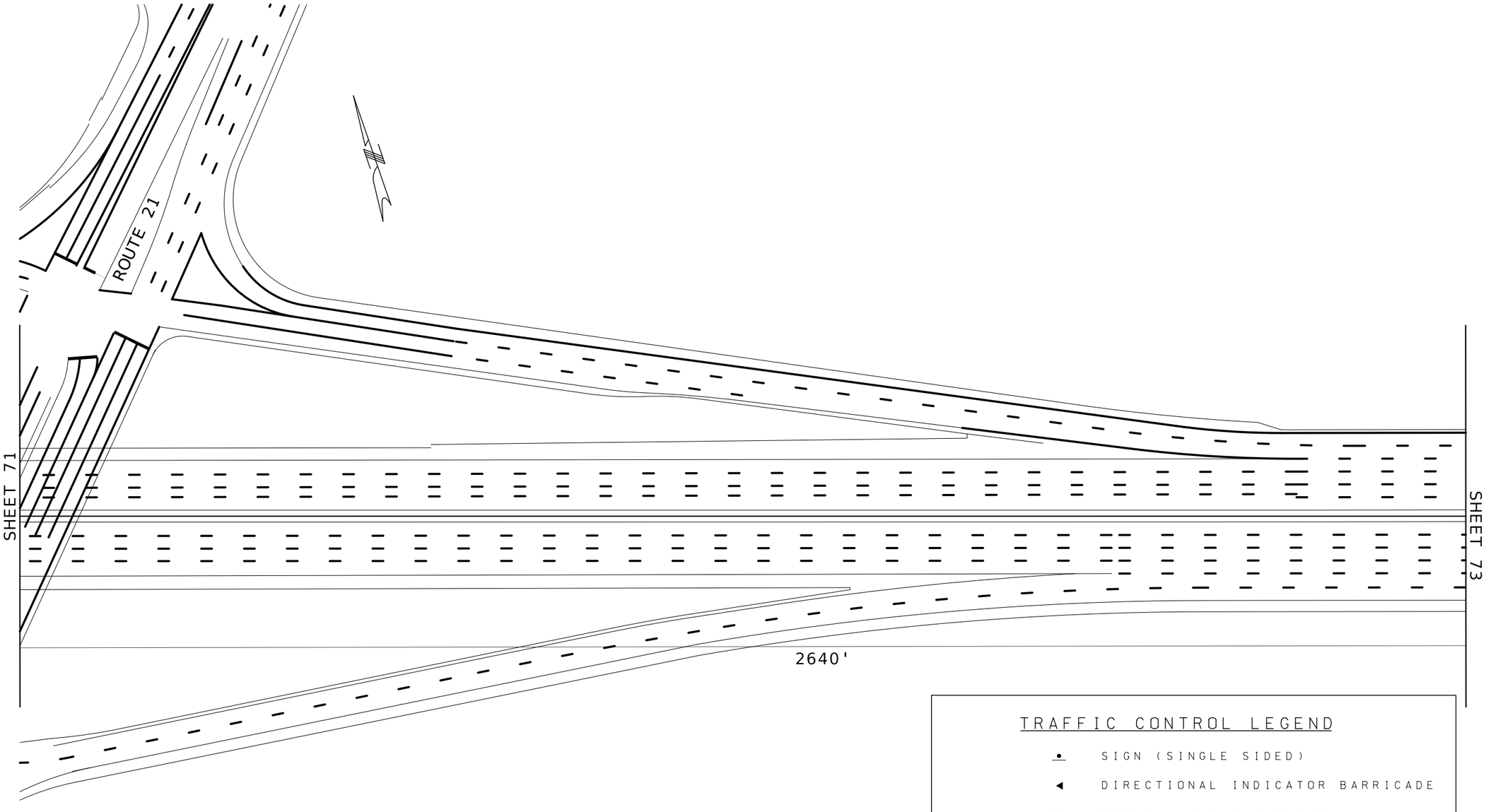
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 1 OF 16



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:57:40 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	72

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

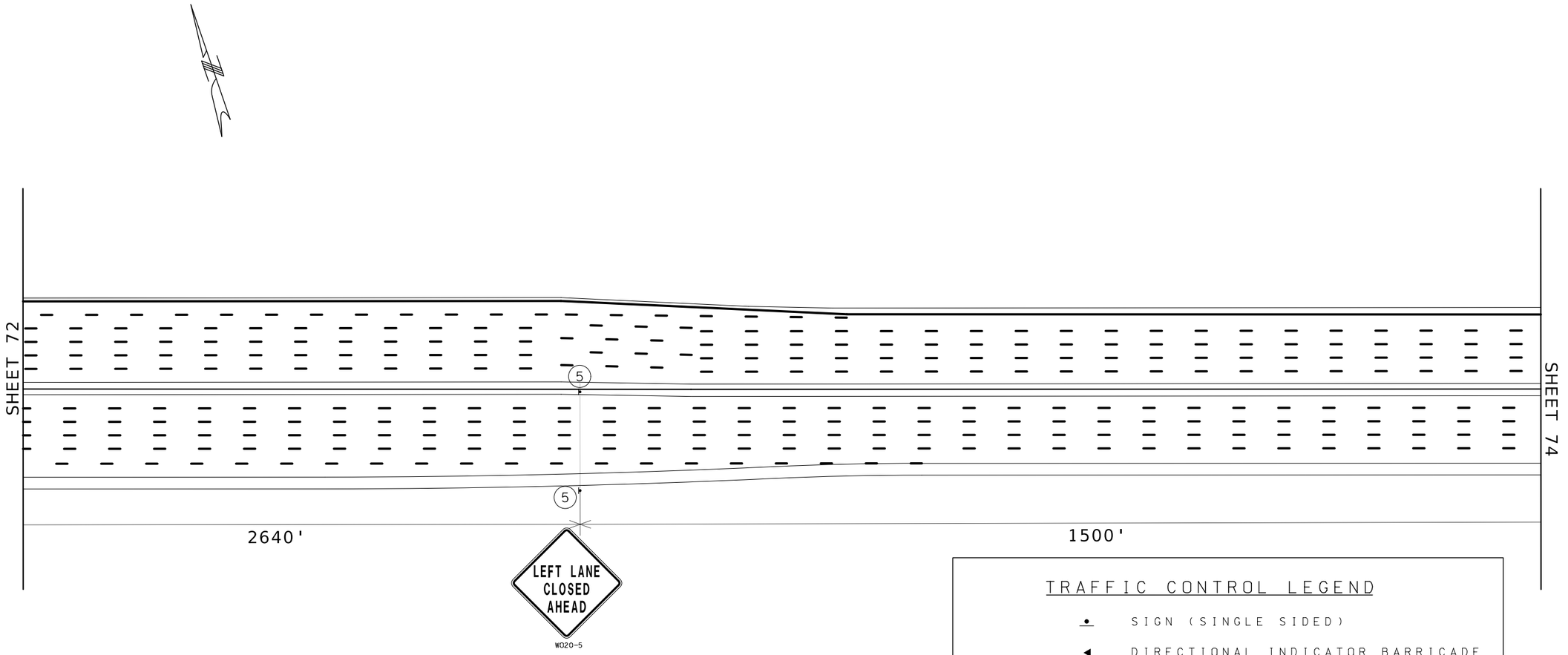
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 2 OF 16



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:57:48 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	73

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

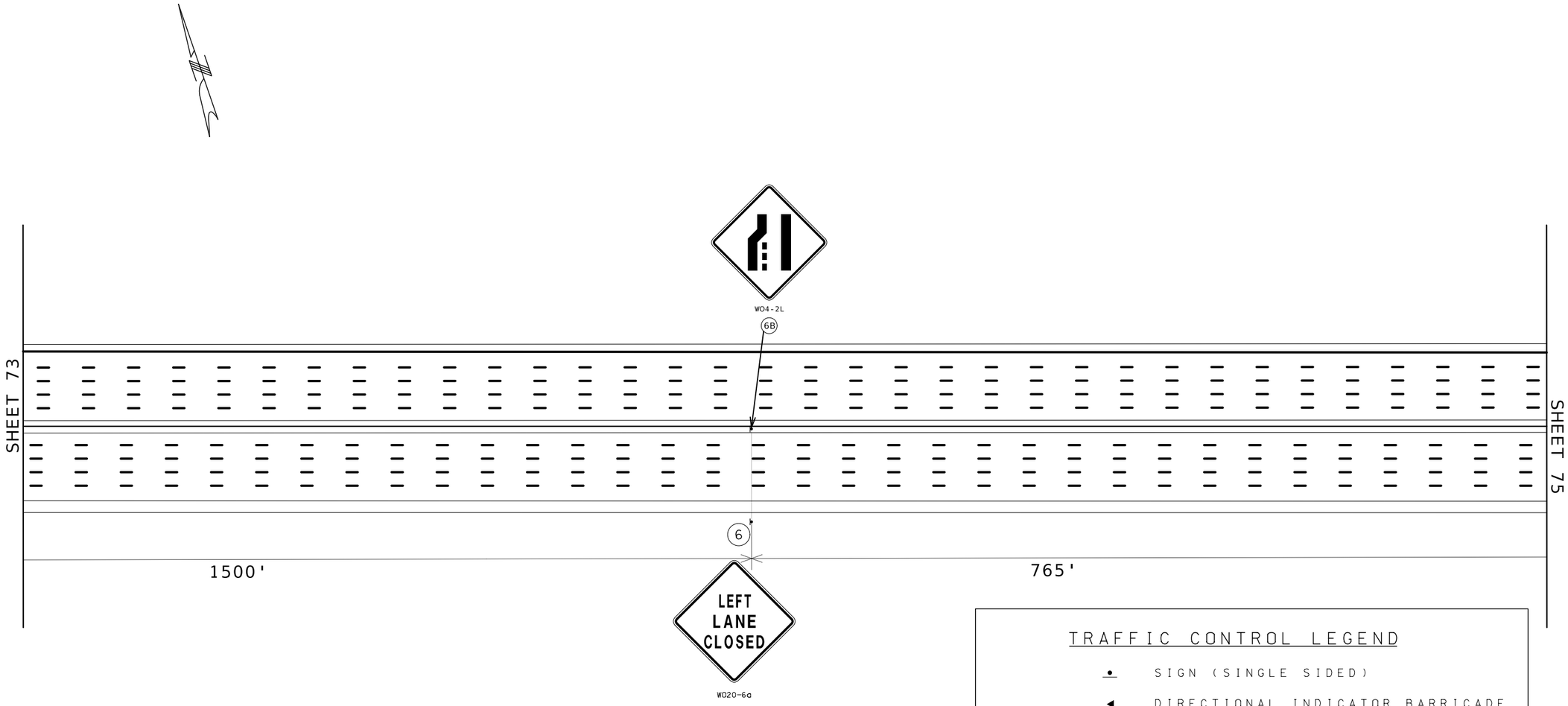
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 3 OF 16



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:57:56 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	74

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

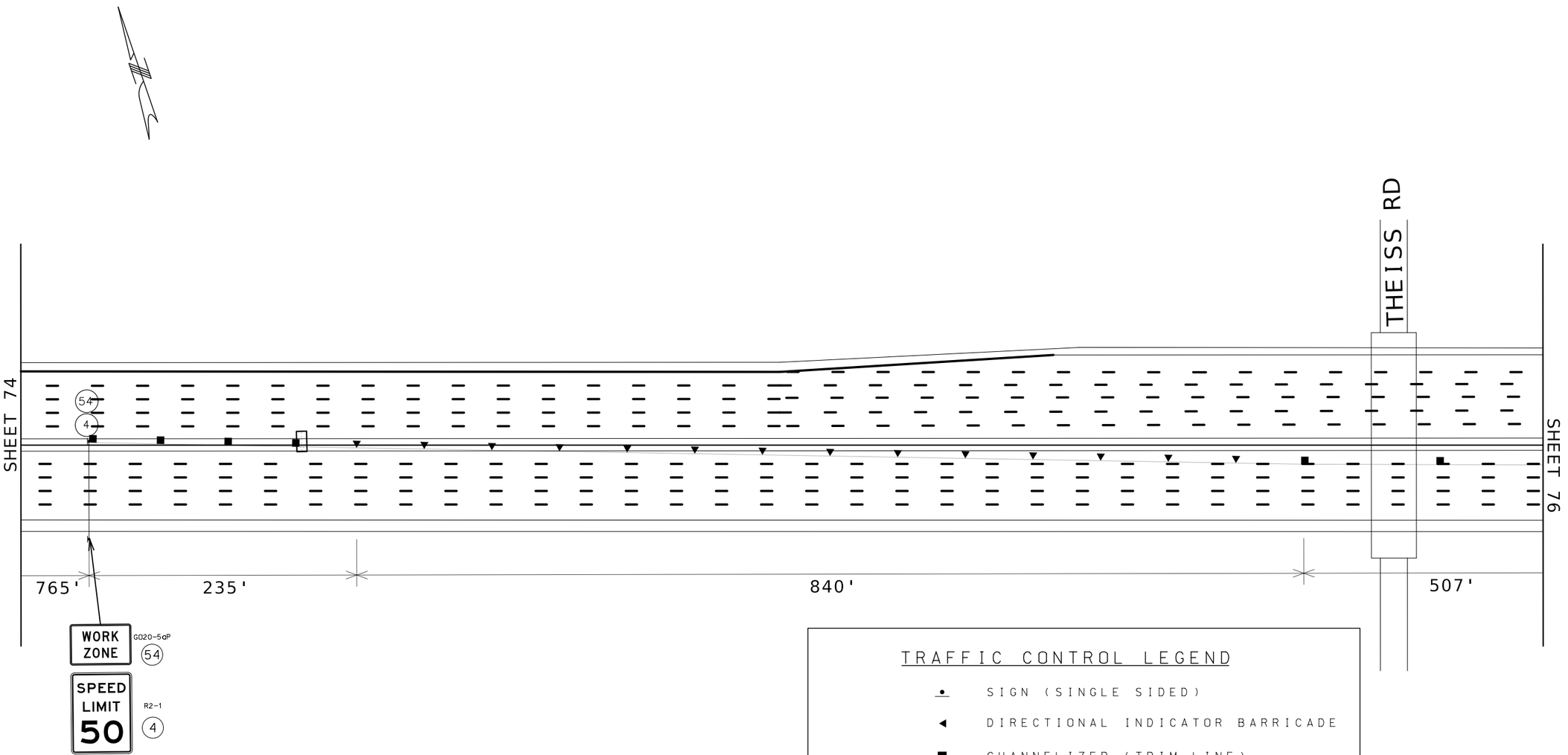
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 4 OF 16



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:58:05 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	75

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 5 OF 16

1040

SPEED LIMIT 60

R2-1

25

(NORMAL SPEED)

1000'

SHEET 75

SHEET 77

TEMPORARY 4" YELLOW PM

TEMPORARY 4" WHITE PM

507'

1000'

1095'

WO1-4bR

15A

SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:58:12 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO

DISTRICT	SHEET NO.
SL	76

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

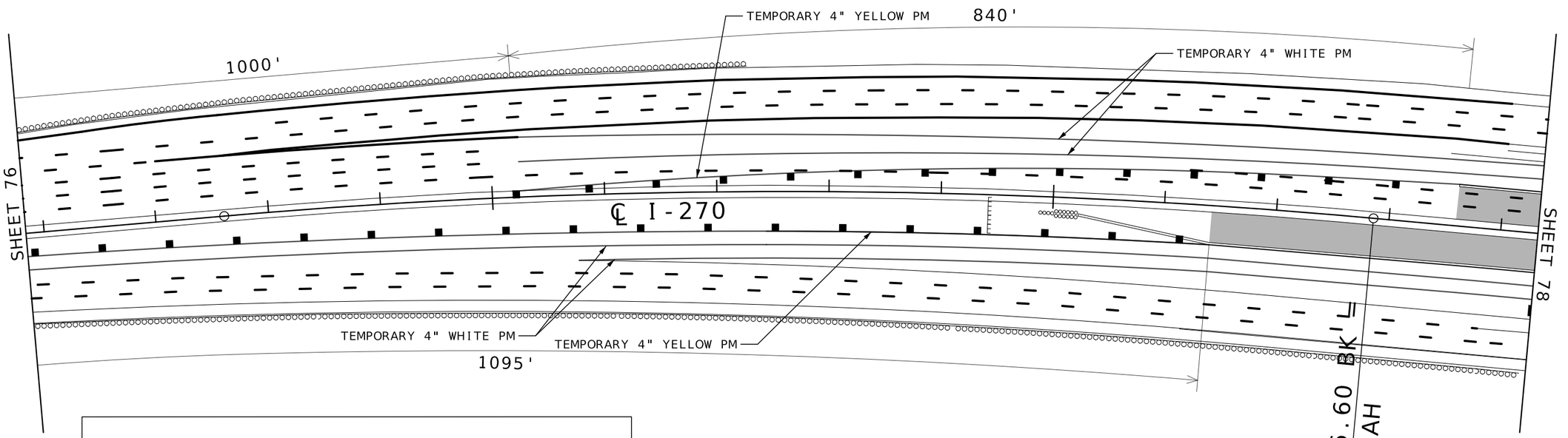
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 6 OF 16

1045

1050

STA. 1056+32.00 ℄ I-270 =
STA. 29+93.66 ℄ VON TALGE RD.



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

SCALE
0 50 100 150

EQUATION:
PT STA. 1052+86.60 BK
STA. 1052+86.12 AH

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:58:22 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	77

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

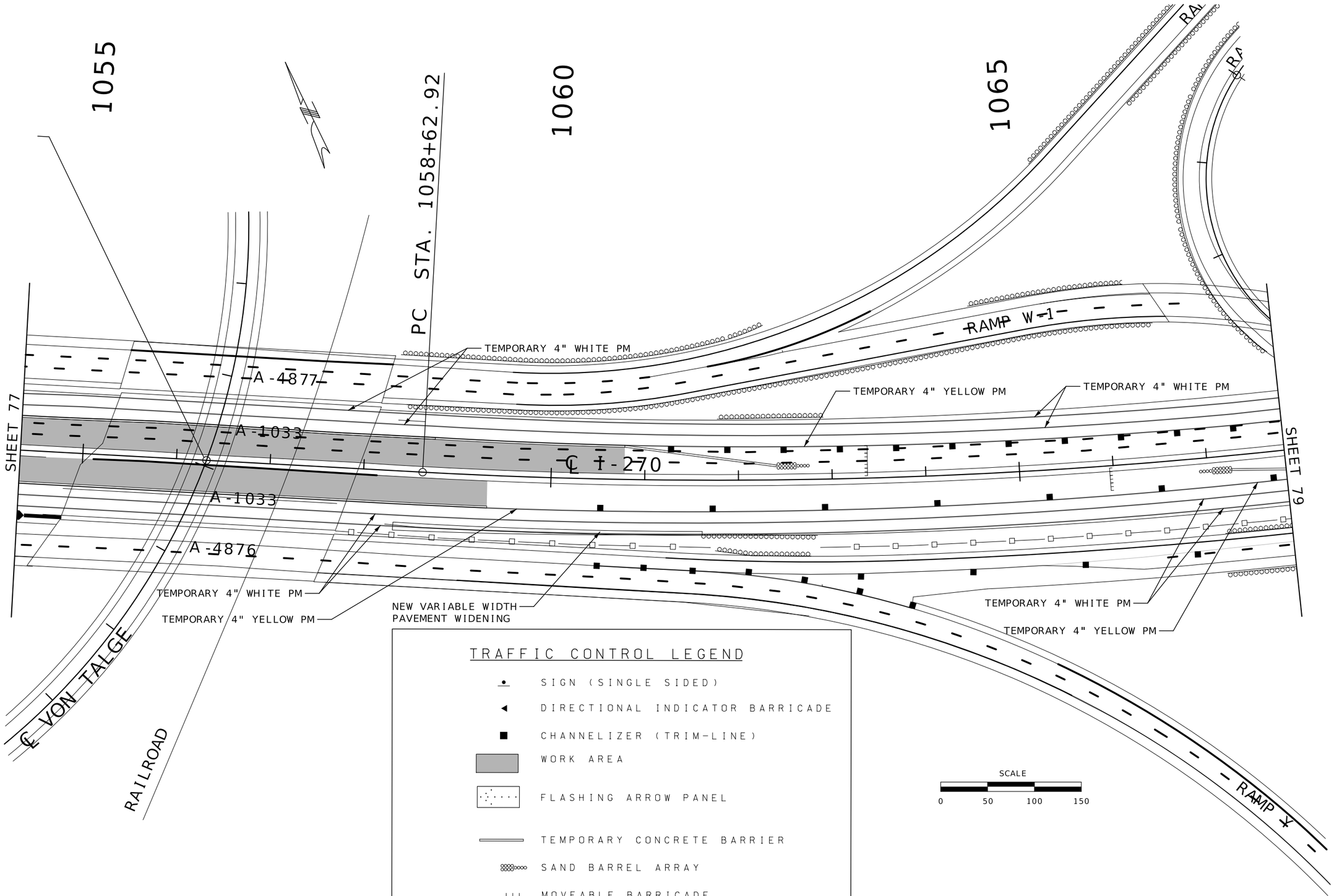
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 7 OF 16



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:58:33 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	78

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 8 OF 16

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

RAMP Z-1

5+00

10+00

A-4882

108'

TEMPORARY 4" YELLOW PM

TEMPORARY 4" WHITE PM

0+00

℄ I-55

1000'

840'

TEMPORARY 4" YELLOW PM

W01-4bR

15A

TEMPORARY 4" WHITE PM

SHEET 78

A-1233

A-1234

A-1235

℄ I-255

105

RAMP B

TEMPORARY 4" WHITE PM

TEMPORARY 4" YELLOW PM

SCALE

0 50 100 150

49

EXIT

E05-1

0+00

RAMP Y-1

10+00

SHEET 80

STA. 1073+29.13 ℄ I-255 =
STA. 104+65.02 ℄ I-55

STA. 1074+19.33 ℄ I-255 =
STA. 104+64.00 ℄ N.B.C.D.

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:58:45 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	79

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

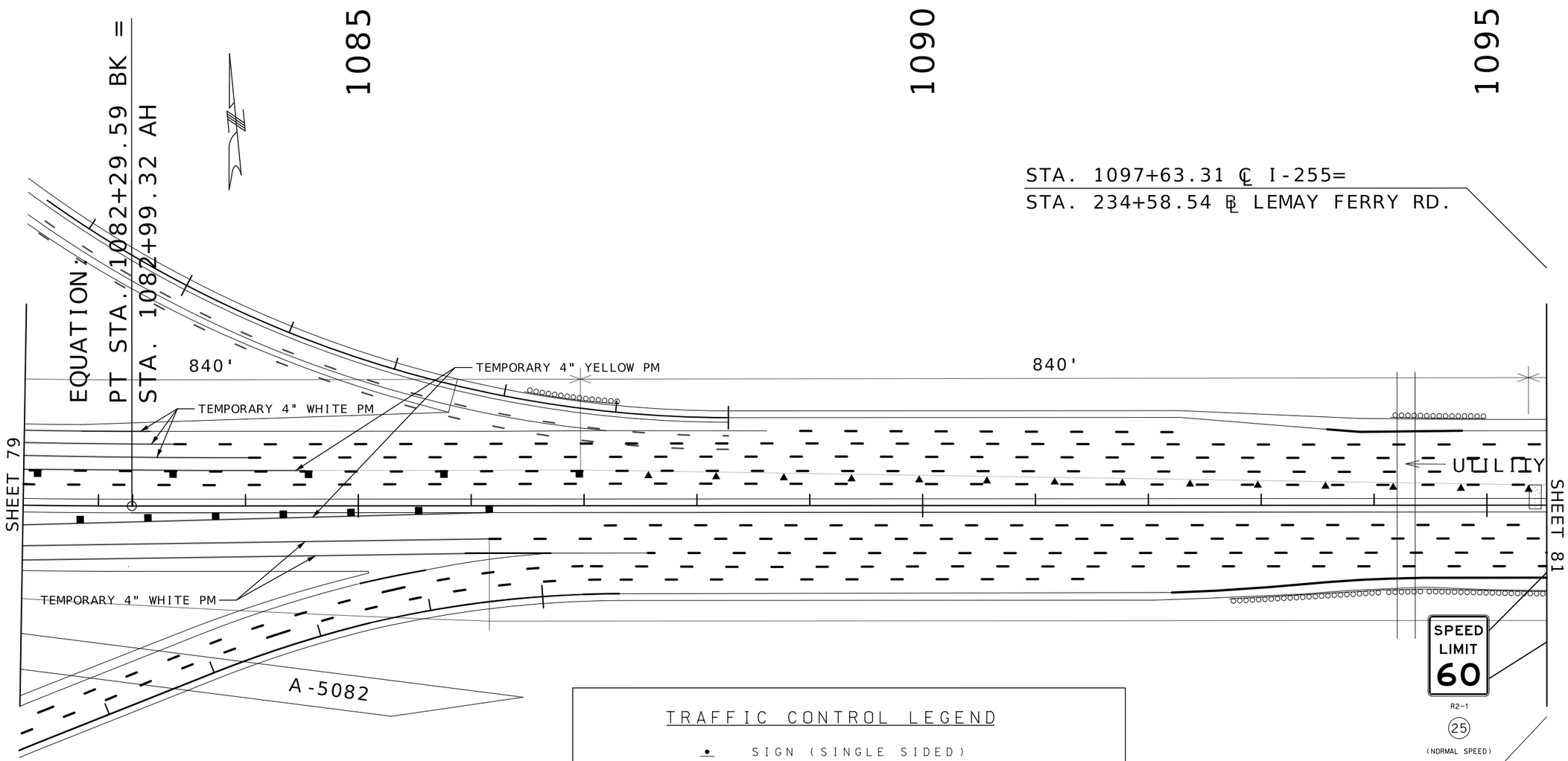
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 9 OF 16



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:59:03 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	80

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

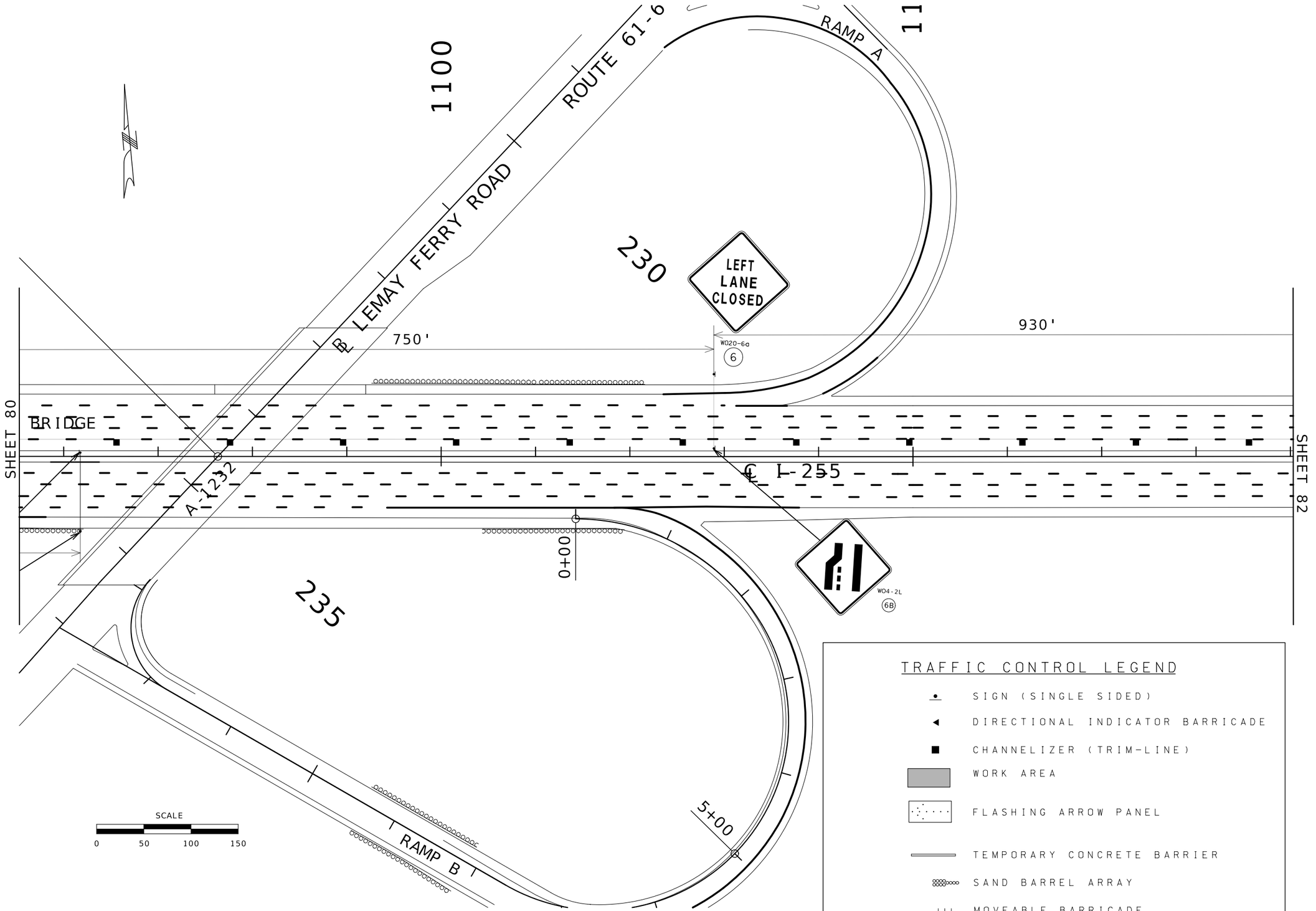
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 10 OF 16



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:59:15 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 10/2/2026

ROUTE	STATE
I-255	MO

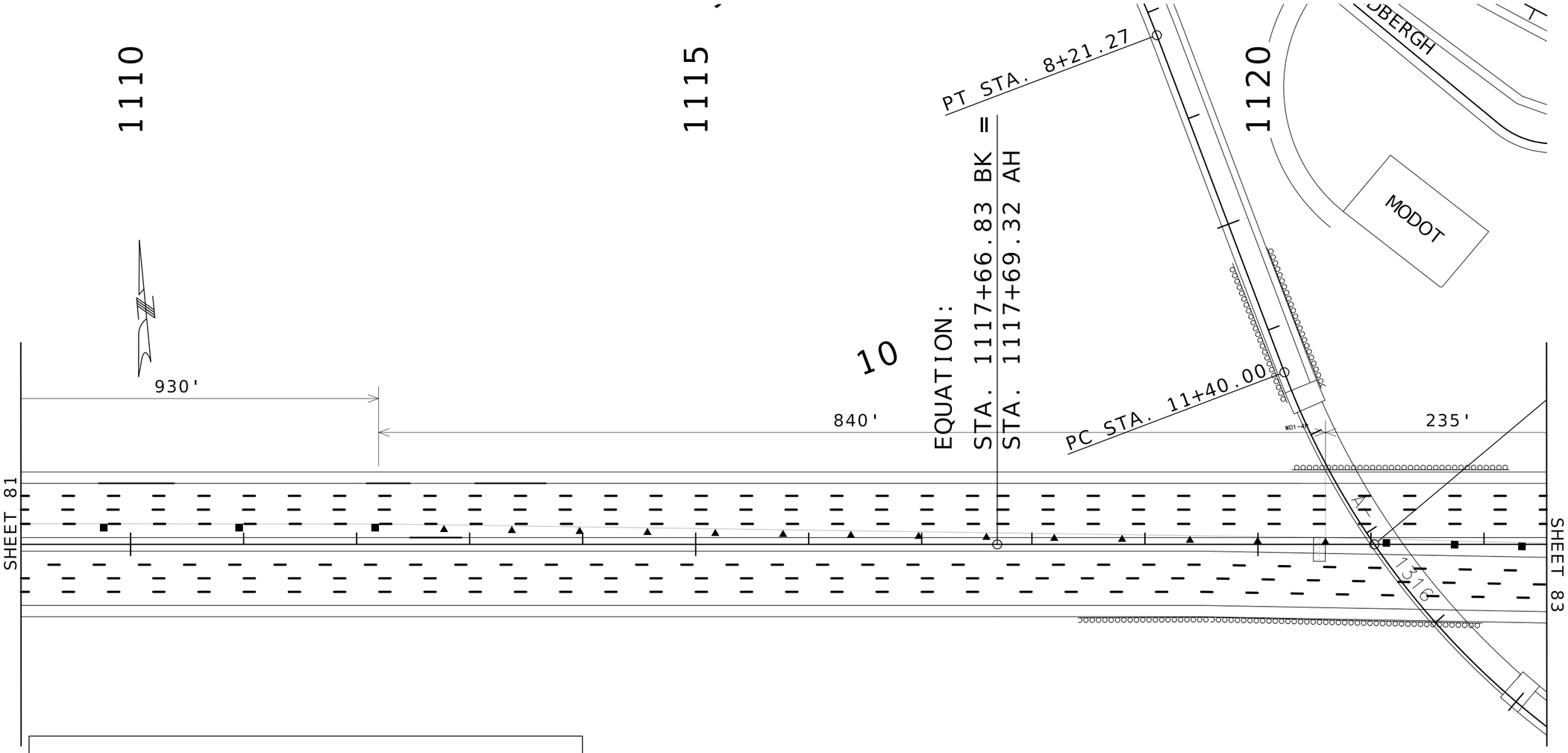
DISTRICT	SHEET NO.
SL	81

COUNTY: ST.LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DESCRIPTION | DATE

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 11 OF 16



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

SCALE

0 50 100 150

15

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 2:59:30 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	82

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 12 OF 16

1125

PC STA. 9+12.

