

CONCRETE CURB							
PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	INTEGRAL CURB (6 IN HEIGHT AND UNDER) TYPE A	INTEGRAL CURB (6 IN HEIGHT AND UNDER) TYPE S	REMARKS
					L.F.	L.F.	
4	367	96+85.7	97+08.1	EASTERN SHOULDER OF NB LANE		21.8	4" CURB
4	367	94+27.0	94+37.9	EASTERN SHOULDER OF SB LANE	11		4" CURB
4	367	94+16.8	94+27.6	WESTERN SHOULDER OF SB LANE	11		4" CURB
4	367	96+31.8	96+42.6	WESTERN SHOULDER OF SB LANE	11		4" CURB
4	367	96+50.1	96+66.0	EASTERN SHOULDER OF SB LANE	17		4" CURB
5	367	106+89.2	107+06.2	EASTERN SHOULDER OF NB LANE	17		6" CURB
5	367	107+86.3	108+90.8	EASTERN SHOULDER OF NB LANE	105.5		4" CURB
5	367	108+73	108+96.1	WESTERN SHOULDER OF NB LANE	23		4" CURB
5	367	110+97.3	111+16.8	EASTERN SHOULDER OF NB LANE	20		4" CURB
5	367	110+92.8	111+17.4	WESTERN SHOULDER OF NB LANE	25		4" CURB
5	367	108+70.5	108+83.6	WESTERN SHOULDER OF SB LANE	13.5		4" CURB
5	367	110+74.2	110+87.4	WESTERN SHOULDER OF SB LANE	13.5		4" CURB
9	367	633+56.4	633+88.4	EASTERN SHOULDER	32		4" CURB
9	367	635+70.2	635+83.5	EASTERN SHOULDER	14		4" CURB
9	367	633+30.1	633+62.1	WESTERN SHOULDER	32		4" CURB
9	367	635+44.2	635+59.7	WESTERN SHOULDER	16		4" CURB
PAY SUBTOTAL					361.5	21.8	
PAY TOTAL					362	22	

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MOBILIZATION 1 LUMP SUM

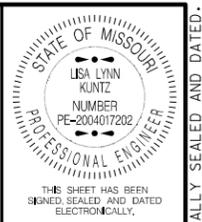
TEMPORARY TRAFFIC CONTROL 1 LUMP SUM

DRAINAGE					
PLAN SHEET NO.	ROADWAY	STATION	LOCATION	DRAIN BASIN	REMARKS
				EACH	
4	367	97+09.9	EAST SIDE OF NB LANE SOUTH OF BRIDGE A4536	1	12" PIPE GROUP C EST. 81' WITH 4' x 2' CV DROP INLET 3' DEPTH; GRATE
PAY TOTAL				1	

EROSION CONTROL							
PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	SILT FENCE	SEDIMENT REMOVAL	REMARKS
					L.F.	C.Y.	
4	367	96+49.3	102+00	EAST SLOPE OF NB LANE SOUTH OF BRIDGE A4536	687	7	
PAY TOTALS					687	7	

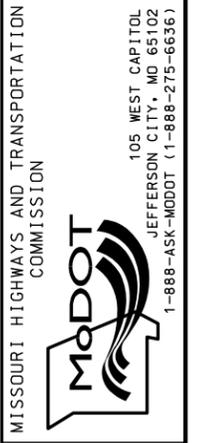
STRIPING								
PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	YELLOW HIGH BUILD WATERBOURNE PAVEMENT MARKING TYPE L BEAD 6"	YELLOW HIGH BUILD WATERBOURNE PAVEMENT MARKING TYPE L BEAD 4"	WHITE HIGH BUILD WATERBOURNE PAVEMENT MARKING TYPE L BEAD 6"	REMARKS
					L.F.	L.F.	L.F.	
4	367	94+51.79	96+84.39	BRIDGE A4536	235.0		290.0	
4	367	94+24.23	96+59.22	BRIDGE A7088	235.0		295.0	
4	367	96+82.68	99+82.68	BRIDGE A4536			300.0	SHOULDER STRIPING
5	367	108+48.33	110+79.59	BRIDGE A6637	235.0		290.0	
5	367	108+91.18	110+13.60	BRIDGE A7087	225.0		280.0	
6	367	178+44.71	182+11.13	BRIDGE A6913	735.0		920.0	
7	367	216+71.35	222+99.28	BRIDGE A6916	630.0		945.0	
7	367	216+71.35	222+99.28	BRIDGE A6917	630.0		945.0	
8	367	242+07.96	244+52.24	BRIDGE A6919	490.0		615.0	
9	367	633+60.72	635+71.58	BRIDGE A6751		425.0	530.0	LF BASED UPON STANDARD 6" STRIPE WIDTHS
PAY TOTALS					3415	425	5410	

MODOT ITS ASSETS RELOCATION		
LOCATION	LENGTH (FT)	REMARKS
367	1000	LOCATION AS DIRECTED BY ENGINEER
TOTAL	1000	
PAY TOTAL	1000	



DATE PREPARED: 9/29/2021
 ROUTE: 367 STATE: MO
 DISTRICT: SL SHEET NO.: 3
 COUNTY: ST LOUIS
 JOB NO.: J6P3308
 CONTRACT ID.:
 PROJECT NO.:
 BRIDGE NO.:

DATE	DESCRIPTION



QUANTITY SHEET
 SHEET 1 OF 4

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

PAVEMENT

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	COLDMILLING BUTUMINOUS PAVEMENT FOR REMOVAL OF SURFACE (3 IN OR LESS) S.Y.	BITUMINOUS PAVEMENT MIXTURE PG64-22, (PB-2) TON	OPEN CELL FOAM JOINT SEAL L.F.	CONCRETE CRACK FILLER S.Y.	BITUMINOUS SHOULDER RUMBLE STRIP STA.	REMARKS
4	367	96+85	101+72	EAST SHOULDER SOUTH OF BRIDGE A4536	475.7	45.4			5.2	IN PLACE OF ASPHALT SHOULDER: A2 AREA IS 4281 SF
4	367	VARIOUS		BRIDGE A4536			159			JOINT BETWEEN THE BRIDGE APPROACH AND THE ROADWAY APPROACH SLABS AND BETWEEN THE ROADWAY APPROACH SLABS AND THE ROADWAY
4	367	VARIOUS		BRIDGE A7088			162			JOINT BETWEEN THE BRIDGE APPROACH AND THE ROADWAY APPROACH SLABS AND BETWEEN THE ROADWAY APPROACH SLABS AND THE ROADWAY
5	367	VARIOUS		BRIDGE A6637			151			JOINT BETWEEN THE BRIDGE APPROACH AND THE ROADWAY APPROACH SLABS AND BETWEEN THE ROADWAY APPROACH SLABS AND THE ROADWAY
5	367	VARIOUS		BRIDGE A7087			205			JOINT BETWEEN THE BRIDGE APPROACH AND THE ROADWAY APPROACH SLABS AND BETWEEN THE ROADWAY APPROACH SLABS AND THE ROADWAY
6	367	VARIOUS		BRIDGE A6913			376			JOINT BETWEEN THE BRIDGE APPROACH AND THE ROADWAY APPROACH SLABS AND BETWEEN THE ROADWAY APPROACH SLABS AND THE ROADWAY
7	367	VARIOUS		BRIDGE A6916			286			JOINT BETWEEN THE BRIDGE APPROACH AND THE ROADWAY APPROACH SLABS AND BETWEEN THE ROADWAY APPROACH SLABS AND THE ROADWAY
7	367	VARIOUS		BRIDGE A6917			284			JOINT BETWEEN THE BRIDGE APPROACH AND THE ROADWAY APPROACH SLABS AND BETWEEN THE ROADWAY APPROACH SLABS AND THE ROADWAY
8	367	VARIOUS		BRIDGE A6919			368			JOINT BETWEEN THE BRIDGE APPROACH AND THE ROADWAY APPROACH SLABS AND BETWEEN THE ROADWAY APPROACH SLABS AND THE ROADWAY
9	367	VARIOUS		BRIDGE A6751			293			JOINT BETWEEN THE BRIDGE APPROACH AND THE ROADWAY APPROACH SLABS AND BETWEEN THE ROADWAY APPROACH SLABS AND THE ROADWAY
4 TO 9	367	VARIOUS		BRIDGE APPROACH SLAPS AROUND ALL BRIDGES				3105		APPLIED ON BRIDGE APPROACH SLAB
SUBTOTALS					475.7	45.4	2284	3105	5.2	
PAY TOTALS					476	46	2284	3105	5.2	

EARTHWORK

PLAN SHEET NO.	ROADWAY	STATION	STATION	LOCATION	FLOWABLE BACKFILL	EMBANKMENT IN PLACE	FURNISHING TYPE	PLACING TYPE	CLASS 3 EXCAVATION	REMARKS
					C.Y.	C.Y.	1 ROCK BLANKET C.Y.	1 ROCK BLANKET C.Y.	C.Y.	
4	367	96+68.0		UNDER CURTAIN SE SIDE OF BRIDGE A4536	7.11					FILL CAVITY UNDER CURTAIN 3'x4'x16'
4	367	97+01.7		SE OF EXIST. DRAIN BASIN SE SIDE OF BRIDGE A4536		9.78				DIRT TO FILL EROSION 6"x2'x22'
4	367	97+09.9		EAST SHOULDER SOUTH OF BRIDGE A4536					29.25	DRAIN BASIN AND GROUP C PIPE EXCAVATION
4	367	96+90.7	102+11.37	EAST SIDE OF NB ENTRANCE LANE						ASPHALT SHOULDER SOUTH OF BRIDGE A4536
5	367	108+87.3		UNDER EAST SHOULDER IN NB DIRECTION NORTH OF BRIDGE A6637	0.44					FILL CAVITY UNDER SHOULDER 4'x3"x1'
5	367	106+40.4		UNDER EAST SHOULDER IN NB DIRECTION NORTH OF BRIDGE A6637	2.7					FILL CAVITY UNDER SHOULDER 3.5'x20"x12.5'
5	367	107+86.3		AT DRAINAGE BREAK IN CURB EAST SIDE OF NB LANE			41.7	41.7		PLACE IN CAVITY 3'x12.5'x30'
SUBTOTALS					10.25	9.78	41.7	41.7	29.25	
PAY TOTALS					11	10	42	42	30	

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DATE PREPARED
9/29/2021

ROUTE 367 STATE MO
DISTRICT SL SHEET NO. 3

COUNTY
ST LOUIS

JOB NO.
J6P3308

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

QUANTITY SHEET
SHEET 3 OF 4

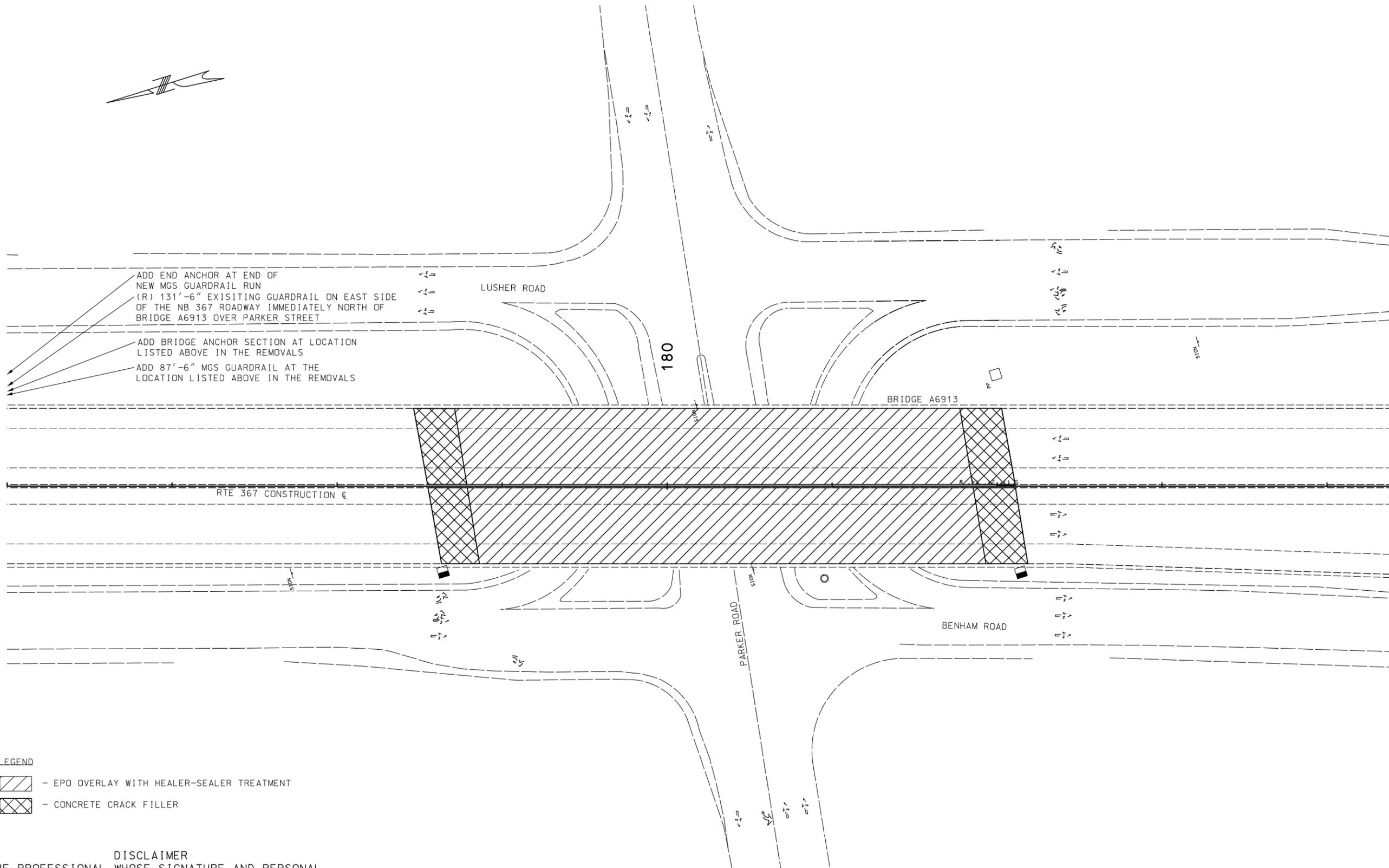
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION
IN.	SO.FT.	EACH	SO.FT.	EACH	SO.FT.	NUM.		
WARNING SIGNS								
W01-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
W01-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
W01-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
W01-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
W01-8	18X24	3.00						CHEVRON (SYMBOL)
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)
W03-2	48X48	16.00	3	48		40		YIELD AHEAD (SYMBOL)
W03-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
W03-4	48X48	16.00						BE PREPARED TO STOP
W03-5	48X48	16.00						SPEED LIMIT AHEAD
W04-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
W04-1R	48X48	16.00	2	32		60		MERGE (SYMBOL FROM RIGHT)
W04-1aL	48X48	16.00	2	32		6A		MERGE (ARROW SYMBOL)
W04-1aR	48X48	16.00						MERGE (ARROW SYMBOL)
W05-1	48X48	16.00	2	32		43		ROAD/BRIDGE/RAMP NARROWS
W05-3	48X48	16.00						ONE LANE BRIDGE
W05-5	48X48	16.00						NARROW LANES
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
W07-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
W08-1	48X48	16.00						BUMP
W08-2	48X48	16.00						DIP
W08-3	48X48	16.00						PAVEMENT ENDS
W08-4	48X48	16.00						SOFT SHOULDER
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
W08-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
W08-6c	48X48	16.00						TRUCK ENTRANCE
W08-7	36X36	9.00						LOOSE GRAVEL
W08-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
W08-9	48X48	16.00						LOW SHOULDER
W08-11	48X48	16.00						UNEVEN LANES
W08-12	48X48	16.00						NO CENTER LINE
W08-15	48X48	16.00						GROOVED PAVEMENT
W08-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
W08-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
W012-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
W013-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
W016-2	30X24	5.00						XXX FEET (PLAQUE)
W016-3	30X24	5.00						X MILE (PLAQUE)
W020-1	48X48	16.00	7	112		2		ROAD/BRIDGE/RAMP WORK AHEAD
W020-2	48X48	16.00						DETOUR AHEAD
W020-3	48X48	16.00						ROAD CLOSED AHEAD
W020-4	48X48	16.00						ONE LANE ROAD AHEAD
W020-5	48X48	16.00	4	64		5		RIGHT/CENTER/LEFT LANE CLOSED AHEAD
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
W020-6a	48X48	16.00	2	32		6		RIGHT/CENTER/LEFT LANE CLOSED
W020-7a	48X48	16.00						FLAGGER (SYMBOL, WITH FLAGS)
W021-2	36X36	9.00						FRESH OIL
W021-5a	48X48	16.00	2	32		21		RIGHT SHOULDER CLOSED
W022-1	48X48	16.00						BLASTING ZONE AHEAD
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
W022-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19	4	8.75				WET PAINT (ARROW PIVOTS)

SIGN	SIZE	AREA	QTY	TOTAL	QTY	TOTAL	SIGN	DESCRIPTION
IN.	SO.FT.	EACH	SO.FT.	EACH	SO.FT.	NUM.		
GUIDE SIGNS								
E05-1	36X48	12.00	2	24			49	GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00						EXIT CLOSED
GO20-1	60X24	10.00	3	30			1	ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	3	24			26	END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00	4	24			54	WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT ARROW)
MO4-9R	48X36	12.00						DETOUR (RIGHT ARROW)
MO4-9P	48X12	4.00						STREET NAME (PLAQUE)
MO4-10L	48X18	6.00						DETOUR (ARROW LEFT)
MO4-10R	48X18	6.00						DETOUR (ARROW RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TR1.	6.93	3	20.79			13	YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	4	48			4	SPEED LIMIT XX
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00						SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)
R11-2	48X30	10.00						ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD
R11-4	60X30	12.50						LOCAL TRAFFIC ONLY
CONST-3A	60X48	20.00						ROAD CLOSED THRU TRAFFIC
CONST-3X	56X12	4.67						FINE SIGN
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00	2	64			55	POINT OF PRESENCE
CONST-7	48X24	8.00						RATE OUR WORK ZONE
CONST-7	72X36	18.00	2	36			56	RATE OUR WORK ZONE
CONST-8	48X36	12.00	3	36			57	WORK ZONE NO PHONE ZONE
CONSTRUCTION SIGNS								
616-10.05				TOTAL				
				718				
RELOCATED SIGNS								
616-10.10				TOTAL				
				*				

ITEM	TOTAL	DESCRIPTION
NUMBER	QTY	
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020		REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123000A	2	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008	4	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	196	CHANNELIZER (TRIM LINE)
6161030		TYPE III MOVEABLE BARRICADE
6161033	62	DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161051		WARNING LIGHT, TYPE A
6161052		WARNING LIGHT, TYPE B
6161053		WARNING LIGHT, TYPE C
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/O COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6169902	2**	NTCIP COMPLIANT CHANGEABLE MESSAGE SIGN CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6162004		TEMPORARY SHORT-TERM RUMBLE STRIPS
6173600D		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS
9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING

* NOTE: NO DIRECT PAYMENT SHALL BE MADE TO RELOCATE OR COVER/UNCOVER EXISTING OR TCP SIGNS. OR TO RELOCATE OTHER



ADD END ANCHOR AT END OF
NEW MGS GUARDRAIL RUN
(R) 131'-6" EXISTING GUARDRAIL ON EAST SIDE
OF THE NB 367 ROADWAY IMMEDIATELY NORTH OF
BRIDGE A6913 OVER PARKER STREET

ADD BRIDGE ANCHOR SECTION AT LOCATION
LISTED ABOVE IN THE REMOVALS

ADD 87'-6" MGS GUARDRAIL AT THE
LOCATION LISTED ABOVE IN THE REMOVALS

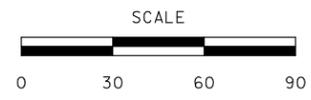
LEGEND

 - EPO OVERLAY WITH HEALER-SEALER TREATMENT

 - CONCRETE CRACK FILLER

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

BRIDGE A6913 REHAB NOTES:
APPLY EPOXY POLYMER OVERLAY.
CONTRACTOR SHALL PREFILL OPEN CRACKS AND LONGITUDINAL DECK JOINTS.
REMOVE RAISED PAVEMENT MARKERS (IF APPLICABLE) & MAKE HALF-SOLE REPAIRS.
INSTALL SILICONE EXPANSION JOINT SEALANT ALONG INSIDE FACES OF ALL WINGS.
SEE BRIDGE A6913 PLANS FOR ADDITIONAL REHAB DETAILS.



