

A.A.D.T. - 2026 = 13,661
A.A.D.T. - 2046 = 15,019
D.H.V. = 600
T = 14.97%
V = 40 M.P.H.
D = 50.82% / 49.18%

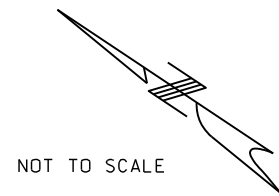
FUNCTIONAL CLASSIFICATION - PRINCIPAL ARTERIAL

NO NEW RIGHT-OF-WAY TO BE ACQUIRED

PLANS WERE DEVELOPED ON AVAILABLE
MAPPING FROM PREVIOUS PROJECT. THE ALIGNMENT
IS APPROXIMATE AND SHOWN FOR INFORMATION
ONLY.

	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-
WESTLAKE SANITARY FORCEMAIN	-FM-	-FM-
SANITARY SEWER	-S-	-S-
STORM SEWER	-SS-	-SS-
GAS	-G-	-G-
WATER	-W-	-W-
MANHOLE		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
DECORATIVE LIGHT POLE		
H-FRAME POWER POLE		
POWER POLE		
GUY WIRE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		
TEMPORARY CONSTRUCTION EASEMENT		
DO NOT DISTURB	(DND)	(DND)
REMOVE	(R)	(R)
RELOCATE	(RELOC.)	(RELOC.)
ADJUST TO GRADE	(ATG)	(ATG)
USE IN PLACE	(UIP)	(UIP)
TO BE ABANDONED	(TBA)	(TBA)
CURB RAMP AND DOME	CR&D	CR&D
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES		

KEY MAP
SHOWING LOCATION OF
ST. LOUIS COUNTY



SUBMITTED: 9/15/2026

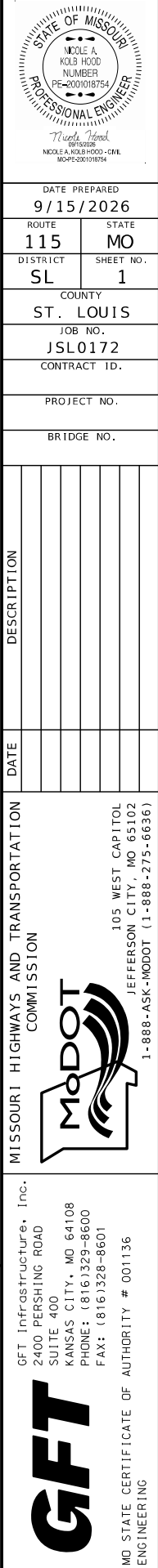
DESCRIPTION	SHEET NUMBER
TITLE SHEET -----	1
TYPICAL SECTIONS (TS) (3 SHEETS) ---	2
QUANTITIES (QU) (5 SHEETS) -----	3
PLAN SHEETS -----	4-10
SPECIAL SHEETS -----	11-18
TRAFFIC CONTROL SHEETS (TC) -----	19-27
LIGHTING SHEETS (LS) -----	28-32
SIGNAL (SG) -----	33
SIGNING (SN) -----	34-49
PAVEMENT MARKING (PM) -----	50-56

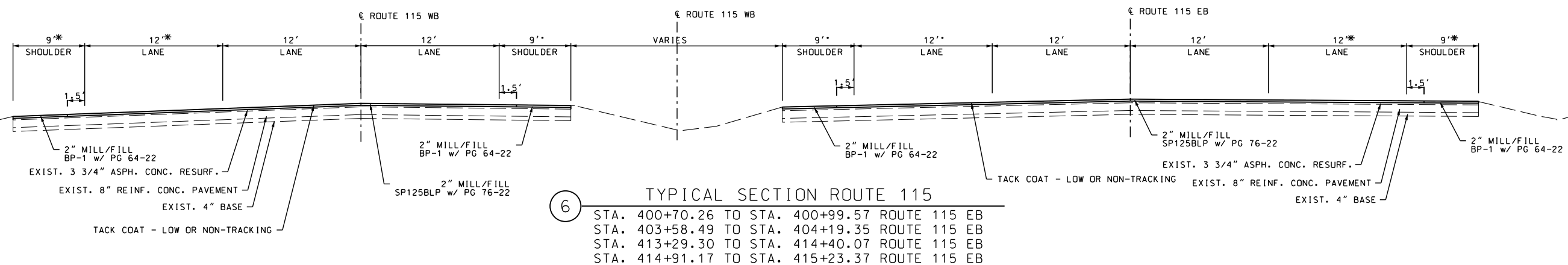
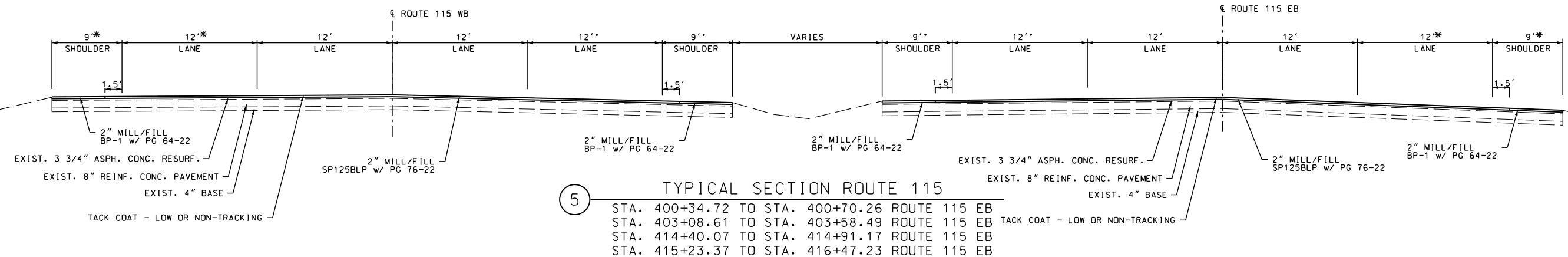
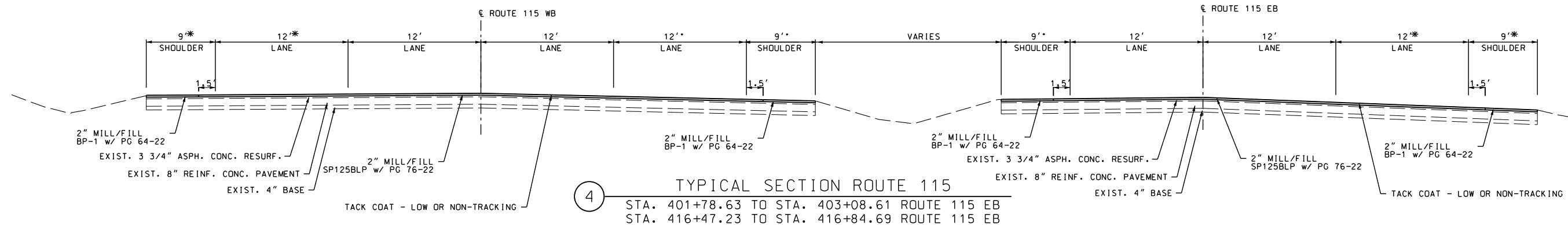
[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

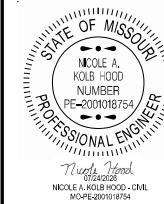
TOTAL CORRECTIONS	0 FEET
NET LENGTH OF PROJECT	6.618.99 FEET
STATE LENGTH	1.25 MILES





* VARIES

TYPICAL SECTIONS
2 OF 3



DATE PREPARED
7/22/2026

ROUTE	STATE
115	MO

DISTRICT	SHEET 1
SL	2

COUNTY
ST. LOUIS

JOB NO.
JSL0172

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

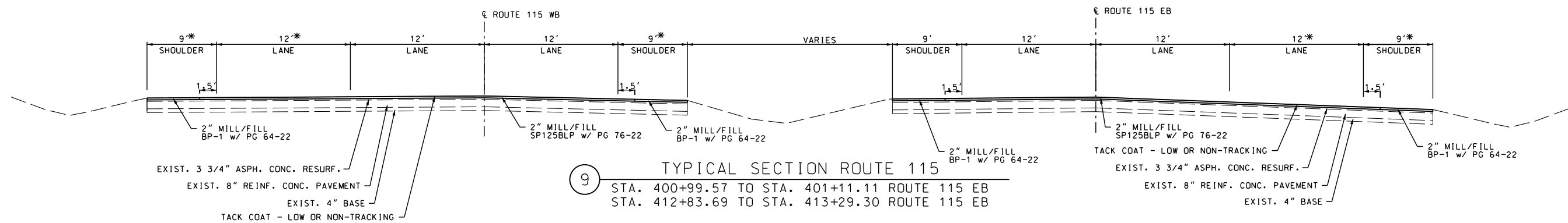
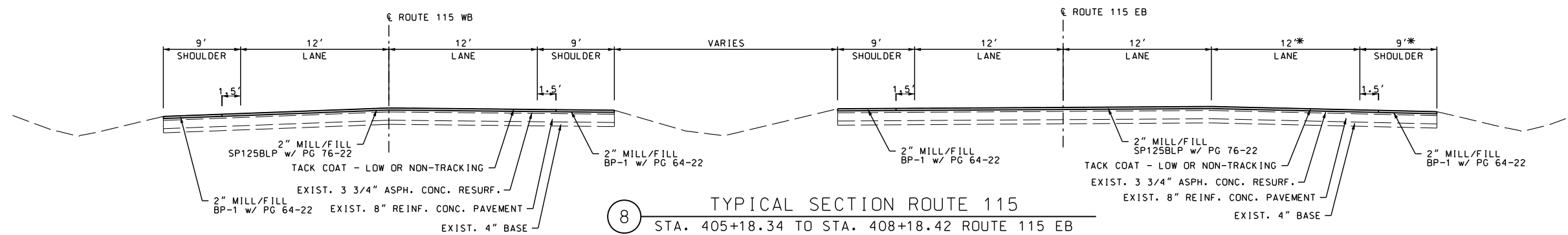
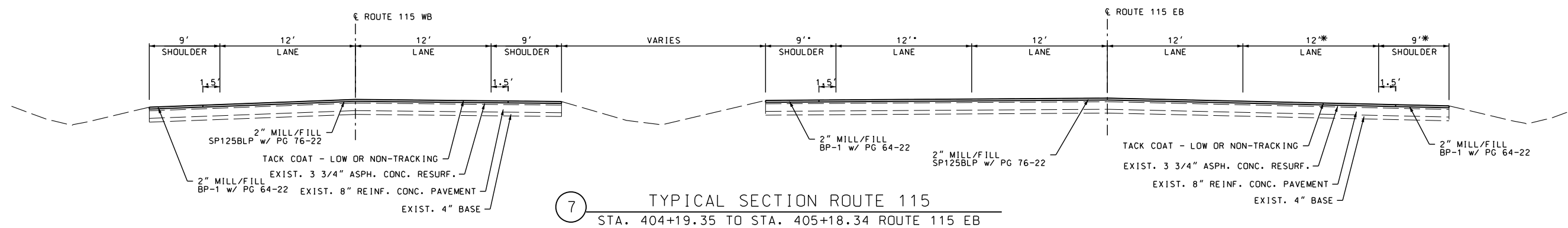
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

CGT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
AUTHORITY # 001136

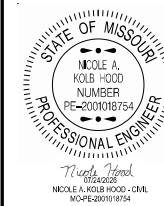
MO STATE CERTIFICATE OF AUTHORITY # 001136
FAX: (816)328-860

REV



* VARIES

TYPICAL SECTIONS
3 OF 3



DATE PREPARED
7/22/2026

ROUTE	STATE
115	MO

DISTRICT	SHEET 1
SL	2

COUNTY
ST. LOUIS

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105 WEST CAPITOL
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AUTHORITY # 001136

FAX: (816)328-8601

REV

MILLING/OVERLAY, SHOULDER, AND OPTIONAL PAVEMENT									
PLAN SHEET	FROM STATION	TO STATION	ROADWAY	LOCATION	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS) (SQYD)	ASPHALTIC CONCRETE MIXTURE 76-22 (SP125BLP MIX) (TONS)	ASPHALTIC CONCRETE MIXTURE 64-22 (BP-1) (TONS)	TACK COAT NON-TRACKING (GAL)	REMARKS
1	393+01.03	403+00	ROUTE 115 EB	LT & RT	5903	492.3	149.7	355	
1	389+11.89	395+00	ROUTE 115 WB	LT & RT	3126	301.3	37.2	188	
2	403+00	413+50	ROUTE 115 EB	LT & RT	5811	423.5	208.4	349	
2	395+00	405+50	ROUTE 115 WB	LT & RT	5348	323	239.7	321	
3	413+50	424+00	ROUTE 115 EB	LT & RT	5051	461.3	88.1	304	
3	405+50	416+00	ROUTE 115 WB	LT & RT	5474	474.3	115.5	329	
4	424+00	434+50	ROUTE 115 EB	LT & RT	4984	339	198.4	300	
4	416+00	426+00	ROUTE 115 WB	LT & RT	4622	315.9	186.8	278	
5	434+50	445+00	ROUTE 115 EB	LT & RT	4781	342.6	177.5	287	
5	426+00	436+50	ROUTE 115 WB	LT & RT	4940	342.6	194.7	297	
6	445+00	455+25	ROUTE 115 EB	LT & RT	4626	334.5	168.8	278	
6	436+50	447+67.78	ROUTE 115 WB	LT & RT	4798	364.7	177.1	288	
7	455+25	457+24.07	ROUTE 115 EB	LT & RT	867	65	25.7	53	
7	447+67.78	448+13.88	ROUTE 115 WB	LT & RT	769	58	29.4	47	
7	1+00	2+95.00	ROUTE 115	LT	863	63.8	30.1	52	
7	1+00	2+95.00	ROUTE 115	RT	867	63.5	30.9	53	
1	400+48.55	401+10.55	ROUTE 115 EB	LT	198	21.6		12	
2	404+29.94	405+09.60	ROUTE 115 EB	LT	266	28.9		16	
2	407+51.73	408+17.05	ROUTE 115 EB	LT	366	39.9		22	
3	415+67.24	416+70.37	ROUTE 115 EB	LT	729	79.3		44	
3	421+99.08	422+91.41	ROUTE 115 EB	LT	760	95.8		46	
4	428+89.62	429+76.32	ROUTE 115 EB	LT	1337	145.4		81	
6	451+82.07	452+71.11	ROUTE 115 EB	LT	632	68.8		38	
7	456+18.04	456+50.29	ROUTE 115 EB	LT	82	8.9		5	
		TOTAL			67200	5253.9	2058.0	4043	

POLES, FOUNDATIONS & APPURTENANCES								
SHEET	POLE NUMBER	ROADWAY	STATION	OFFSET	LIGHT POLE 45' M.H. TYPE AT DESIGN 2 (EA)	LED-C LUMINAIRE (EA)	#10 AWG CABLE (POLE & BRACKET) (LF)	45' POLE FOUNDATION (EA)
21	1	EB ROUTE 115	404+59	39' RT.	1	1	270	1
21	2	WB ROUTE 115	397+15	28' RT.	1	1	270	1
21	3	WB ROUTE 115	400+26	37' RT.	1	1	270	1
21	4	EB ROUTE 115	407+45	31' RT.	1	1	270	1
21	5	EB ROUTE 115	410+68	31' RT.	1	1	270	1
22	6	EB ROUTE 115	422+49	32' RT.	1	1	270	1
22	7	WB ROUTE 115	413+41	33' RT.	1	1	270	1
23	8	WB ROUTE 115	420+61	32' RT.	1	1	270	1
23	9	WB ROUTE 115	422+97	29' RT.	1	1	270	1
24	10	WB ROUTE 115	432+06	29' RT.	1	1	270	1
23	11	EB ROUTE 115	429+09	31' RT.	1	1	270	1
25	12	EB ROUTE 115	446+69	30' RT.	1	1	270	1
TOTAL					12	12	3240	12

CONCRETE CURB							
PLAN SHEET	STATION	OFFSET	ROADWAY	LOCATION	CONCRETE GUTTER TYPE A (LF)	CURB MODIFICATION (LF)	REMARKS
1	393+23.00	28.19'	RTE 115 WB	RT	9	10	

ADDITIONAL QUANTITIES
LOCATED IN SIGNING
AND SIGNAL SHEETS.

REMOVAL OF IMPROVEMENTS
PAY TOTAL - 1 LUMP SUM

CONTRACTOR FURNISHED SURVEYING & STAKING
PAY TOTAL - 1 LUMP SUM

MOBILIZATION
PAY TOTAL - 1 LUMP SUM

LIGHTING CONTROL CABLE				
SHEET	FROM	TO	LENGTH	CABLE, #2 AWG 1 CONDUCTOR (LF)
21	TRANSFORMER	CONTROLLER "A"	10	210
23	TRANSFORMER	CONTROLLER "B"	110	480
TOTAL				690

BASE MOUNTED CONTROL STATION (240 VOLT - 4 CIRCUIT)									
SHEET	ITEM NAME	STATION	OFFSET	LOCATION	BREAKER (AMPS) CIRCUIT				
					MAIN	1	2	3	4
21	CONTROLLER "A"	397+95	47' LT.	WB ROUTE 115	40	15	15	15	15
23	CONTROLLER "B"	419+72	41' RT.	WB ROUTE 115	40	15	15	15	15
TOTAL					2				

LIGHTING CABLE						
SHEET	CIRCUIT	FROM	TO	LENGTH	CABLE, #4 AWG (LF)	BARE NEUTRAL WIRE, #4 AWG (LF)
21	A-1, A-2, A-3	CONTROLLER "A"	PB	11	156	26
21	A-1, A-2, A-3	PB	PB	78	563	94
21	A-1	PB	POLE 2	69	169	84
21	A-1	POLE 2	POLE 1	109	253	126
21	A-2	PB	POLE 3	247	543	271
21	A-3	PB	POLE 4	175	392	196
21	A-3	POLE 4	POLE 5	324	704	352
22	B-1	POLE 6	POLE 7	276	603	302
23	B-1	POLE 7	PB	651	1391	696
23	B-2	PB	POLE 8	87	207	103
23	B-2	POLE 8	POLE 9	232	511	256
23	B-2	POLE 9	POLE 10	915	1946	973
23	B-1, B-2, B-3	CONTROLLER "B"	PB	11	155	26
23	B-3	PB	PB	215	476	238
23	B-3	PB	POLE 11	120	276	138
23	B-3	POLE 11	POLE 12	1757	3714	1857
TOTAL					12059	5738

SUMMARY OF QUANTITIES
SHEET 1 OF 5

STATE OF MISSOURI

NICOLE A. KOEHL-ROOD

NUMBER

PE-2001018754

PROFESSIONAL ENGINEER

Nicole A. Rood

10042028

NICOLE A. KOEHL-ROOD - CIVIL

MO-PE-2001018754

DATE PREPARED

8/5/2026

ROUTE

115

STATE

MO

DISTRICT

SL

SHEET NO.

3

COUNTY

ST. LOUIS

JOB NO.

JSL0172

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)

GFT Infrastructure, Inc.

2400 PERSHING ROAD

SUITE 400

KANSAS CITY, MO 64108

PHONE: (816)329-8600

FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136

ENGINEERING

LIGHTING CONDUIT & TRENCHING												
SHEET	FROM				TO				TRENCHING TYPE 1 (LF)	CONDUIT 3 IN. RIGID TRENCHED (LF)	CONDUIT 3 IN. RIGID PUSHED (LF)	PREFORMED PULL BOX CLASS 5 (EA)
	ITEM NAME	LOCATION	STATION	SIDE	ITEM NAME	LOCATION	STATION	SIDE				
21	CONTROLLER "A"	WB ROUTE 115	397+95	LT	PULL BOX	WB ROUTE 115	397+84	LT	11	11		1
21	PULL BOX	WB ROUTE 115	397+84	LT	PULL BOX	WB ROUTE 115	397+84	RT			78	1
21	PULL BOX	WB ROUTE 115	397+84	RT	POLE 2	WB ROUTE 115	397+15	RT	69	69		1
21	POLE 2	WB ROUTE 115	397+15	RT	POLE 1	EB ROUTE 115	404+53	RT			109	1
21	PULL BOX	WB ROUTE 115	397+84	RT	POLE 3	WB ROUTE 115	400+26	RT			247	1
21	PULL BOX	WB ROUTE 115	397+84	RT	POLE 4	EB ROUTE 115	407+45	RT			175	1
21	POLE 4	EB ROUTE 115	407+45	RT	POLE 5	EB ROUTE 115	410+68	RT			324	1
22	POLE 6	EB ROUTE 115	422+44	RT	POLE 7	WB ROUTE 115	413+41	RT			276	1
23	POLE 7	WB ROUTE 115	413+41	RT	PULL BOX	WB ROUTE 115	419+82	RT	153	153	498	1
23	PULL BOX	WB ROUTE 115	419+82	RT	POLE 8	WB ROUTE 115	420+61	RT			87	1
23	POLE 8	WB ROUTE 115	420+61	RT	POLE 9	WB ROUTE 115	422+93	RT	182	182	46	1
23	POLE 9	WB ROUTE 115	422+93	RT	POLE 10	WB ROUTE 115	432+06	RT	619	619	300	1
23	CONTROLLER "B"	WB ROUTE 115	419+72	RT	PULL BOX	WB ROUTE 115	419+82	RT			11	1
23	PULL BOX	WB ROUTE 115	419+82	RT	PULL BOX	EB ROUTE 115	428+88	LT			215	1
23	PULL BOX	EB ROUTE 115	428+88	LT	POLE 11	EB ROUTE 115	429+09	RT			120	1
23	PULL BOX	EB ROUTE 115	429+09	RT	POLE 12	EB ROUTE 115	446+70	RT	1360	1360	397	1
TOTAL									2394	2394	2883	16

ADJUST TO GRADE & CONCRETE APRON							
PLAN SHEET	STATION	LOCATION	SIDE	ADJUST TO GRADE WATER VALVE (EA) *	ADJUSTING MANHOLE (EA)	CONCRETE MANHOLE APRON (EA)	REMARKS
2	396+54.89	RTE 115 WB	LT	1			
3	411+53.69	RTE 115 WB	LT	1			
3	412+51.94	RTE 115 WB	LT	1			
3	413+33.41	RTE 115 WB	LT	1			
3	413+36.89	RTE 115 WB	RT	1			
3	413+75.24	RTE 115 WB	RT		1	1	
4	419+74.00	RTE 115 WB	LT	1			
4	420+43.30	RTE 115 WB	LT	1			
4	422+92.81	RTE 115 WB	LT	1			
4	424+52.37	RTE 115 WB	LT	1			
4	425+56.01	RTE 115 WB	LT	1			
5	429+08.13	RTE 115 WB	LT	1			
6	441+30.65	RTE 115 WB	LT	1			
6	453+08.33	RTE 115 EB	LT	1			
7	448+83.48	RTE 115 WB	RT	1			
			TOTAL	14	1	1	

CULVERT CLEANOUT						
PLAN SHEET	STATION	OFFSET	ROADWAY	LOCATION	CULVERT CLEANOUT (EA)	REMARKS
1	391+53.98	43.27	RTE 115 WB	RT	1	
1	392+34.03	49.55	RTE 115 WB	RT	1	
				TOTAL	2	

* THERE WILL BE NO DIRECT PAY FOR THIS QUANTITY. THIS ITEM WILL BE CONSIDERED INCIDENTAL TO THE BID ITEM 604-20.10 - "ADJUSTING MANHOLE"



STATE OF MISSOURI
NICOLE A. KOBER-HOOD
LICENSE NUMBER
PE-2001018754
PROFESSIONAL ENGINEER
Nicole Hood
NICOLE A. KOBER-HOOD - CIVIL
MO-PE-2001018754

DATE PREPARED
8/5/2026

ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 3

COUNTY
ST. LOUIS

JOB NO.
JSL0172

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)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136

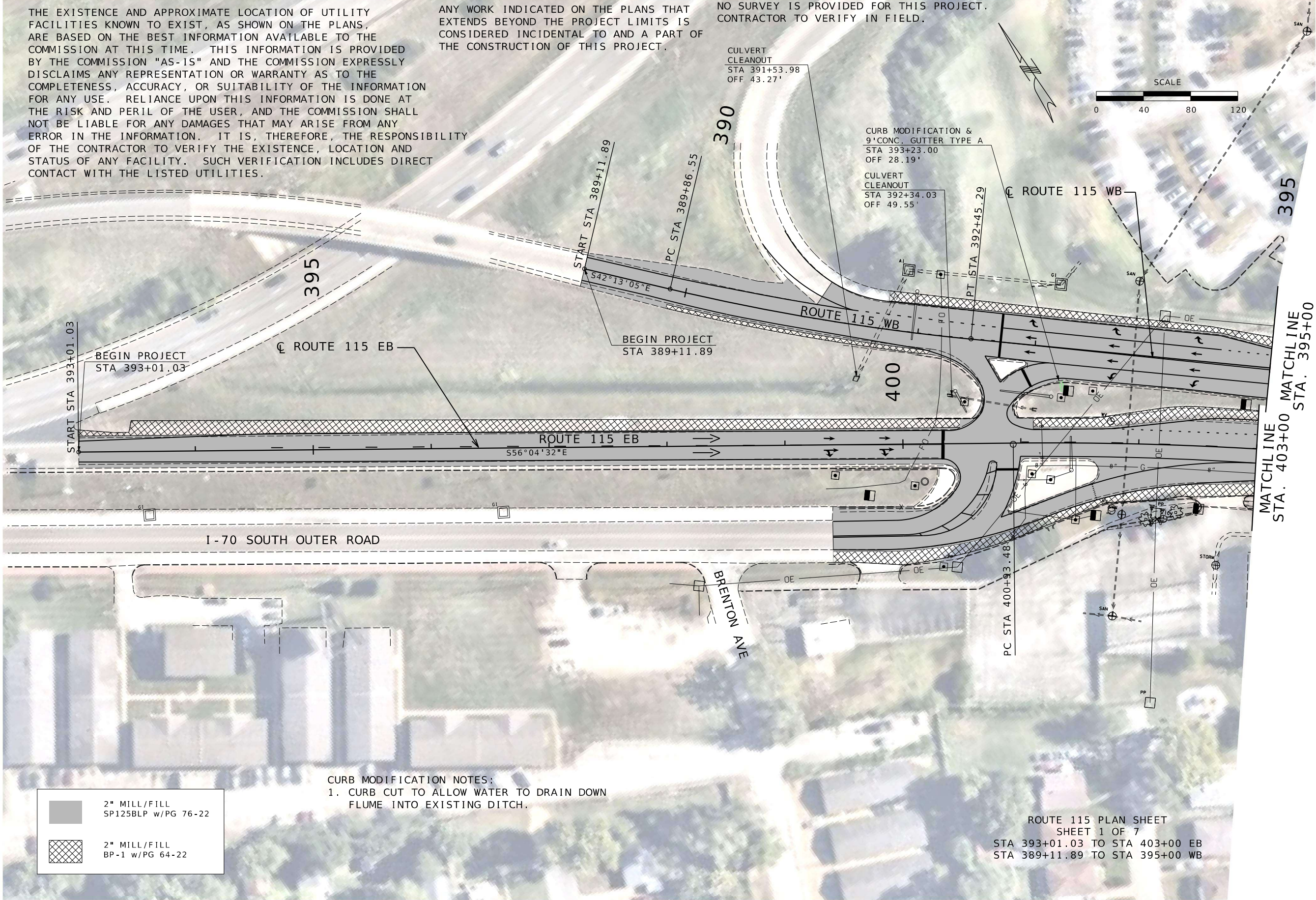


ENGINEERING

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.

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

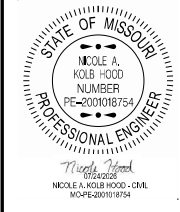
NO SURVEY IS PROVIDED FOR THIS PROJECT. CONTRACTOR TO VERIFY IN FIELD.



	2" MILL/FILL SP125BLP w/PG 76-22
	2" MILL/FILL BP-1 w/PG 64-22

CURB MODIFICATION NOTES:
1. CURB CUT TO ALLOW WATER TO DRAIN DOWN FLUME INTO EXISTING DITCH.

ROUTE 115 PLAN SHEET
SHEET 1 OF 7
STA 393+01.03 TO STA 403+00 EB
STA 389+11.89 TO STA 395+00 WB



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 4
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

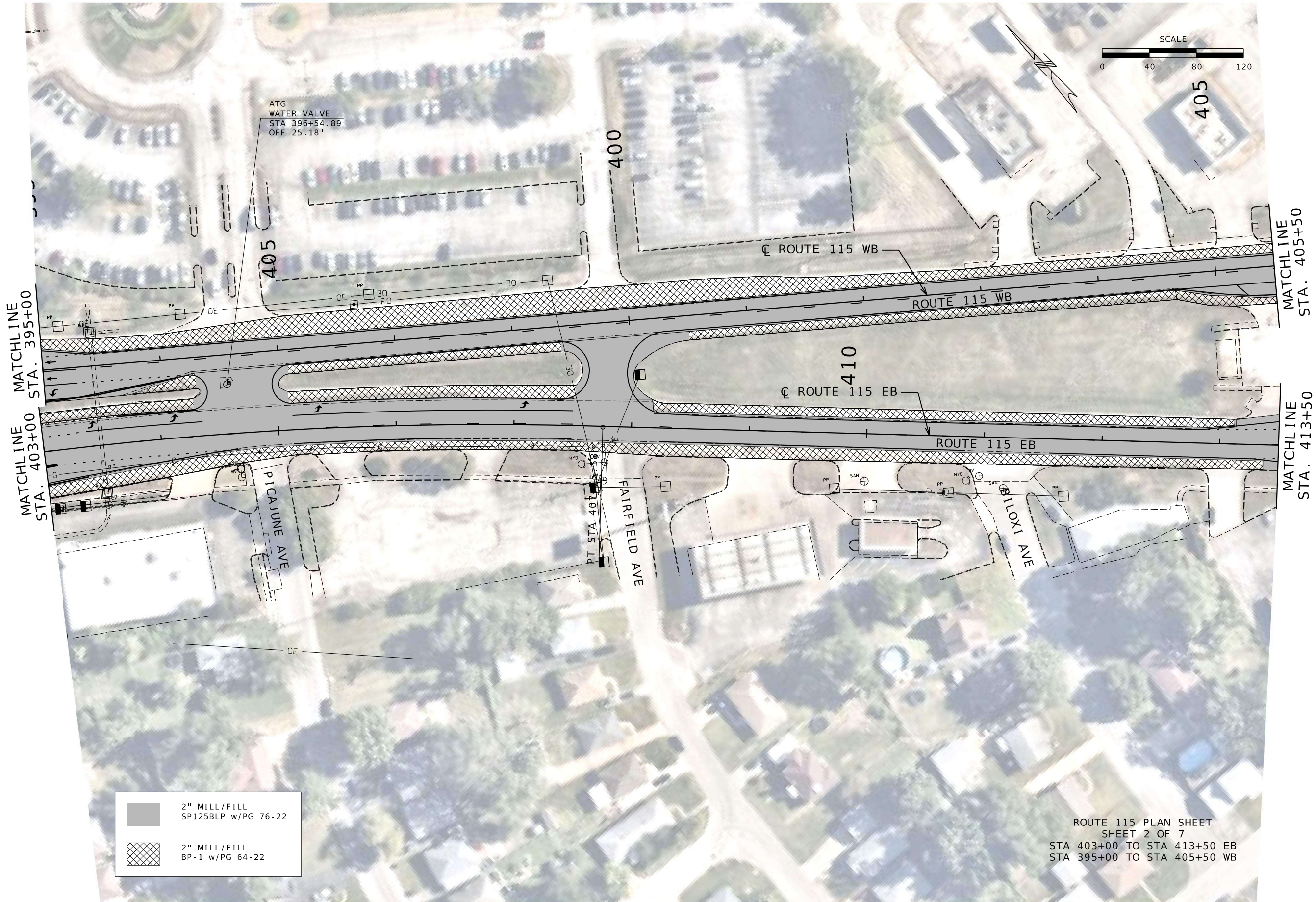
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

GFT



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 5
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

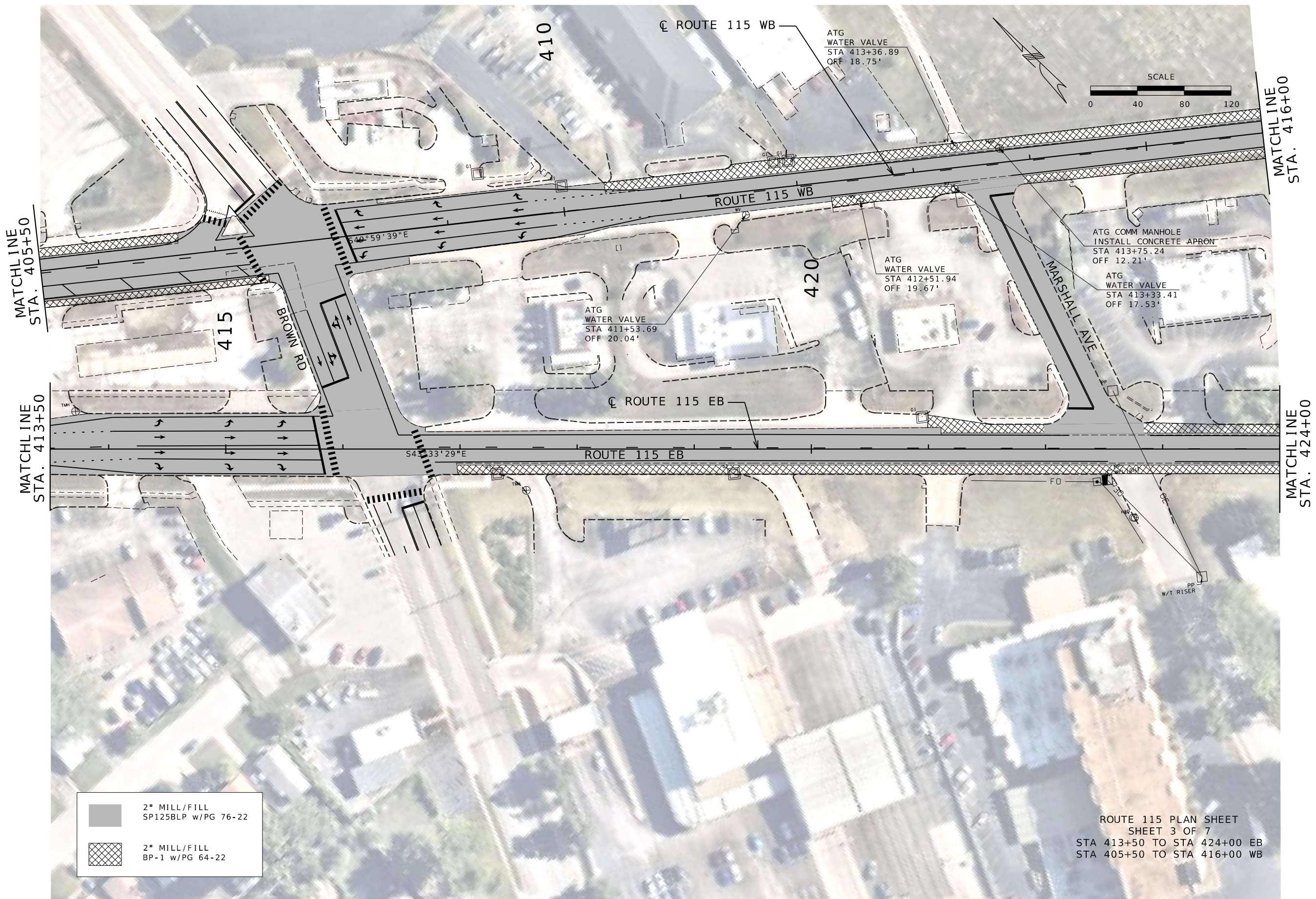
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

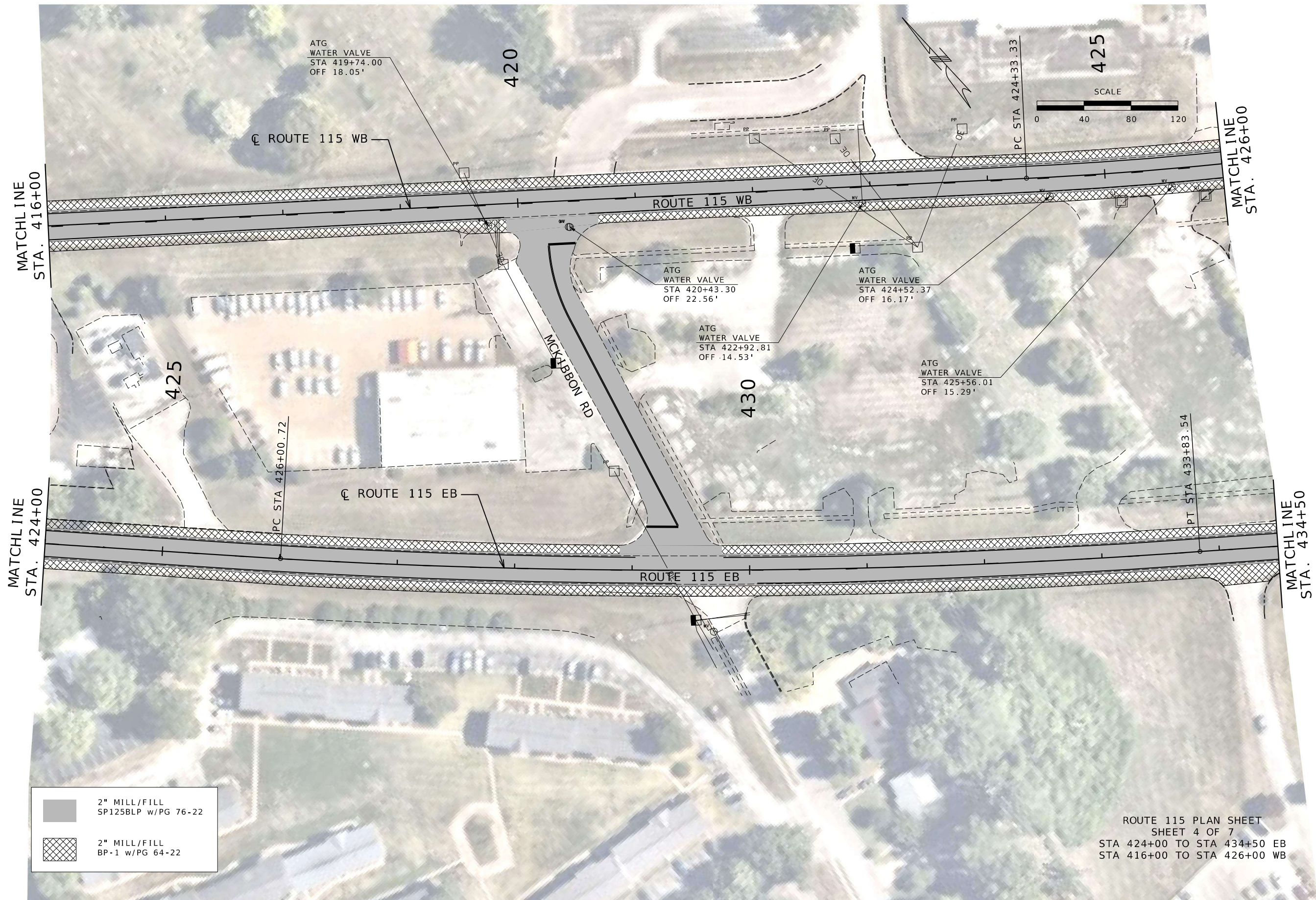


105 WEST CAPITAL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

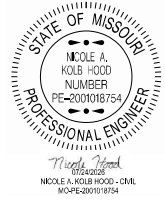


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ENGINEERING





ROUTE 115 PLAN SHEET
SHEET 4 OF 7
STA 424+00 TO STA 434+50 EB
STA 416+00 TO STA 426+00 WB



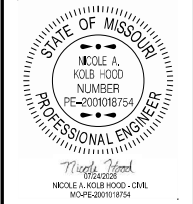
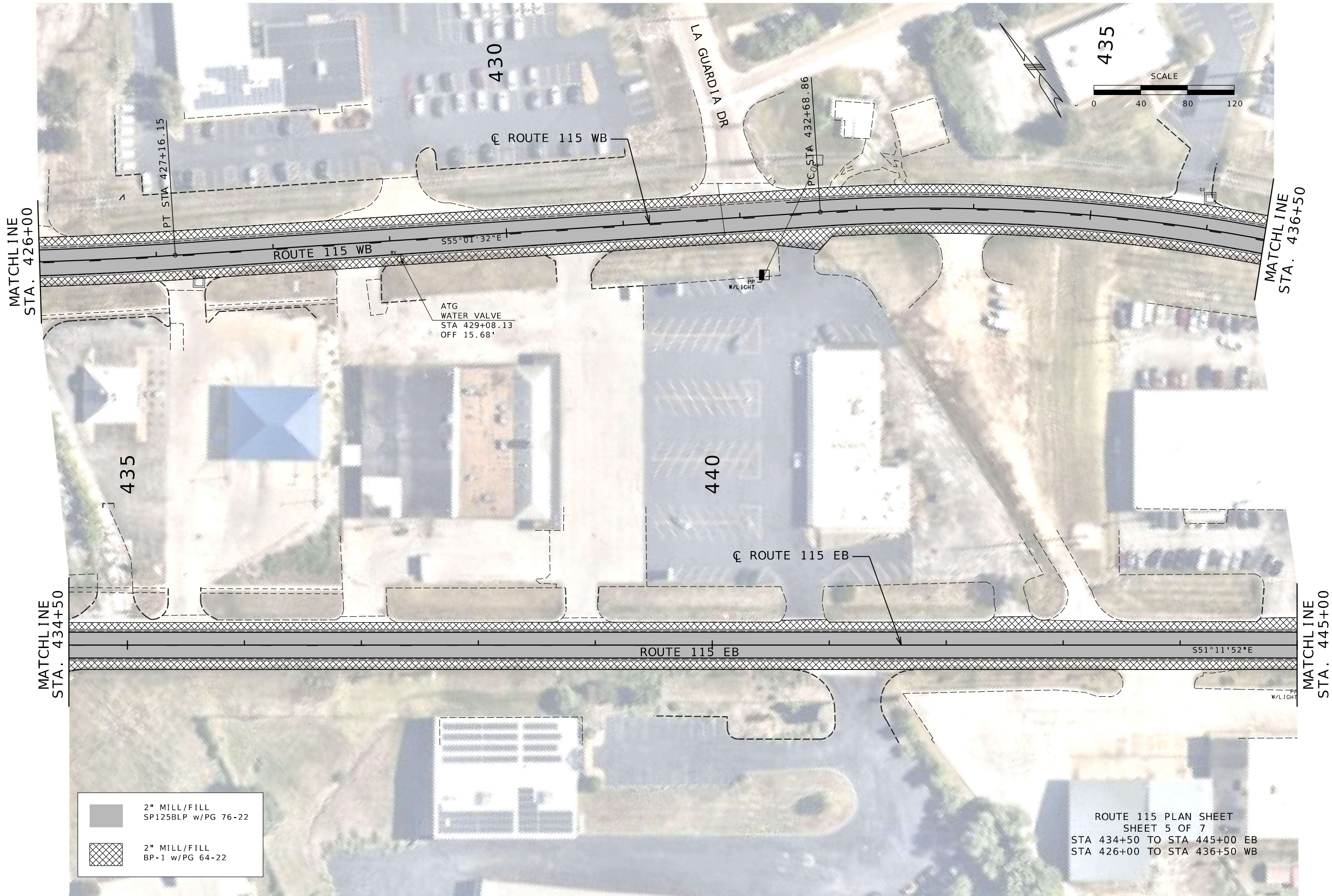
DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 7
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
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DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 8
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

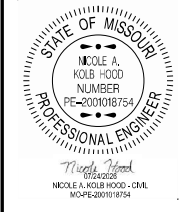
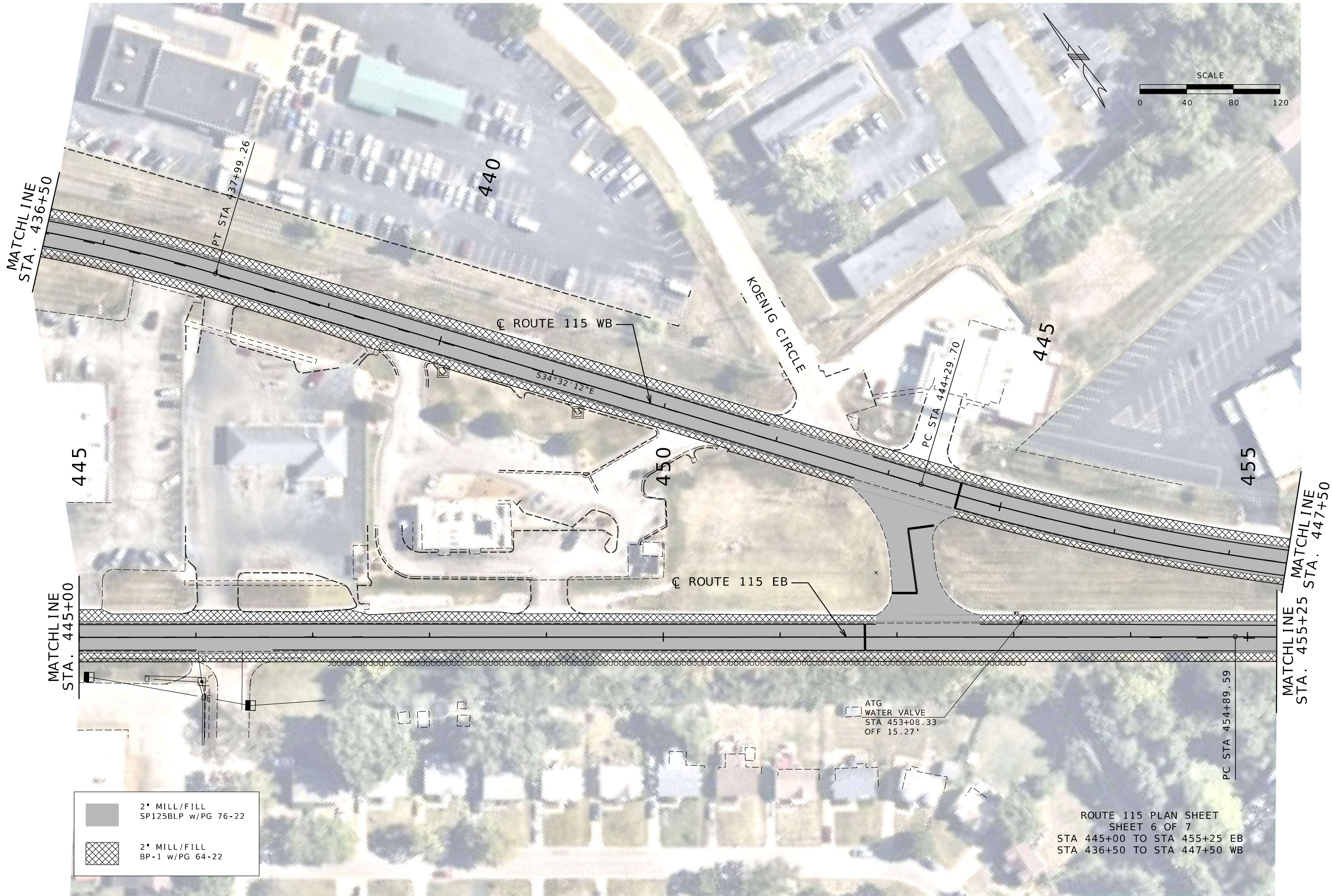


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

ROUTE 115 PLAN SHEET
SHEET 5 OF 7
STA 434+50 TO STA 445+00 EB
STA 426+00 TO STA 436+50 WB



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 9
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

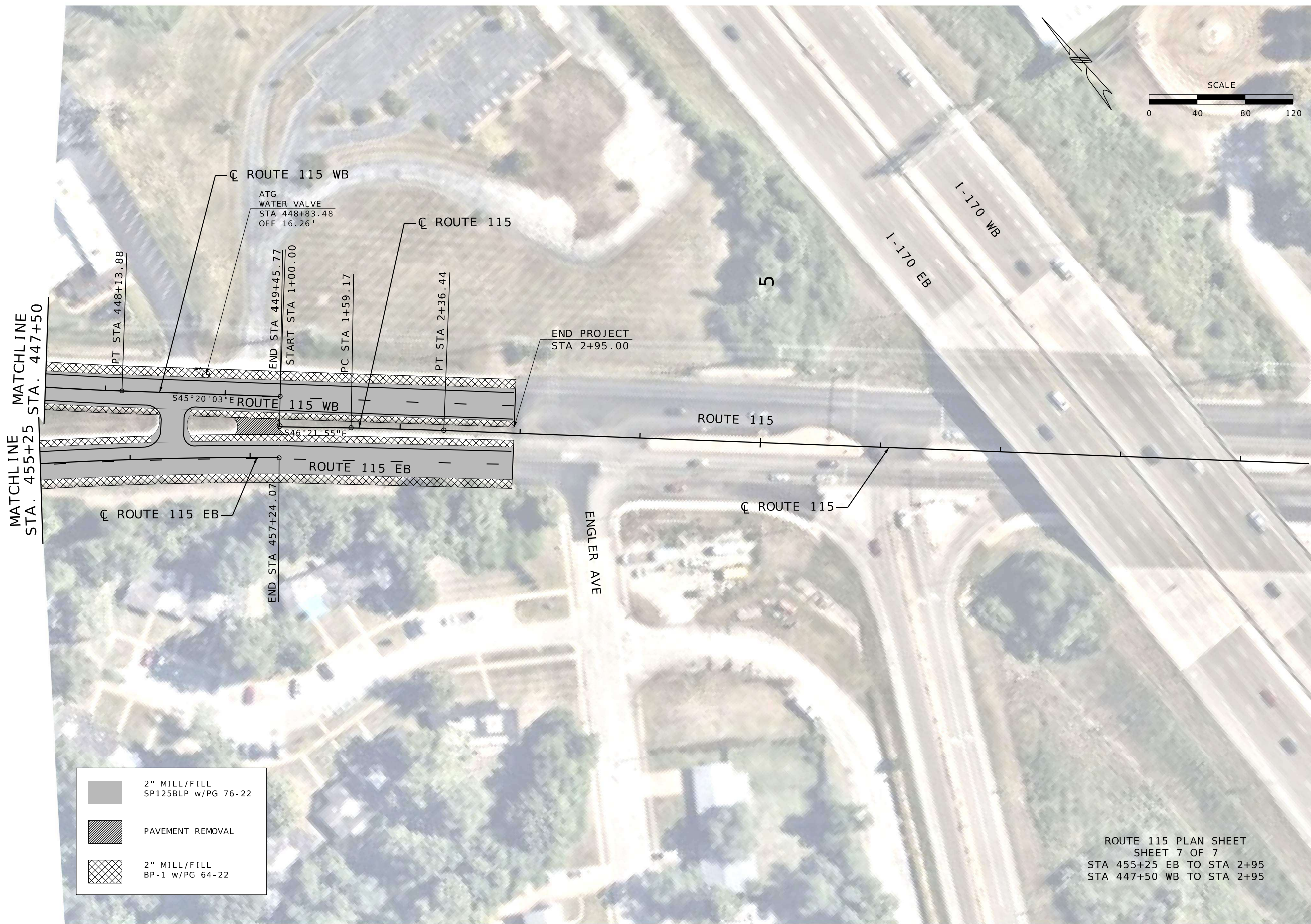
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



DATE PREPARED
7/22/2026

ROUTE 115 STATE MO

DISTRICT SL SHEET NO. 10

COUNTY ST. LOUIS

JOB NO. JSL0172

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)

GFT Infrastructure, Inc.
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KANSAS CITY, MO 64108
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

ROUTE 115 PLAN SHEET
SHEET 7 OF 7
STA 455+25 EB TO STA 2+95
STA 447+50 WB TO STA 2+95

STANDARD CONSTRUCTION 2023 VERSION:

STRUCTURE LOCATIONS ARE APPROXIMATE
FROM MSD BASE MAPS.