1130

PC STA. 1127+73.07

RAMP 3

LEFT LANE CLOSED

W020-6a

PT STA. 4+45.86

1135

PC STA. 0+00.00 = 66' LT. STA. 1135+46.81 ℄ I-255

WORK ZONE G020-5aP (54)

SPEED LIMIT 50 R2-1 (4)

STA. 1121+03.00 ℄ I-255 =
STA. 13+12.00 ℄ RAMP 2

765'

235'

1500'

6

6B

℄ I-255

SHEET 82

SHEET 84

54

4

W04-2L

PT STA. 22+37.09

PC STA. 24+55.62

PCC STA. 28+13.06

SCALE
0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

25

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 2:59:43 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	83

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 13 OF 16

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:00:33 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	84

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 14 OF 16

SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:00:46 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	85

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 15 OF 16

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:00:59 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	86

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

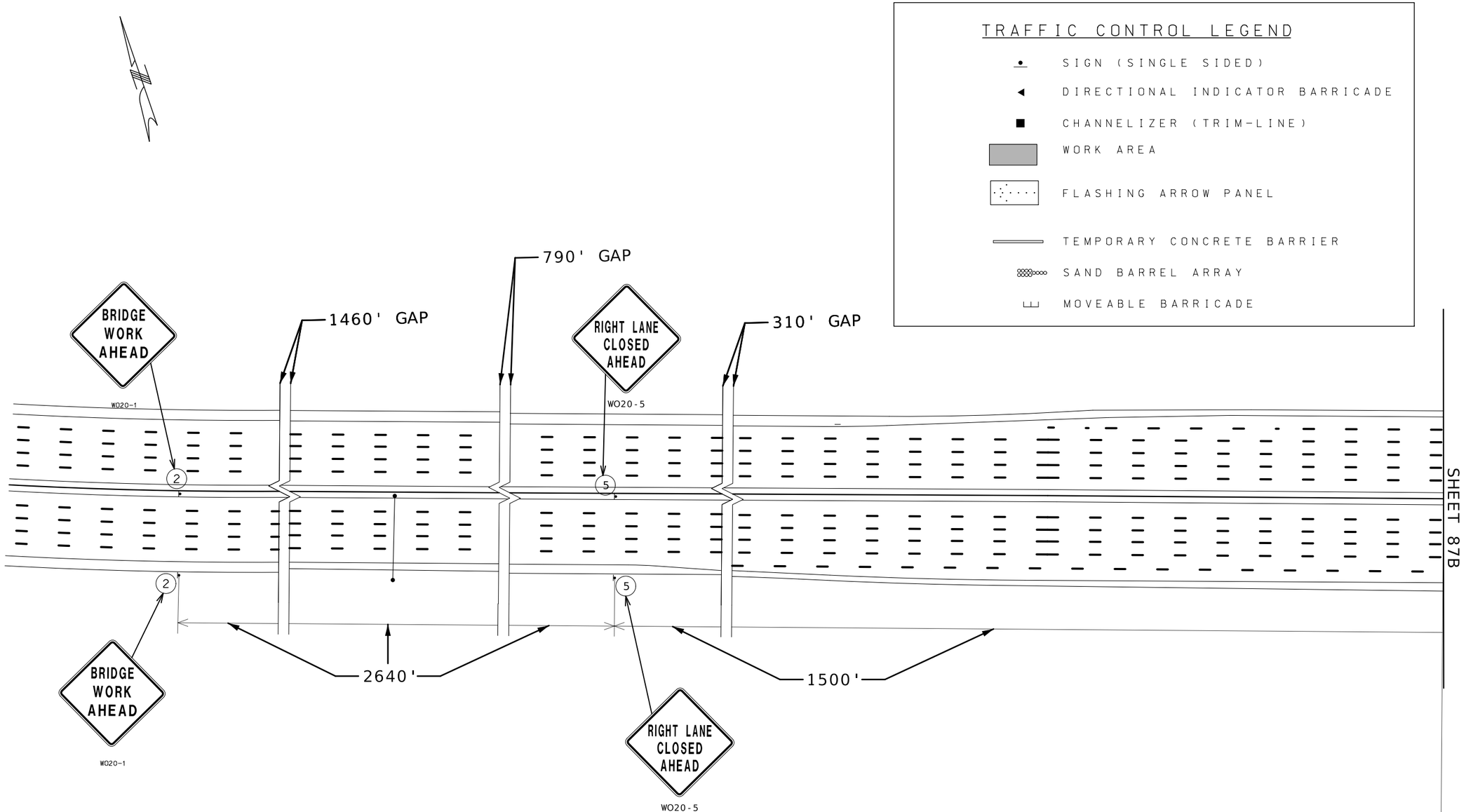
MoDOT

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

TRAFFIC CONTROL
STAGE 2 - DAY
SHEET 16 OF 16

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE



SCALE

0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:05:31 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED: 10/2/2026

ROUTE	STATE
I-255	MO

DISTRICT	SHEET NO.
SL	87A

COUNTY: ST.LOUIS

JOB NO.: JSL0053

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.:

DESCRIPTION	DATE

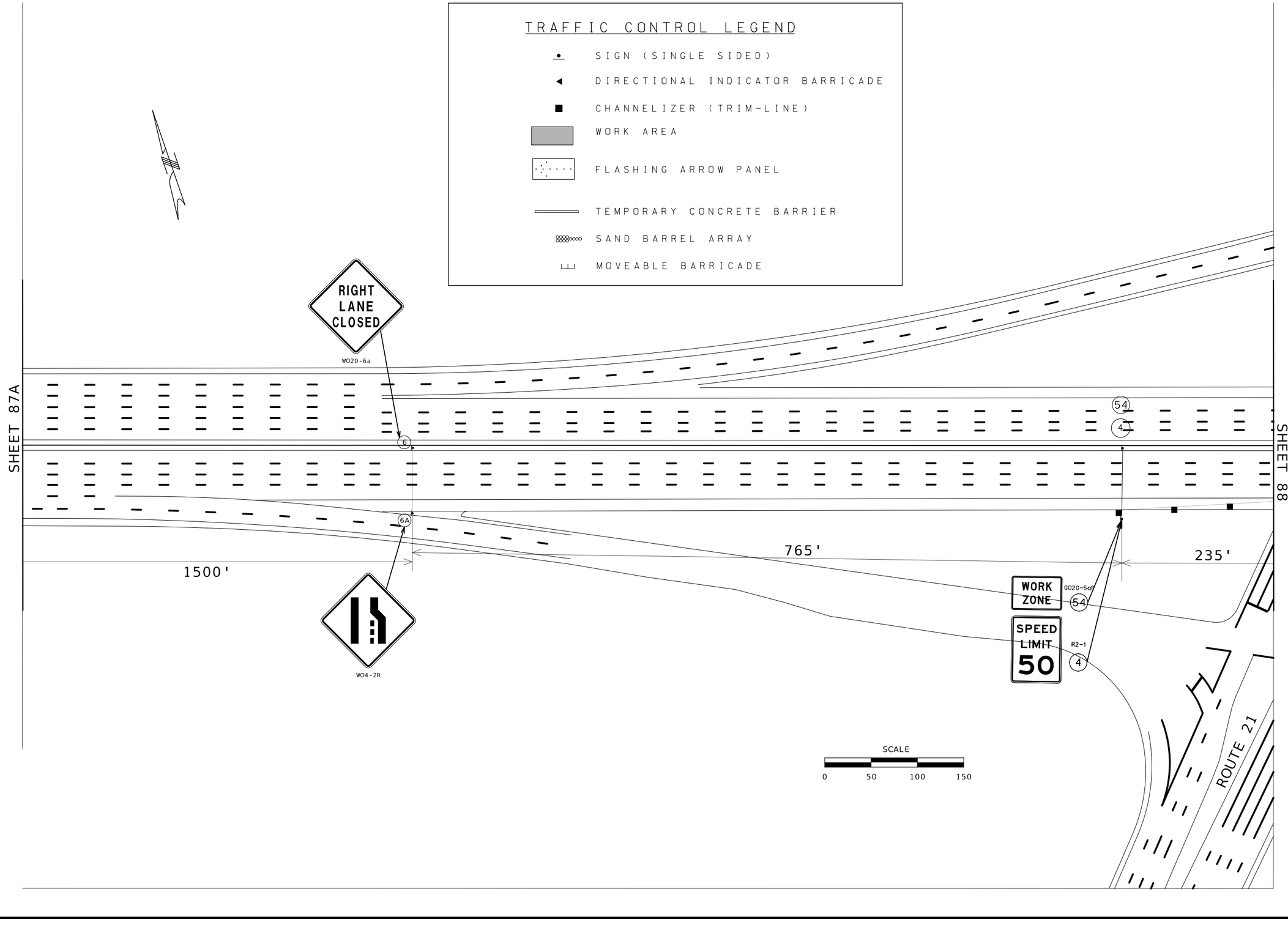
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 1A OF 22

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:05:40 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	87B

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 1B OF 22

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

ROUTE 21

SHEET 87

SHEET 89

235'

840'

840'

150'

540'

350'

350'

200'

RAMP WORK AHEAD
WO20-1

RIGHT LANE CLOSED AHEAD
WO20-5

WO4-2R

RIGHT LANE CLOSED
WO20-6a

WORK ZONE
G020-5aP

SPEED LIMIT 50
R2-1

SCALE
0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:05:49 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	88

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

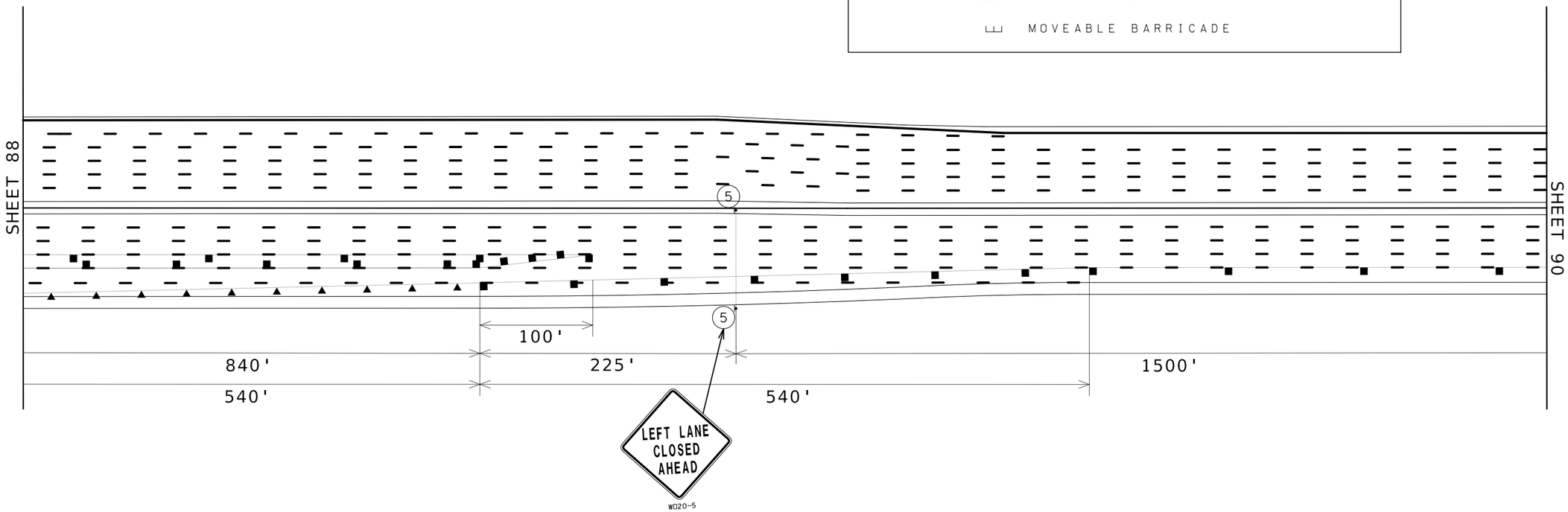
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 2 OF 22

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE



SCALE

0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:06:09 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	89

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

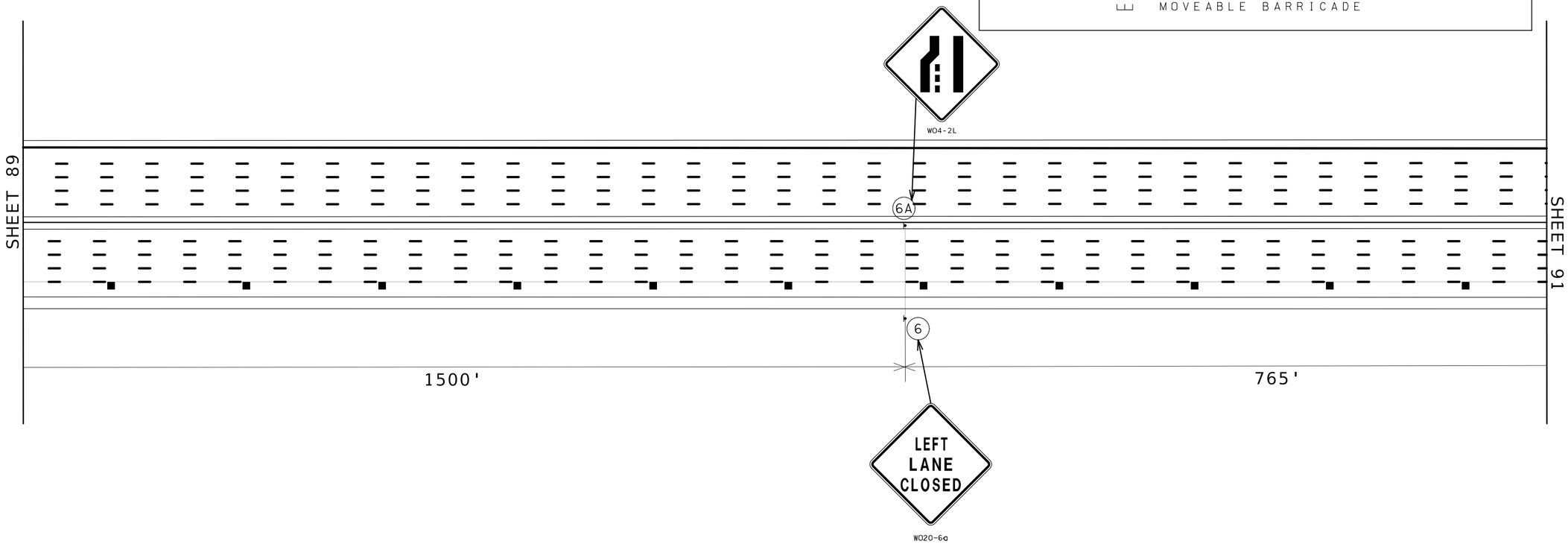
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 3 OF 22

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE



SCALE

0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:06:26 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	90

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

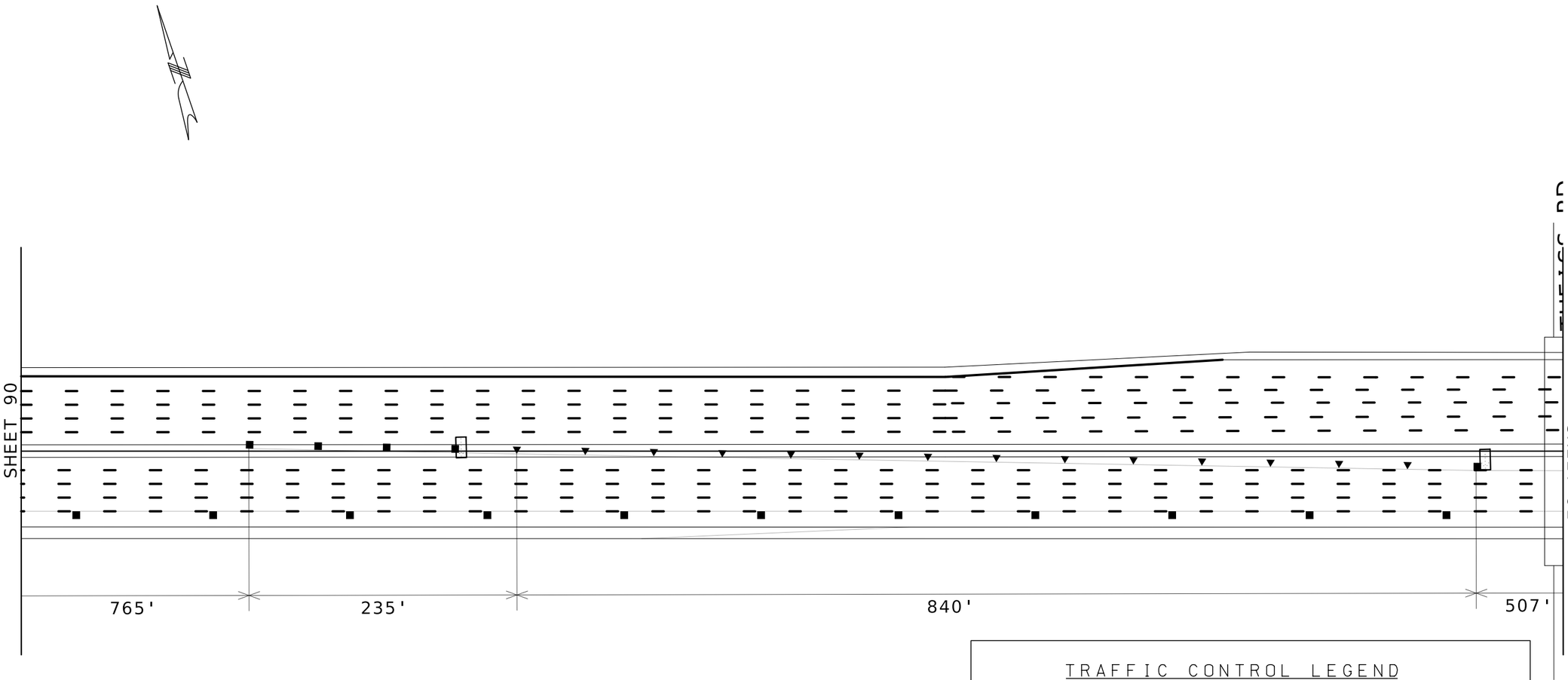
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 4 OF 22



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/07/2026 8:47:55 AM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	91

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

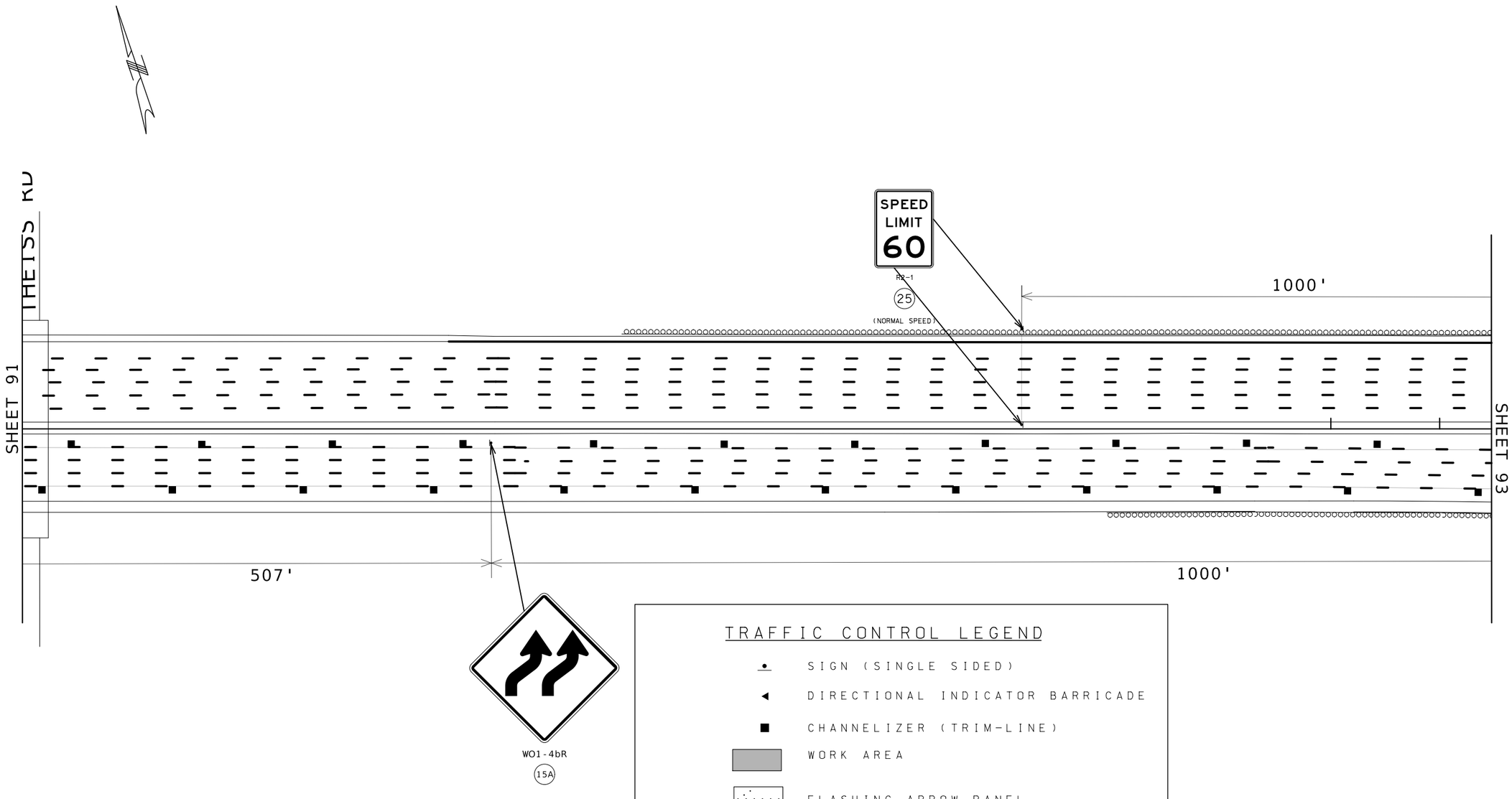
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 5 OF 22



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:06:56 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	92

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

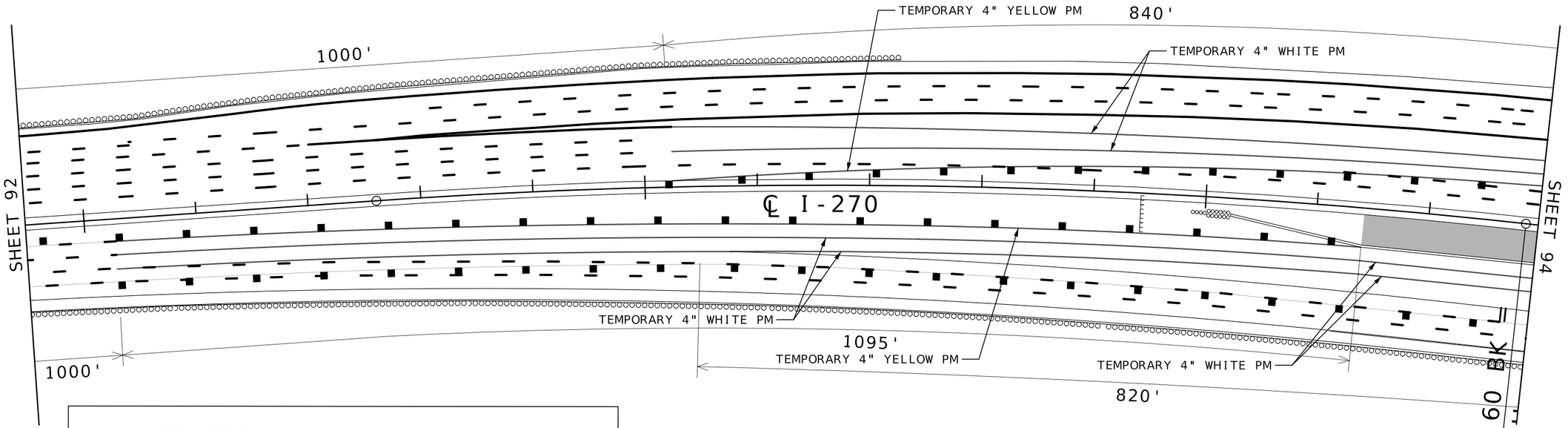
TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 6 OF 22

1040

1045

1050

STA. 1056+32.00 ℄
STA. 29+93.66 ℄ VC



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

SCALE
0 50 100 150

EQUATION:
PT STA. 1052+86.60 BK
STA. 1053+00.00 AH

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:07:12 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	93

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

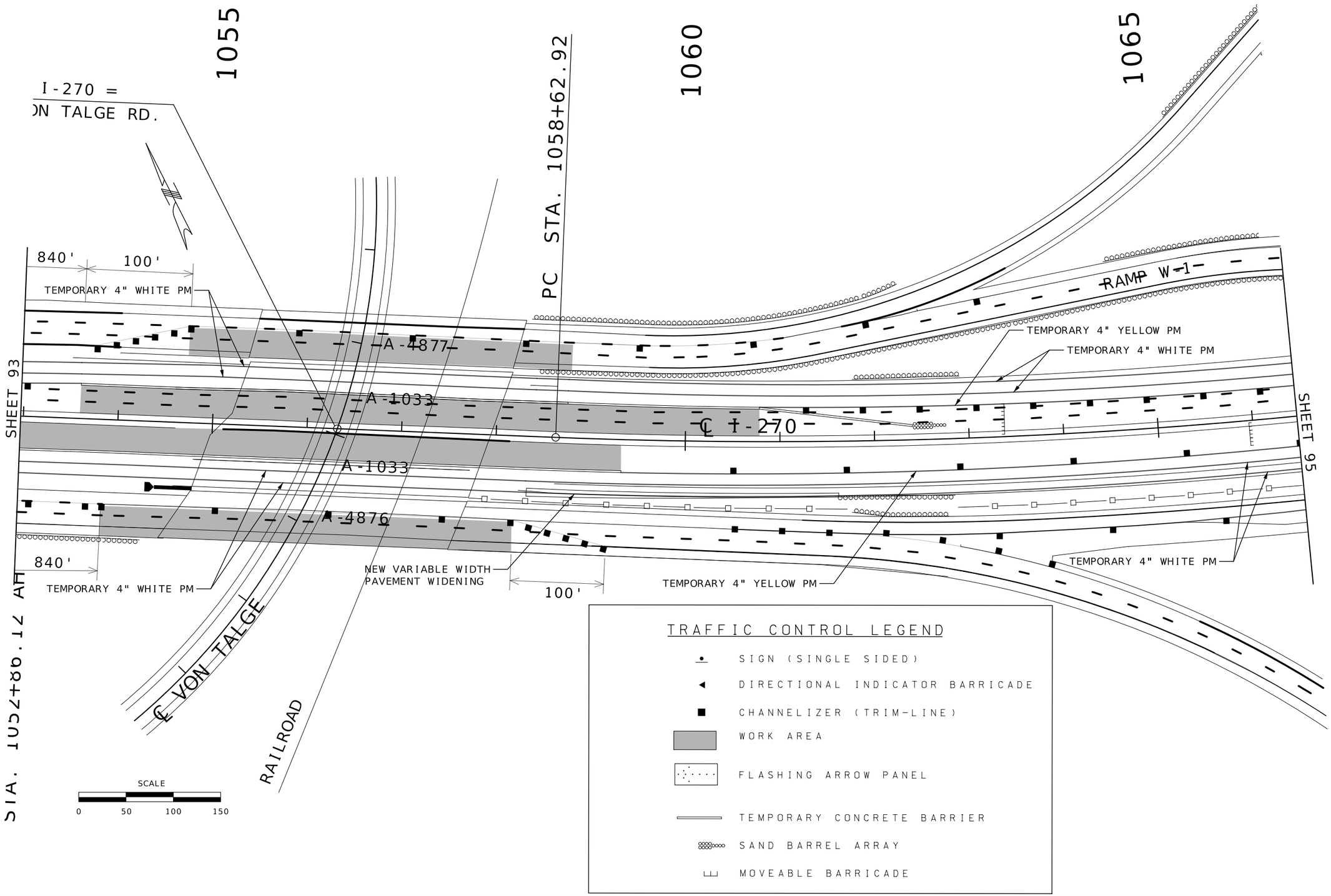
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 7 OF 22



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:07:22 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	94

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

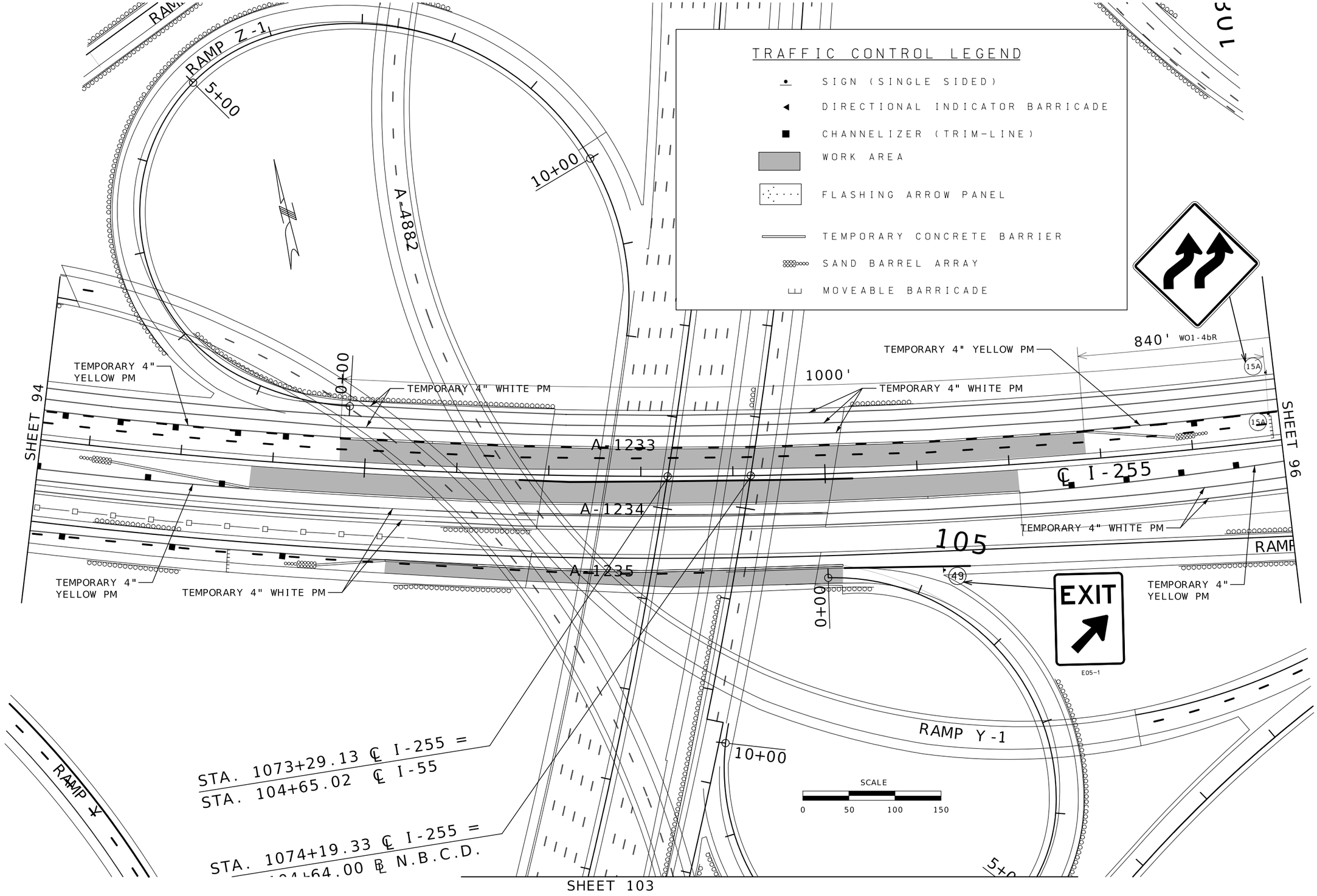
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 8 OF 22



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:07:37 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	95

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

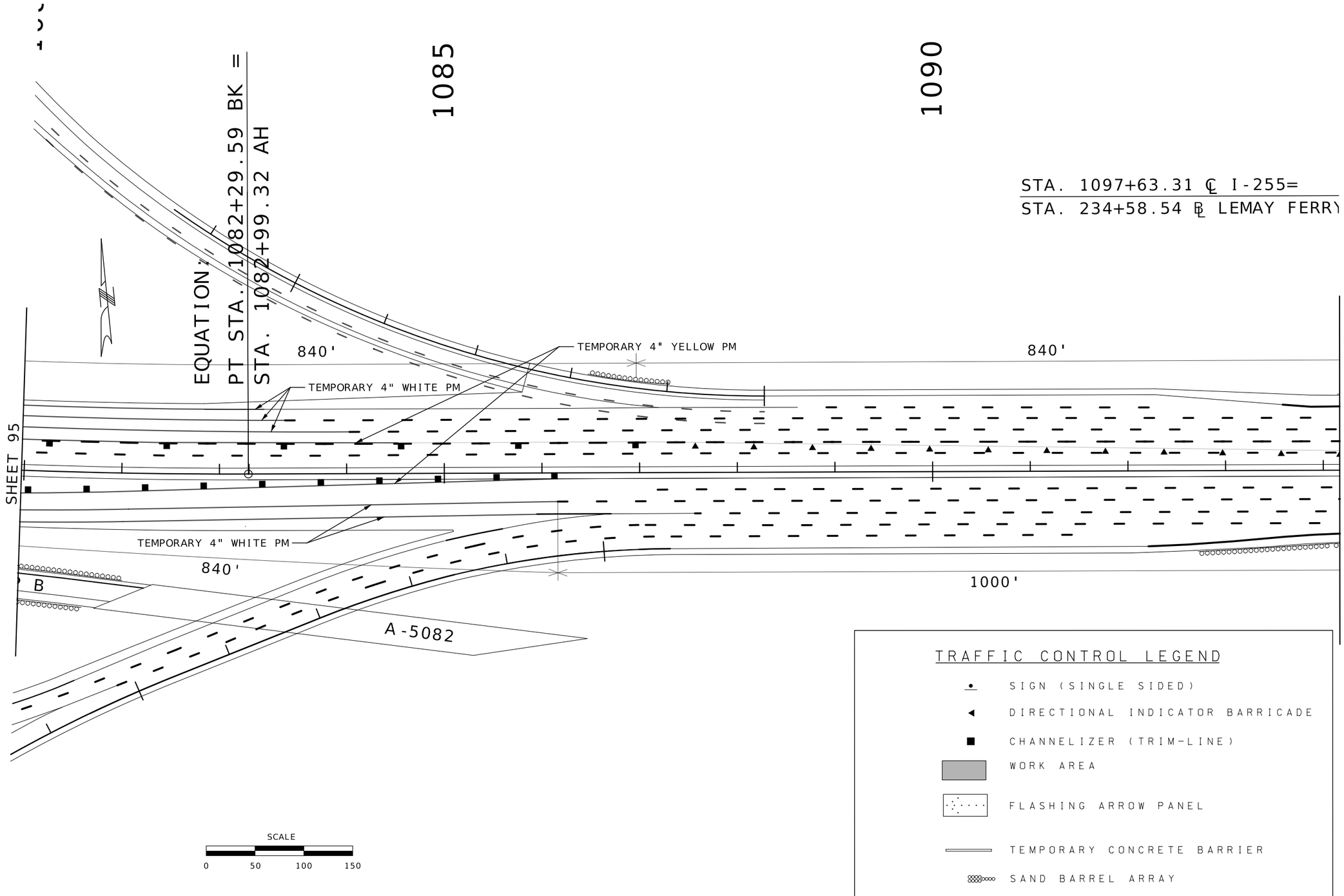
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 9 OF 22



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:07:49 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	96

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 10 OF 22

1095

1100

ROUTE 61-6

RAMP A

11

RD.