DATE PREPARED
9/29/2021

ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 6

COUNTY
ST LOUIS

JOB NO.
J6P3308

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

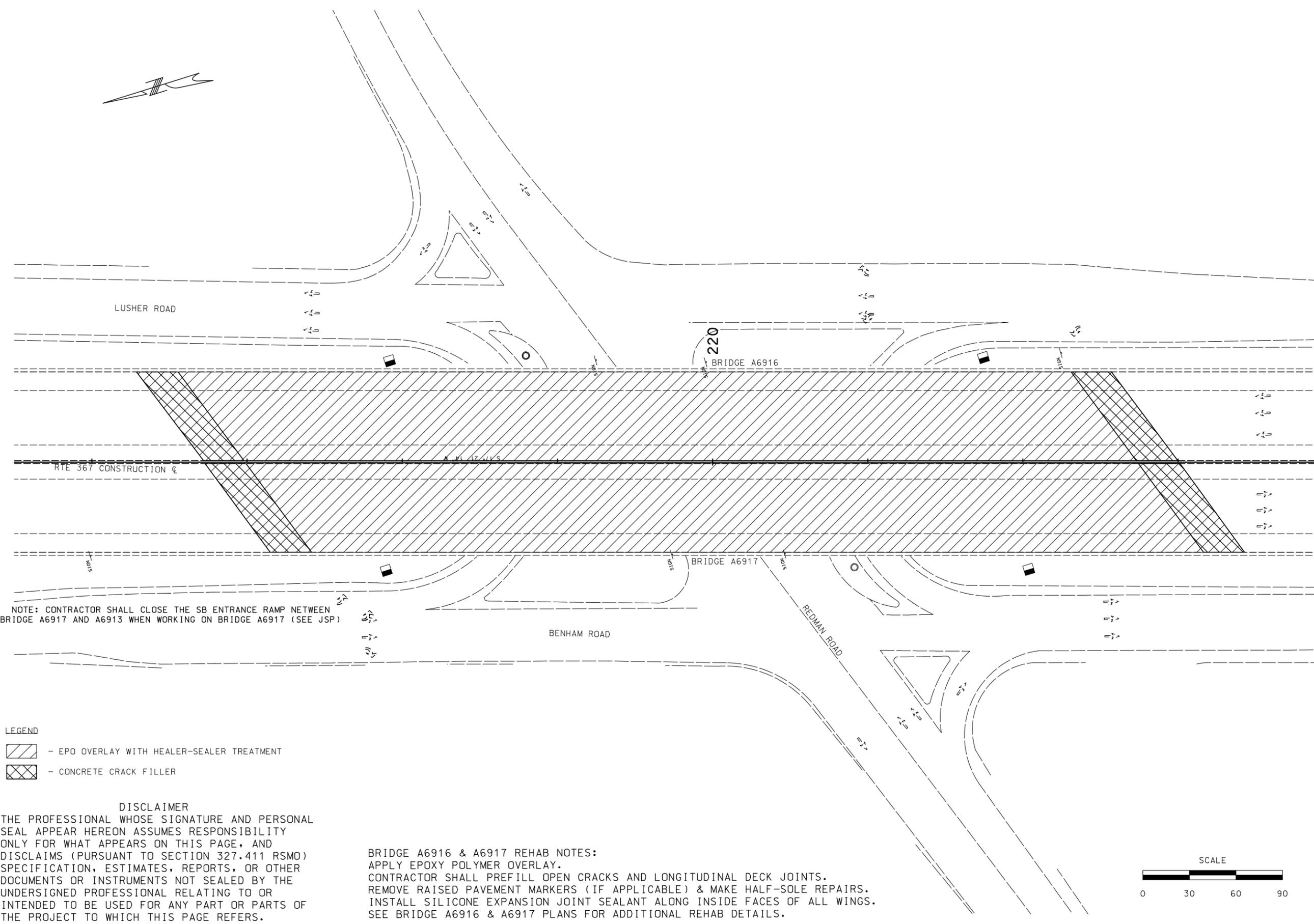
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



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

CONSTRUCTION PLAN

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

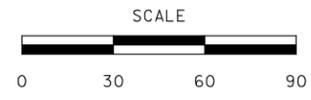


NOTE: CONTRACTOR SHALL CLOSE THE SB ENTRANCE RAMP BETWEEN BRIDGE A6917 AND A6913 WHEN WORKING ON BRIDGE A6917 (SEE JSP)

- LEGEND
-  - EPD OVERLAY WITH HEALER-SEALER TREATMENT
 -  - CONCRETE CRACK FILLER

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BRIDGE A6916 & A6917 REHAB NOTES:
 APPLY EPOXY POLYMER OVERLAY.
 CONTRACTOR SHALL PREFILL OPEN CRACKS AND LONGITUDINAL DECK JOINTS.
 REMOVE RAISED PAVEMENT MARKERS (IF APPLICABLE) & MAKE HALF-SOLE REPAIRS.
 INSTALL SILICONE EXPANSION JOINT SEALANT ALONG INSIDE FACES OF ALL WINGS.
 SEE BRIDGE A6916 & A6917 PLANS FOR ADDITIONAL REHAB DETAILS.



DATE PREPARED
8/5/2021

ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 7

COUNTY
ST LOUIS

JOB NO.
J6P3308

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



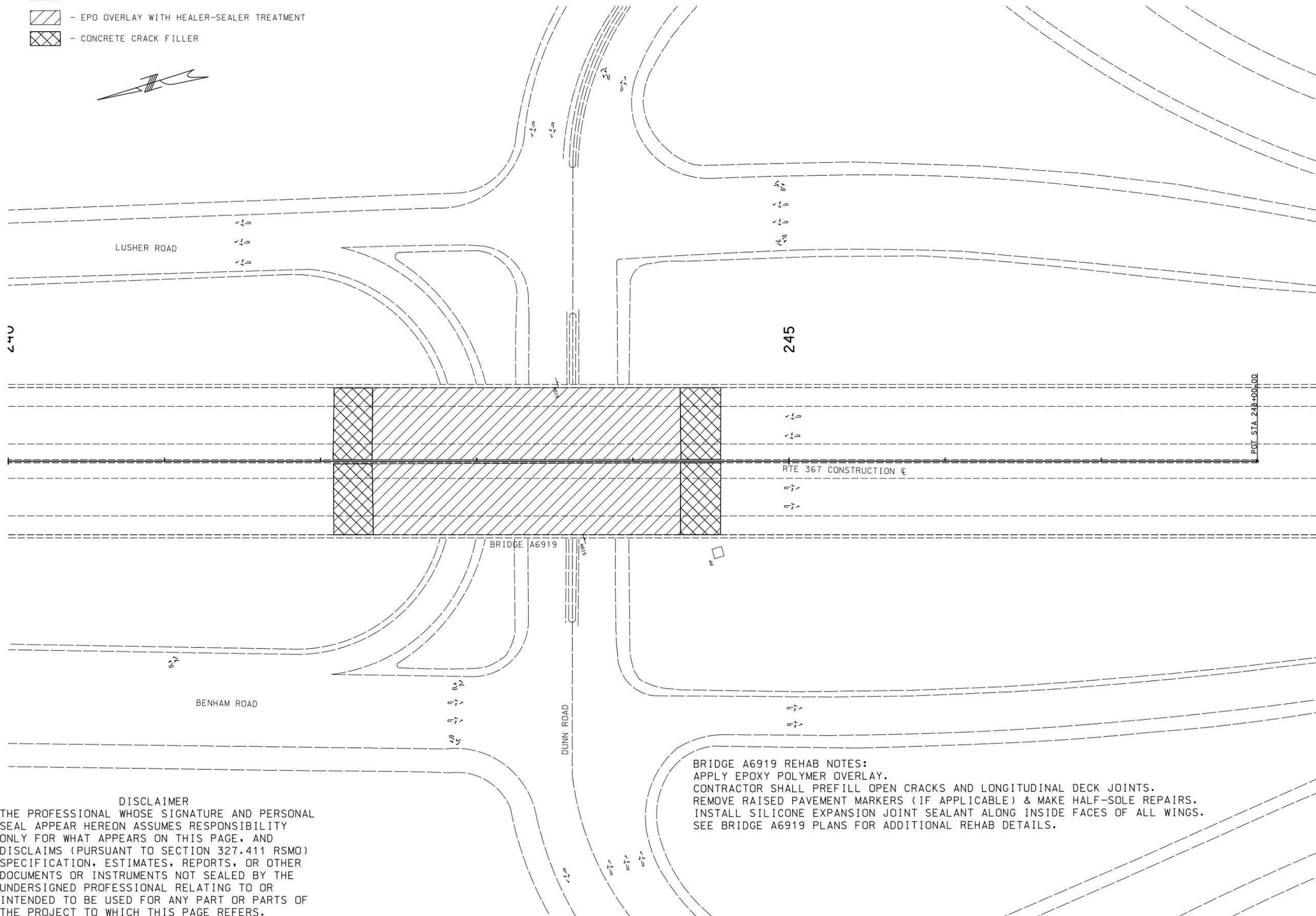
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

CONSTRUCTION PLAN

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

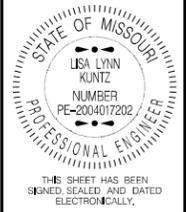
LEGEND

-  - EPO OVERLAY WITH HEALER-SEALER TREATMENT
-  - CONCRETE CRACK FILLER



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BRIDGE A6919 REHAB NOTES:
 APPLY EPOXY POLYMER OVERLAY.
 CONTRACTOR SHALL PREFILL OPEN CRACKS AND LONGITUDINAL DECK JOINTS.
 REMOVE RAISED PAVEMENT MARKERS (IF APPLICABLE) & MAKE HALF-SOLE REPAIRS.
 INSTALL SILICONE EXPANSION JOINT SEALANT ALONG INSIDE FACES OF ALL WINGS.
 SEE BRIDGE A6919 PLANS FOR ADDITIONAL REHAB DETAILS.



DATE PREPARED
 8/5/2021

ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 8

COUNTY
 ST LOUIS

JOB NO.
 J6P3308

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

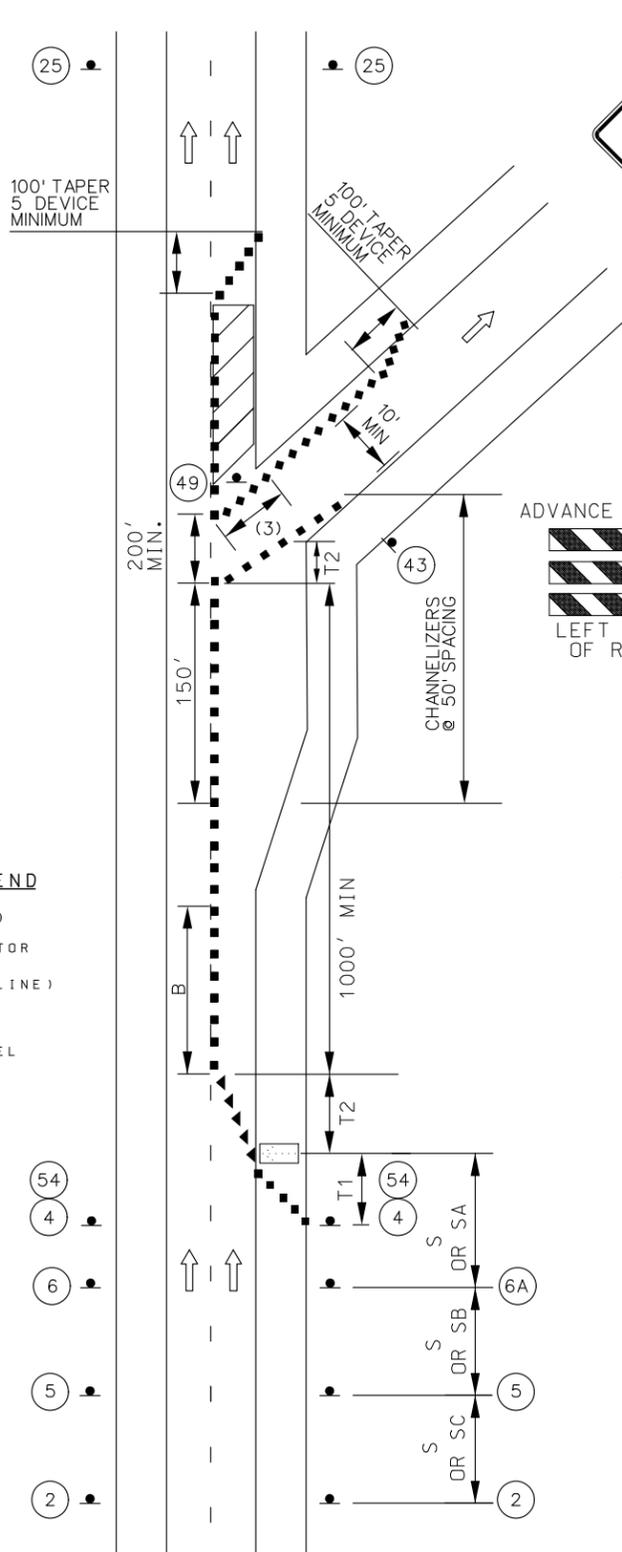
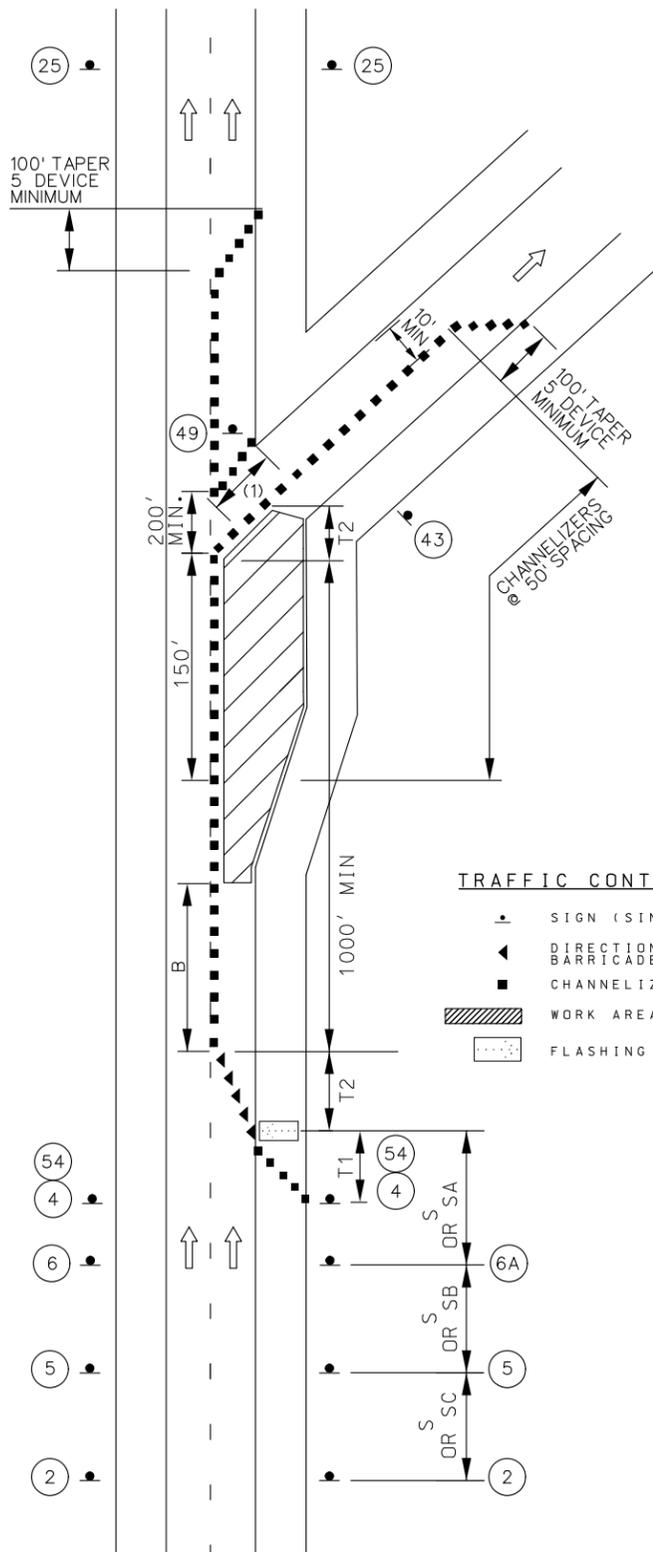