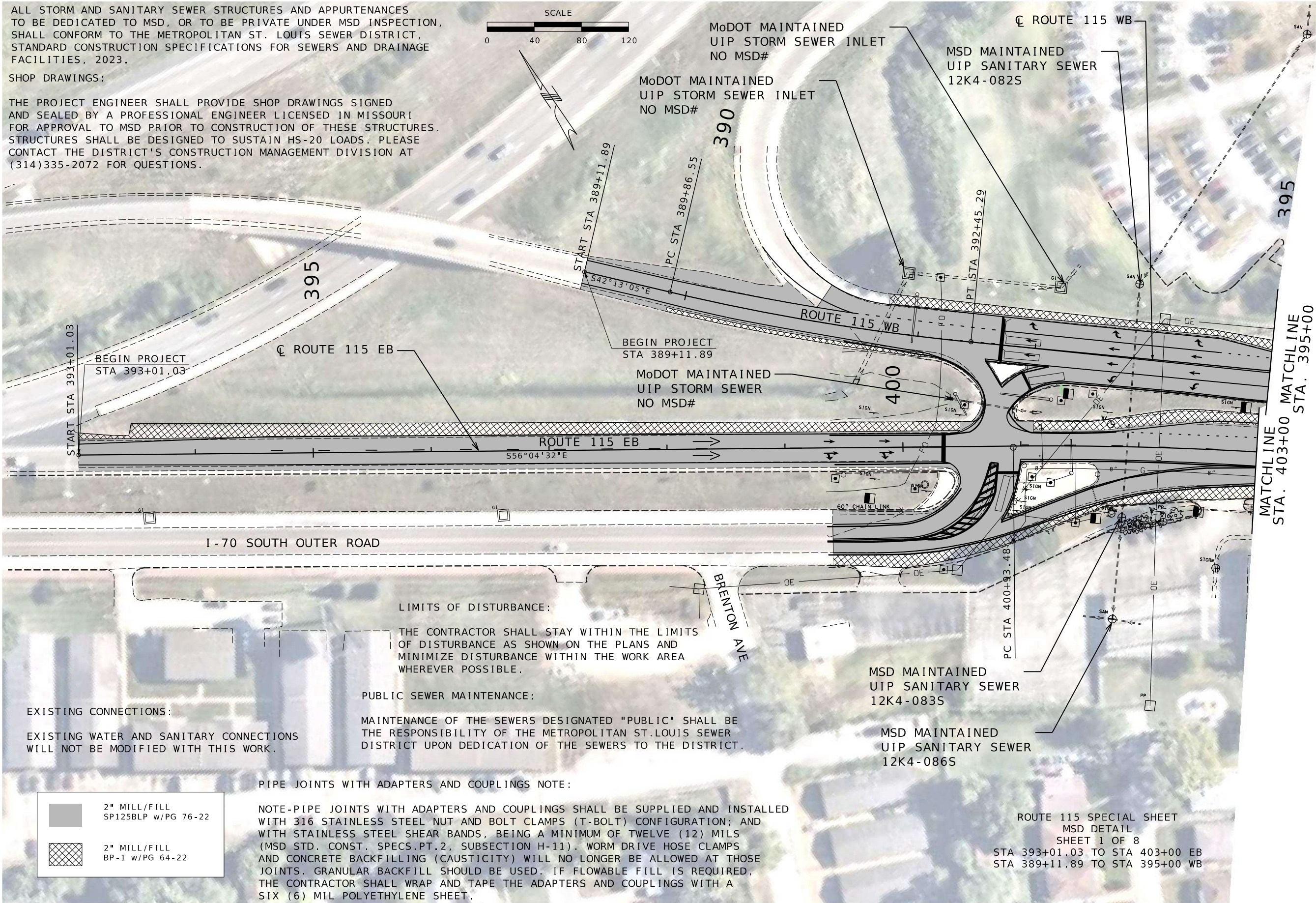
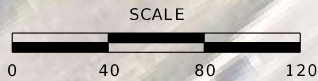
NO SURVEY IS PROVIDED FOR THIS PROJECT.
CONTRACTOR TO VERIFY IN FIELD.

MSD PERMIT #26MSD-00264

ALL STORM AND SANITARY SEWER STRUCTURES AND APPURTENANCES
TO BE DEDICATED TO MSD, OR TO BE PRIVATE UNDER MSD INSPECTION,
SHALL CONFORM TO THE METROPOLITAN ST. LOUIS SEWER DISTRICT,
STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWERS AND DRAINAGE
FACILITIES, 2023.

SHOP DRAWINGS:

THE PROJECT ENGINEER SHALL PROVIDE SHOP DRAWINGS SIGNED
AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN MISSOURI
FOR APPROVAL TO MSD PRIOR TO CONSTRUCTION OF THESE STRUCTURES.
STRUCTURES SHALL BE DESIGNED TO SUSTAIN HS-20 LOADS. PLEASE
CONTACT THE DISTRICT'S CONSTRUCTION MANAGEMENT DIVISION AT
(314)335-2072 FOR QUESTIONS.



STATE OF MISSOURI

NICOLE A. KOLES

PROFESSIONAL ENGINEER

PE-2001018754

MO-PE-2001018754

DATE PREPARED

9/15/2026

ROUTE

115

STATE

MO

DISTRICT

SL

SHEET NO.

11

COUNTY

ST. LOUIS

JOB NO.

JSL0172

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)

GFT Infrastructure, Inc.

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KANSAS CITY, MO 64108
PHONE: (816)329-8600
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GFT

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

pw://transystems-pw.bentley.com:transyscorp-pw1-hosted/Documents/Projects_2025/KC101/101250058/Road/Plan/011_SS_JSL0172_140 RTE115_001.dgn 1:50:08 PM 9/15/2026

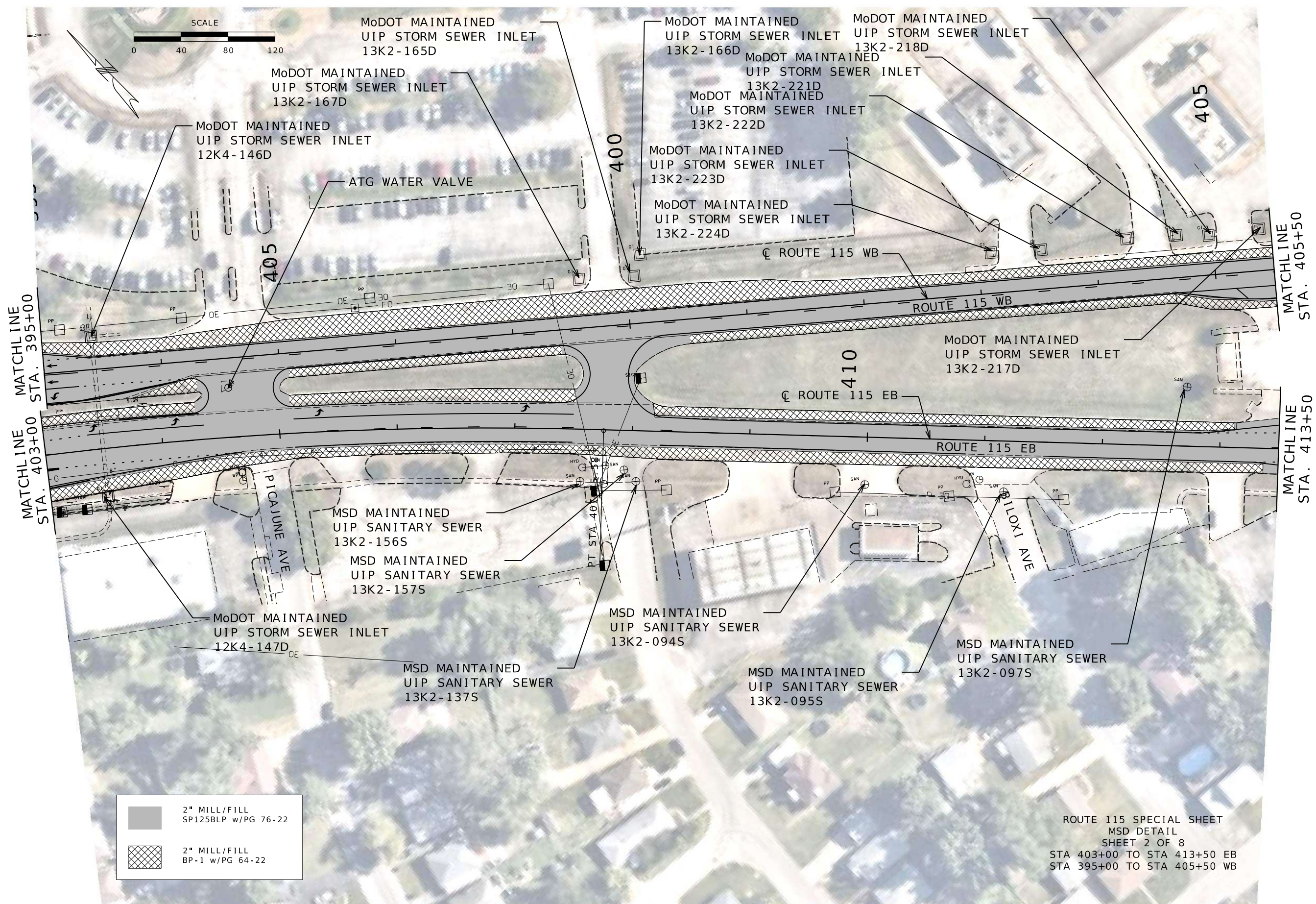
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COMMISSION

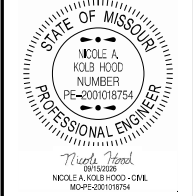
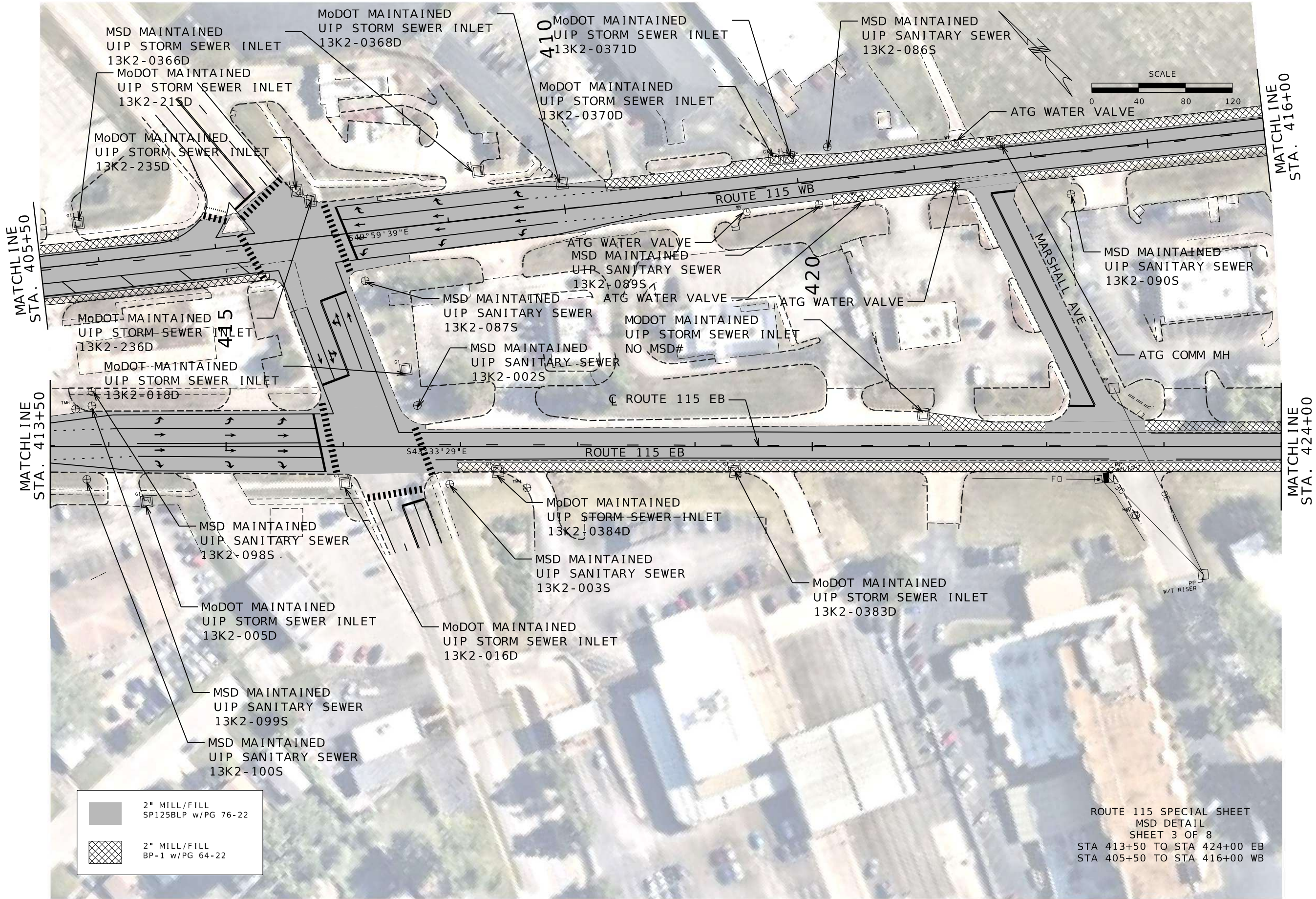
AUTHORITY # 001136

4/5

STATE CERTIFICATE OF A
GINEERING

REV.





DATE PREPARED 9/15/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 13
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

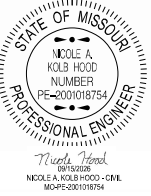
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)329-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

ROUTE 115 SPECIAL SHEET
MSD DETAIL
SHEET 3 OF 8
STA 413+50 TO STA 424+00 EB
STA 405+50 TO STA 416+00 WB



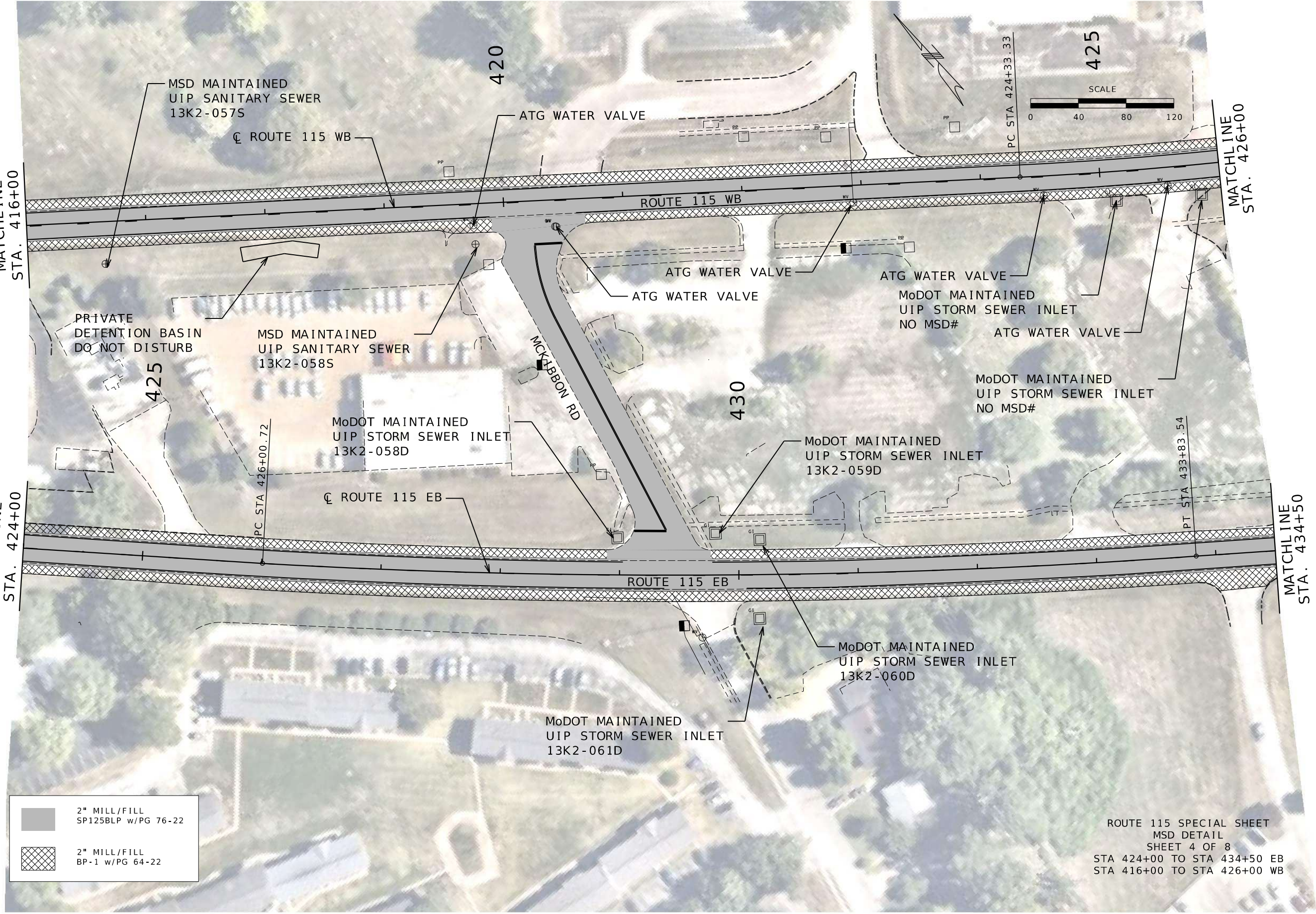
DATE PREPARED		9/15/2026	
ROUTE	STATE	115	MO
DISTRICT	SHEET NO.	SL	14
COUNTY			
ST. LOUIS			
JOB NO.			
JSL0172			
CONTRACT ID.			
PROJECT NO.			
BRIDGE NO.			

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

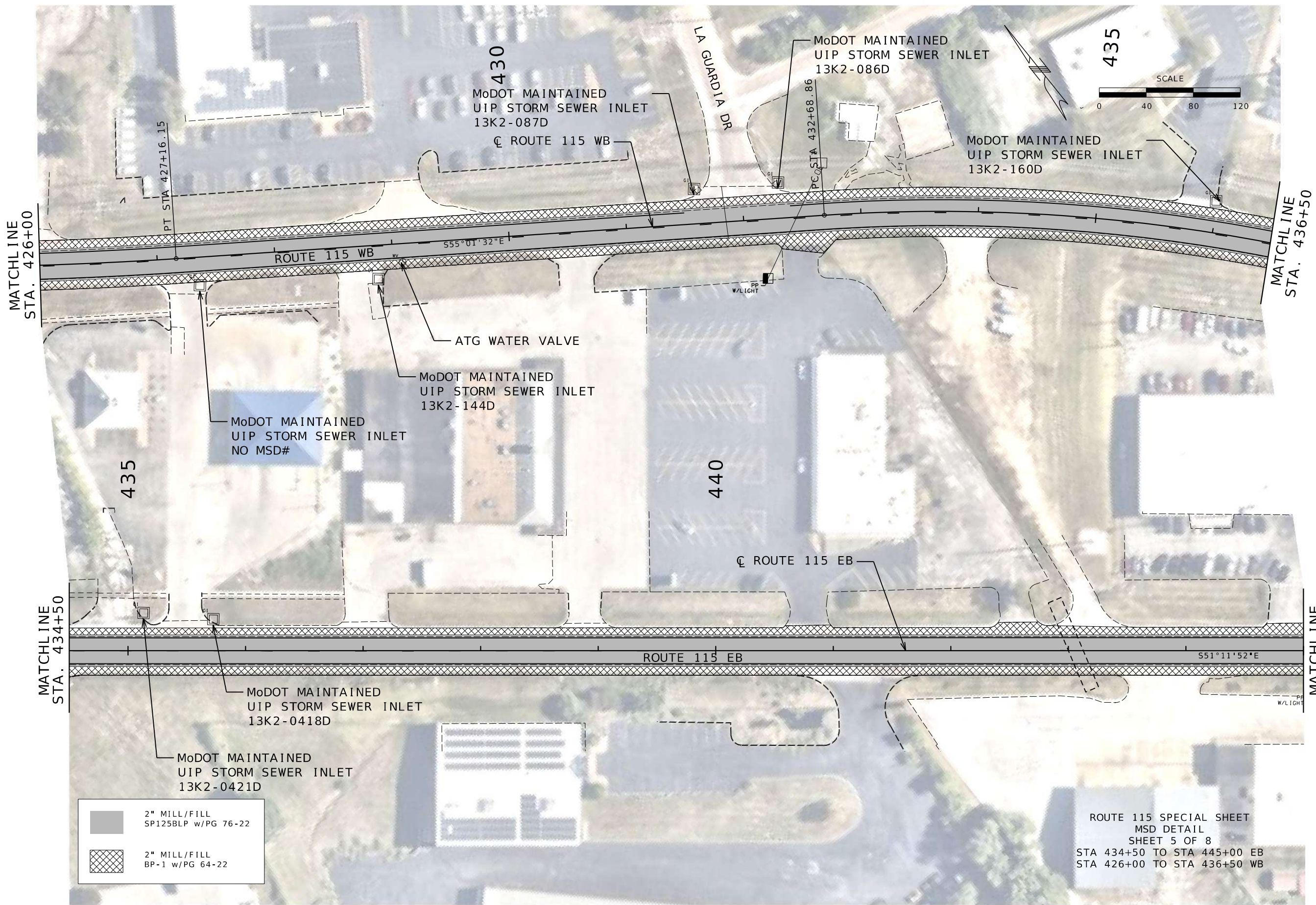
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
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PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136



	2" MILL/FILL SP125BLP w/PG 76-22
	2" MILL/FILL BP-1 w/PG 64-22

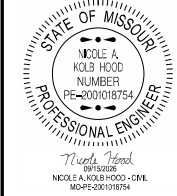
ROUTE 115 SPECIAL SHEET
MSD DETAIL
SHEET 4 OF 8
STA 424+00 TO STA 434+50 EB
STA 416+00 TO STA 426+00 WB



2" MILL/FILL
SP125BLP w/PG 76-22

2" MILL/FILL
BP-1 w/PG 64-22

ROUTE 115 SPECIAL SHEET
MSD DETAIL
SHEET 5 OF 8
STA 434+50 TO STA 445+00 EB
STA 426+00 TO STA 436+50 WB



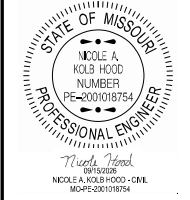
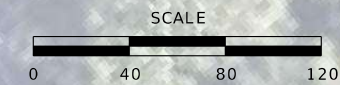
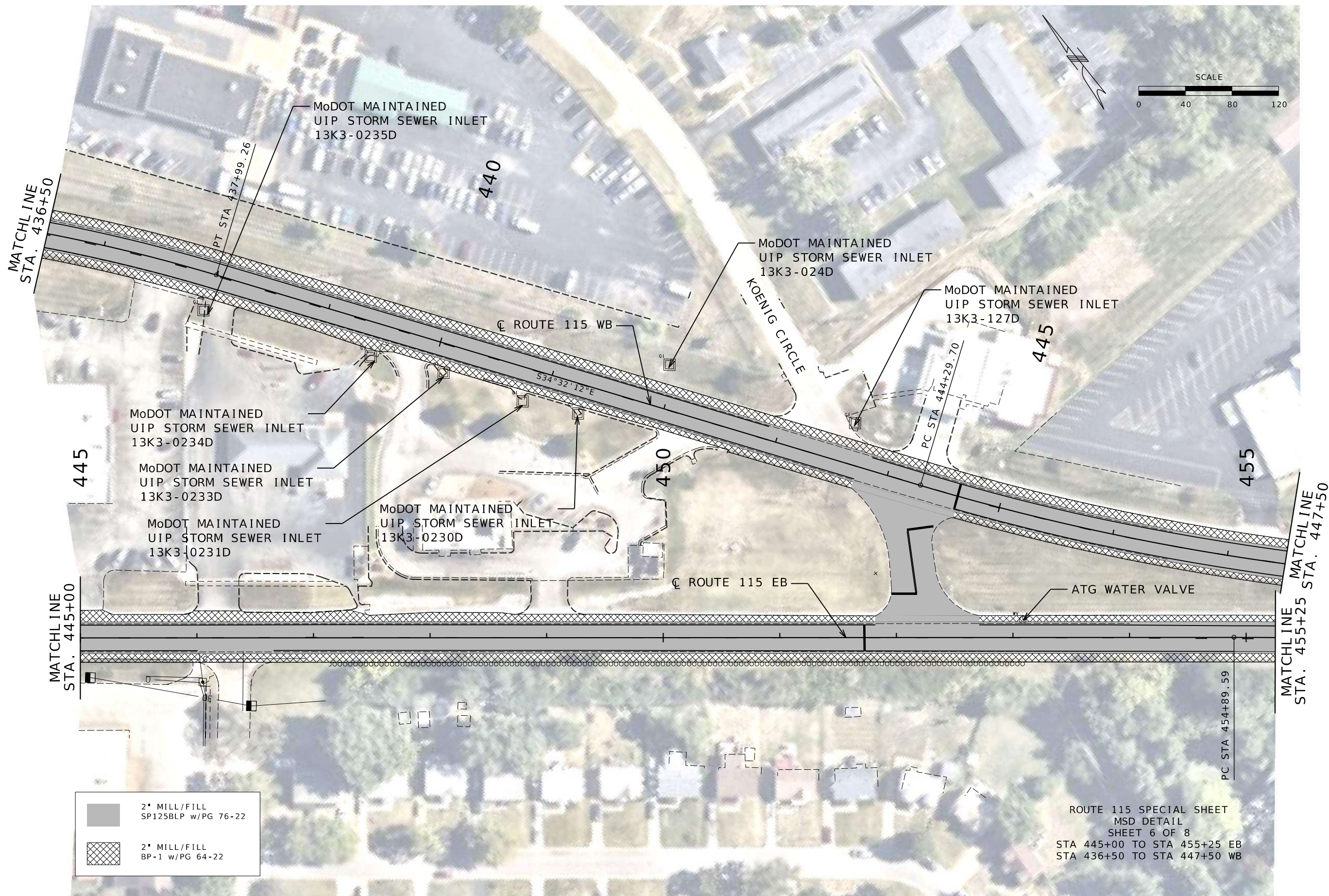
DATE PREPARED 9/15/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 15
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
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ENGINEERING



DATE PREPARED		9/15/2026
ROUTE	STATE	115 MO
DISTRICT	SHEET NO.	SL 16
COUNTY		ST. LOUIS
JOB NO.		JSL0172
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)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
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KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)329-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

ROUTE 115 SPECIAL SHEET
MSD DETAIL
SHEET 6 OF 8
STA 445+00 TO STA 455+25 EB
STA 436+50 TO STA 447+50 WB



DATE PREPARED 9/15/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 17
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

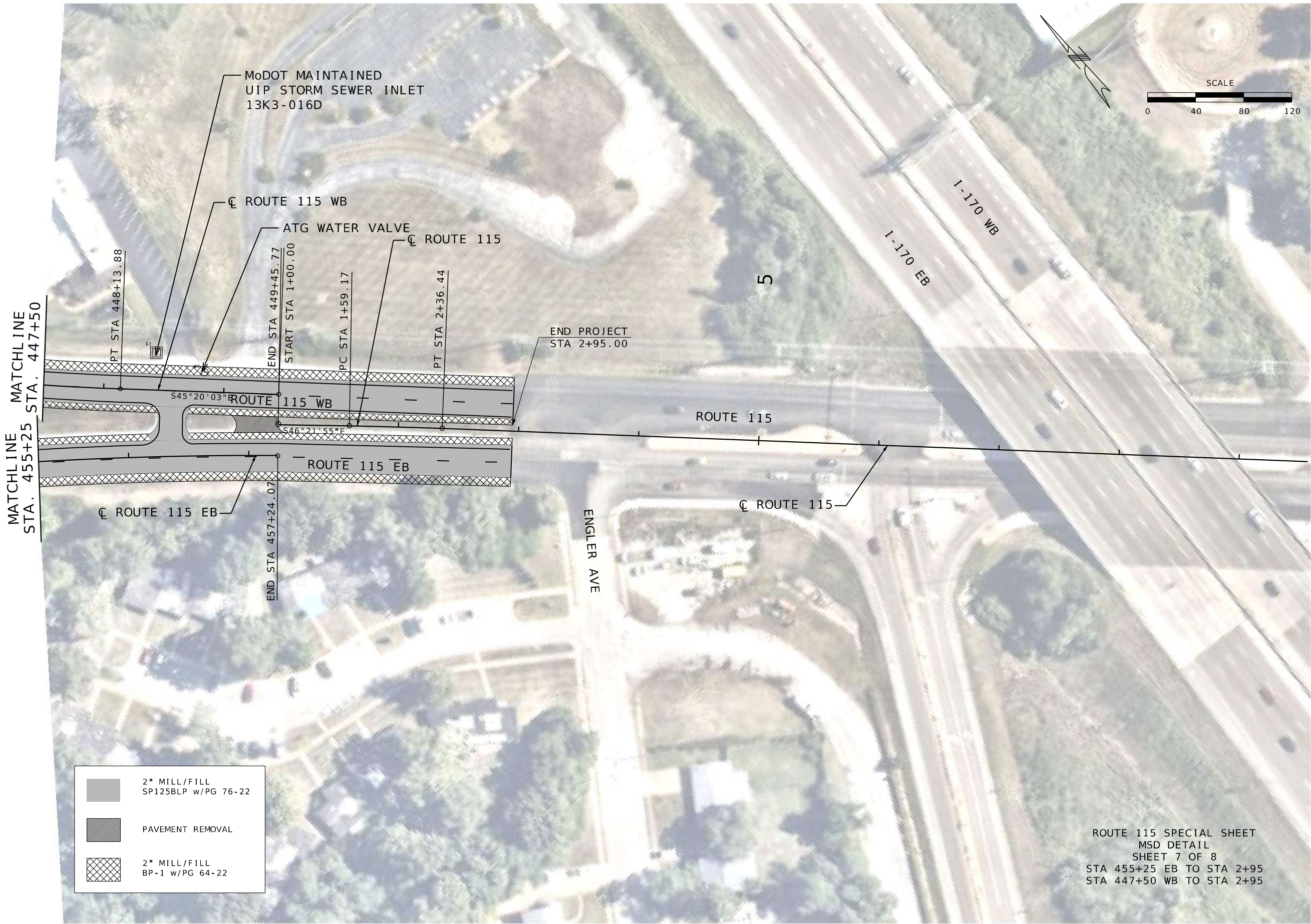
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



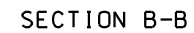
GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



ROUTE 115 SPECIAL SHEET
MSD DETAIL
SHEET 7 OF 8
STA 455+25 EB TO STA 2+95
STA 447+50 WB TO STA 2+95



SECTION B-B



#6 BAR

R= 3"

R= 3"

A MINUS 11"

FOR MANHOLE APRON

BENDING DIAGRAM FOR B-BARS



NOTE: INSTALL 'C' BARS VERTICALLY INTO MANHOLE APRON CONCRETE. PROVIDE MIN. 1.5" CLEARANCE FROM TOP OF PAVEMENT & BOTTOM OF APRON. LENGTH OF 'C' BARS FOR 'F' DIMENSION SHALL BE 6". BAR LENGTH MAY VARY. 'C' BARS SHALL BE TIED TO 'A' REINFORCEMENT. 'B' BARS SHALL BE TIED TO 'A' REINFORCEMENT. 'A' BAR REINFORCEMENT SHALL HAVE 1.5" CLEARANCE TO EDGE OF APRON.

- GENERAL NOTES:

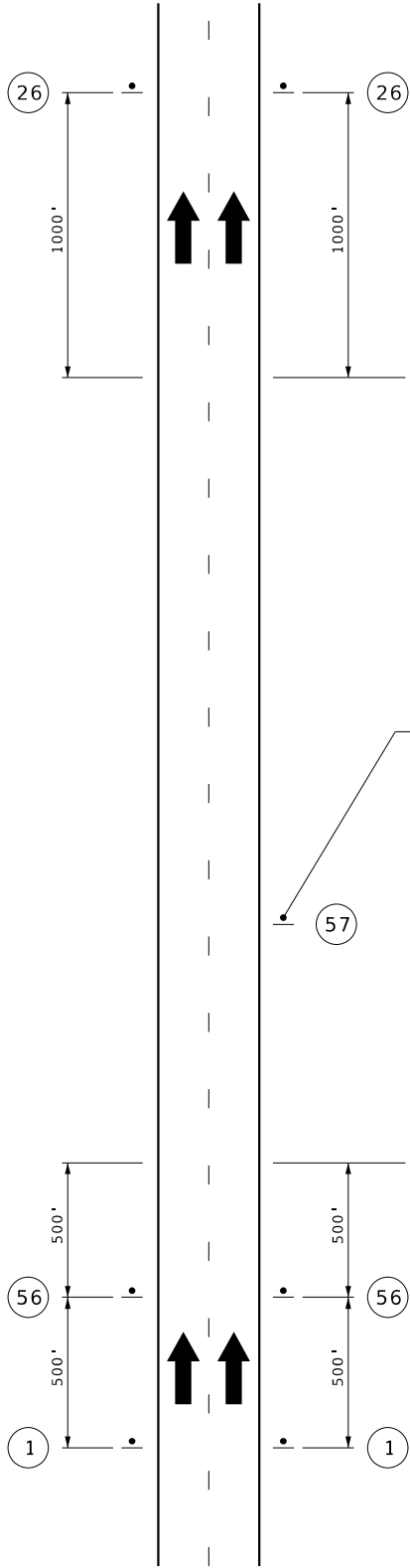
1. IF MANHOLE STRUCTURE DOES NOT HAVE FRAME & COVER BUT INSTEAD THE ENTIRE STRUCTURE REACHES THE TOP OF ROADWAY, THEN THIS SHEET SHALL NOT BE USED.
2. THIS SHEET SHALL TYPICALLY BE USED WHERE THE MANHOLE FRAME & COVER NEED TO BE RAISED TO GRADE, BUT CAN BE USED FOR NEW STRUCTURES AS WELL, PARTICULARLY FOR STRUCTURES INSTALLED WITHIN ASPHALT PAVEMENT.
3. THE CONTRACTOR SHALL USE 2 LAYERS OF 'A' & 'B' BAR REINFORCEMENT AS LONG AS 'F' THICKNESS NOTED ABOVE IS GREATER
4. PAYMENT FOR REINFORCED CONCRETE MANHOLE APRON SHALL BE MADE PER EACH AND SHALL INCLUDE ALL NECESSARY REINFORCEMENT AND SAW CUTS OF EXISTING OR PROPOSED PAVEMENT.
5. MIN. DIMENSIONS OF 'A' AND 'B' IS THE FOLLOWING: 18" WALL + MANHOLE (INCLUDING WALL THICKNESS) + 18".
6. CONTRACTOR SHALL PROVIDE EITHER A SQUARE OR RECTANGLE SHAPED FULL DEPTH SAWCUT AROUND THE CONCRETE MANHOLE APRON AFTER CONSTRUCTION.
THE CONTRACTOR SHALL NOT DO A CIRCULAR SAWCUT AROUND THE REINFORCED CONCRETE MANHOLE APRON.
7. CONCRETE USED FOR MANHOLE APRON SHALL BE THE SAME AS THAT USED FOR FULL DEPTH PAVEMENT REPAIRS. PLEASE SEE SECTION 613.10 OF THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS. CONTRACTOR MAY BE ALLOWED TO USE HIGH EARLY STRENGTH CONCRETE, WITH APPROVAL FROM THE ENGINEER.
8. THE CONTRACTOR SHALL RAISE THE MANHOLE FRAME & COVER USING CONCRETE RINGS AND APPROVED MECHANICAL ADJUSTMENT DEVICES TO FINISH GRADE MATCHING PROFILE AND CROSS SLOPE.
9. REINFORCING BARS IN PAVEMENT SHALL BE EPOXY COATED AND SECURELY TIED TOGETHER AND FASTENED TO AVOID ANY POSSIBLE DISPLACEMENT DURING THE PLACING OF CONCRETE.
10. NO DIRECT PAYMENT WILL BE MADE FOR PROVIDING, CUTTING OR BENDING REINFORCING STEEL.
11. THE CONTRACTOR SHALL SEAL JOINTS FORMED BETWEEN THE INTERFACE OF THE NEW APRON AND THE ASPHALT PAVEMENT ALONG WITH JOINTS CREATED BY THE OVERCUT OF SAWING FOR THE REMOVAL OF PAVEMENT. SEE THE JSP FOR ADDITIONAL INFORMATION.



**SPECIAL SHEET
CONCRETE MANHOLE APRON
FOR ASPHALT PAVING
SHEET 8 OF 8**



NOT TO SCALE



END OF PROJECT LIMITS; END OF WORK ZONE TERMINATION AREA, IF LOCATED BEYOND END OF PROJECT; OR LAST WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.

THE "POINT OF PRESENCE" SIGN (CONST-5) IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITION. 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 RIGHT 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.

SIGN CONST-5 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 G020-1.

BEGINNING OF PROJECT LIMITS; OR INITIAL WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.

ROAD WORK
NEXT MILES

G020-1

1

END
ROAD WORK

G020-2

26

WORK ZONE
NO PHONE
ZONE

CONST-8

59

Road
Improvements

CONST-5

57

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)



DATE PREPARED
7/22/2026
ROUTE 115 STATE MO
DISTRICT SL SHEET NO. 19
COUNTY ST. LOUIS
JOB NO. JSL0172
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

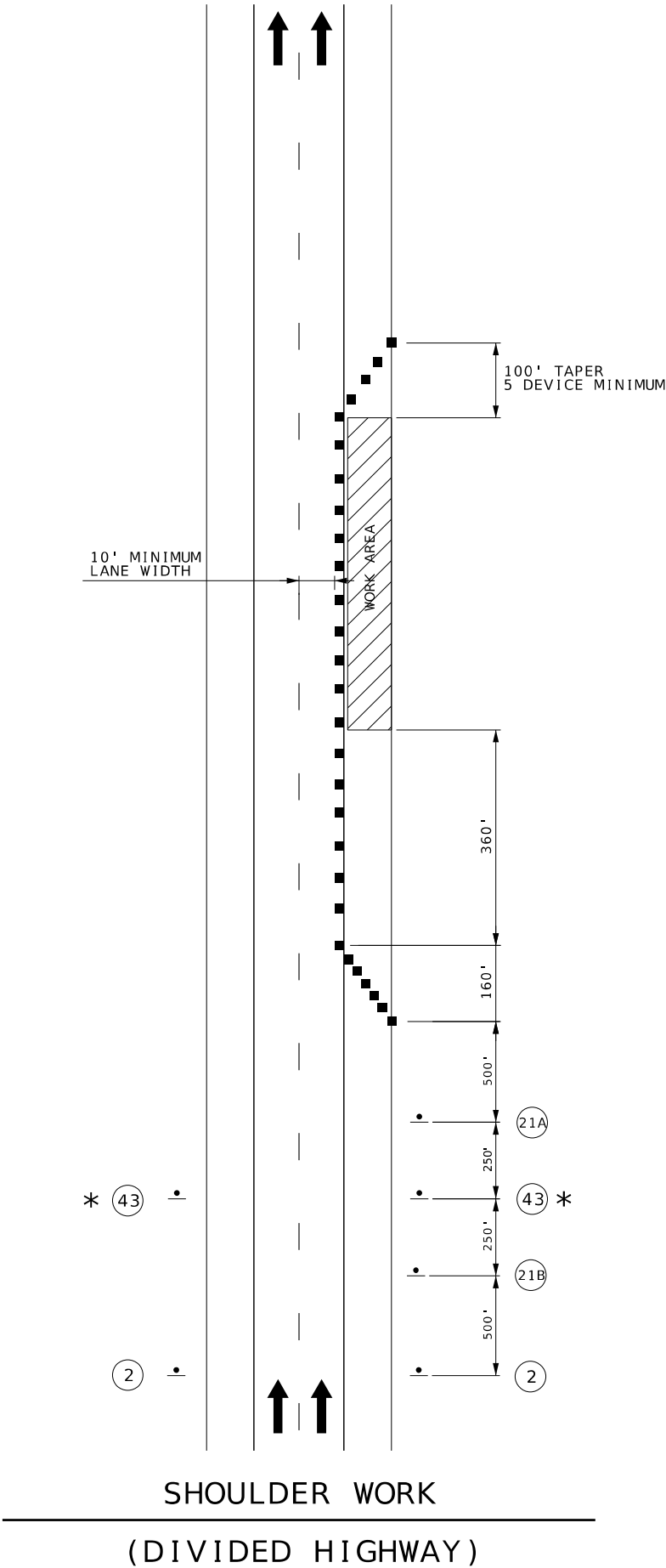
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



BEGIN/END OF PROJECT SIGNING
DIVIDED HIGHWAY

TEMPORARY TRAFFIC CONTROL
TA-BEGIN/END PROJECT
SHEET 1 OF 9



WO20 - 1
2



WO21 - 5bR
21B



WO21 - 5aR
21A



WO5 - 1



WO7 - 3a

(PLAQUE NOT USED IF LESS THAN ONE MILE.)

43 * OMIT SIGN 43 FOR NO TRAVELWAY ENCROACHMENT.

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER

NOT TO SCALE



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 20
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

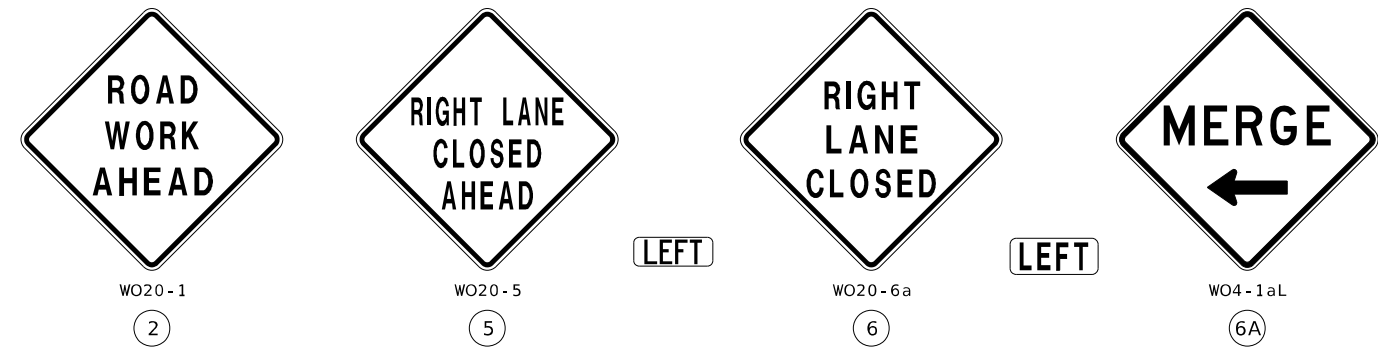
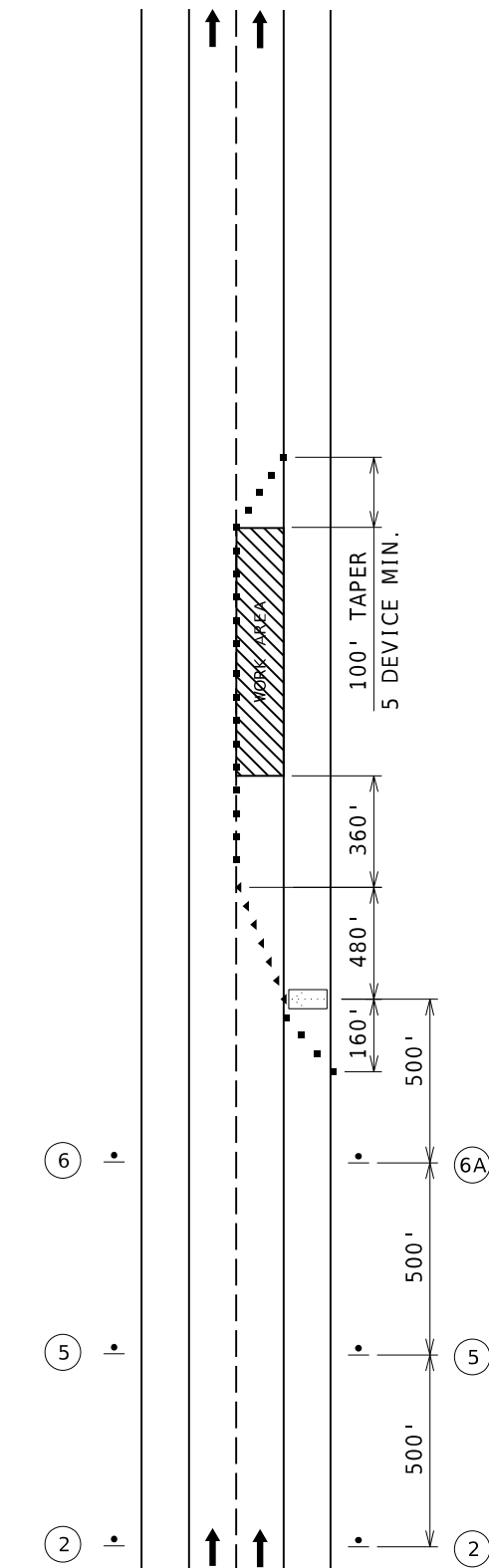
GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

SHOULDER WORK
(DIVIDED HIGHWAY)

TEMPORARY TRAFFIC CONTROL

SHEET 2 OF 9



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▲ DIRECTIONAL INDICATOR BARRICADE

NOT TO SCALE



DATE PREPARED

7/22/2026

ROUTE	STATE
115	MO

115	MO
-----	----

DISTRICT	SHEET NO.
31	31

SL	21
----	----

COUNTY

ST. LOUIS

JOB NO.