230

LEFT LANE CLOSED

840'

750'

930'

℄ LEMAY FERRY ROAD

WO20-6a

6

UTILITY BRIDGE

SHEET 96

SHEET 98

℄ I-255

A-1232

1000'

0+00

SPEED LIMIT 60

R2-1

25

(NORMAL SPEED)

235

WO4-2L

6B

SCALE

0 50 100 150

RAMP B

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:07:59 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	97

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 11 OF 22

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

SCALE
0 50 100 150

15

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
10/05/2026 3:08:07 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	98

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

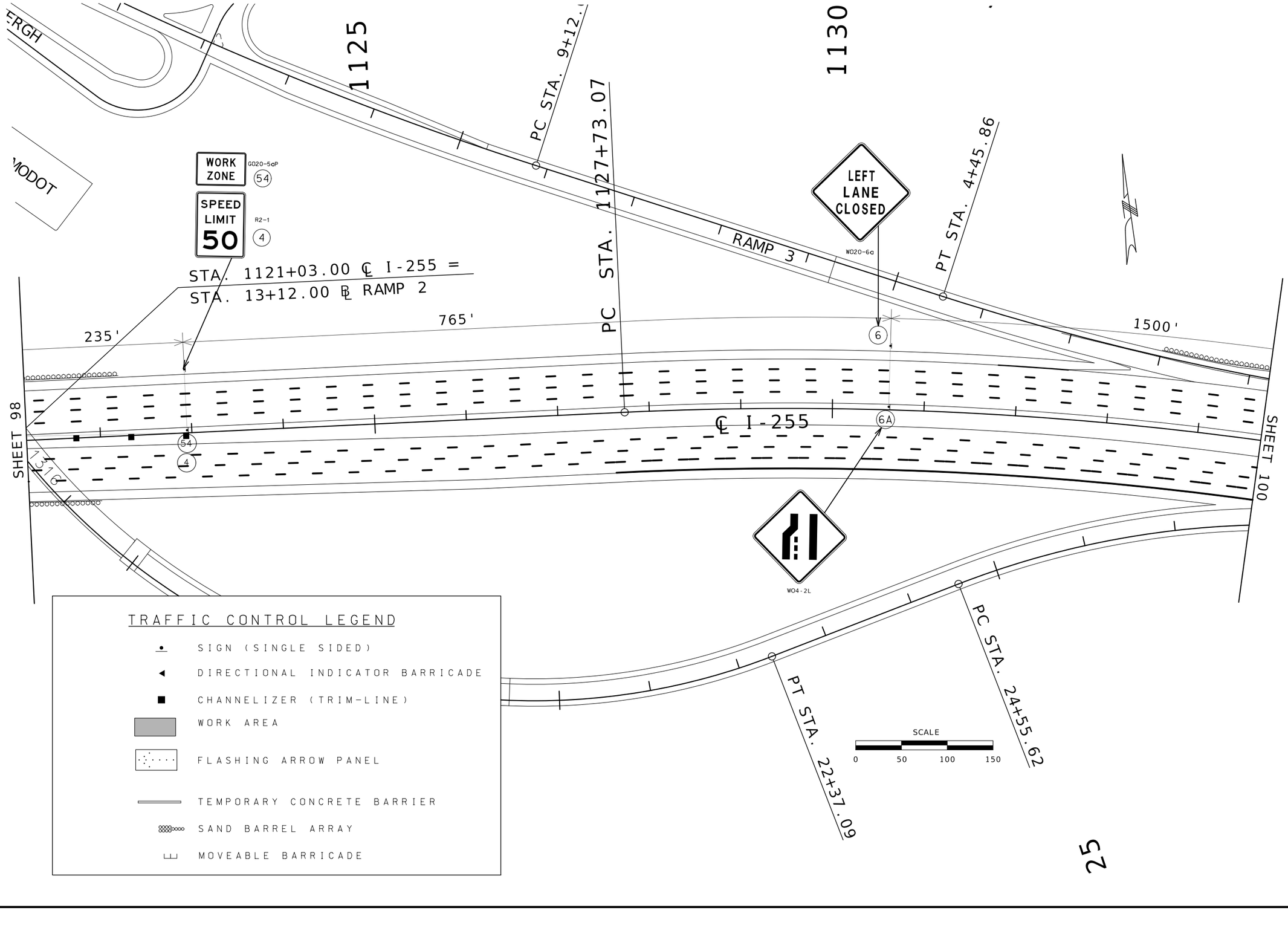
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 12 OF 22



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:08:17 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO

DISTRICT	SHEET NO.
SL	99

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

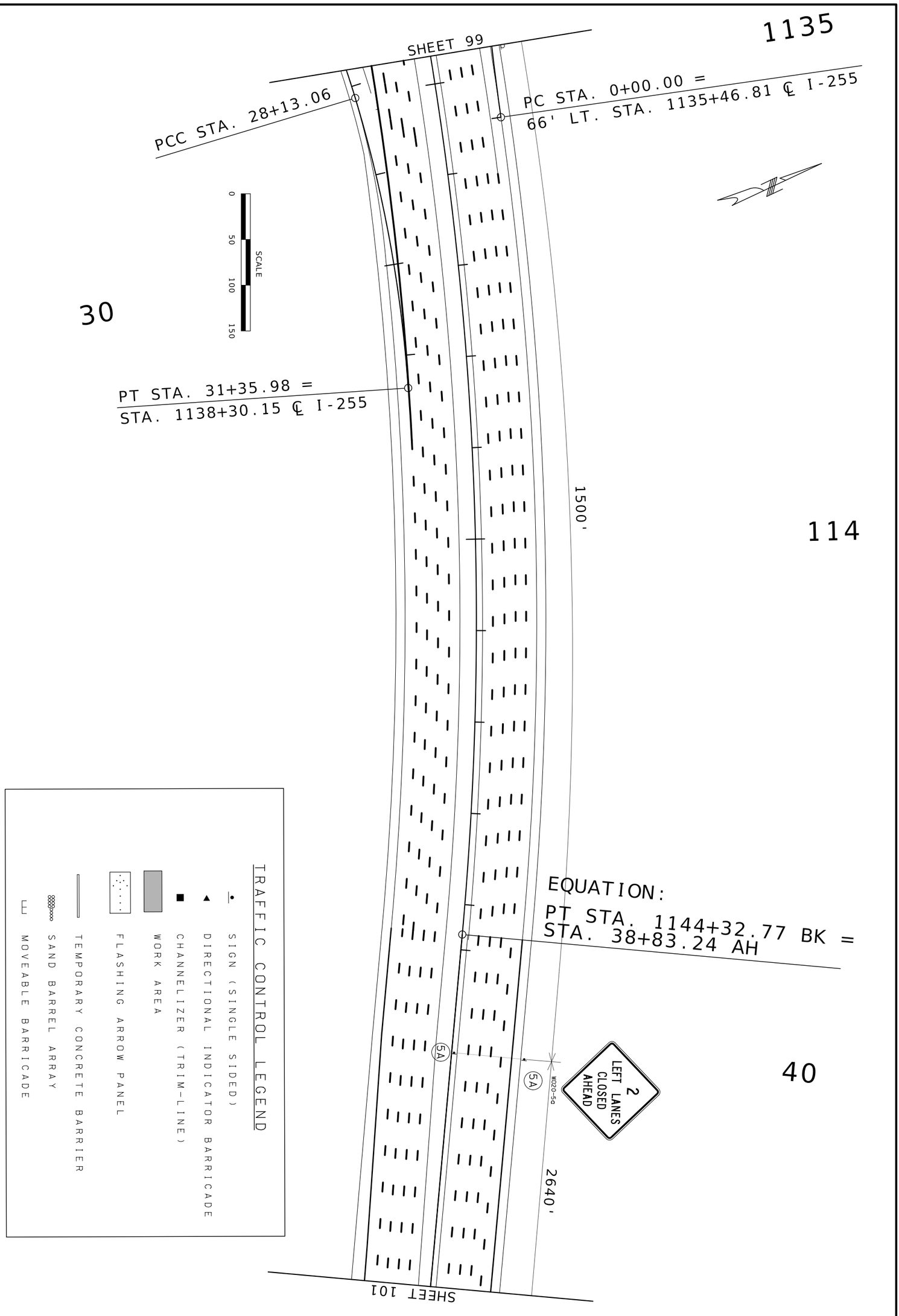
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 13 OF 22

25



TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 14 OF 22

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

DATE	DESCRIPTION

BRIDGE NO.

PROJECT NO.

CONTRACT ID. JOB NO. JSL0053

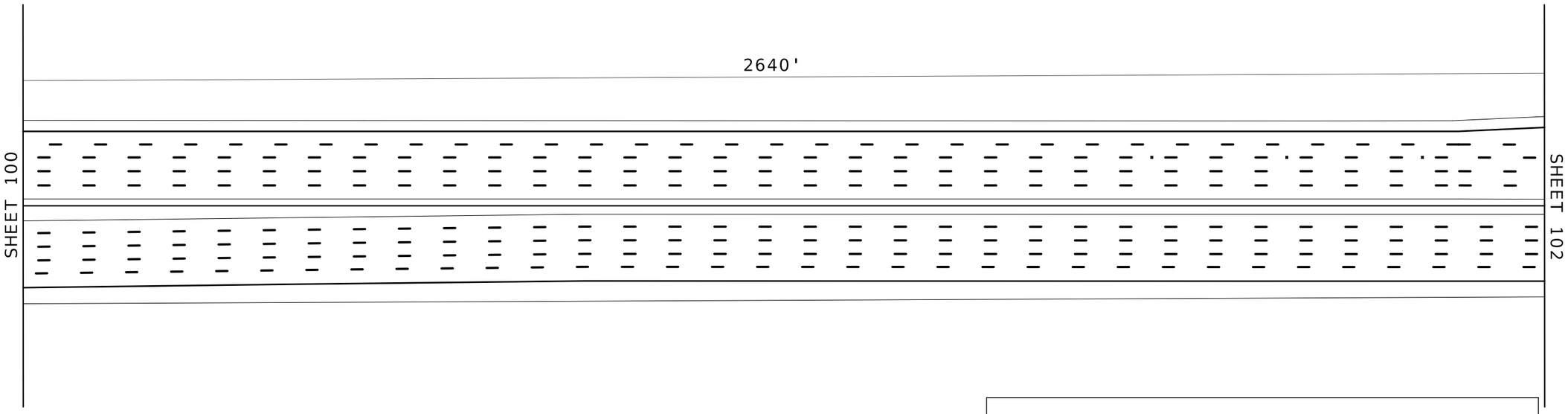
COUNTY ST.LOUIS

DISTRICT SL SHEET NO. 100

ROUTE I-255 STATE MO

DATE PREPARED 10/2/2026

STATE OF MISSOURI
ROBINSON, RACHEL
MANAGER
PE-2009019687
PROFESSIONAL ENGINEER



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:08:46 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	101

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

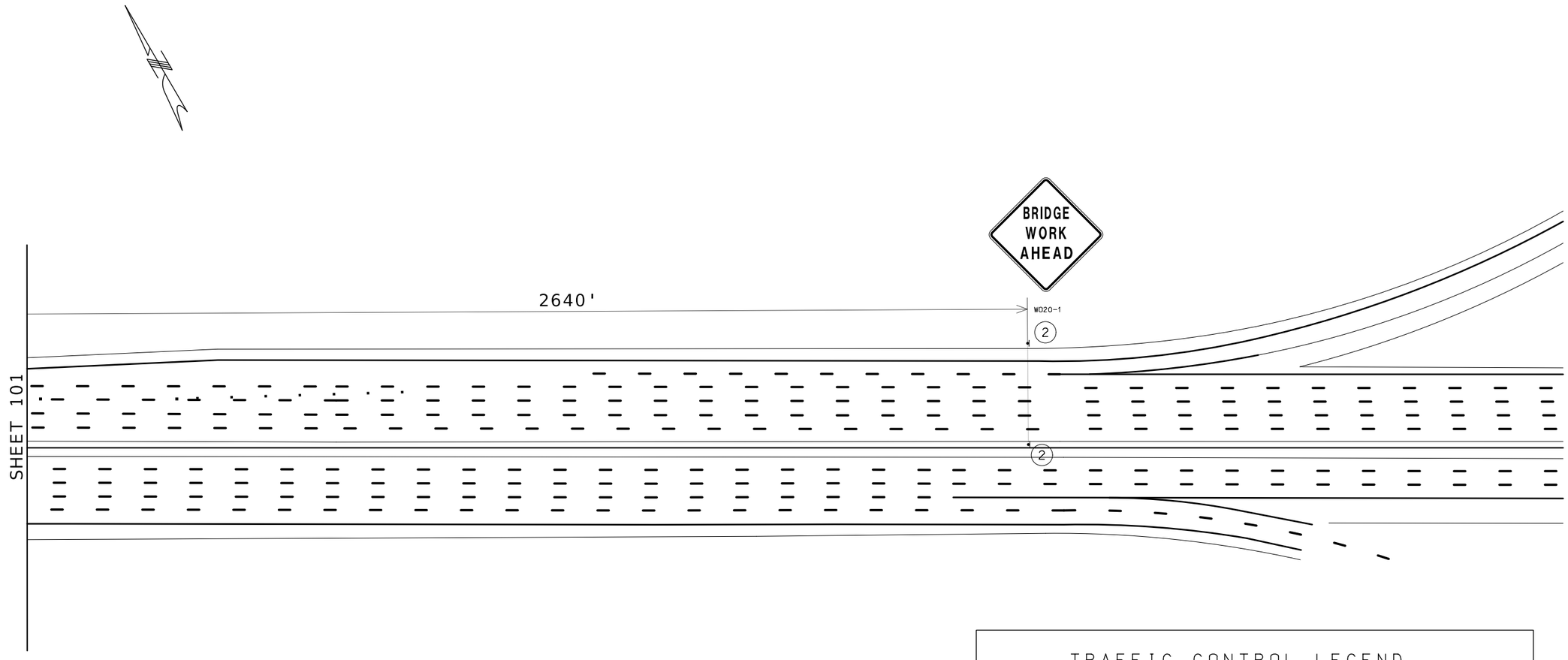
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 15 OF 22



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:08:55 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	102

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

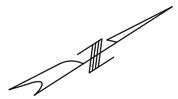
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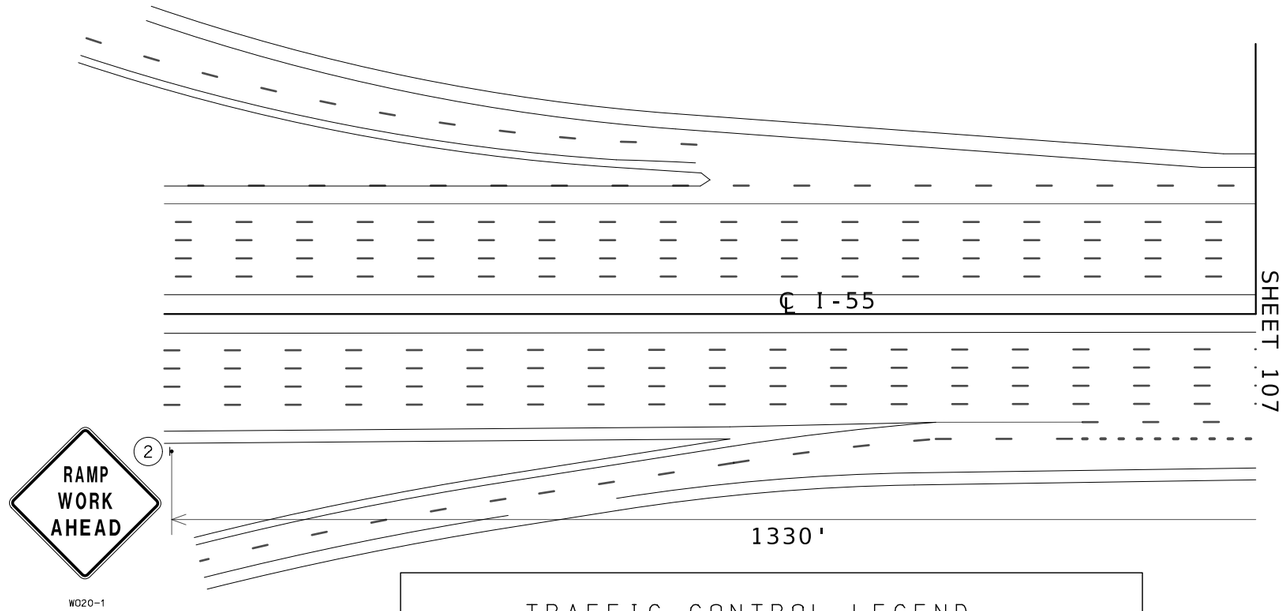
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 16 OF 22





TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

SCALE

0 50 100 150

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:09:08 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	103

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

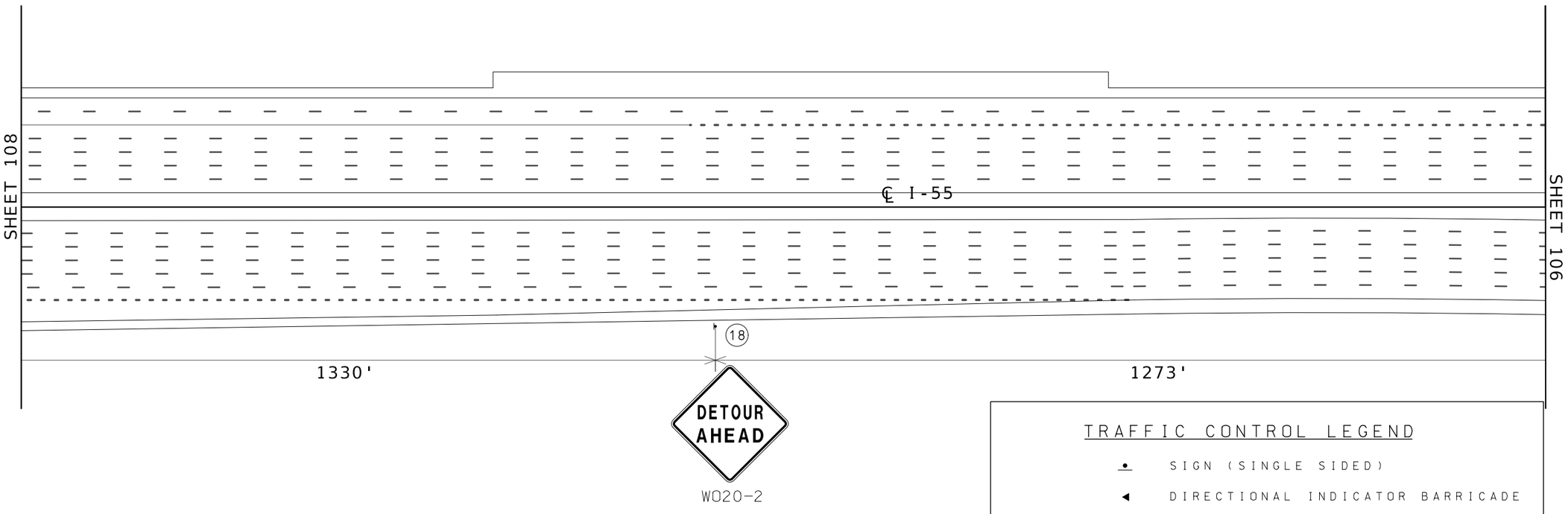
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 17 OF 22



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:11:58 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	104

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

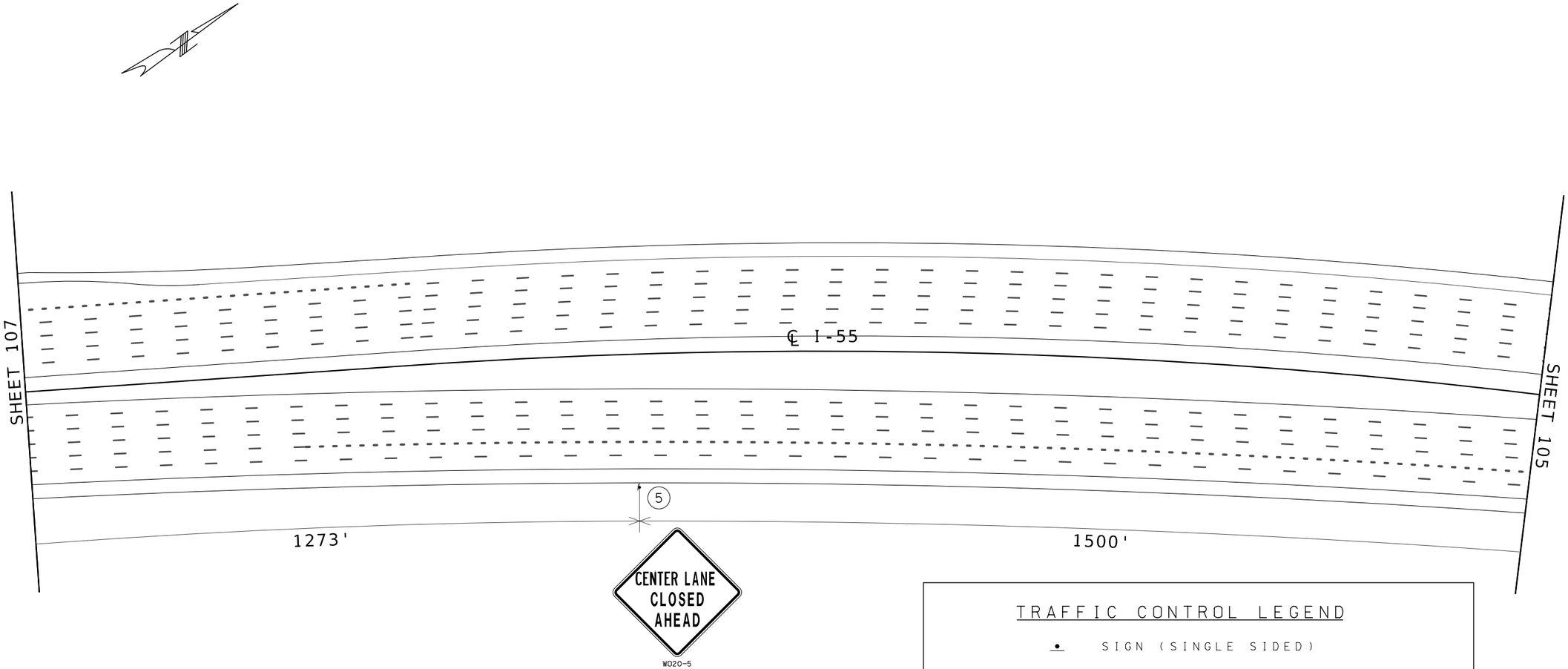
PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 18 OF 22



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:12:29 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	105

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

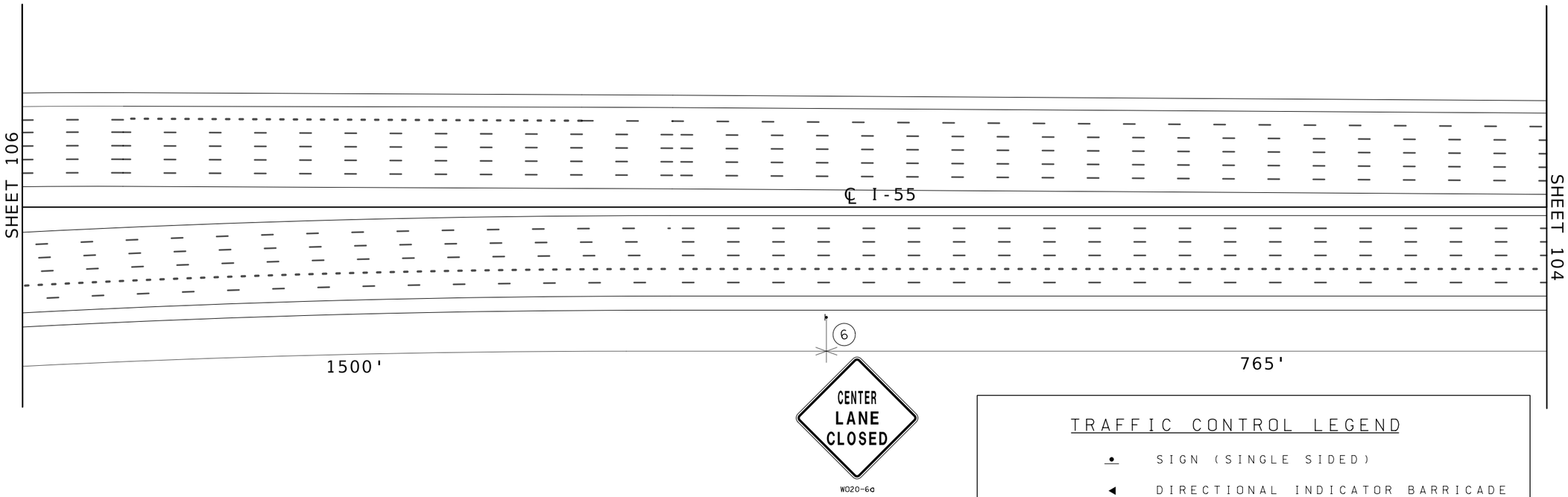
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 19 OF 22



SCALE

0 50 100 150

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
Stuart McNeil
10/05/2026 3:12:09 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	106

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

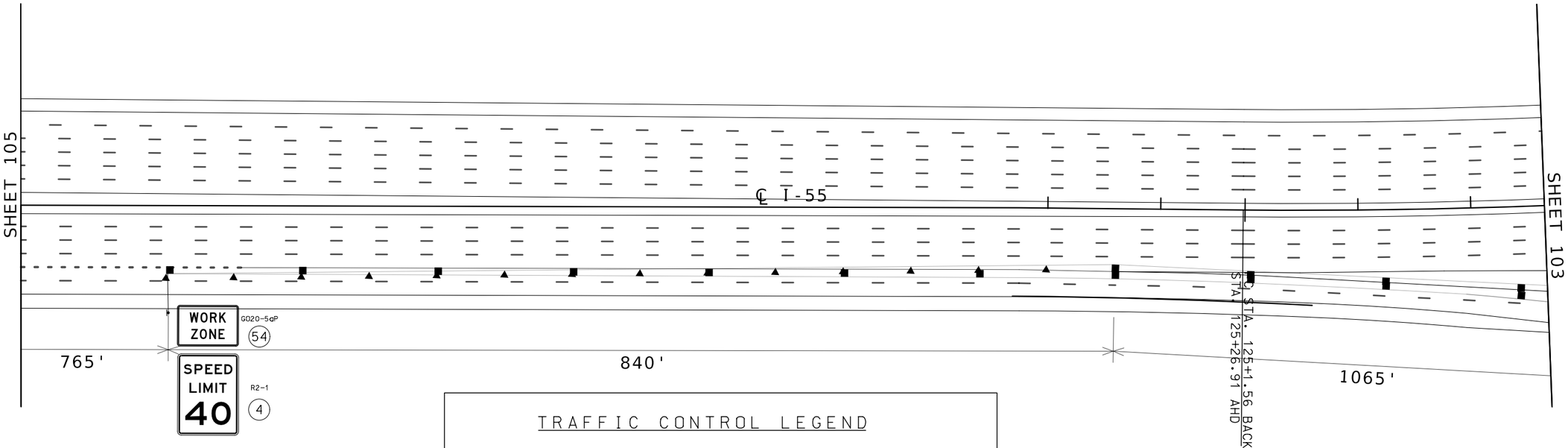
DESCRIPTION	DATE

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 20 OF 22

SCALE

0 50 100 150



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER
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STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	107

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

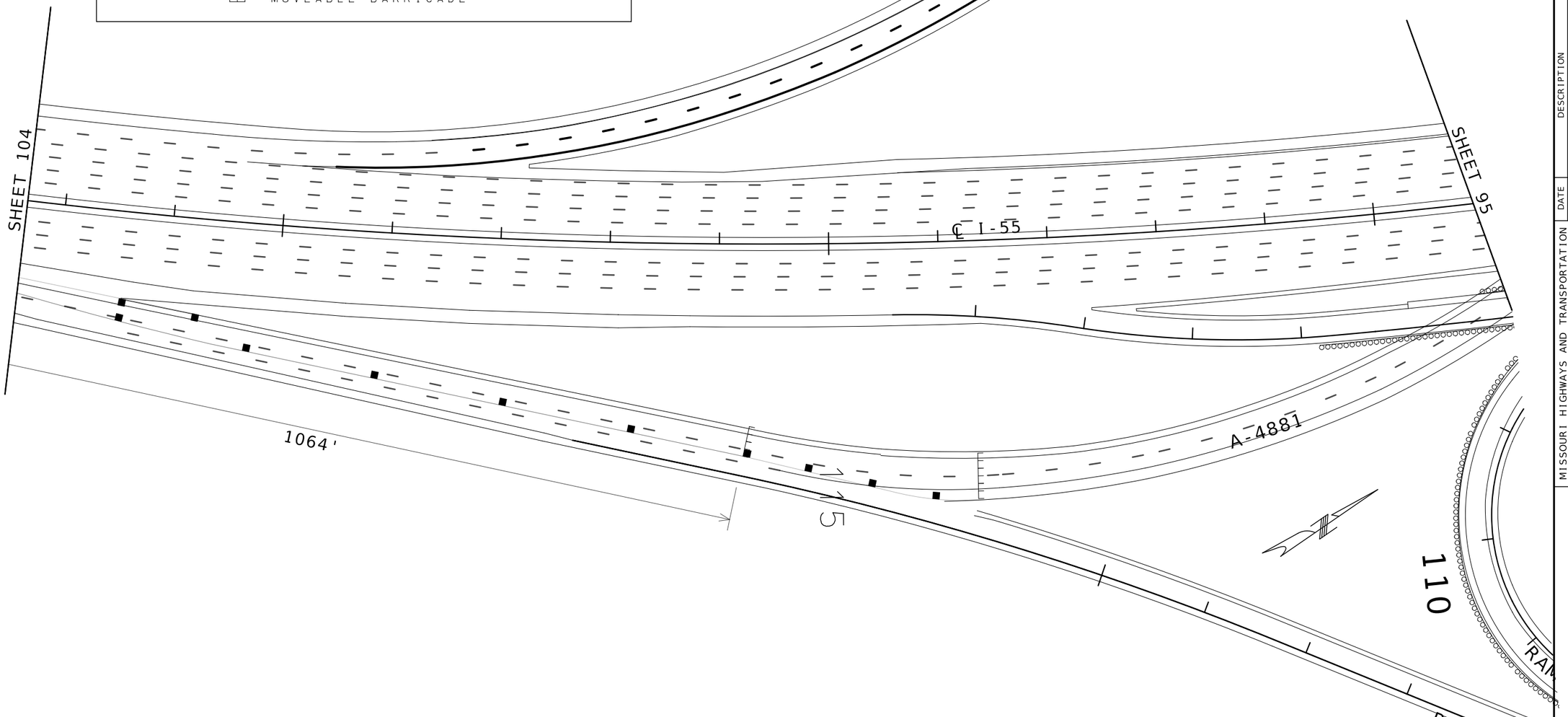
TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 21 OF 22

TRAFFIC CONTROL LEGEND

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- DIRECTIONAL INDICATOR BARRICADE
- CHANNELIZER (TRIM-LINE)
- WORK AREA
- FLASHING ARROW PANEL
- TEMPORARY CONCRETE BARRIER
- SAND BARREL ARRAY
- MOVEABLE BARRICADE

SCALE

0 50 100 150



STATE OF MISSOURI
STUART ROBINSON McNEIL
NUMBER PE-2006019687
PROFESSIONAL ENGINEER

10/05/2026 3:12:43 PM
STUART ROBINSON McNEIL - CIVIL
MO-PE-2006019687

DATE PREPARED
10/2/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
SL	108

COUNTY
ST.LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

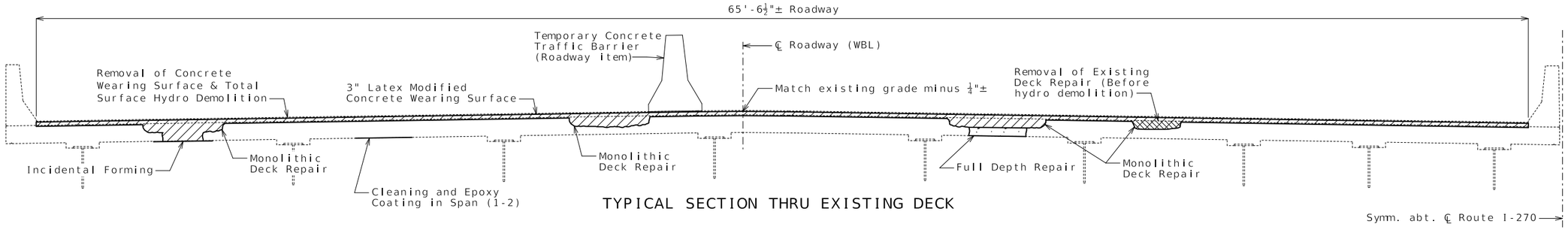
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TRAFFIC CONTROL
STAGE 2 - NIGHT
SHEET 22 OF 22

SEC/SUR 33 TWP 44N RGE 6E

U.I.P. AND REHABILITATE EXISTING (63.5'-84'-84'-53') CONTINUOUS COMPOSITE PLATE GIRDER SPANS (SKEW: 17°20'00" L.A.)



TYPICAL SECTION THRU EXISTING DECK

Estimated Quantities

	Item		Total
	Class 1 Excavation	cu. yard	225
	Total Surface Hydro Demolition	sq. yard	4158
	Removal of Concrete Wearing Surface	sq. foot	37,425
	Removal of Existing Deck Repair	sq. foot	1750
	Removal of Existing Barrier	linear foot	71
	Remove and Replace Approach Corbel	linear foot	223
	Removal of Approach Slab	sq. foot	6420
	Bridge Approach Slab (Major)	sq. yard	713
*	Supplementary Wearing Surface Material	cu. yard	76
	Latex Modified Concrete Wearing Surface	sq. yard	4158
	Diamond Grinding	sq. yard	4158
	Type B Barrier	linear foot	10
	Modified Type A Barrier	linear foot	58
	Substructure Repair (Unformed)	sq. foot	18
	Full Depth Repair	sq. foot	50
	Cleaning and Epoxy Coating	sq. foot	5
	Reinforcing Steel (Epoxy Coated)	pound	1700
	Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
	Vertical Drain at End Bents	each	2

* Supplementary wearing surface material for monolithic deck repair will be paid for at the fixed unit price in accordance with Sec 109.

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 6

Design Loading:

HS20-44 and Alternate Military (1961, 1975, 1989 & New Construction)

Design Unit Stresses:

Class B-1 Concrete (Barrier)	f'c = 4,000 psi
Class B-2 Concrete (Full Depth & Corbel)	f'c = 4,000 psi
Reinforcing Steel (ASTM A615 Grade 60)	fy = 60,000 psi

Joint Filler:

All joint filler shall be in accordance with Sec 1057 for preformed sponge rubber expansion and partition joint filler, except as noted.

Reinforcing Steel:

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Concrete Protective Coatings:

Protective coating for concrete bents and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before finalizing the shop drawings.

In order to maintain grade and a minimum thickness of wearing surface as shown on plans it may be necessary to use additional quantities of wearing surface at various locations throughout the structure. The cost of furnishing and installing the wearing surface will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of wearing surface.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE: ROUTE I-270 OVER VON TALGE ROAD AND BNSF R.R.

ROUTE I-270 FROM ROUTE 21 TO ROUTE I-55
ABOUT 1.6 MILES EAST OF ROUTE 21
BEGINNING STATION 1055+14.02 WBL ±, 1055+02.02 EBL ± (Match Existing)

Detailed June 2026
Checked June 2026

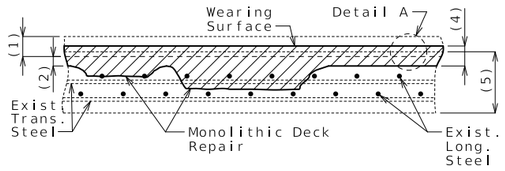
Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

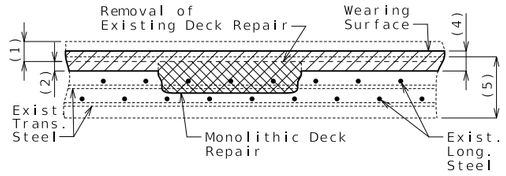
DATE PREPARED 8/20/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A10333

DESCRIPTION | DATE

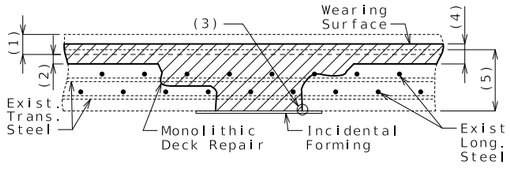
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



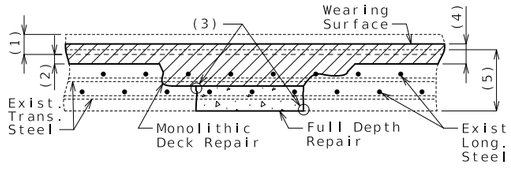
MONOLITHIC DECK REPAIR



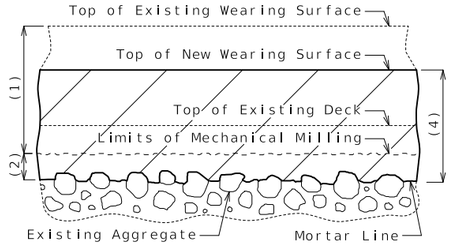
REMOVAL OF EXISTING DECK REPAIR BEFORE HYDRO DEMOLITION



MONOLITHIC DECK REPAIR REQUIRING INCIDENTAL FORMING



MONOLITHIC DECK REPAIR REQUIRING FULL DEPTH REPAIR



MILLING AND HYDRO DEMOLITION LIMITS

DETAIL A

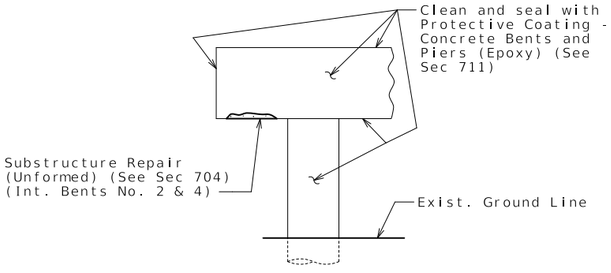
(1) Removal of existing 2 1/4"± silica fume concrete wearing surface plus 1/2" of existing deck

(2) 1/2" minimum total surface hydro demolition of sound concrete, measured to mortar line

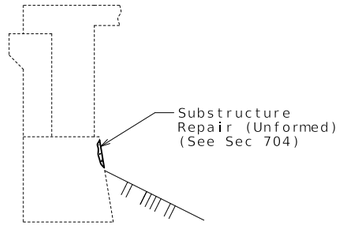
(3) 1" vertical side shall be established outside the deteriorated area.