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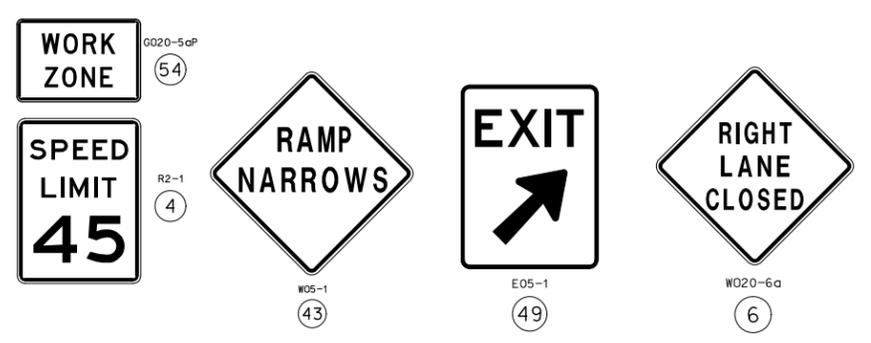
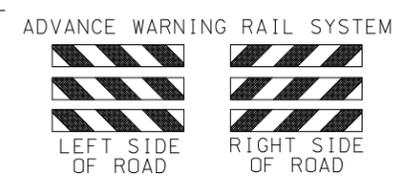
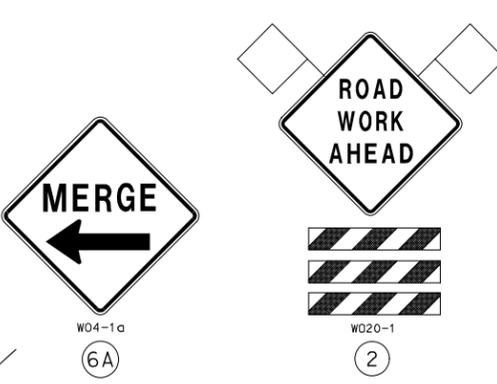
CONSTRUCTION PLAN

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

NOT TO SCALE



WORK IN THE VICINITY OF AN EXIT RAMP

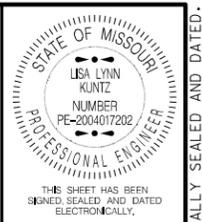


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NOTES:
SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
RAMP NARROWS SIGN IS REQUIRED WHEN RAMP WIDTH IS REDUCED
(3) 5 CHANNELIZER DEVICES MINIMUM
IF RUMBLE STRIPS ARE USED, REVIEW EPG 616.6.87 RUMBLE STRIPS.
FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.
FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.
REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)		TAPERS	BUFFER/ WORK AREAS
0-35	-	200	70	245	280	35	40
40-45	-	500	150	540	400	40	80
50-55	-	1000	185	660	560	50	80
60-70	-	SA-1000 SB-1500 SC-2640	235	840	840	60	120

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



DATE PREPARED
8/5/2021
ROUTE 367 STATE MO
DISTRICT SL SHEET NO. 13
COUNTY ST LOUIS
JOB NO. J6P3308
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

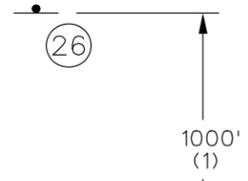
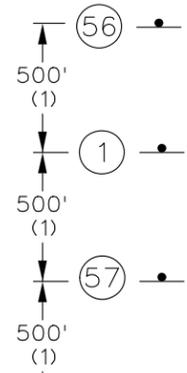
DATE	DESCRIPTION

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

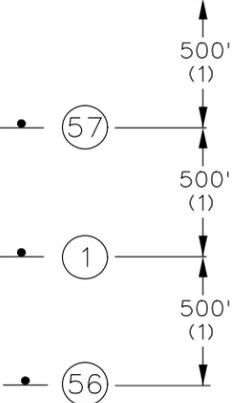
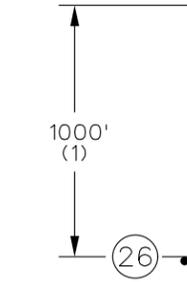
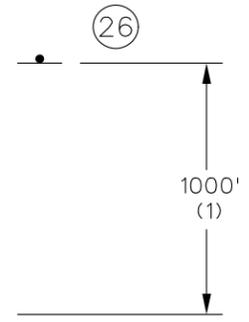
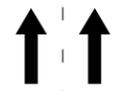
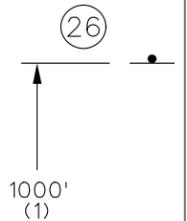
TRAFFIC CONTROL SHEET
WORK IN THE VICINITY
OF AN EXIT RAMP

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

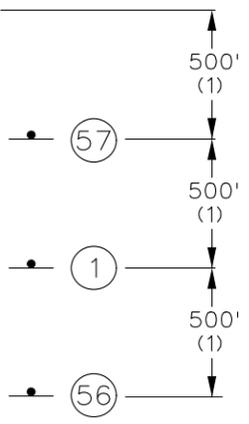
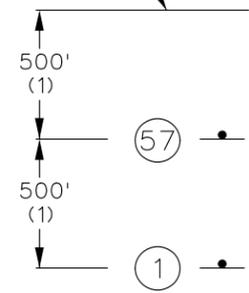
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END OF PROJECT LIMITS; END OF WORK ZONE TERMINATION AREA, IF LOCATED BEYOND END OF PROJECT; OR LAST WORK ZONE SIGN, IF LOCATED OUTSIDE PROJECT LIMITS.



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



NOTES:
 SIGN G020-1 IS REQUIRED PER EPG 616.6.56.
 SIGN G020-2 IS USED ON ALL PROJECTS WHERE SIGN G020-1 IS USED.
 OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.
 ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.

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

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

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

(4) THE "RATE OUR WORK ZONE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 24 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 LIGHTS OF WAY FOR A SIX FOOT WIDE SIGN. THE 72 IN. X 36 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS, BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. X 24 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

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

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



TWO-LANE UNDIVIDED

BEGIN/END OF PROJECT SIGNING
 (FOR USE ON ALL PROJECTS)

MULTI-LANE DIVIDED

STATE OF MISSOURI
 LISA LYNN KUNTZ
 NUMBER PE-2004017202
 PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/5/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 15
COUNTY ST LOUIS	
JOB NO. J6P3308	
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)

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

U.I.P. AND REHABILITATE EXISTING (55' - 70' - 55') PRESTRESSED CONCRETE I-GIRDER SPANS



DATE PREPARED
8/9/2021

ROUTE 367 STATE MO

DISTRICT BR SHEET NO. 1

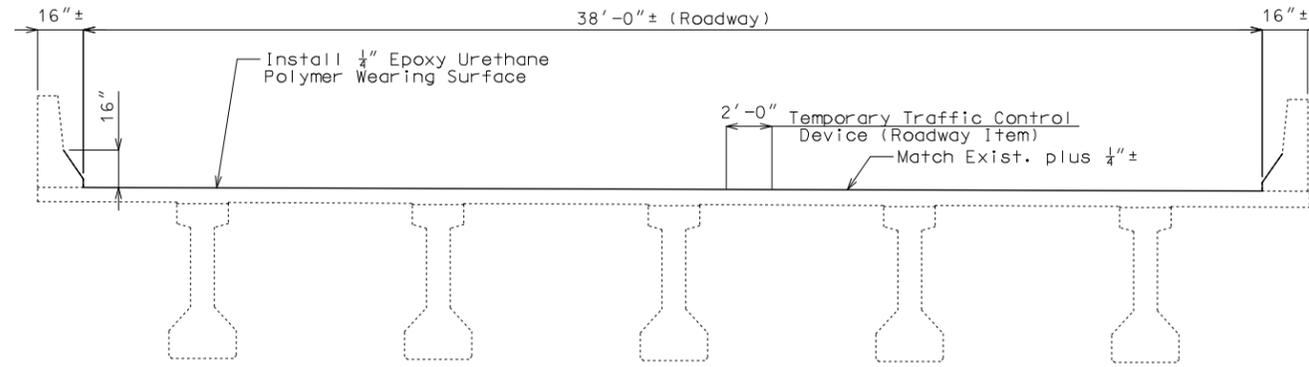
COUNTY ST. LOUIS

JOB NO. J6P3308

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A66371



TYPICAL SECTION THRU SLAB

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 7

Design Loading:

HS20 - Modified (1996)(Existing)

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match bridge overlay (Roadway Item).

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

Polymer and aggregate shall also be applied on the traffic faces of all safety barrier curbs for a distance of 16" vertically up the faces from the deck surface and for the full length of the bridge. Plan quantity includes barrier surface area to meet this requirement.

Traffic Handling:

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

Estimated Quantities

Item	sq. yard	Total
* Epoxy Urethane Polymer Wearing Surface with Healer/Sealer Primer	823	823
** Concrete Crack Filler	222	222

- * Overlay area includes slab and 16" vertical up roadway face on barrier curb.
- The contractor shall exercise care to ensure spillage over joint edges is prevented and that a neat line is obtained along any terminating edge of the wearing surface.
- ** Bridge approach slabs only. Grout mud-jacking holes in bridge approach slabs prior to overlay.

REPAIRS TO BRIDGE: ROUTE 367 NB OVER COLDWATER CREEK

ROUTE 367 NB FROM ROUTE I-270 TO ROUTE 67
ABOUT 0.3 MILES SOUTH OF ROUTE 67
BEG. STA. 108+71.43± (MATCH EXISTING)

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DESCRIPTION

DATE

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

U.I.P. AND REHABILITATE EXISTING (83'-145'-114'-145'-83') CONTINUOUS PLATE GIRDER SPANS (SKEW: 37°13'47" RA)



DATE PREPARED
8/9/2021

ROUTE 367 STATE MO

DISTRICT BR SHEET NO. 1

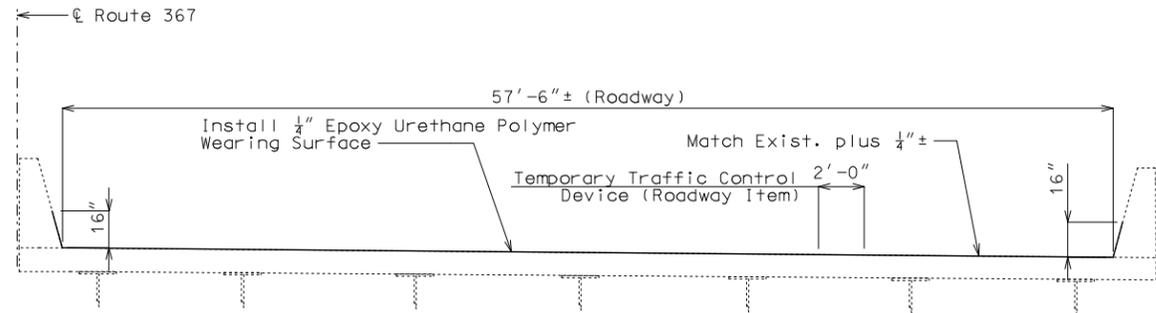
COUNTY ST. LOUIS

JOB NO. J6P3308

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A69171



TYPICAL SECTION THRU SLAB

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 7

Design Loading:

HS20 Modified (2002)(Existing)

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match bridge overlay (Roadway Item).

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

Polymer and aggregate shall also be applied on the traffic faces of all safety barrier curbs for a distance of 16" vertically up the faces from the deck surface and for the full length of the bridge. Plan quantity includes barrier surface area to meet this requirement.

Traffic Handling:

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

Estimated Quantities		
Item		Total
* Epoxy Urethane Polymer Wearing Surface with Healer/Sealer Primer	sq. yard	3851
** Concrete Crack Filler	sq. yard	334

- * Overlay area includes slab and 16" vertical up roadway face on barrier curb.
- The contractor shall exercise care to ensure spillage over joint edges is prevented and that a neat line is obtained along any terminating edge of the wearing surface.
- ** Bridge approach slabs only. Grout mud-jacking holes in bridge approach slabs prior to overlay.

REPAIRS TO BRIDGE: ROUTE 367 SB OVER REDMAN ROAD AND RAMPS 13 & 14

ROUTE 367 SB FROM ROUTE I-270 TO ROUTE 67 ABOUT 1.2 MILES NORTH OF I-270
BEG. STA. 216+99.05± (MATCH EXISTING)

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

U.I.P. AND REHABILITATE EXISTING (81'-114') COMPOSITE PLATE GIRDER SPANS



DATE PREPARED
8/9/2021

ROUTE 367 STATE MO

DISTRICT BR SHEET NO. 1

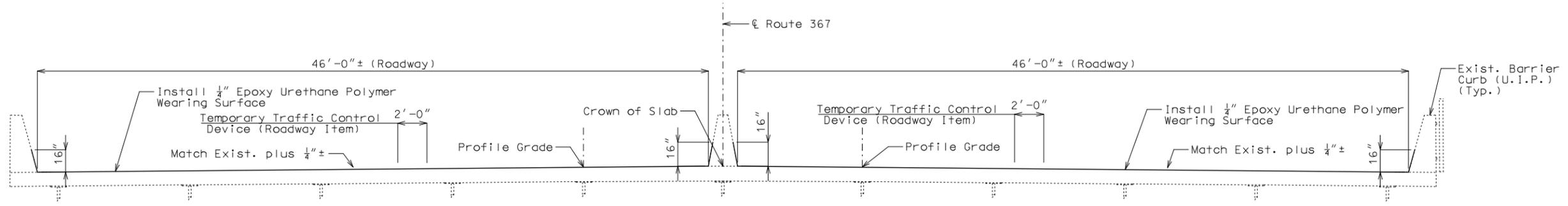
COUNTY ST. LOUIS

JOB NO. J6P3308

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A69191



TYPICAL SECTION THRU SLAB

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
Bridge Deck Rating = 7

Design Loading:

HS20 Modified (2002)(Existing)

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match bridge overlay (Roadway Item).

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

Polymer and aggregate shall also be applied on the traffic faces of all safety barrier curbs for a distance of 16" vertically up the faces from the deck surface and for the full length of the bridge. Plan quantity includes barrier surface area to meet this requirement.

Traffic Handling:

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

Estimated Quantities		
Item		Total
* Epoxy Urethane Polymer Wearing Surface with Healer/Sealer Primer	sq. yard	2143
** Concrete Crack Filler	sq. yard	541

- * Overlay area includes slab and 16" vertical up roadway face on barrier curb.
- The contractor shall exercise care to ensure spillage over joint edges is prevented and that a neat line is obtained along any terminating edge of the wearing surface.
- ** Bridge approach slabs only. Grout mud-jacking holes in bridge approach slabs prior to overlay.

REPAIRS TO BRIDGE: ROUTE 367 OVER DUNN RD. AND RAMP 17

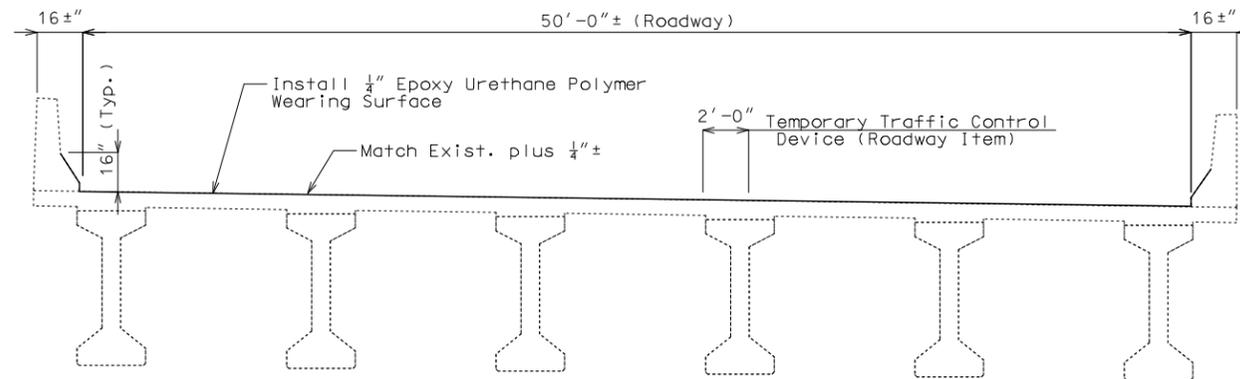
ROUTE 367 FROM ROUTE 1-270 TO ROUTE 67
ABOUT 0.6 MILE NORTH OF ROUTE 1-270
BEG. STA. 242+33.25± (MATCH EXISTING)

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

U.I.P. AND REHABILITATE EXISTING (69' - 103') PRESTRESSED CONCRETE I-GIRDER SPANS



TYPICAL SECTION THRU SLAB

General Notes:

Design Specifications:

2002 AASHTO LFD (17th Ed.) Standard Specifications
 Bridge Deck Rating = 7

Design Loading:

HS20 Modified (2002)(Existing)

Miscellaneous:

Roadway surfacing adjacent to bridge ends shall match bridge overlay (Roadway Item).

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

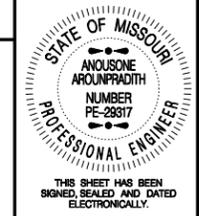
Polymer and aggregate shall also be applied on the traffic faces of all safety barrier curbs for a distance of 16" vertically up the faces from the deck surface and for the full length of the bridge. Plan quantity includes barrier surface area to meet this requirement.

Traffic Handling:

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

Estimated Quantities		
Item		Total
* Epoxy Urethane Polymer Wearing Surface with Healer/Sealer Primer	sq. yard	1007
** Concrete Crack Filler	sq. yard	289

- * Overlay area includes slab and 16" vertical up roadway face on barrier curb.
- The contractor shall exercise care to ensure spillage over joint edges is prevented and that a neat line is obtained along any terminating edge of the wearing surface.
- ** Bridge approach slabs only. Grout mud-jacking holes in bridge approach slabs prior to overlay.



DATE PREPARED
8/9/2021

ROUTE 367 STATE MO

DISTRICT BR SHEET NO. 1

COUNTY ST. LOUIS

JOB NO. J6P3308

CONTRACT ID.

PROJECT NO.