JSL0172

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

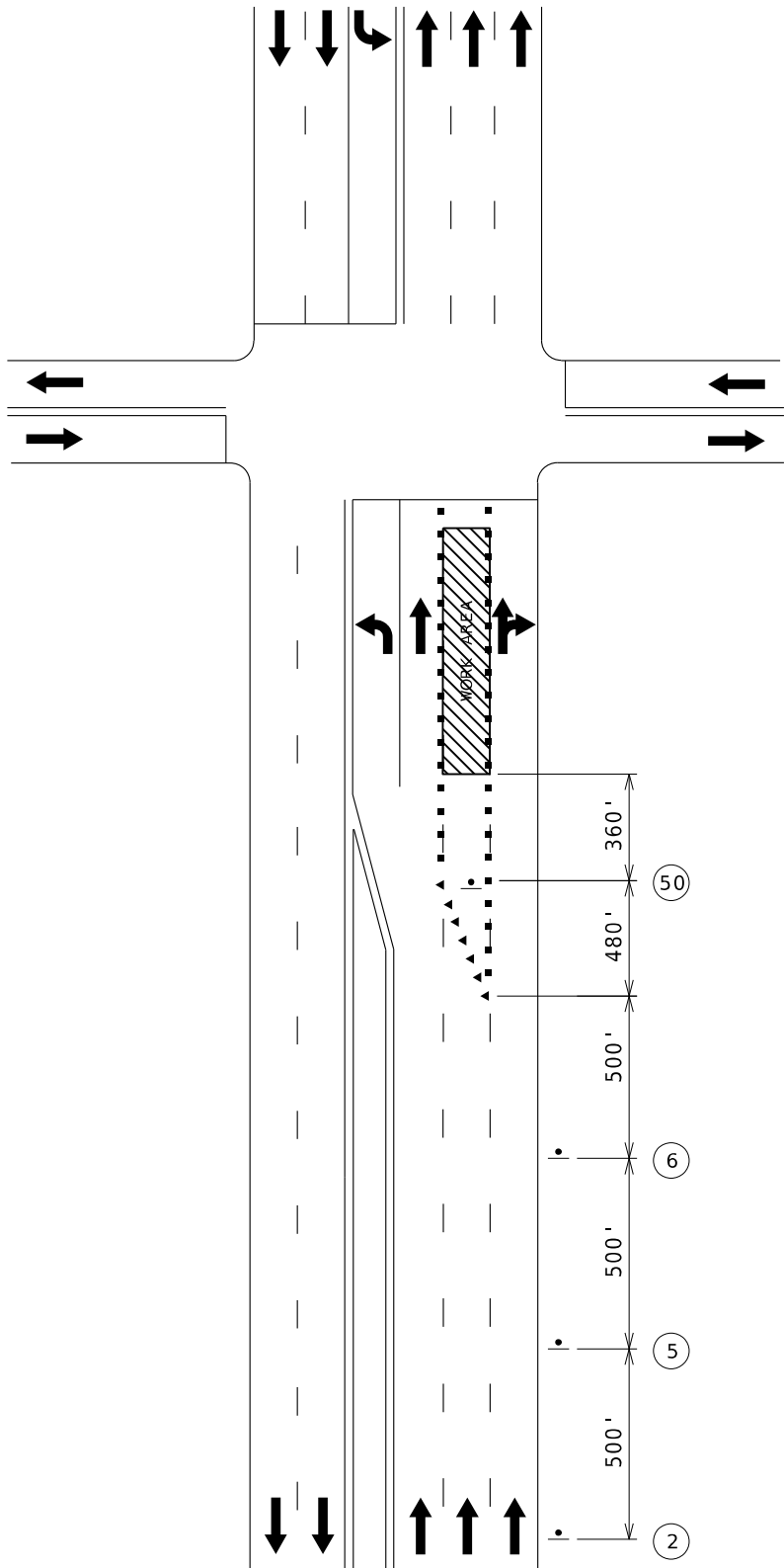
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
AUTHORITY # 001136

GFT

REV.

NOT TO SCALE



LANE CLOSURE ON
NEAR SIDE OF INTERSECTION



WO20-1
2



WO20-5
5

CENTER
OR
LEFT



WO20-6a
6

CENTER
OR
LEFT



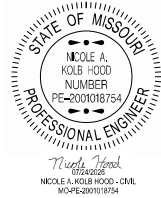
WO12-1
50

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▲ DIRECTIONAL INDICATOR BARRICADE

TEMPORARY TRAFFIC CONTROL

SHEET 4 OF 9



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 22
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

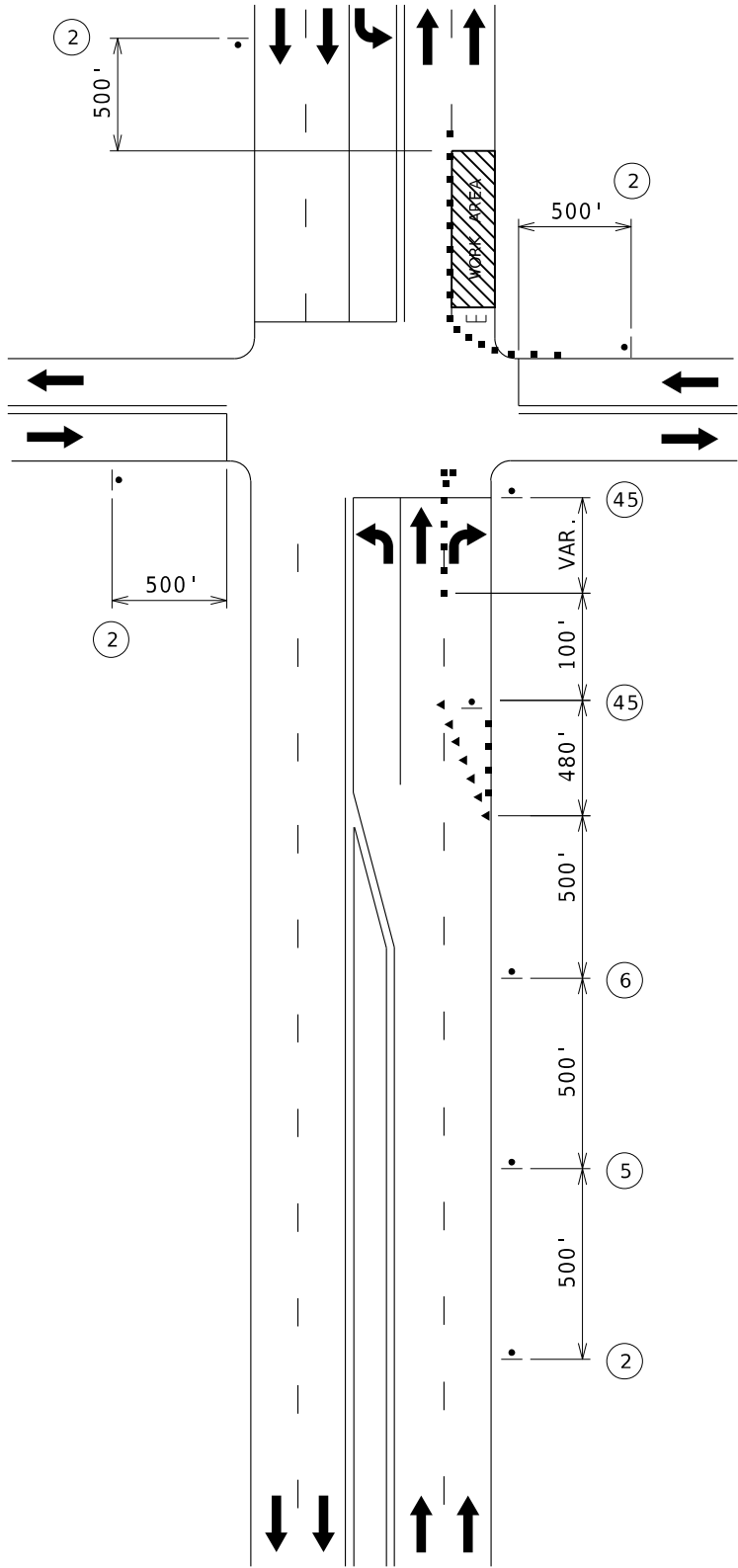
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

GFT Infrastructure, Inc.
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SUITE 400
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PHONE: (816)329-8600
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

NOT TO SCALE



RIGHT LANE CLOSURE ON
FAR SIDE OF INTERSECTION



WO20-1
2



WO20-5
5

CENTER
OR
LEFT



WO20-6a
6

CENTER
OR
LEFT



R3-7R
45

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▲ DIRECTIONAL INDICATOR BARRICADE
- E BARRICADE

TEMPORARY TRAFFIC CONTROL

SHEET 5 OF 9



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 23
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

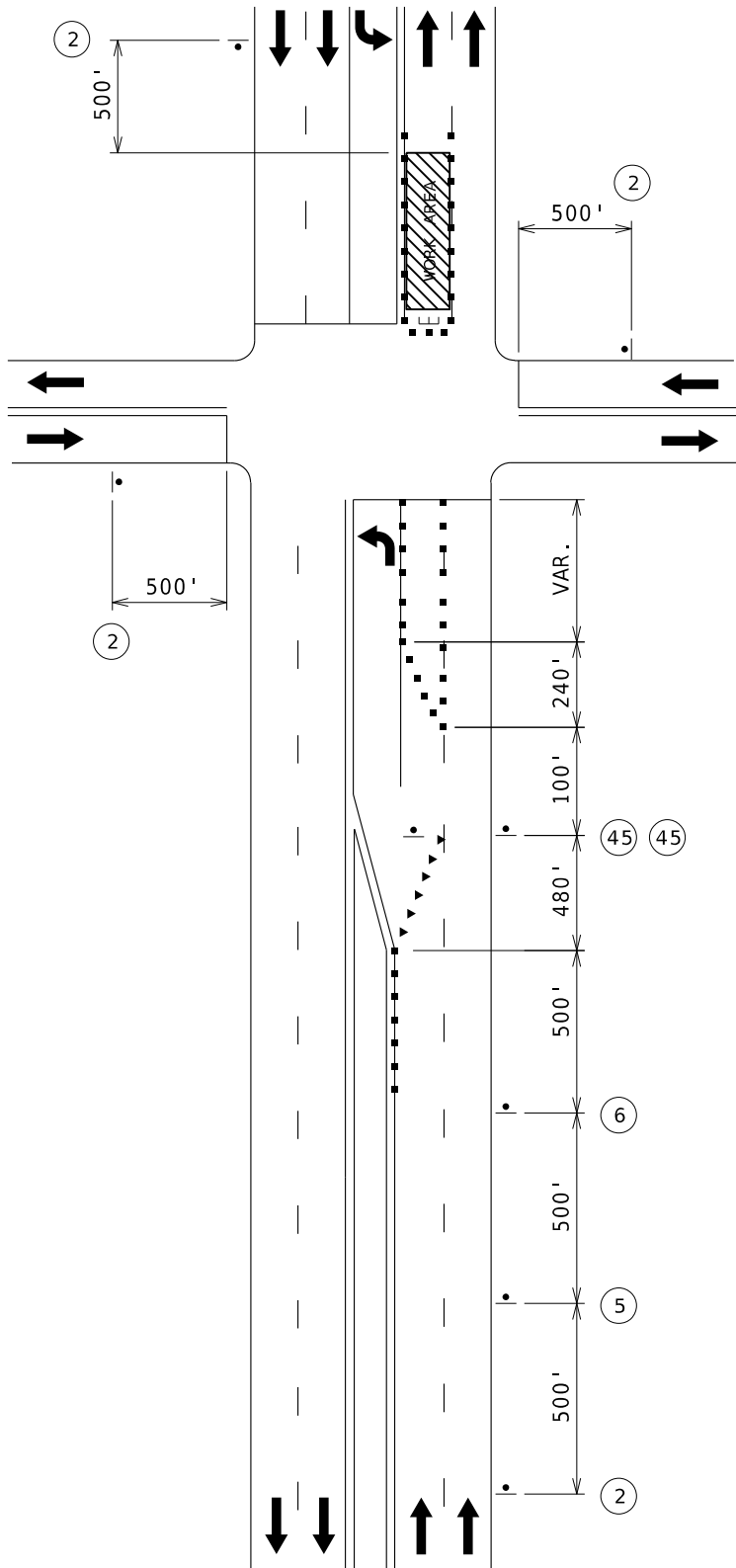
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

GFT Infrastructure, Inc.
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PHONE: (816)329-8600
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

NOT TO SCALE



LEFT LANE CLOSURE ON
FAR SIDE OF INTERSECTION



WO20-1

2



WO20-5

5

CENTER
OR
LEFT



WO20-6a

6

CENTER
OR
LEFT



R3-7L

45

TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ▲ DIRECTIONAL INDICATOR BARRICADE
- E BARRICADE

TEMPORARY TRAFFIC CONTROL

SHEET 6 OF 9



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 24
COUNTY ST. LOUIS	
JOB NO. JSL0172	
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)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

STATE OF MISSOURI
NICOLE A. KOLB HOOD
NUMBER
PE-2001018754
PROFESSIONAL ENGINEER

Nicole Hood
Inscribed
NICOLE A. KOLB HOOD - CIVIL
MO-PE-2001018754

DATE PREPARED	
7/22/2026	
ROUTE	STATE
115	MO
DISTRICT	SHEET NO.
SL	25
COUNTY	
ST. LOUIS	
JOB NO.	
JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

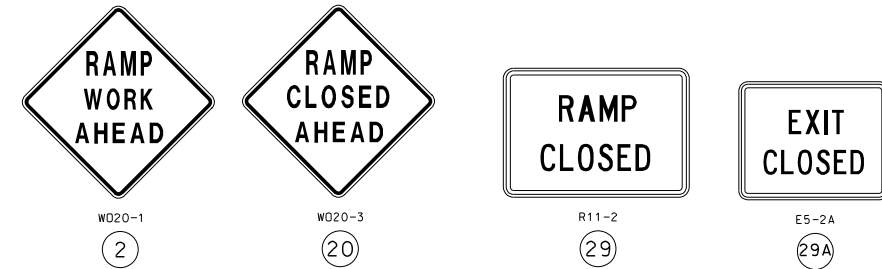
DESCRIPTION

DATE _____

MISSOURI HIGHWAYS AND TRANSPORTATION



GFT
GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816) 329-8600
FAX: (816) 328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



RAMP CLOSURES MAY OCCUR FOR ONE NIGHT ONLY.

[illegible]

SHEET 7 OF 9

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

BRIDGE NO.

[illegible]

5:53 PM 7/22/20

LONGITUDINAL BUFFER SPACE (B)	
SPEED MPH	BUFFER SPACE
0-35	250
40-45	360
50-55	495
60-70	730

TAPER LENGTHS AND SPACING OF CHANNELIZING DEVICES					
SPEED MPH	MINIMUM TAPER LENGTHS (L) FOR LANE WIDTHS (W)			MAXIMUM CHANNELIZER SPACING	
	10 FT	11 FT	12 FT	THROUGH TAPER	THROUGH WORK AREA
0-35	205	225	245	35	40
40-45	450	495	540	40	80
50-55	550	605	660	50	80
60-70	700	770	840	60	120

FOR SHOULDER TAPER USE L/3

S = POSTED SPEED IN MPH

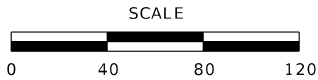
(2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET
FIELD CONDITIONS

 CHANGEABLE MESSAGE BOARD

SHEET 9 OF 9

GFT

DOM



405

593

400

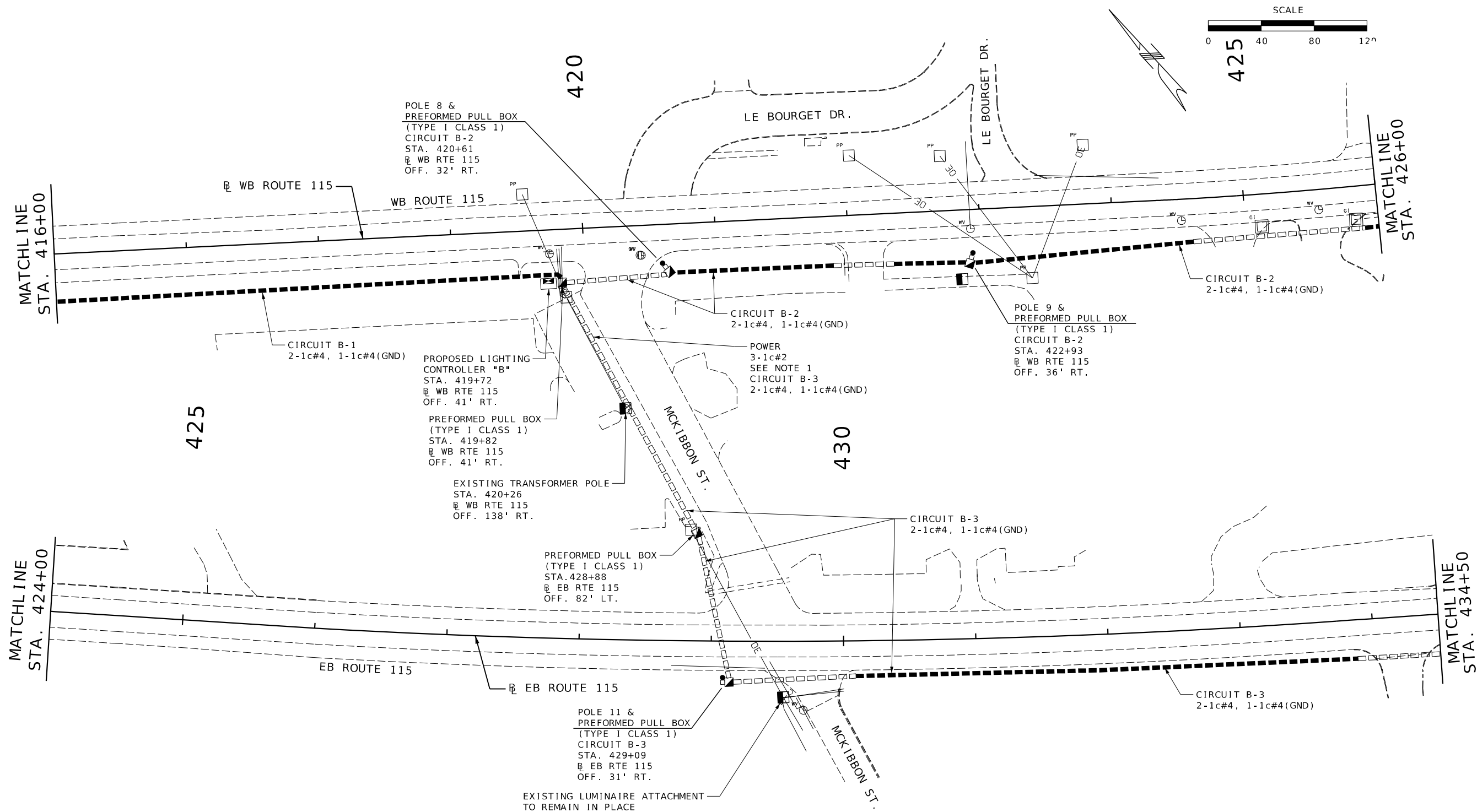
410

MATCHLINE
STA. 405+50

MATCHLINE
STA. 413+50

LIGHTING SHEET
SHEET 1 OF 5

STA 403+00 TO STA 413+50 EB
STA 395+00 TO STA 405+50 WB



NOTES:

1. INSTALL LIGHTING CONTROLLER AND PULL BOX ADJACENT TO EXISTING AMEREN WOOD POLE. INSTALL PVC CONDUIT RUN WITH 3-1c#2 CABLES BETWEEN THE LIGHTING CONTROLLER AND THE AMEREN POLE FOR FINAL AMEREN SERVICE CONNECTION VIA OVERHEAD AERIAL FEED TO THE EXISTING POLE MOUNTED TRANSFORMER APPX. 110 FEET SOUTH OF THE LIGHTING CONTROLLER. CONTACT CONSTRUCTIONHOTLINE@AMEREN.COM TO COORDINATE SERVICE CONNECTION AND FEES (COSTS ASSOCIATED WITH THE SERVICE CONNECTION ARE TO BE SUBSIDIARY TO OTHER LIGHTING BID ITEMS).

LIGHTING SHEET
SHEET 3 OF 5
STA 424+00 TO STA 434+50 EB
STA 416+00 TO STA 426+00 WB



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 30
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

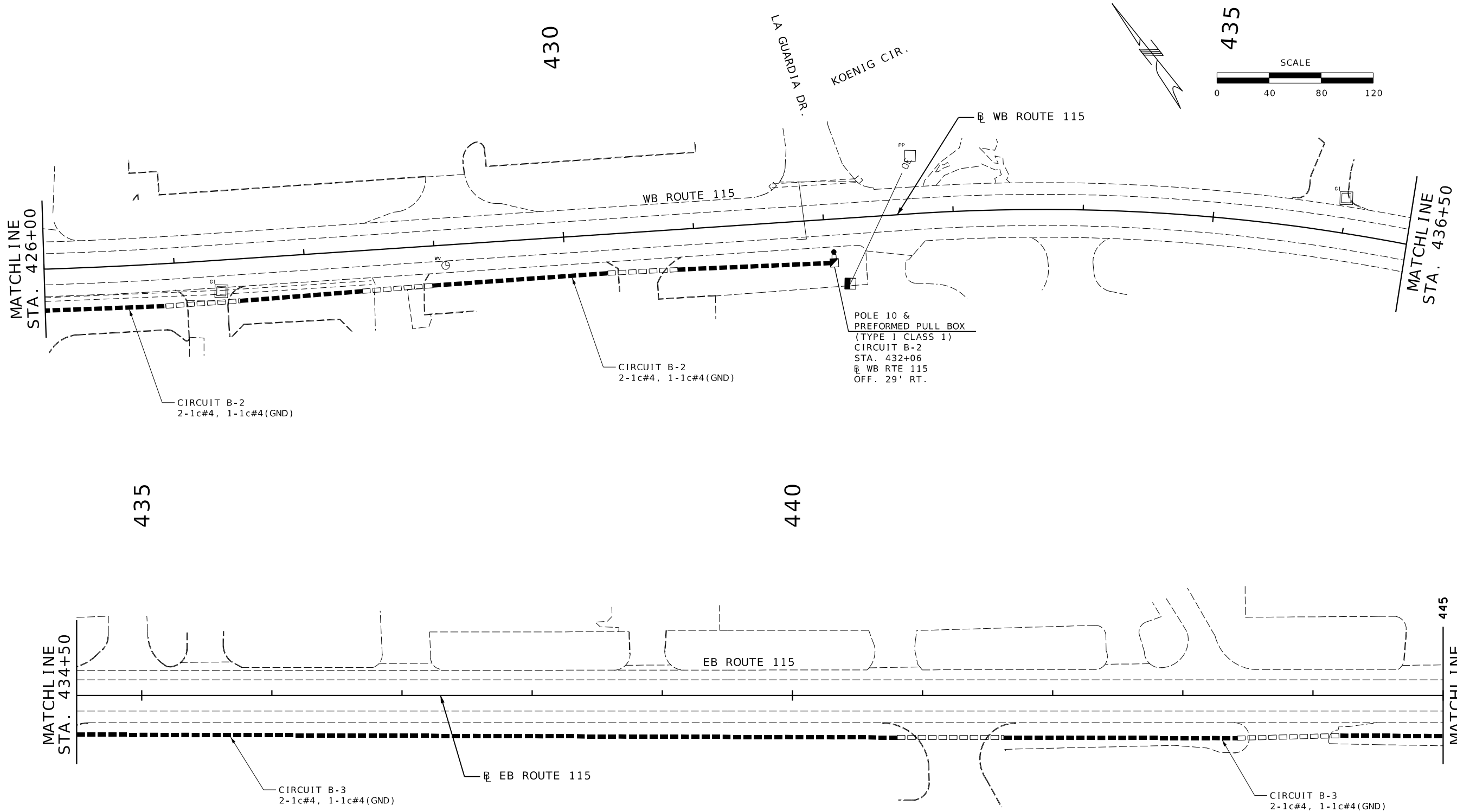
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

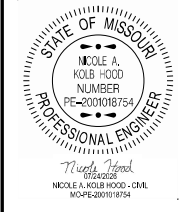
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



LIGHTING SHEET
SHEET 4 OF 5
STA 434+50 TO STA 445+00 EB
STA 426+00 TO STA 436+50 WB



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 31
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

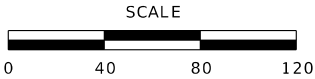
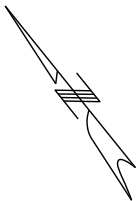
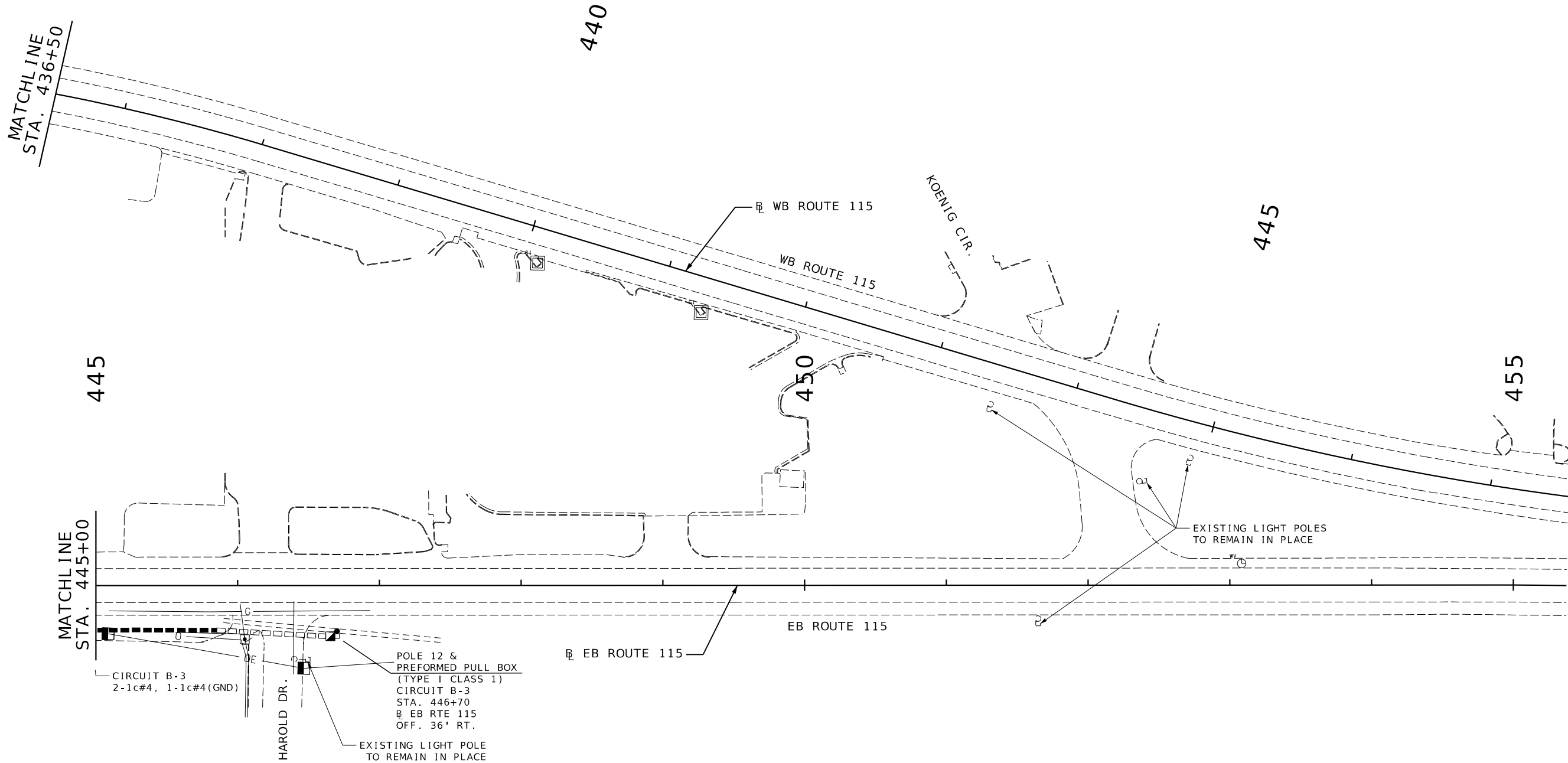
MoDOT

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

GFT

GFT Infrastructure, Inc.
2400 PERSHING ROAD
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



DATE PREPARED
7/22/2026

ROUTE 115 STATE MO

DISTRICT SL SHEET NO. 32

COUNTY ST. LOUIS

JOB NO. JSL0172

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

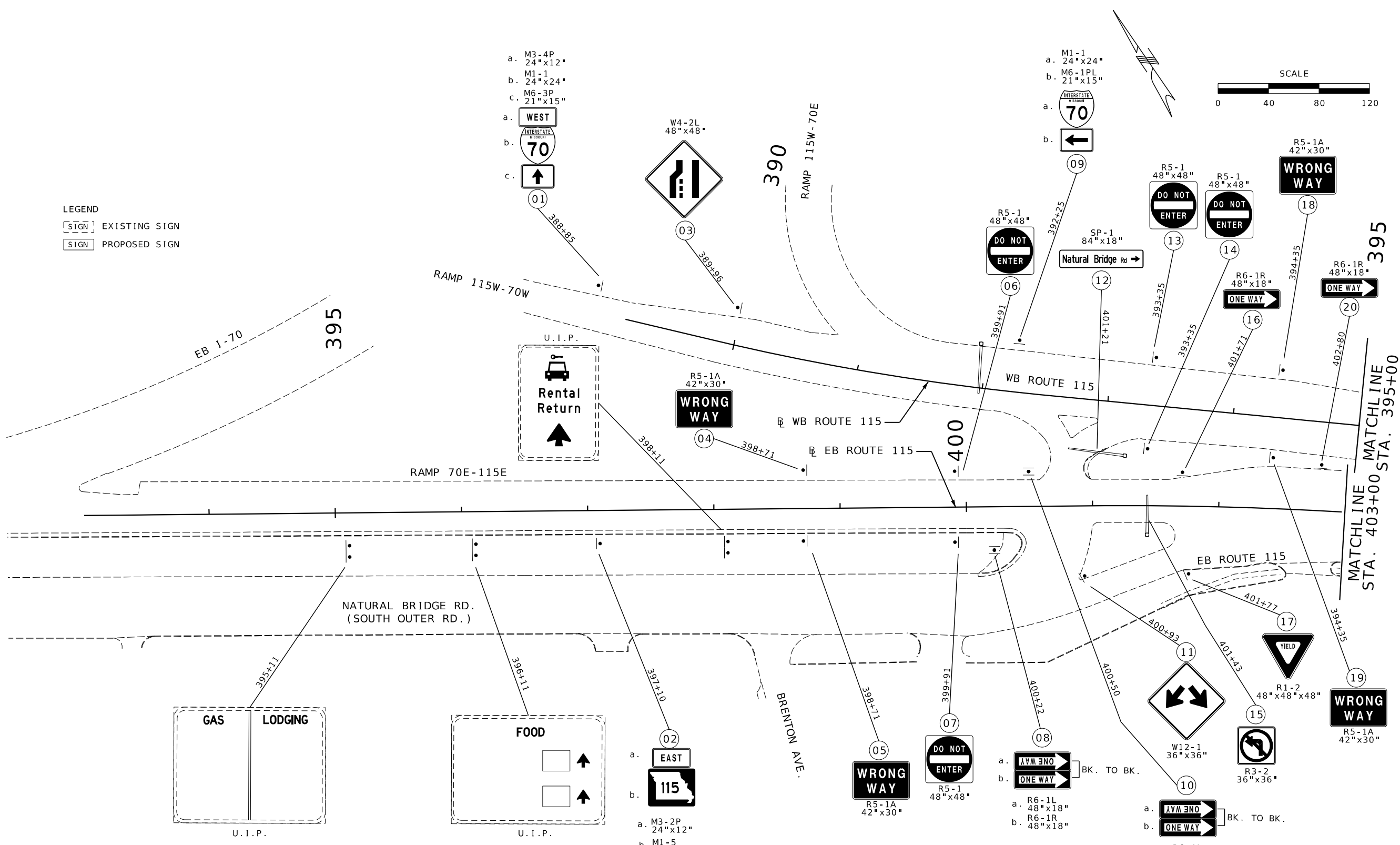


GFT Infrastructure, Inc.
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KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

LIGHTING SHEET
SHEET 5 OF 5
STA 445+00 TO STA 455+25 EB
STA 436+50 TO STA 447+50 WB

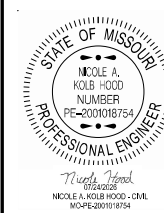
LEGEND
[SIGN] EXISTING SIGN
[SIGN] PROPOSED SIGN



NOTES:

- ALL SIGNING SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). DESIGN DETAILS FOR PROPOSED SIGNS (COLOR, LETTER HEIGHT, LETTER SERIES) SHALL BE AS SHOWN IN THE STANDARD HIGHWAY SIGNS MANUAL (LATEST EDITION) UNLESS OTHER DETAILS ARE SHOWN ON THE PLANS.
- THE LOCATIONS OF UNDERGROUND UTILITIES ARE SHOWN ON THESE PLANS AND/OR THE ROADWAY PLANS IN AN APPROXIMATE MANNER ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES PRIOR TO ERECTING ANY SIGNS AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND FACILITIES.
- FOR CLARITY, EXISTING SIGNS ON ROUTE 115 ARE GENERALLY NOT SHOWN, UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS FROM STATIONS 390+00 TO 403+00 SHALL BE REMOVED.

SIGNING SHEET
SHEET 1 OF 7
STA 393+01.03 TO STA 403+00 EB
STA 389+11.89 TO STA 395+00 WB



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 34
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

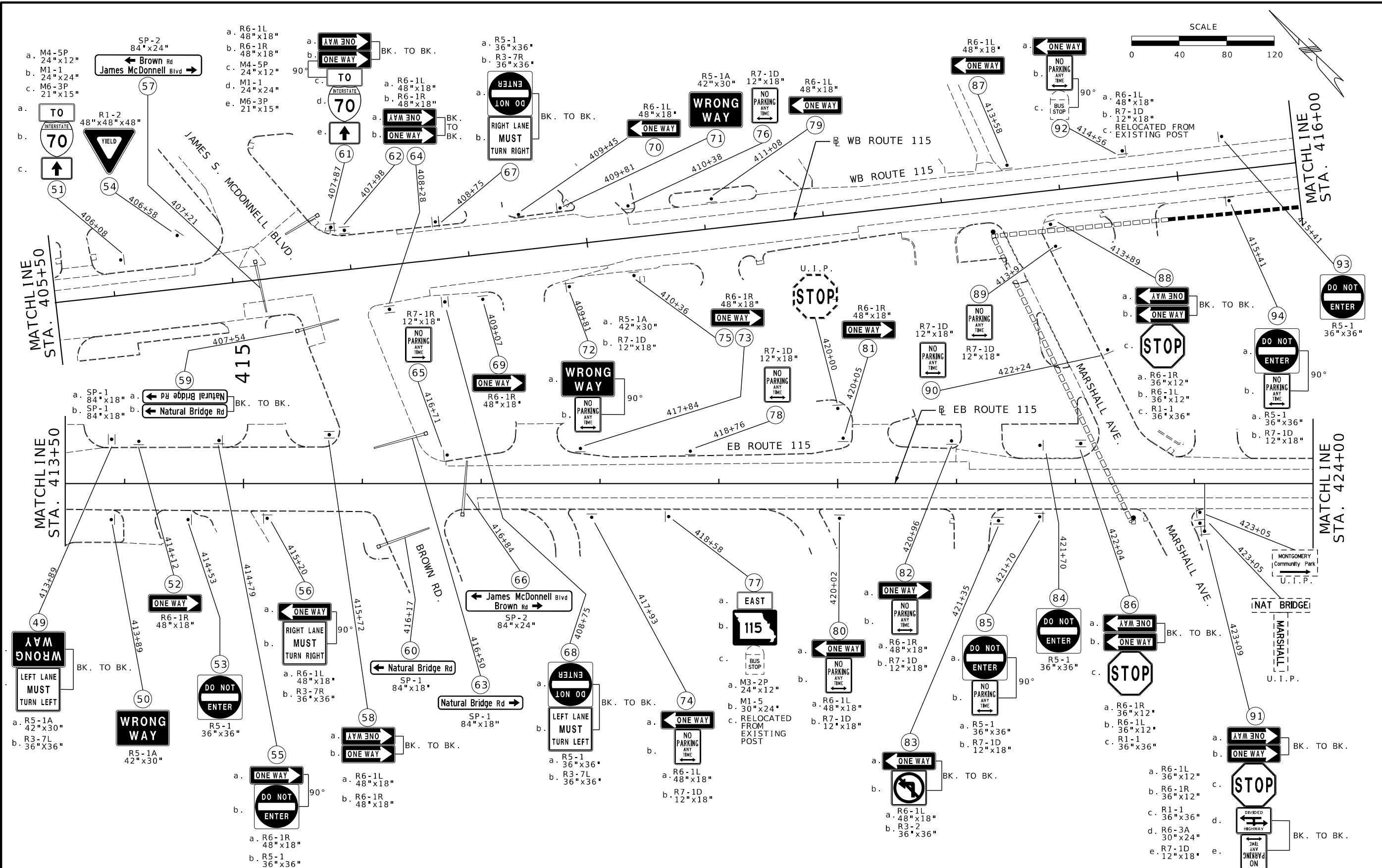
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



STATE OF MISSOURI

PROFESSIONAL ENGINEER

DATE PREPARED
7/22/2026

ROUTE
115

DISTRICT
SL

COUNTY
ST. LOUIS

JOB NO.
JSL0172

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE

DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)329-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

NOTES:

1. FOR CLARITY, EXISTING SIGNS ON ROUTE 115 ARE GENERALLY NOT SHOWN. UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS FROM STATIONS 405+50 TO 424+00 SHALL BE REMOVED.

SIGNING SHEET
SHEET 3 OF 7
STA 413+50 TO STA 424+00 EB
STA 405+50 TO STA 416+00 WB

pw://transystems-pw.bentley.com: transyscorp-pw1-hosted/Documents/Projects_2025/KC101/101250058/Road/Plan/036_SN_JSL0172_140_Rte115.dgn 2:43:25 PM 7/22/2026

Table of widths and spaces

2.8	↑	8.0	13.1	↩	18.1	6.0	W	4	1.5	E	4.3	S	4.8	1.1	T	4.5	10.0
16.8	W	8.5	1.8	e	5.3	2.4	n	5.3	2.1	t	4.1	1.9	z	5.4	v	6.1	2.3
2.0	—	80.0	2.0														
8.8	↩	17.9	6.0	E	5.9	1.0	A	6.0	1.3	S	4.8	1.1	T	4.5	7.9	→	12.0
6.9	S	6.4	1.6	t	4.1												
	8.0	L	5.9	1.6	o	5.4	2.4	u	5.3	3.0	i	1.5	2.3	s	1	24.5	

Diagram of a 'St John CITY LIMIT' sign. The sign is rectangular with a black border. The text 'St John' is in a large, bold, sans-serif font, and 'CITY LIMIT' is in a smaller, bold, sans-serif font below it. Dimensions are provided for the sign and its mounting. The sign itself is 36.0 inches wide and 24.0 inches high. The mounting plate is 4.0 inches wide and 6.0 inches high. The total width of the assembly is 36.0 inches, and the total height is 24.0 inches. The sign is mounted on a wall with a 4.0 inch gap between the sign and the wall. The dimensions are as follows:

- Sign width: 36.0
- Sign height: 24.0
- Mounting plate width: 4.0
- Mounting plate height: 6.0
- Gap between sign and wall: 4.0
- Sign text width: 17.0
- Sign text height: 6.0
- Mounting plate text width: 6.6
- Mounting plate text height: 6.0
- Sign text to wall distance: 10.8
- Mounting plate text to wall distance: 8.8
- Sign text to sign edge distance: 6.2
- Mounting plate text to mounting plate edge distance: 6.2

The diagram shows a rectangular street sign with a black border. The text "Natural Bridge Rd" is in a large, bold, sans-serif font. Below the text is a large black arrow pointing left. To the right of the sign, vertical dimensions are given: 6.0" for the top border, 8.0" for the text height, 6.0" for the arrow height, and 8.0" for the bottom border, totaling 28.0".

Below the sign, horizontal dimensions are provided for the lettering and overall sign size:

- Top row of letters: 12.9" (left margin), 46.2" (text width), 12.9" (right margin).
- Second row of letters: 4.9" (left margin), 24.0" (text width), 9.0" (arrow width), 13.7" (right margin), 4.9" (bottom margin).
- Bottom row of letters: 24.0" (left margin), 24.0" (text width), 24.0" (right margin).
- Total sign width: 72.0".

Below the dimensions, the following text is provided:

D11-2;
 1.0" Border, White on Green;
 "Natural", E Mod; "Bridge Rd", E Mod;
 Standard Arrow Custom 24.0" X 8.0" 180";
 Table of distances between letter and object letters

12.9	N	a	t	u	r	i	l	12.9
9.1	7.4	6.6	8.2	5.2	8.2	1.5		
4.9	B	r	i	d	g	e	R	d
9.3	5.8	3.9	7.7	7.6	14.2	8.5	5.2	4.9
24.0	←	24.0						

Technical drawing of a rectangular sign with rounded corners. The sign contains the text "Berkeley" in a large, bold, sans-serif font, and "CITY LIMIT" in a smaller, bold, sans-serif font below it. The sign is surrounded by dimension lines indicating its size and spacing. The overall width is 54 inches, with 5.4 inches on each side. The overall height is 24 inches, with 6 inches on each side. The sign itself is 31.2 inches wide and 18 inches high. The text "Berkeley" is 31.2 inches wide and 10.8 inches high. The text "CITY LIMIT" is 31.2 inches wide and 4.0 inches high. The spacing between the sign and the overall dimensions is 9.2 inches on the left and right, and 4.0 inches on the top and bottom.

[illegible][illegible][illegible]

SP-2:

1.9" Radius, 0.8" Border, White on Green;
Standard Arrow 9 9.0" X 6.0" 180";
"James McDonnell Blvd", C 20% spacing;
"Brown Rd", C 20% spacing;
Standard Arrow 9 9.0" X 6.0" 0°;

Table of widths and spaces

4.2	←	J	3.0	0.3	a	3.0	0.4	m	4.9	0.3	e	2.9	0.3	s	2.9
	4.5	M	3.9	0.3	c	3.0	0.6	D	3.2	0.3	o	3.0	0.3	n	3.0
		B	2.5	0.2	i	0.7	0.2	v	2.6	0.2	d	2.2	4.2		
22.0		B	3.3	0.4	r	2.2	0.1	o	3.1	0.2	w	4.6	0.3	n	2.9
		R	2.5	0.2	d	2.2	4.5	→	9.0	22.0					

A diagram of a rectangular sign with a black border. The sign contains the text "Cargo City" in a bold, sans-serif font. The sign is divided into three horizontal sections by two lines. The top section contains the word "Cargo", the middle section contains the word "City", and the bottom section is empty. The dimensions of the sign are given in feet and inches. The overall width is 30.0 feet. The overall height is 4.0 feet. The sign is divided into three horizontal sections with heights of 6.0 feet, 6.0 feet, and 4.0 feet. The text "Cargo" is 22.3 feet wide and 3.9 feet high. The text "City" is 12.5 feet wide and 3.8 feet high. The bottom section is 8.8 feet wide and 8.8 feet high.

3.0" Radius, 1.0" Border, White on Green;
 "Cargo", D;
 "City", D 16% spacing;
 Table of distances between letter and object lefts

	C	a	r	q	o	
3.9	5.3	5.3	3.3	4.9	3.5	3.8

	C	i	t	y	
8.8	4.3	1.1	2.8	4.3	8.8

NICOLE A.
 KOLB HOOD
 NUMBER
 PE-2001018754
 PROFESSIONAL ENGINEER

Nicole Hood
 07/24/2026
 NICOLE A. KOLB HOOD - CIVIL
 MO-PE-2001018754

PROJECT NO.
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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JEFFERSON CITY, MO 65102

GFT
GFT Infrastructure, Inc.
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SUITE 400
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PHONE: (816)329-8600
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

pw://transystems-pw.bentley.com:transyscorp-pw1-hosted/Documents/Projects_2025/KC101/101250058/Road/Plan/041_SN_JSL0172.dgn 2:44:17 PM 7/22/2026

SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A

CONCRETE FOOTINGS EMBEDDED

(I-BEAM/PIPE)

ITEM NO. 9031010

CY

I-BEAM POSTS*

POST + STUB

DES NO. 1

NO. 2

NO. 3

PER

ITEM NO. 9031210

LBS

PIPE POSTS*

POST + STUB

DES NO. 1

NO. 2

PER

ITEM NO. 9031220

LBS

4" SQUARE STEEL POST*

BASE

ITEM NO. 9031005

POST

ITEM NO. 9031230

PERFORATED SQUARE STEEL TUBE**

2" POST

POST

TOTAL

DRIVEN

ITEM NO. 9031270A

CONCRETE

ITEM NO. 9031273A

ITEM NO. 9031274

2.5" POST

POST

TOTAL

DRIVEN

ITEM NO. 9031280

CONCRETE

ITEM NO. 9031281A

ITEM NO. 9031285

BREAK - AWAY

ITEM NO. 9031241

U-CHANNEL POST

ITEM NO. 9031250A

ALUMINUM BACKING BARS

COUNT

LENGTH

ITEM NO. 9035030

COLUMN MOUNTING C-CHANNEL

ITEM NO. 9035031

EFFECTIVE: 07-01-2026

REMARKS AND OTHER REQUIRED ITEMS

STATE OF MISSOURI

NICOLE A. KOEHL-ROOD

REGISTERED PROFESSIONAL ENGINEER

PE-2001018754

MO#FE-2001018754

DATE PREPARED

8/5/2026

ROUTE

115

DISTRICT

SL

STATE

MO

SHEET NO.

42

COUNTY

ST. LOUIS

JOB NO.