(4) 3" minimum latex modified concrete wearing surface

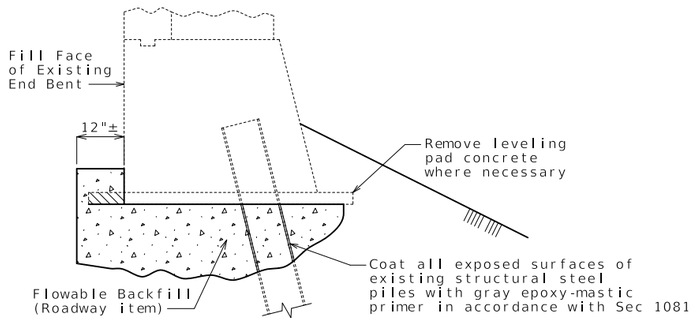
(5) Original depth of deck minus previous scarification



DETAILS OF INT. BENTS NO. 2 THRU 4 SHOWING PROTECTIVE COATING



DETAILS OF END BENTS NO. 1 & 5 SHOWING SUBSTRUCTURE REPAIR



PART SECTION SHOWING FLOWABLE BACKFILL AT EXPOSED PILES AT END BENTS NO. 1 & 5

Note: Coating of exposed surfaces of existing piles will be considered completely covered by the contract unit price for Flowable Backfill (Roadway item).

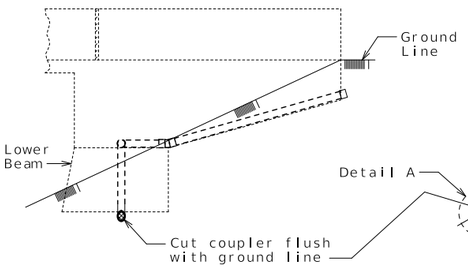
STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/20/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 2
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A10333

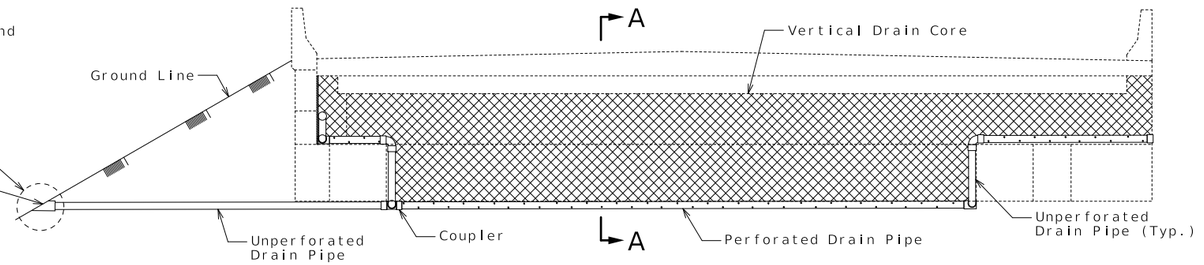
DESCRIPTION | DATE

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

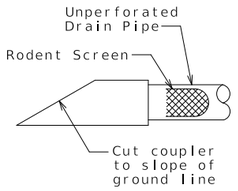
REHAB DETAILS



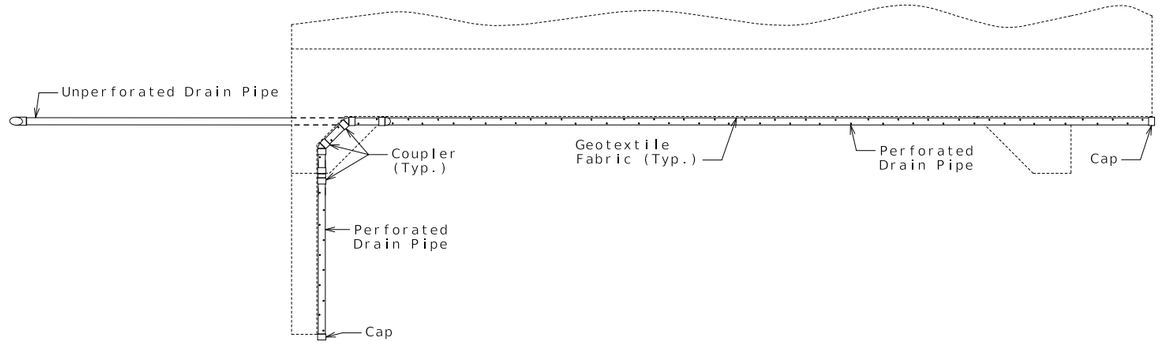
ELEVATION OF WING



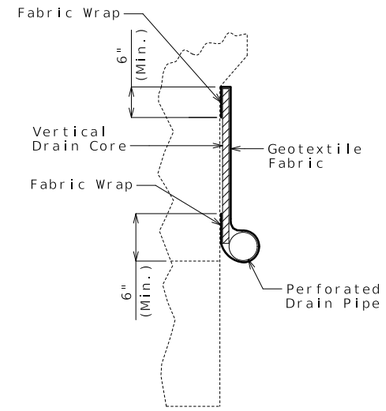
ELEVATION OF END BENT



DETAIL A



PLAN OF END BENT



PART SECTION A-A
(Section thru wing similar)

General Notes:

All drain pipe shall be sloped 1 to 2 percent.

Drain pipe may be either 6-inch diameter corrugated metallic-coated steel pipe underdrain, 4-inch diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4-inch diameter corrugated polyethylene (PE) drain pipe.

Drain pipe shall be placed at fill face of end bent and inside face of wings. The pipe shall slope to lowest grade of ground line, also missing the lower beam of end bent by a minimum of 1 1/2 inches.

Perforated pipe shall be placed at fill face side and inside face of wings at the bottom of end bent and plain pipe shall be used where the vertical drain ends to the exit at ground line.

VERTICAL DRAIN AT END BENTS

(Squared end bent shown, skewed end bent similar)

Detailed June 2026
Checked June 2026

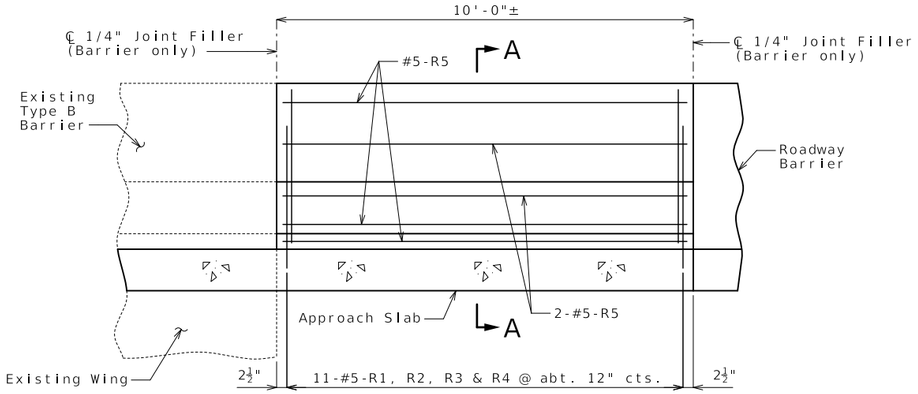
Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
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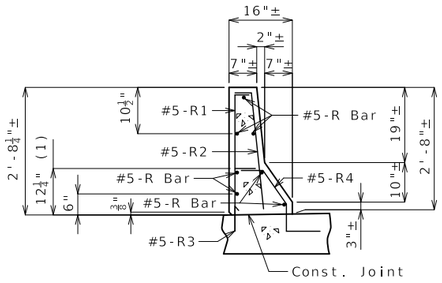
DATE PREPARED: 8/20/2026
ROUTE: I-270 | STATE: MO
DISTRICT: BR | SHEET NO.: 3
COUNTY: ST. LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A10333

DESCRIPTION | DATE

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

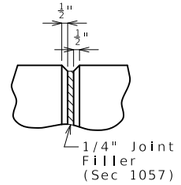


PART ELEVATION OF BARRIER



SECTION A-A

(1) To top of bar



PART ELEVATION AT FORMED JOINT

General Notes:

Top of barrier shall be built parallel to grade with barrier joints (except at end bents) normal to grade.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Payment for all concrete and reinforcement, complete in place, will be considered completely covered by the contract unit price for Type B Barrier per linear foot.

Concrete in the barrier shall be Class B-1.

Measurement of barrier is to the nearest linear foot for each structure, measured along the outside top of slab from end of barrier to end of barrier.

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for Type B Barrier.

Joint sealant and backer rods shall be in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

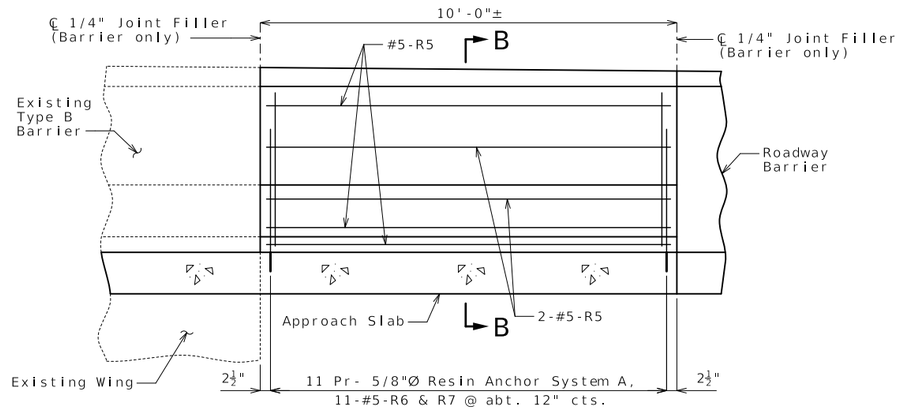
Plastic waterstop shall not be used with saw cut joints.

For notes of resin anchor system, see Sheet No. 5.

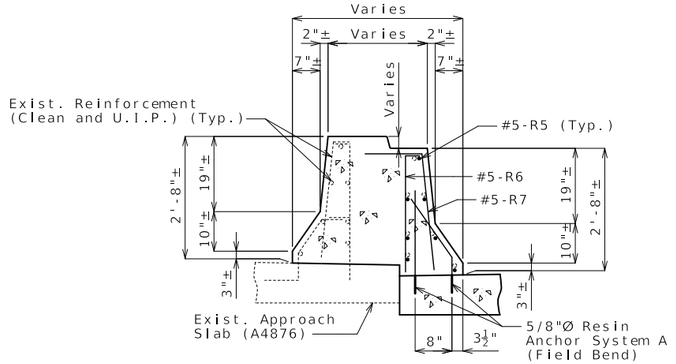
TYPE B BARRIER ON APPROACH SLAB AT END BENT NO. 5 WB

Note:

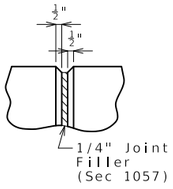
Removal of existing barrier, prior to removing approach slab, will be considered completely covered by the contract unit price for Removal of Existing Barrier.



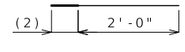
PART ELEVATION OF EB RIGHT BARRIER ON APPROACH SLAB AT END BENT NO. 1



SECTION B-B



PART ELEVATION AT FORMED JOINT



System A
(120 req'd)
(Field Bend)

(2) Manufacturer's recommended embedment length (5" min.)

DETAILS OF RESIN ANCHOR SYSTEM A

General Notes:

Top of barrier shall be built parallel to grade with barrier joints (except at end bents) normal to grade.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Payment for all concrete and reinforcement, complete in place, will be considered completely covered by the contract unit price for Modified Type A Barrier per linear foot.

Concrete in the barrier shall be Class B-1.

Measurement of barrier is to the nearest linear foot for each structure, measured along the outside top of slab from end of barrier to end of barrier.

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for Modified Type A Barrier.

Joint sealant and backer rods shall be in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

Plastic waterstop shall not be used with saw cut joints.

For notes of resin anchor system, see Sheet No. 5.

MODIFIED TYPE A BARRIER ON APPROACH SLAB AT END BENT NO. 1 EB

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
10/7/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
BR	4

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

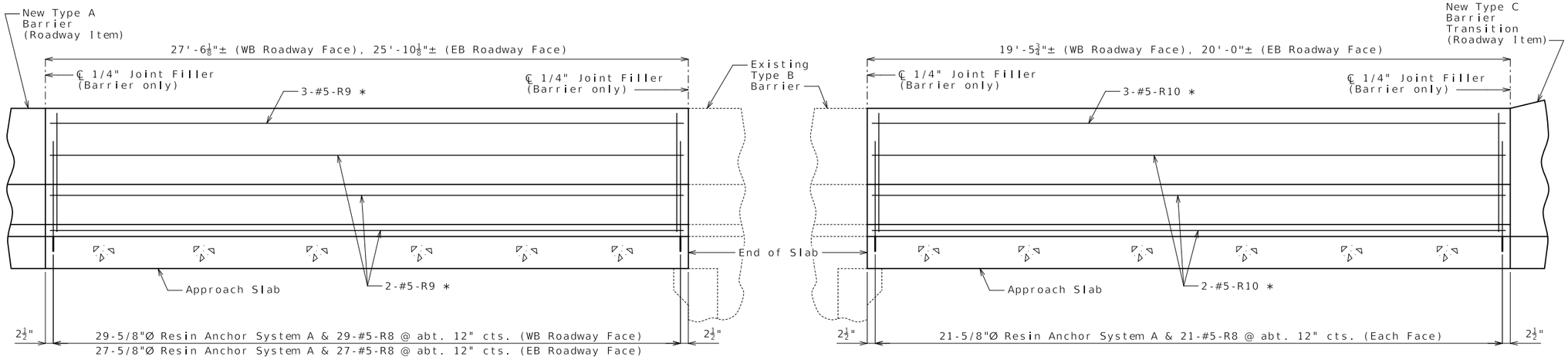
PROJECT NO.

BRIDGE NO.
A10333

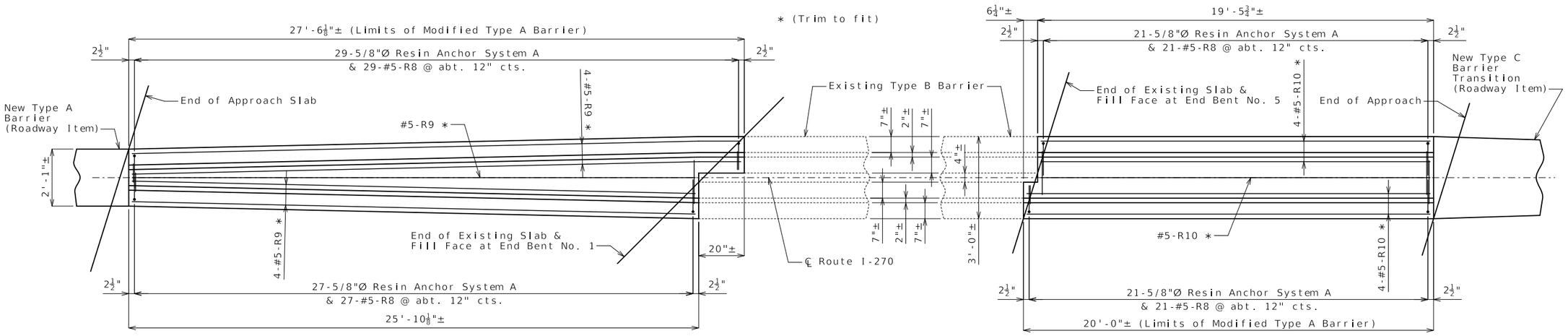
DESCRIPTION

DATE

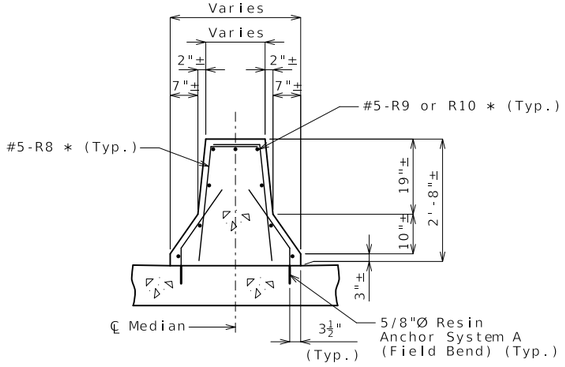
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



PART ELEVATION



PART PLAN



TYPICAL SECTION THRU MODIFIED TYPE A BARRIER

Note:

Removal of existing barrier, prior to removing approach slab, will be considered completely covered by the contract unit price for Removal of Existing Barrier.

General Notes:

Top of barrier shall be built parallel to grade with barrier joints (except at end bents) normal to grade.

All exposed edges of barrier shall have either a 1/2-inch radius or a 3/8-inch bevel, unless otherwise noted.

Payment for all concrete and reinforcement, complete in place, will be considered completely covered by the contract unit price for Modified Type A Barrier per linear foot.

Concrete in the barrier shall be Class B-1.

Measurement of barrier is to the nearest linear foot for each structure, measured along the top of approach slab from end of barrier to end of barrier.

Concrete traffic barrier delineators shall be placed on top of the barrier as shown on Missouri Standard Plan 617.10 and in accordance with Sec 617. Delineators on bridges with two-lane, two-way traffic shall have retroreflective sheeting on both sides. Concrete traffic barrier delineators will be considered completely covered by the contract unit price for Modified Type A Barrier.

Joint sealant and backer rods shall be in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

Plastic waterstop shall not be used with saw cut joints.

For Details of Resin Anchor System A, see Sheet No. 4.

For notes of resin anchor system, see Sheet No. 6.

MODIFIED TYPE A BARRIER ON APPROACH SLAB

Detailed June 2026
Checked June 2026

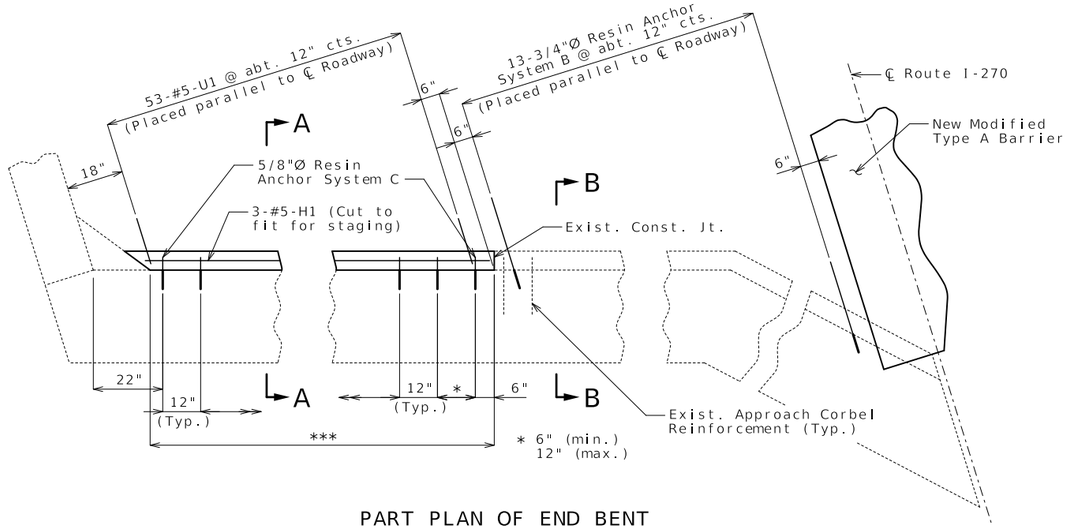
Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/20/2026
ROUTE: I-270 | STATE: MO
DISTRICT: BR | SHEET NO.: 5
COUNTY: ST. LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A10333

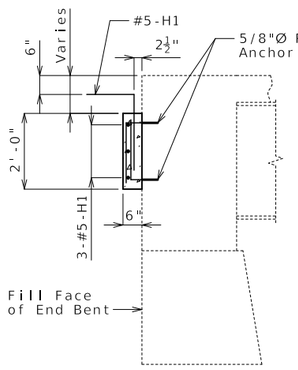
DESCRIPTION | DATE

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

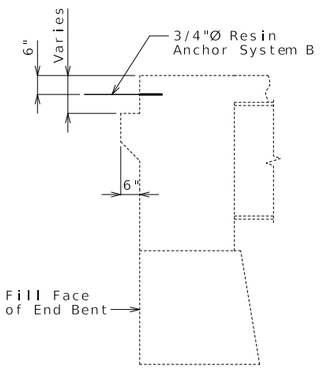


PART PLAN OF END BENT

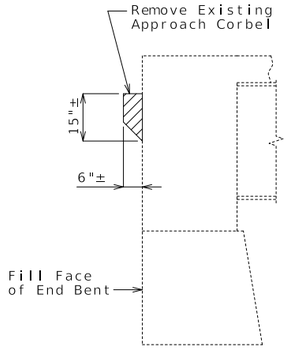
(EB Lane shown, WB Lane similar)



SECTION A-A



SECTION B-B



SECTION THRU END BENTS
SHOWING APPROACH CORBEL REMOVAL

Notes:

*** The extent of corbel rehabilitation to extend from inside face of wings to the second longitudinal joint. Approximate limit of corbel rehabilitation shall be 55'-7 7/8"± (End Bent No. 1) and 55'-11 7/8"± (End Bent No. 5) from working point measured along the fill face.

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

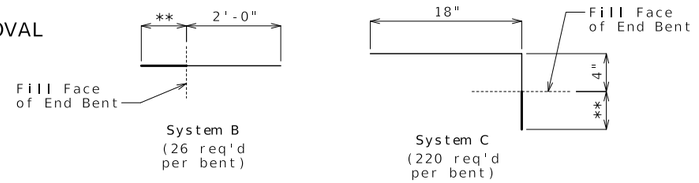
Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for Remove and Replace Approach Corbel.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5".

An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the 5/8"Ø threaded rod.

An epoxy coated #6 Grade 60 reinforcing bar shall be substituted for the 3/4"Ø threaded rod.

Note: Approach corbel concrete shall be Class B-2 Concrete.



DETAILS OF RESIN ANCHOR SYSTEMS

** Manufacturer's recommended embedment length (5" min.)

REMOVE AND REPLACE APPROACH CORBEL

(End Bent No. 1 shown, End Bent No. 5 similar)

Detailed June 2026
Checked June 2026

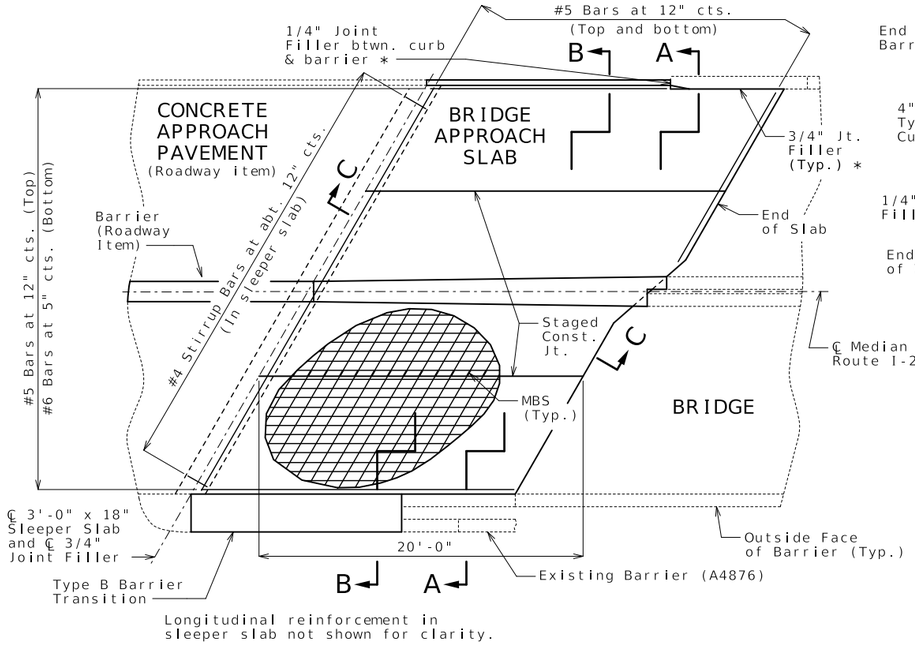
Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

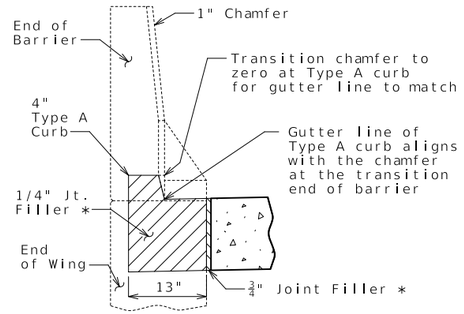
DATE PREPARED 8/20/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 6
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A10333

DESCRIPTION | DATE

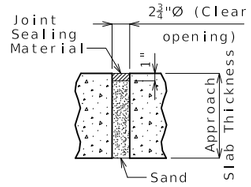
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



PART PLAN SHOWING REINFORCEMENT

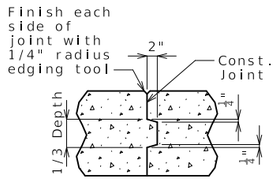


SECTION BETWEEN BARRIER AND CURB



UNDERSEAL ACCESS HOLE DETAIL

(If required)



CONSTRUCTION JOINT DETAIL

General Notes:

All concrete for the bridge approach slab and sleeper slab shall be in accordance with Sec 503 (f'c = 4,000 psi).

The reinforcing steel in the bridge approach slab and the sleeper slab shall be epoxy coated Grade 60 with fy = 60,000 psi.

Drain pipe may be either 6" diameter corrugated metallic-coated pipe underdrain, 4" diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4" diameter corrugated polyethylene (PE) drain pipe.

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

The reinforcing steel in the bridge approach slab and the sleeper slab shall be continuous. The transverse reinforcing steel may be made continuous by providing a minimum lap splice of 24 inches for #5 bars and 40 inches for #6 bars, or by mechanical bar splice.

Mechanical bar splices shall be in accordance with Sec 710.

All joint filler shall be in accordance with Sec 1057 for preformed fiber expansion joint filler except as noted.

The contractor shall pour and satisfactorily finish the bridge slab before placing the bridge approach slab.

Longitudinal construction joints in approach slab and sleeper slab shall be aligned with longitudinal construction joints in bridge slab.

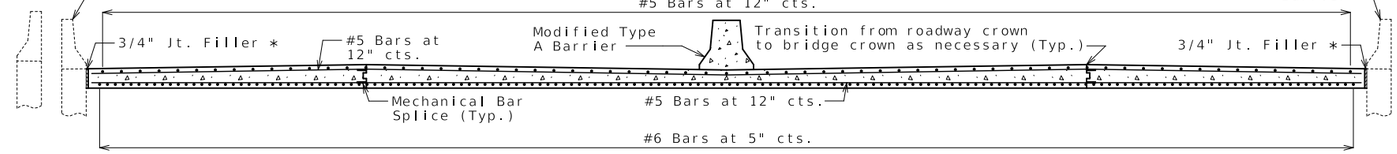
For concrete approach pavement details, see roadway plans.

See Missouri Standard Plan 609.00 for details of Type A curb.

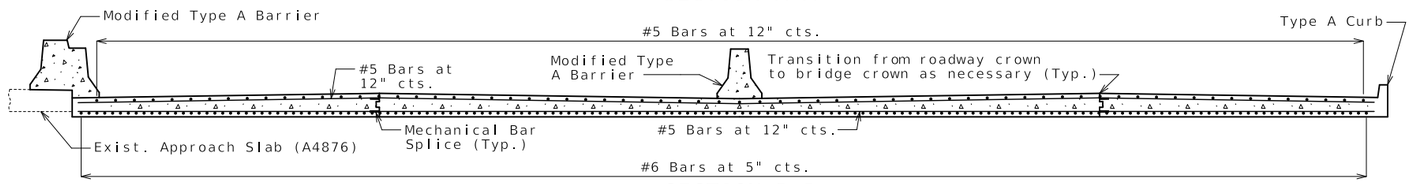
Payment for furnishing all materials, labor and excavation necessary to construct the approach slab, including the timber header, sleeper slab, underdrain, Type 5 aggregate base, joint filler and all other appurtenances and incidental work as shown on this sheet, complete in place, will be considered completely covered by the contract unit price for Bridge Approach Slab (Major) per square yard.

* Seal joint between vertical face of approach slab and wing with sealant in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

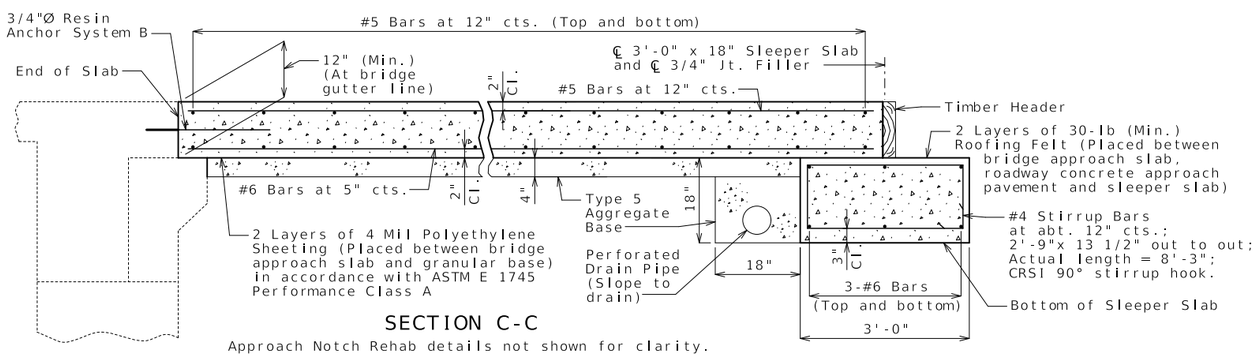
For details of Remove and Replace Approach Corbel, see Sheet No. 6.



SECTION A-A

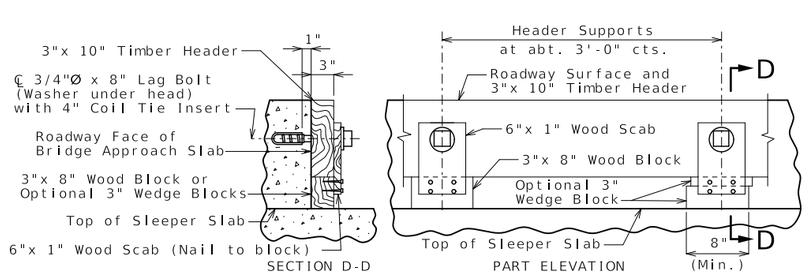


SECTION B-B



SECTION C-C

Approach Notch Rehab details not shown for clarity.



DETAILS OF TIMBER HEADER

Remove timber header when concrete pavement is placed.

BRIDGE APPROACH SLAB (MAJOR) AT END BENT NO. 1

Detailed May 2026
Checked June 2026

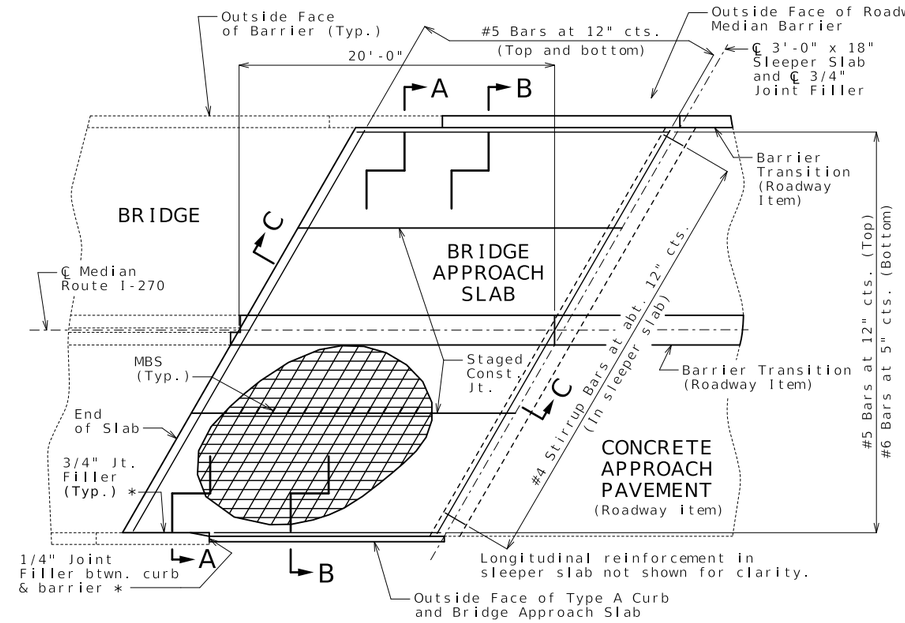
Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

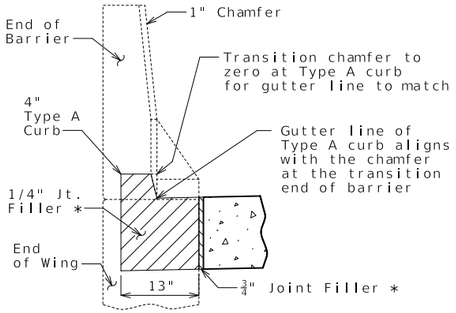
DATE PREPARED 8/20/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 7
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A10333

DESCRIPTION | DATE

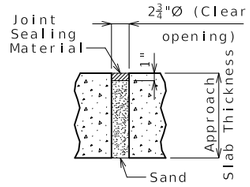
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



PART PLAN SHOWING REINFORCEMENT

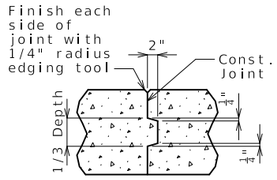


SECTION BETWEEN BARRIER AND CURB



UNDERSEAL ACCESS HOLE DETAIL

(If required)



CONSTRUCTION JOINT DETAIL

General Notes:

All concrete for the bridge approach slab and sleeper slab shall be in accordance with Sec 503 (f'c = 4,000 psi).

The reinforcing steel in the bridge approach slab and the sleeper slab shall be epoxy coated Grade 60 with fy = 60,000 psi.

Drain pipe may be either 6" diameter corrugated metallic-coated pipe underdrain, 4" diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4" diameter corrugated polyethylene (PE) drain pipe.