BRIDGE NO. A70871

DATE	DESCRIPTION

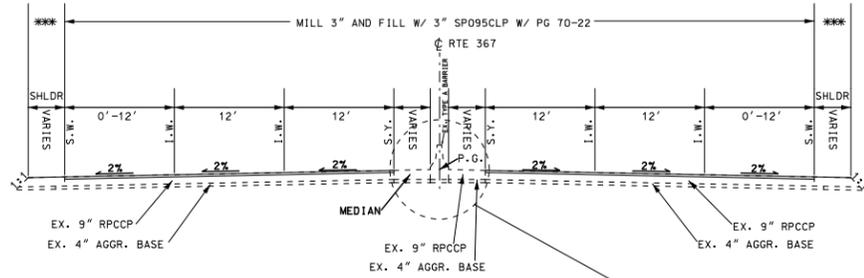
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

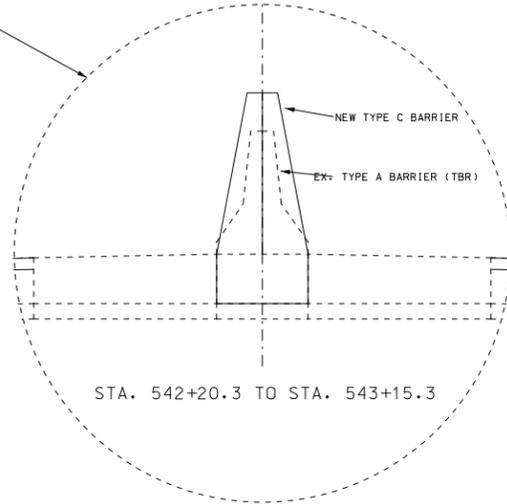
REPAIRS TO BRIDGE: ROUTE 367 SB
 OVER COLDWATER CREEK
 ROUTE 367 SB FROM ROUTE 1-270 TO ROUTE 67
 ABOUT 0.3 MILE SOUTH OF ROUTE 67
 BEG. STA. 109+14.74±(MATCH EXISTING)

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

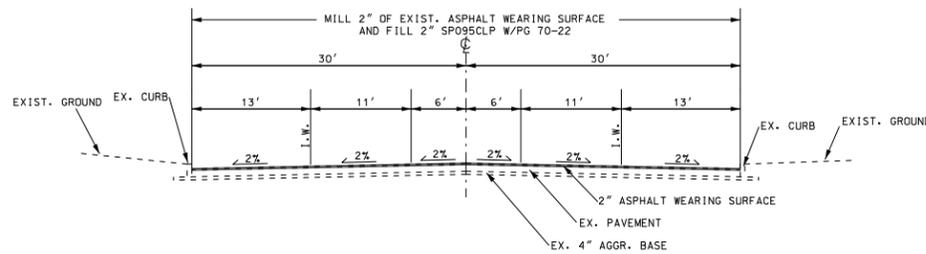
*** MILL 3" AND FILL
W/ 3" BP-2 W/ PG 64-22



SECTION RTE. 367
FROM I-270 TO MO VETERANS HOME



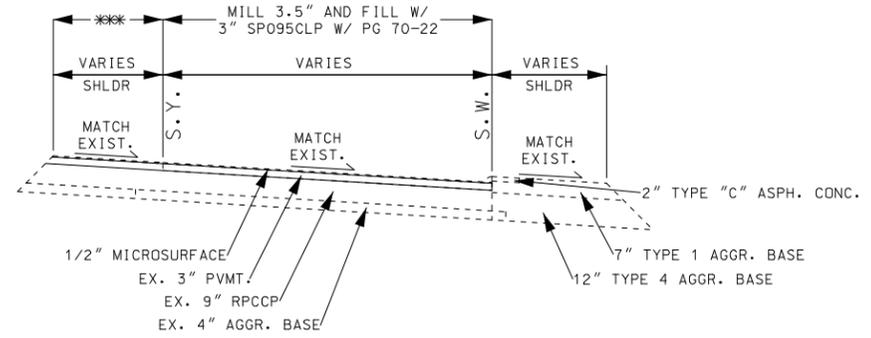
STA. 542+20.3 TO STA. 543+15.3



CHAMBERS ROAD MAINLINE PAVEMENT
EXISTING TYPICAL SECTION

NOT TO SCALE

*** MILL 3.5" AND FILL W/
3" BP-2 W/ PG 64-22



TYPICAL FOR I-270/RTE. 367 RAMPS

NOT TO SCALE

APPLICATION RATE:
SP095CLP APPLICATION RATE ESTIMATED AT 1.95 TON/CU.YD
SP190C APPLICATION RATE ESTIMATED AT 1.96 TON/CU.YD
BP-2 APPLICATION RATE ESTIMATED AT 1.96 TON/CU.YD

NOTE: MIN. THICKNESS OF RESURFACING
LIFTS OF BP-2 OR SP095 SHALL BE 1.5"

MSD PERMIT# 21MSD-00308

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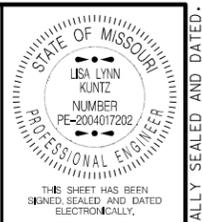
DATE PREPARED
8/6/2021
ROUTE 367 STATE MO
DISTRICT SL SHEET NO. 2
COUNTY ST. LOUIS
JOB NO. J6S3437
CONTRACT ID.
PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

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

TYPICAL SECTION SHEET
SHEET 1 OF 6

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



DATE PREPARED 8/6/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 2
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

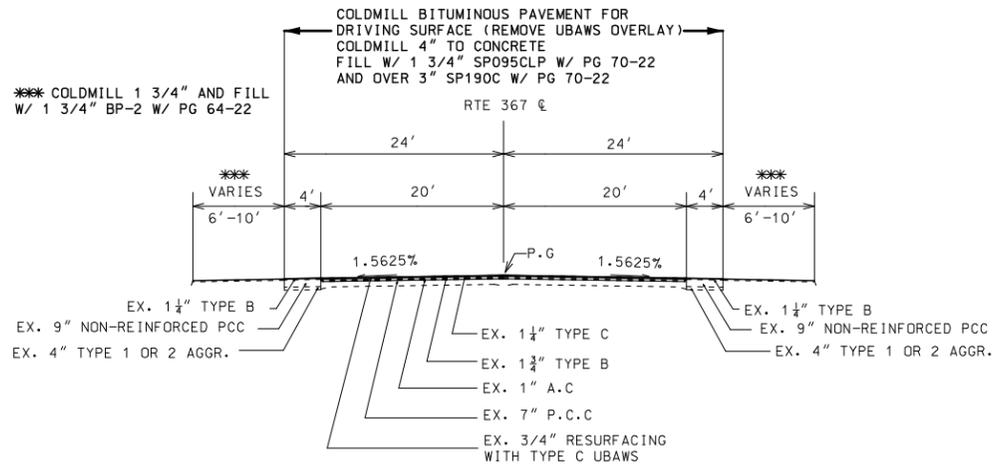
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

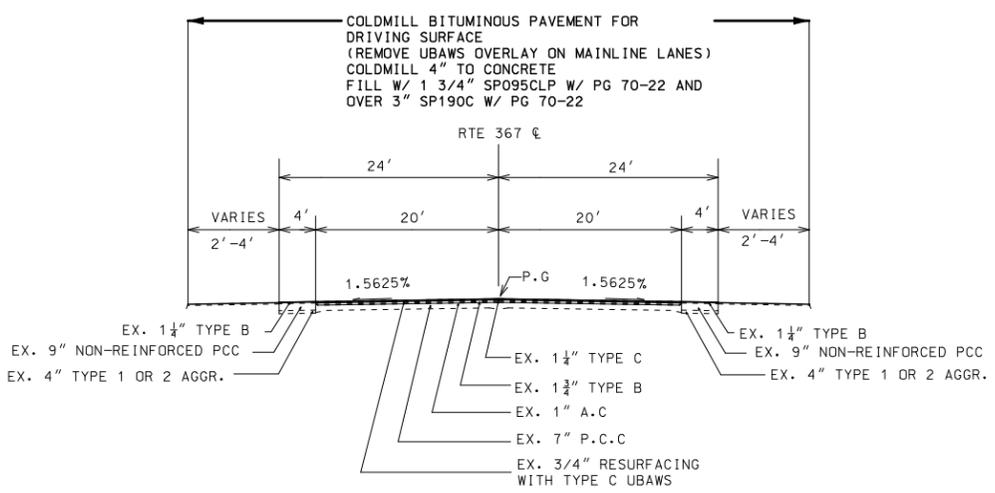
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TYPICAL SECTION SHEET
SHEET 2 OF 6

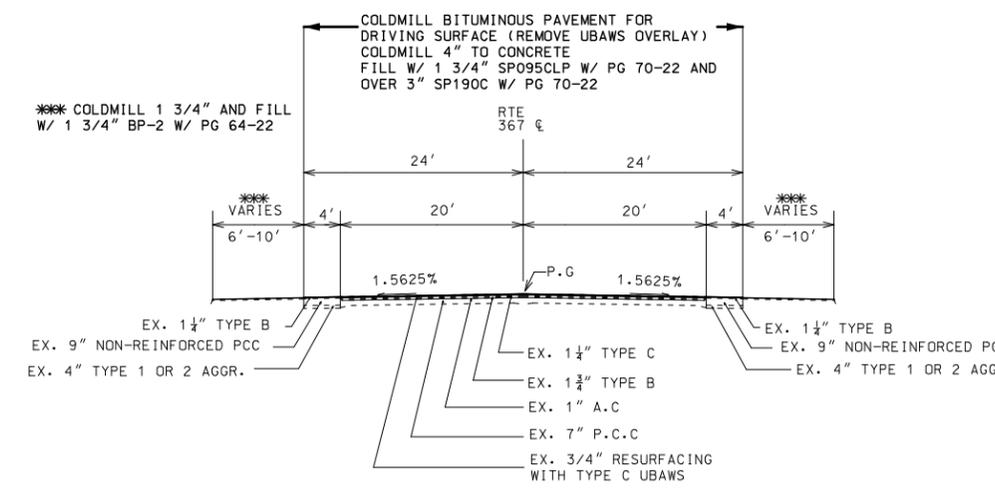
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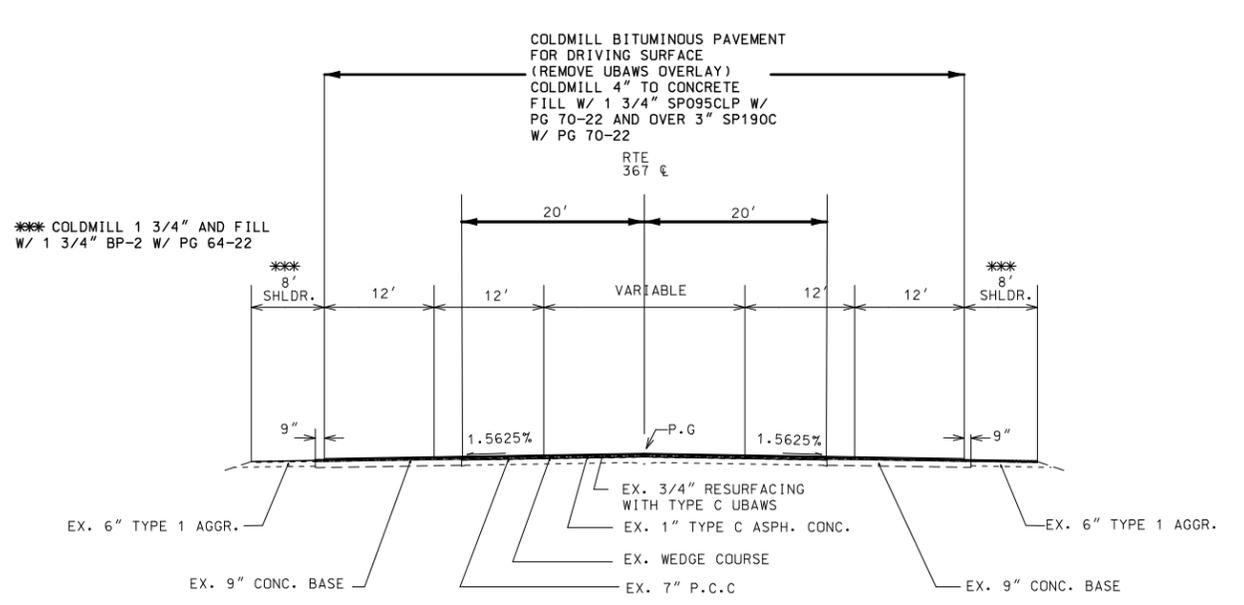
SECTION RTE. 367
STA. 519+17.22 - STA. 550+00.0



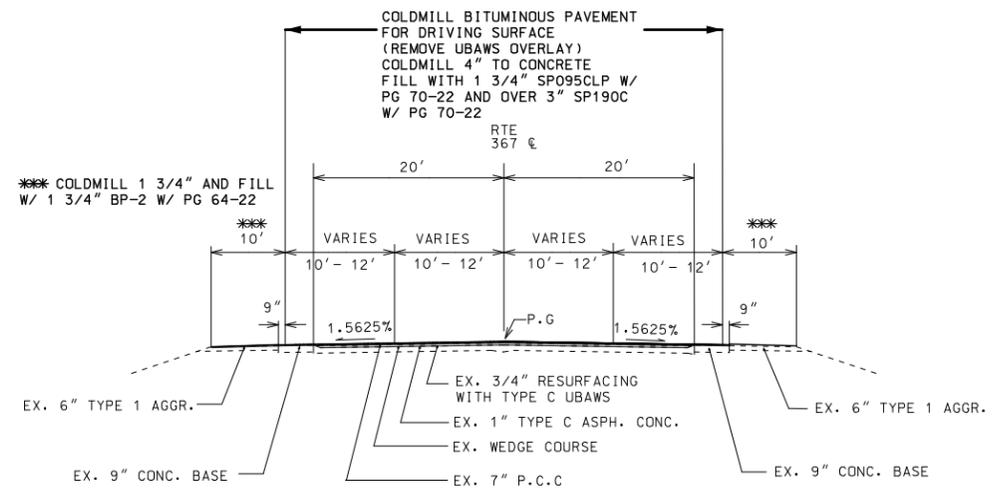
SECTION RTE. 367
STA. 555+19.4 - STA. 579+66.0
STA. 620+38.6 - STA. 626+24.3



SECTION RTE. 367
STA. 550+00.0 - STA. 555+19.4 STA. 633+19.6 - STA. 647+12
STA. 579+66.0 - STA. 593+31.1 STA. 662+93.0 - STA. 671+83.4
STA. 601+19.1 - STA. 604+01.4 STA. 684+83.4 - STA. 696+96.6
STA. 626+24.3 - STA. 633+19.6



SECTION RTE. 367
STA. 605+12.5 - STA. 620+38.5



SECTION RTE. 367
STA. 604+01.4 - STA. 605+12.5
STA. 619+27.6 - STA. 620+38.5

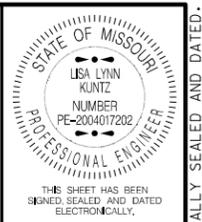
APPLICATION RATE:
SP095CLP APPLICATION RATE ESTIMATED AT 1.95 TON/CU.YD
SP190C APPLICATION RATE ESTIMATED AT 1.96 TON/CU.YD
BP-2 APPLICATION RATE ESTIMATED AT 1.96 TON/CU.YD

NOTE: MIN. THICKNESS OF RESURFACING LIFTS OF BP-2 OR SP095 SHALL BE 1.5"

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NOT TO SCALE

MSD PERMIT# 21MSD-00308



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
8/6/2021

ROUTE 367 STATE MO
DISTRICT SL SHEET NO. 2

COUNTY
ST. LOUIS

JOB NO.
J6S3437

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

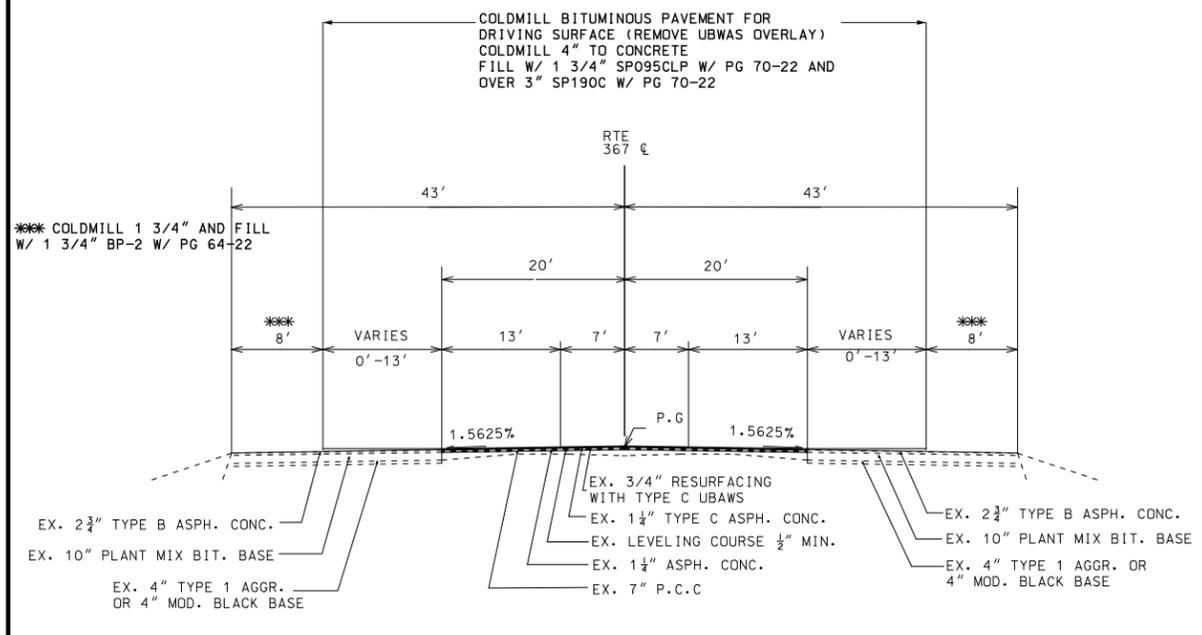
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