JSL0172

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

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ENGINEERING

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR I-BEAM, PIPE AND 4" SQUARE STEEL POSTS.

**FOR PSST WITHOUT BREAKAWAY DEVICES, POST LENGTH SHALL INCLUDE AN ADDITIONAL 6" FOR INSERTION INTO ANCHOR;

FOR SURFACED MOUNTED PSST ON ISLANDS, NO ANCHOR IS USED, JUST A SURFACE MOUNT BREAKAWAY ASSEMBLY.

I-BEAM POST AND FOOTING DATA TABLE

POST DES. NO.	NOM. SIZE	POST		STUB LENGTH	DIA.	FOOTING							
		WEIGHT				LEVEL GROUND		6:1 GRADE		4:1 GRADE		3:1 OR 2:1 GRADE	
		LBS/FT	LBS/IN			DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65

PIPE POST AND FOOTING DATA TABLE

NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING			CONCRETE
	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.	
2"	5.79	0.48	4'-3 3/4"	12"	4'-6"	0.13	
4"	10.79	0.90	5'-3 3/4"	18"	5'-6"	0.36	

D-29

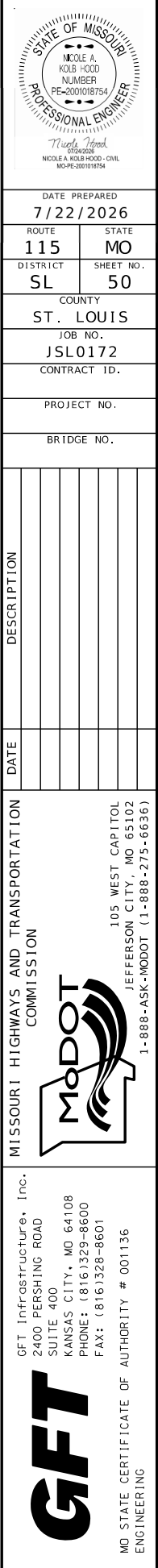
SIGNS				CONCRETE FOOTINGS EMBEDDED	I-BEAM POSTS*				PIPE POSTS*				4" SQUARE STEEL POST*		PERFORATED SQUARE STEEL TUBE**										U- CHANNEL POST	ALUMINUM BACKING BARS			COLUMN MOUNTING C-CHANNEL	REMARKS AND OTHER REQUIRED ITEMS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
902 SIGNAL SIGNS TABULATED ON D-37A					(I-BEAM/PIPE)										2" POST					2.5" POST						BREAK - AWAY ASSEMBLY	ITEM NO. 9031250A	COUNT			LENGTH	TOTAL ITEM NO. 9035030	ITEM NO. 9035031																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
SIGN NO.	SIGN SIZE	STATION/ LOG MILE	LOCATION		DTL SHT NO.	ITEM NO. 9031010	POST + STUB			LBS PER FT	TOTAL ITEM NO. 9031210	POST + STUB			LBS PER FT	TOTAL ITEM NO. 9031220	BASE ITEM NO. 9031005	POST ITEM NO. 9031230	NO. 1 LF	NO. 2 LF	TOTAL ITEM NO. 9031270A	DRIVEN ITEM NO. 9031273A	CONCRETE ITEM NO. 9031274	NO. 1 LF										NO. 2 LF	TOTAL ITEM NO. 9031280	DRIVEN ITEM NO. 9031281A	CONCRETE ITEM NO. 9031285	ITEM NO. 9031241																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
							DES NO.	NO. 1 LF	NO. 2 LF			NO. 3 LF	DES NO.	NO. 1 IN.																									NO. 2 LF	NO. 3 LF	NO. 1 LF	NO. 2 LF	NO. 1 EACH	NO. 2 EACH	NO. 1 LF	NO. 2 LF	NO. 1 EACH	NO. 2 EACH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
82	48"x18" 12"x18"	420+96	EB ROUTE 115																10.0		10.0	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

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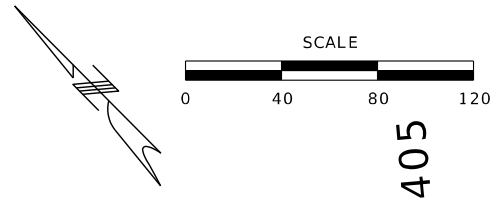
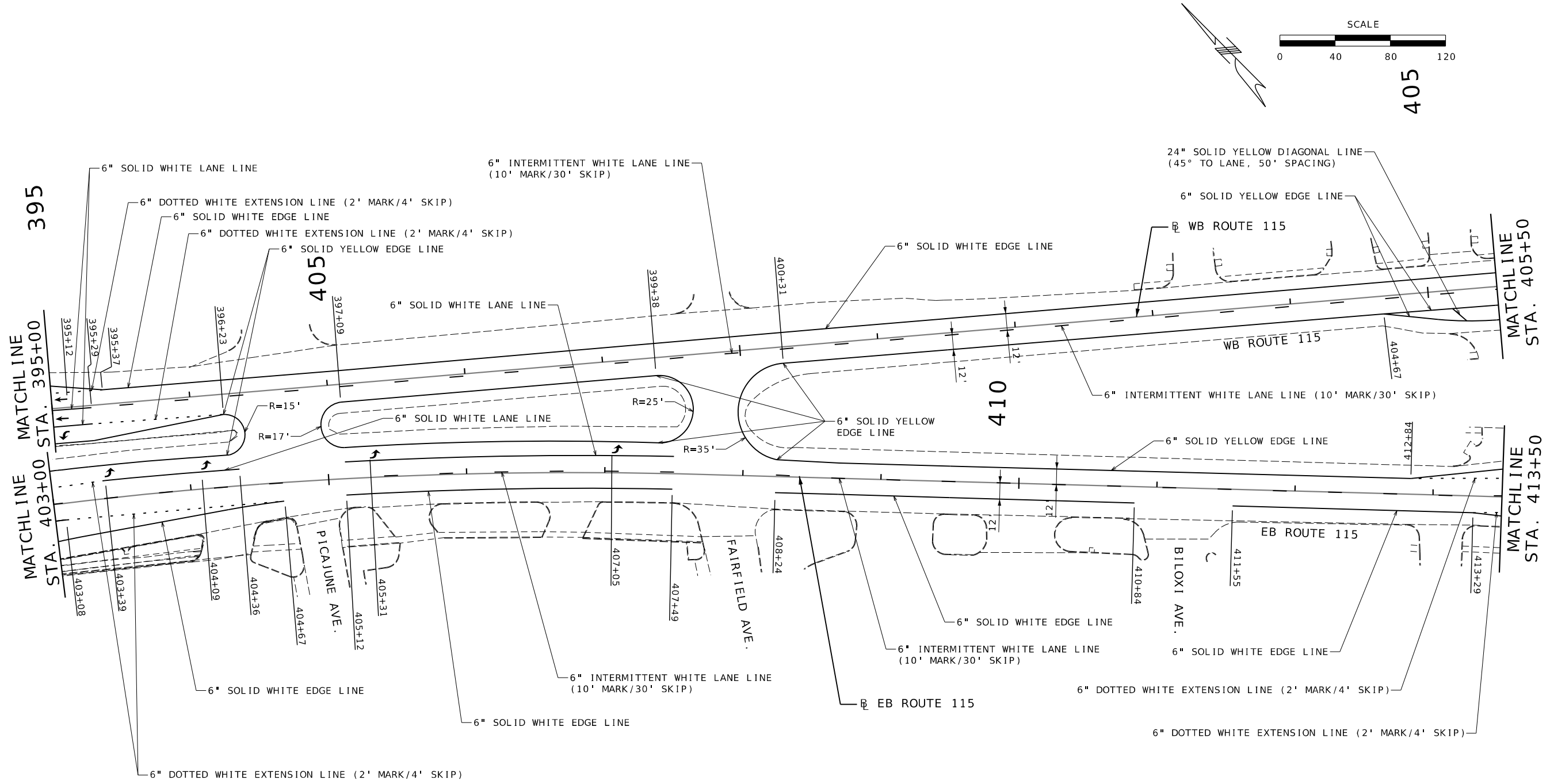
[illegible]

SIGN SUMMARY								EFFECTIVE: 10-01-2016
STANDARD OR SPECIAL SIGN DESIGNATION	SIGN DTL. SHT. NO.	NO. EACH	SIGN SIZE	TYPE & SQUARE FEET				
				FLAT SHEET	FLAT SHEET	STRUCTURAL	STRUCTURAL	
				SH ITEM NO. 9035004A	SIGN SH ITEM NO. 9020833	ST ITEM NO. 9035011A	FLUORESCENT STF* ITEM NO. 9035071A	
01,02,25,41, 51,61,77,177		8	2'x1'	16.0				
01,09,51, 61		4	2'x2'	16.0				
01,09,39,51,61,166		6	1.75'x1.25'	13.1				
02,25,26,35,41,77, 91,103,107,166,177		11	2.5'x2'	55.0				
03		1	4'x4'	16.0				
04,05,18,19,49,50,71, 72,99,100,111,112, 114,115,133,134,147, 148,175,176		20	3.5' x 2.5'	175.0				
08,10,16,20,24,33, 38,40,42,44,45,46, 47,48,52,55,56,58, 61,62,64,69,70, 73-75,79- 83,87,92,105,108, 119,122- 126,128,129,135,137, 138,139,140,142,146, 151,158,165,169,171		62	4'x1.5'	372.0				
11, 136, 167		3	3'x3'	27.0				
12, 59, 60, 63	41	5	7'x1.5'		52.5			
17, 34, 54		3	4'	20.8				
06,07,13, 14,178,179		4	4'x4'	64.0				
22	41	1	6'X4'	24.0				
23	41	1	7'x7'			49.0		
26,35,43,86,88,91, 103,104,106, 107,141,157,160		24	3'x1'	72.0				
26,35,43,86,88, 91,103,104,106, 107,141,157,160		13	3'x3' (OCT.)	97.5				
15		1	3'x3'		9.0			
27,28,30,31,36,37,43, 49,53,55,56,67,68,83, 85,93,94,101,102,106, 109,110,117,118,127, 130,131,142,143, 145,152,153,178,179		34	3'x3'	306.0				
32,65,72,74,76,78,80, 82,85,89-92,94- 98,105,109,113, 116,121-126,131,137, 138,149,150,156,159, 165,173		37	1'x1.5'	55.5				
39	41	1	2.5'x2'		5.0			
57,66	41	2	7'x2'		28			
21,29,120,144,163,164		6	3'x4'	72.0				
136, 167		2	3'x2.5'	15.0				
139, 162		2	2.5'x3'	15.0				
154		1	3'x2'		6.0			
155, 161		2	2'x3'	12.0				
132, 168, 170, 172, 174		5	1'x3'	15.0				
163, 164		2	3.5'x2'	14.0				

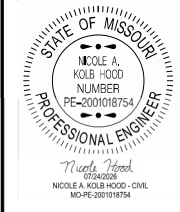


1. ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). LEGEND AND SYMBOL MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD HIGHWAY SIGNS BOOK, PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION.
2. UNLESS OTHERWISE NOTED, ALL PAVEMENT MARKING SYMBOLS SHALL BE CENTERED IN THEIR RESPECTIVE LANES.
3. ALL PAVEMENT MARKINGS SHALL CONFORM TO MODOT SPECIFICATIONS. UNLESS OTHERWISE NOTED, PAVEMENT MARKING MATERIALS SHALL BE:
 - PREFORMED THERMOPLASTIC FOR ALL PAVEMENT MARKING SYMBOLS, STOP LINES, AND CROSSWALK MARKINGS.
 - HIGH BUILD WATERBORNE PAINT WITH TYPE L BEADS FOR ALL OTHER MARKINGS.
4. UNLESS OTHERWISE NOTED, DIMENSIONS SHOWN TO A CURB SECTION INDICATE THE DIMENSION TO THE EDGE OF THE ADJACENT TRAVEL LANE.
5. WHERE APPLICABLE WHEN PLACING MARKINGS UNDER TRAFFIC, THE CONTRACTOR SHALL USE LANE CLOSURES TO PROVIDE THE REQUIRED MINIMUM CURE TIME FOR THE MATERIAL AS SPECIFIED BY THE MANUFACTURER.

[illegible]



PAVEMENT MARKING SHEET
SHEET 2 OF 7
STA 403+00 TO STA 413+50 EB
STA 395+00 TO STA 405+50 WB



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 51
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

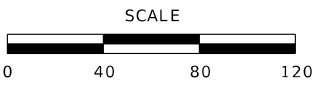
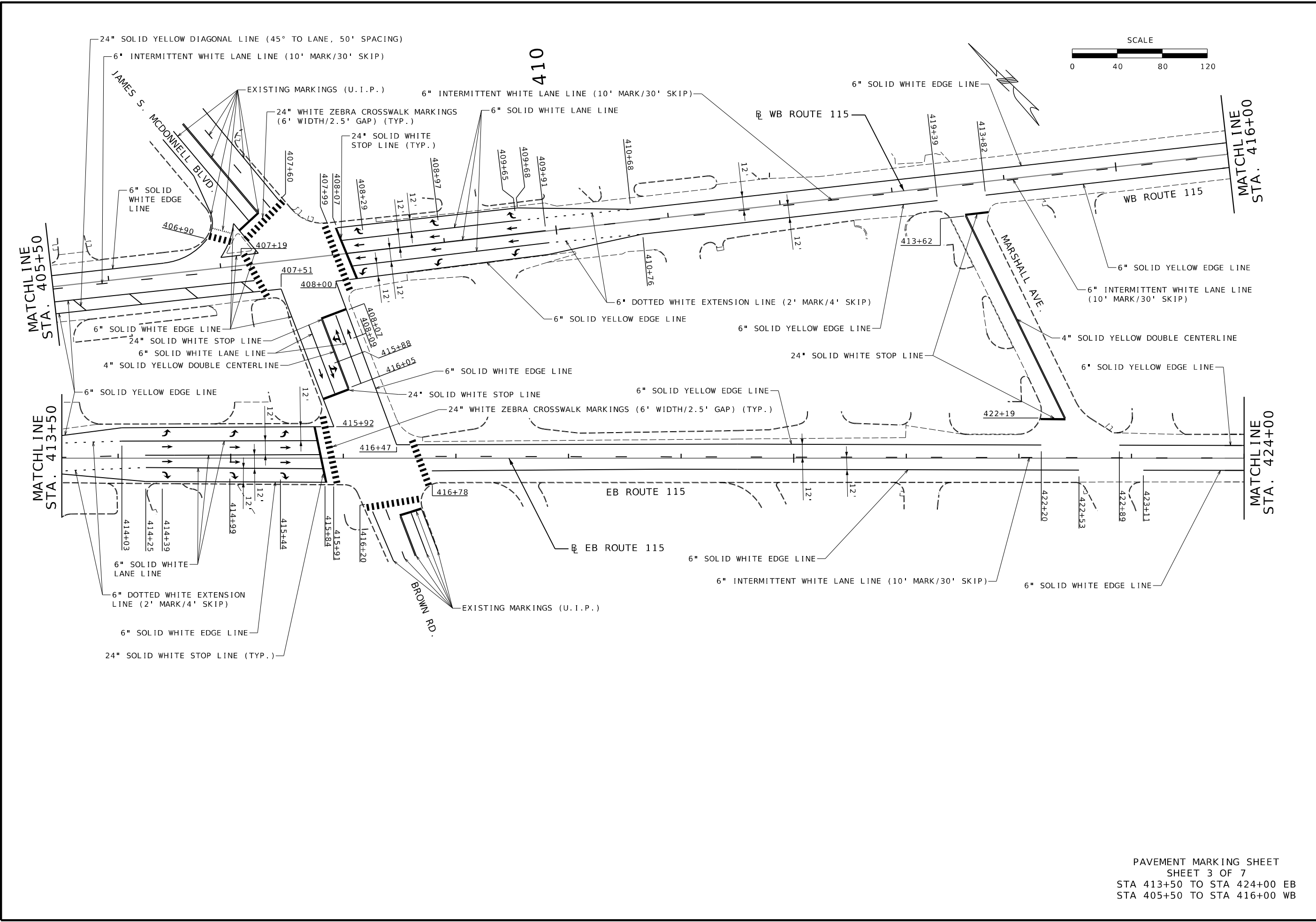
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816) 329-8600
FAX: (816) 329-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



STATE OF MISSOURI

NICOLE A. KOLB-HOOD

NUMBER

PE-2001018754

PROFESSIONAL ENGINEER

Nicole Hood

10/20/2008

NICOLE A. KOLB-HOOD - CIVIL

MO-PE-2001018754

DATE PREPARED

7/22/2026

ROUTE

115

STATE

MO

DISTRICT

SL

SHEET NO.

52

COUNTY

ST. LOUIS

JOB NO.

JSL0172

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)

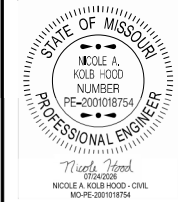
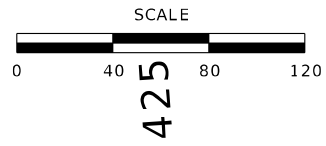
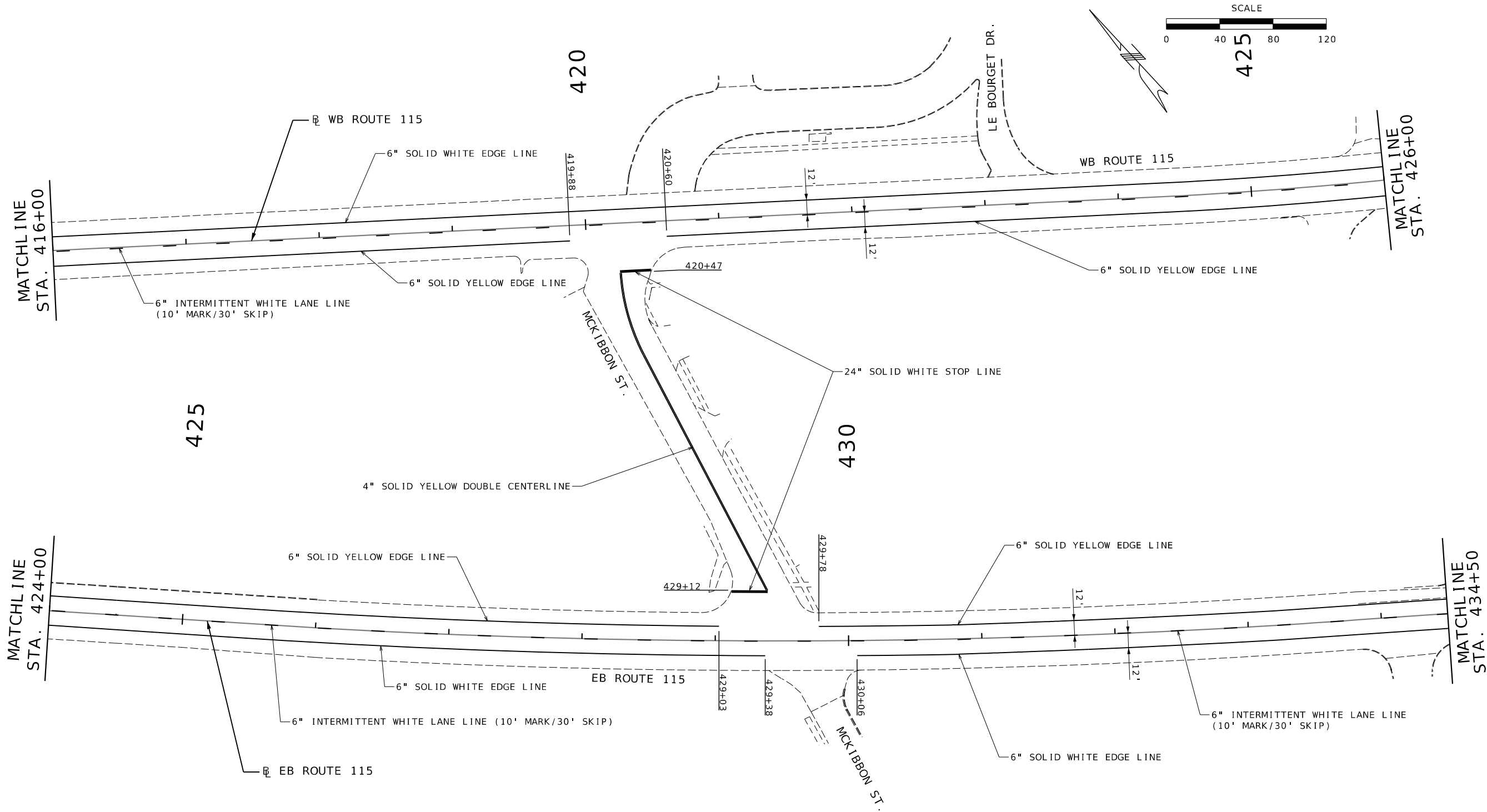
GFT Infrastructure, Inc.

2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

PAVEMENT MARKING SHEET
SHEET 3 OF 7
STA 413+50 TO STA 424+00 EB
STA 405+50 TO STA 416+00 WB

pw://transystems-pw.bentley.com:transyscorp-pw1-hosted/Documents/Projects_2025/KC101/101250058/Road/Plan/052_PM_JSL0172_140_Rte115.dgn 2:45:54 PM 7/22/2026



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 53
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

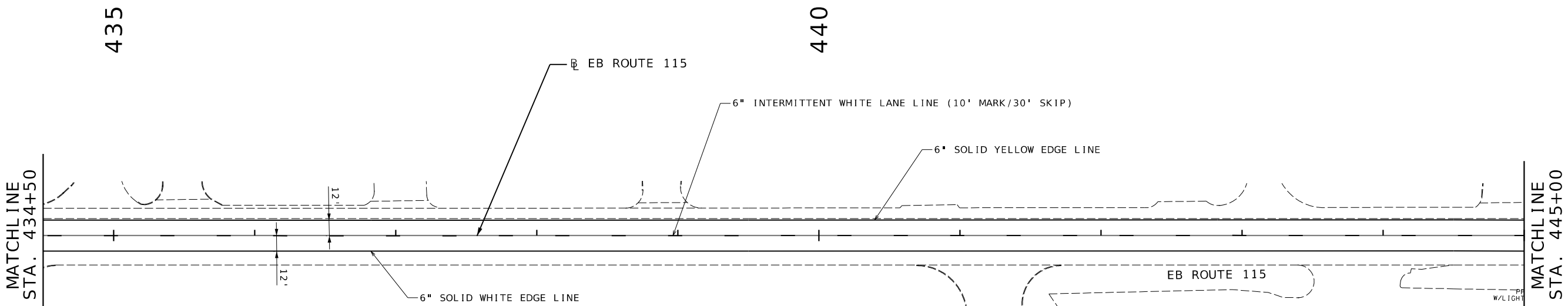
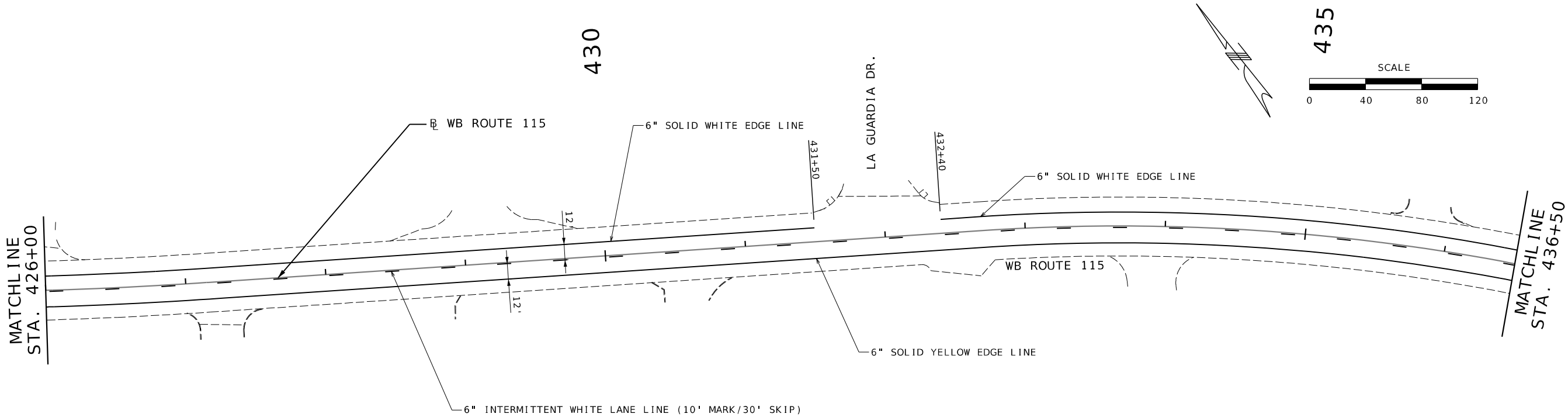
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

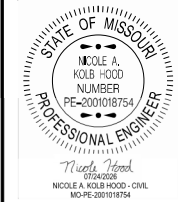
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

PAVEMENT MARKING SHEET
SHEET 4 OF 7
STA 424+00 TO STA 434+50 EB
STA 416+00 TO STA 426+00 WB



PAVEMENT MARKING SHEET
SHEET 5 OF 7
STA 434+50 TO STA 445+00 EB
STA 426+00 TO STA 436+50 WB



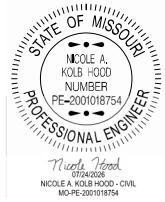
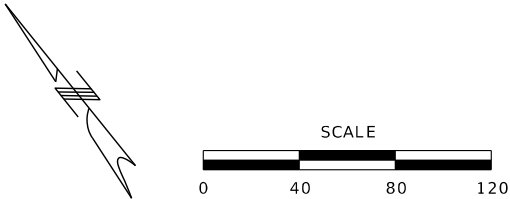
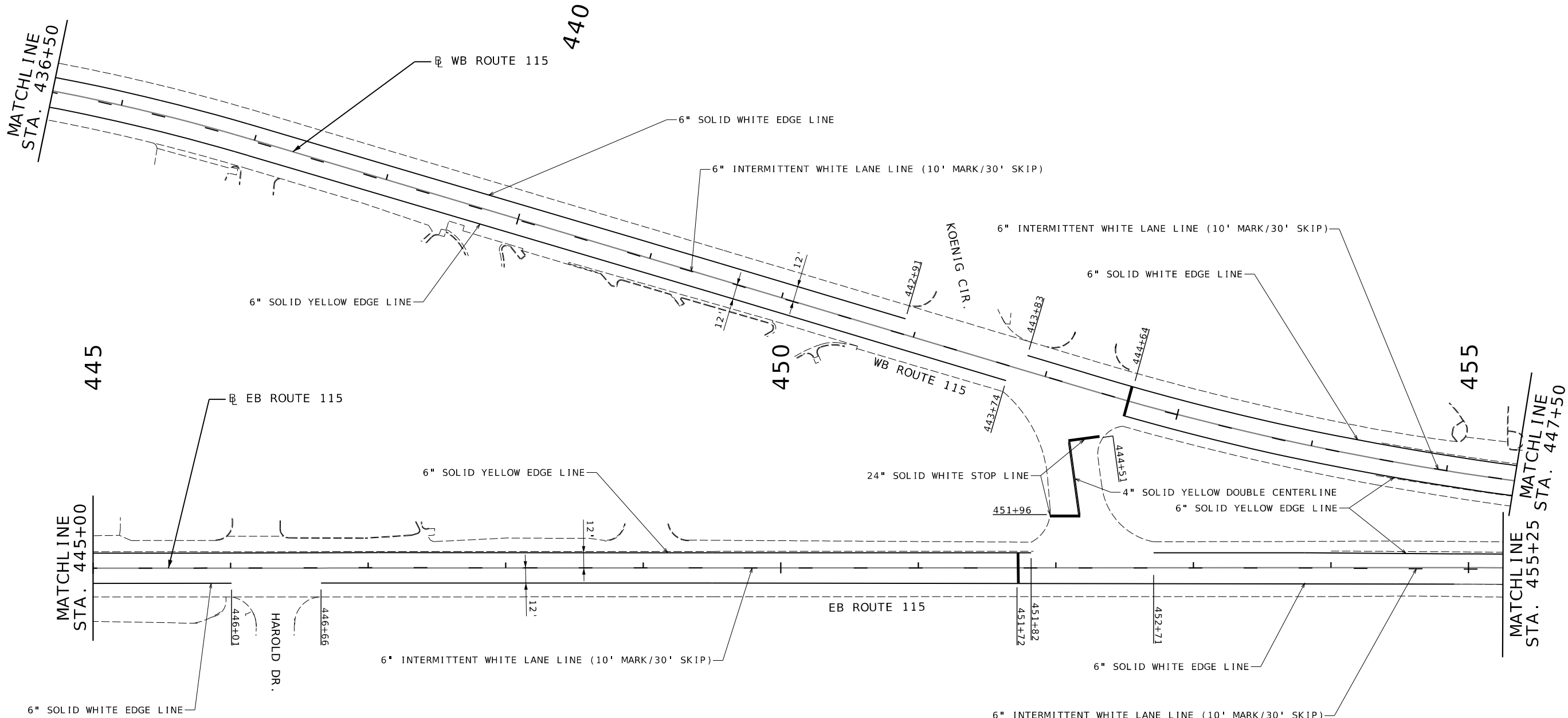
DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 54
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



DATE PREPARED 7/22/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 55
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

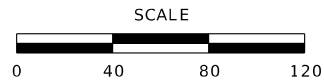
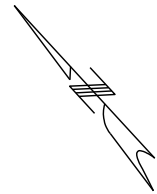
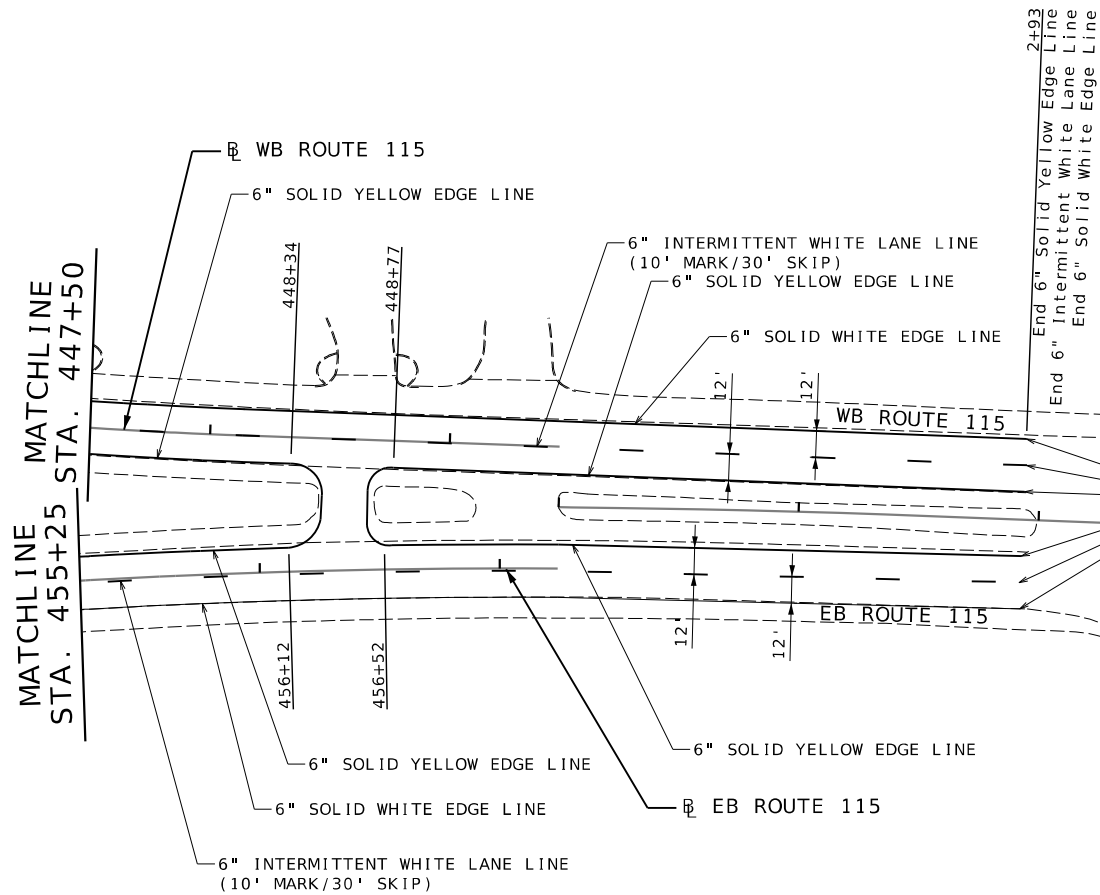
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

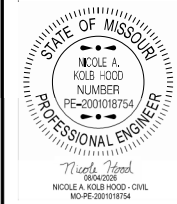
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

PAVEMENT MARKING SHEET
SHEET 6 OF 7
STA 445+00 TO STA 455+25 EB
STA 436+50 TO STA 447+50 WB



PAVEMENT MARKING SHEET
SHEET 7 OF 7
STA 455+25 EB TO STA 2+95
STA 447+50 WB TO STA 2+95



DATE PREPARED 8/5/2026	
ROUTE 115	STATE MO
DISTRICT SL	SHEET NO. 56
COUNTY ST. LOUIS	
JOB NO. JSL0172	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

GFT

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

DESIGN DESIGNATION

A.A.D.T. - 2026 = 12,093
A.A.D.T. - 2046 = 13,363
D.H.V. = 837
T = 12.68%
V = 40 M.P.H.
D = 30.82% / 69.18%

FUNCTIONAL CLASSIFICATION - MAJOR COLLECTOR

EXISTING RIGHT-OF-WAY

NO NEW RIGHT-OF-WAY TO BE ACQUIRED

PROJECT SPECIFIC INFO

PLANS WERE DEVELOPED BASED ON AVAILABLE MAPPING FROM PREVIOUS PROJECT. THE ALIGNMENT IS APPROXIMATE AND SHOWN FOR INFORMATION ONLY.

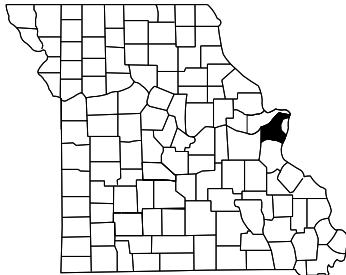
CONVENTIONAL SYMBOLS

(USED IN PLANS)

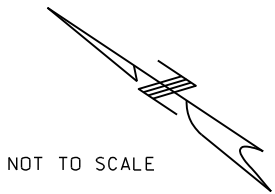
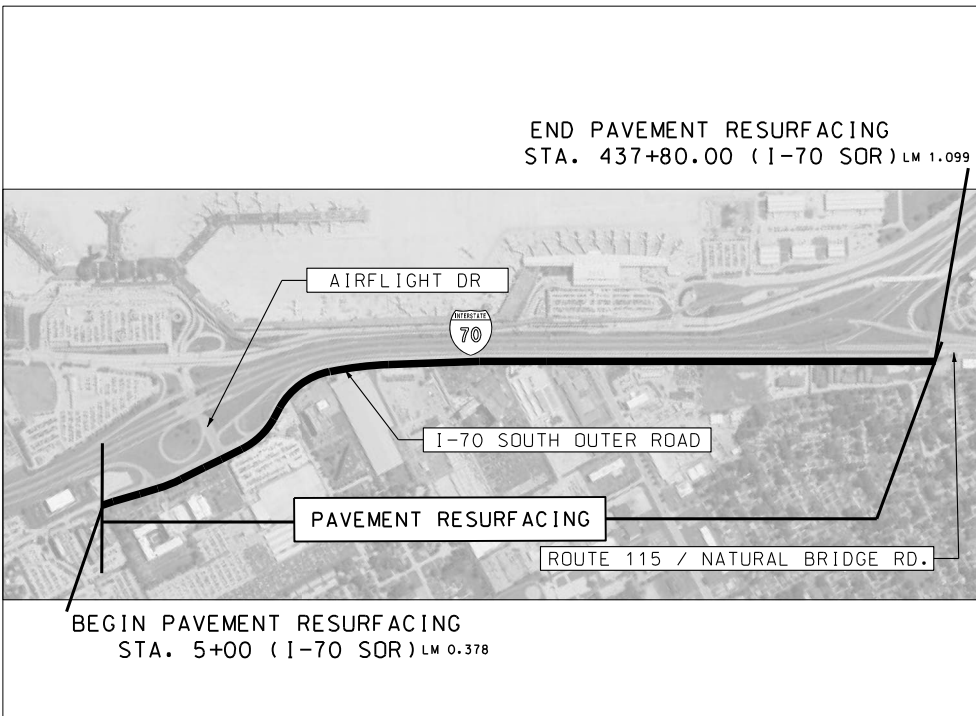
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-UT-
OVERHEAD POWER	-OE-	-OE-
UNDERGROUND POWER	-UE-	-UE-
WESTLAKE SANITARY FORCEMAIN	-FM-	-FM-
SANITARY SEWER	-S-	-S-
STORM SEWER	-SS-	-SS-
GAS	-G-	-G-
WATER	-W-	-W-
MANHOLE		
FIRE HYDRANT		
WATER VALVE		
WATER METER		
DROP INLET		
DITCH BLOCK		
GROUND MOUNTED SIGN		
LIGHT POLE		
DECORATIVE LIGHT POLE		
H-FRAME POWER POLE		
POWER POLE		
GUY WIRE		
TELEPHONE PEDESTAL		
FENCE		
CHAIN LINK		
WOVEN WIRE		
GATE POST		
BENCHMARK		
TEMPORARY CONSTRUCTION EASEMENT		
DO NOT DISTURB		
REMOVE		
RELOCATE		
ADJUST TO GRADE		
USE IN PLACE		
TO BE ABANDONED		
CURB RAMP AND DOME		
NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES		

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
PLANS FOR PROPOSED
STATE HIGHWAY

ST. LOUIS COUNTY
SECTIONS 14,15,22,23,
TOWNSHIP 46 NORTH,
RANGE 3 EAST



KEY MAP
SHOWING LOCATION OF
ST. LOUIS COUNTY



NOT TO SCALE

STORMWATER MANAGEMENT FUTURE DISTURBANCE NOTE:

PROJECT DISTURBANCE = 0 ACRES
PROJECT RUNOFF DISTURBANCE = 0 CFS

ANY FUTURE LAND DISTURBANCE AND/OR INCREASE IN IMPERVIOUS AREA ON THIS SITE MAY REQUIRE ADDITIONAL STORMWATER MANAGEMENT PER MSD REGULATIONS IN PLACE AT THAT TIME (INCLUDING TOTAL LAND DISTURBANCE AND/OR IMPERVIOUSNESS ADDED ON THIS PLAN.)

AREA UNDER BRIDGES/CULVERTS MAINTENANCE:

MAINTENANCE OF ALL AREAS UNDERNEATH BRIDGES OR CULVERTS IS THE RESPONSIBILITY OF THE PROPERTY OWNER OR MUNICIPALITY THAT OWNS THE BRIDGE OR CULVERT.

CONSTRUCTION SITE RUNOFF:

CONSTRUCTION SITE RUNOFF SHALL NOT FLOW IN BMP AREAS. ALL STORMWATER FLOW TO BMP AREAS SHALL BE DIVERTED, PLUGGED OR DISCONNECTED UNTIL THE CONSTRUCTION SITE IS STABLE AND THE MSD INSPECTOR PROVIDES APPROVAL TO PLACE THE BMP ON-LINE.

DETAIL DRAWINGS:

THE DETAIL DRAWINGS SHOWN HERE ARE ONLY FOR PRIVATE CONSTRUCTION THAT IS NOT UNDER MSD PERMITS. REFER TO MSD STANDARD CONSTRUCTION SPECIFICATIONS AND STANDARD DETAILS FOR PUBLIC SEWER CONSTRUCTION OR PRIVATE CONSTRUCTION UNDER MSD PERMITS.

REMOVE REPLACE OR REHAB NOTE:

THE REMOVAL AND REPLACEMENT, OR REHABILITATION OF THE EXISTING STRUCTURE WILL BE DETERMINED BY THE MSD FIELD INSPECTOR. IF THE STRUCTURE IS DETERMINED TO REMAIN IN PLACE, THEN THE TOP SHALL BE ADJUSTED TO GRADE, IF NEEDED.

MSD PERMIT #26MSD-00264

SUBMITTED: 9/15/2026

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (4 SHEETS)	3
PLAN SHEETS	4-10
SPECIAL SHEETS	11-19
TRAFFIC CONTROL SHEETS (TC)	20-30
LIGHTING SHEET (LT)	31
SIGNAL (SG)	32-35
SIGNING (SN)	36-46
PAVEMENT MARKING (PM)	47-53
CULVERT SECTIONS (CS)	54



DATE PREPARED	9/15/2026
ROUTE	I-70 SOR
STATE	MO
DISTRICT	SL
SHEET NO.	1
COUNTY	ST. LOUIS
JOB NO.	JSL0249
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE



GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

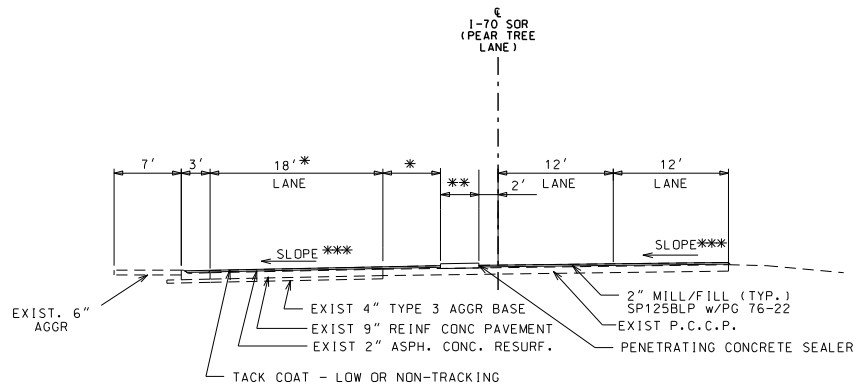
LENGTH OF PROJECT

I-70 SOUTH OUTER RD - PAVEMENT RESURFACING	
BEGINNING OF PROJECT	STA. 5+00.00
END OF PROJECT	STA. 437+80.00
APPARENT LENGTH	43,280.00 FEET

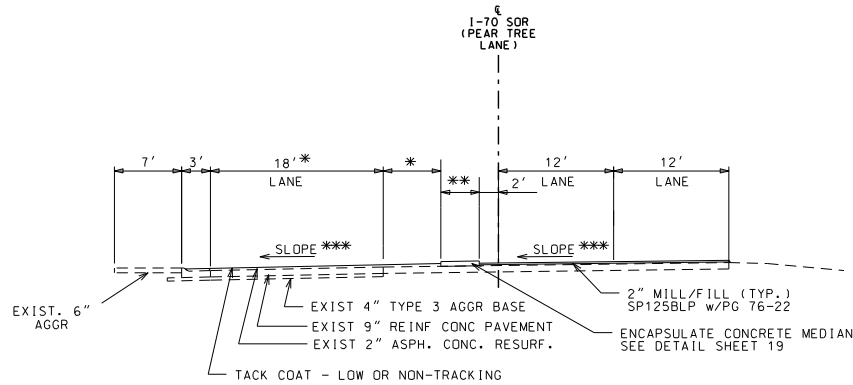
EQUATIONS AND EXCEPTIONS:

I-70 SOUTH OUTER RD
EO: 30+86.15 Bk.= 397+77.51 Ahd. -36691.36 FEET
EO: 404+85.55 Bk.= 404+89.05 Ahd. -3.50 FEET
EO: 410+16.77 Bk.= 408+69.71 Ahd. +147.06 FEET

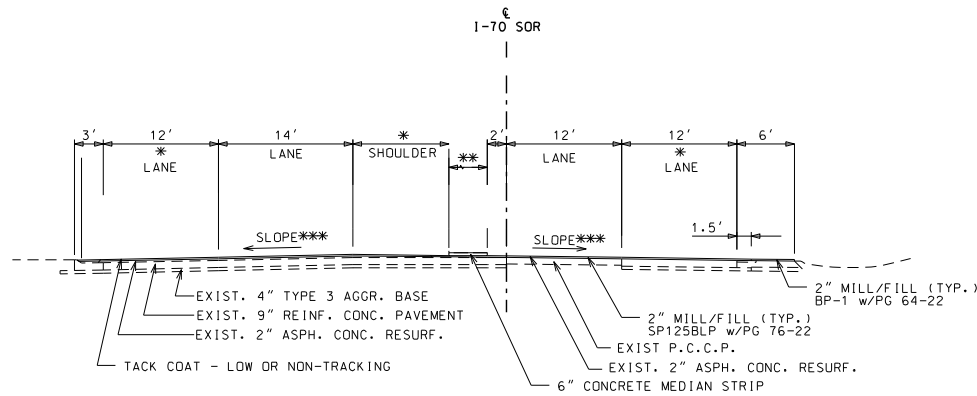
TOTAL CORRECTIONS	-36,547.80 FEET
NET LENGTH OF PROJECT	6,732.20 FEET
STATE LENGTH	1.28 MILES



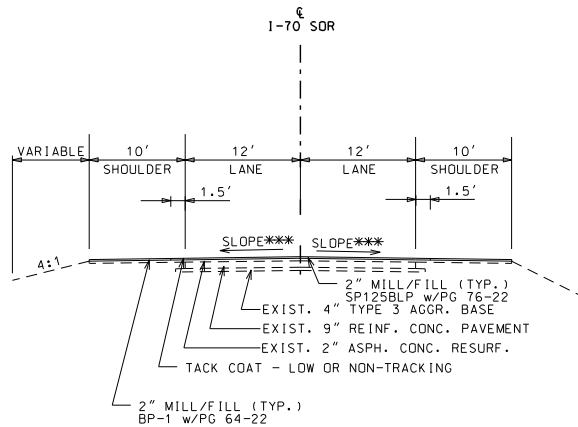
I-70 SOR
STA 5+00 TO 10+00
ON TANGENT



I-70 SOR
STA 10+00 TO 15+00
ON TANGENT



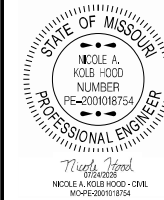
I-70 SOR
STA 15+00 TO 20+00
STA 409+72 TO 419+80



I-70 SOR
STA 20+00 TO 409+72
STA 419+80 TO 437+80

* VARIABLE WIDTH
** LOCATION & WIDTH OF CONC. MEDIAN STRIP VARIES.
*** SLOPE VARIES (MATCH EXISTING)

TYPICAL SECTIONS
SHEET 1 OF 1



DATE PREPARED
7/23/2026

ROUTE I-70 SOR STATE MO
DISTRICT SL SHEET NO. 2

COUNTY
ST. LOUIS

JOB NO.
JSL0249

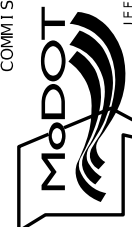
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

MILLING/OVERLAY AND SHOULDER									
PLAN SHEET	FROM STATION	TO STATION	ROADWAY	LOCATION	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS) (SQYD)	ASPHALTIC CONCRETE MIXTURE PG 76-22 (SP125BLP MIX) (TONS)	BITUMINOUS PAVEMENT MIXTURE PG 64-22 (BP-1) (TONS)	TACK COAT NON-TRACKING (GAL)	REMARKS
1	5+00.00	12+40.00	I-70 SOR	LT & RT	3628	438.1		363	
2	12+40.00	22+80.00	I-70 SOR	LT & RT	6856	709.7	41.1	686	
3	22+80.00	400+00.00	I-70 SOR	LT & RT	6098	445.9	217.3	610	
4	400+00.00	409+00.00	I-70 SOR	LT & RT	5186	174.3	215.5	519	
5	409+00.00	419+50.00	I-70 SOR	LT & RT	7890	683.5	153.2	789	
6	419+50.00	430+00.00	I-70 SOR	LT & RT	5320	343.7	234.9	532	
7	430+00.00	437+80.00	I-70 SOR	LT & RT	3986	254.5	179.1	399	
		TOTAL			38964	3049.7	1041.1	3898	

CONTRACTOR FURNISHED SURVEYING & STAKING
PAY TOTAL - 1 LUMP SUM

MOBILIZATION
PAY TOTAL - 1 LUMP SUM

GUARDRAIL								
BEGIN STATION	BEGIN OFFSET	END STATION	END OFFSET	LOCATION	MGS GUARDRAIL (LF)	TYPE A CRASHWORTHY END TERMINAL (MASH) (EA)	MGS END ANCHOR (EA)	REMARKS
18+47.32	37.81 LT	20+04.17	22.46 LT	I-70 SOR	150	1	1	

CONCRETE MEDIAN							
BEGIN STATION	BEGIN OFFSET	END STATION	END OFFSET	LOCATION	6" CONCRETE MEDIAN STRIP SY	PENETRATING CONCRETE SEALER SY	ENCAPSULATED MEDIAN STRIP SY
8+72.23	29.47 LT	9+28.43	31.65 LT	I-70 SOR		166	
7+56.88	3.02 LT	9+33.96	6.39 LT	I-70 SOR		103	
10+08.02	4.27 LT	14+56.18	14.56 LT	I-70 SOR			199
15+50.06	4.00 LT	18+38.80	3.81 LT	I-70 SOR	191		
TOTAL					191	269	199

DRAINAGE STRUCTURES													
PLAN SHEET	STRUCTURE ID	STATION	ROADWAY	LOCATION	INLET TYPE	PRECAST CONCRETE DROP INLET 3 FT X 2.5 FT (LF)	PRECAST CONCRETE DROP INLET 3 FT X 2 FT (LF)	GRATE AND BEARING PLATE (3 FT. X 2 FT.) (EA)	MANHOLE FRAME AND COVER, TYPE 3 (EA)	CLASS 3 EXCAVATION (CUYD)	SELECT GRANULAR BACKFILL FOR STRUCTURAL SYSTEMS (CUYD)	PIPE OPENINGS (NUMBER - SIZE)	REMARKS
4	2118	400+60.28	I-70 SOR	RT	S-1		4	1		4	3	2-18"	
4	2119	400+72.86	I-70 SOR	RT	T	5			1	5	3	2-18"	
TOTAL						5	4	1	1	9	6		

DRAINAGE PIPES								
PLAN SHEET	FROM STATION	TO STATION	ROADWAY	LOCATION	15 IN. PIPE GROUP A (LF)	18 IN. PIPE GROUP A (LF)	CLASS 3 EXCAVATION (CY)	REMARKS
3	30+48.59	397+99.00	I-70 SOR	RT	55		20	REPLACE 15" CMP
4	400+60.28	400+72.86	I-70 SOR	RT		9	5	REPLACE 18" RCP
TOTAL					55	9	25	

CULVERT CLEANOUT						
PLAN SHEET	STATION	OFFSET	ROADWAY	LOCATION	CULVERT CLEANOUT (EA)	REMARKS
2	19+31.08	25.34	I-70 SOR	LT	1	
TOTAL					1	

FENCING						
PLAN SHEET	FROM STATION	TO STATION	ROADWAY	LOCATION	CHAIN-LINK FENCE (48 IN.) (LF)	REMARKS
3	18+47.32	437+80	I-70 SOR	LT	5484	REPLACE FULL RUN OF FENCING
TOTAL					5484	

REMOVAL OF IMPROVEMENTS						
BEGIN STATION	END STATION	LOCATION	AREA SY	LENGTH FT	EACH	DESCRIPTION
15+50.06	18+38.80	I-70 SOR	191			CONCRETE MEDIAN
18+47.32	20+04.17	I-70 SOR		87.5		GUARDRAIL
18+47.32	437+80	I-70 SOR		5484		FENCING
30+48.59	397+99.00	I-70 SOR		55		15" CMP PIPE
400+68.28	400+72.86	I-70 SOR		9		18" RCP PIPE
400+68.28	400+72.86	I-70 SOR			2	STORM SEWER INLETS
PAY TOTAL - 1 LUMP SUM						

ADDITIONAL QUANTITIES
LOCATED IN SIGNING
AND SIGNAL SHEETS.