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

The reinforcing steel in the bridge approach slab and the sleeper slab shall be continuous. The transverse reinforcing steel may be made continuous by providing a minimum lap splice of 24 inches for #5 bars and 40 inches for #6 bars, or by mechanical bar splice.

Mechanical bar splices shall be in accordance with Sec 710.

All joint filler shall be in accordance with Sec 1057 for preformed fiber expansion joint filler except as noted.

The contractor shall pour and satisfactorily finish the bridge slab before placing the bridge approach slab.

Longitudinal construction joints in approach slab and sleeper slab shall be aligned with longitudinal construction joints in bridge slab.

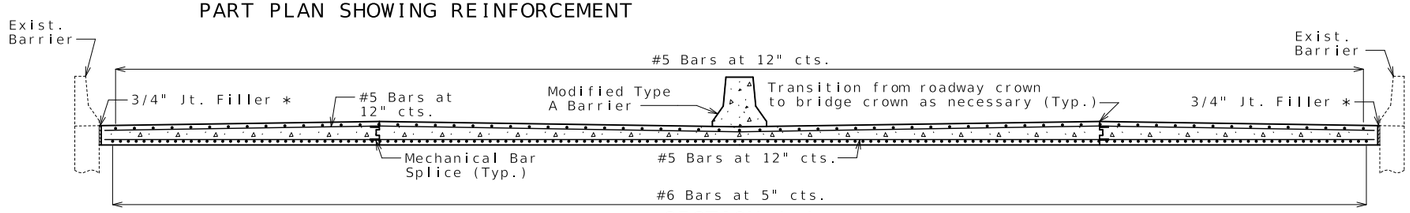
For concrete approach pavement details, see roadway plans.

See Missouri Standard Plan 609.00 for details of Type A curb.

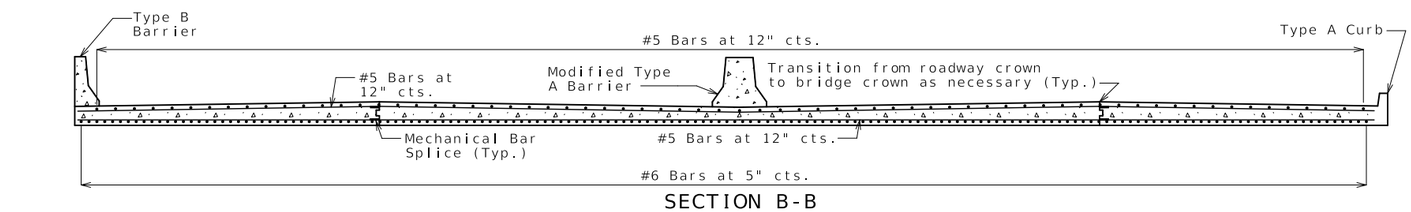
Payment for furnishing all materials, labor and excavation necessary to construct the approach slab, including the timber header, sleeper slab, underdrain, Type 5 aggregate base, joint filler and all other appurtenances and incidental work as shown on this sheet, complete in place, will be considered completely covered by the contract unit price for Bridge Approach Slab (Major) per square yard.

* Seal joint between vertical face of approach slab and wing with sealant in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

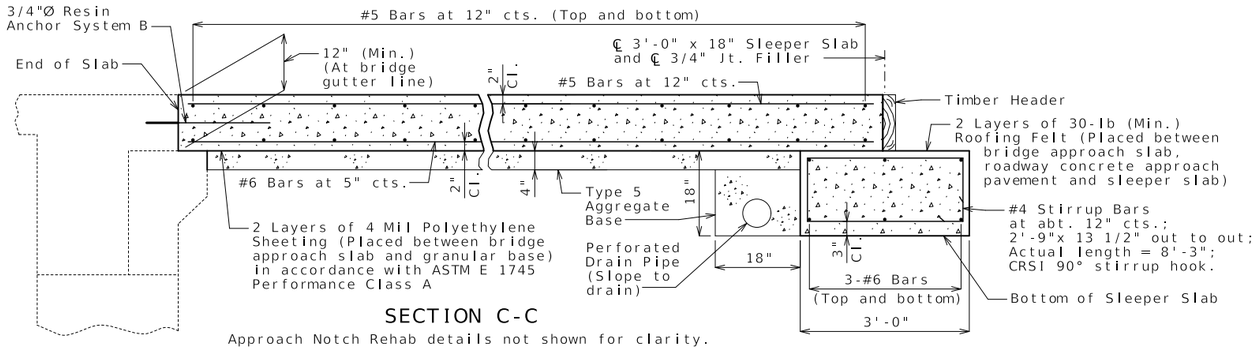
For details of Remove and Replace Approach Corbel, see Sheet No. 6.



SECTION A-A

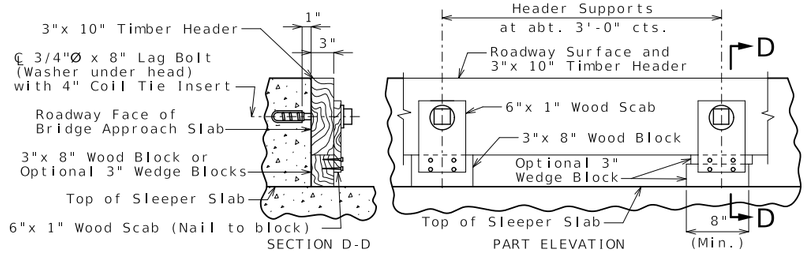


SECTION B-B



SECTION C-C

Approach Notch Rehab details not shown for clarity.



DETAILS OF TIMBER HEADER

Remove timber header when concrete pavement is placed.

BRIDGE APPROACH SLAB (MAJOR) AT END BENT NO. 5

Detailed May 2026
Checked June 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

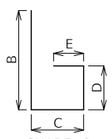
DATE PREPARED 8/20/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
BR	8

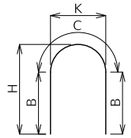
COUNTY: ST. LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A10333

DESCRIPTION | DATE

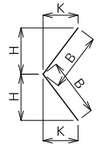
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



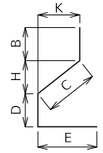
SHAPE 6
or 6S



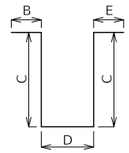
SHAPE 7



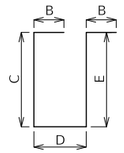
SHAPE 8
or 8S



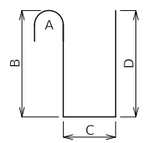
SHAPE 9
or 9S



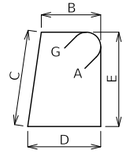
SHAPE 10
or 10S



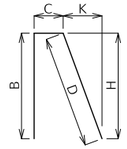
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or 11S



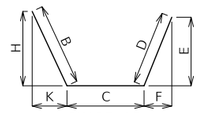
SHAPE 12



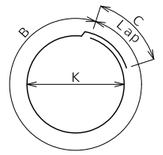
SHAPE 13S



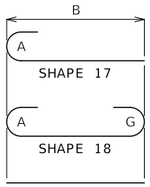
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or 14S



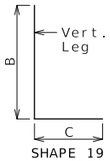
SHAPE 15
or 15S



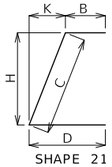
SHAPE 16



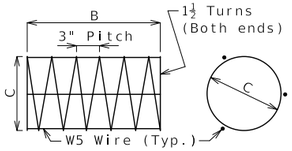
SHAPE 17
SHAPE 18
SHAPE 20



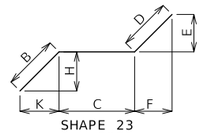
SHAPE 19
or 19S



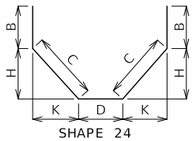
SHAPE 21
or 21S



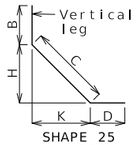
SHAPE 22



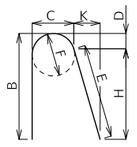
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or 23S



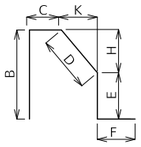
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or 24S



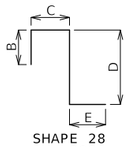
SHAPE 25
or 25S



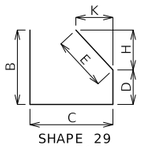
SHAPE 26



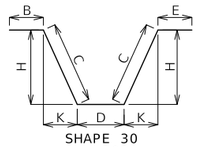
SHAPE 27S



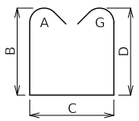
SHAPE 28
or 28S



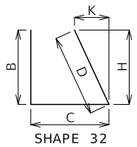
SHAPE 29
or 29S



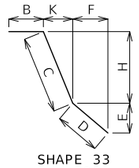
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or 30S



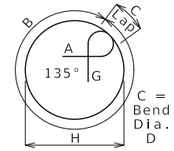
SHAPE 31S



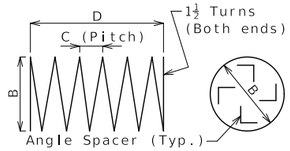
SHAPE 32
or 32S



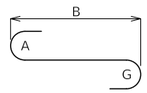
SHAPE 33
or 33S



SHAPE 34S



SHAPE 35 (1)

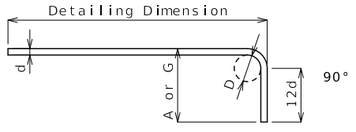


SHAPE 36

Finished Bend Diameters D and Hook Dimensions

Standard Pin Bend Shapes

Size	Case	D	A or G		J
			90°	180°	180°
#4	1	3"	8"	6"	4"
#5	1	3¾"	10"	7"	5"
#6	1	4½"	12"	8¼"	6"
#7	2	5¼"	14"	9¾"	7"
	3	7"	15"	11½"	8¾"
#8	2	6"	16"	11"	8"
	3	8"	17"	13¼"	10"
#9	1	9½"	19½"	15½"	11¾"
#10	1	10¾"	22"	17½"	13¼"
#11	1	12"	24½"	19½"	14⅞"
#14	1	18¼"	31¼"	27½"	21⅝"
#18	1	24"	41½"	36¾"	28½"

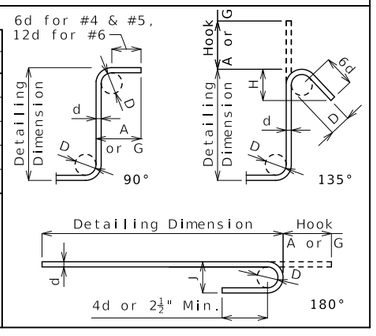


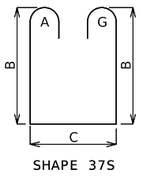
Stirrup Pin Bend Shapes (S)

Size	Case	D	A or G			H	J
			90°	135°	180°	135°	180°
#4	2	2"	4½"	4½"	5"	2⅝"	3"
	3	3"	5"	5¼"	6"	3"	4"
#5	2	2½"	5¾"	5¾"	5¾"	3⅝"	3¾"
	3	3¾"	6¼"	6½"	7"	3⅞"	5"
#6	1	4½"	12"	7¾"	8¼"	4⅝"	6"

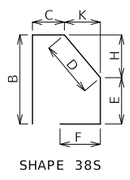
Applicable for all grades of steel.

Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.





SHAPE 37S



SHAPE 38S

BENDING DIAGRAMS

All dimensions are out to out.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes.

Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

(1) Shall be a deformed or plain spiral bar or wire.

Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.

Reinforcing Steel Totals (Pounds)

		Substructure		Superstructure				Entire Bridge	
				Slab			Slip		
	Size	Plain	Coated	Plain	Coated	Barrier	Form	Plain	Coated
By Size	W5	0	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0	0
	5	0	0	0	1,701	1,142	0	0	2,843
	6	0	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0	0
	8	0	0	0	0	0	0	0	0
	9	0	0	0	0	0	0	0	0
	10	0	0	0	0	0	0	0	0
	11	0	0	0	0	0	0	0	0
	14	0	0	0	0	0	0	0	0
	18	0	0	0	0	0	0	0	0
By Type		0	0	0	1,701	1,142	0	0	2,843

All superstructure reinforcing steel shall be Epoxy Coated unless otherwise specified.

BENDING DIAGRAMS AND REINFORCING STEEL TOTALS

Detailed June 2026
Checked June 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/20/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
BR	9

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A10333

DESCRIPTION	DATE

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

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes C	Codes SH	Codes V	Dimensions B ft in.	C ft in.	D ft in.	E ft in.	F ft in.	H ft in.	K ft in.	Nom. Length ft in.	Actual Length ft in.	Weight lb
		SUPERSTRUCTURE													
		END BENTS 1 & 5													
24	5 H1	APPROACH CORBEL	E	20		40 0.00							40 0	40 0	1,001
212	5 U1	APPROACH CORBEL	E	19S		2 0.00	15.00						3 3	3 2	700
		BARRIER													
		TYPE B													
11	5 R1	BARRIER	E	19S		2 5.00	3.50						2 9	2 7	30
11	5 R2	BARRIER	E	15S		2 5.25	3.50				2 5.00	3.00	2 9	2 6	29
11	5 R3	BARRIER	E	19S		17.75	5.75						2 0	1 10	21
11	5 R4	BARRIER	E	27S			5.75	11.75	7.75	12.00	9.50	6.75	3 1	2 11	33
14	5 R5	BARRIER	E	20		9 9.00							9 9	9 9	142
11	5 R6	BARRIER	E	19S		2 5.00	3.50						2 9	2 7	30
11	5 R7	BARRIER	E	15S		2 5.25	2 0.00				2 5.00	3.00	4 5	4 3	49
		MODIFIED TYPE A													
98	5 R8	BARRIER	E	15S		2 5.25	16.00				2 5.00	3.00	3 9	3 7	366
9	5 R9	BARRIER	E	20		27 4.00							27 4	27 4	257
9	5 R10	BARRIER	E	20		19 9.00							19 9	19 9	185

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes C	Codes SH	Codes V	Dimensions B ft in.	C ft in.	D ft in.	E ft in.	F ft in.	H ft in.	K ft in.	Nom. Length ft in.	Actual Length ft in.	Weight lb

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

For bending diagrams and steel reinforcing totals, see Sheet No. 9.

Reinforcing steel (ASTM A615 Grade 60) fy = 60,000 psi

Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

Detailed June 2026
Checked June 2026

Note: This drawing is not to scale. Follow dimensions.

BILL OF REINFORCING STEEL

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER

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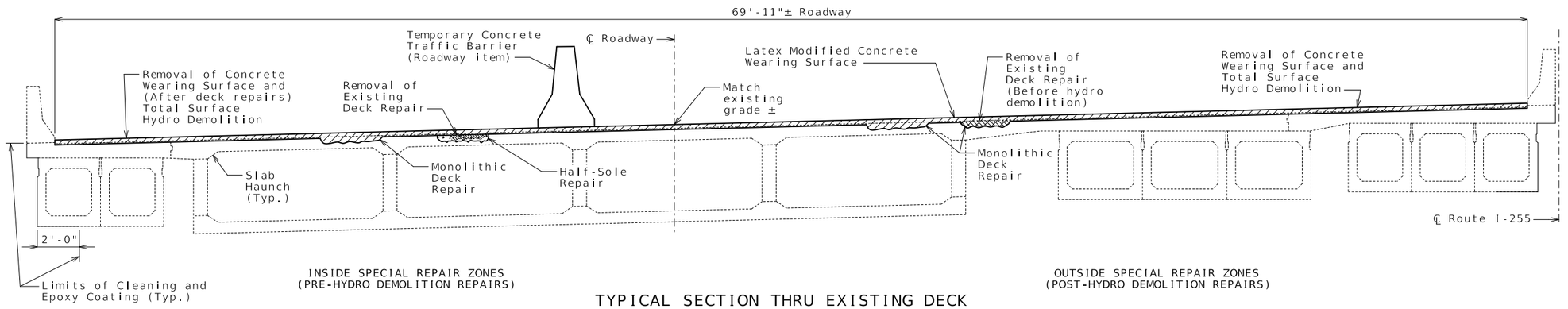
DATE PREPARED: 8/20/2026
ROUTE: I-270
STATE: MO
DISTRICT: BR
SHEET NO.: 10
COUNTY: ST. LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A10333

DESCRIPTION	DATE

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

SEC/SUR 34 TWP 43N RGE 6E

U.I.P. AND REHABILITATE EXISTING (52'-80'-71'-62'-46') CONTINUOUS CONCRETE BOX GIRDER AND PRESTRESSED CONCRETE ADJACENT BOX BEAM SPANS (SKEW: VARIES)



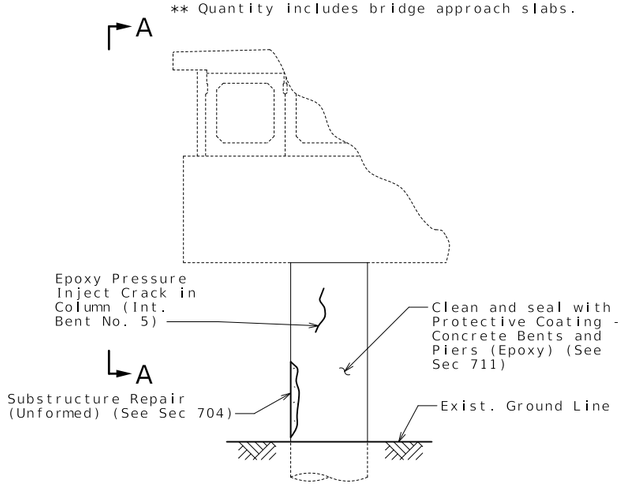
TYPICAL SECTION THRU EXISTING DECK

Estimated Quantities

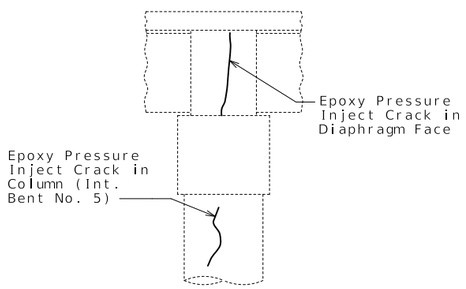
	Item		Total
**	Total Surface Hydro Demolition	sq. yard	2854
**	Removal of Concrete Wearing Surface	sq. foot	25,682
	Removal of Existing Deck Repair	sq. foot	3900
*	Supplementary Wearing Surface Material	cu. yard	51
**	Latex Modified Concrete Wearing Surface	sq. yard	2854
**	Diamond Grinding	sq. yard	2854
	Substructure Repair (Unformed)	sq. foot	31
	Half-Sole Repair	sq. foot	50
	Epoxy Pressure Injecting	linear foot	30
	Cleaning and Epoxy Coating	sq. foot	4082
	Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
	Dowel Bar Retrofit at Bridge Joints	linear foot	141

* Supplementary wearing surface material for monolithic deck repair will be paid for at the fixed unit price in accordance with Sec 109.

** Quantity includes bridge approach slabs.



DETAILS OF INT. BENTS NO. 2 THRU 5 SHOWING PROTECTIVE COATING



SECTION A-A

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 7

Design Loading:

HS20-44 Modified (1961, 1979, 1990 & New Construction)

Design Unit Stresses:

Class B-2 Concrete (Half-Sole & End Bents) f'c = 4,000 psi

Concrete Protective Coatings:

Protective coating for concrete bents and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Miscellaneous:

Roadway surfacing adjacent to approach slab ends shall match new bridge and approach slab wearing surface (roadway item).

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

In order to maintain grade and a minimum thickness of wearing surface as shown on plans it may be necessary to use additional quantities of wearing surface at various locations throughout the structure. The cost of furnishing and installing the wearing surface will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of wearing surface.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER

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DATE PREPARED 8/20/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
BR	1

COUNTY: ST. LOUIS

JOB NO.: JSL0053

CONTRACT ID.:

PROJECT NO.:

BRIDGE NO.: A12333

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

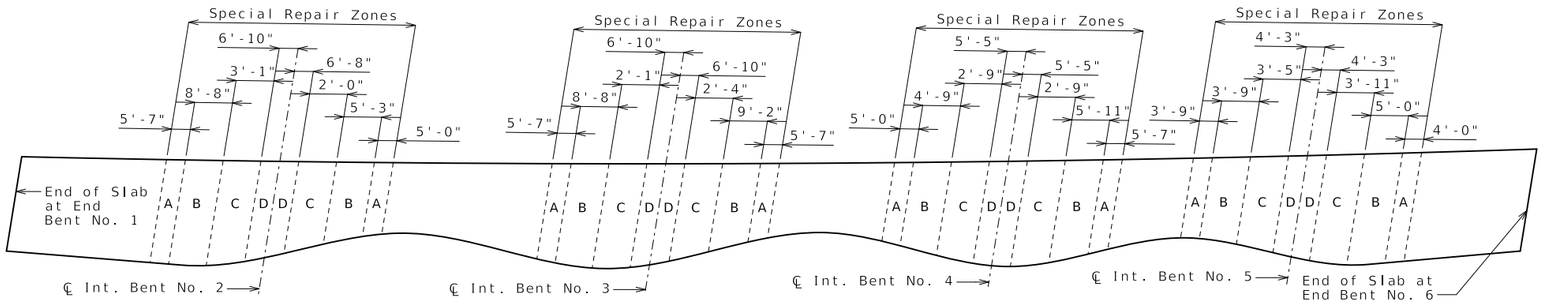
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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Detailed June 2026
Checked June 2026

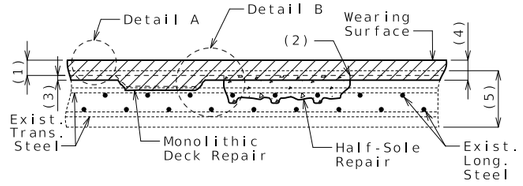
Note: This drawing is not to scale. Follow dimensions.

REPAIRS TO BRIDGE: ROUTE I-255 NB OVER ROUTE I-55

ROUTE I-255 NB FROM ROUTE 67 TO ROUTE 21
ABOUT 0.5 MILE WEST OF ROUTE 67
BEGINNING STATION 1072+01.26± (Match Existing)

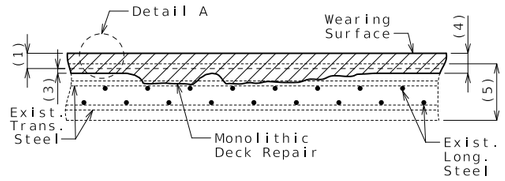


PART PLAN OF SLAB SHOWING SPECIAL REPAIR ZONES



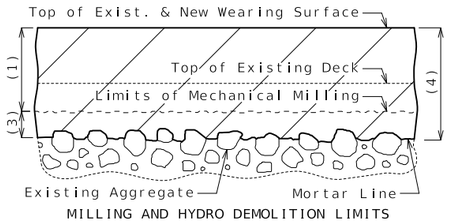
MONOLITHIC AND HALF-SOLE REPAIR

DECK REPAIR INSIDE SPECIAL REPAIR ZONES (BEFORE HYDRO DEMOLITION)



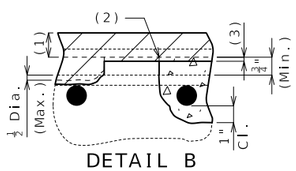
MONOLITHIC DECK REPAIR

DECK REPAIR OUTSIDE SPECIAL REPAIR ZONES (AFTER HYDRO DEMOLITION)



MILLING AND HYDRO DEMOLITION LIMITS

DETAIL A



DETAIL B

Monolithic deck repair shall be used when only half the diameter or less of the top bar is exposed.

Clearance around top bar and around bottom bar at the intersection of top bar shall be required when more than half the diameter of the top bar is exposed.

(1) Removal of existing 2"± silica fume concrete wearing surface plus 1/2" of existing deck

(2) 1" vertical side shall be established outside the deteriorated area.

(3) Total surface hydro demolition of sound concrete, measured to mortar line:

1/4" minimum inside special repair zones

1/2" minimum outside special repair zones

(4) Latex modified concrete wearing surface:

2 3/4" minimum inside special repair zones

3" minimum outside special repair zones

(5) Original thickness of top slab minus previous scarification

Deck Repair Notes:

Order of Repair:

1. Remove existing wearing surface plus 1/2" of existing deck.
2. Power wash deck to identify sound and unsound existing deck repair.
3. Inside special repair zones, complete the following repairs:
   a. Removal of existing deck repair
   b. Half-sole repair
4. Outside special repair zones, remove existing deck repair.
5. Complete total surface hydro demolition, removing 1/4" minimum of sound concrete inside special repair zones and removing 1/2" minimum of sound concrete and all deteriorated concrete outside special repair zones.
6. Sound deck and if needed complete incidental concrete removal.
7. Place new wearing surface including additional material for areas of monolithic deck repair.

Special Repair Zones:

Deck repair required in the areas designated as special repair zones shall be completed before hydro demolition in alphabetical sequence beginning with Zone A. Zones with the same letter designation may be repaired at the same time. Hydro demolition shall not move forward until the repairs in all special repair zones are completed and properly cured.

Any deck repair in areas not designated as a special repair zone shall be completed after hydro demolition.

Removal and deck repair shall be completed in one special repair zone and concrete shall have attained a compressive strength of 3200 psi before work can be started in the next special repair zone.

Interior falsework installed by the contractor resting on the bottom slab shall be removed where entry access is available.

If any single repair area does not exceed 9 square feet in size and the total repair area within a special repair zone does not exceed 27 square feet, the special repair zone may repaired at the same time as an adjacent zone.

Half-sole repair in the special repair zone, on either side of the intermediate bents, shall be to a depth that will not expose half the diameter of the longitudinal reinforcing bar. Full depth repair shall be made when removal of deteriorated concrete exposes half or more of the diameter of the longitudinal reinforcing bar.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/20/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
BR	2

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

BRIDGE NO.
A12333

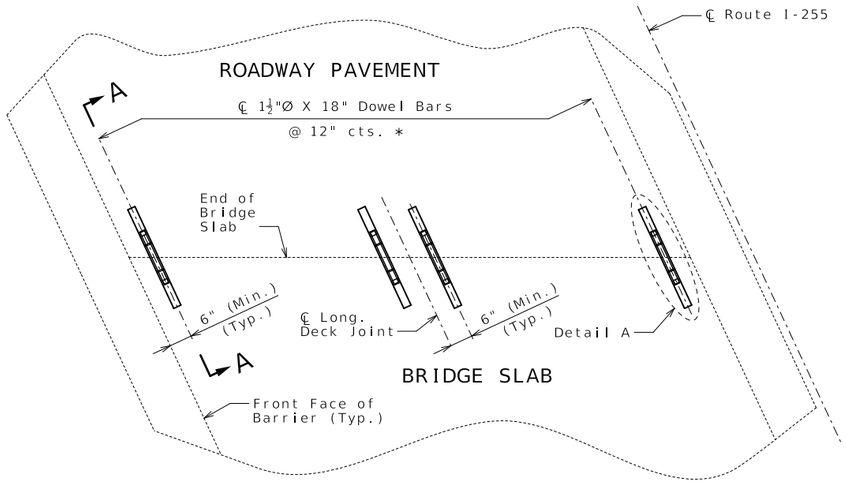
DESCRIPTION	DATE

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

DECK REPAIR DETAILS

Detailed June 2026
Checked June 2026

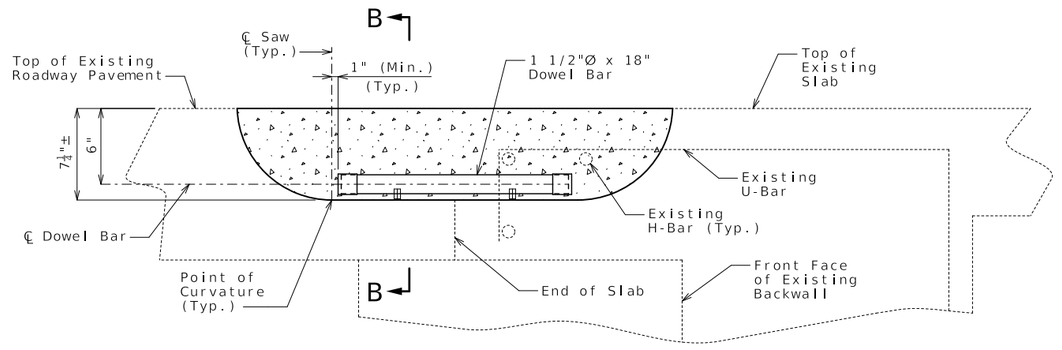
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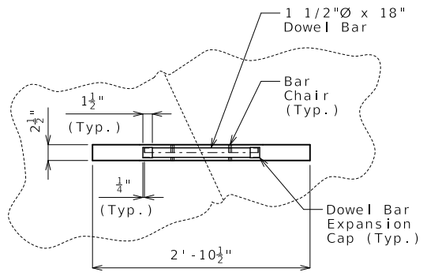
PART PLAN OF SLAB AT END
BENTS NO. 1 & 6 SHOWING
DOWEL BAR PLACEMENT

(End Bent No. 6 shown, End Bent No. 1 similar)

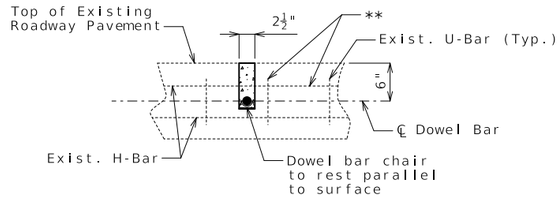
* Space Dowel Bars between Longitudinal Deck Joints



SECTION A-A



DETAIL A



** Existing H-bars and U-bars
shall be saw cut at dowel
bar locations as necessary.

SECTION B-B

Notes:

Saw Cut dimensions are based on a 15"Ø blade.

The ℄ of Saw Cuts & Dowel Bars shall be parallel to ℄ Median.

Cost of furnishing and installing the retrofit Dowel Bars, complete in place, will be considered completely covered by the contract unit price per linear foot for Dowel Bar Retrofit at Bridge Joints measured along the end of slab.

DETAILS OF DOWEL BARS AT END BENTS NO. 1 & 6

Detailed June 2026
Checked June 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER

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DATE PREPARED
8/20/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
BR	3

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

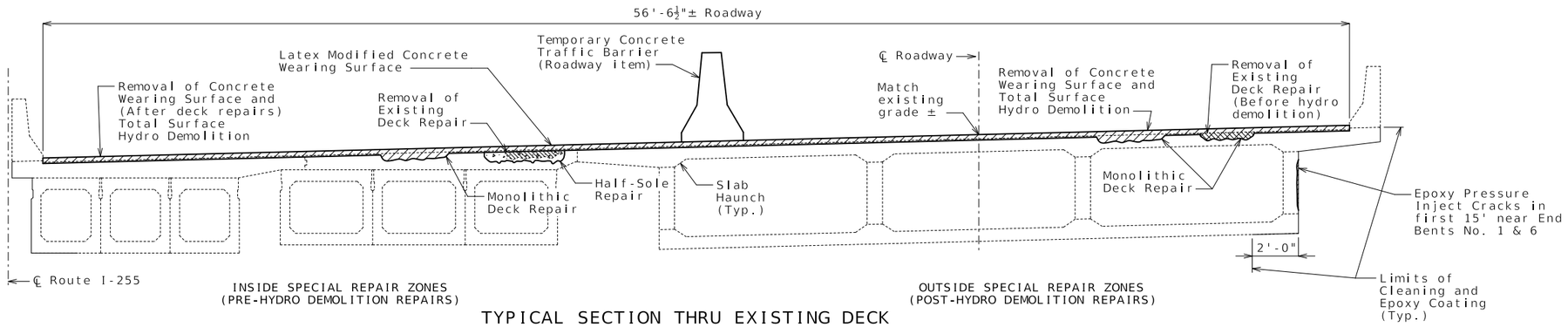
BRIDGE NO.
A12333

DESCRIPTION	DATE

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

SEC/SUR 34 TWP 43N RGE 6E

U.I.P. AND REHABILITATE EXISTING (52'-80'-71'-62'-46') CONTINUOUS CONCRETE BOX GIRDER AND PRESTRESSED CONCRETE ADJACENT BOX BEAM SPANS (SKEW: VARIES)



TYPICAL SECTION THRU EXISTING DECK

Estimated Quantities

	Item		Total
**	Total Surface Hydro Demolition	sq. yard	2273
**	Removal of Concrete Wearing Surface	sq. foot	20,458
	Removal of Existing Deck Repair	sq. foot	3325
	Remove and Replace Barrier Curb	linear foot	6
*	Supplementary Wearing Surface Material	cu. yard	54
**	Latex Modified Concrete Wearing Surface	sq. yard	2273
**	Diamond Grinding	sq. yard	2273
	Substructure Repair (Unformed)	sq. foot	12
	Half-Sole Repair	sq. foot	50
	Epoxy Pressure Injecting	linear foot	100
	Cleaning and Epoxy Coating	sq. foot	5172
	Fiber Reinforced Polymer Wrap	sq. foot	66
	Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
	Dowel Bar Retrofit at Bridge Joints	linear foot	144

* Supplementary wearing surface material for monolithic deck repair will be paid for at the fixed unit price in accordance with Sec 109.

** Quantity includes bridge approach slabs.

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 6

Design Loading:

HS20-44 Modified (1961, 1979, 1990 & New Construction)

Design Unit Stresses:

Class B-1 Concrete (Barrier)	f'c = 4,000 psi
Class B-2 Concrete (Half-Sole & End Bents)	f'c = 4,000 psi
Reinforcing Steel (ASTM A615 Grade 60)	fy = 60,000 psi

Concrete Protective Coatings:

Protective coating for concrete bents and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Miscellaneous:

Roadway surfacing adjacent to approach slab ends shall match new bridge and approach slab wearing surface (roadway item).

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before finalizing the shop drawings.

Bars bonded in existing concrete not removed shall be cleanly stripped and embedded into new concrete where possible. If length is available, existing bars shall extend into new concrete at least 40 diameters for plain bars and 30 diameters for deformed bars, unless otherwise noted.

In order to maintain grade and a minimum thickness of wearing surface as shown on plans it may be necessary to use additional quantities of wearing surface at various locations throughout the structure. The cost of furnishing and installing the wearing surface will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of wearing surface.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE: ROUTE I-255 SB OVER ROUTE I-55

ROUTE I-255 NB FROM ROUTE 67 TO ROUTE 21
ABOUT 0.5 MILE WEST OF ROUTE 67
BEGINNING STATION 1071+89.74± (Match Existing)

STATE OF MISSOURI
TRENTON B. CRAWFORD
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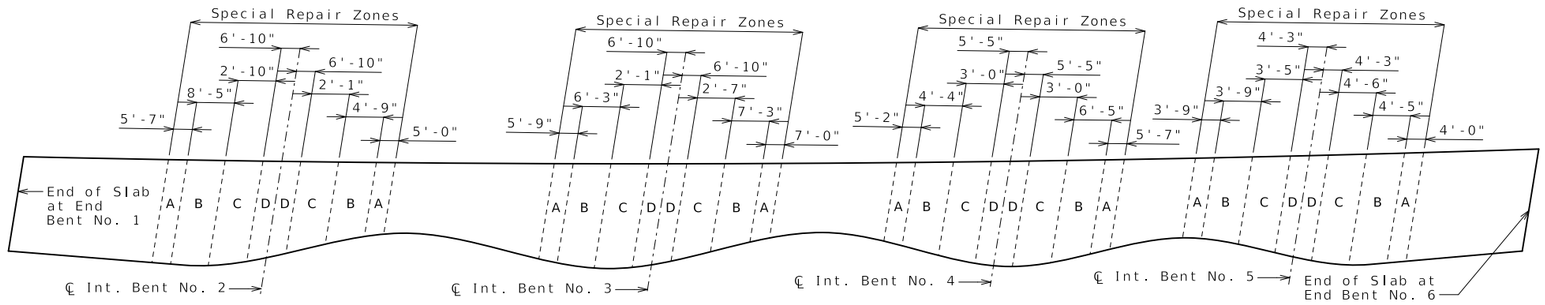
DATE PREPARED 8/20/2026
ROUTE I-255 | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A12343

DESCRIPTION | DATE

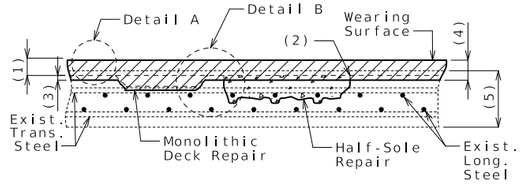
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

Detailed June 2026
Checked June 2026

Note: This drawing is not to scale. Follow dimensions.