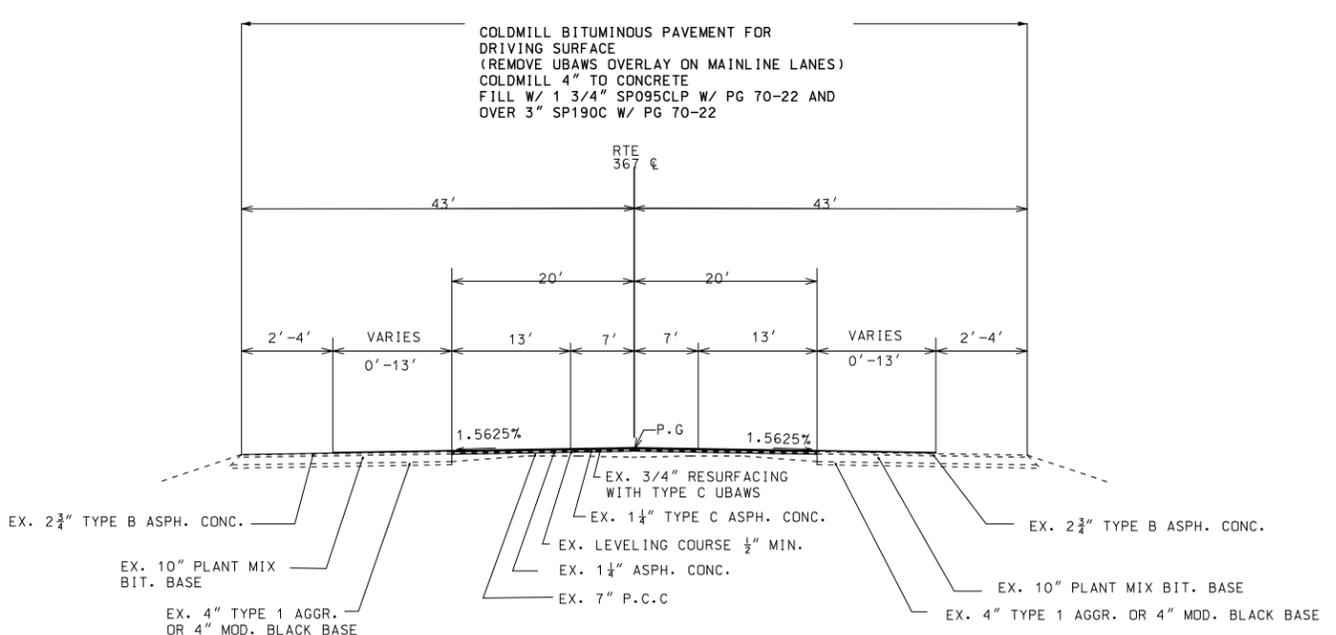
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

TYPICAL SECTION SHEET
SHEET 3 OF 6

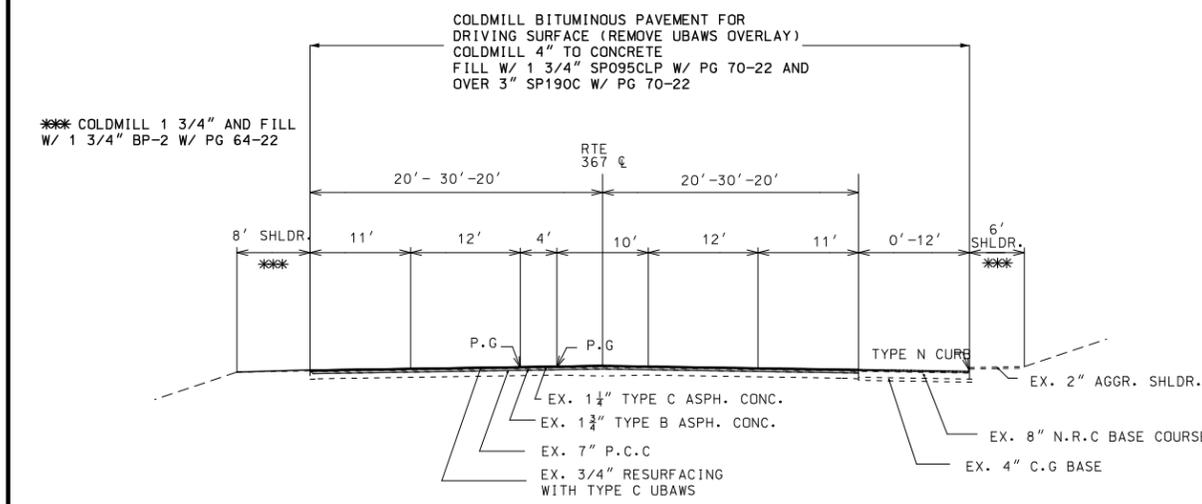
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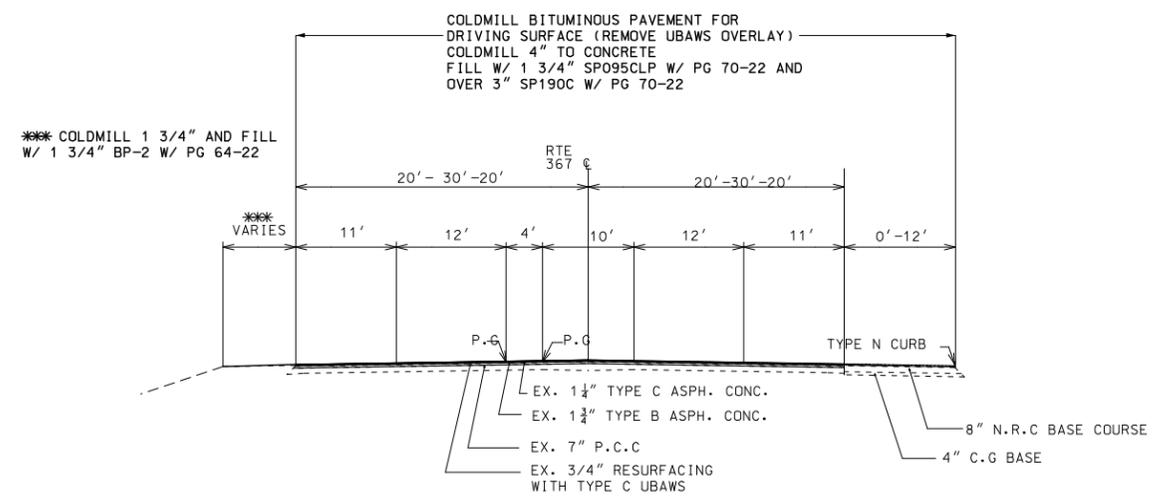
SECTION RTE. 367
STA. 647+62 - STA.661+18.2



SECTION RTE. 367
STA.661+18.2 - STA.662+93



SECTION RTE. 367
STA.671+83.4 - STA.677+23.2



SECTION RTE. 367
STA.677+23.2 - STA.684+63.4

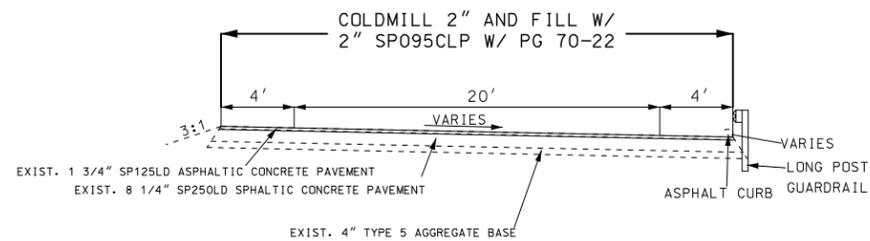
APPLICATION RATES:
SPO95CLP APPLICATION RATE ESTIMATED AT 1.95 TON/CU.YD
SP190C APPLICATION RATE ESTIMATED AT 1.96 TON/CU.YD
BP-2 APPLICATION RATE ESTIMATED AT 1.96 TON/CU.YD

NOTE: MIN. THICKNESS OF RESURFACING
LIFTS OF BP-2 OR SPO95 SHALL BE 1.5"

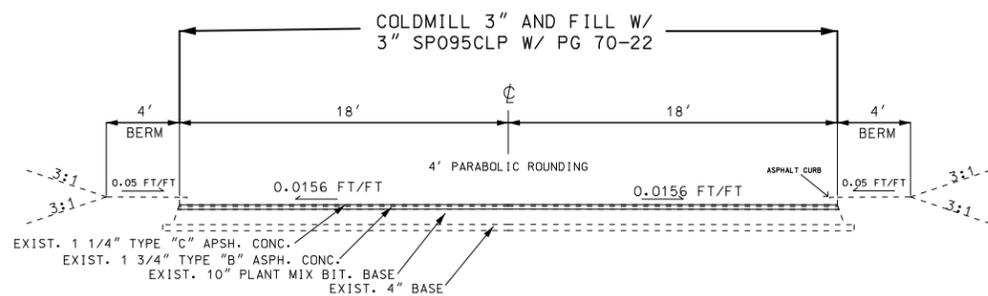
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NOT TO SCALE

MSD PERMIT# 21MSD-00308



TYPICAL SECTION - RAMPS TO/FROM CHAMBERS ROAD



TYPICAL SECTION - ST. CYR ROAD

11" ASPHALT BASE WIDENING
ON 6" TYPE 5 OR TYPE 7 AGGR. BASE

ASPHALT BASE WIDENING CONSISTS OF:
1.75" SP095CLP W/ PG 70-22
OVER 3" SP250C W/ PG 70-22
OVER 6.25" SP250C W/ PG 64-22

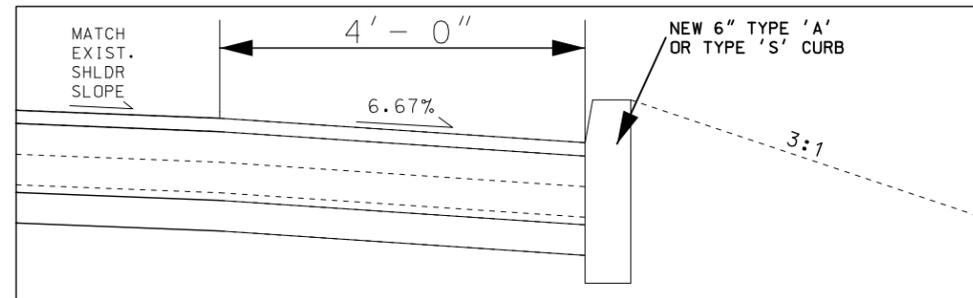
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SP190C APPLICATION RATE ESTIMATED AT 1.96 TON/CU.YD
BP-2 APPLICATION RATE ESTIMATED AT 1.96 TON/CU.YD

NOTE: MIN. THICKNESS OF RESURFACING
LIFTS OF BP-2 OR SP095 SHALL BE 1.5"

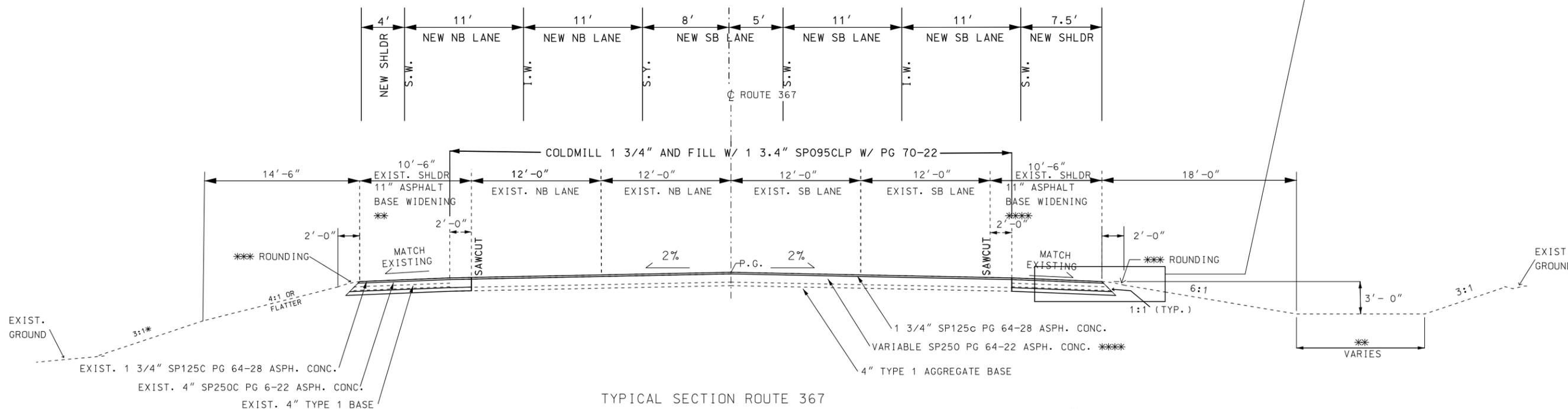
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SE% TRANSITIONS FOR SB ROUTE 367 SHOULDER (4' NEXT TO CURB)
STA. 629+50 (-3.7%) TO STA. 630+10 (-6.67%)
STA. 630+10 (-6.67%) TO STA. 630+20 (-6.67%)
STA. 630+20 (-6.67%) TO STA. 630+80 (MATCH EXIST)

TYPICAL SECTION
ROUTE 367 SB SHOULDER
STA. 629+50.0 TO STA. 630+80.0



NOT TO SCALE



TYPICAL SECTION ROUTE 367
STA. 624+96.9 TO STA. 633+16.1

NOTE: ** INDICATES 11" BASE WIDENING WILL VARY FROM
3' TO 5' BETWEEN STATIONS
& WILL INCLUDE FULL WIDTH REPLACEMENT BETWEEN STATIONS
629+50.0 TO STA. 630+80.0 (SEE X-SECTIONS FOR ADDITIONAL DETAILS)

NOTE: ** INDICATES 11" BASE WIDENING WILL VARY FROM
3' TO 7' BETWEEN STATIONS
& WILL INCLUDE WIDENING BETWEEN STATIONS
(SEE X-SECTIONS FOR ADDITIONAL DETAILS)



DATE PREPARED
8/6/2021

ROUTE
367 STATE
MO

DISTRICT
SL SHEET NO.
2

COUNTY
ST. LOUIS

JOB NO.
J6S3437

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

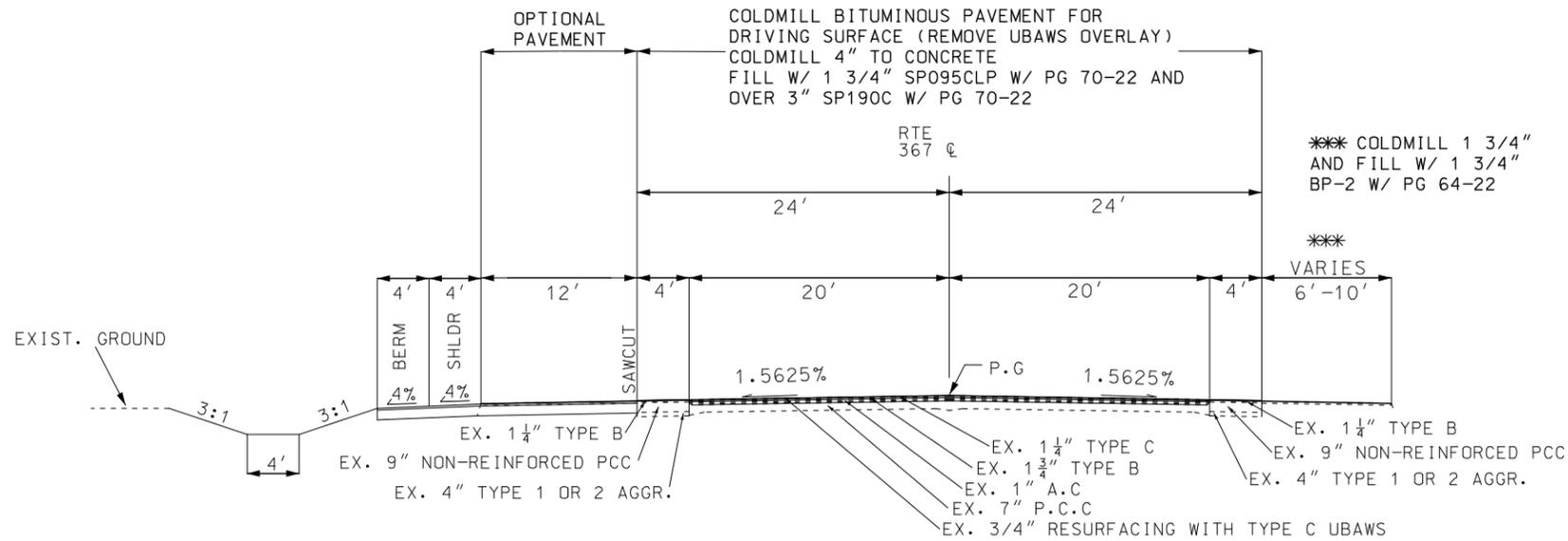
DATE	DESCRIPTION

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

TYPICAL SECTIONS
SHEET 4 OF 6

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

NOT TO SCALE



SECTION RTE. 367

APPLICATION RATE:
 SP095CLP APPLICATION RATE ESTIMATED AT 1.95 TON/CU.YD
 SP190C APPLICATION RATE ESTIMATED AT 1.96 TON/CU.YD
 BP-2 APPLICATION RATE ESTIMATED AT 1.96 TON/CU.YD

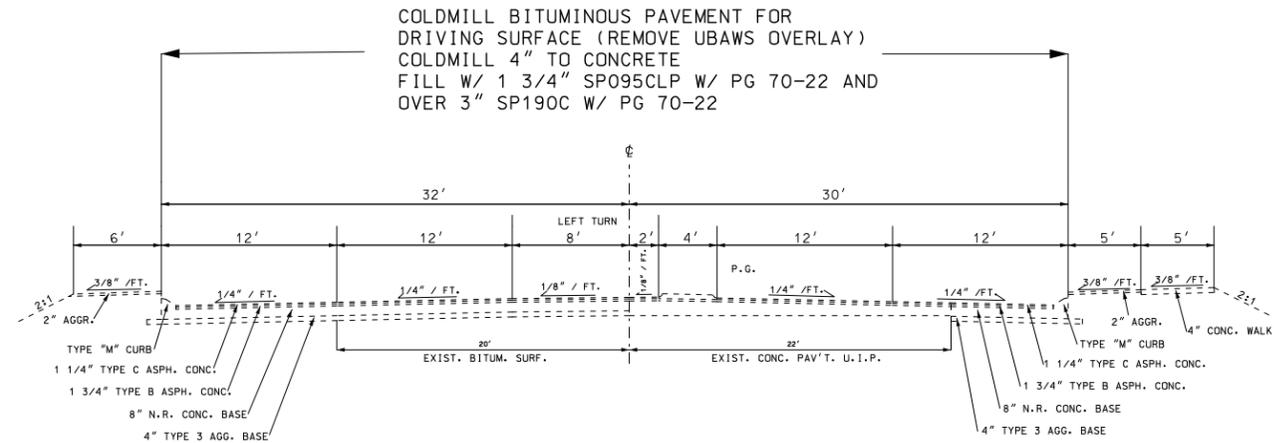
NOTE: MIN. THICKNESS OF RESURFACING LIFTS OF BP-2 OR SP095 SHALL BE 1.5"