SUMMARY OF QUANTITIES
SHEET 1 OF 4

STATE OF MISSOURI

NICOLE A. KOUB HODD

NUMBER

PE-2001018754

PROFESSIONAL ENGINEER

Nicole Hod

706926208

NICOLE A. KOUB HODD - CIVIL

MO-PE-2001018754

DATE PREPARED

8/5/2026

ROUTE

I-70 SOR

STATE

MO

DISTRICT

SL

SHEET NO.

3

COUNTY

ST. LOUIS

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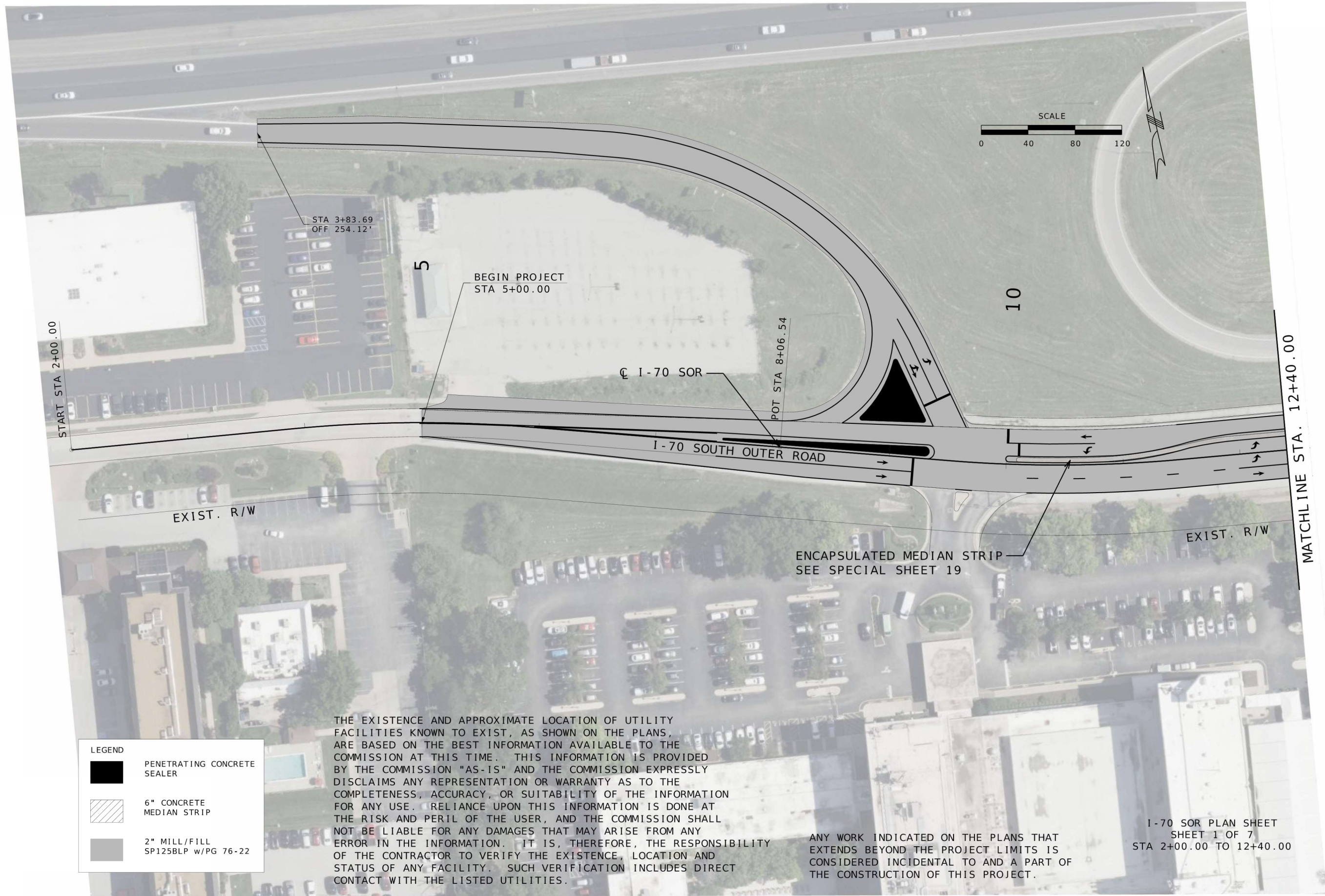
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ENGINEERING

SIGN	SIZE	AREA	QTY	TOTAL AREA	RELOC	TOTAL RELOC	SIGN	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL	RELOC	TOTAL RELOC	SIGN	DESCRIPTION	ITEM	TOTAL	EFFECTIVE: 07-01-2025		
IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.			IN.	SQ. FT.	EACH	SQ. FT.	EACH	SQ. FT.	NO.		NUMBER	QTY	DESCRIPTION			
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)		
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)		
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)		
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00	1	12.00				EXIT CLOSED	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)		
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)		
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00	4	32.00				END ROAD WORK	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)		
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)		
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL		
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122030		IMPACT ATTENUATOR (RELOCATION)		
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00	2	12.00				WORK ZONE (PLAQUE)	6122040		WORK ZONE CRASH CUSHION (NARROW)		
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122041		WORK ZONE CRASH CUSHION (RELOCATION)		
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6123001	1+++	TRUCK MOUNTED ATTENUATOR (TMA)		
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6161012		BUOYS (BOATS KEEP OUT)		
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)		
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)		
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161020		CHANNELIZER (DRUM-LIKE)		
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161022		CHANNELIZER (CONE)		
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161025	*50	CHANNELIZER (TRIM-LINE)		
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TR1.	6.93						YIELD	6161026		CHANNELIZER (VERTICAL PANEL)		
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161030	*12	TYPE 3 MOVEABLE BARRICADE		
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161033	*12	DIRECTION INDICATOR BARRICADE		
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00	2	24.00				SPEED LIMIT XX	6161040		FLASHING ARROW PANEL		
WO3-4	48X48	16.00	2	32.00				BE PREPARED TO STOP	R3-1	48X48	16.00	2	32.00				NO RIGHT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER		
WO3-5	48X48	16.00	2	32.00				SPEED LIMIT AHEAD	R3-2	48X48	16.00	2	32.00				NO LEFT TURN (SYMBOL)	6161055	*12	SEQUENTIAL FLASHING WARNING LIGHT		
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161070		TUBULAR MARKER		
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161095		RADAR SPEED ADVISORY SYSTEM		
WO4-1aL	48X48	16.00	1	16.00				MERGE (LEFT)	R3-7L	30X30	6.25	2	12.50				LEFT LANE MUST TURN LEFT			CHANGEABLE MESSAGE SIGN,		
WO4-1aR	48X48	16.00	1	16.00				MERGE (RIGHT)	R3-7R	30X30	6.25	2	12.50				RIGHT LANE MUST TURN RIGHT	6161096		COMMISSION FURNISHED/RETAINED		
WO5-1	48X48	16.00	1	16.00				ROAD/BRIDGE/RAMP NARROWS	R4-1	36X48	12.00						DO NOT PASS			CHANGEABLE MESSAGE SIGN WITHOUT COMM.		
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-2	36X48	12.00						PASS WITH CARE	6161098A		INTERFACE, CONTRACTOR FURNISHED/RETAINED		
WO5-5	48X48	16.00						NARROW LANES	R4-7a	36X48	12.00	1	12.00				KEEP RIGHT (HORIZONTAL ARROW)			CHANGEABLE MESSAGE SIGN WITH COMM.		
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-8a	36X48	12.00	1	12.00				KEEP LEFT (HORIZONTAL ARROW)	6161099	**5	INTERFACE, CONTRACTOR FURNISHED/RETAINED		
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM		
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1a	36X24	6.00						WRONG WAY	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS		
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)			TEMPORARY TRAFFIC BARRIER,		
WO8-1	48X48	16.00						BUMP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6173600D		CONTRACTOR FURNISHED/RETAINED		
WO8-2	48X48	16.00						DIP	R6-2L	24X30	5.00						ONE WAY (LEFT)			TEMP. TRAFFIC BARRIER ANCHORED,		
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2R	24X30	5.00						ONE WAY (RIGHT)	6173700B		CONTRACTOR FURNISHED/RETAINED		
WO8-4	48X48	16.00						SOFT SHOULDER	R9-9	24X12	2.00						SIDEWALK CLOSED			TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION		
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)									SIDEWALK CLOSED AHEAD,	6173706		CONTRACTOR FURNISHED/RETAINED		
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11L	24X18	3.00						(ARROW LEFT) CROSS HERE			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION,		
WO8-6c	48X48	16.00						TRUCK ENTRANCE									SIDEWALK CLOSED AHEAD,	6174000A		CONTRACTOR FURNISHED/RETAINED		
WO8-7	36X36	9.00						LOOSE GRAVEL	R9-11R	24X18	3.00						(ARROW RIGHT) CROSS HERE	6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER		
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)	6175011B		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED		
WO8-9	48X48	16.00						LOW SHOULDER	R11-2	48X30	10.00	1	10.00				RAMP CLOSED	6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS		
WO8-11	48X48	16.00						UNEVEN LANES									ROAD CLOSED XX MILES AHEAD	6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT		
WO8-12	48X48	16.00						NO CENTER LINE	R11-3a	60X30	12.50						LOCAL TRAFFIC ONLY	6208064A		TEMPORARY RAISED PAVEMENT MARKER		
WO8-15	48X48	16.00						GROOVED PAVEMENT	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC	9029400		TEMPORARY TRAFFIC SIGNALS		
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	CONST-3A	60X48	20.00						FINE SIGN	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING		
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)					
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	MISCELLANEOUS SIGNS									NOTES: * ALL TEMPORARY TRAFFIC CONTROL ITEMS ARE INCLUDED IN PAY ITEM 616-99-01, LUMP SUM TEMPORARY TRAFFIC CONTROL, UNLESS NOTED OTHERWISE IN THE PLANS. THE QUANTITIES SHOWN ARE AN ESTIMATE ONLY AND ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS. ** ITEMS NOT INCLUDED IN TEMPORARY TRAFFIC CONTROL - 1 LUMP SUM. +++ INDICATES THAT TMA(S) WILL BE REQUIRED FOR MOBILE OPERATIONS ON THIS PROJECT BUT AT NO DIRECT PAY. THE CONTRACTOR MAY CHOOSE TO USE TMA(S) AT STATIONARY LOCATIONS AT THEIR DISCRETION, BUT NO ADDITIONAL COMPENSATION WILL BE MADE.				
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-5	48X36	12.00	2	24.00				POINT OF PRESENCE					
WO10-1	42RND.	9.62						RAILROAD CROSSING	CONST-5	96X48	32.00						POINT OF PRESENCE					
WO12-1	24X24	4.00	1	4.00				DOUBLE DOWN ARROW (SYMBOL)	CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE					
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	4	64.00				ROAD/BRIDGE/RAMP WORK AHEAD														
WO20-2	48X48	16.00						DETOUR AHEAD														
WO20-3	48X48	16.00	1	16.00				RAMP CLOSED AHEAD														
WO20-4	48X48	16.00	2	32.00				ONE LANE ROAD AHEAD														
WO20-5	48X48	16.00	1	16.00				RIGHT/CENTER/LEFT LANE CLOSED AHEAD	CONSTRUCTION SIGNS					TOTAL		SUMMARY OF QUANTITIES SHEET 4 OF 4						
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD	616-10.10													
WO20-6a	48X48	16.00	1	16.00				RIGHT/CENTER/LEFT LANES CLOSED AHEAD	RELOCATED SIGNS													
WO20-7a	48X48	16.00	2	32.00				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	2	32.00				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	1	2.19				WET PAINT (ARROW PIVOTS)														



STATE OF MISSOURI

NICOLE A. KOEB HOOD

NUMBER

PE-2001018754

PROFESSIONAL ENGINEER

Nicole Hood

07/24/2026

NICOLE A. KOEB HOOD - CIVIL

MO-PE-2001018754

DATE PREPARED

7/23/2026

ROUTE

I-70 SOR

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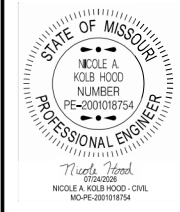
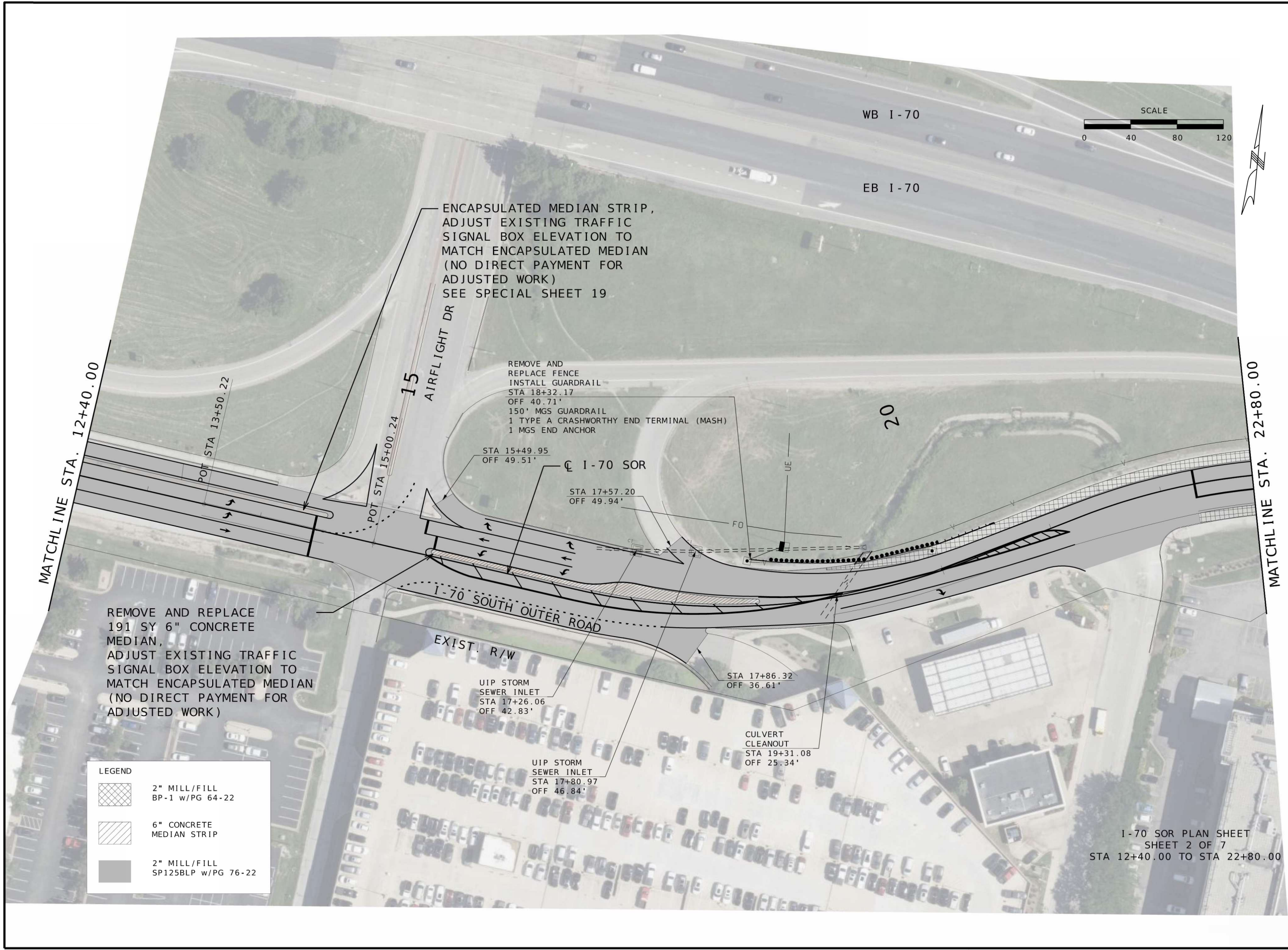
ENGINEERING

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.

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

I-70 SOR PLAN SHEET
SHEET 1 OF 7
STA 2+00.00 TO 12+40.00

pw://transystems-pw.bentley.com:transyscorp-pw1-hosted/Documents/Projects_2025/KC101/101250186/Road/Plan/004_PL_JSL0249_140_170-SOR.dgn 11:03:30 AM 7/23/2026



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 5
COUNTY ST. LOUIS	
JOB NO. JSL0249	
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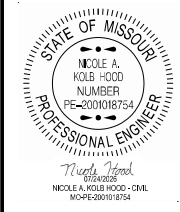
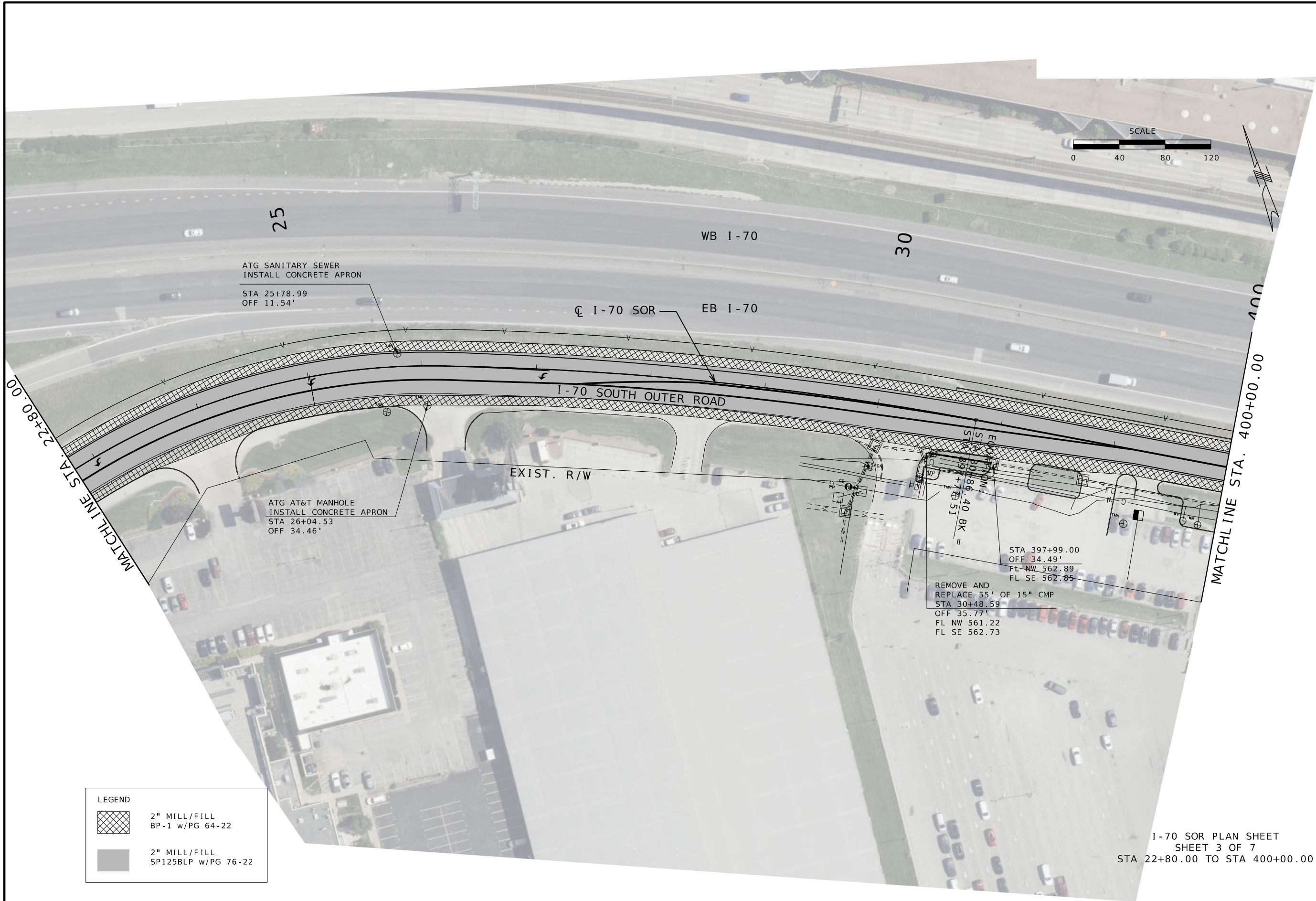
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ROUTE	STATE
I-70 SOR	MO
DISTRICT	SHEET NO.
SL	6

COUNTY
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JEFFERSON CITY, MO 65102
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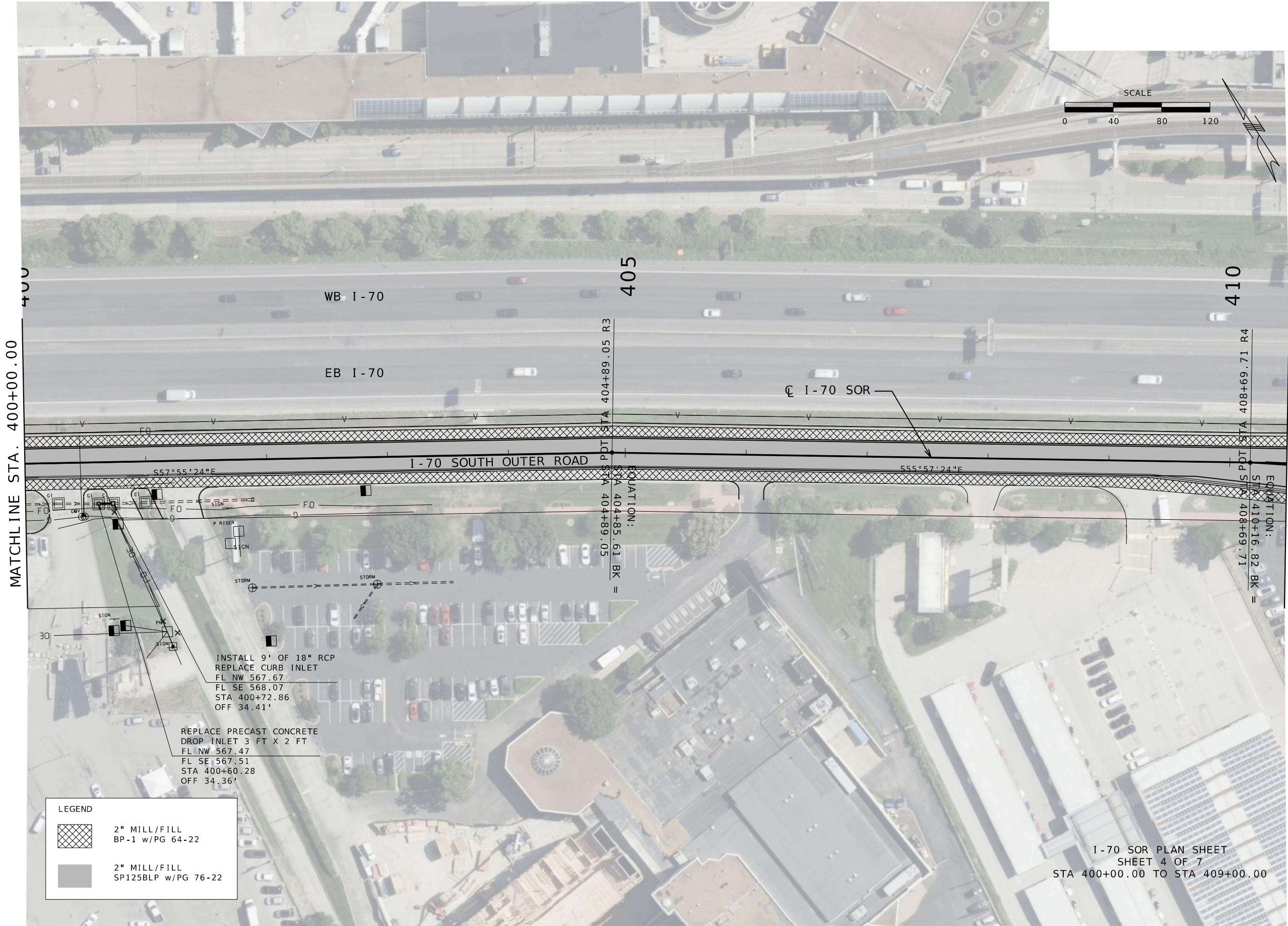
GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

LEGEND

	2" MILL/FILL BP-1 w/PG 64-22
	2" MILL/FILL SP125BLP w/PG 76-22

I-70 SOR PLAN SHEET
SHEET 3 OF 7
STA 22+80.00 TO STA 400+00.00



STATE OF MISSOURI

NICOLE A. KOEB HOOD

NUMBER PE-2001018754

PROFESSIONAL ENGINEER

Nicole A. Koeb Hood

NICOLE A. KOEB HOOD - CIVIL

MO-PE-2001018754

DATE PREPARED

7/23/2026

ROUTE

I-70 SOR

STATE

MO

DISTRICT

SL

SHEET NO.

7

COUNTY

ST. LOUIS

JOB NO.

JSL0249

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MODOT

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

GFT Infrastructure, Inc.

2400 PERSHING ROAD

SUITE 400

KANSAS CITY, MO 64108

PHONE: (816)329-8600

FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136

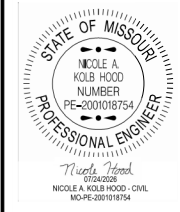
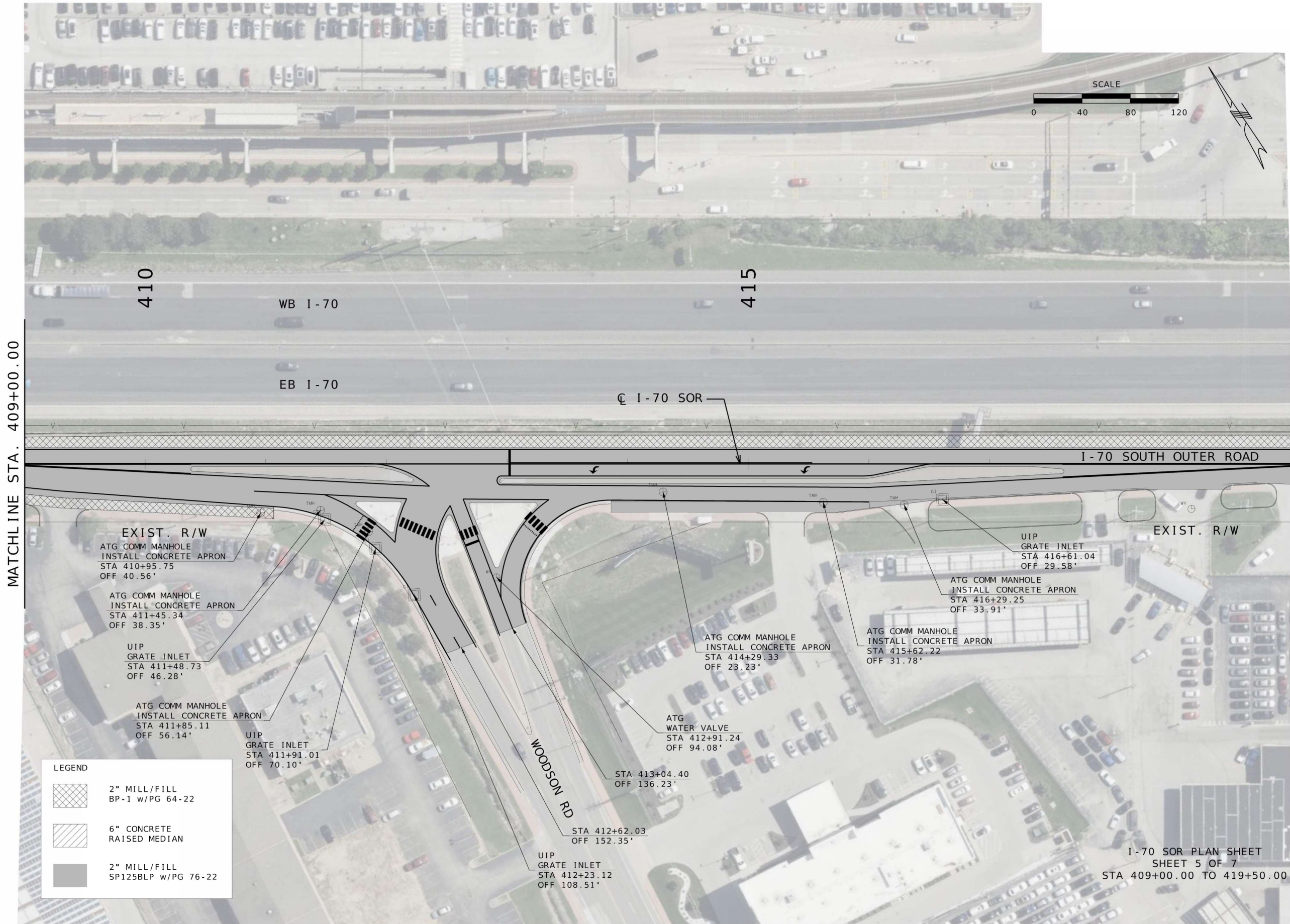
ENGINEERING

1-70 SOR PLAN SHEET

SHEET 4 OF 7

STA 400+00.00 TO STA 409+00.00

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DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 8
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

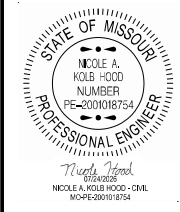
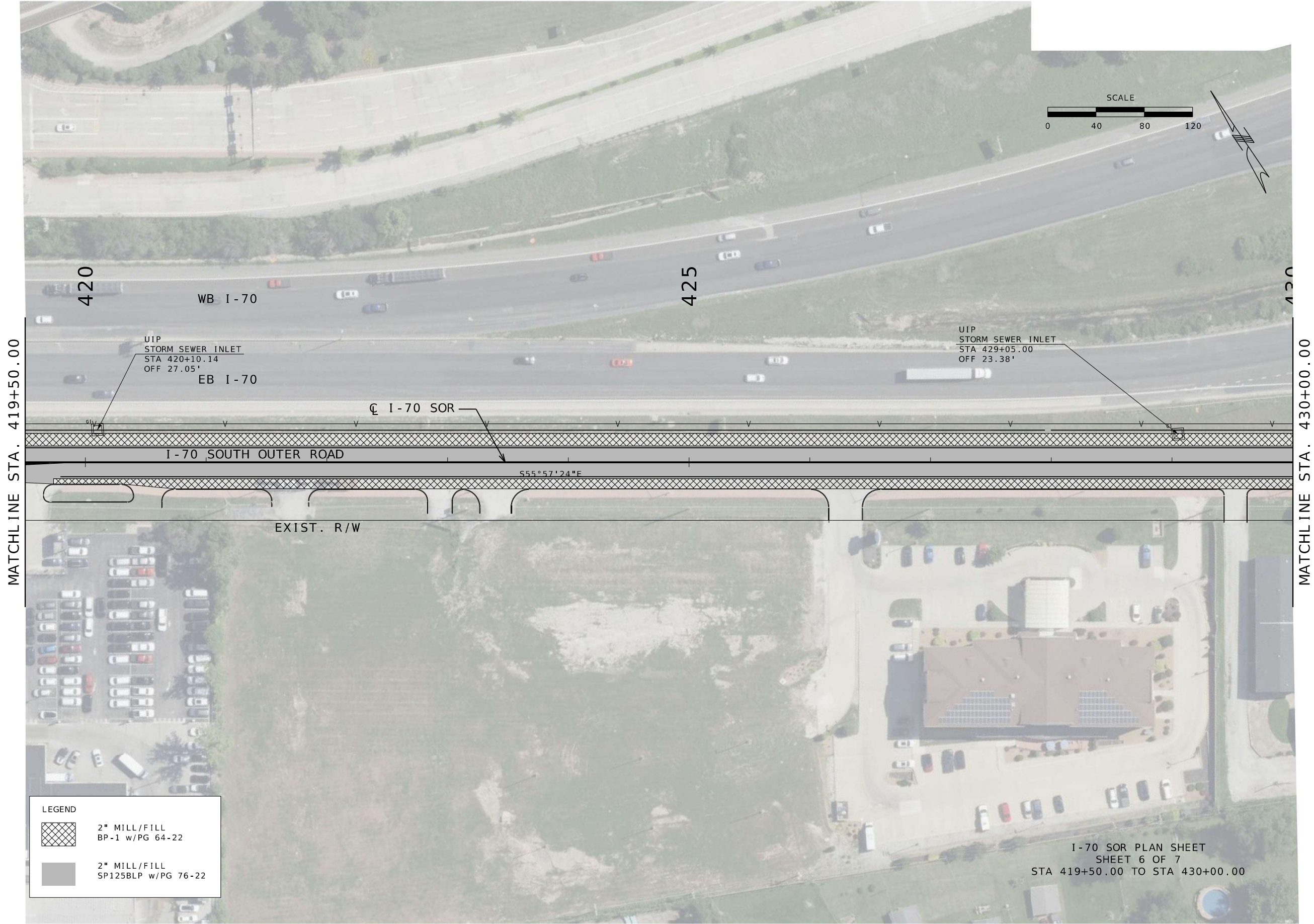
MoDOT

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
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GFT

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ENGINEERING



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 9
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

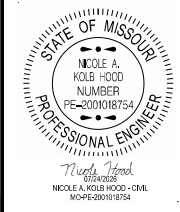
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

I-70 SOR PLAN SHEET
SHEET 6 OF 7
STA 419+50.00 TO STA 430+00.00



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 10
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

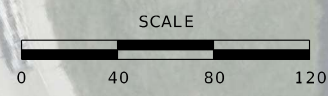
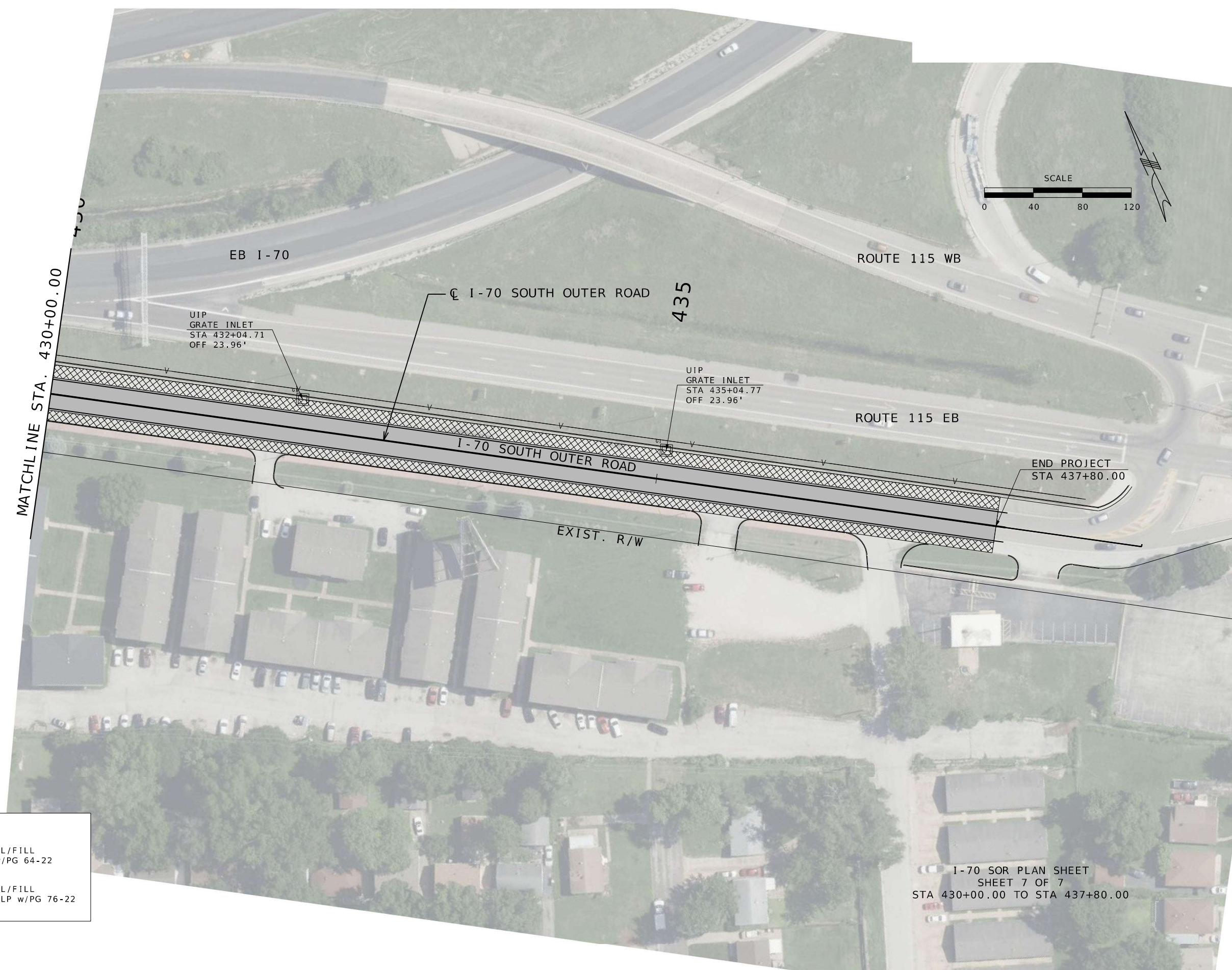
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



LEGEND

	2" MILL/FILL BP-1 w/PG 64-22
	2" MILL/FILL SP125BLP w/PG 76-22

I-70 SOR PLAN SHEET
SHEET 7 OF 7
STA 430+00.00 TO STA 437+80.00

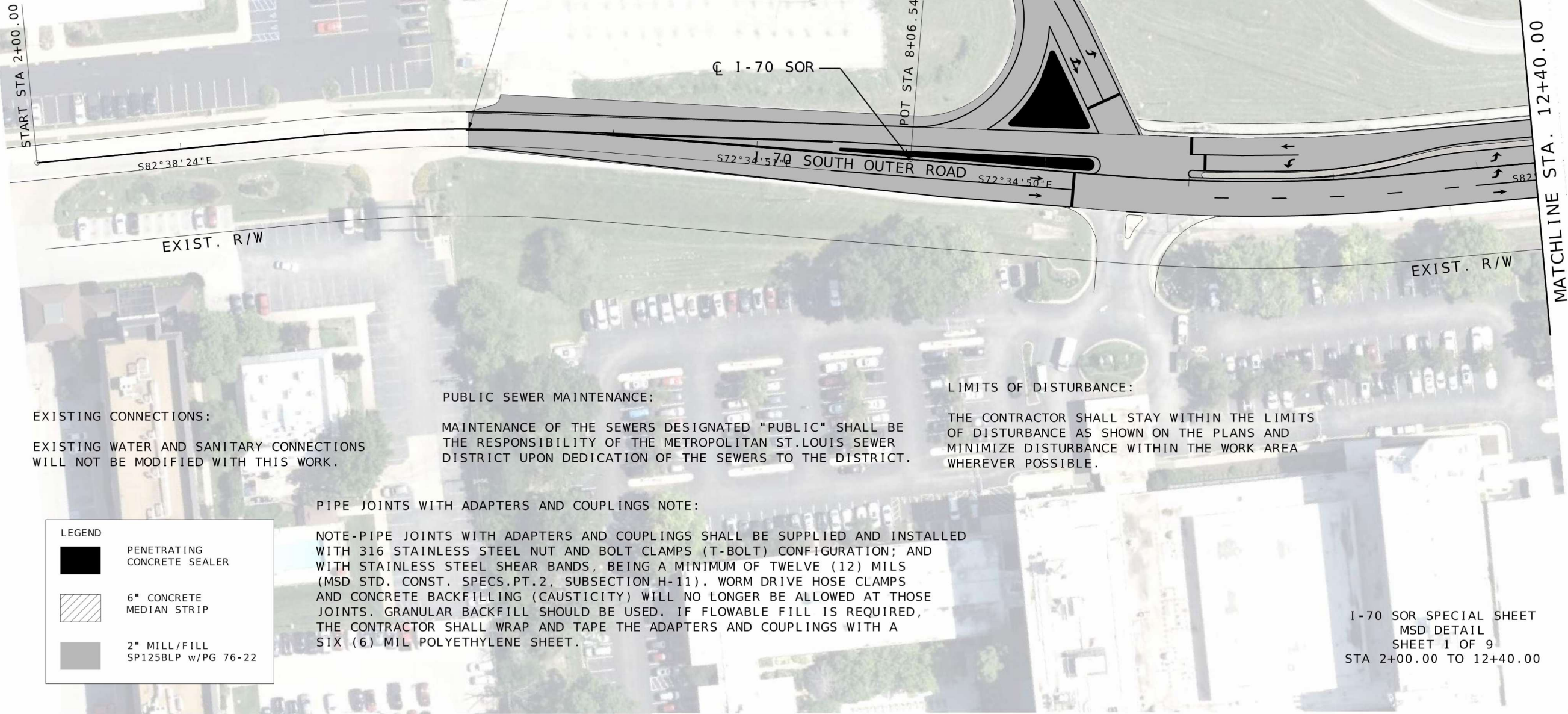
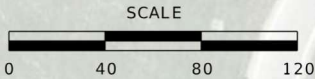
STANDARD CONSTRUCTION 2023 VERSION:

ALL STORM AND SANITARY SEWER STRUCTURES AND APPURTENANCES TO BE DEDICATED TO MSD, OR TO BE PRIVATE UNDER MSD INSPECTION, SHALL CONFORM TO THE METROPOLITAN ST. LOUIS SEWER DISTRICT, STANDARD CONSTRUCTION SPECIFICATIONS FOR SEWERS AND DRAINAGE FACILITIES, 2023.

SHOP DRAWINGS:

THE PROJECT ENGINEER SHALL PROVIDE SHOP DRAWINGS SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN MISSOURI FOR APPROVAL TO MSD PRIOR TO CONSTRUCTION OF THESE STRUCTURES. STRUCTURES SHALL BE DESIGNED TO SUSTAIN HS-20 LOADS. PLEASE CONTACT THE DISTRICT'S CONSTRUCTION MANAGEMENT DIVISION AT (314)335-2072 FOR QUESTIONS.

STRUCTURE LOCATIONS ARE APPROXIMATE FROM MSD BASE MAP.



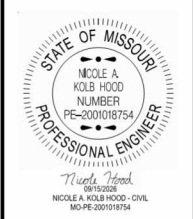
EXISTING CONNECTIONS:
EXISTING WATER AND SANITARY CONNECTIONS WILL NOT BE MODIFIED WITH THIS WORK.

PUBLIC SEWER MAINTENANCE:
MAINTENANCE OF THE SEWERS DESIGNATED "PUBLIC" SHALL BE THE RESPONSIBILITY OF THE METROPOLITAN ST. LOUIS SEWER DISTRICT UPON DEDICATION OF THE SEWERS TO THE DISTRICT.

LIMITS OF DISTURBANCE:
THE CONTRACTOR SHALL STAY WITHIN THE LIMITS OF DISTURBANCE AS SHOWN ON THE PLANS AND MINIMIZE DISTURBANCE WITHIN THE WORK AREA WHEREVER POSSIBLE.

PIPE JOINTS WITH ADAPTERS AND COUPLINGS NOTE:
NOTE-PIPE JOINTS WITH ADAPTERS AND COUPLINGS SHALL BE SUPPLIED AND INSTALLED WITH 316 STAINLESS STEEL NUT AND BOLT CLAMPS (T-BOLT) CONFIGURATION; AND WITH STAINLESS STEEL SHEAR BANDS, BEING A MINIMUM OF TWELVE (12) MILS (MSD STD. CONST. SPECS.PT.2, SUBSECTION H-11). WORM DRIVE HOSE CLAMPS AND CONCRETE BACKFILLING (CAUSTICITY) WILL NO LONGER BE ALLOWED AT THOSE JOINTS. GRANULAR BACKFILL SHOULD BE USED. IF FLOWABLE FILL IS REQUIRED, THE CONTRACTOR SHALL WRAP AND TAPE THE ADAPTERS AND COUPLINGS WITH A SIX (6) MIL POLYETHYLENE SHEET.