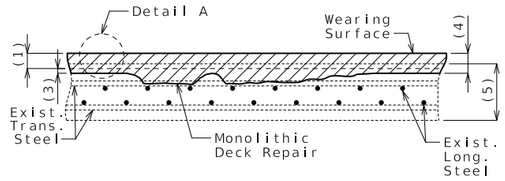


PART PLAN OF SLAB SHOWING SPECIAL REPAIR ZONES



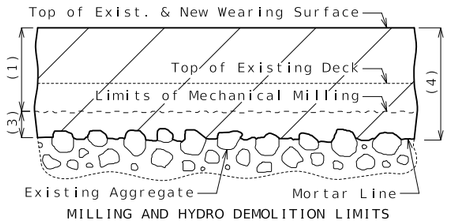
MONOLITHIC AND HALF-SOLE REPAIR

DECK REPAIR INSIDE SPECIAL REPAIR ZONES (BEFORE HYDRO DEMOLITION)



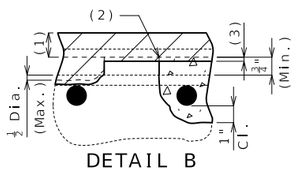
MONOLITHIC DECK REPAIR

DECK REPAIR OUTSIDE SPECIAL REPAIR ZONES (AFTER HYDRO DEMOLITION)



MILLING AND HYDRO DEMOLITION LIMITS

DETAIL A



DETAIL B

Monolithic deck repair shall be used when only half the diameter or less of the top bar is exposed.

Clearance around top bar and around bottom bar at the intersection of top bar shall be required when more than half the diameter of the top bar is exposed.

(1) Removal of existing 1 3/4"± silica fume concrete wearing surface plus 1/2" of existing deck

(2) 1" vertical side shall be established outside the deteriorated area.

(3) Total surface hydro demolition of sound concrete, measured to mortar line:

1/4" minimum inside special repair zones

1/2" minimum outside special repair zones

(4) Latex modified concrete wearing surface:

2 1/2" minimum inside special repair zones

2 3/4" minimum outside special repair zones

(5) Original thickness of top slab minus previous scarification

Deck Repair Notes:

Order of Repair:

1. Remove existing wearing surface plus 1/2" of existing deck.
2. Power wash deck to identify sound and unsound existing deck repair.
3. Inside special repair zones, complete the following repairs:
   a. Removal of existing deck repair
   b. Half-sole repair
4. Outside special repair zones, remove existing deck repair.
5. Complete total surface hydro demolition, removing 1/4" minimum of sound concrete inside special repair zones and removing 1/2" minimum of sound concrete and all deteriorated concrete outside special repair zones.
6. Sound deck and if needed complete incidental concrete removal.
7. Place new wearing surface including additional material for areas of monolithic deck repair.

Special Repair Zones:

Deck repair required in the areas designated as special repair zones shall be completed before hydro demolition in alphabetical sequence beginning with Zone A. Zones with the same letter designation may be repaired at the same time. Hydro demolition shall not move forward until the repairs in all special repair zones are completed and properly cured.

Any deck repair in areas not designated as a special repair zone shall be completed after hydro demolition.

Removal and deck repair shall be completed in one special repair zone and concrete shall have attained a compressive strength of 3200 psi before work can be started in the next special repair zone.

Interior falsework installed by the contractor resting on the bottom slab shall be removed where entry access is available.

If any single repair area does not exceed 9 square feet in size and the total repair area within a special repair zone does not exceed 27 square feet, the special repair zone may repaired at the same time as an adjacent zone.

Half-sole repair in the special repair zone, on either side of the intermediate bents, shall be to a depth that will not expose half the diameter of the longitudinal reinforcing bar. Full depth repair shall be made when removal of deteriorated concrete exposes half or more of the diameter of the longitudinal reinforcing bar.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED: 8/20/2026
ROUTE: I-255 | STATE: MO
DISTRICT: BR | SHEET NO.: 2
COUNTY: ST. LOUIS
JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A12343

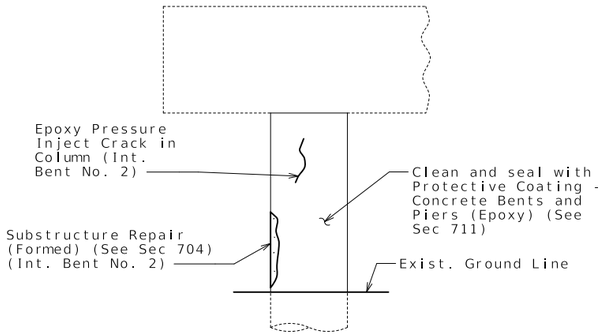
DESCRIPTION | DATE

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

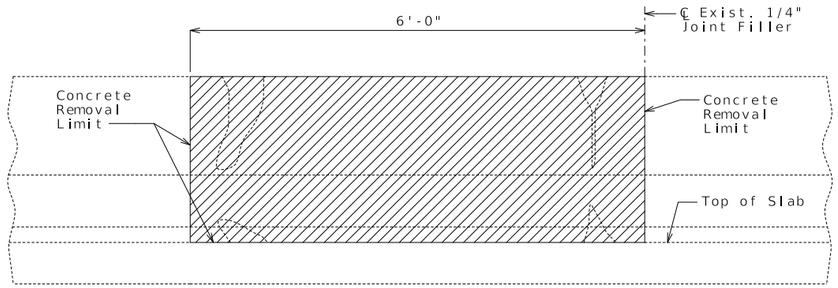
DECK REPAIR DETAILS

Detailed June 2026
Checked June 2026

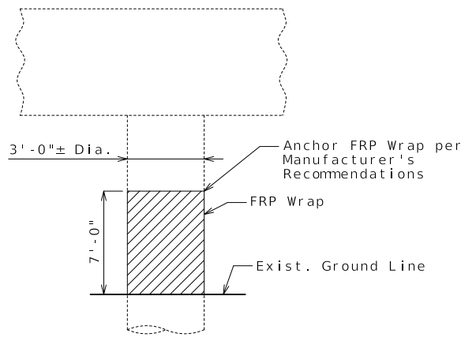
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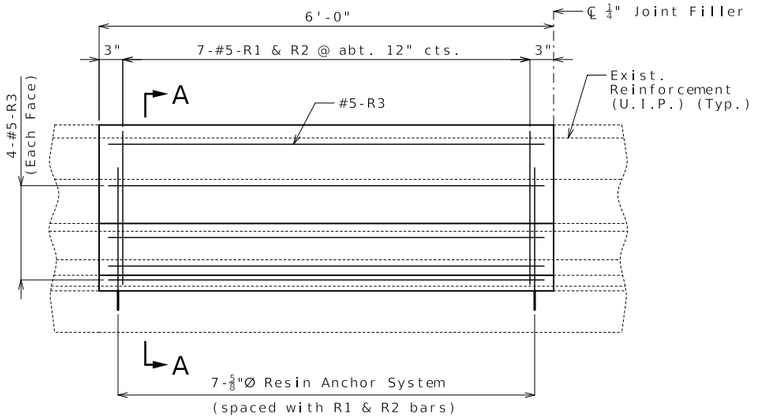
DETAILS OF INT. BENTS NO. 2 THRU 5
SHOWING PROTECTIVE COATING



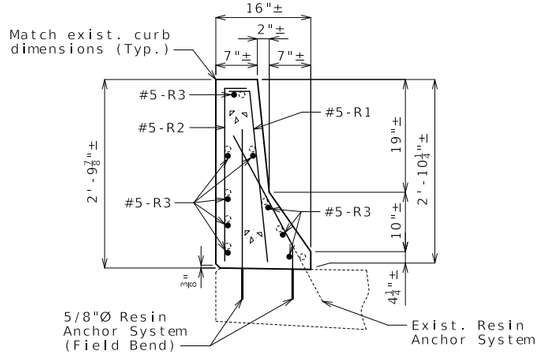
PART ELEVATION OF BARRIER
NEAR INT. BENT NO. 5
SHOWING CONCRETE REMOVAL



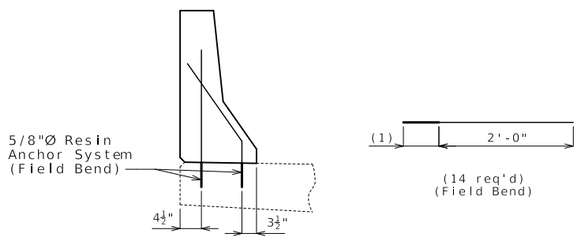
DETAILS SHOWING FRP WRAP
AT INT. BENT NO. 4, COLUMN 2



PART ELEVATION OF BARRIER
NEAR INT. BENT NO. 5
SHOWING REINFORCEMENT



SECTION A-A



DETAILS OF RESIN ANCHOR SYSTEM

Notes:

Substructure repairs to be completed before placing FRP wrap.

Protective Coating - Concrete Bents and Piers (Epoxy) shall not be applied on the FRP system.

See special provisions.

Notes:

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for Remove and Replace Barrier.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5".

An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the 5/8"Ø threaded rod.

STATE OF MISSOURI
TRENTON B. CRAWFORD
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PROFESSIONAL ENGINEER
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DATE PREPARED
8/20/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
BR	3

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

PROJECT NO.

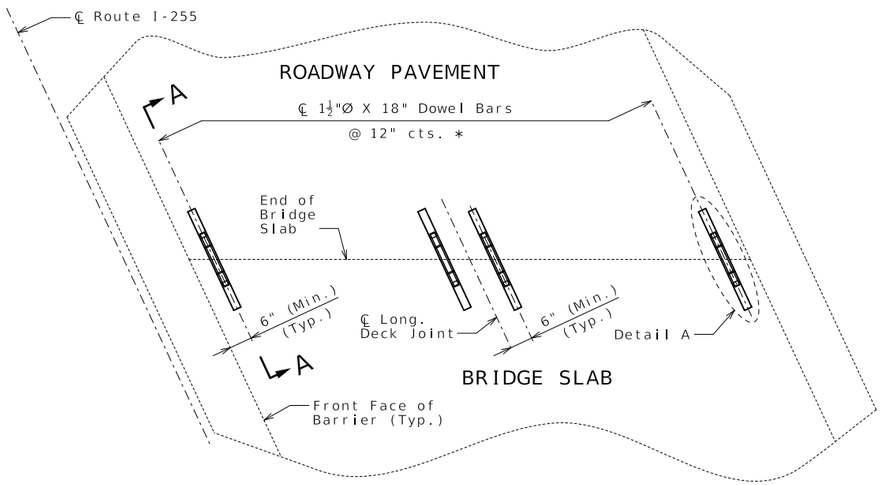
BRIDGE NO.
A12343

DESCRIPTION | DATE

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

Detailed June 2026
Checked June 2026

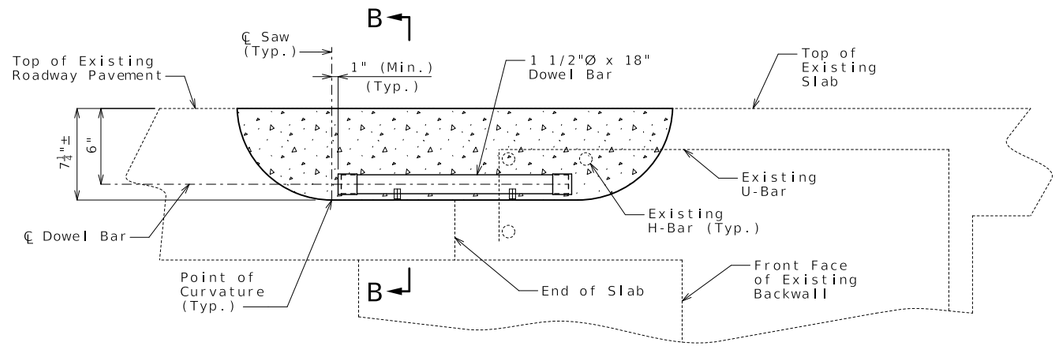
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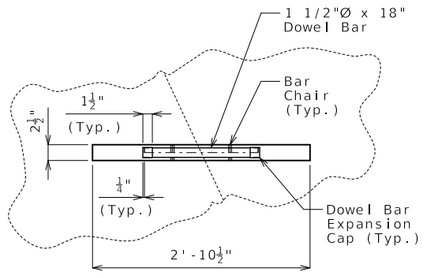
PART PLAN OF SLAB AT END
BENTS NO. 1 & 6 SHOWING
DOWEL BAR PLACEMENT

(End Bent No. 6 shown, End Bent No. 1 similar)

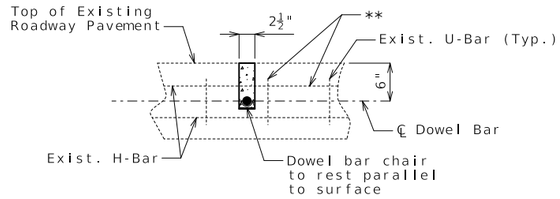
* Space Dowel Bars between Longitudinal Deck Joints



SECTION A-A



DETAIL A



** Existing H-bars and U-bars
shall be saw cut at dowel
bar locations as necessary.

SECTION B-B

Notes:

Saw Cut dimensions are based on a 15"Ø blade.

The ℄ of Saw Cuts & Dowel Bars shall be parallel to ℄ Median.

Cost of furnishing and installing the retrofit Dowel Bars, complete in place, will be considered completely covered by the contract unit price per linear foot for Dowel Bar Retrofit at Bridge Joints measured along the end of slab.

DETAILS OF DOWEL BARS AT END BENTS NO. 1 & 6

Detailed June 2026
Checked June 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
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ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
BR	4

COUNTY
ST. LOUIS

JOB NO.
JSL0053

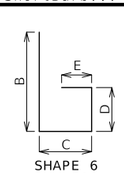
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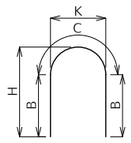
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DESCRIPTION	DATE

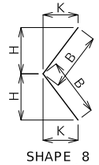
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



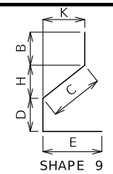
SHAPE 6 or 6S



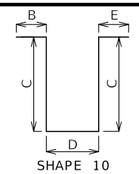
SHAPE 7



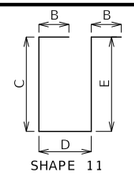
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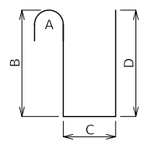
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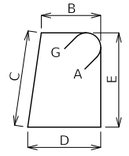
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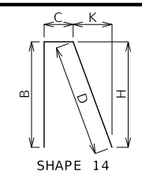
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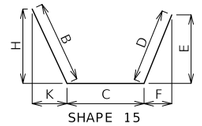
SHAPE 12



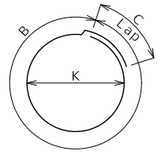
SHAPE 13S



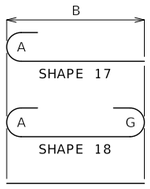
SHAPE 14 or 14S



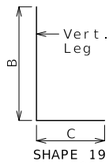
SHAPE 15 or 15S



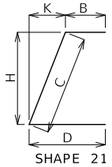
SHAPE 16



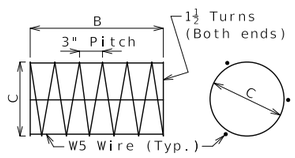
SHAPE 17 SHAPE 18 SHAPE 20



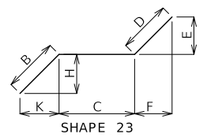
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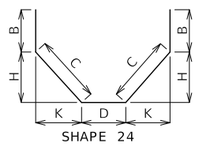
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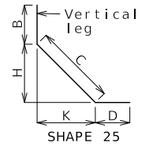
SHAPE 22



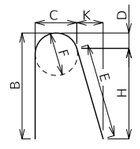
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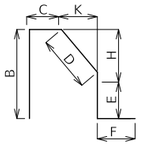
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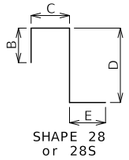
SHAPE 25 or 25S



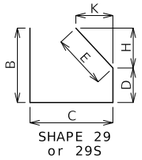
SHAPE 26



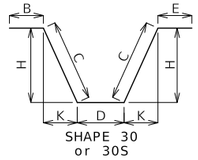
SHAPE 27S



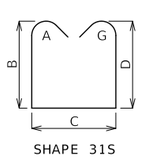
SHAPE 28 or 28S



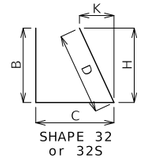
SHAPE 29 or 29S



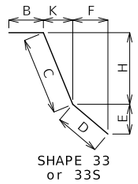
SHAPE 30 or 30S



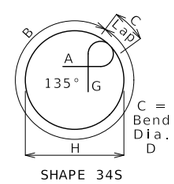
SHAPE 31S



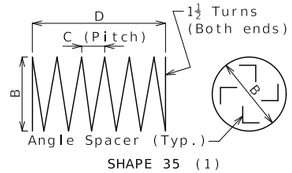
SHAPE 32 or 32S



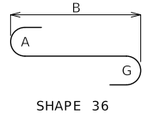
SHAPE 33 or 33S



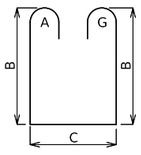
SHAPE 34S



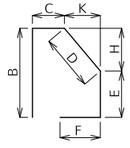
SHAPE 35 (1)



SHAPE 36



SHAPE 37S



SHAPE 38S

All dimensions are out to out.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes.

Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

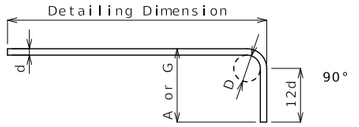
(1) Shall be a deformed or plain spiral bar or wire.

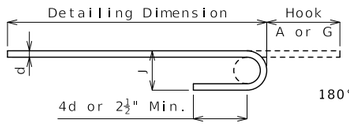
Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.

Finished Bend Diameters D and Hook Dimensions

Standard Pin Bend Shapes

Size	Case	D	A or G		J
			90°	180°	180°
#4	1	3"	8"	6"	4"
#5	1	3¾"	10"	7"	5"
#6	1	4½"	12"	8¼"	6"
#7	2	5¼"	14"	9¾"	7"
	3	7"	15"	11½"	8¾"
#8	2	6"	16"	11"	8"
	3	8"	17"	13¼"	10"
#9	1	9½"	19½"	15½"	11¾"
#10	1	10¾"	22"	17½"	13¼"
#11	1	12"	24½"	19½"	14⅞"
#14	1	18¼"	31¼"	27½"	21⅝"
#18	1	24"	41½"	36¼"	28½"



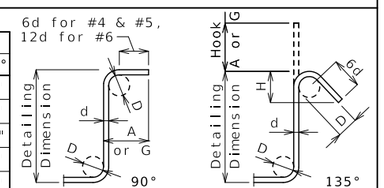


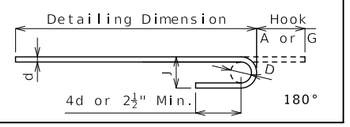
Stirrup Pin Bend Shapes (S)

Size	Case	D	A or G		H	J
			90°	135°	180°	135°	180°
#4	2	2"	4½"	4½"	5"	2⅞"	3"
	3	3"	5"	5¼"	6"	3"	4"
#5	2	2½"	5¾"	5¾"	5¾"	3⅝"	3¾"
	3	3¾"	6¼"	6½"	7"	3⅞"	5"
#6	1	4½"	12"	7¾"	8¼"	4⅝"	6"

Applicable for all grades of steel.

Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.





BENDING DIAGRAMS

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

Reinforcing steel (ASTM A615 Grade 60) fy = 60,000 psi

Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

Reinforcing Steel Totals (Pounds)

	Size	Substructure		Superstructure			Entire Bridge	
		Plain	Epoxy	Slab	Barrier	Slip Form	Plain	Epoxy
By Size	W5	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0
	5	0	0	0	91	0	0	91
	6	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0
By Type		0	0	0	91	0	0	91

All superstructure reinforcing steel shall be epoxy coated unless otherwise specified.

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes			Dimensions B	C	D	E	F	H	K	Nom. Length	Actual Length	Weight
			C	SH	V	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	lb
		SUPERSTRUCTURE													
		BARRIER													
		TYPE B													
7	5 R1	BARRIER	E	15S		2 5.25	3.50				2 5.00	3.00	2 9	2 6	18
7	5 R2	BARRIER	E	19S		2 5.00	3.50						2 9	2 7	19
9	5 R3	BARRIER	E	20		5 9.00							5 9	5 9	54

BILL OF REINFORCING STEEL

Detailed June 2026
Checked June 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/20/2026

ROUTE	STATE
I-255	MO
DISTRICT	SHEET NO.
BR	5

COUNTY ST. LOUIS

JOB NO. JSL0053

CONTRACT ID.

PROJECT NO.

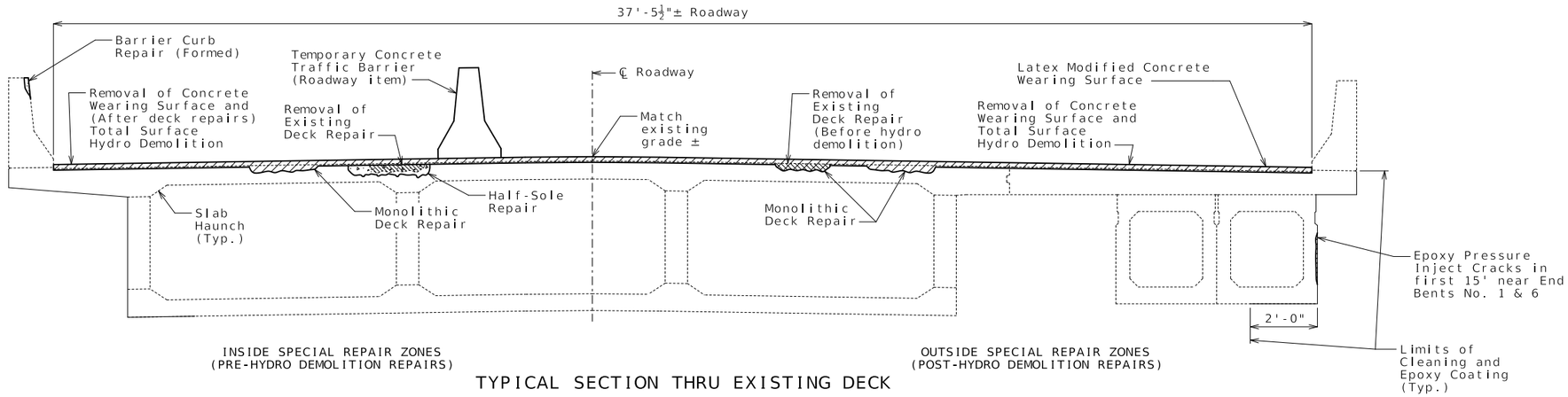
BRIDGE NO. A12343

DESCRIPTION	DATE

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

SEC/SUR 34 TWP 43N RGE 6E

U.I.P. AND REHABILITATE EXISTING (52'-80'-71'-62'-46') CONTINUOUS CONCRETE BOX GIRDER AND PRESTRESSED CONCRETE ADJACENT BOX BEAM SPANS (SKEW: VARIES)

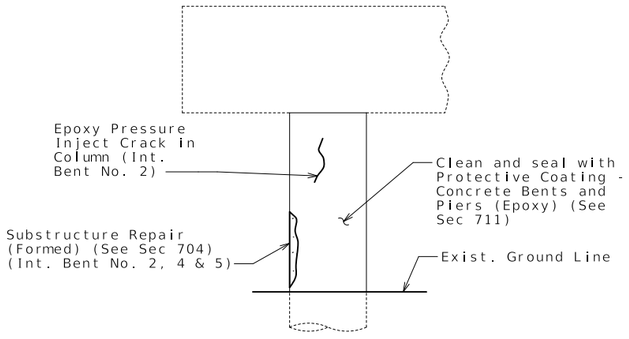


TYPICAL SECTION THRU EXISTING DECK

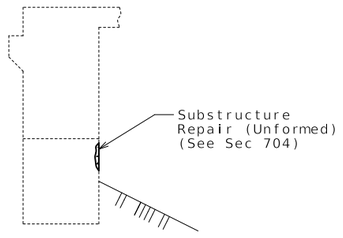
Estimated Quantities

	Item		Total
	Class 1 Excavation	cu. yard	60
	Total Surface Hydro Demolition	sq. yard	1285
	Removal of Concrete Wearing Surface	sq. foot	11,562
	Removal of Existing Deck Repair	sq. foot	4100
	Remove and Replace Approach Corbel	linear foot	76
	Removal of Approach Slab	sq. foot	1557
	Bridge Approach Slab (Major)	sq. yard	173
*	Supplementary Wearing Surface Material	cu. yard	17
	Latex Modified Concrete Wearing Surface	sq. yard	1285
	Diamond Grinding	sq. yard	1285
	Substructure Repair (Unformed)	sq. foot	45
	Half-Sole Repair	sq. foot	50
	Epoxy Pressure Injecting	linear foot	95
	Cleaning and Epoxy Coating	sq. foot	5288
	Barrier Curb Repair (Formed)	linear foot	8
	Reinforcing Steel (Epoxy Coated)	pound	400
	Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
	Vertical Drain at End Bents	each	2

* Supplementary wearing surface material for monolithic deck repair will be paid for at the fixed unit price in accordance with Sec 109.



DETAILS OF INT. BENTS NO. 2 THRU 5 SHOWING PROTECTIVE COATING



DETAILS OF END BENTS NO. 1 & 6 SHOWING SUBSTRUCTURE REPAIR

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 7

Design Loading:

HS20-44 Modified (1961, 1989 & New Construction)

Design Unit Stresses:

Class B-2 Concrete (Half-Sole & Corbel) f'c = 4,000 psi
Reinforcing Steel (ASTM A615 Grade 60) fy = 60,000 psi

Concrete Protective Coatings:

Protective coating for concrete bents and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

In order to maintain grade and a minimum thickness of wearing surface as shown on plans it may be necessary to use additional quantities of wearing surface at various locations throughout the structure. The cost of furnishing and installing the wearing surface will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of wearing surface.

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE: RAMP ROUTE I-270 WB TO ROUTE I-55 NB OVER ROUTE I-55

RAMP ROUTE I-270 WB FROM ROUTE 21 TO ROUTE 67
ABOUT 1.9 MILES EAST OF ROUTE 21
BEGINNING STATION 32+59.44± (Match Existing)

Detailed June 2026
Checked June 2026

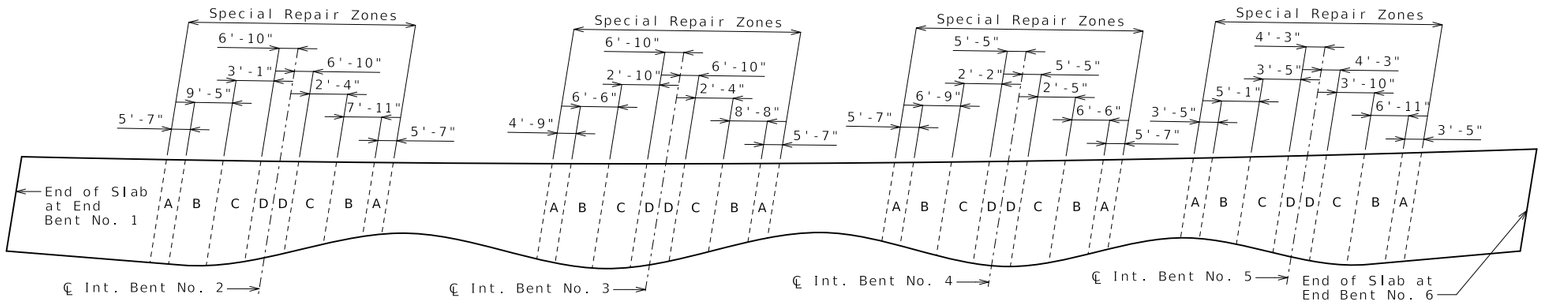
Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
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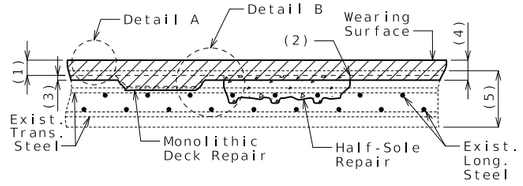
DATE PREPARED 8/20/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A12352

DESCRIPTION | DATE

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

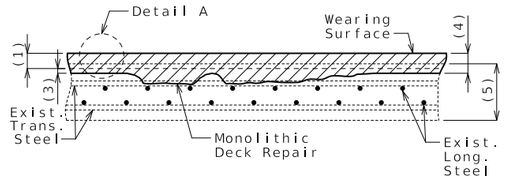


PART PLAN OF SLAB SHOWING SPECIAL REPAIR ZONES



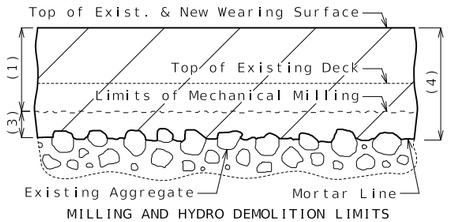
MONOLITHIC AND HALF-SOLE REPAIR

DECK REPAIR INSIDE SPECIAL REPAIR ZONES (BEFORE HYDRO DEMOLITION)



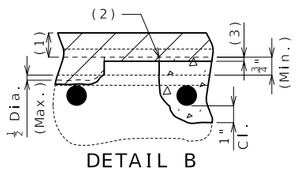
MONOLITHIC DECK REPAIR

DECK REPAIR OUTSIDE SPECIAL REPAIR ZONES (AFTER HYDRO DEMOLITION)



MILLING AND HYDRO DEMOLITION LIMITS

DETAIL A



DETAIL B

Monolithic deck repair shall be used when only half the diameter or less of the top bar is exposed.

Clearance around top bar and around bottom bar at the intersection of top bar shall be required when more than half the diameter of the top bar is exposed.

(1) Removal of existing 2"± silica fume concrete wearing surface plus 1/2" of existing deck

(2) 1" vertical side shall be established outside the deteriorated area.

(3) Total surface hydro demolition of sound concrete, measured to mortar line:

1/4" minimum inside special repair zones

1/2" minimum outside special repair zones

(4) Latex modified concrete wearing surface:

2 3/4" minimum inside special repair zones

3" minimum outside special repair zones

(5) Original thickness of top slab minus previous scarification

Deck Repair Notes:

Order of Repair:

1. Remove existing wearing surface plus 1/2" of existing deck.
2. Power wash deck to identify sound and unsound existing deck repair.
3. Inside special repair zones, complete the following repairs:
   a. Removal of existing deck repair
   b. Half-sole repair
4. Outside special repair zones, remove existing deck repair.
5. Complete total surface hydro demolition, removing 1/4" minimum of sound concrete inside special repair zones and removing 1/2" minimum of sound concrete and all deteriorated concrete outside special repair zones.
6. Sound deck and if needed complete incidental concrete removal.
7. Place new wearing surface including additional material for areas of monolithic deck repair.

Special Repair Zones:

Deck repair required in the areas designated as special repair zones shall be completed before hydro demolition in alphabetical sequence beginning with Zone A. Zones with the same letter designation may be repaired at the same time. Hydro demolition shall not move forward until the repairs in all special repair zones are completed and properly cured.

Any deck repair in areas not designated as a special repair zone shall be completed after hydro demolition.

Removal and deck repair shall be completed in one special repair zone and concrete shall have attained a compressive strength of 3200 psi before work can be started in the next special repair zone.

Interior falsework installed by the contractor resting on the bottom slab shall be removed where entry access is available.

If any single repair area does not exceed 9 square feet in size and the total repair area within a special repair zone does not exceed 27 square feet, the special repair zone may repaired at the same time as an adjacent zone.

Half-sole repair in the special repair zone, on either side of the intermediate bents, shall be to a depth that will not expose half the diameter of the longitudinal reinforcing bar. Full depth repair shall be made when removal of deteriorated concrete exposes half or more of the diameter of the longitudinal reinforcing bar.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/20/2026

ROUTE I-270 | STATE MO

DISTRICT BR | SHEET NO. 2

COUNTY ST. LOUIS

JOB NO. JSL0053

CONTRACT ID.

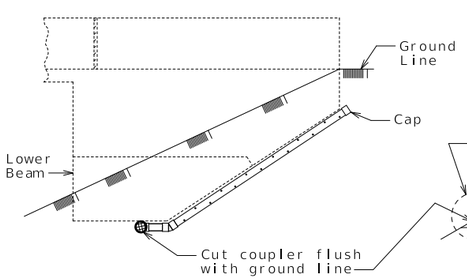
PROJECT NO.

BRIDGE NO. A12352

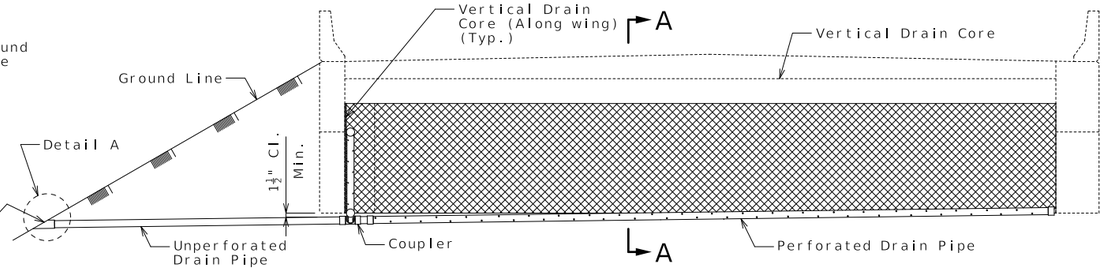
DESCRIPTION | DATE

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

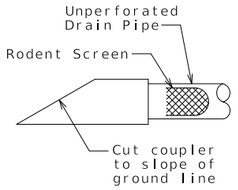
DECK REPAIR DETAILS



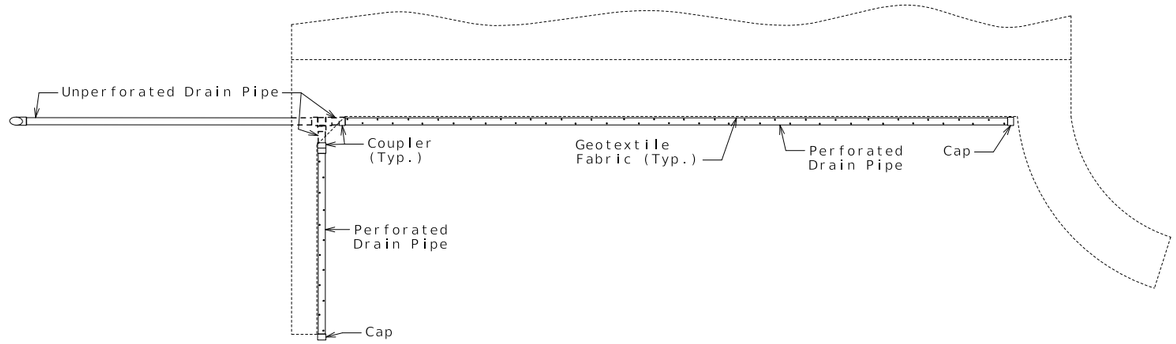
ELEVATION OF WING



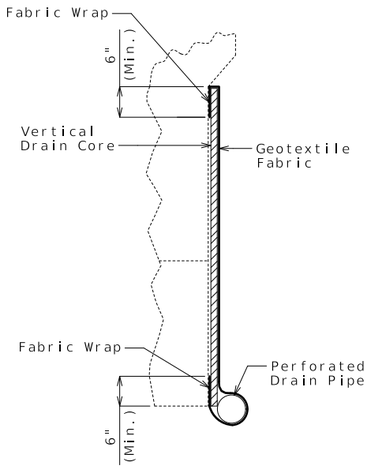
ELEVATION OF END BENT



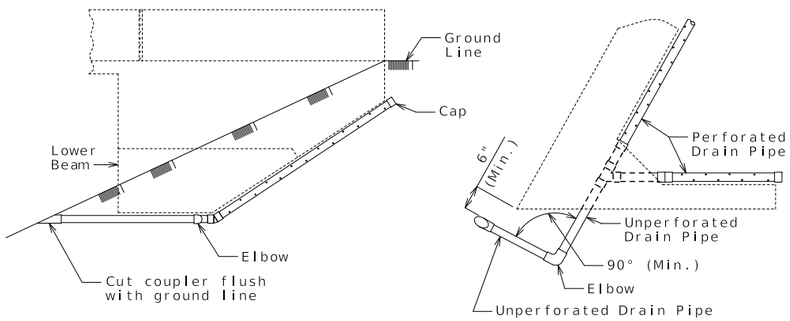
DETAIL A



PLAN OF END BENT



PART SECTION A-A
(Section thru wing similar)



ELEVATION OF WING PART PLAN

OPTIONAL TURNED DRAIN
(Use only when straight drain is not practical.)