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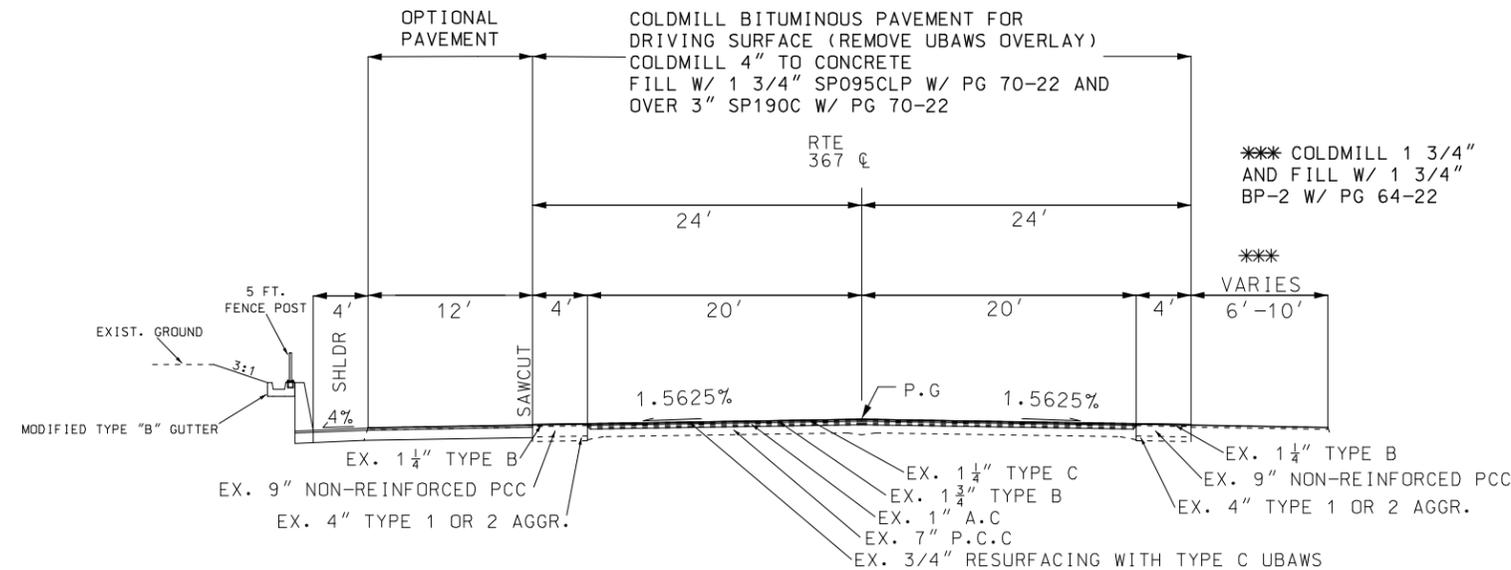
OPTIONAL PAVEMENT ON 6" TYPE 5 OR TYPE 7 AGGR. BASE

HMA OPTION:
 1.75" SP095CLP W/ PG 70-22
 OVER 3" SP250C W/ PG 70-22
 OVER 4.75" SP250C W/ PG 64-22

PCCP OPTION:
 8.5" PCCP W/ 1.25" DOWELS
 AND 15 FT. JOINT SPACING

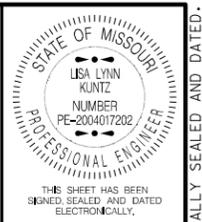


JENNINGS STATION RD- GOING WEST



SECTION RTE. 367

MSD PERMIT# 21MSD-00308



DATE PREPARED 8/6/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 2
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

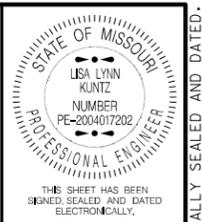
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TYPICAL SECTIONS
 SHEET 5 OF 6

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



RESURFACING

PLAN SHEET NO.	RDWY	STATION	STATION	LOCATION	ASPHALTIC CONCRETE MIXTURE PG 70-22 SPO95CLP SY	ASPHALTIC CONCRETE MIXTURE PG 70-22 SPO95CLP	ASPHALTIC CONCRETE MIXTURE PG 70-22 SP190C SY	ASPHALTIC CONCRETE MIXTURE PG 70-22 SP190C	BITUMINOUS PAVEMENT MIXTURE PG 64-22 (SL) BP-2 SY	BITUMINOUS PAVEMENT MIXTURE PG 64-22 (SL) BP-2	COLDMILLING BITUMINOUS PAVEMENT FOR DRIVING SURFACE	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3IN THICK OR LESS)	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (GREATER THAN 3IN THICK)	*TACK COAT	REMARKS
					ASPHALT PAY FACTOR (TONS/CY) 1.95 TONS	ASPHALT PAY FACTOR (TONS/CY) 1.96 TONS	ASPHALT PAY FACTOR (TONS/CY) 1.96 TONS	ASPHALT PAY FACTOR (TONS/CY) 1.96 TONS	SY	SY	SY	GAL			
4	367	519+17.22	528+00.00	LT & RT of CL	5798.8	942.3			1933.4	184.2		7732.2		1353.1	MAINLINE PVMT AND SHLDR
4	270 EXIT RAMP	521+84.48		RT of CL	2688.1	436.8						2688.1		349.4	WB 270 EXIT RAMP AT 367
5	367	528+00.00	540+00	LT & RT of CL	8225.0	1336.6			1293.0	123.2		9518.0		1730.8	MAINLINE PVMT AND SHLDR
5	270 ENTRANCE RAMP	535+91.09		LT of CL	1318.0	214.2						1318.0		171.3	EB 270 ENTRANCE RAMP (RAMP 4)
5	270 EXIT RAMP	535+97.17		RT of CL	3118.0	506.7						3118.0		405.3	EB 270 EXIT RAMP (RAMP 2)
6A	367	540+00.00	550+75.00	LT & RT of CL	7555.8	1227.8						7555.8		1435.6	MAINLINE PVMT
6A	376	550+75.00	552+00.00	LT & RT of CL	1167.4	110.7								221.8	MAINLINE PVMT
6A	367	540+00.00	552+00.00	RT of CL					1041.7	99.2		1041.7		135.4	SHOULDERS
6A	367	552+00.00	564+00.00	LT & RT of CL	6848.9	649.2	6848.9	1118.7	1247.7	118.9	6848.9	1247.7	6848.9	1463.5	MAINLINE PVMT AND SHLDR
6B	BELLEFONTAINE PO ROAD	-	-	-	4744.3	449.7						4744.3		616.8	MILL/FILL TO GATES OF PROJECT OFFICE
7	367	564+00.00	578+00.00	LT & RT of CL	8291.6	786.0	8291.6	1354.3	1012.9	96.5	8291.6	1012.9	8291.6	1707.1	MAINLINE PVMT AND SHLDR (INCL. HAVILAND)
7	367	578+00.00	592+00.00	LT & RT of CL	8599.6	815.2	8599.6	1404.6	2526.0	240.7	8599.6	2526.0	8599.6	1962.3	MAINLINE PVMT AND SHLDR (INCL. COMET & PRINCESS)
8	367	592+00.00	593+30.06	LT & RT of CL	578.0	54.8	578.0	94.4	30.0	2.9	578.0	30.0	578.0	113.7	MAINLINE PVMT AND SHLDR
8	367	601+19.07	606+00.00	LT & RT of CL	2296.0	217.6	2296.0	375.0	552.2	52.6	2296.0	552.2	2296.0	508.0	MAINLINE PVMT AND SHLDR
8	CHAMBERS RAMP	592+37.69		LT & RT of CL	1722.8	186.6						1722.8		224.0	NW CHAMBERS RAMP
8	CHAMBERS RAMP	592+37.70		LT & RT of CL	1545.0	167.4						1545.0		200.9	NE CHAMBERS RAMP
8	CHAMBERS RAMP	603+08.73		LT & RT of CL	1572.1	170.3						1572.1		204.4	SE CHAMBERS RAMP
8	CHAMBERS RAMP	603+20.93		LT & RT of CL	1608.9	174.3						1608.9		209.2	SW CHAMBERS RAMP
8	CHAMBERS ROAD	13+68.31	17+50.19	LT & RT of CL	1725.0	186.9						1725.0		224.3	MAINLINE PVMT ON CHAMBERS ROAD
8	367	606+00.00	620+00.00	LT & RT of CL	10301.0	976.4	10301.0	1682.5	2456.0	234.0	10301.0	2456.0	10301.0	2276.5	MAINLINE PVMT AND SHLDR (INCL. NORTHUMBERLAND & BERWYN)
9	367	620+00.00	634+00.00	LT & RT of CL					2529.6	241.0		2529.6		328.8	SHOULDERS
9	367	620+00.00	623+71.56	LT & RT of CL	2200.0	208.5	2200.0	359.3						418.0	MAINLINE PVMT
9	367	623+71.56	633+16.60	LT & RT of CL	4738.0	513.3								615.9	MAINLINE PVMT AT WIDENING
9	367	634+00.00	684+00.00	LT & RT of CL	6202.0	587.9	6202.0	1013.0	2433.0	231.8	6202.0	2433.0	6202.0	1494.7	MAINLINE PVMT AND SHLDR (INCL. SUNBEAM & AMESBURY)
10	367	648+00.00	662+00.00	LT & RT of CL	9783.6	927.4	9783.6	1598.0	2348.0	223.7	9783.6	2348.0	9783.6	2164.1	MAINLINE PVMT AND SHLDR
10	ST. CYR	9+00.00	11+00.00	LT & RT of CL	521.1	84.7								67.7	MAINLINE PVMT ON ST. CYR
10	367	662+00.00	676+00.00	LT & RT of CL	7060.0	669.2	7060.0	1153.1	2716.0	258.8	7060.0	2716.0	7060.0	1694.5	MAINLINE PVMT AND SHLDR
11	367	676+00.00	690+00.00	LT & RT of CL	11159.0	1057.8	11159.0	1822.6	1896.0	180.6	11159.0	1896.0	11159.0	2366.7	MAINLINE PVMT AND SHLDR (INCL. JENNINGS STATION)
11	367	690+00.00	698+54.86	LT & RT of CL	3955.0	374.9	3955.0	646.0	1315.0	125.3	3955.0	1315.0	3955.0	922.4	MAINLINE PVMT AND SHLDR
SUBTOTALS					125322.9	14033.2	77274.7	12621.5	25330.5	2413.4	75074.7	66952.2	75074.7	25586.2	
PAY TOTALS						14033.2		12621.5		2413.4	75075	66952	75075	25586	

*TACK COAT APPLICATION RATE =
0.13 GAL/SY FOR TOP LIFT
0.06 GAL/SY FOR SECOND LIFT IF NEEDED

CONCRETE TRAFFIC BARRIER

PLAN SHEET NO.	STATION	STATION	LOCATION	ROADWAY	CONCRETE TRAFFIC BARRIER TYPE "C"	CONCRETE TRAFFIC BARRIER TYPE "D"	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	7.5" NRPCCP	REMARKS
					(LF)	(LF)	(SY)	(SY)	
5	537+27	537+52	LT	367		25.0	22.2	22.2	IN FRONT OF SIGN TRUSS FOOTING
6	542+20	543+15	CENTER	367	95		49.0	49.0	REPLACES EXISTING BARRIER TRANSITION SECTION AND ISLAND
TOTAL					95.0	25.0	71.2	71.2	
PAY TOTAL					95	25	**	**	

NOTE: ** INDICATES SEE OPTIONAL PAVEMENT FOR PAY TOTAL.

TYPE 1 ROCK DITCH LINER

PLAN SHEET NO.	LOCATION	AREA SF	DEPTH FT.	FURNISHING ROCK DITCH LINER (C.Y.)	PLACING ROCK DITCH LINER (C.Y.)	REMARKS
19	N. OF BARRIER	21.3	0.67	0.5	0.5	
19	S. OF BARRIER	77.4	0.67	1.9	1.9	
PAY TOTALS				3	3	

NOTE: PLACE ROCK DITCH LINER BETWEEN BARRIER & GUTTER WHERE GUTTER IS NOT NEXT TO BARRIER.

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DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



SUMMARY OF QUANTITIES SHEET
SHEET 2 OF 12

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

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

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
W01-1L	48X48	16.00						TURN (SYMBOL LEFT ARROW)
W01-1R	48X48	16.00						TURN (SYMBOL RIGHT ARROW)
W01-2L	48X48	16.00						CURVE (SYMBOL LEFT ARROW)
W01-2R	48X48	16.00						CURVE (SYMBOL RIGHT ARROW)
W01-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT ARROW)
W01-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT ARROW)
W01-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT ARROW)
W01-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT ARROW)
W01-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LT ARROWS)
W01-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RT ARROWS)
W01-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
W01-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
W01-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
W01-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
W01-8	18X24	3.00						CHEVRON (SYMBOL)
W01-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
W03-1	48X48	16.00						STOP AHEAD (SYMBOL)
W03-2	48X48	16.00						YIELD AHEAD (SYMBOL)
W03-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
W03-4	48X48	16.00						BE PREPARED TO STOP
W03-5	48X48	16.00						SPEED LIMIT AHEAD
W04-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
W04-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
W04-1aL	48X48	16.00	1	16.00			6A	MERGE (ARROW SYMBOL)
W04-1aR	48X48	16.00	1	16.00			6A	MERGE (ARROW SYMBOL)
W05-1	48X48	16.00	1	16.00			43	ROAD/BRIDGE/RAMP NARROWS
W05-3	48X48	16.00						ONE LANE BRIDGE
W05-5	48X48	16.00	1	16.00			34	NARROW LANES
W06-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
W06-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
W06-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
W07-3a	30X24	5.00	1	5.00			44A	NEXT XX MILES (PLAQUE)
W08-1	48X48	16.00						BUMP
W08-2	48X48	16.00						DIP
W08-3	48X48	16.00						PAVEMENT ENDS
W08-4	48X48	16.00						SOFT SHOULDER
W08-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
W08-6	48X48	16.00						TRUCK CROSSING (WITH FLAGS)
W08-6c	48X48	16.00						TRUCK ENTRANCE
W08-7	36X36	9.00						LOOSE GRAVEL
W08-7a	36X36	9.00						FRESH OIL/LOOSE GRAVEL
W08-9	48X48	16.00	2	32.00				LOW SHOULDER
W08-11	48X48	16.00						UNEVEN LANES
W08-12	48X48	16.00	2	32.00			35	NO CENTER LINE
W08-15	48X48	16.00						GROOVED PAVEMENT
W08-15P	30X24	5.00	2	10.00				MOTORCYCLE (PLAQUE)
W08-17	48X48	16.00						SHOULDER DROP-OFF (SYMBOL)
W08-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
W10-1	42RND.	9.62						RAILROAD CROSSING
W012-1	24X24	4.00	2	8.00				DOUBLE DOWN ARROW (SYMBOL)
W012-2	48X48	16.00						LOW CLEARANCE (SYMBOL)
W012-2X	24X18	3.00						LOW CLEARANCE (PLAQUE)
W012-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)
W012-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD
W012-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD
W013-1	30X30	6.25						ADVISORY SPEED (PLAQUE)
W016-2	30X24	5.00						XXX FEET (PLAQUE)
W016-3	30X24	5.00						X MILE (PLAQUE)
W020-1	48X48	16.00	14	224.00			2	ROAD/BRIDGE/RAMP WORK AHEAD
W020-2	48X48	16.00						DETOUR AHEAD
W020-3	48X48	16.00						ROAD CLOSED AHEAD
W020-4	48X48	16.00						ONE LANE ROAD AHEAD
W020-5	48X48	16.00	2	32.00			5	RIGHT/CENTER/LEFT LANE CLOSED AHEAD
W020-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
W020-6a	48X48	16.00	2	32.00			6	RIGHT/CENTER/LEFT LANE CLOSED
W020-7a	48X48	16.00						FLAGGER (SYMBOL, WITH FLAGS)
W021-2	36X36	9.00						FRESH OIL
W021-5	48X48	16.00	2	32.00			21	SHOULDER WORK AHEAD
W022-1	48X48	16.00						BLASTING ZONE AHEAD
W022-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
W022-3	42X36	10.50						END BLASTING ZONE
G022-1	21X15	2.19	2	4.38				WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
GUIDE SIGNS								
E05-1	36X48	12.00						GORE EXIT
E05-2	48X36	12.00						EXIT OPEN
E05-2a	48X36	12.00	1	12.00				EXIT CLOSED
G020-1	60X24	10.00	2	20.00			1	ROAD WORK NEXT 4 MILES
G020-2	48X24	8.00	4	32.00			26	END ROAD WORK
G020-4	36X18	4.50						PILOT CAR FOLLOW ME
G020-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW
G020-4a	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW
G020-5aP	36X24	6.00	2	12.00			54	WORK ZONE (PLAQUE)
M04-8a	24X18	3.00						END DETOUR
M04-9L	48X36	12.00						DETOUR (LEFT ARROW)
M04-9R	48X36	12.00						DETOUR (RIGHT ARROW)
M04-9P	48X12	4.00						STREET NAME (PLAQUE)
M04-10L	48X18	6.00						DETOUR (ARROW LEFT)
M04-10R	48X18	6.00						DETOUR (ARROW RIGHT)
REGULATORY SIGNS								
R1-1	48X48	13.25						STOP
R1-2	48TRI.	6.93	1	6.93			13	YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00	4	48.00			0	SPEED LIMIT 35, 45
R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)
R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)
R3-3	36X36	9.00						NO TURNS
R3-4	48X48	16.00						NO U-TURN (SYMBOL)
R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT
R3-7R	30X30	6.25	1	6.25			7	RIGHT LANE MUST TURN RIGHT
R4-1	36X48	12.00						DO NOT PASS
R4-2	36X48	12.00						PASS WITH CARE
R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R5-1	30X30	6.25						DO NOT ENTER
R5-1a	36X24	6.00						WRONG WAY
R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)
R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)
R6-2L	24X30	5.00						ONE WAY (LEFT)
R6-2R	24X30	5.00						ONE WAY (RIGHT)
R9-9	24X12	2.00	1	2.00				SIDEWALK CLOSED
R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE
R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE
R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)
R11-2	48X30	10.00	2	20.00				ROAD CLOSED
R11-3a	60X30	12.50						ROAD CLOSED XX MILES AHEAD
R11-4	60X30	12.50						LOCAL TRAFFIC ONLY
R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC
CONST-3A	60X48	20.00						FINE SIGN
CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)
MISCELLANEOUS SIGNS								
CONST-5	48X36	12.00						POINT OF PRESENCE
CONST-5	96X48	32.00	2	64.00			55	POINT OF PRESENCE
CONST-7	48X24	8.00						RATE OUR WORK ZONE
CONST-7	72X36	18.00	2	36.00			56	RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24.00			57	WORK ZONE NO PHONE ZONE