LEGEND	
	PENETRATING CONCRETE SEALER
	6" CONCRETE MEDIAN STRIP
	2" MILL/FILL SP125BLP w/PG 76-22



DATE PREPARED 9/15/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 11
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

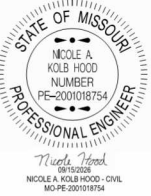
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

I-70 SOR SPECIAL SHEET
MSD DETAIL
SHEET 1 OF 9
STA 2+00.00 TO 12+40.00



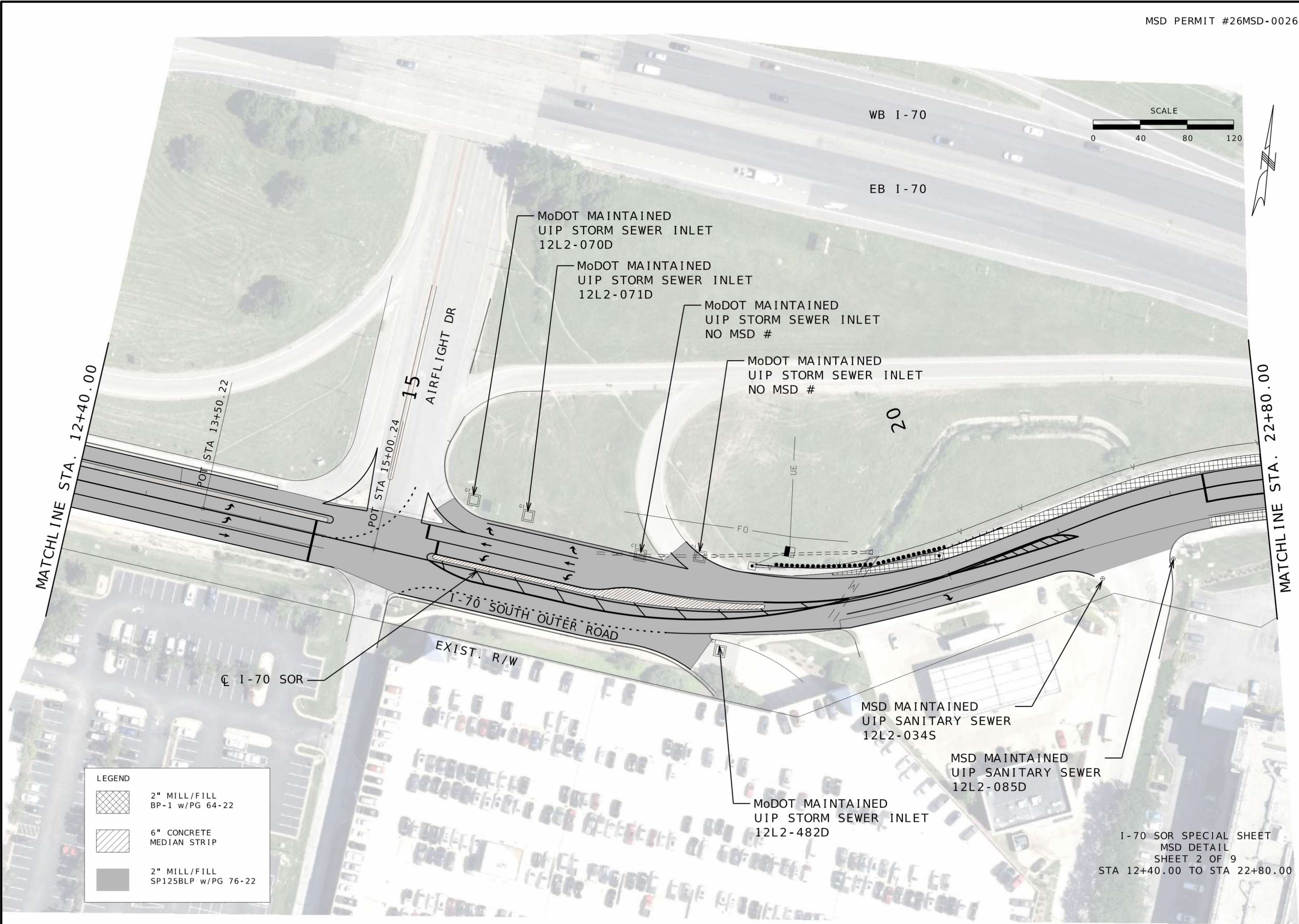
DATE PREPARED 9/15/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 12
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
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KANSAS CITY, MO 64108
PHONE: (816)329-8600
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



LEGEND	
	2" MILL/FILL BP-1 W/PG 64-22
	6" CONCRETE MEDIAN STRIP
	2" MILL/FILL SP125BLP W/PG 76-22

I-70 SOR SPECIAL SHEET
MSD DETAIL
SHEET 2 OF 9
STA 12+40.00 TO STA 22+80.00



DATE PREPARED 9/15/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 13
COUNTY ST. LOUIS	
JOB NO. JSL0249	
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)

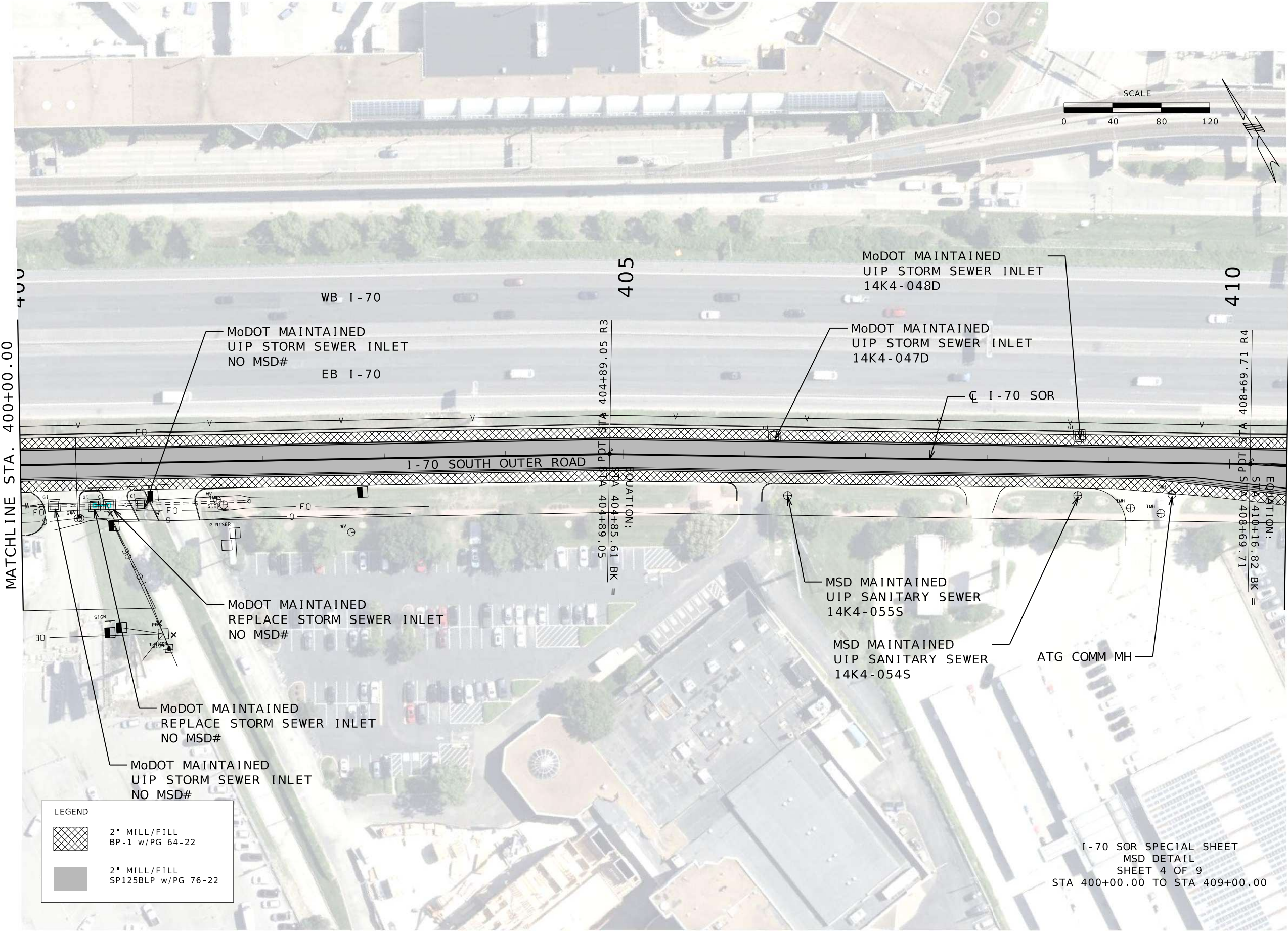
GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

LEGEND

	2" MILL/FILL BP-1 w/PG 64-22
	2" MILL/FILL SP125BLP w/PG 76-22

I-70 SOR SPECIAL SHEET
MSD DETAIL
SHEET 3 OF 9
STA 22+80.00 TO STA 400+00.00



DATE PREPARED 9/15/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 14
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

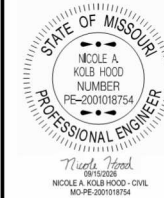
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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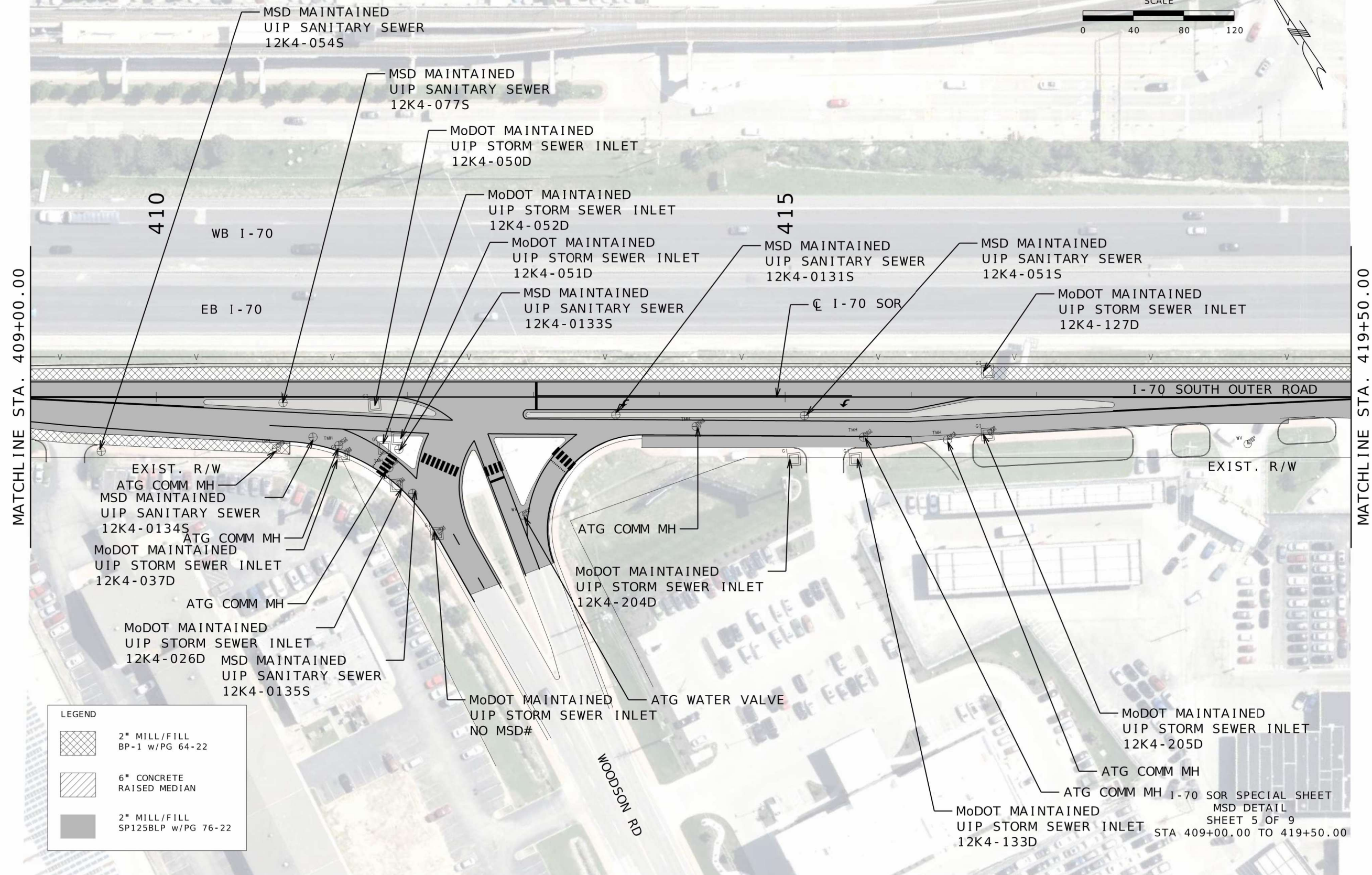
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



DATE PREPARED 9/15/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 15
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	

PROJECT NO.

BRIDGE NO.



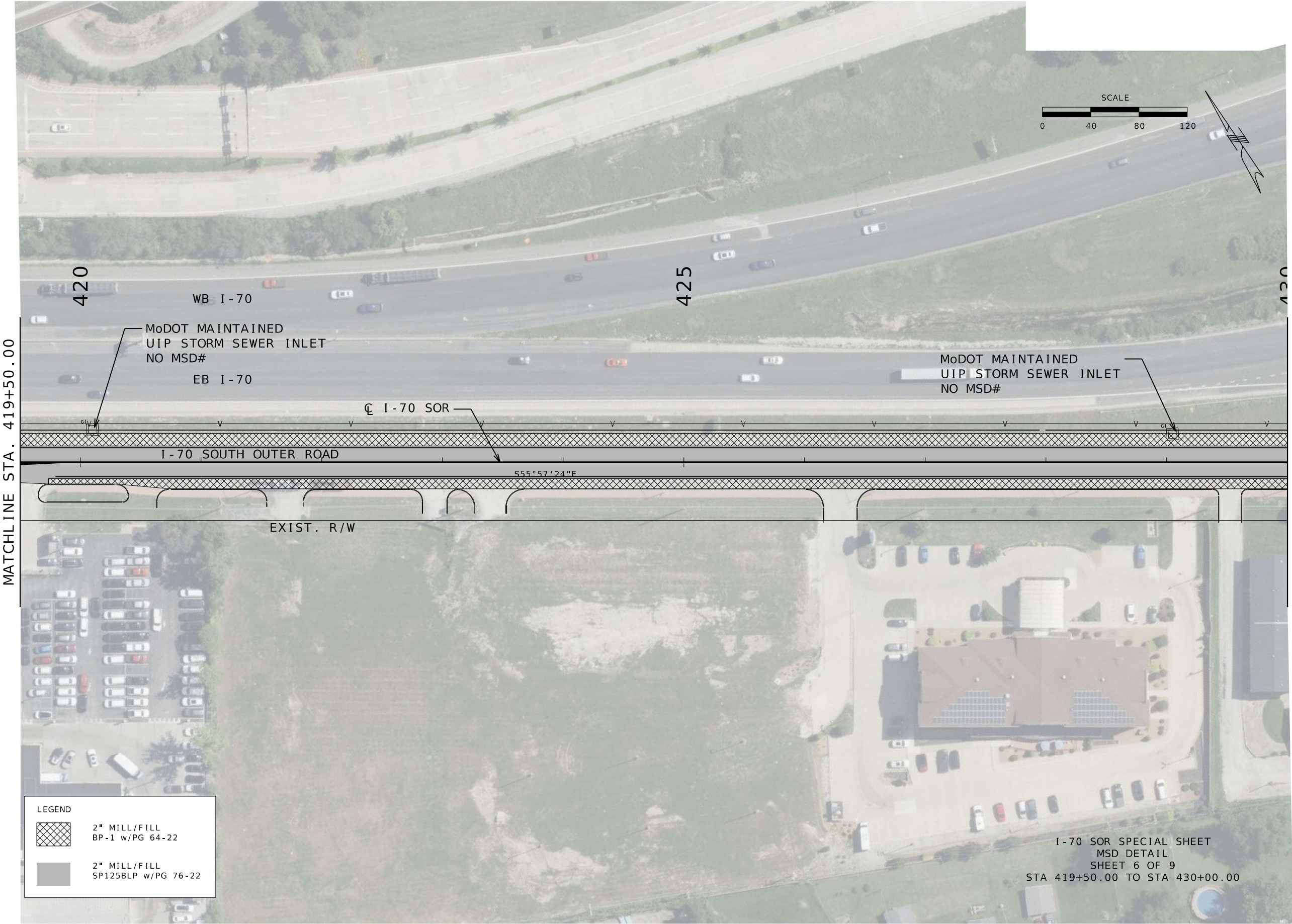
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

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

GFT Infrastructure, Inc.
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KANSAS CITY, MO 64108
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



MATCHLINE STA. 419+50.00

MATCHLINE STA. 430+00.00

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



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ENGINEERING



DATE PREPARED
7/23/2026
ROUTE
I-70 SOR
STATE
MO
DISTRICT
SL
SHEET NO.
16
COUNTY
ST. LOUIS
JOB NO.
JSL0249
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



GFT Infrastructure, Inc.
2400 PERSHING ROAD
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KANSAS CITY, MO 64108
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 17
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

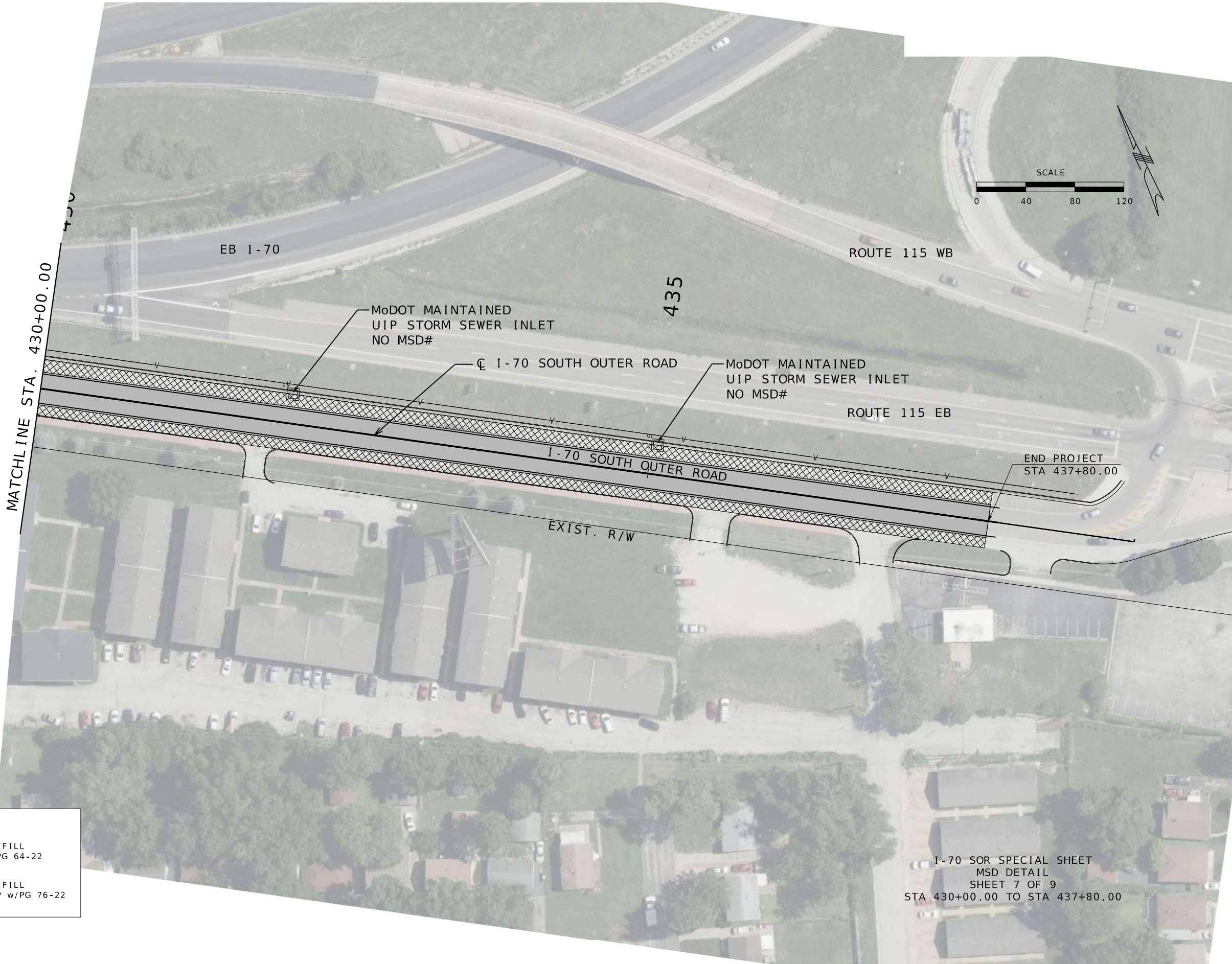
105 WEST CAPITOL
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1-888-ASK-MODOT (1-888-275-6636)

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SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

LEGEND

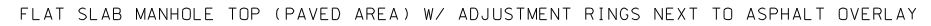
	2" MILL/FILL BP-1 w/PG 64-22
	2" MILL/FILL SP125BLP w/PG 76-22



I-70 SOR SPECIAL SHEET
MSD DETAIL
SHEET 7 OF 9
STA 430+00.00 TO STA 437+80.00



SECTION B-B



SECTION B-B



#6 BAR

R= 3" R= 3"

A MINUS 11"

FOR MANHOLE APRON

BENDING DIAGRAM FOR B-BARS



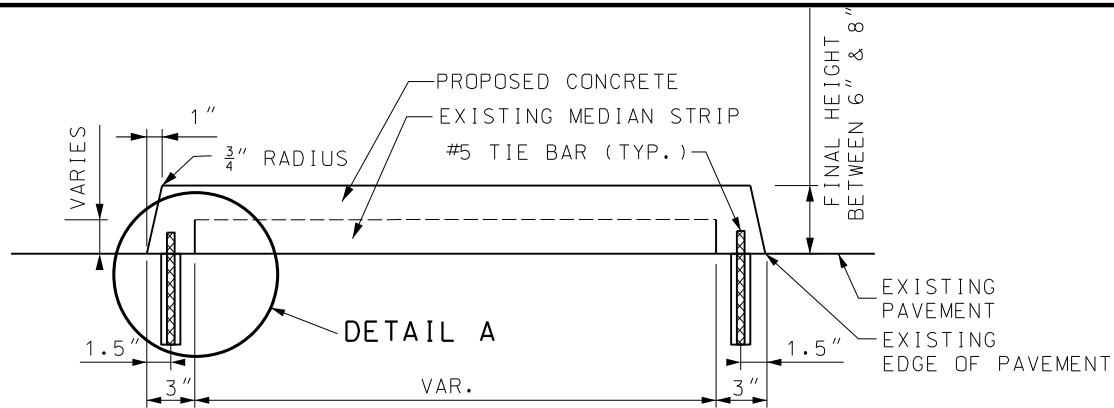
NOTE: INSTALL 'C' BARS VERTICALLY INTO MANHOLE APRON CONCRETE. PROVIDE MIN. 1.5" CLEARANCE FROM TOP OF PAVEMENT & BOTTOM OF APRON. LENGTH OF 'C' BARS FOR 'F' DIMENSION SHALL BE 6". BAR LENGTH MAY VARY. 'C' BARS SHALL BE TIED TO 'A' REINFORCEMENT. 'B' BARS SHALL BE TIED TO 'A' REINFORCEMENT. 'A' BAR REINFORCEMENT SHALL HAVE 1.5" CLEARANCE TO EDGE OF APRON.

1. IF MANHOLE STRUCTURE DOES NOT HAVE FRAME & COVER BUT INSTEAD THE ENTIRE STRUCTURE REACHES THE TOP OF ROADWAY, THEN THIS SHEET SHALL NOT BE USED.
2. THIS SHEET SHALL TYPICALLY BE USED WHERE THE MANHOLE FRAME & COVER NEED TO BE RAISED TO GRADE, BUT CAN BE USED FOR NEW STRUCTURES AS WELL, PARTICULARLY FOR STRUCTURES INSTALLED WITHIN ASPHALT PAVEMENT.
3. THE CONTRACTOR SHALL USE 2 LAYERS OF 'A' & 'B' BAR REINFORCEMENT AS LONG AS 'F' THICKNESS NOTED ABOVE IS GREATER THAN OR EQUAL TO 9".
4. PAYMENT FOR REINFORCED CONCRETE MANHOLE APRON SHALL BE MADE PER EACH AND SHALL INCLUDE ALL NECESSARY REINFORCEMENT AND SAW CUTS OF EXISTING OR PROPOSED PAVEMENT.
5. MIN. DIMENSIONS OF 'A' AND 'B' IS THE FOLLOWING: 18" WALL + MANHOLE (INCLUDING WALL THICKNESS) + 18".
6. CONTRACTOR SHALL PROVIDE EITHER A SQUARE OR RECTANGLE SHAPED FULL DEPTH SAWCUT AROUND THE CONCRETE MANHOLE APRON AFTER CONSTRUCTION.
THE CONTRACTOR SHALL NOT DO A CIRCULAR SAWCUT AROUND THE REINFORCED CONCRETE MANHOLE APRON.
7. CONCRETE USED FOR MANHOLE APRON SHALL BE THE SAME AS THAT USED FOR FULL DEPTH PAVEMENT REPAIRS. PLEASE SEE SECTION 613.10 OF THE STANDARD SPECIFICATIONS FOR ADDITIONAL DETAILS. CONTRACTOR MAY BE ALLOWED TO USE HIGH EARLY STRENGTH CONCRETE, WITH APPROVAL FROM THE ENGINEER.
8. THE CONTRACTOR SHALL RAISE THE MANHOLE FRAME & COVER USING CONCRETE RINGS AND APPROVED MECHANICAL ADJUSTMENT DEVICES TO FINISH GRADE MATCHING PROFILE AND CROSS SLOPE.
9. REINFORCING BARS IN PAVEMENT SHALL BE EPOXY COATED AND SECURELY TIED TOGETHER AND FASTENED TO AVOID ANY POSSIBLE DISPLACEMENT DURING THE PLACING OF CONCRETE.
10. NO DIRECT PAYMENT WILL BE MADE FOR PROVIDING, CUTTING OR BENDING REINFORCING STEEL.
11. THE CONTRACTOR SHALL SEAL JOINTS FORMED BETWEEN THE INTERFACE OF THE NEW APRON AND THE ASPHALT PAVEMENT ALONG WITH JOINTS CREATED BY THE OVERCUT OF SAWING FOR THE REMOVAL OF PAVEMENT. SEE THE JSP FOR ADDITIONAL INFORMATION.

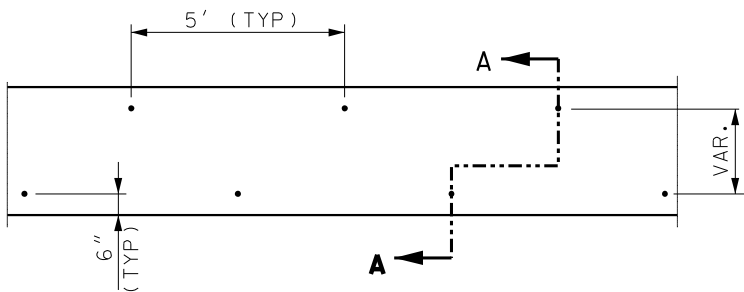


**SPECIAL SHEET
CONCRETE MANHOLE APRON
FOR ASPHALT PAVING
SHEET 8 OF 9**

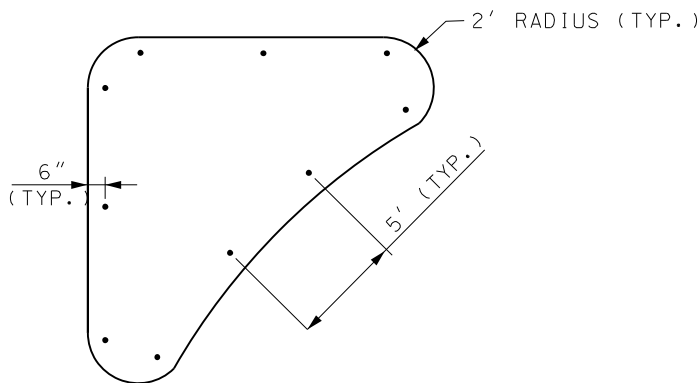




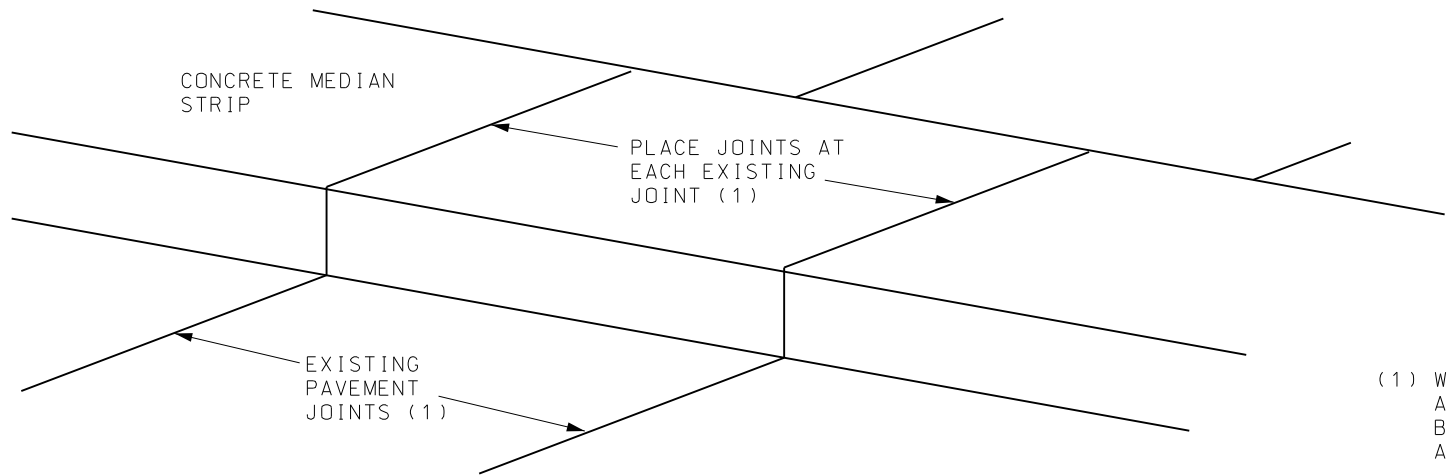
SECTION A-A
ENCAPSULATED MEDIAN STRIP



TIE BAR LOCATIONS FOR
CONCRETE MEDIAN STRIP

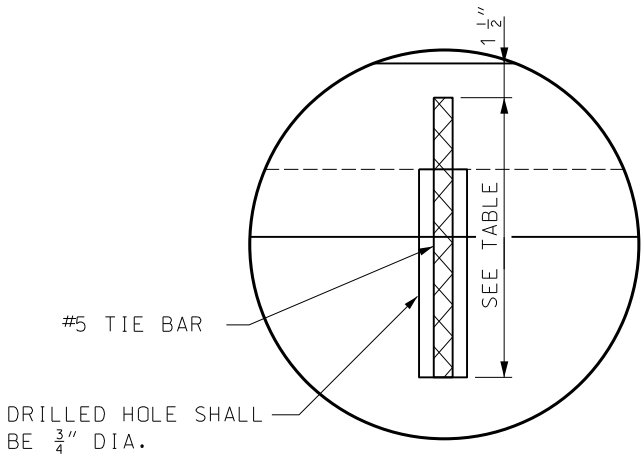


TIE BAR LOCATIONS FOR
CONCRETE MEDIAN STRIP (ISLAND)



CONCRETE MEDIAN STRIP JOINT LOCATION

(1) WHEN THERE ARE NO VISIBLE JOINTS IN THE ADJACENT PAVEMENT, THE JOINT SPACING WILL BE EQUAL TO THE MEDIAN STRIP WIDTH, WITH A MINIMUM SPACING OF 10'.



DETAIL A

MEDIAN HEIGHT	BAR LENGTH
3"	8"
4"	9"
6"	11"
8"	13"

GENERAL NOTES:

TIE BARS SHALL BE EPOXY COATED, DEFORMED REINFORCING BARS MEETING THE REQUIREMENTS OF SECTION 710 AND 1057.

BONDING FOR TIE BARS SHALL BE EPOXY OR POLYESTER BONDING AGENTS AS SPECIFIED IN SECTION 1039.

THE FACE OF THE MEDIAN MAY BE CONSTRUCTED WITHOUT BATTER WHEN CONSTRUCTED ON A RADIUS OF 6' OR LESS.

WHEN CONCRETE MEDIANS ARE CONSTRUCTED DIRECTLY BENEATH GUARDRAIL, THE MEDIAN HEIGHT WILL BE 4".

AT LEAST 3" OF COVERAGE ON SIDES AND TOP OF EXISTING ISLAND.

FINAL HEIGHT TO BE BETWEEN 6 AND 8 INCHES.

ALL LABOR, EQUIPMENT, AND MATERIALS NECESSARY FOR COMPLIANCE WITH THIS PROVISION WILL BE PAID FOR AT THE CONTRACT UNIT BID PRICE FOR ITEM 608-99.05, ENCAPSULATED MEDIAN STRIP, PER SQ. YD.

SPECIAL SHEET
ENCAPSULATED MEDIAN STRIP
SHEET 9 OF 9



DATE PREPARED	
ROUTE 1-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 19
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

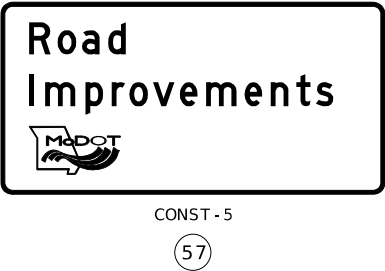
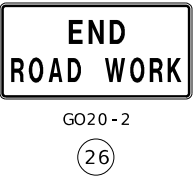
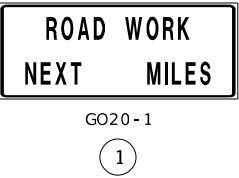
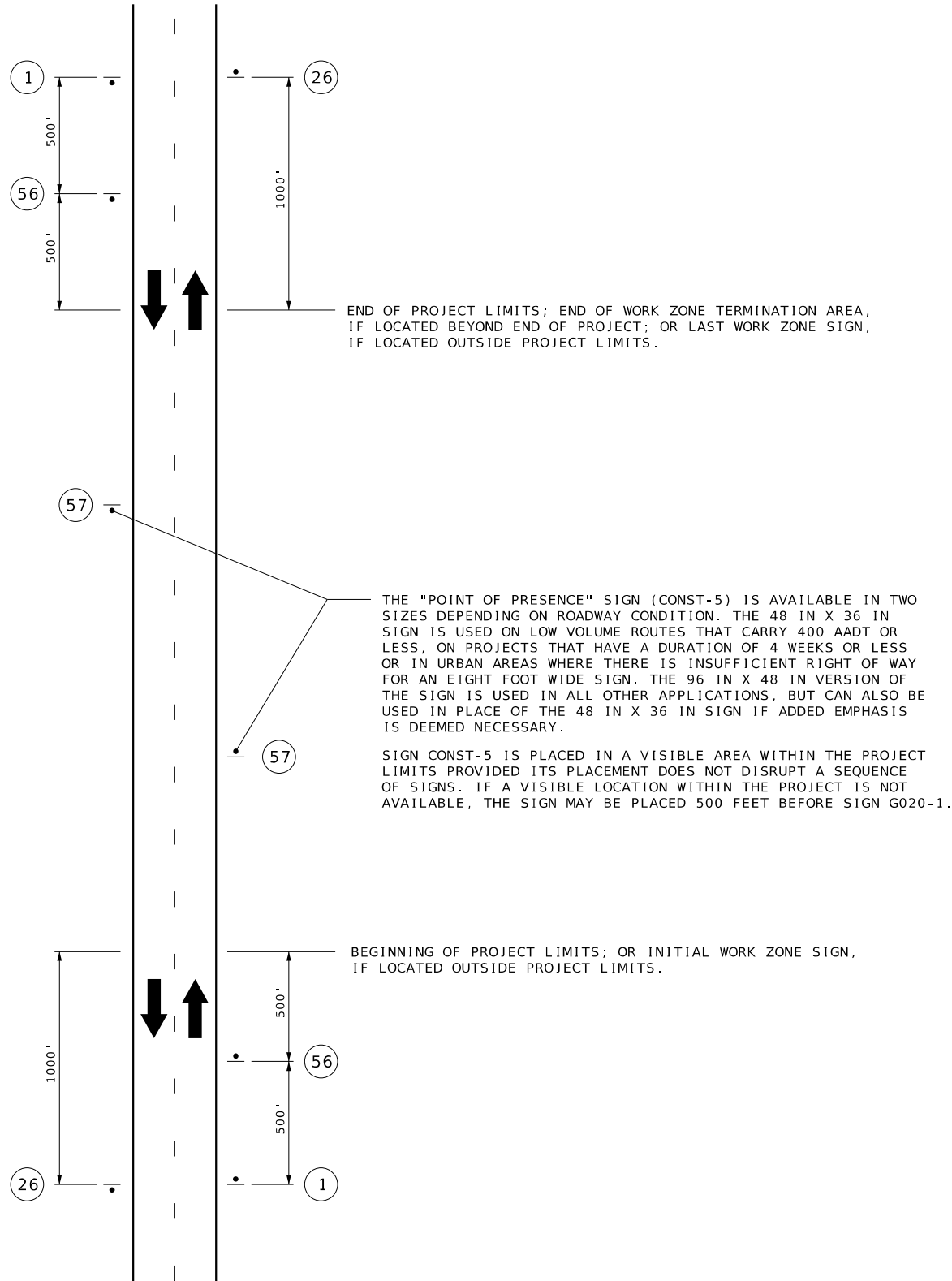
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
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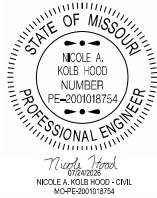
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

NOT TO SCALE



TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 20
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

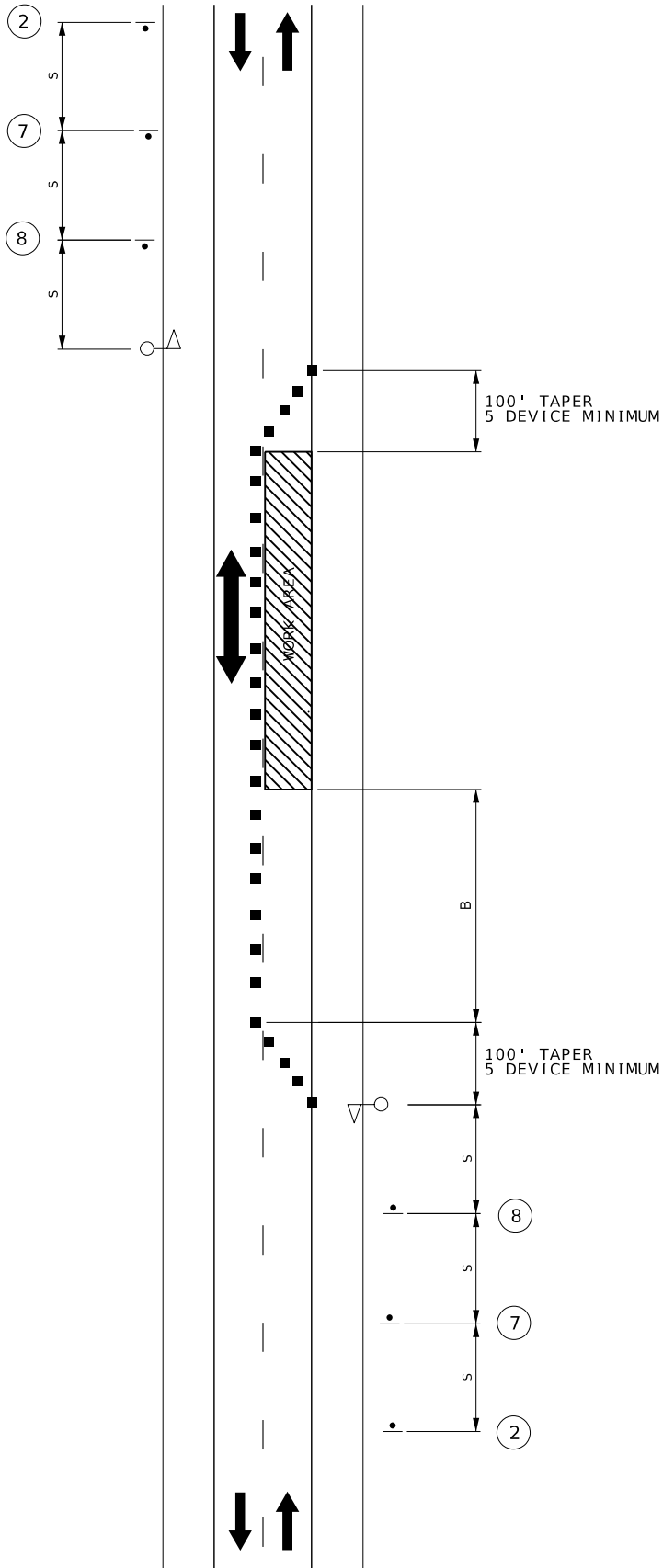
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

BEGIN/END OF PROJECT SIGNING
UNDIVIDED HIGHWAY

TEMPORARY TRAFFIC CONTROL
TA-BEGIN/END PROJECT
SHEET 1 OF 11



LANE CLOSURE
ON TWO-LANE ROAD
USING FLAGGERS



WO20 - 1

2



WO20 - 4

7



WO20 - 7a

8

NOT TO SCALE



DATE PREPARED
7/23/2026

ROUTE STATE
I-70 SOR MO

DISTRICT SHEET NO.
SL 22

COUNTY
ST. LOUIS

JOB NO.
JSL0249

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

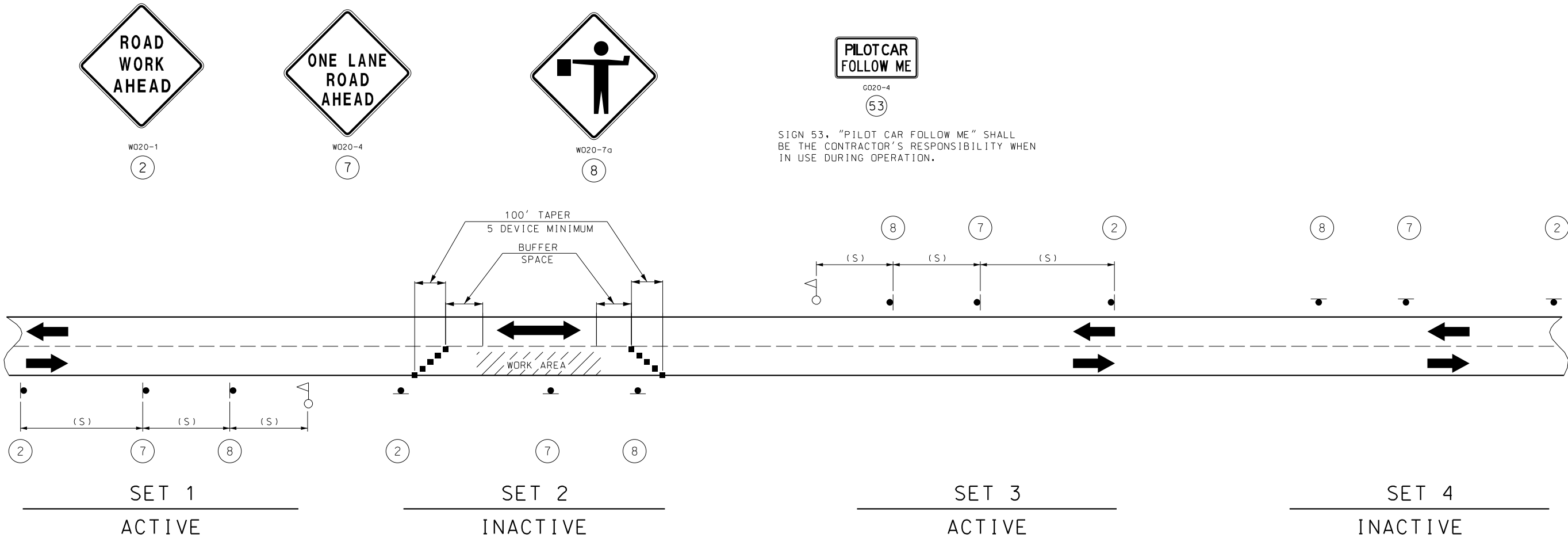
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

GFT Infrastructure, Inc.
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SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

NOT TO SCALE



NOTES:

THIS PLAN IS FOR DAYLIGHT FLAGGING OPERATIONS ONLY. WHEN NIGHT WORK IS REQUIRED, OR OTHERWISE ALLOWED BY THE ENGINEER, WORK ZONE LIGHTING SHALL BE PROVIDED IN ACCORDANCE WITH SEC 616.5.2.

CHANNELIZING DEVICES LOCATED DOWNSTREAM OF THE ONE-LANE, TWO-WAY TAPER ARE OPTIONAL. THESE DEVICES SHOULD BE ELIMINATED WHEN THEIR USE WILL REDUCE THE USABLE LANE WIDTH, INCLUDING ANY ACCEPTABLE SHOULDERS, TO LESS THAN 10' OR WILL SIGNIFICANTLY AFFECT THE RESURFACING OPERATION.

SIGN SETS 1 AND 3 ARE ACTIVE AND (I.E., SIGNS FACE ONCOMING TRAFFIC) SIGN SETS 2 AND 4 ARE INACTIVE (I.E., SIGNS DO NOT FACE EITHER DIRECTION OF TRAFFIC) WHEN THE RESURFACING OPERATION IS LOCATED BETWEEN SIGN SETS 1 AND 3.

WHEN SIGN SETS 2 AND 4 ARE ACTIVE, SIGN SETS 1 AND 3 BECOME INACTIVE AND ARE ADVANCED TO BECOME SETS 2 AND 4 WITH SIGN LEGENDS TURNED AWAY FROM BOTH DIRECTIONS OF TRAFFIC. WHEN THE RESURFACING OPERATION ADVANCES TO BETWEEN SIGN SETS 2 AND 4, SIGN SETS 2 AND 4 BECOME ACTIVE (I.E., NEW SIGN SETS 1 AND 3) AND SIGN SETS 1 AND 3 ADVANCED IN THE DIRECTION OF THE OPERATION (I.E., NEW SIGN SETS 2 AND 4).

TEMPORARY TRAFFIC CONTROL

SHEET 4 OF 11

STATE OF MISSOURI

PROFESSIONAL ENGINEER

MOPE-2001018754

NICOLE A. KOEB-HOOD

NUMBER

PE-2001018754

DATE PREPARED

7/23/2026

ROUTE

I-70 SOR

STATE

MO

DISTRICT

SL

SHEET NO.

23

COUNTY

ST. LOUIS

JOB NO.

JSL0249

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)

GFT Infrastructure, Inc.