General Notes:

All drain pipe shall be sloped 1 to 2 percent.

Drain pipe may be either 6-inch diameter corrugated metallic-coated steel pipe underdrain, 4-inch diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4-inch diameter corrugated polyethylene (PE) drain pipe.

Drain pipe shall be placed at fill face of end bent and inside face of wings. The pipe shall slope to lowest grade of ground line, also missing the lower beam of end bent by a minimum of 1 1/2 inches.

Perforated pipe shall be placed at fill face side and inside face of wings at the bottom of end bent and plain pipe shall be used where the vertical drain ends to the exit at ground line.

VERTICAL DRAIN AT END BENTS

(Squared end bent shown, skewed end bent similar)

Detailed June 2026
Checked June 2026

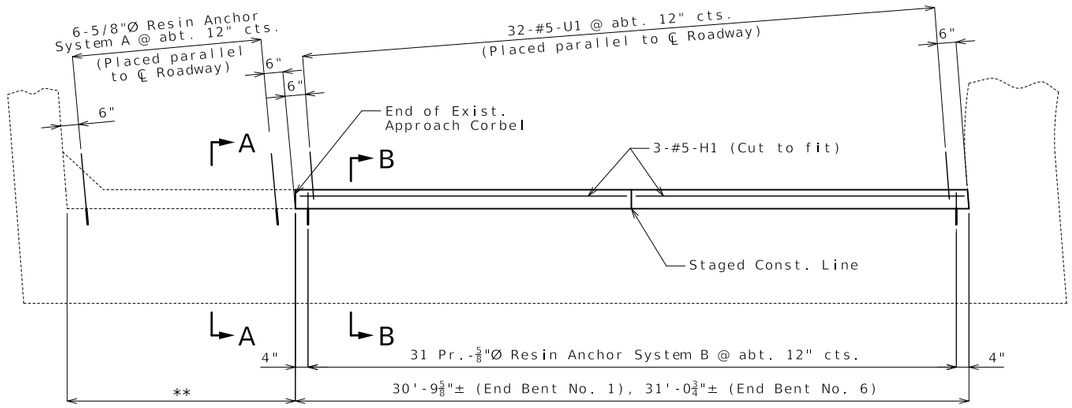
Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/20/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A12352

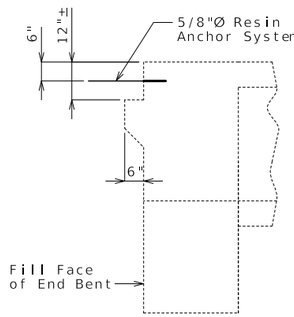
DESCRIPTION | DATE

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



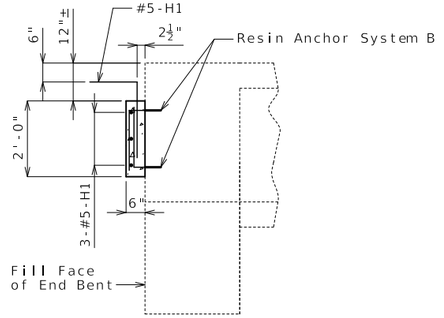
** 5'-11 1/4"± (End Bent No. 1)
6'-0"± (End Bent No. 6)

PART PLAN OF END BENT



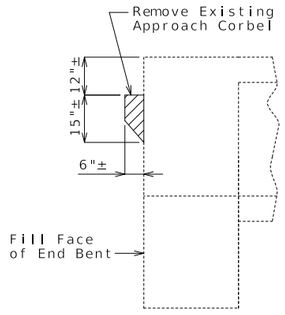
SECTION A-A

Note: Approach corbel concrete shall be Class B-2 Concrete.



SECTION B-B

Note: Approach corbel concrete shall be Class B-2 Concrete.



SECTION THRU END BENTS
SHOWING APPROACH CORBEL REMOVAL

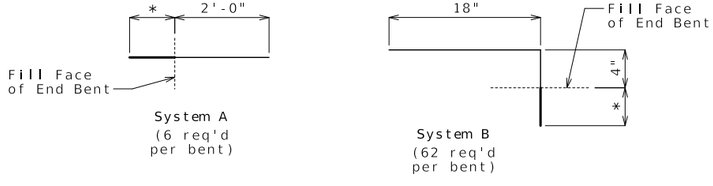
Notes:

The contractor shall use one of the qualified resin anchor systems in accordance with Sec 1039.

Cost of furnishing and installing the resin anchor systems, complete in place, will be considered completely covered by the contract unit price for Remove and replace Approach Corbel.

The minimum embedment depth in concrete with f'c = 4,000 psi for the resin anchor systems shall be that required to meet the minimum ultimate pullout strength in accordance with Sec 1039 but shall not be less than 5".

An epoxy coated #5 Grade 60 reinforcing bar shall be substituted for the 5/8"Ø threaded rod.



DETAILS OF RESIN ANCHOR SYSTEMS

* Manufacturer's recommended embedment length (5" min.)

REMOVE AND REPLACE APPROACH CORBEL

(End Bent No. 1 shown, End Bent No. 6 similar)

Detailed June 2026
Checked June 2026

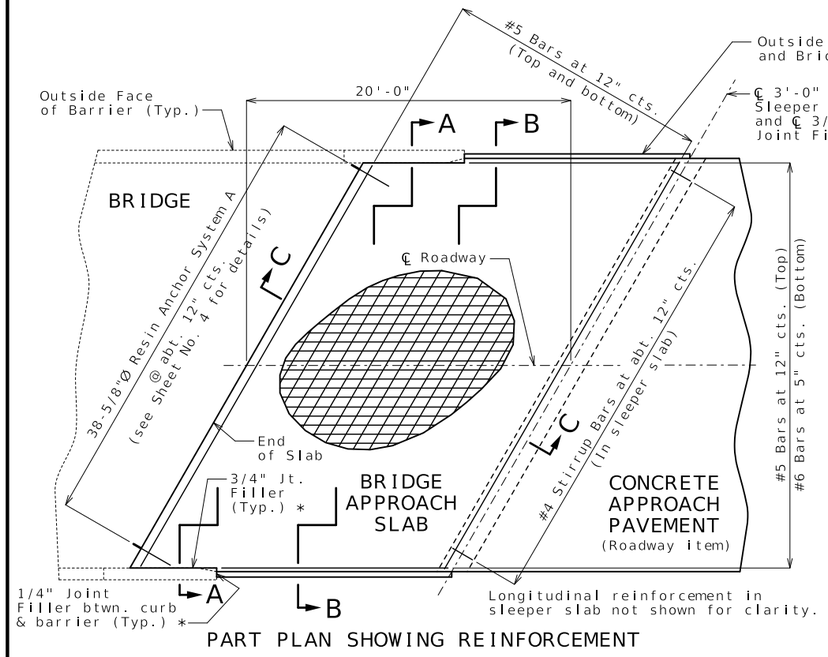
Note: This drawing is not to scale. Follow dimensions.

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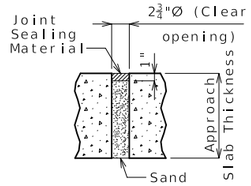
DATE PREPARED 8/20/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 4
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A12352

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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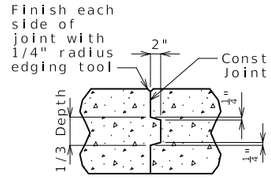


PART PLAN SHOWING REINFORCEMENT



UNDERSEAL ACCESS HOLE DETAIL

(If required)



CONSTRUCTION JOINT DETAIL

General Notes:

All concrete for the bridge approach slab and sleeper slab shall be in accordance with Sec 503 (f'c = 4,000 psi).

The reinforcing steel in the bridge approach slab and the sleeper slab shall be epoxy coated Grade 60 with fy = 60,000 psi.

Drain pipe may be either 6" diameter corrugated metallic-coated pipe underdrain, 4" diameter corrugated polyvinyl chloride (PVC) drain pipe, or 4" diameter corrugated polyethylene (PE) drain pipe.

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

The reinforcing steel in the bridge approach slab and the sleeper slab shall be continuous. The transverse reinforcing steel may be made continuous by providing a minimum lap splice of 24 inches for #5 bars and 40 inches for #6 bars, or by mechanical bar splice.

Mechanical bar splices shall be in accordance with Sec 710.

All joint filler shall be in accordance with Sec 1057 for preformed fiber expansion joint filler except as noted.

The contractor shall pour and satisfactorily finish the bridge slab before placing the bridge approach slab.

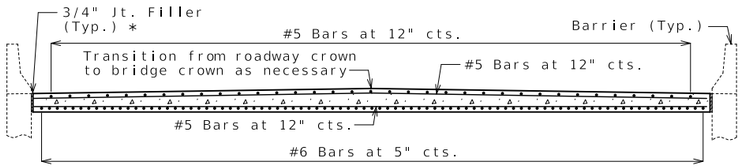
Longitudinal construction joints in approach slab and sleeper slab shall be aligned with longitudinal construction joints in bridge slab.

For concrete approach pavement details, see roadway plans.

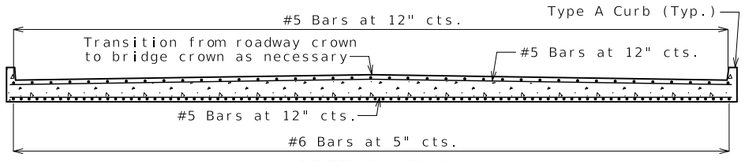
See Missouri Standard Plan 609.00 for details of Type A curb.

Payment for furnishing all materials, labor and excavation necessary to construct the approach slab, including the timber header, sleeper slab, underdrain, Type 5 aggregate base, joint filler and all other appurtenances and incidental work as shown on this sheet, complete in place, will be considered completely covered by the contract unit price for Bridge Approach Slab (Major) per square yard.

* Seal joint between vertical face of approach slab and wing with sealant in accordance with Sec 717 for silicone joint sealant for saw cut and formed joints.

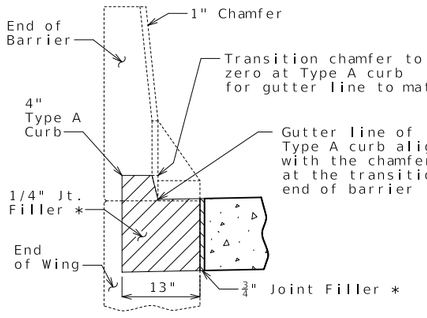


SECTION A-A

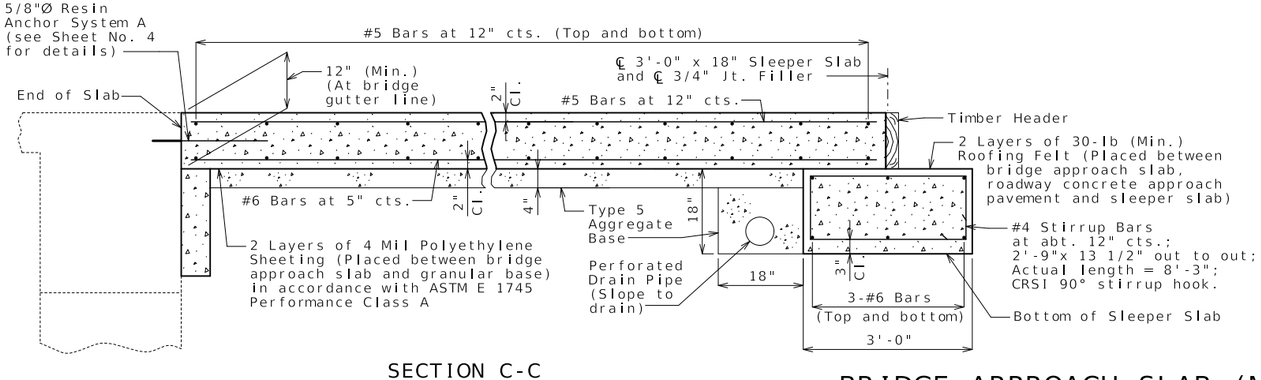


SECTION B-B

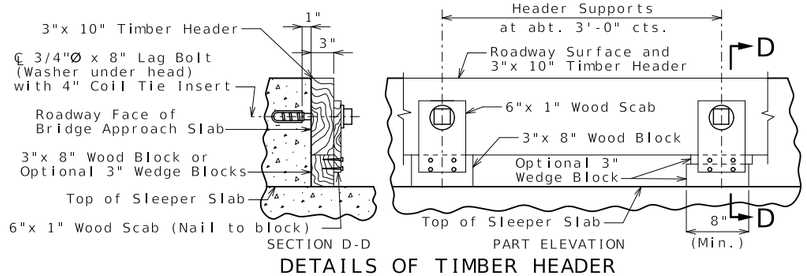
With the approval of the engineer, the contractor may crown the bottom of the approach slab to match the crown of the roadway surface.



SECTION BETWEEN BARRIER AND CURB



SECTION C-C



DETAILS OF TIMBER HEADER

Remove timber header when concrete pavement is placed.

BRIDGE APPROACH SLAB (MAJOR)

Detailed June 2026
Checked June 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
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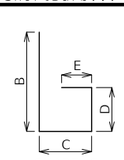
DATE PREPARED 8/20/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
BR	5

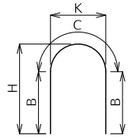
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JOB NO.: JSL0053
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.: A12352

DATE | DESCRIPTION

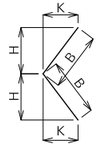
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
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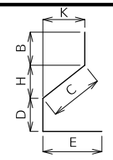
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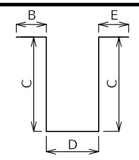
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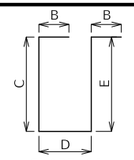
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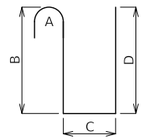
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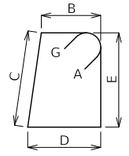
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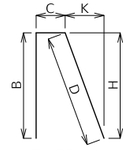
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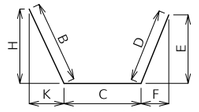
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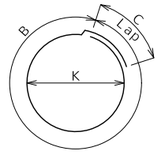
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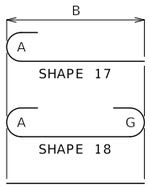
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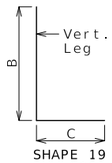
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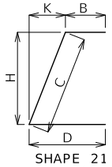
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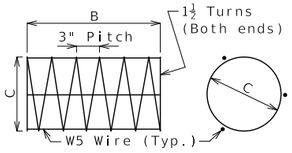
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SHAPE 18
SHAPE 20



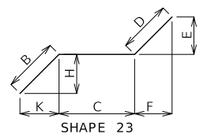
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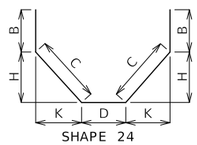
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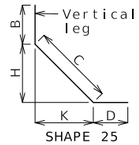
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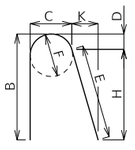
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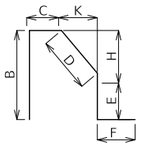
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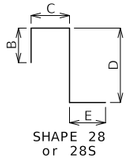
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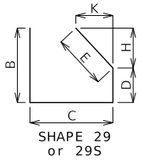
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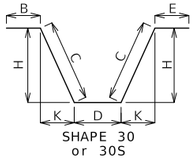
SHAPE 27S



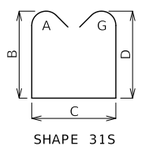
SHAPE 28 or 28S



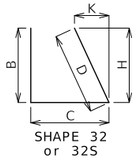
SHAPE 29 or 29S



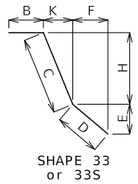
SHAPE 30 or 30S



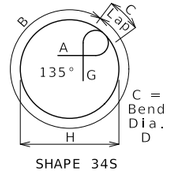
SHAPE 31S



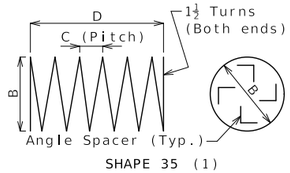
SHAPE 32 or 32S



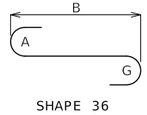
SHAPE 33 or 33S



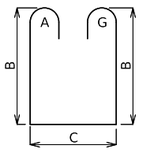
SHAPE 34S



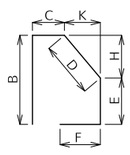
SHAPE 35 (1)



SHAPE 36



SHAPE 37S



SHAPE 38S

All dimensions are out to out.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes.

Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

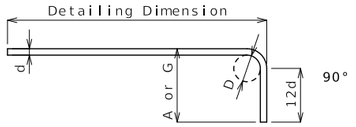
(1) Shall be a deformed or plain spiral bar or wire.

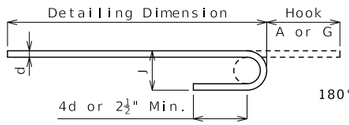
Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.

Finished Bend Diameters D and Hook Dimensions

Standard Pin Bend Shapes

Size	Case	D	A or G		J
			90°	180°	180°
#4	1	3"	8"	6"	4"
#5	1	3¾"	10"	7"	5"
#6	1	4½"	12"	8¼"	6"
#7	2	5¼"	14"	9¾"	7"
	3	7"	15"	11½"	8¾"
#8	2	6"	16"	11"	8"
	3	8"	17"	13¼"	10"
#9	1	9½"	19½"	15½"	11¾"
#10	1	10¾"	22"	17½"	13¼"
#11	1	12"	24½"	19½"	14⅞"
#14	1	18¼"	31¼"	27½"	21⅝"
#18	1	24"	41½"	36¼"	28½"



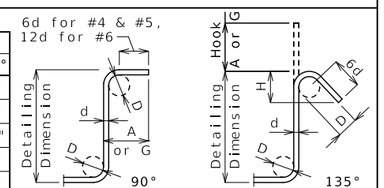


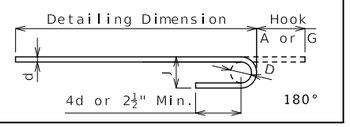
Stirrup Pin Bend Shapes (S)

Size	Case	D	A or G		H	J
			90°	135°	180°	135°	180°
#4	2	2"	4½"	4½"	5"	2⅞"	3"
	3	3"	5"	5¼"	6"	3"	4"
#5	2	2½"	5¾"	5¾"	5¾"	3⅝"	3¾"
	3	3¾"	6¼"	6½"	7"	3⅞"	5"
#6	1	4½"	12"	7¾"	8¼"	4⅝"	6"

Applicable for all grades of steel.

Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.





BENDING DIAGRAMS

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

Reinforcing steel (ASTM A615 Grade 60) fy = 60,000 psi

Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

Reinforcing Steel Totals (Pounds)

	Size	Substructure		Superstructure			Entire Bridge	
		Plain	Epoxy	Slab	Barrier	Slip Form	Plain	Epoxy
By Size	W5	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0
	5	0	0	403	0	0	0	403
	6	0	0	0	0	0	0	0
	7	0	0	0	0	0	0	0
By Type		0	0	403	0	0	0	403

All superstructure reinforcing steel shall be epoxy coated unless otherwise specified.

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes			Dimensions B ft in.	C ft in.	D ft in.	E ft in.	F ft in.	H ft in.	K ft in.	Nom. Length ft in.	Actual Length ft in.	Weight lb
		SUPERSTRUCTURE													
		END BENTS 1 & 6													
6	5 H1	APPROACH CORBEL	E	20		30 9.00							30 9	30 9	192
64	5 U1	APPROACH CORBEL	E	19S		2 0.00	15.00						3 3	3 2	211

BILL OF REINFORCING STEEL

Detailed June 2026
Checked June 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/20/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
BR	6

COUNTY ST. LOUIS

JOB NO. JSL0053

CONTRACT ID.

PROJECT NO.

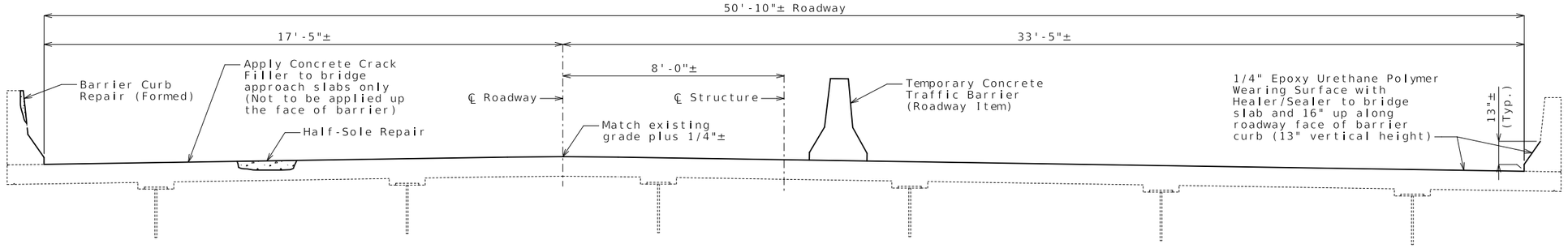
BRIDGE NO. A12352

DESCRIPTION	DATE

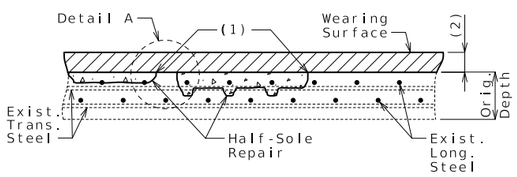
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SEC/SUR 33 TWP 44N RGE 6E

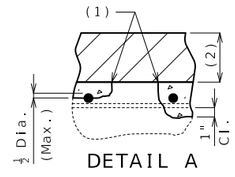
U.I.P. AND REHABILITATE EXISTING (66'-91'-90'-51') CONTINUOUS COMPOSITE PLATE GIRDER SPANS (SKEW: VARIES)



TYPICAL SECTION THRU EXISTING DECK



HALF-SOLE REPAIR

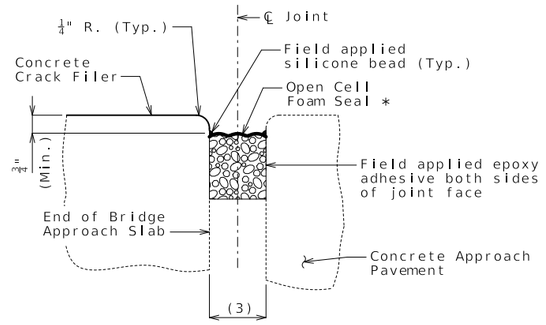


DETAIL A

Clearance around top bar and around bottom bar at the intersection of top bar shall be required when more than half the diameter of the top bar is exposed.

(1) 1" vertical side shall be established outside the deteriorated area.

(2) 1/4" minimum epoxy urethane polymer wearing surface

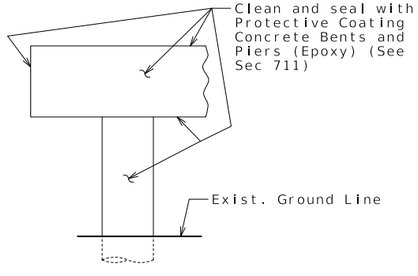


SECTION THRU JOINT AT END OF BRIDGE APPROACH SLAB

SKEW = 32°30'00" (End Bent No. 1)
20°00'00" (End Bent No. 5)

* Manufacturer's recommended size

Extend seal full width of approach slab.



DETAILS OF INT. BENTS NO. 2 THRU 4 SHOWING PROTECTIVE COATING

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 6

Design Loading:

HS20-44 Modified (1990 & New Construction)

Design Unit Stresses:

Class B-1 Concrete (Barrier Repair) f'c = 4,000 psi
Class B-2 Concrete (Half-Sole) f'c = 4,000 psi

Concrete Protective Coatings:

Protective coating for concrete bents and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

The contractor shall exercise care to ensure spillage over joint edges is prevented and that a neat line is obtained along any terminating edge of the wearing surface.

Open Cell Foam Joint:

Open cell foam joint seal size (width and depth) shall be determined by the manufacturer. Manufacturer recommended seal size shall meet the movement and installation gap requirements and skew effect.

The open cell foam joint seal shall be installed according to the manufacturer's recommendations.

The installation temperature shall be taken as the actual air temperature averaged over the 24-hour period immediately preceding installation.

(3) Allowed installation gap (±) normal to joint at roadway surface (see table).

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

Estimated Quantities

	Item		Total
	Removal of Existing Expansion Joint Seal or Sealant	linear foot	114
	Epoxy Urethane Polymer Wearing Surface with Healer/Sealer	sq. yard	1794
**	Half-Sole Repair	sq. foot	350
	Concrete Crack Filler	sq. yard	284
	Barrier Curb Repair (Formed)	linear foot	8
	Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
	Open Cell Foam Joint Seal	linear foot	114

** Quantity includes half-soling to be performed on bridge approach slabs.

Location	Movement Parallel to Rdwy	Movement Normal to Joint	Min. Jt. Width (Normal to Joint)	Max. Jt. Width (Normal to Joint)	(3) Allowed Installation Gap (±) Normal to Joint at Roadway Surface at Air/Surface Temperature				Manufacturer	Seal Name
					@ 40°F	@ 50°F	@ 60°F	@ 70°F		
Near End Bent No. 1	1/4"	3/16"	1 15/16"	2 1/8"	2"	2"	2"	2"		
Near End Bent No. 5	1/4"	3/16"	1 15/16"	2 1/8"	2 1/16"	2"	2"	2"		

MoDOT construction personnel will record the manufacturer and seal name that was used.

Detailed June 2026
Checked July 2026

Note: This drawing is not to scale. Follow dimensions.

Sheet No. 1 of 1

REPAIRS TO BRIDGE: RAMP ROUTE I-270 WB TO ROUTE I-55 NB OVER VON TALGE ROAD AND BNSF R.R.

RAMP I-270 WB FROM ROUTE 21 TO ROUTE I-55 NB
ABOUT 1.6 MILES WEST OF ROUTE 21
BEGINNING STATION 13+86.65± (Match Existing)

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

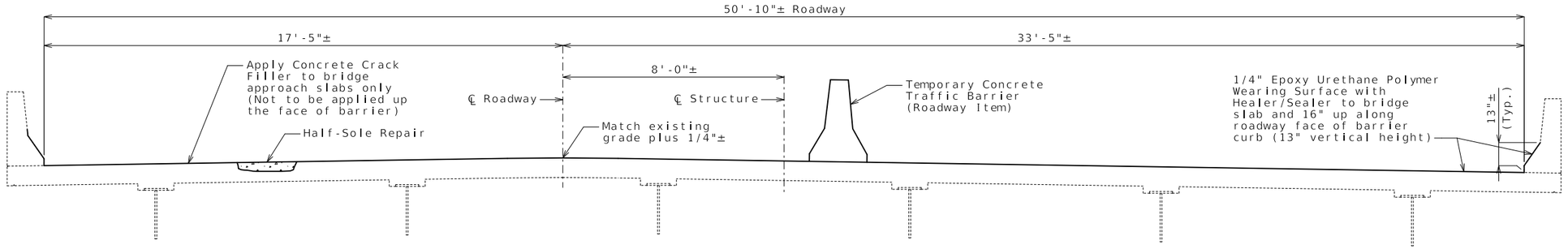
DATE PREPARED 8/20/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A48762

DESCRIPTION | DATE

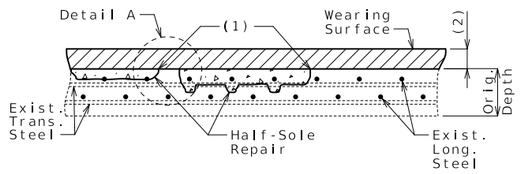
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)
MoDOT

SEC/SUR 33 TWP 44N RGE 6E

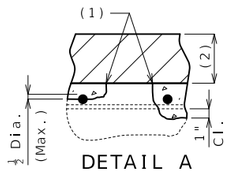
U.I.P. AND REHABILITATE EXISTING (50'-87'-80'-60') CONTINUOUS COMPOSITE PLATE GIRDER SPANS (SKEW: 13°30'00")



TYPICAL SECTION THRU EXISTING DECK



HALF-SOLE REPAIR

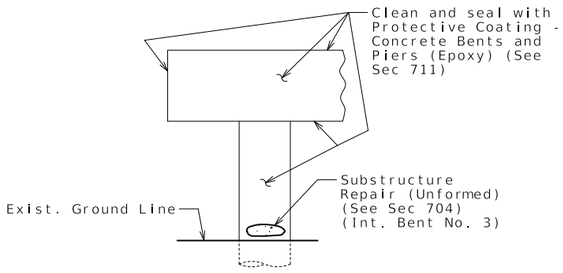


Clearance around top bar and around bottom bar at the intersection of top bar shall be required when more than half the diameter of the top bar is exposed.

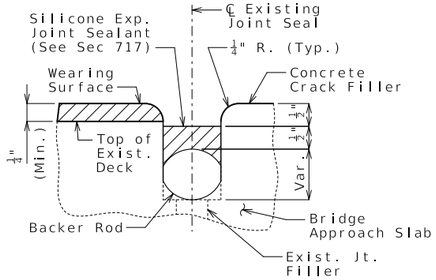
DETAIL A

(1) 1" vertical side shall be established outside the deteriorated area.

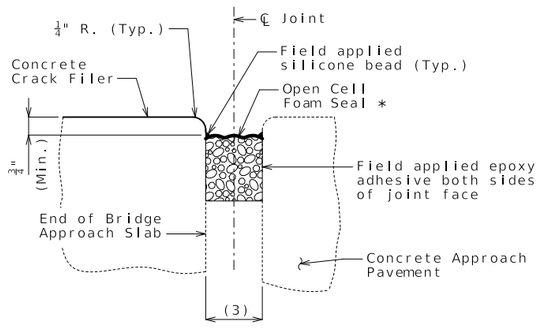
(2) 1/4" minimum epoxy urethane polymer wearing surface



DETAILS OF INT. BENTS NO. 2 THRU 4 SHOWING PROTECTIVE COATING



SECTION THRU JOINT AT END BENTS NO. 1 & 5



SECTION THRU JOINT AT END OF BRIDGE APPROACH SLAB

SKEW = 13°30'00"

* Manufacturer's recommended size

Extend seal full width of approach slab.

Movement Parallel to Rdwy	Movement Normal to Joint	Min. Jt. Width (Normal to Joint)	Max. Jt. Width (Normal to Joint)	(3) Allowed Installation Gap (±) Normal to Joint at Roadway Surface at Air/Surface Temperature				Manufacturer	Seal Name
				@ 40°F	@ 50°F	@ 60°F	@ 70°F		
1/4"	3/16"	1 15/16"	2 1/8"	2 1/16"	2"	2"	2"		

MoDOT construction personnel will record the manufacturer and seal name that was used.

Estimated Quantities

	Item		Total
	Removal of Existing Expansion Joint Seal or Sealant	linear foot	114
	Epoxy Urethane Polymer Wearing Surface with Healer/Sealer	sq. yard	1673
	Substructure Repair (Unformed)	sq. foot	15
**	Half-Sole Repair	sq. foot	500
	Concrete Crack Filler	sq. yard	286
	Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
	Open Cell Foam Joint Seal	linear foot	107
	Silicone Expansion Joint Sealant	linear foot	105

** Quantity includes half-soling to be performed on bridge approach slabs.

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 7

Design Loading:

HS20-44 Modified (1990 & New Construction)

Design Unit Stresses:

Class B-2 Concrete (Half-Sole) f'c = 4,000 psi

Concrete Protective Coatings:

Protective coating for concrete bents and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

The contractor shall exercise care to ensure spillage over joint edges is prevented and that a neat line is obtained along any terminating edge of the wearing surface.

Open Cell Foam Joint:

Open cell foam joint seal size (width and depth) shall be determined by the manufacturer. Manufacturer recommended seal size shall meet the movement and installation gap requirements and skew effect.

The open cell foam joint seal shall be installed according to the manufacturer's recommendations.

The installation temperature shall be taken as the actual air temperature averaged over the 24-hour period immediately preceding installation.

(3) Allowed installation gap (±) normal to joint at roadway surface (see table).

Traffic Handling:

Traffic to be maintained on structure during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE: RAMP ROUTE I-55 NB TO ROUTE I-270 EB OVER VON TALGE ROAD AND BNSF R.R.