616-10.05	TOTAL	
CONSTRUCTION SIGNS	759	
616-10.10	TOTAL	
RELOCATED SIGNS	0	

* NOTE: NO DIRECT PAYMENT SHALL BE MADE TO RELOCATE OR COVER/UNCOVER EXISTING OR TCP SIGNS.
 ** INDICATES ITEM NOT INCLUDED IN TEMP. TRAFFIC CONTROL LUMP SUM BID ITEM.
 TEMPORARY TRAFFIC CONTROL = 1 LUMP SUM

ITEM NUMBER	TOTAL QTY	DESCRIPTION
6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
6122009	1 **	IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
6122012	2 **	IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
6122020	22 **	REPLACEMENT SAND BARREL
6122030		IMPACT ATTENUATOR (RELOCATION)
6123000A	3	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)
6161008	6	ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	250	CHANNELIZER (TRIM LINE)
6161030	13	TYPE III MOVEABLE BARRICADE
6161033	26	DIRECTION INDICATOR BARRICADE
6161040	2	FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161051		WARNING LIGHT, TYPE A
6161052		WARNING LIGHT, TYPE B
6161053		WARNING LIGHT, TYPE C
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN W/D COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED
6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM
6162002		TEMPORARY LONG-TERM RUMBLE STRIPS
6162004		TEMPORARY SHORT-TERM RUMBLE STRIPS
6173600D	963 **	TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/RETAINED
6173602B		TEMPORARY TRAFFIC BARRIER CONTRACTOR FURNISHED/COMMISSION RETAINED
6174000A		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION
6175010A		RELOCATING TEMPORARY TRAFFIC BARRIER
6176000B		TEMPORARY TRAFFIC BARRIER COMMISSION FURNISHED/RETAINED
6177000B		TEMP. TRAFFIC BARRIER HEIGHT TRANSITION COMMISSION FURNISHED/RETAINED
6208064A		TEMPORARY RAISED PAVEMENT MARKER
9029400		TEMPORARY TRAFFIC SIGNALS

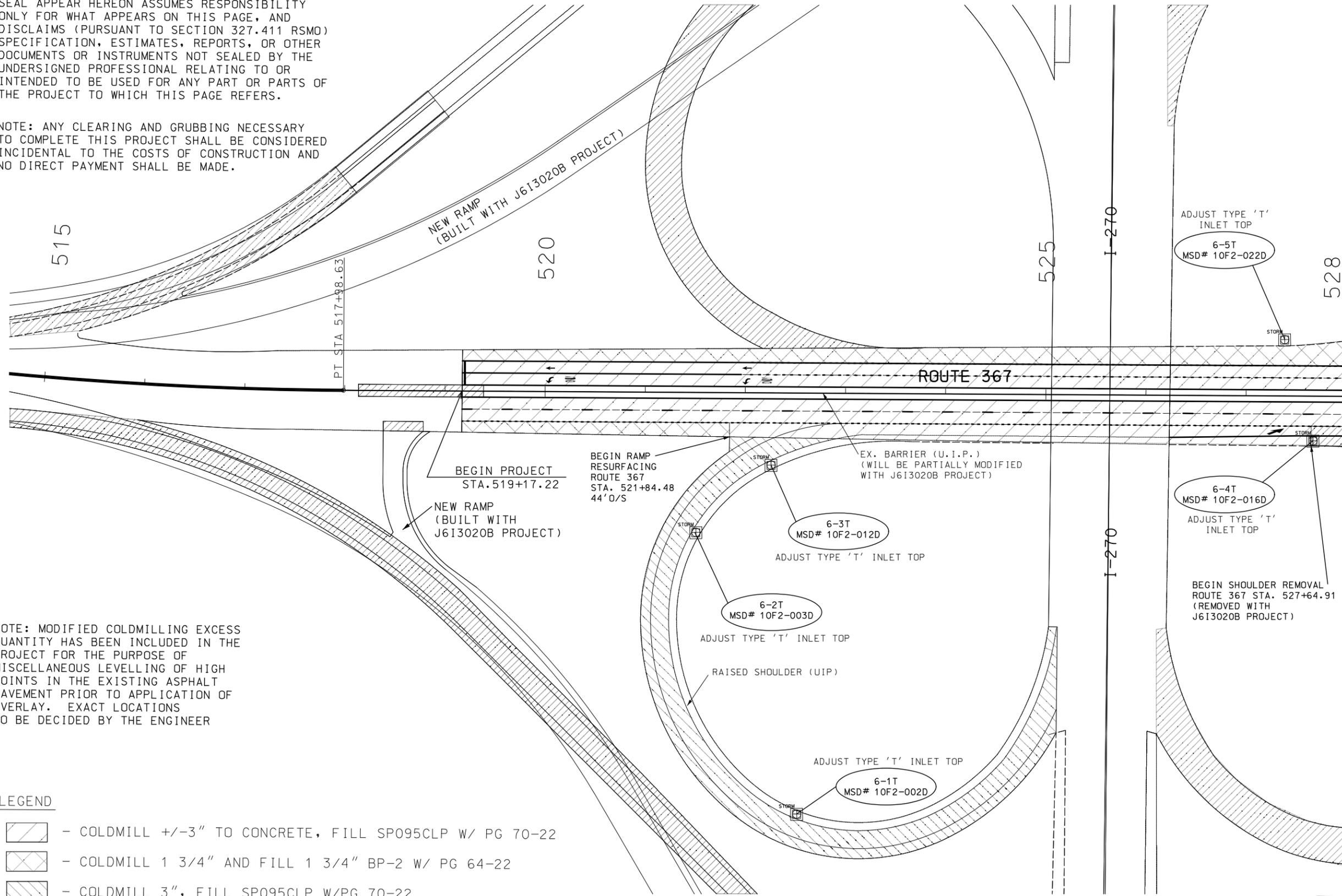
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NOTE: ANY CLEARING AND GRUBBING NECESSARY TO COMPLETE THIS PROJECT SHALL BE CONSIDERED INCIDENTAL TO THE COSTS OF CONSTRUCTION AND NO DIRECT PAYMENT SHALL BE MADE.

NOTE: MODIFIED COLDMILLING EXCESS QUANTITY HAS BEEN INCLUDED IN THE PROJECT FOR THE PURPOSE OF MISCELLANEOUS LEVELLING OF HIGH POINTS IN THE EXISTING ASPHALT PAVEMENT PRIOR TO APPLICATION OF OVERLAY. EXACT LOCATIONS TO BE DECIDED BY THE ENGINEER

LEGEND

-  - COLDMILL +/-3" TO CONCRETE, FILL SP095CLP W/ PG 70-22
-  - COLDMILL 1 3/4" AND FILL 1 3/4" BP-2 W/ PG 64-22
-  - COLDMILL 3", FILL SP095CLP W/PG 70-22
-  - TO BE REMOVED WITH J6I3020B PROJECT



NOTE: ANY WORK INDICATED ON THE PLANS WHICH EXTENDS BEYOND THE PROJECT LIMITS SHALL BE CONSIDERED INCIDENTAL TO AND PART OF THE CONSTRUCTION OF THE JOB.



MSD PERMIT# 21MSD-00308



STATE OF MISSOURI
 LISA LYNN KUNTZ
 NUMBER PE-2004017202
 PROFESSIONAL ENGINEER

THIS SHEET HAS BEEN SIGNED, SEALED AND DATED ELECTRONICALLY.

DATE PREPARED 8/6/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 4
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CONSTRUCTION PLANS

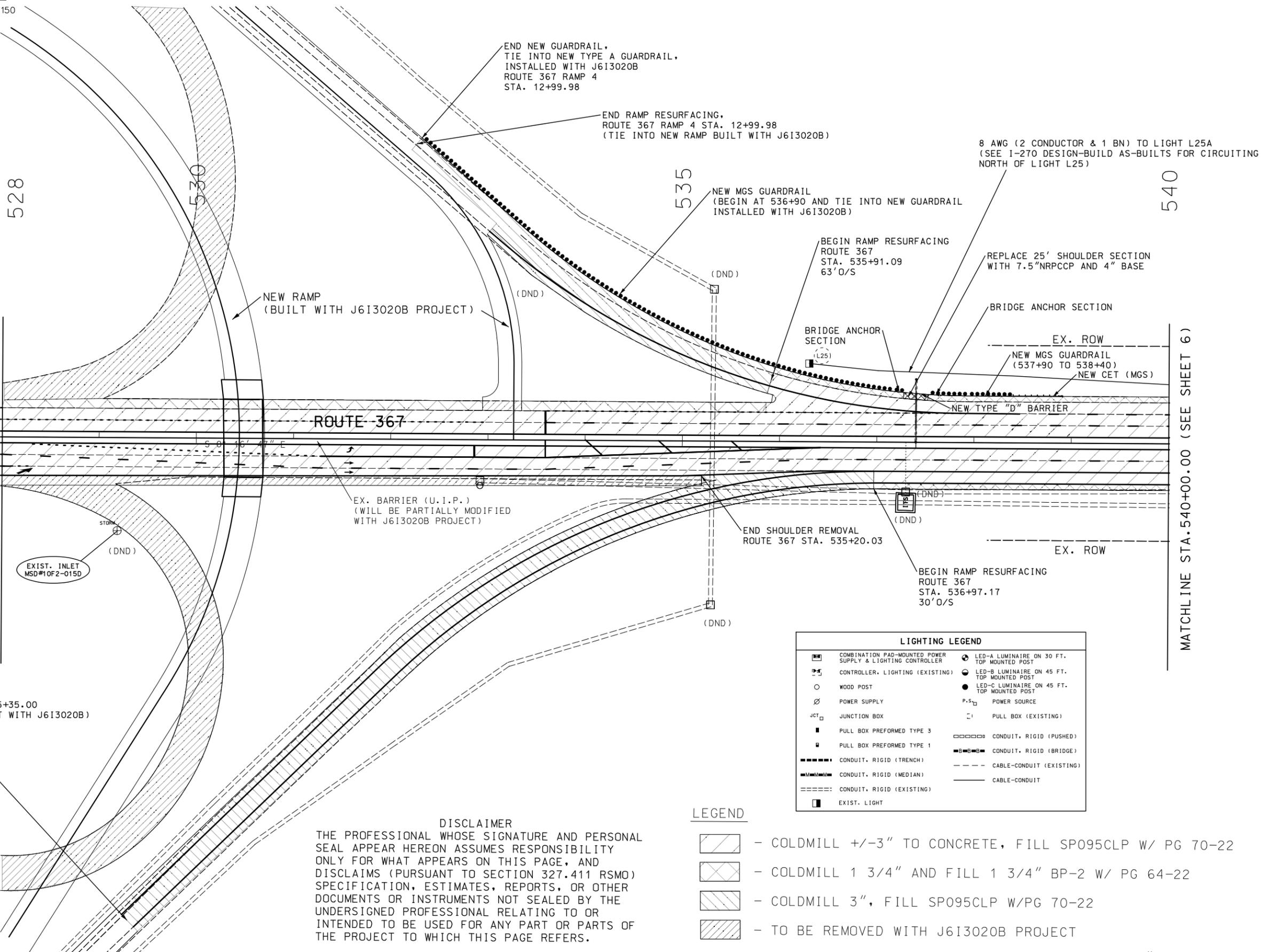
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



MATCHLINE STA. 528+00.00 (SEE SHEET 4)

MATCHLINE STA. 540+00.00 (SEE SHEET 6)

END RAMP RESURFACING,
ROUTE 367 RAMP 2 STA. 15+35.00
(TIE INTO NEW RAMP BUILT WITH J613020B)



END NEW GUARDRAIL,
TIE INTO NEW TYPE A GUARDRAIL,
INSTALLED WITH J613020B
ROUTE 367 RAMP 4
STA. 12+99.98

END RAMP RESURFACING,
ROUTE 367 RAMP 4 STA. 12+99.98
(TIE INTO NEW RAMP BUILT WITH J613020B)

NEW MGS GUARDRAIL
(BEGIN AT 536+90 AND TIE INTO NEW GUARDRAIL
INSTALLED WITH J613020B)

BEGIN RAMP RESURFACING
ROUTE 367
STA. 535+91.09
63' O/S

8 AWG (2 CONDUCTOR & 1 BN) TO LIGHT L25A
(SEE I-270 DESIGN-BUILD AS-BUILTS FOR CIRCUITING
NORTH OF LIGHT L25)

REPLACE 25' SHOULDER SECTION
WITH 7.5" NRPCCP AND 4" BASE

NEW RAMP
(BUILT WITH J613020B PROJECT)

BRIDGE ANCHOR
SECTION
(L25)

BRIDGE ANCHOR SECTION

EX. ROW

NEW MGS GUARDRAIL
(537+90 TO 538+40)
NEW CET (MGS)

ROUTE 367

NEW TYPE "D" BARRIER

EX. BARRIER (U.I.P.)
(WILL BE PARTIALLY MODIFIED
WITH J613020B PROJECT)

END SHOULDER REMOVAL
ROUTE 367 STA. 535+20.03

BEGIN RAMP RESURFACING
ROUTE 367
STA. 536+97.17
30' O/S

EX. ROW

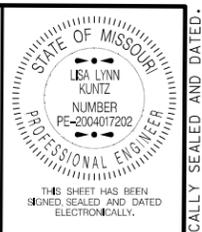
EXIST. INLET
MSD#10F2-015D

LIGHTING LEGEND	
	COMBINATION PAD-MOUNTED POWER SUPPLY & LIGHTING CONTROLLER
	CONTROLLER, LIGHTING (EXISTING)
	WOOD POST
	POWER SUPPLY
	JUNCTION BOX
	PULL BOX PREFORMED TYPE 3
	PULL BOX PREFORMED TYPE 1
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (MEDIAN)
	CONDUIT, RIGID (EXISTING)
	EXIST. LIGHT
	LED-A LUMINAIRE ON 30 FT. TOP MOUNTED POST
	LED-B LUMINAIRE ON 45 FT. TOP MOUNTED POST
	LED-C LUMINAIRE ON 45 FT. TOP MOUNTED POST
	POWER SOURCE
	PULL BOX (EXISTING)
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (BRIDGE)
	CABLE-CONDUIT (EXISTING)
	CABLE-CONDUIT

LEGEND

- COLDMILL +/-3" TO CONCRETE, FILL SP095CLP W/ PG 70-22
- COLDMILL 1 3/4" AND FILL 1 3/4" BP-2 W/ PG 64-22
- COLDMILL 3", FILL SP095CLP W/PG 70-22
- TO BE REMOVED WITH J613020B PROJECT

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DATE PREPARED
8/6/2021

ROUTE 367 STATE MO
DISTRICT SL SHEET NO. 5

COUNTY ST. LOUIS
JOB NO. J6S3437
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

CONSTRUCTION PLANS

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



THIS SHEET HAS BEEN
SIGNED, SEALED AND DATED
ELECTRONICALLY.

DATE PREPARED
8/6/2021

ROUTE 367 STATE MO

DISTRICT SL SHEET NO. 6B

COUNTY
ST. LOUIS

JOB NO.
J6S3437

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

540

545

550

555

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

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

MoDOT

CONSTRUCTION PLANS

RTE. 367

BELLEFONTAINE

PROJECT OFFICE

100' EXIST. R/W

SCALE

0 100 200 300 400 500

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

540

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100' EXIST. R/W

SCALE

0 100 200 300 400 500

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

540

545

550

555

100' EXIST. R/W

SCALE

0 100 200 300 400 500

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

540

545

550

555

100' EXIST. R/W



NOTE: SEE ON-RAMP SPECIAL SHEET FOR LIGHT PLACEMENT ALONG RAMP FROM CHAMBERS TO NB RTE. 367.

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DATE PREPARED
8/6/2021

ROUTE
367

DISTRICT
SL

STATE
MO

SHEET NO.
8

COUNTY
ST. LOUIS

JOB NO.
J6S3437

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

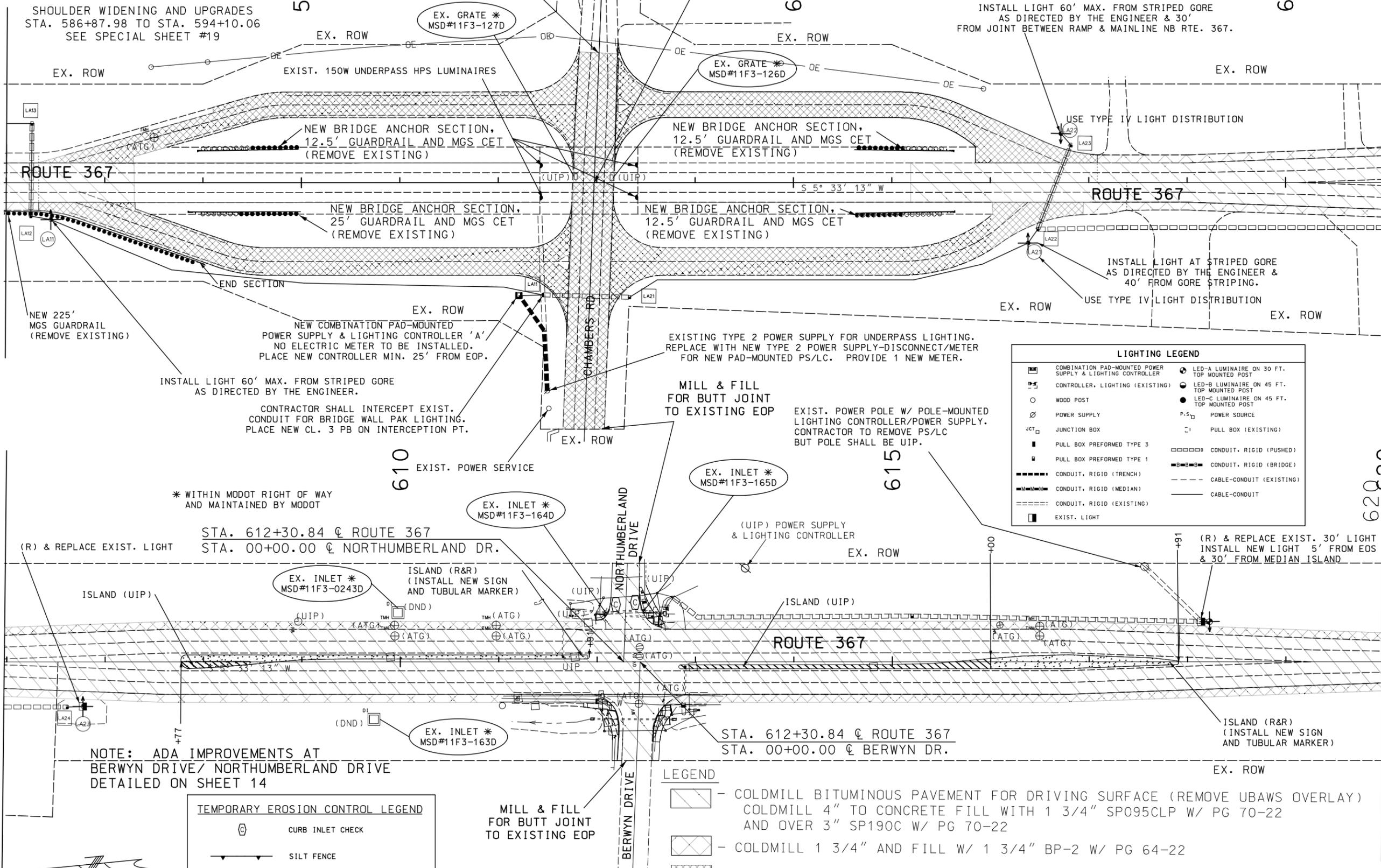
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.