2400 PERSHING ROAD

SUITE 400

KANSAS CITY, MO 64108

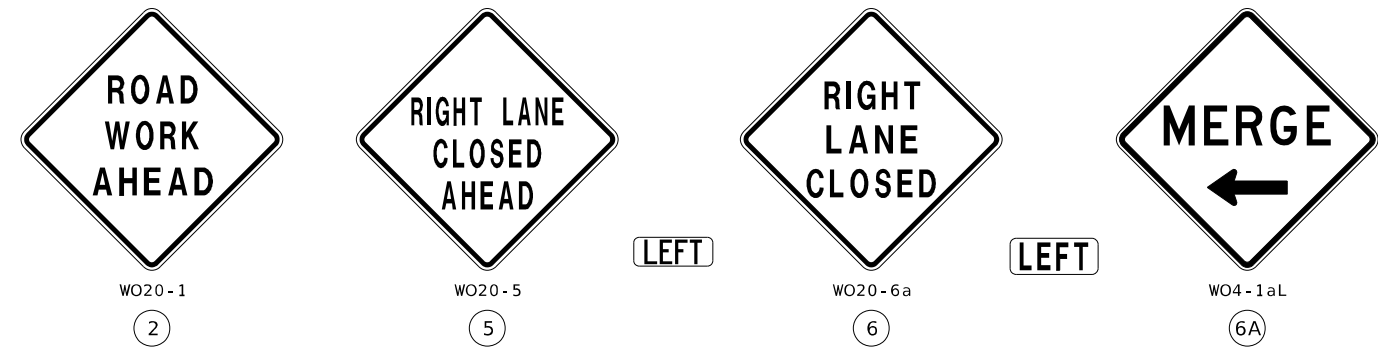
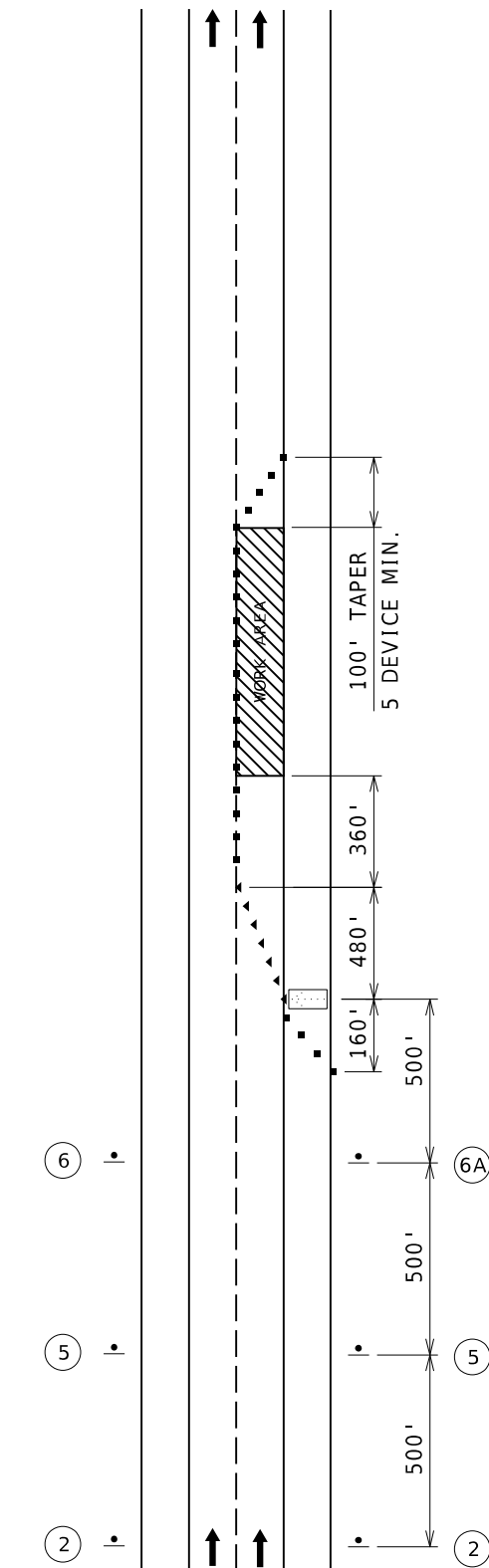
PHONE: (816)329-8600

FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136

ENGINEERING

pw://transystems-pw.bentley.com:transyscorp-pw1-hosted/Documents/Projects_2025/KC101/101250186/Road/Traffic_Control_TAs/023_TA-10_resurfacing.dgn 8:53:15 AM 7/23/2026



TRAFFIC CONTROL LEGEND

-  S I G N (S I N G L E S I D E D)
 C H A N N E L I Z E R
 C O N E

NOT TO SCALE



DATE PREPARED
8/5/2026

ROUTE	STATE
I - 70 SOR	MO
DISTRICT	SHEET NO.
SL	24

COUNTY
ST. LOUIS

JOB NO.
JSL0249

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

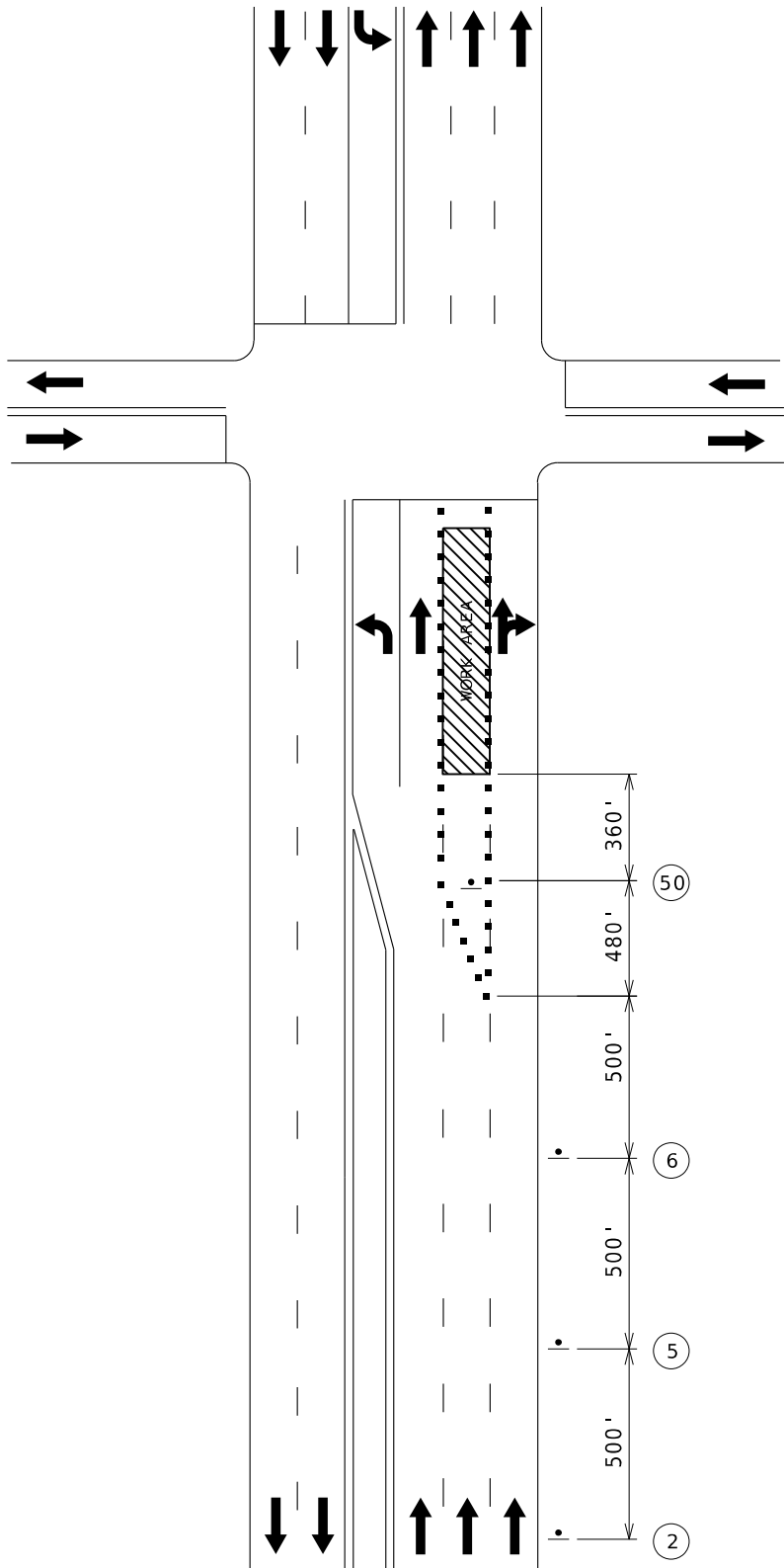
[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
AUTHORITY # 001136

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

REV.

NOT TO SCALE



LANE CLOSURE ON
NEAR SIDE OF INTERSECTION



WO20-1
2



WO20-5
5

CENTER
OR
LEFT



WO20-6a
6

CENTER
OR
LEFT



WO12-1
50

TEMPORARY TRAFFIC CONTROL

SHEET 6 OF 11



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 25
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

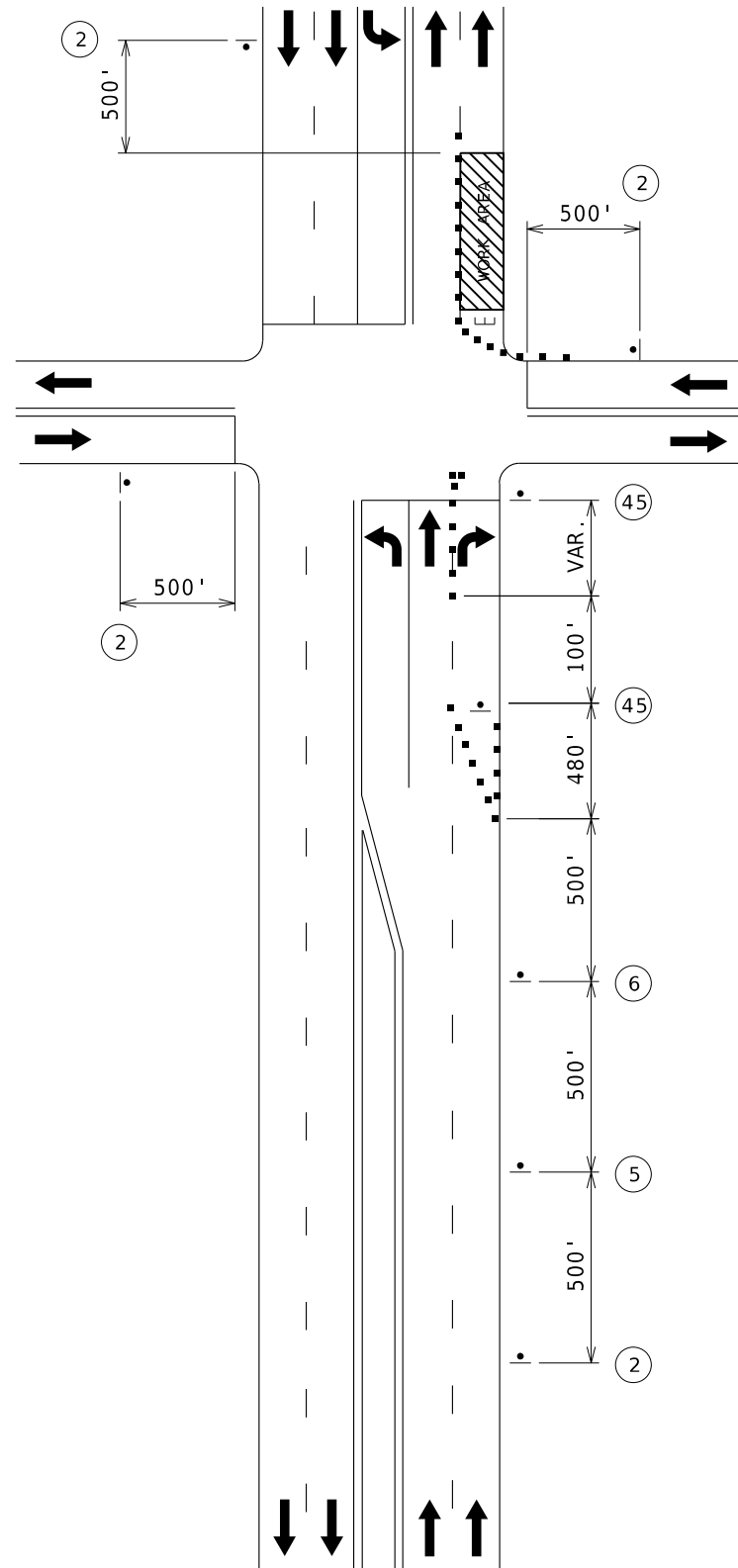
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

NOT TO SCALE



RIGHT LANE CLOSURE ON FAR SIDE OF INTERSECTION



WO20-1



WO20-5



WO20-6a



CENTER
OR
LEFT

CENTER
OR
LEFT



R3-7R



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ⌈ BARRICADE

STATE OF MISSOURI
NICOLE A. KOLB HOOD
NUMBER
PE-2001018754
PROFESSIONAL ENGINEER

Nicole Hood
05242028
NICOLE A. KOLB HOOD - CIVIL
MO-PE-2001018754

DATE PREPARED _____

7/23/2026

ROUTE	STATE
I - 70 SOR	MO

DISTRICT	SHEET NO
SL	26

COUNTY

ST. LOUIS

JOB NO.
JSL0249

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

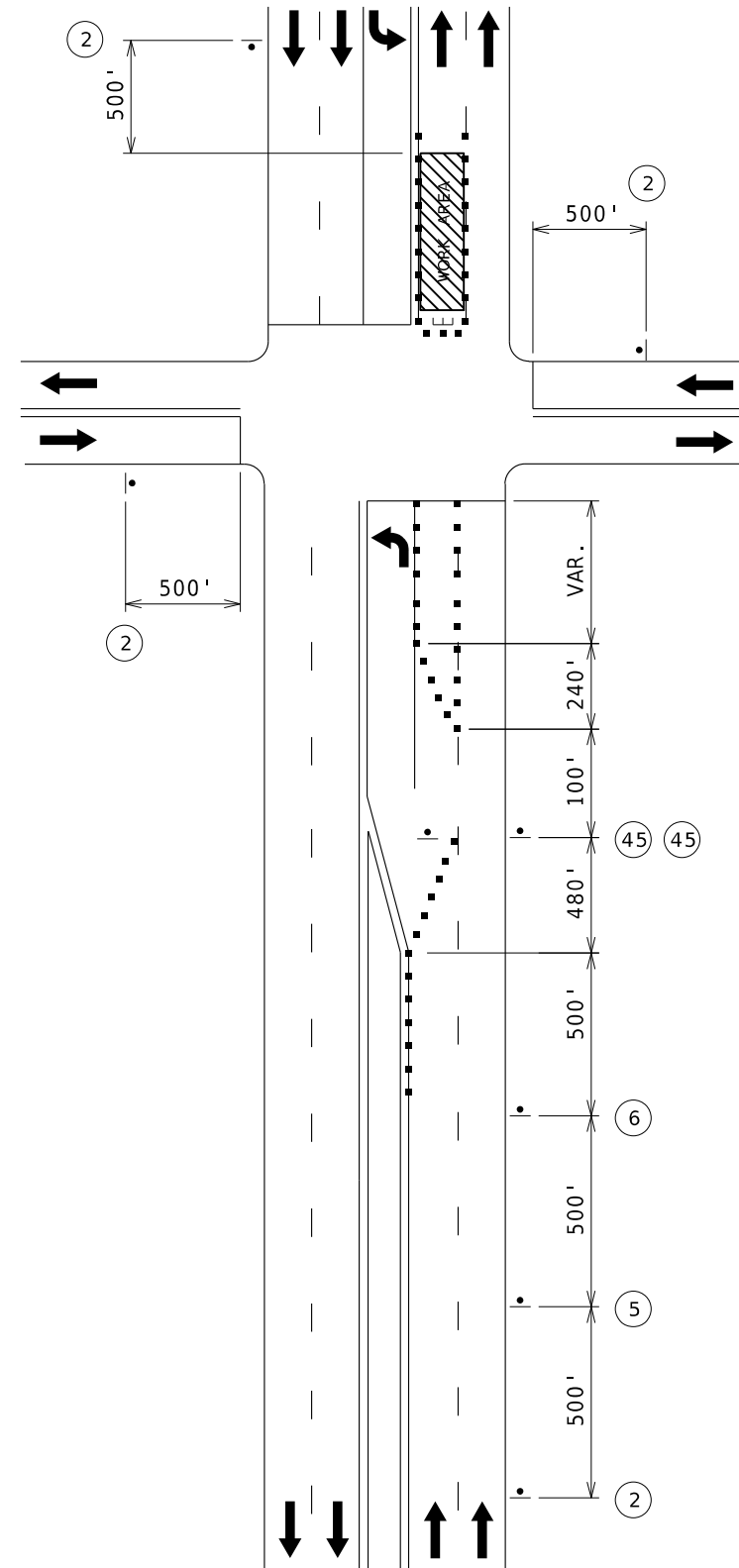
GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
AUTHORITY # 001136

GFT

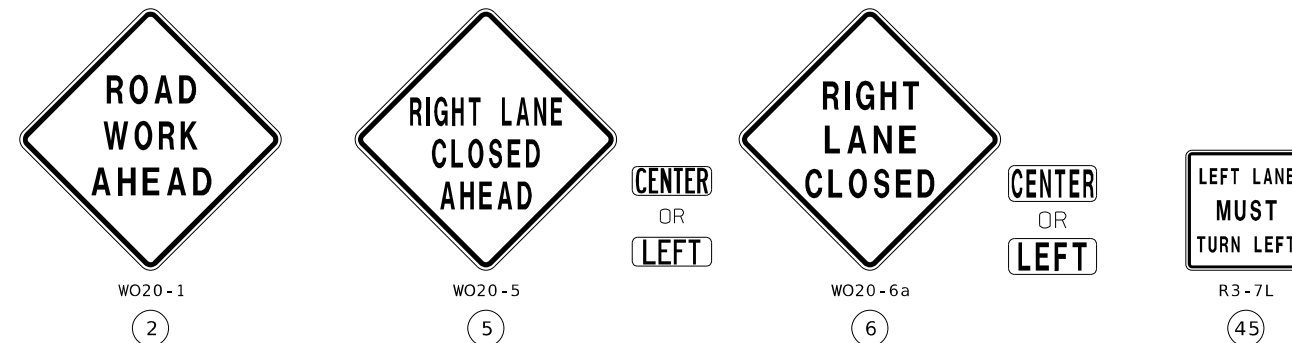
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

REV.

NOT TO SCALE



LEFT LANE CLOSURE ON FAR SIDE OF INTERSECTION



TRAFFIC CONTROL LEGEND

- SIGN (SINGLE SIDED)
- CHANNELIZER
- ⌈ BARRICADE

TEMPORARY TRAFFIC CONTROL

SHEET 8 OF 11



DATE PREPARED

7/23/2026

ROUTE	STATE
_____	MO

I - 70 SOR	MO
------------	----

DISTRICT	SHEET NO.
CL	27

SL	27
COUNTY	

COUNTY
ST. LOUIS

ST. LOUIS
JOB NO.

JOB NO.
ISI 0249

CONTRACT ID.

CONTRACT ID:

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

GFT
GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

STATE OF MISSOURI
NICOLE A.
KOLB HOOD
NUMBER
PE-2001018754
PROFESSIONAL ENGINEER

Nicole Hood
01242025
NICOLE A. KOLB HOOD - CIVIL
MO-PE-2001018754

DATE PREPARED	
7/23/2026	
ROUTE	STATE
I-70 SOR	MO
DISTRICT	SHEET NO.
SL	28
COUNTY	
ST. LOUIS	
JOB NO.	
JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

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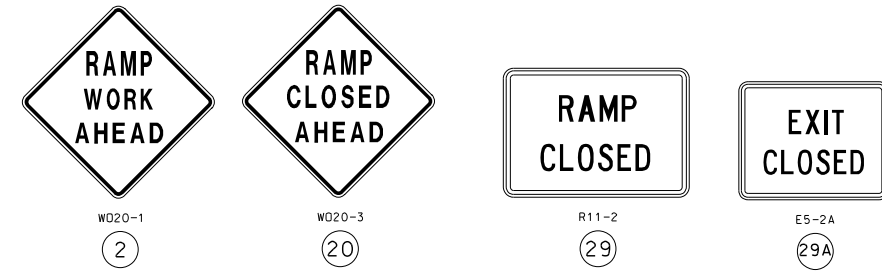
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
TEL: 573.756.6363
FAX: 573.756.6361
WWW.MODOT.MO.GOV

GFT
GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)328-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF
ENGINEERING

001136



RAMP CLOSURES MAY OCCUR FOR ONE NIGHT ONLY.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		RECOMMENDED	CHANNELIZER SPACING (ft.)	
PERM. POSTED (MPH)	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)	BUFFER LENGTH (ft) (B)	TAPERS	BUFFER/ WORK AREAS
0-35	-	200	70	245	250	35	40
40-45	-	500	150	540	360	40	80
50-55	-	1000	185	660	495	50	80
60-70	-	SA-1000 SB-1500 SC-2640	235	840	730	60	120

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

SHEET 9 OF 11

NOT TO SCALE

NOTES:

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

PROTECTIVE TRUCKS 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.

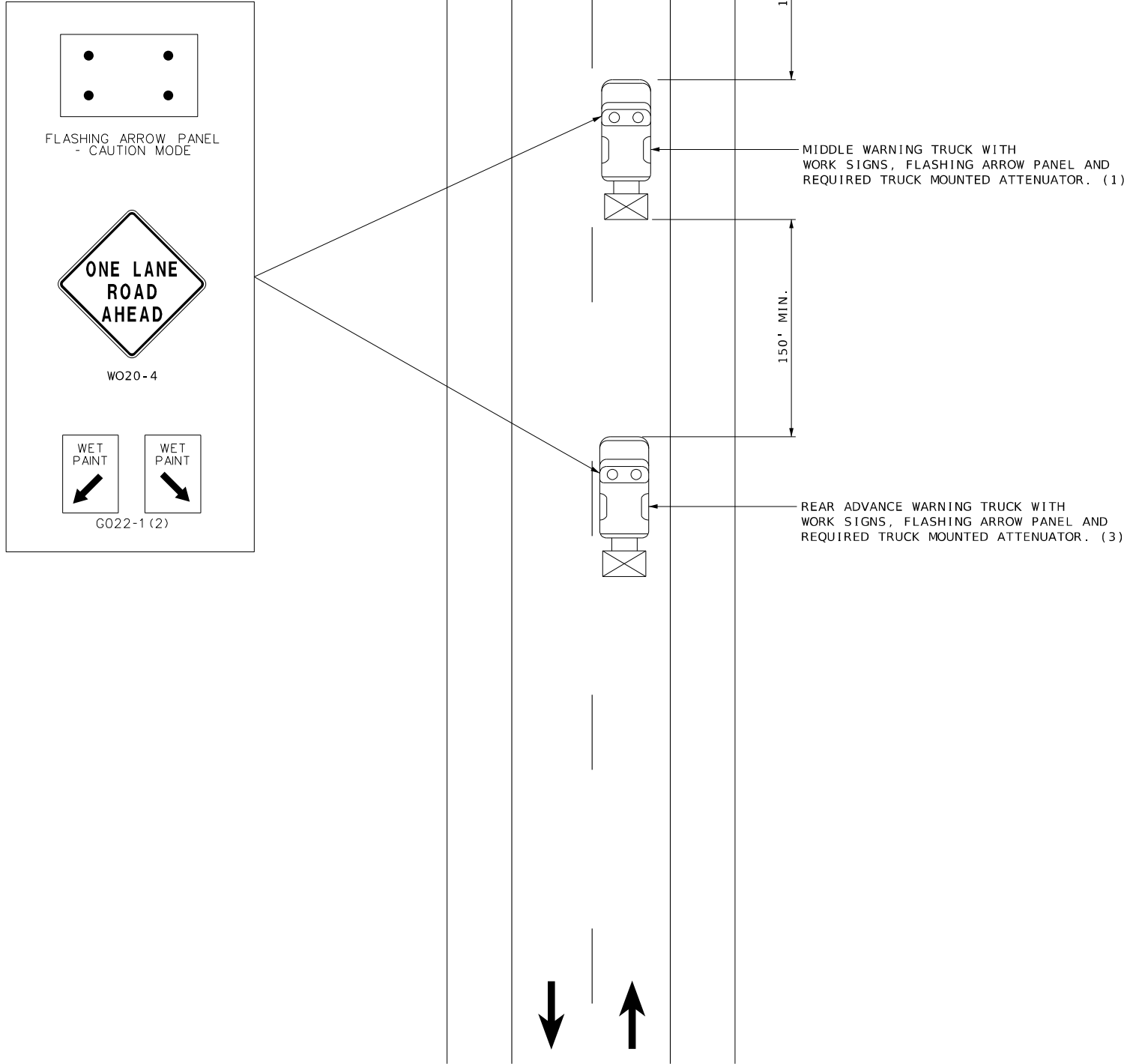
VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) TRUCK IS OPTIONAL ON TWO-LANE UNDIVIDED HIGHWAYS IF SIGNING AND ARROW BOARD ARE MOUNTED ON THE PAVEMENT MARKING EQUIPMENT.

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

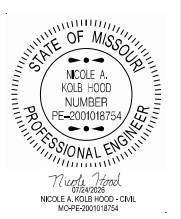
(3) REAR WARNING TRUCK IS POSITIONED AT THE NO TRACK POINT OF THE PAVEMENT MARKING MATERIAL, OR VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE, OR SPACING SHOWN, WHICHEVER IS GREATER.



STRIPING ON TWO-LANE HIGHWAY

TEMPORARY TRAFFIC CONTROL

SHEET 10 OF 11



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 29
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

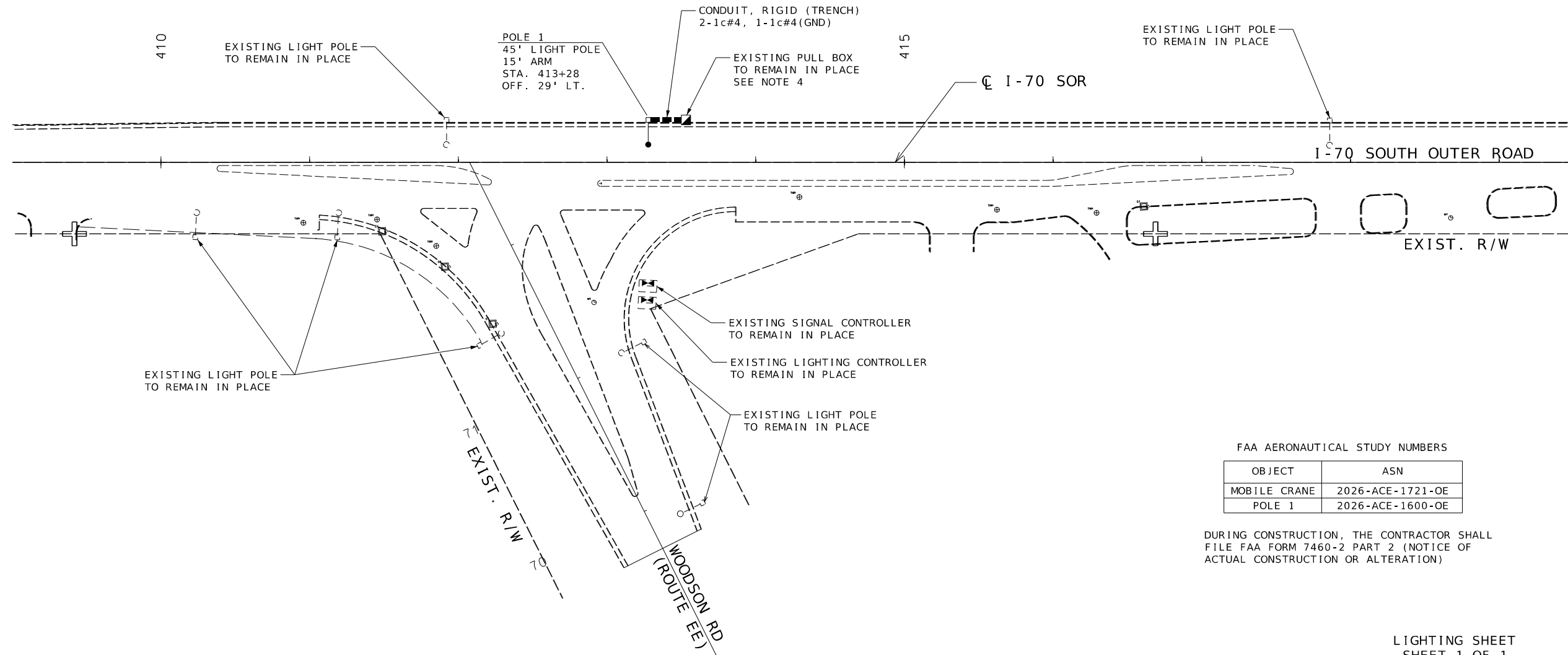
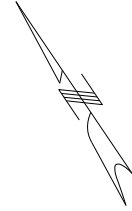
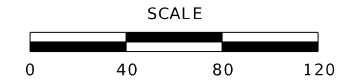
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

GFT

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

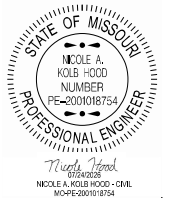
1. ALL LIGHTING CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE MISSOURI STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SECTION 901 "HIGHWAY LIGHTING", UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL STAKE OR OTHERWISE MARK THE LOCATION WHERE POLE 1 IS TO BE INSTALLED. THE POLE LOCATION SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO PLACEMENT. CONDUIT RUNS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED TO CLEAR OBSTRUCTIONS AND FACILITATE WIRING, AS APPROVED BY THE ENGINEER.
3. THE LOCATIONS OF UNDERGROUND UTILITIES ARE SHOWN ON THESE PLANS AND/OR THE ROADWAY PLANS IN AN APPROXIMATE MANNER ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UTILITIES PRIOR TO ANY WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MAY BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND FACILITIES.
4. INSTALL NEW CONDUIT AND CONDUCTORS BETWEEN THE BASE OF POLE 1 AND THE EXISTING LIGHTING JUNCTION BOX INSTALLED WITH PROJECT J613576. SPLICE NEW CONDUCTORS TO THE EXISTING LIGHTING CIRCUIT "3" USING APPROVED SPLICING METHODS. COORDINATE WITH MODOT TO ACCESS EXISTING LIGHTING CONTROLLER.
5. MAXIMUM CRANE HEIGHT FOR LIGHT POLE INSTALLATION SHALL NOT EXCEED 65 FEET.



FAA AERONAUTICAL STUDY NUMBERS	
OBJECT	ASN
MOBILE CRANE	2026-ACE-1721-OE
POLE 1	2026-ACE-1600-OE

DURING CONSTRUCTION, THE CONTRACTOR SHALL
FILE FAA FORM 7460-2 PART 2 (NOTICE OF
ACTUAL CONSTRUCTION OR ALTERATION)

LIGHTING SHEET
SHEET 1 OF 1
STA 409+00 TO 419+50



DATE PREPARED
7/23/2026

ROUTE	STATE
I - 70 SOR	MO

DISTRICT	SHEET NO.
SL	31

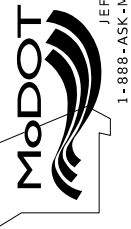
COUNTY
ST. LOUIS

JOB NO.
JSL0249

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
AUTHORITY # 001136

GFT

[illegible]

DATE PREPARED	
8/5/2026	
ROUTE	STATE
I-70 SOR	MO
DISTRICT	SHEET NO.
SL	35
COUNTY	
ST. LOUIS	
JOB NO.	
JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

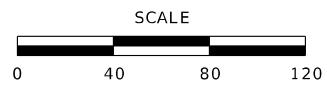
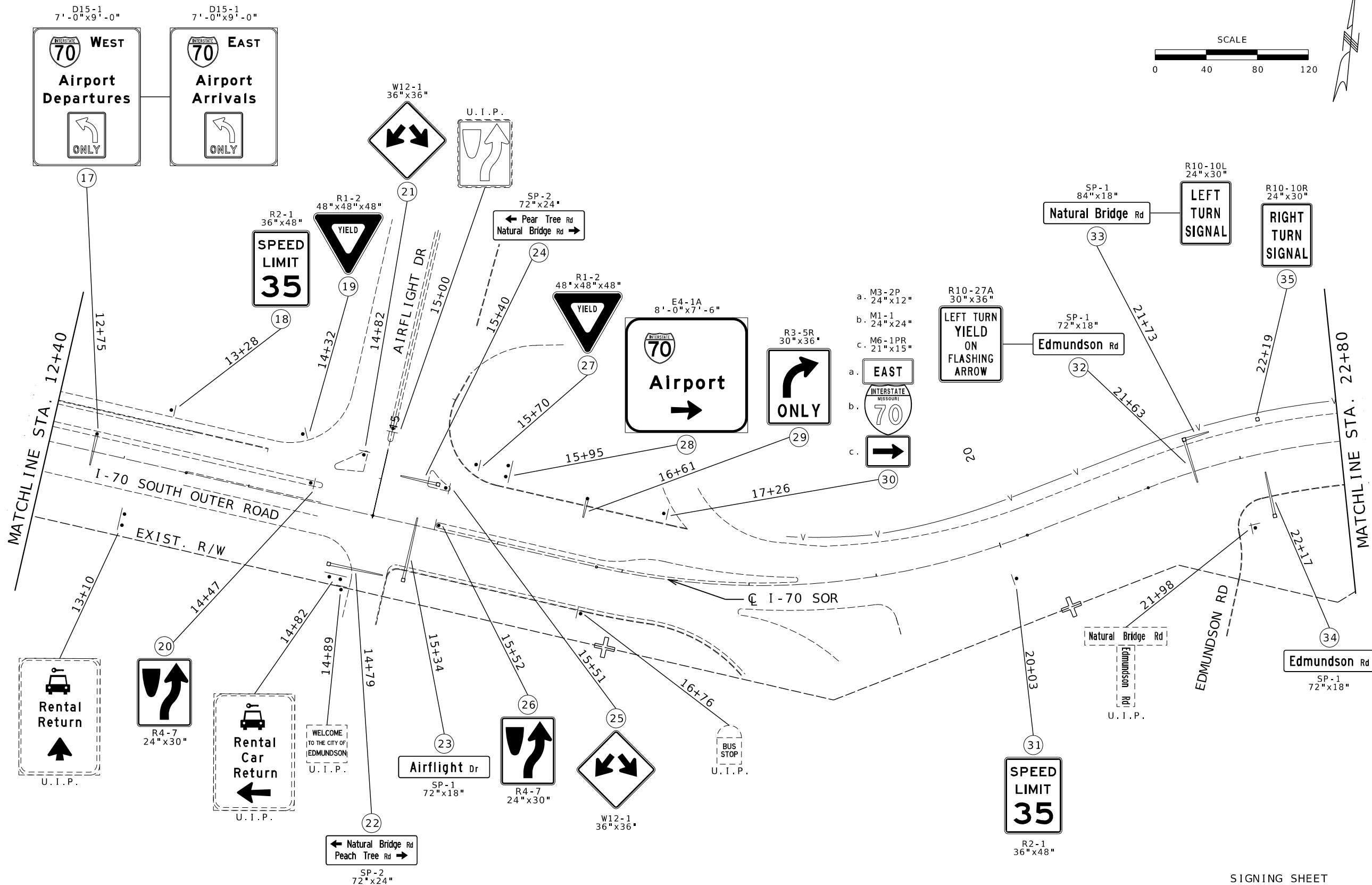
**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

 **MoDOT**

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

GFT
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SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

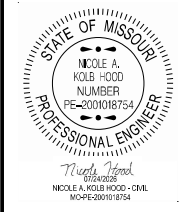
D-37C



NOTES:

1. FOR CLARITY, EXISTING SIGNS ON I-70 SOUTH OUTER ROAD ARE GENERALLY NOT SHOWN.
UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS FROM STATIONS 12+40 TO 22+80 SHALL BE REMOVED.

SIGNING SHEET
SHEET 2 OF 7
STA 12+40 TO STA 22+80



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 37
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

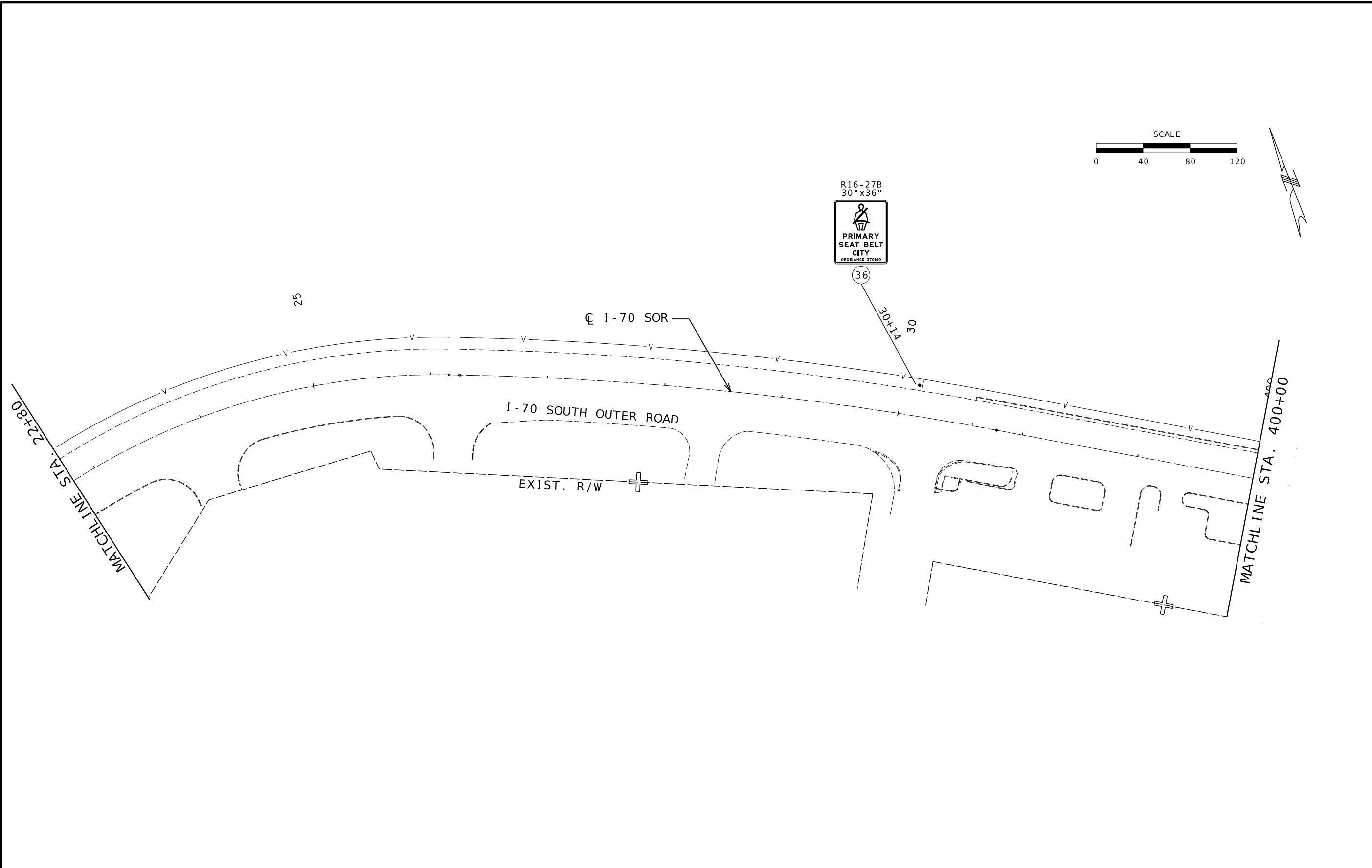
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GFT Infrastructure, Inc.
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SUITE 400
KANSAS CITY, MO 64108
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FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



NOTES:

- 1. FOR CLARITY, EXISTING SIGNS ON I-70 SOUTH OUTER ROAD ARE GENERALLY NOT SHOWN. UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS FROM STATIONS 22+80 TO 400+00 SHALL BE REMOVED.

SIGNING SHEET
SHEET 3 OF 7
STA 22+80 TO STA 400+00

STATE OF MISSOURI

NICOLE A. KOEB-HOOD

NUMBER PE-2001018754

PROFESSIONAL ENGINEER

Nicole Hood

NICOLE A. KOEB-HOOD - CIVIL

MO-PE-2001018754

DATE PREPARED

7/23/2026

ROUTE

I-70 SOR

STATE

MO

DISTRICT

SL

SHEET NO.

38

COUNTY

ST. LOUIS

JOB NO.

JSL0249

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

GFT Infrastructure, Inc.

2400 PERSHING ROAD

SUITE 400

KANSAS CITY, MO 64108

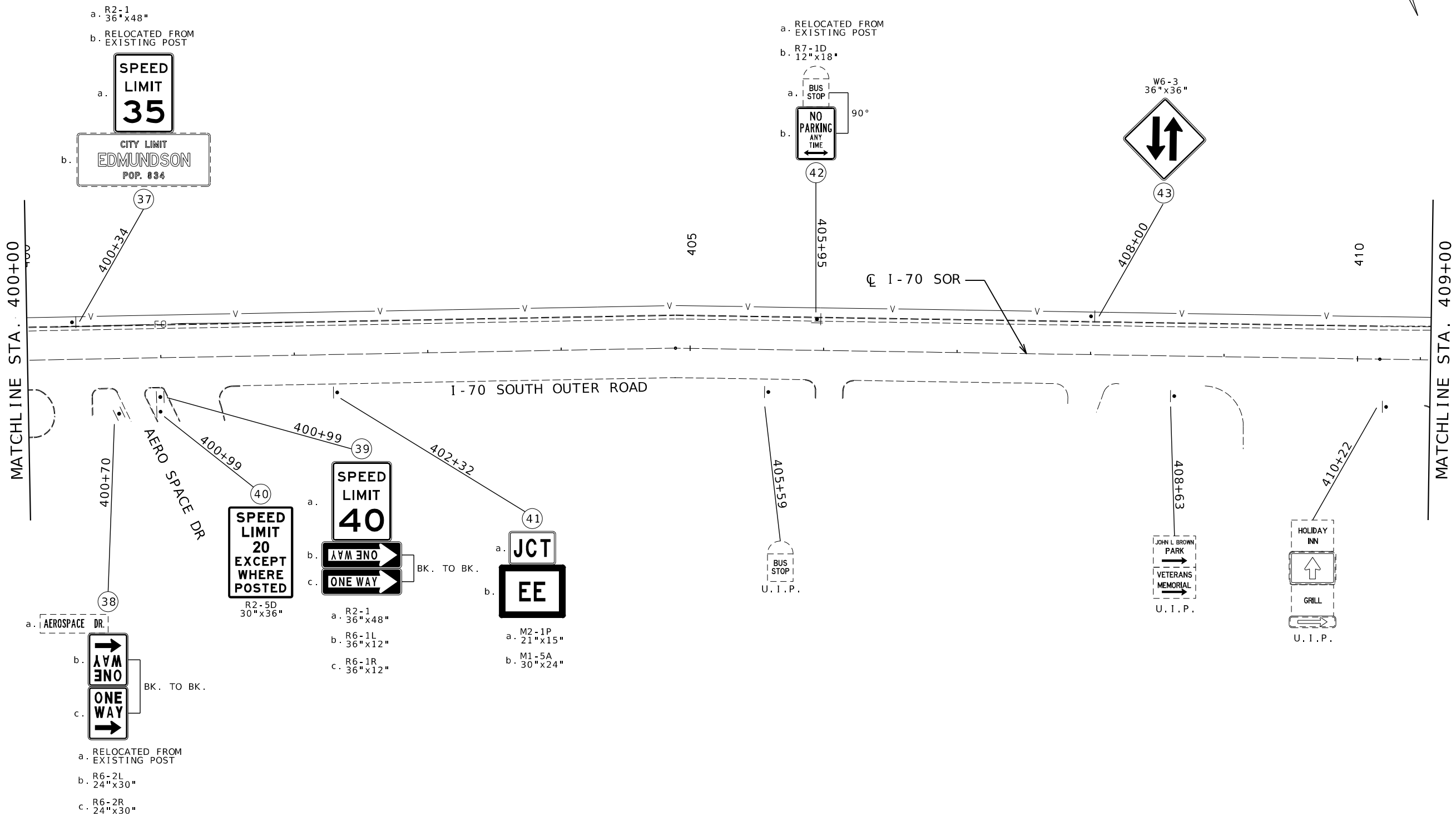
PHONE: (816)329-8600

FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136

ENGINEERING

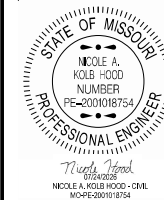
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NOTES:

- FOR CLARITY, EXISTING SIGNS ON I-70 SOUTH OUTER ROAD ARE GENERALLY NOT SHOWN. UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS FROM STATIONS 400+00 TO 409+00 SHALL BE REMOVED.

SIGNING SHEET
SHEET 4 OF 7
STA 400+00 TO STA 409+00



DATE PREPARED
7/23/2026

ROUTE STATE
I-70 SOR MO

DISTRICT SHEET NO.
SL 39

COUNTY
ST. LOUIS

JOB NO.
JSL0249

CONTRACT ID.

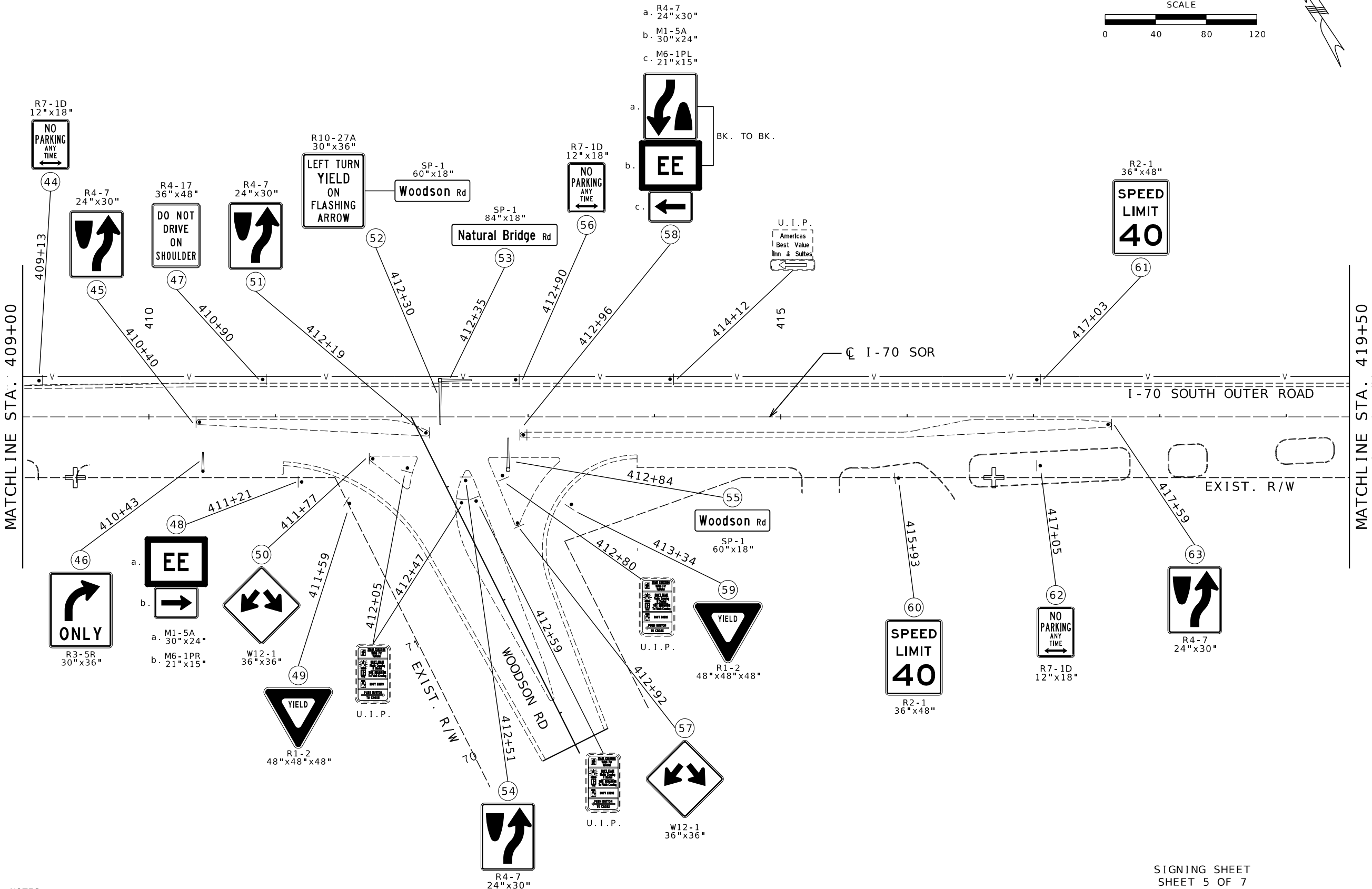
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)329-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



NOTES:

1. FOR CLARITY, EXISTING SIGNS ON I-70 SOUTH OUTER ROAD ARE GENERALLY NOT SHOWN.
UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS FROM STATIONS 409+00 TO 419+50 SHALL BE REMOVED.