RAMP I-55 NB FROM ROUTE 141 TO ROUTE I-270
ABOUT 5.1 MILES NORTH OF ROUTE 141
BEGINNING STATION 20+18.83± (Match Existing)

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

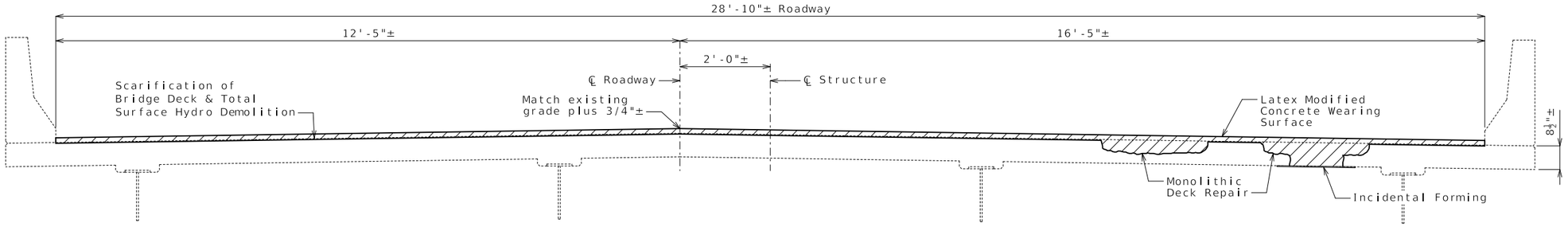
DATE PREPARED 8/20/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A48771

DESCRIPTION | DATE

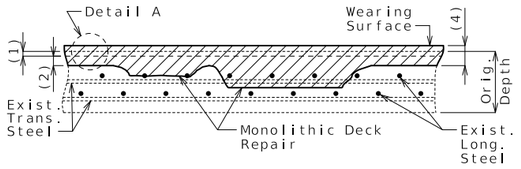
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SEC/SUR 0 TWP 44N RGE 6E

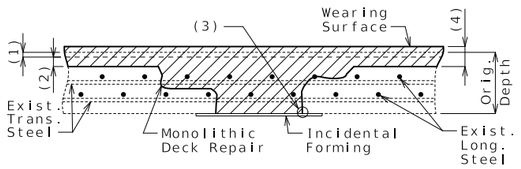
U.I.P. AND REHABILITATE EXISTING (93'-123'-103'-74') CONTINUOUS COMPOSITE PLATE GIRDER SPANS (SKEW: VARIES)



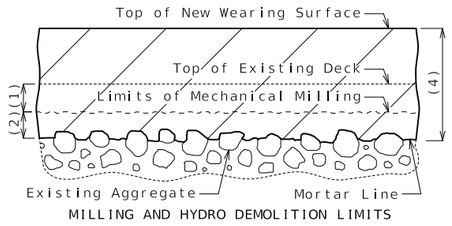
TYPICAL SECTION THRU EXISTING DECK



MONOLITHIC DECK REPAIR



MONOLITHIC DECK REPAIR
REQUIRING INCIDENTAL FORMING



MILLING AND HYDRO DEMOLITION LIMITS

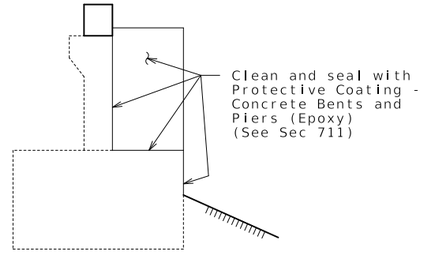
DETAIL A

(1) 1/2" scarification of existing deck

(2) 1/2" minimum total surface hydro demolition of sound concrete, measured to mortar line

(3) 1" vertical side shall be established outside the deteriorated area.

(4) 1 3/4" minimum latex modified concrete wearing surface



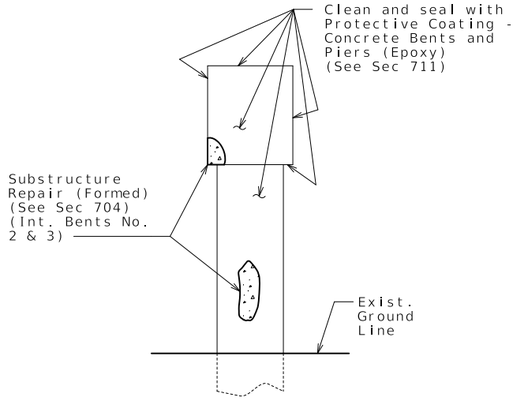
TYPICAL SECTION THRU
END BENTS NO. 1 & 5
SHOWING PROTECTIVE COATING

Estimated Quantities

	Item		Total
**	Scarification of Bridge Deck	sq. yard	1633
**	Total Surface Hydro Demolition	sq. yard	1633
	Removal of Existing Expansion Joint & Adjacent Concrete	linear foot	168
	Removal of Existing Bearings	each	8
	Remove and Replace Barrier Curb	linear foot	41
*	Supplementary Wearing Surface Material	cu. yard	2
**	Latex Modified Concrete Wearing Surface	sq. yard	1642
**	Diamond Grinding	sq. yard	1642
	Class B-2 Concrete	cu. yard	16.7
	Substructure Repair (Unformed)	sq. foot	126
	Reinforcing Steel (Epoxy Coated)	pound	2650
	Protective Coating - Concrete Bents and Piers (Epoxy)	lump sum	1
	Type N PTFE Bearing	each	8
	Segmental Expansion Joint System	linear foot	168

* Supplementary wearing surface material for monolithic deck repair will be paid for at the fixed unit price in accordance with Sec 109.

** Quantity includes bridge approach slabs



TYPICAL SECTION THRU
INT. BENTS NO. 2 THRU 4
SHOWING PROTECTIVE COATING

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 6

Design Loading:

HS20-44 Modified (1990 and New Construction)

Design Unit Stresses:

Class B-1 Concrete (Barrier)	f'c = 4,000 psi
Class B-2 Concrete (End Bents)	f'c = 4,000 psi
Reinforcing Steel (ASTM A615 Grade 60)	fy = 60,000 psi

Reinforcing Steel:

Minimum clearance to reinforcing steel shall be 1 1/2", unless otherwise shown.

Concrete Protective Coatings:

Protective coating for concrete bents and piers (Epoxy) shall be applied as shown on the bridge plans and in accordance with Sec 711.

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match new bridge wearing surface (roadway item).

All concrete repairs shall be in accordance with Sec 704, unless otherwise noted.

Outline of existing work is indicated by light dashed lines. Heavy lines indicate new work.

Contractor shall verify all dimensions in field before finalizing the shop drawings.

Bars bonded in existing concrete not removed shall be cleanly stripped and embedded into new concrete where possible. If length is available, existing bars shall extend into new concrete at least 40 diameters for plain bars and 30 diameters for deformed bars, unless otherwise noted.

In order to maintain grade and a minimum thickness of wearing surface as shown on plans it may be necessary to use additional quantities of wearing surface at various locations throughout the structure. The cost of furnishing and installing the wearing surface will be considered completely covered in the contract unit price, including all additional labor, materials or equipment for variations in thickness of wearing surface.

Traffic Handling:

Structure to be closed during construction. See roadway plans for traffic control.

REPAIRS TO BRIDGE: RAMP ROUTE I-270 WB TO US ROUTE 67 SB OVER RAMP ROUTE I-55 NB TO ROUTE I-255 SB

RAMP I-270 WB FROM ROUTE I-55 TO ROUTE 67
ABOUT 0.1 MILE EAST OF ROUTE I-55
BEGINNING STATION 6+01.08± (Match Existing)

Detailed June 2026
Checked July 2026

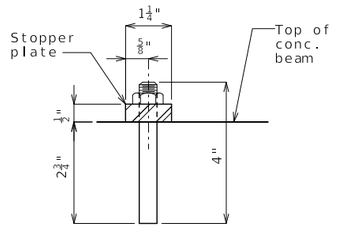
Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
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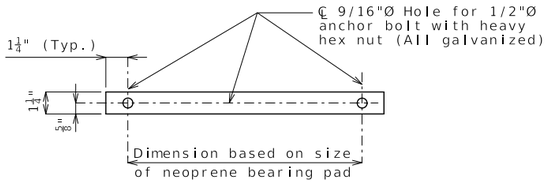
DATE PREPARED 8/24/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 1
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A50822

DESCRIPTION | DATE

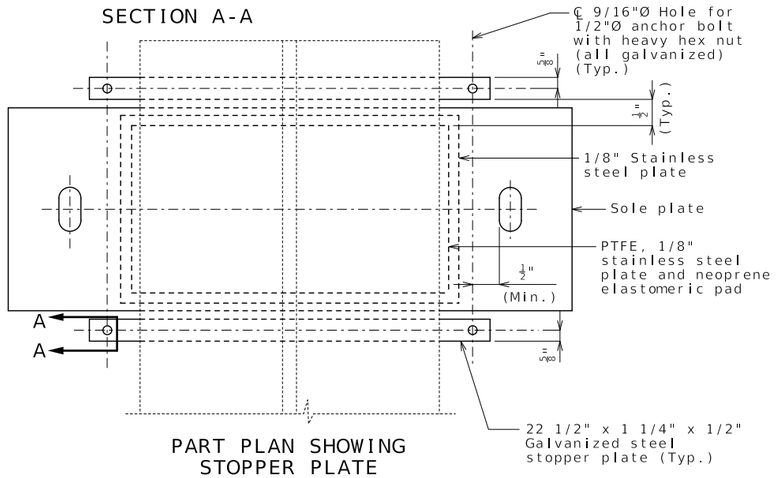
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



SECTION A-A



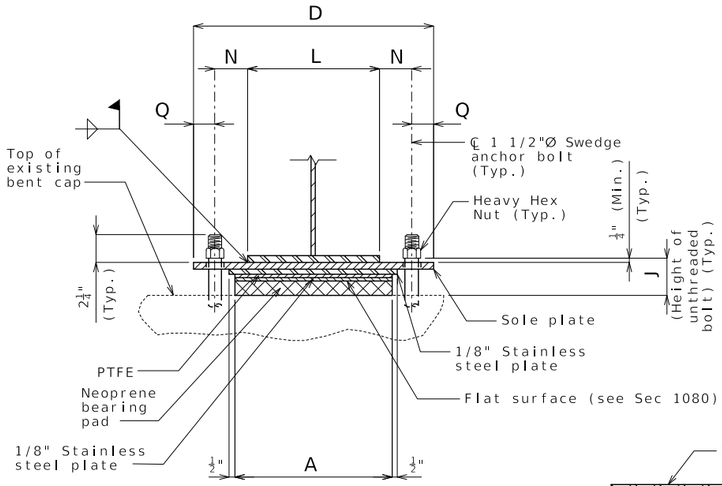
PLAN OF GALVANIZED STEEL STOPPER PLATE



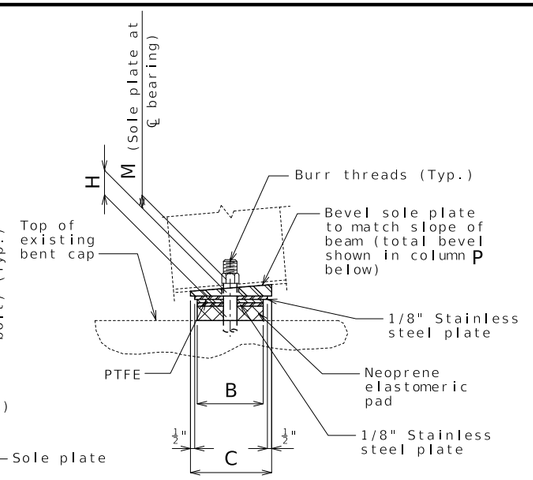
PART PLAN SHOWING STOPPER PLATE

Stopper plates shall be provided to prevent loss of support due to creeping of PTFE bearings. Payment for fabricating and installing the stopper plates will be considered completely covered by the contract unit price for Type N PTFE Bearing.

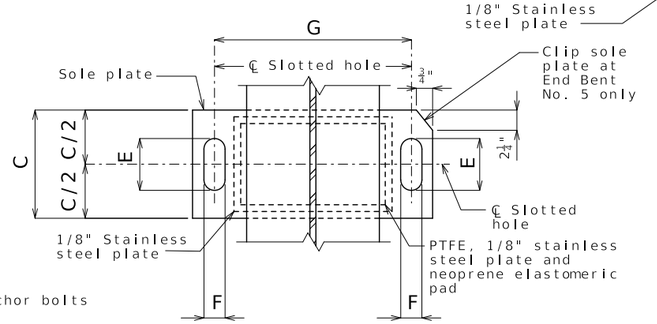
The bottom face of the 1/8" stainless steel plate that is welded to the sole plate shall be lubricated with a lubricant that is approved by the bearing manufacturer.



END VIEW



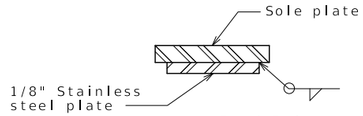
SIDE VIEW

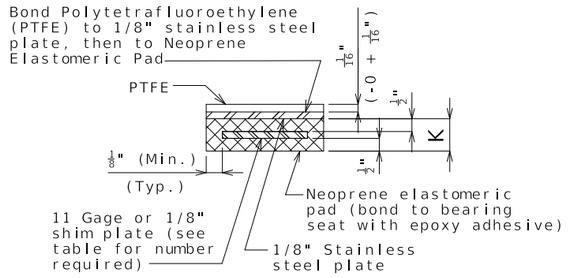


PART PLAN

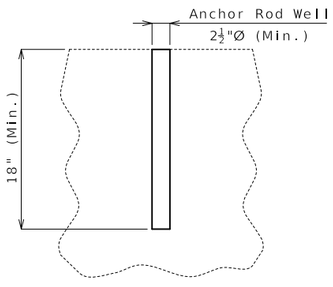
(1) ⅛" for ¾"Ø thru 1¼"Ø anchor bolts

⅛" to ¼" for 1⅜"Ø thru 2½"Ø anchor bolts

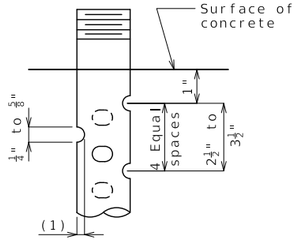




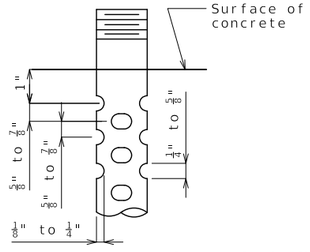
NEOPRENE ELASTOMERIC PAD



DETAIL OF ANCHOR ROD WELLS



DETAIL FOR 3/4"Ø THRU 2 1/2"Ø ANCHOR BOLTS



OPTIONAL DETAIL FOR 1 3/8"Ø THRU 2 1/2"Ø ANCHOR BOLTS

SWEDGE ANCHOR BOLT DETAILS

PTFE SLIDING BEARINGS

BENT NO.	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	NUMBER OF SHIM PLATES *	NUMBER REQUIRED
1	18"	12"	17½"	26½"	5⅝"	1⅝"	22"	1 7/16"	3½"	1⅛"	14"	1½"	4"	13/16"	2¼"	3/16"	1	4
5	18"	12"	17½"	26½"	5⅝"	1⅝"	22"	1 7/16"	3½"	1⅛"	14"	1¼"	4"	½"	2¼"	⅛"	1	4
																	TOTAL BEARINGS	8

* The required shim plate shall be placed between layers of elastomer and molded together to form an integral unit.

TYPE N PTFE BEARINGS

GENERAL NOTES:

Design coefficient of friction equals 0.2.

Anchor bolts shall be 1 1/2"Ø ASTM F1554 Grade 55 swedged bolts and shall extend 15" into the concrete with ASTM A563 Grade A Heavy Hex nuts. Actual manufacturer's certified mill test reports (chemical and mechanical) shall be provided. Swedging shall be 1" less than extension into the concrete.

Anchor bolts shall be at the centerline of slotted hole at 60°F. Bearing position shall be adjusted R for each 10° fall or rise in temperature at installation.

Anchor bolts and heavy hex nuts shall be coated with a minimum of two coats of inorganic zinc primer to provide a total dry film thickness of 4 mils minimum, 6 mils maximum, or galvanized in accordance with ASTM F2329.

Neoprene Elastomeric Pads shall be 70 Durometer.

Structural steel for sole plate shall be ASTM A709 Grade 50 and shall be coated with a minimum of two coats of inorganic zinc primer to provide a total dry film thickness of 4 mils minimum, 6 mils maximum. The stainless steel plate shall be protected from any coating.

Type N PTFE Bearings shall be in accordance with Sec 716.

PTFE surface shall be fabricated as a single piece. Splicing will not be permitted.

The PTFE surface shall be flat.

Cost of removing existing bearings and anchor bolts will be considered completely covered by the contract unit price for Removal of Existing Bearings. See special provisions for other requirements.

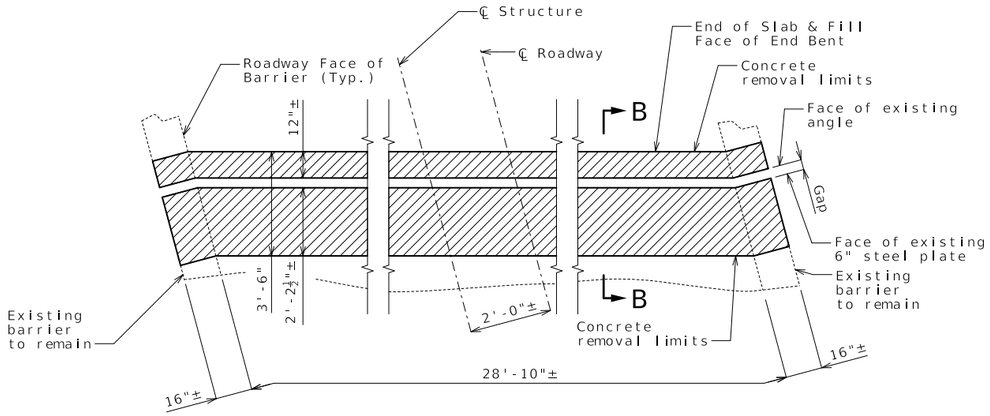
The required temporary support shall be capable of safely supporting a service load of 105 kips/girder (factor safety not included). This load includes the dead load and a construction load of 50 psf. Live load with impact is 85 kips.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/20/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 2
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A50822

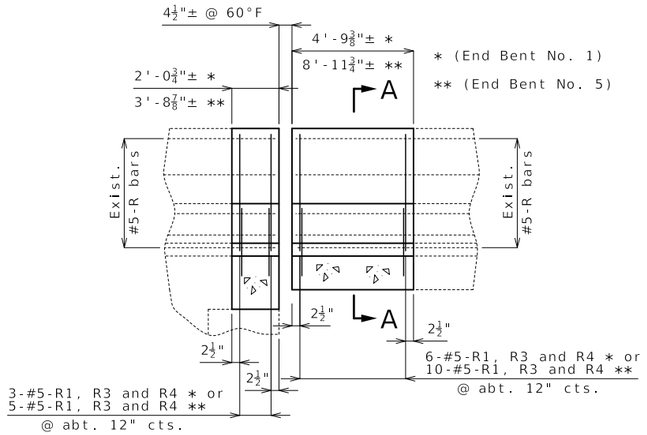
DESCRIPTION | DATE

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

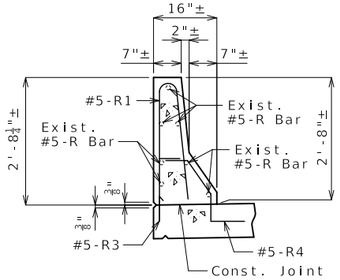


REMOVAL PLAN AT END BENTS NO. 1 & 5

(End Bent No. 1 shown, End Bent No. 5 similar)



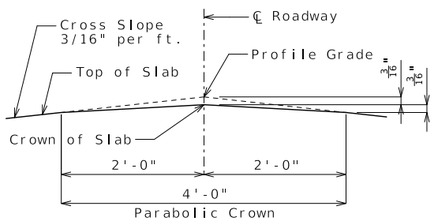
PART ELEVATION OF BARRIER



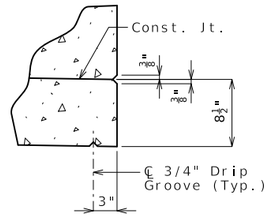
SECTION A-A

The cross-sectional area above the slab is 2.27 square feet.

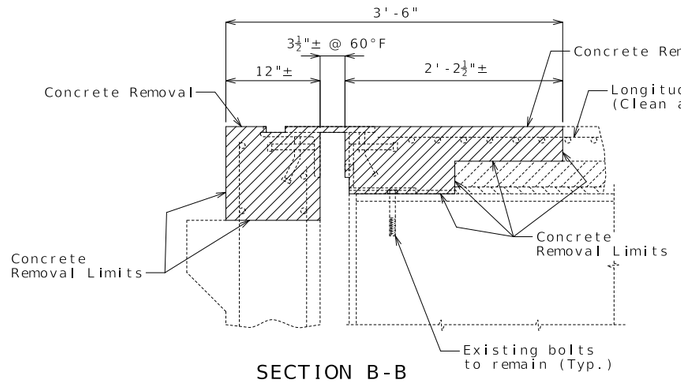
Cut or bend existing longitudinal #5-R bars & #5-R4 to clear segmental joint blockout by 2" as needed.



CROWN DETAIL

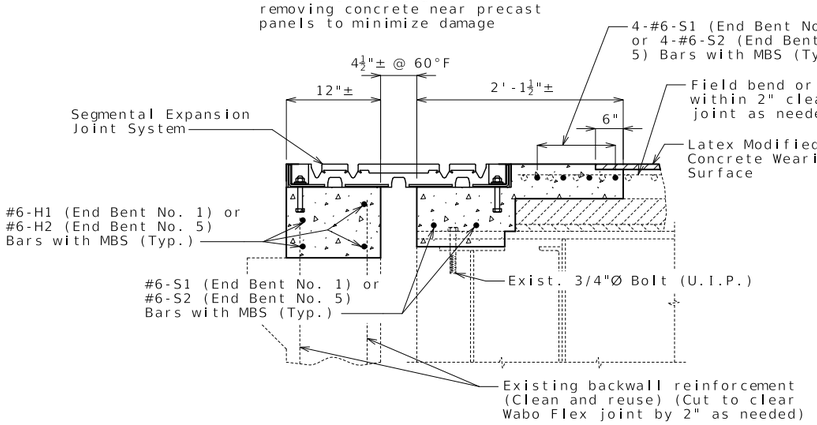


DRIP GROOVE DETAIL



SECTION B-B

Note: Exercise caution when removing concrete near precast panels to minimize damage



SLAB REPLACEMENT DETAIL

Note: Full depth slab replacement required over girders and overhangs.

Notes:

Remove concrete in accordance with Sec 216.

Removal shall include removal of the existing expansion joint armor as detailed and shall be completely covered by the contract unit price for Removal of Existing Expansion Joint & Adjacent Concrete.

Any existing concrete traffic delineators on the barrier removed during the joint replacement process shall be replaced with like and kind and covered by the contract unit price for Remove and Replace Barrier Curb.

Barrier to be built parallel to grade with barrier joints on superstructure.

All exposed edges of barrier (Type B) shall match existing barrier edges.

Existing reinforcing may be replaced with like and in kind in accordance with Sec 216.

Any damage to the existing reinforcing epoxy coating shall be repaired according to Sec 710.

Concrete work shall be in accordance with Sec 704.

Cost for slab concrete, complete in place, for expansion joint replacement will be considered completely covered by the contract unit price for Class B-2 Concrete.

Cost for furnishing and installing reinforcing steel for expansion joint replacement will be considered completely covered by the contract unit price for Reinforcing Steel (Epoxy Coated).

Cost for all concrete and reinforcement for barrier, complete in place, will be considered completely covered by the contract unit price for Remove and Replace Barrier Curb.

Existing plans provided 3 1/2" gap from leg of 8"x6"x5/8" angle to mounted 6"x 5/8" plate on superstructure at 60°F at time of construction. For replacement joint, adjust gap dimension as needed to match diaphragm faces.

MBS refers to mechanical bar splices. Mechanical bar splices shall be in accordance with Sec 706 or 710 except that no measurement will be made for mechanical bar splices and they will be considered completely covered by the contract unit price for other items.

SLAB REMOVAL AND REPLACEMENT AT END BENTS NO. 1 & 5

Detailed July 2026
Checked July 2026

Note: This drawing is not to scale. Follow dimensions.

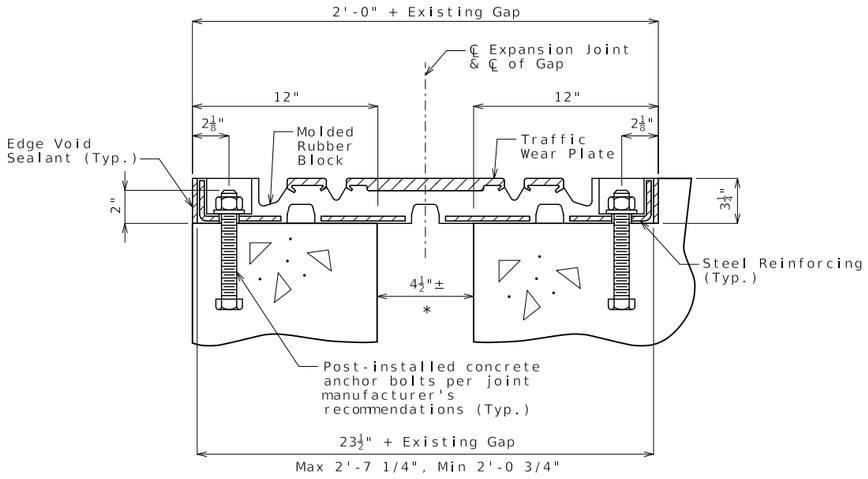
STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/20/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 3
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A50822

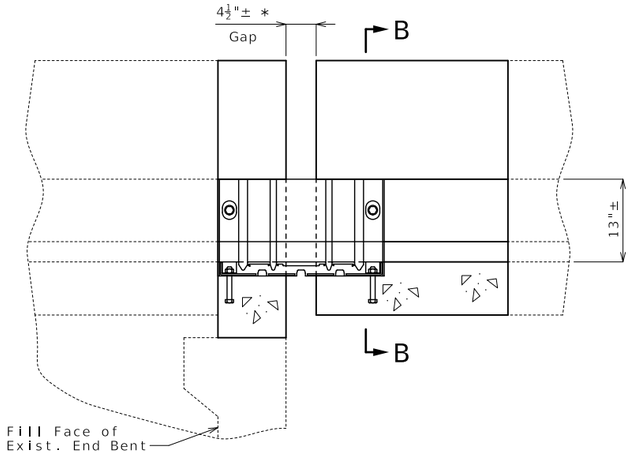
DESCRIPTION | DATE | REVISION

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

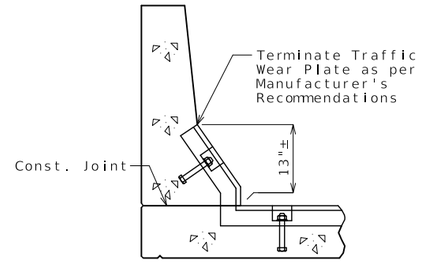
REV.



SECTION THRU JOINT



PART SECTION OF BARRIER



SECTION B-B

* Existing plans provided 3 1/2" gap from face of 8"x6"x5/8" angle to mounted 6"x5/8" plate on superstructure at 60°F at time of construction. For replacement joint, adjust gap dimension as needed to match backwall and end of slab faces.

Notes:

The installation temperature shall be taken as the actual air temperature averaged over the 24-hour period immediately preceding installation.

Replacement expansion joint shall be a WaboFlex Model SR6.5A as manufactured by Watson Bowman Acme Corp., Amherst, New York. The new joint is to be installed per manufacturer's recommendations.

The expansion device shall be fabricated to match the crown of the roadway.

All anchor bolts, hardened washers, lock washers and nuts shall be galvanized in accordance with AASHTO M232 (ASTM A153).

SEGMENTAL EXPANSION JOINT SYSTEM AT END BENTS NO. 1 & 5

Detailed July 2026
Checked July 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED
8/20/2026

ROUTE	STATE
I-270	MO
DISTRICT	SHEET NO.
BR	4

COUNTY
ST. LOUIS

JOB NO.
JSL0053

CONTRACT ID.

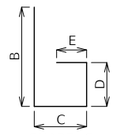
PROJECT NO.

BRIDGE NO.
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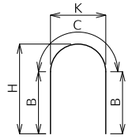
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

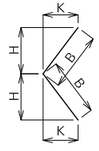
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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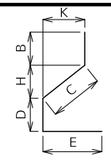
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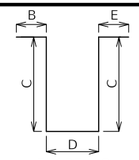
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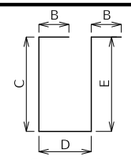
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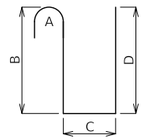
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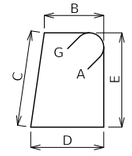
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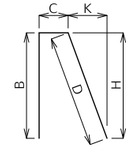
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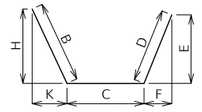
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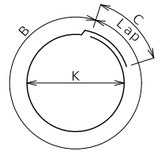
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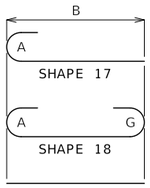
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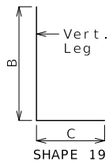
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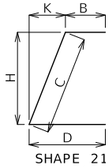
SHAPE 16



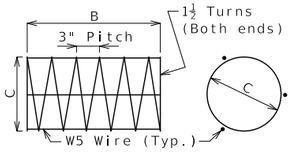
SHAPE 17
SHAPE 18
SHAPE 20



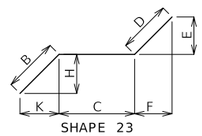
SHAPE 19
or 19S



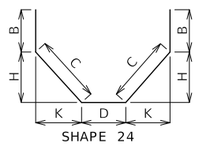
SHAPE 21
or 21S



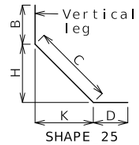
SHAPE 22



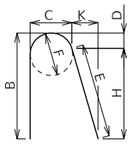
SHAPE 23
or 23S



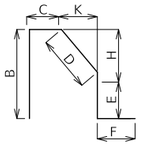
SHAPE 24
or 24S



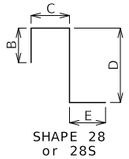
SHAPE 25
or 25S



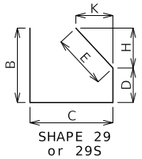
SHAPE 26



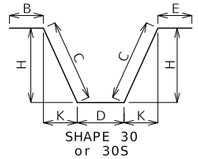
SHAPE 27S



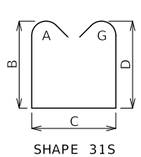
SHAPE 28
or 28S



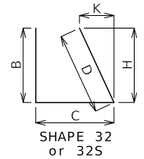
SHAPE 29
or 29S



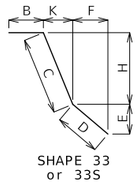
SHAPE 30
or 30S



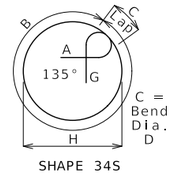
SHAPE 31S



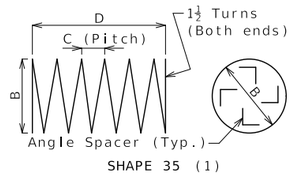
SHAPE 32
or 32S



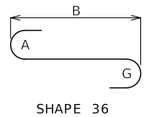
SHAPE 33
or 33S



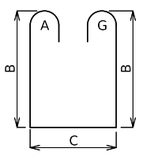
SHAPE 34S



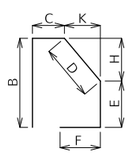
SHAPE 35 (1)



SHAPE 36



SHAPE 37S



SHAPE 38S

All dimensions are out to out.

Shapes ending with an S shall be bent in accordance with stirrup pin bend shapes.

Unless otherwise noted, finished bending diameter D is the same for all bends of a shape.

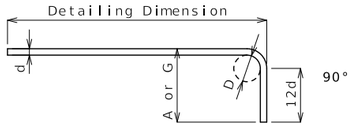
(1) Shall be a deformed or plain spiral bar or wire.

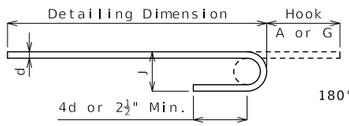
Four angle or channel spacers are required for each column spiral. Spacers are to be placed on inside of spirals. Length and weight of column spirals do not include splices or spacers.

Finished Bend Diameters D and Hook Dimensions

Standard Pin Bend Shapes

Size	Case	D	A or G		J
			90°	180°	180°
#4	1	3"	8"	6"	4"
#5	1	3¾"	10"	7"	5"
#6	1	4½"	12"	8¼"	6"
#7	2	5¼"	14"	9¾"	7"
	3	7"	15"	11½"	8¾"
#8	2	6"	16"	11"	8"
	3	8"	17"	13¼"	10"
#9	1	9½"	19½"	15½"	11¾"
#10	1	10¾"	22"	17½"	13¼"
#11	1	12"	24½"	19½"	14⅞"
#14	1	18¼"	31¼"	27½"	21⅝"
#18	1	24"	41½"	36¼"	28½"



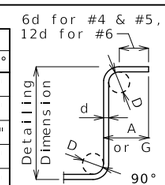


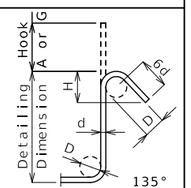
Stirrup Pin Bend Shapes (S)

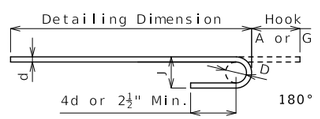
Size	Case	D	A or G		H	J
			90°	135°	180°	135°	180°
#4	2	2"	4½"	4½"	5"	2⅞"	3"
	3	3"	5"	5¼"	6"	3"	4"
#5	2	2½"	5¾"	5¾"	5¾"	3⅝"	3¾"
	3	3¾"	6¼"	6½"	7"	3⅞"	5"
#6	1	4½"	12"	7¾"	8¼"	4⅝"	6"

Applicable for all grades of steel.

Case 1 applies to all reinforcement. Case 2 applies to all reinforcement except for galvanized bars. Case 3 applies to galvanized bars only.







BENDING DIAGRAMS

Nominal lengths are based on out to out dimensions shown in bending diagrams and are listed to the nearest inch for fabricator's use. Actual lengths are measured along centerline bar to the nearest inch. Weights are based on actual lengths.

Reinforcing steel (ASTM A615 Grade 60) fy = 60,000 psi

Codes: C = Required coatings, where E = Epoxy Coated and G = Galvanized.

SH = Required shape, see bending diagrams.

V = Sets of varied bars and number of bars of each length. Bar dimensions vary in equal increments between dimensions shown on this line and the following line and the actual length dimension shown on this line and the following line vary by the specified increment.

Reinforcing Steel Totals (Pounds)

	Size	Substructure		Superstructure			Entire Bridge	
		Plain	Epoxy	Slab	Barrier	Slip Form	Plain	Epoxy
By Size	W5	0	0	0	0	0	0	0
	4	0	0	0	0	0	0	0
	5	0	0	0	488	0	0	488
	6	0	0	2,646	0	0	0	2,646
	7	0	0	0	0	0	0	0
By Type		0	0	2,646	488	0	0	3,134

All superstructure reinforcing steel shall be epoxy coated unless otherwise specified.

Bill of Reinforcing Steel

No. Req.	Size/ Mark	Location	Codes			Dimensions B	C	D	E	F	H	K	Nom. Length	Actual Length	Weight
			C	SH	V	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	ft in.	lb
		SUPERSTRUCTURE													
		SLAB													
8	6 H1	SLAB	E	20		29 8.00							29 8	29 8	356
8	6 H2	SLAB	E	20		53 11.00							53 11	53 11	648
12	6 S1	SLAB	E	20		32 4.00							32 4	32 4	583
12	6 S2	SLAB	E	20		58 9.00							58 9	58 9	1,059
		BARRIER													
		TYPE B													
48	5 R1	BARRIER	E	26		2 5.00	4.00	1.75	2 3.50	4.00	2 3.25	3.00	5 2	5 0	250
48	5 R3	BARRIER	E	19S		17.75	5.75						2 0	1 10	92
48	5 R4	BARRIER	E	27S			5.75	11.75	7.75	12.00	9.50	6.75	3 1	2 11	146

BILL OF REINFORCING STEEL

Detailed July 2026
Checked July 2026

Note: This drawing is not to scale. Follow dimensions.

STATE OF MISSOURI
TRENTON B. CRAWFORD
NUMBER PE-2012018053
PROFESSIONAL ENGINEER
THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/20/2026
ROUTE I-270 | STATE MO
DISTRICT BR | SHEET NO. 5
COUNTY ST. LOUIS
JOB NO. JSL0053
CONTRACT ID.
PROJECT NO.
BRIDGE NO. A50822

DESCRIPTION | DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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