SIGNING SHEET
SHEET 5 OF 7
STA 409+00 TO STA 419+50

STATE OF MISSOURI
NICOLE A. KOEB-HOOD
NUMBER PE-2001018754
PROFESSIONAL ENGINEER

DATE PREPARED
7/23/2026

ROUTE I-70 SOR
DISTRICT SL
COUNTY ST. LOUIS
JOB NO. JSL0249
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

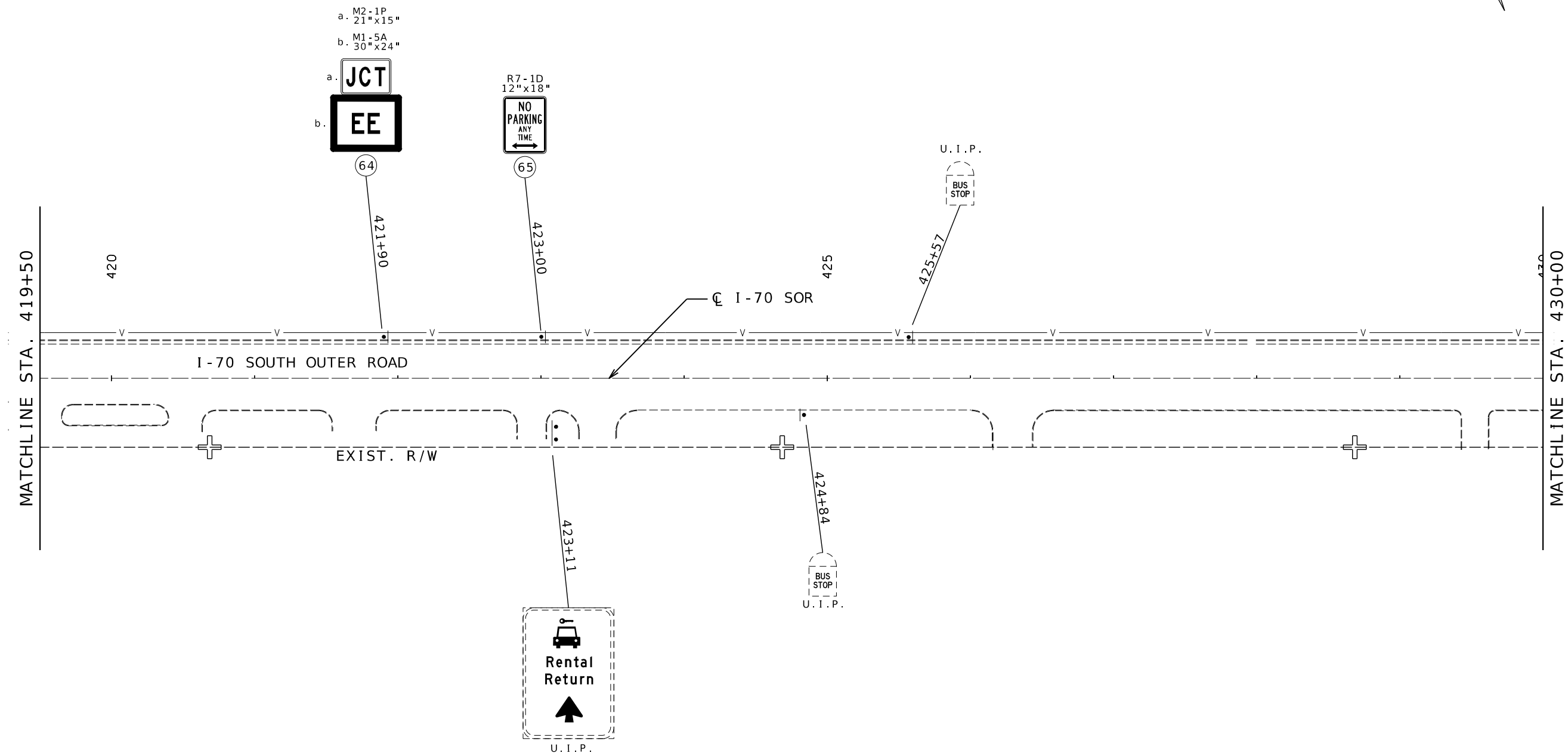
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

MODOT

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

pw://transystems-pw.bentley.com:transyscorp-pw1-hosted/Documents/Projects_2025/KC101/101250186/Road/Plan/040_SN_JSL0249_140_170-SOR.dgn 8:55:56 AM 7/23/2026



NOTES:

- FOR CLARITY, EXISTING SIGNS ON I-70 SOUTH OUTER ROAD ARE GENERALLY NOT SHOWN.
UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS FROM STATIONS 419+50 TO 430+00 SHALL BE REMOVED.

SIGNING SHEET
SHEET 6 OF 7
STA 419+50 TO STA 430+00

STATE OF MISSOURI

NICOLE A. KOEB HOOD

NUMBER

PE-2001018754

PROFESSIONAL ENGINEER

Nicole A. Hood

NICOLE A. KOEB HOOD - CIVIL

MO-PE-2001018754

DATE PREPARED

7/23/2026

ROUTE

I-70 SOR

STATE

MO

DISTRICT

SL

SHEET NO.

41

COUNTY

ST. LOUIS

JOB NO.

JSL0249

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)

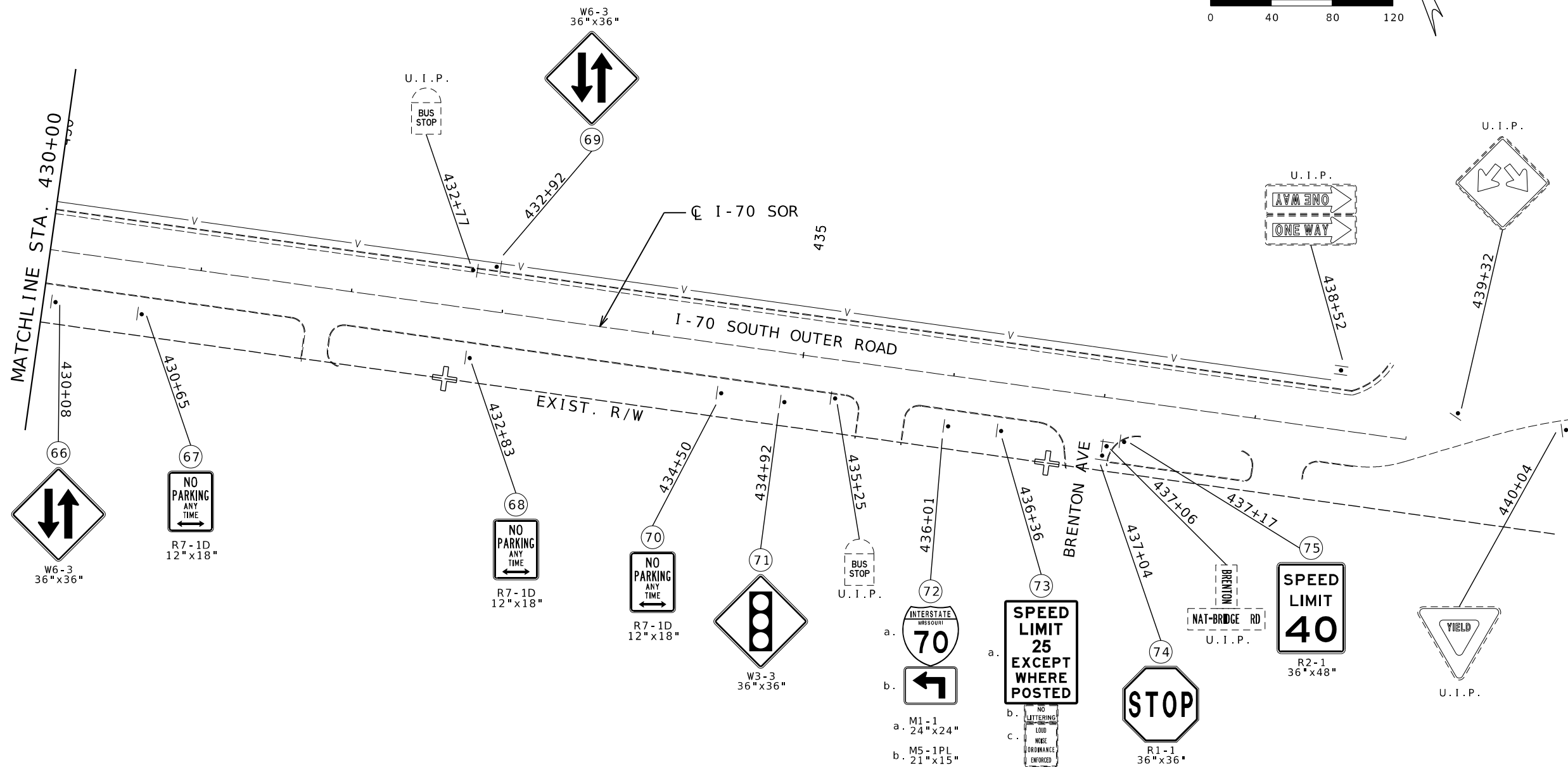
GFT Infrastructure, Inc.

2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

GFT

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

pw://transystems-pw.bentley.com:transyscorp-pw1-hosted/Documents/Projects_2025/KC101/101250186/Road/Plan/041_SN_JSL0249_140_170-SOR.dgn 8:55:59 AM 7/23/2026

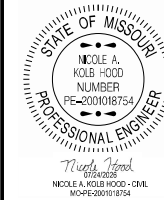


NOTES:

- FOR CLARITY, EXISTING SIGNS ON I-70 SOUTH OUTER ROAD ARE GENERALLY NOT SHOWN. UNLESS OTHERWISE NOTED, ALL EXISTING SIGNS FROM STATIONS 430+00 TO 439+00 SHALL BE REMOVED.

- R2-5D
a. 30" x 36"
RELOCATED FROM
b. EXISTING POST
RELOCATED FROM
c. EXISTING POST

SIGNING SHEET
SHEET 7 OF 7
STA 430+00 TO STA 439+00



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 42
COUNTY ST. LOUIS	
JOB NO. JSL0249	
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)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816) 329-8600
FAX: (816) 328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

Diagram of a highway sign for Interstate 70 West, Airport Departures, and a left-turn-only lane. The sign is rectangular with a black border. The top section features a shield with "INTERSTATE 70" and "WEST" to its right. The middle section says "Airport Departures" in large letters. The bottom section has a left-turn arrow and the word "ONLY". Dimensions are provided in feet and inches.

Section	Width (ft)	Width (in)	Height (ft)	Height (in)
Top Section (Shield and Text)	13	24	8	8.375
Middle Section (Airport Departures)	20	44	1.5	16.125
Bottom Section (Left Turn Arrow and ONLY)	8.25	67.5	8.25	20
Bottom Section (Left Turn Arrow and ONLY)	27	30	27	84
Bottom Section (Left Turn Arrow and ONLY)	36	93	36	108

Table of letter and object lefts									
	W	E	S	T					
13.000	45.000	54.875	60.500	66.625					
A	i	r	p	o	r	t			
20.000	30.125	34.625	40.375	47.250	55.000	59.875			
D	e	p	a	r	t	u	r	e	s
8.250	16.625	24.250	31.125	39.125	44.125	50.625	58.750	63.750	70.625
									
27.000									

Technical drawing of a rectangular sign for "Woodson Rd". The sign has a total width of 60.0 and a total height of 18.0. The text "Woodson Rd" is centered within the sign. The drawing includes dimensions for the sign's overall size, the text area, and the placement of mounting holes.

Dimension	Value
Overall Width	60.0
Overall Height	18.0
Text Area Width	39.7
Text Area Height	5.0
Mounting Hole Spacing (Horizontal)	6.0
Mounting Hole Spacing (Vertical)	5.0
Mounting Hole Diameter	3.8

	W		o		o	d		s		o	n		
3.8	6.0	1.6	4.0	1.5	4.1	1.4	3.9	1.8	4.0	1.4	4.1	2.0	3.9
		R											
	6.0	2.9	1.1	d	2.7	3.8							

Edmundson Rd

49.8 6.0 6.4 4.9 72.0

8.0 5.0 5.0 18.0

[illegible]

The diagram shows a rectangular highway sign with a white background and a black border. The sign contains the following elements:

- Top Left:** A shield-shaped emblem with the word "INTERSTATE" in a black bar at the top, and the number "70" in large black font below it.
- Top Right:** The word "EAST" in large, bold, black, sans-serif capital letters.
- Center:** The words "Airport Arrivals" in large, bold, black, sans-serif capital letters.
- Bottom Center:** A square sign with a black border containing a large black arrow pointing up and to the left, with the word "ONLY" in black, sans-serif capital letters below it.

Dimensions (in feet):

- Overall Width:** 84
- Overall Height:** 108
- Sign Face Width:** 70 (from the left edge of the shield to the right edge of the "ONLY" sign)
- Sign Face Height:** 84 (from the top of the "EAST" text to the bottom of the "ONLY" sign)
- Shield Emblem:** 24 (width) x 36 (height)
- Arrow Sign:** 30 (width) x 36 (height)
- Text "EAST":** 20 (width) x 7 (height)
- Text "Airport Arrivals":** 70 (width) x 36 (height)
- Text "ONLY":** 30 (width) x 7 (height)

Dimensions (in millimeters):

- Overall Width:** 2286
- Overall Height:** 3048
- Sign Face Width:** 2032
- Sign Face Height:** 2438
- Shield Emblem:** 732 (width) x 1092 (height)
- Arrow Sign:** 914 (width) x 1092 (height)
- Text "EAST":** 610 (width) x 216 (height)
- Text "Airport Arrivals":** 2032 (width) x 1016 (height)
- Text "ONLY":** 762 (width) x 216 (height)

Table of letter and object lefts									
	E	A	S	T					
13.750	45.750	52.625	59.875	65.875					
A	i	r	p	o	r	t			
20.000	30.125	34.625	40.375	47.250	55.000	59.875			
A	r	r	i	v	a	l	s		
17.125	27.125	32.875	38.625	42.375	49.875	58.125	61.750		
									
27.000									

	A	i	i	r	r	f	l	i	i	g	h	t				
9.4	5.0	1.7	1.1	2.6	2.9	1.0	2.5	2.0	1.1	2.6	1.1	2.9	2.5	4.0	1.8	3.1
	D															
	6.0	2.9	1.4	2.0	9.4											

Diagram of a bridge structure with dimensions and labels:

- Top Labels:**
 - Left: ← Natural Bridge Rd
 - Right: Peach Tree Rd →
- Vertical Dimensions (Right Side):**
 - 6.0
 - 5.0
 - 3.0
 - 5.5
 - 5.0
 - 4.5
 - 5.4
 - 5.4
 - 5.0
 - 4.6
 - 3.0
 - 5.0
 - 2.0
- Horizontal Dimensions (Bottom):**
 - 9.0
 - 4.5
 - 19.3
 - 6.0
 - 16.7
 - 4.5
 - 8.3
 - 3.6
 - 7.6
 - 16.1
 - 6.0
 - 11.8
 - 4.5
 - 4.5
 - 9.0
 - 7.6
 - 72.0

[illegible]

Diagram of a rectangular highway sign with rounded corners. The sign features the Interstate 70 shield at the top, the word "Airport" in large bold letters in the center, and a large right-pointing arrow at the bottom. Dimensions are provided in feet and inches.

Vertical Dimensions (Height):

- Total height: 12.0
- Shield height: 10.1
- Word "Airport" height: 10.7
- Arrow height: 9.3
- Distance from top edge to shield: 1.4
- Distance from shield to word: 1.4
- Distance from word to arrow: 1.4
- Distance from arrow to bottom edge: 1.4

Horizontal Dimensions (Width):

- Total width: 24.0
- Shield width: 8.8
- Word "Airport" width: 15.1
- Arrow width: 18.2
- Distance from left edge to shield: 1.4
- Distance from shield to word: 1.4
- Distance from word to arrow: 1.4
- Distance from arrow to right edge: 1.4

18.7	A	i	r	p	o	r	t	
24.0	13.5	6.1	7.8	9.3	10.4	6.6	5.4	18.2
53.3								

35.9	→	35.9
24.2		

Plan view of the bridge deck showing lane widths and dimensions. The deck is 72.0m wide. It features a 3.6m wide shoulder on the left, followed by a 9.6m wide lane, a 4.5m wide lane, a 12.2m wide lane, a 6.0m wide lane, a 1.8m wide lane, a 4.5m wide lane, a 9.6m wide lane, and a 3.6m wide shoulder on the right. The total width is 72.0m. The bridge is labeled 'Pear Tree Rd' and 'Natural Bridge Rd' with arrows indicating the direction of travel.

[illegible]

Diagram of a rectangular sign for "Pear Tree Dr". The sign is 72.0 units wide and 18.0 units high. The text "Pear Tree Dr" is centered. Dimensions for text and spacing are provided: "Pear" is 6.8 units wide, "Tree" is 20.8 units wide, and "Dr" is 6.0 units wide. The spacing between "Pear" and "Tree" is 19.3 units, and between "Tree" and "Dr" is 6.0 units. The total width of the text area is 72.0 units. The sign has a 5.0 unit border on the top and bottom, and a 5.0 unit border on the sides. The total height of the sign is 18.0 units.

Table of widths and spaces								
P	e	a	r					
6.8	4.3	1.6	3.9	1.6	3.9	2.5	3.0	
	T	r	e					
	6.0	4.0	2.0	2.9	1.0	3.9	1.5	4.0
	D							
	6.0	2.9	1.4	2.0	6.8			

Diagram of a rectangular sign for "Natural Bridge Rd". The sign has a black border and white background. The text "Natural Bridge Rd" is in black. Dimensions are shown: overall width 84.0, overall height 18.0. Internal dimensions include 5.7, 29.3, 6.0, 25.2, 6.0, 6.1, 5.7 for the text area and 8.0, 5.0, 5.0 for the vertical spacing.

5.7	N 4.3	1.2	a 3.9	0.9	t 3.1	1.0	u 3.9	1.3	r 3.0	0.4	a 4.0	1.2	i 1.1
6.0	B 4.4	1.2	r 3.0	0.7	i 1.2	1.0	d 3.9	1.0	g 3.9	1.0	e 3.9		
6.0	R 3.0	0.5	d 2.6	5.7									



STATE OF MISSOURI
 NICOLE A. KOLB HOOD
 NUMBER
 PE-2001018754
 PROFESSIONAL ENGINEER

Nicole Hood
 07/24/2025
 NICOLE A. KOLB HOOD - CIVIL
 MO-PE-2001018754

BRIDGE NO.

DATE _____

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

GFT
GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO. STATE CERTIFICATE OF AUTHORITY # 001136

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[illegible]

SIGNS

902 SIGNAL SIGNS TABULATED ON D-37A

CONCRETE FOOTINGS EMBEDDED

(I-BEAM/PIPE)
ITEM NO.
9031010
CY

I-BEAM POSTS*

POST + STUB
LBS
ITEM NO.
9031210
LBS

POST + STUB
LBS
ITEM NO.
9031220
LBS

PIPE POSTS*

POST + STUB
LBS
ITEM NO.
9031220
LBS

POST + STUB
LBS
ITEM NO.
9031005
LBS

4" SQUARE STEEL POST*

BASE
ITEM NO.
9031005
EACH

POST
ITEM NO.
9031230
LF

PERFORATED SQUARE STEEL TUBE**

2" POST
POST
NO. 1
NO. 2
TOTAL
ITEM NO.
9031270A
LF

2.5" POST
POST
NO. 1
NO. 2
TOTAL
ITEM NO.
9031273A
EACH

BREAK - AWAY
ITEM NO.
9031274
EACH

U-CHANNEL POST
ITEM NO.
9031280
LF

ALUMINUM BACKING BARS
COUNT
LENGTH
IN.

COLUMN MOUNTING C-CHANNEL
ITEM NO.
9031281A
EACH

ITEM NO.
9031285
EACH

ITEM NO.
9031241
EACH

ITEM NO.
9031250A
LF

ITEM NO.
9035030
LF

ITEM NO.
9035031
LF

EFFECTIVE: 07-01-2026

REMARKS AND OTHER REQUIRED ITEMS

STATE OF MISSOURI
NICOLE A. KOOLHOOD
NUMBER
PE-2001018754
PROFESSIONAL ENGINEER

DATE PREPARED
8/11/2026

ROUTE
I-70 SOR

STATE
MO

DISTRICT
SL

SHEET NO.
45

COUNTY
ST. LOUIS

JOB NO.
JSL0249

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)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

SUBTOTAL

TOTAL

0.64

279.0

161.9

448.5

32

9

102.0

9.0

1

5.3

*BREAKAWAY ASSEMBLY IS INCIDENTAL FOR I-BEAM, PIPE AND 4" SQUARE STEEL POSTS.

**FOR PSST WITHOUT BREAKAWAY DEVICES, POST LENGTH SHALL INCLUDE AN ADDITIONAL 6" FOR INSERTION INTO ANCHOR;
FOR SURFACED MOUNTED PSST ON ISLANDS, NO ANCHOR IS USED, JUST A SURFACE MOUNT BREAKAWAY ASSEMBLY.

I-BEAM POST AND FOOTING DATA TABLE

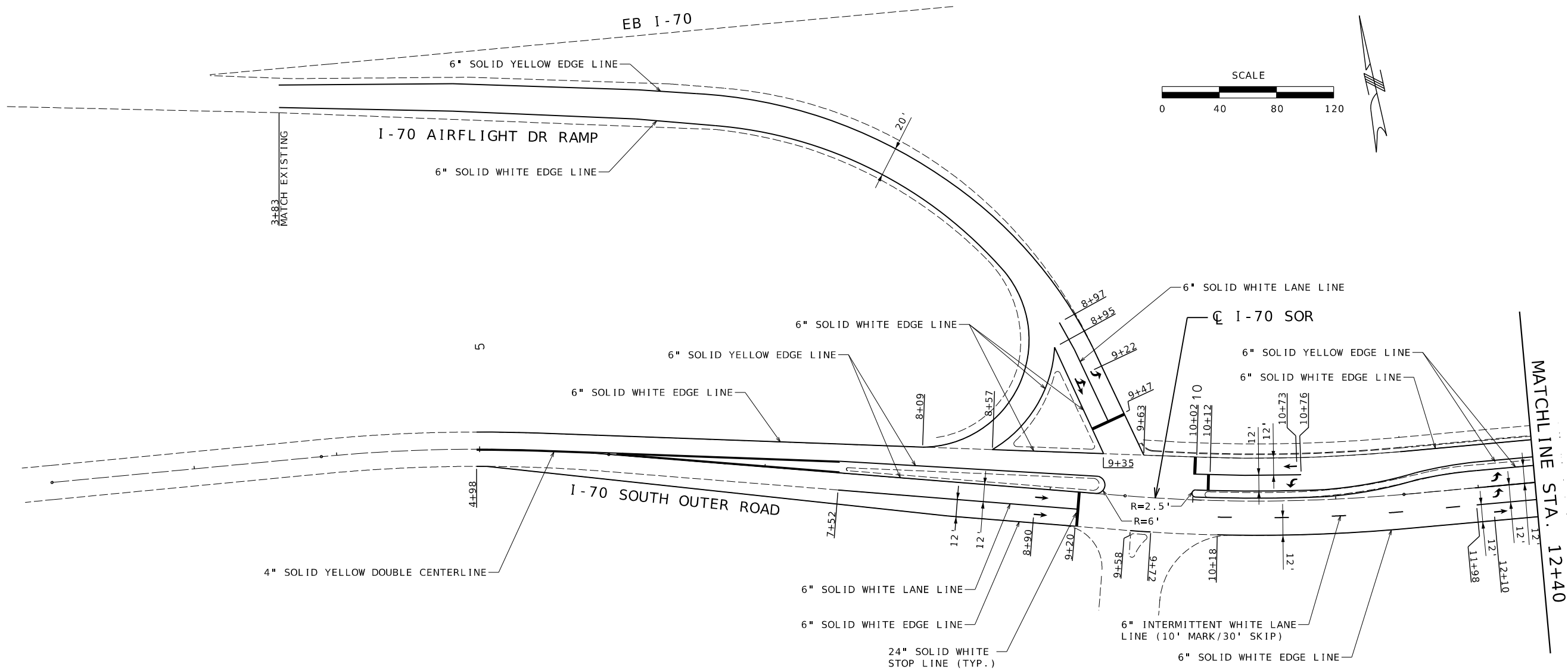
POST DES. NO.	NOM. SIZE	POST			STUB LENGTH	DIA.	FOOTING							
		WEIGHT		DEPTH			6:1 GRADE				4:1 GRADE		3:1 OR 2:1 GRADE	
		LBS/FT	LBS/IN				DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.	DEPTH	C.Y.
1	W6	9.0	0.75	3'-0"	15"	3'-0"	0.14	3'-2"	0.15	3'-3"	0.16	3'-6"	0.17	
2	W6	15.0	1.25	4'-0"	24"	4'-0"	0.47	4'-2"	0.50	4'-3"	0.51	4'-6"	0.54	
3	W8	18.0	1.50	4'-6"	28"	4'-6"	0.71	4'-8"	0.73	4'-9"	0.74	5'-0"	0.78	
4	W10	22.0	1.83	5'-0"	36"	5'-0"	1.31	5'-2"	1.36	5'-3"	1.39	5'-6"	1.45	
5	W10	26.0	2.17	5'-0"	36"	5'-0"	1.31	5'-3"	1.37	5'-5"	1.43	5'-9"	1.52	
6	W12	35.0	2.92	5'-6"	36"	5'-6"	1.44	5'-9"	1.52	5'-11"	1.56	6'-3"	1.65	

PIPE POST AND FOOTING DATA TABLE

NOM. SIZE	WEIGHT		STUB LENGTH	FOOTING			CONCRETE
	LBS/FT	LBS/IN		DIA.	DEPTH	C.Y.	
2"	5.79	0.48	4'-3 3/4"	12"	4'-6"	0.13	
4"	10.79	0.90	5'-3 3/4"	18"	5'-6"	0.36	

D-29

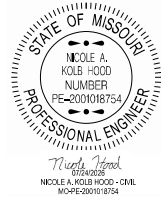
[illegible][illegible]



NOTES

1. ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). LEGEND AND SYMBOL MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD HIGHWAY SIGNS BOOK, PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION.
2. UNLESS OTHERWISE NOTED, ALL PAVEMENT MARKING SYMBOLS SHALL BE CENTERED IN THEIR RESPECTIVE LANES.
3. ALL PAVEMENT MARKINGS SHALL CONFORM TO MODOT SPECIFICATIONS. UNLESS OTHERWISE NOTED, PAVEMENT MARKING MATERIALS SHALL BE:
 - PREFORMED THERMOPLASTIC FOR ALL PAVEMENT MARKING SYMBOLS, STOP LINES, AND CROSSWALK MARKINGS.
 - HIGH BUILD WATERBORNE PAINT WITH TYPE L BEADS FOR ALL OTHER MARKINGS.
4. UNLESS OTHERWISE NOTED, DIMENSIONS SHOWN TO A CURB SECTION INDICATE THE DIMENSION TO THE EDGE OF THE ADJACENT TRAVEL LANE.
5. WHERE APPLICABLE WHEN PLACING MARKINGS UNDER TRAFFIC, THE CONTRACTOR SHALL USE LANE CLOSURES TO PROVIDE THE REQUIRED MINIMUM CURE TIME FOR THE MATERIAL AS SPECIFIED BY THE MANUFACTURER.

PAVEMENT MARKING SHEET
SHEET 1 OF 7
STA 4+70 TO STA 12+40



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 47
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

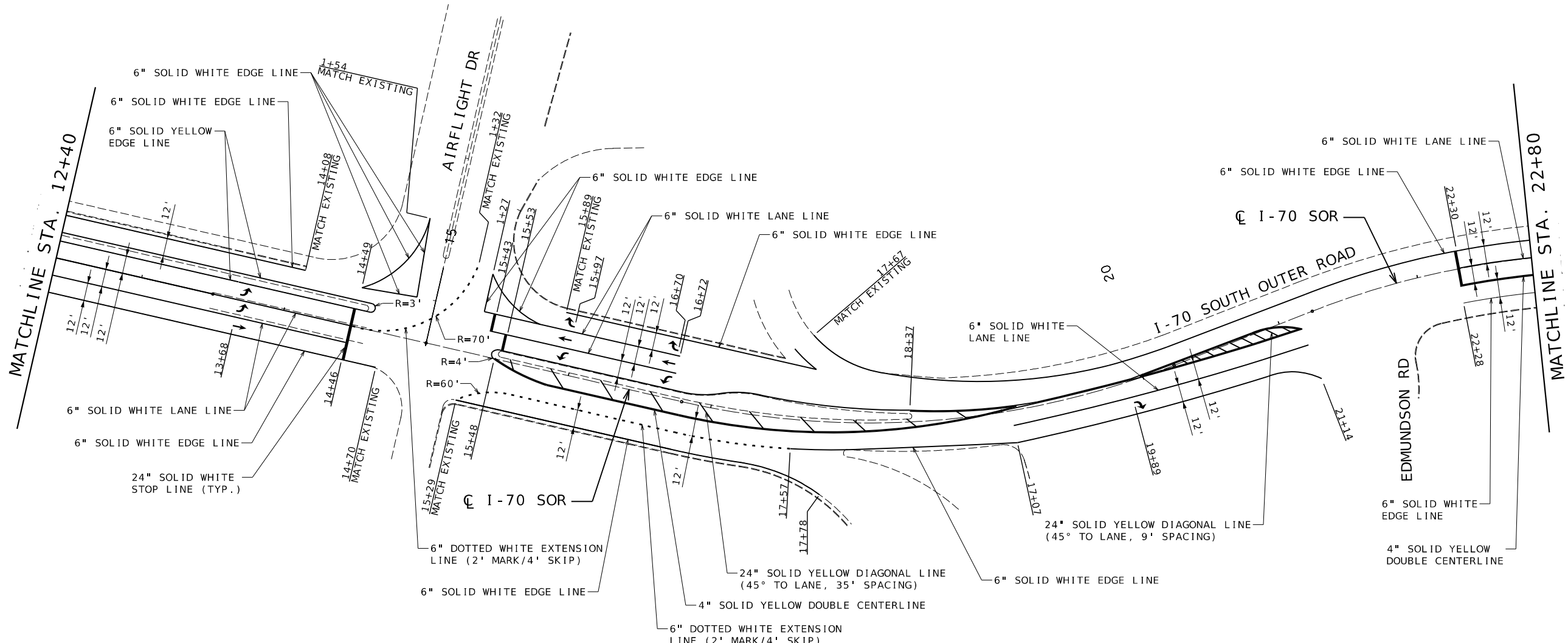
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

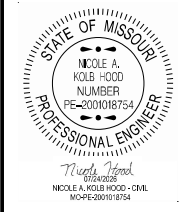
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



PAVEMENT MARKING SHEET
SHEET 2 OF 7
STA 12+40 TO STA 22+80



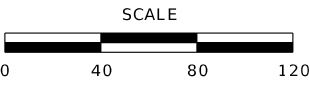
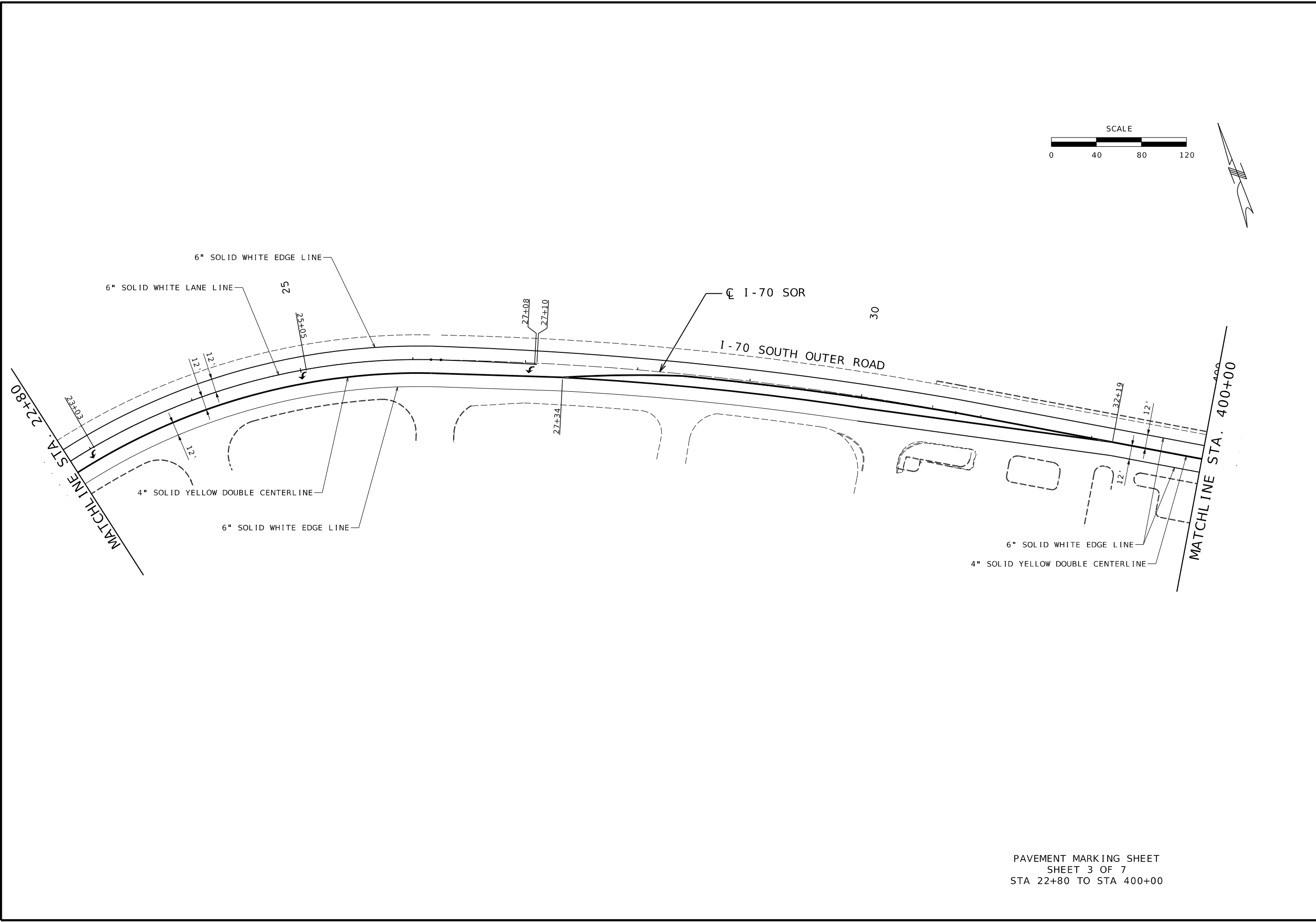
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ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 48
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



STATE OF MISSOURI

NICOLE A. KOEB HOOD

NUMBER

PE-2001018754

PROFESSIONAL ENGINEER

Nicole Hood

NICOLE A. KOEB HOOD - CIVIL

MO-PE-2001018754

DATE PREPARED

7/23/2026

ROUTE

I-70 SOR

STATE

MO

DISTRICT

SL

SHEET NO.

49

COUNTY

ST. LOUIS

JOB NO.

JSL0249

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

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

GFT Infrastructure, Inc.

2400 PERSHING ROAD

SUITE 400

KANSAS CITY, MO 64108

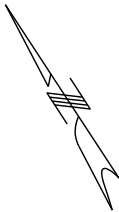
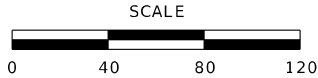
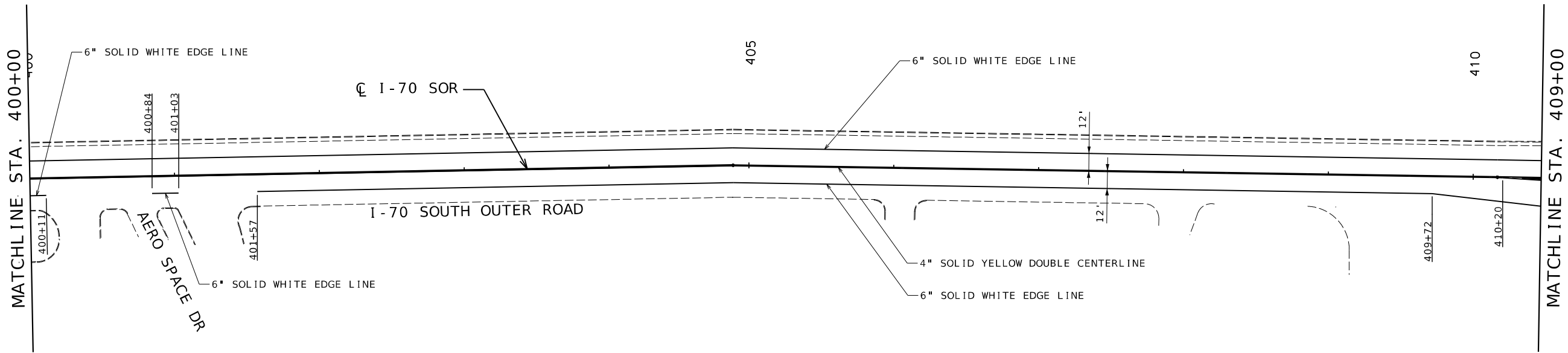
PHONE: (816)329-8600

FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136

ENGINEERING

PAVEMENT MARKING SHEET
SHEET 3 OF 7
STA 22+80 TO STA 400+00



PAVEMENT MARKING SHEET
SHEET 4 OF 7
STA 400+00 TO STA 409+00



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 50
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

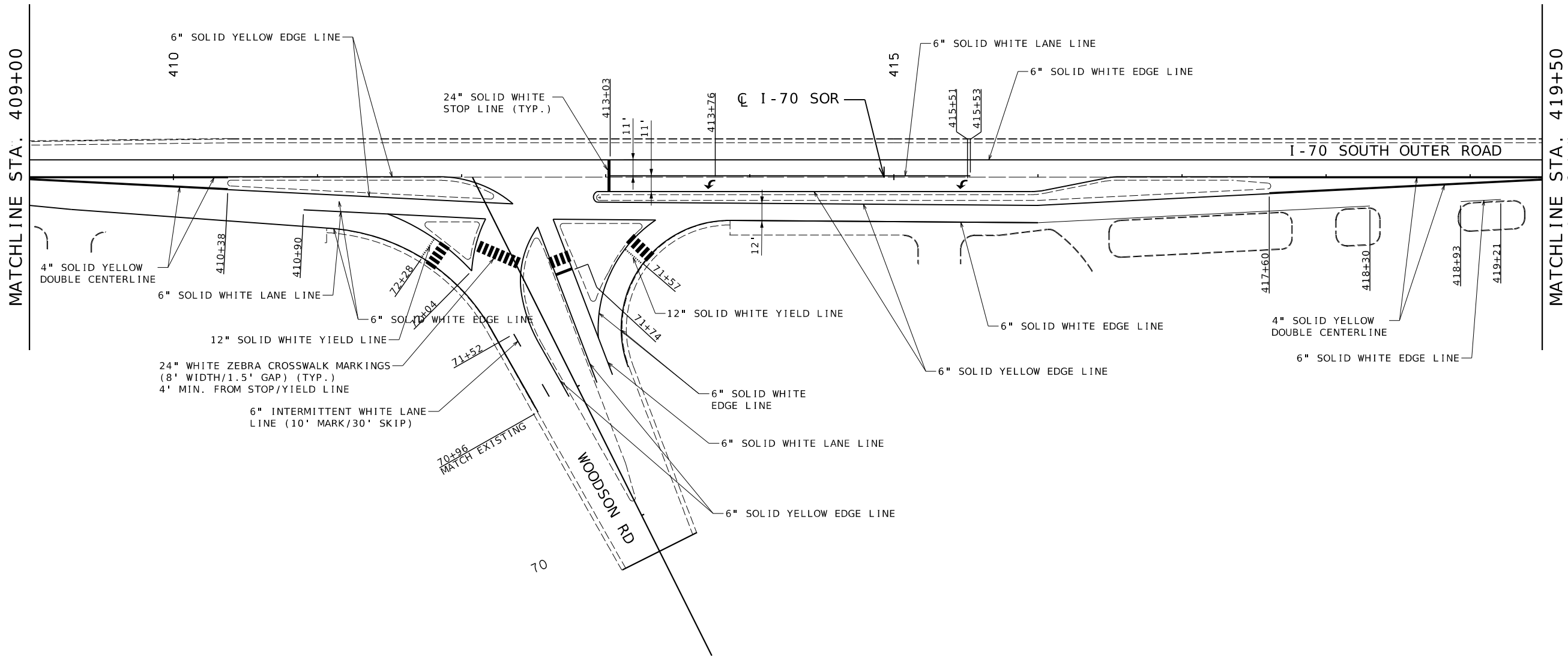
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



GFT Infrastructure, Inc.
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MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



PAVEMENT MARKING SHEET
SHEET 5 OF 7
STA 409+00 TO STA 419+50



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 51
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

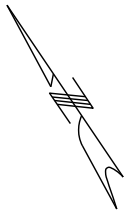
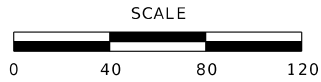
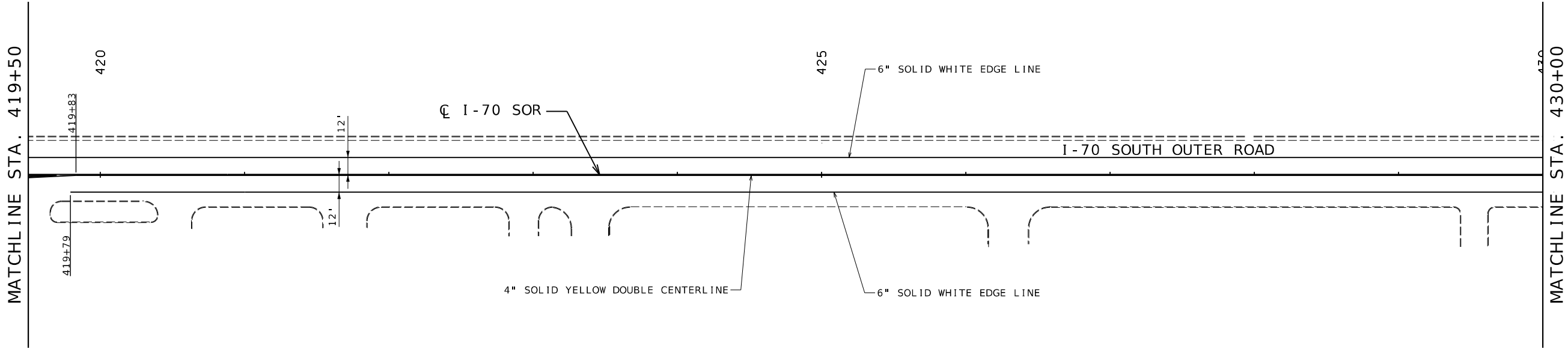
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



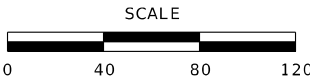
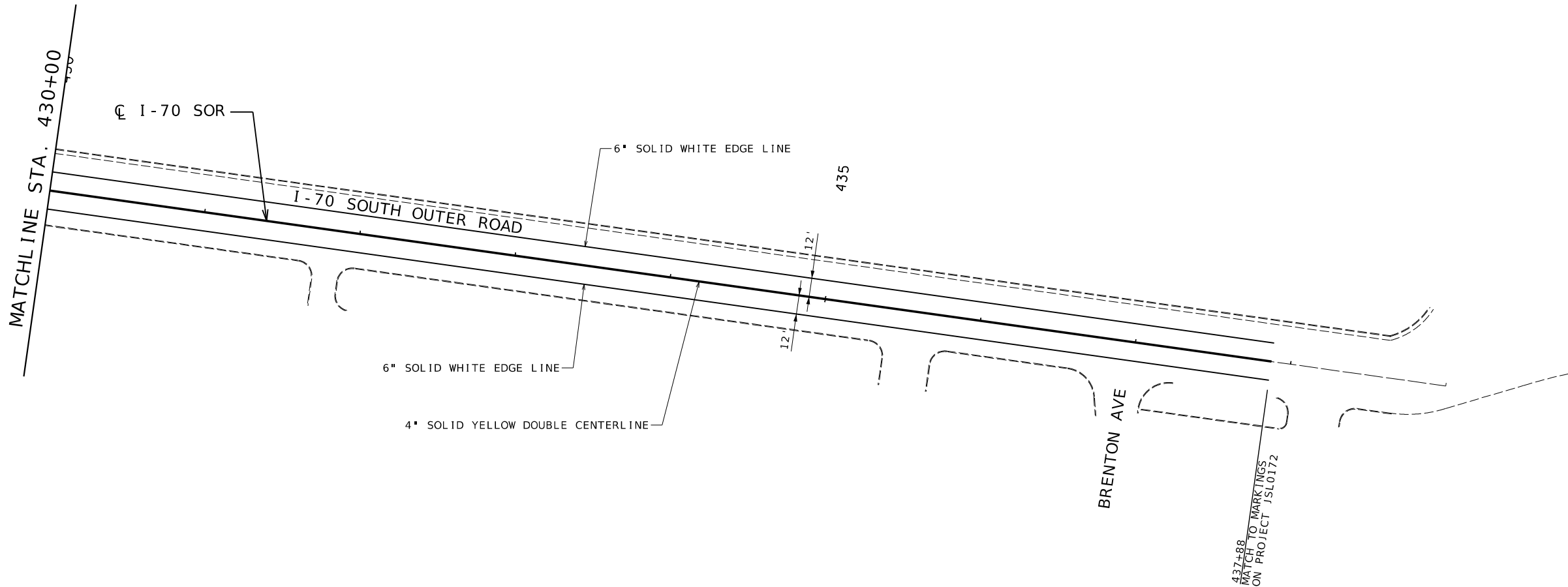
DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 52
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601
MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING



PAVEMENT MARKING SHEET
SHEET 7 OF 7
STA 430+00 TO STA 439+00



DATE PREPARED 7/23/2026	
ROUTE I-70 SOR	STATE MO
DISTRICT SL	SHEET NO. 53
COUNTY ST. LOUIS	
JOB NO. JSL0249	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)

GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

PROJECT NO.
BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

GFT
GFT Infrastructure, Inc.
2400 PERSHING ROAD
SUITE 400
KANSAS CITY, MO 64108
PHONE: (816)329-8600
FAX: (816)328-8601

MO STATE CERTIFICATE OF AUTHORITY # 001136
ENGINEERING

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STA:400+72.86
TOP OF BOX ELEV. = 571.47
OFFSET=34.41 RT

STA:400+72.86
TOP OF BOX ELEV. = 571.47
OFFSET=34.41 RT

CI 2119

FINISH GRADE

STA:400+60.28
TOP OF BOX ELEV. = 570.10
OFFSET=34.36 RT

CI 2118

UIP EXISTING 15" RCP

FL=568.07

FL=567.67

UIP EXISTING 18" RCP

FL=567.47

FL=567.51

INSTALL 9' OF 18" GROUP A PIPE
CL 3 EXC. = 5 CY

CI 2119

0+00

1+00

570

560

3' X 2.5' TYPE T
PRECAST DROP INLET
W/TYPE 3 FRAME AND COVER
D=5'
CL 3 EX. = 5 CY

3' X 2' TYPE S-1 DROP INLET
W/PARALLEL BAR GRATE AND FRAME
D=4'
CL 3 EX. = 4 CY

pw://transystems-pw.bentley.com:transyscorp-pw1-hosted/Documents/Projects_2025/KC101/101250186/Road/JSL0249_I-70_SOR_Profile_01.dgn 2:40:51 PM 7/23/2026