MATCHLINE STA. 592+00.00 (SEE SHEET 7)

MATCHLINE STA. 606+00.00

MATCHLINE STA. 606+00.00

MATCHLINE STA. 620+00.00 (SEE SHEET 9)



SHOULDER WIDENING AND UPGRADES
STA. 586+87.98 TO STA. 594+10.06
SEE SPECIAL SHEET #19

MILL & FILL TO
ST. LOUIS COUNTY
MAINTENANCE SIGN

STA. 597+97.53 @ ROUTE 367
STA. 15+00.00 @ CHAMBERS ROAD

INSTALL LIGHT 60' MAX. FROM STRIPED GORE
AS DIRECTED BY THE ENGINEER & 30'
FROM JOINT BETWEEN RAMP & MAINLINE NB RTE. 367.

ROUTE 367

ROUTE 367

CHAMBERS RD

NORTHUMBERLAND DRIVE

BERWYN DRIVE

INSTALL LIGHT 60' MAX. FROM STRIPED GORE
AS DIRECTED BY THE ENGINEER.

CONTRACTOR SHALL INTERCEPT EXIST.
CONDUIT FOR BRIDGE WALL PAK LIGHTING.
PLACE NEW CL. 3 PB ON INTERCEPTION PT.

MILL & FILL
FOR BUTT JOINT
TO EXISTING EOP

EXIST. POWER POLE W/ POLE-MOUNTED
LIGHTING CONTROLLER/POWER SUPPLY.
CONTRACTOR TO REMOVE PS/LC
BUT POLE SHALL BE UIP.

LIGHTING LEGEND	
	COMBINATION PAD-MOUNTED POWER SUPPLY & LIGHTING CONTROLLER
	CONTROLLER, LIGHTING (EXISTING)
	WOOD POST
	POWER SUPPLY
	JUNCTION BOX
	PULL BOX PREFORMED TYPE 3
	PULL BOX PREFORMED TYPE 1
	CONDUIT, RIGID (TRENCH)
	CONDUIT, RIGID (MEDIAN)
	CONDUIT, RIGID (EXISTING)
	EXIST. LIGHT
	LED-A LUMINAIRE ON 30 FT. TOP MOUNTED POST
	LED-B LUMINAIRE ON 45 FT. TOP MOUNTED POST
	LED-C LUMINAIRE ON 45 FT. TOP MOUNTED POST
	POWER SOURCE
	PULL BOX (EXISTING)
	CONDUIT, RIGID (PUSHED)
	CONDUIT, RIGID (BRIDGE)
	CABLE-CONDUIT (EXISTING)
	CABLE-CONDUIT

* WITHIN MODOT RIGHT OF WAY
AND MAINTAINED BY MODOT

STA. 612+30.84 @ ROUTE 367
STA. 00+00.00 @ NORTHUMBERLAND DR.

(R) & REPLACE EXIST. LIGHT

(R) & REPLACE EXIST. 30' LIGHT
INSTALL NEW LIGHT 5' FROM EOS
& 30' FROM MEDIAN ISLAND

ISLAND (UIP)

ISLAND (R&R)
(INSTALL NEW SIGN
AND TUBULAR MARKER)

ISLAND (UIP)

ISLAND (R&R)
(INSTALL NEW SIGN
AND TUBULAR MARKER)

NOTE: ADA IMPROVEMENTS AT
BERWYN DRIVE/ NORTHUMBERLAND DRIVE
DETAILED ON SHEET 14

TEMPORARY EROSION CONTROL LEGEND	
	CURB INLET CHECK
	SILT FENCE

MILL & FILL
FOR BUTT JOINT
TO EXISTING EOP

LEGEND

- COLDMILL BITUMINOUS PAVEMENT FOR DRIVING SURFACE (REMOVE UBAWS OVERLAY)
COLDMILL 4" TO CONCRETE FILL WITH 1 3/4" SP095CLP W/ PG 70-22
AND OVER 3" SP190C W/ PG 70-22
- COLDMILL 1 3/4" AND FILL W/ 1 3/4" BP-2 W/ PG 64-22
- 2" MILL/FILL SP095CLP W/PG 70-22

MSD PERMIT# 21MSD-00308

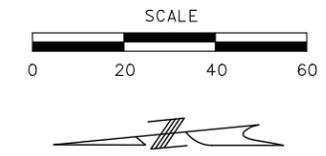
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



CONSTRUCTION PLANS

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-278-6636)

DISCLAIMER
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DATE PREPARED
8/5/2021

ROUTE 367 STATE MO

DISTRICT SL SHEET NO. 12

COUNTY ST. LOUIS

JOB NO. J6S3437

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

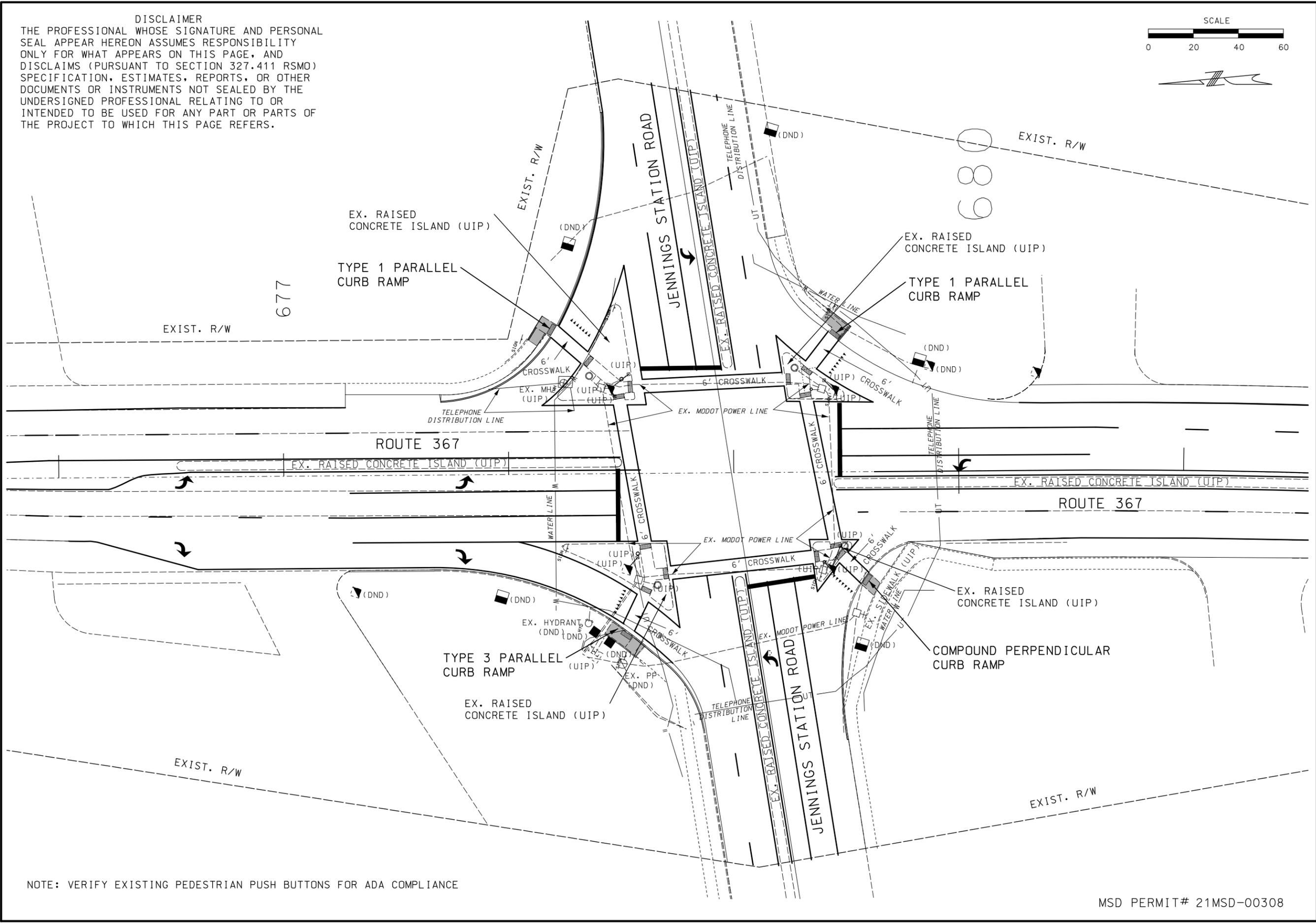
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

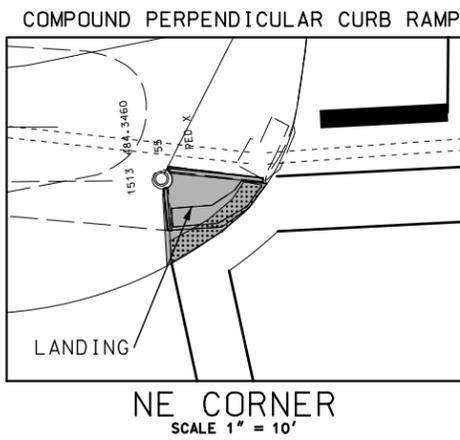
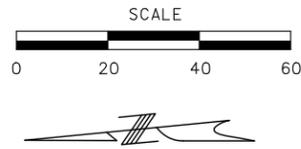
ADA IMPROVEMENTS SHEET
 ROUTE 367 AT
 JENNINGS STATION ROAD

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

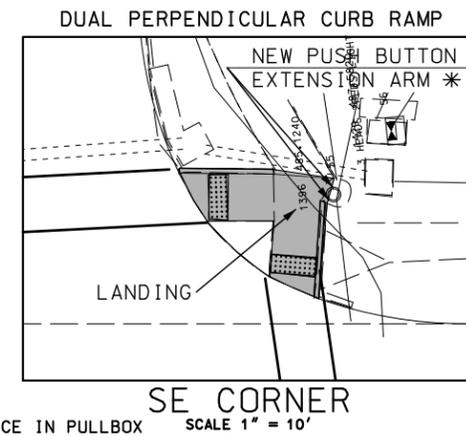


NOTE: VERIFY EXISTING PEDESTRIAN PUSH BUTTONS FOR ADA COMPLIANCE

MSD PERMIT# 21MSD-00308



* = ADD ADD EXTENSION ARM (APPROX. 2') TO EXISTING SIGNAL POST FOR NEW PUSH BUTTON DETECTOR. PUSH BUTTON MUST MEET ADA STANDARDS AND IS INCIDENTAL TO THE COST OF PUSH BUTTON.



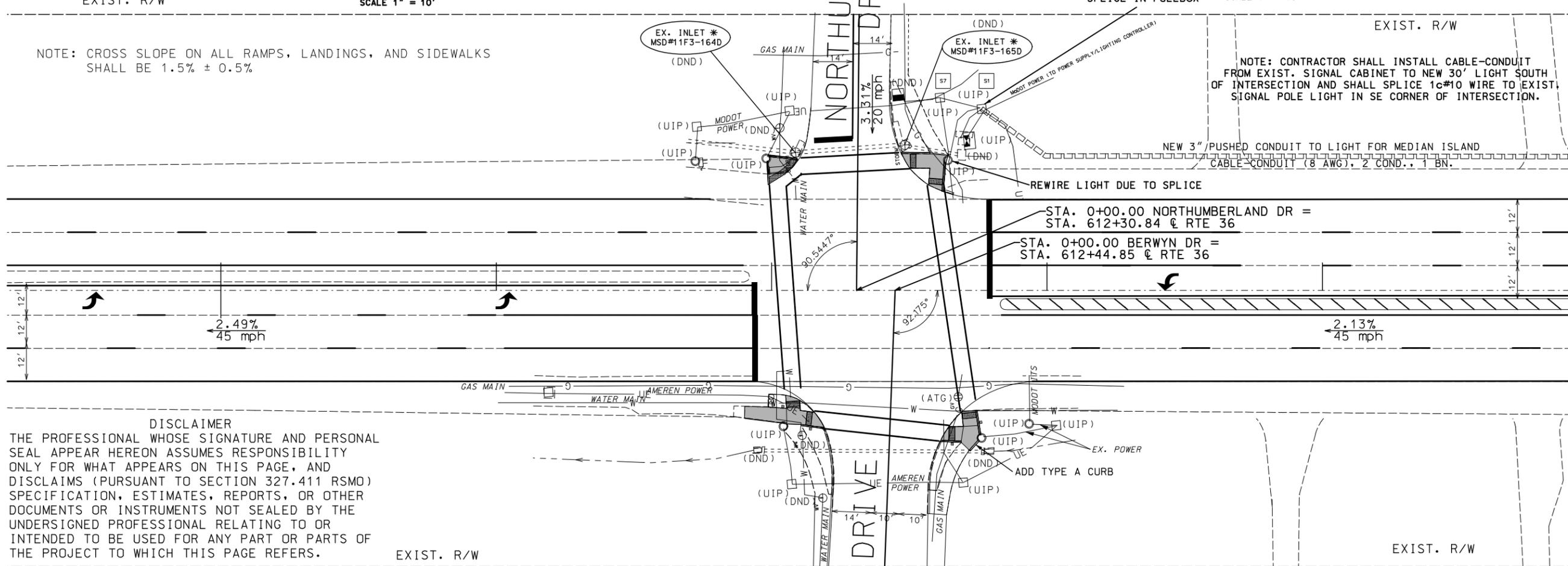
EXIST. R/W

NOTE: CROSS SLOPE ON ALL RAMPS, LANDINGS, AND SIDEWALKS SHALL BE 1.5% ± 0.5%

SCALE 1" = 10'

EXIST. R/W

NOTE: CONTRACTOR SHALL INSTALL CABLE-CONDUIT FROM EXIST. SIGNAL CABINET TO NEW 30' LIGHT SOUTH OF INTERSECTION AND SHALL SPLICE 1c#10 WIRE TO EXIST. SIGNAL POLE LIGHT IN SE CORNER OF INTERSECTION.

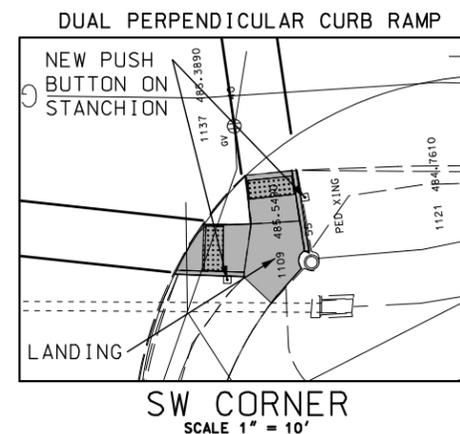
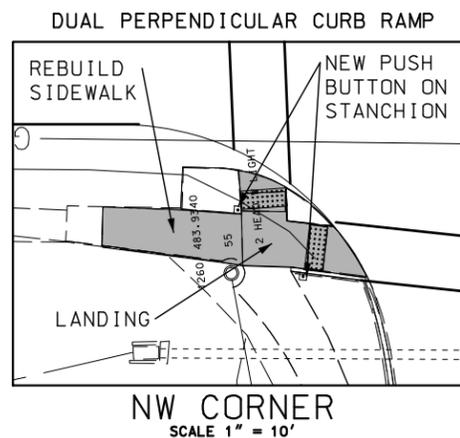


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EXIST. R/W

LIGHTING LEGEND

	COMBINATION PAD-MOUNTED POWER SUPPLY & LIGHTING CONTROLLER		LED-A LUMINAIRE ON 30 FT. TOP MOUNTED POST
	CONTROLLER, LIGHTING (EXISTING)		LED-B LUMINAIRE ON 45 FT. TOP MOUNTED POST
	WOOD POST		LED-C LUMINAIRE ON 45 FT. TOP MOUNTED POST
	POWER SUPPLY		P.S. POWER SOURCE
	JUNCTION BOX		PULL BOX (EXISTING)
	PULL BOX PREFORMED TYPE 3		CONDUIT, RIGID (PUSHED)
	PULL BOX PREFORMED TYPE 1		CONDUIT, RIGID (BRIDGE)
	CONDUIT, RIGID (TRENCH)		CONDUIT, RIGID (MEDIAN)
	CONDUIT, RIGID (EXISTING)		CABLE-CONDUIT (EXISTING)
	CABLE-CONDUIT		EXIST. LIGHT



DATE PREPARED	8/5/2021
ROUTE	367
STATE	MO
DISTRICT	SL
SHEET NO.	14
COUNTY	ST. LOUIS
JOB NO.	J6S3437
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-278-6636)

ADA IMPROVEMENTS
ROUTE 367 AT
BERWYN/NORTHUMBERLAND

MSD PERMIT# 21MSD-00308

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

NOTE: NO CROSS SECTIONS PROVIDED FOR PRESTIGE/MARQUIS ENTRANCES.



DATE PREPARED 8/7/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 18
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

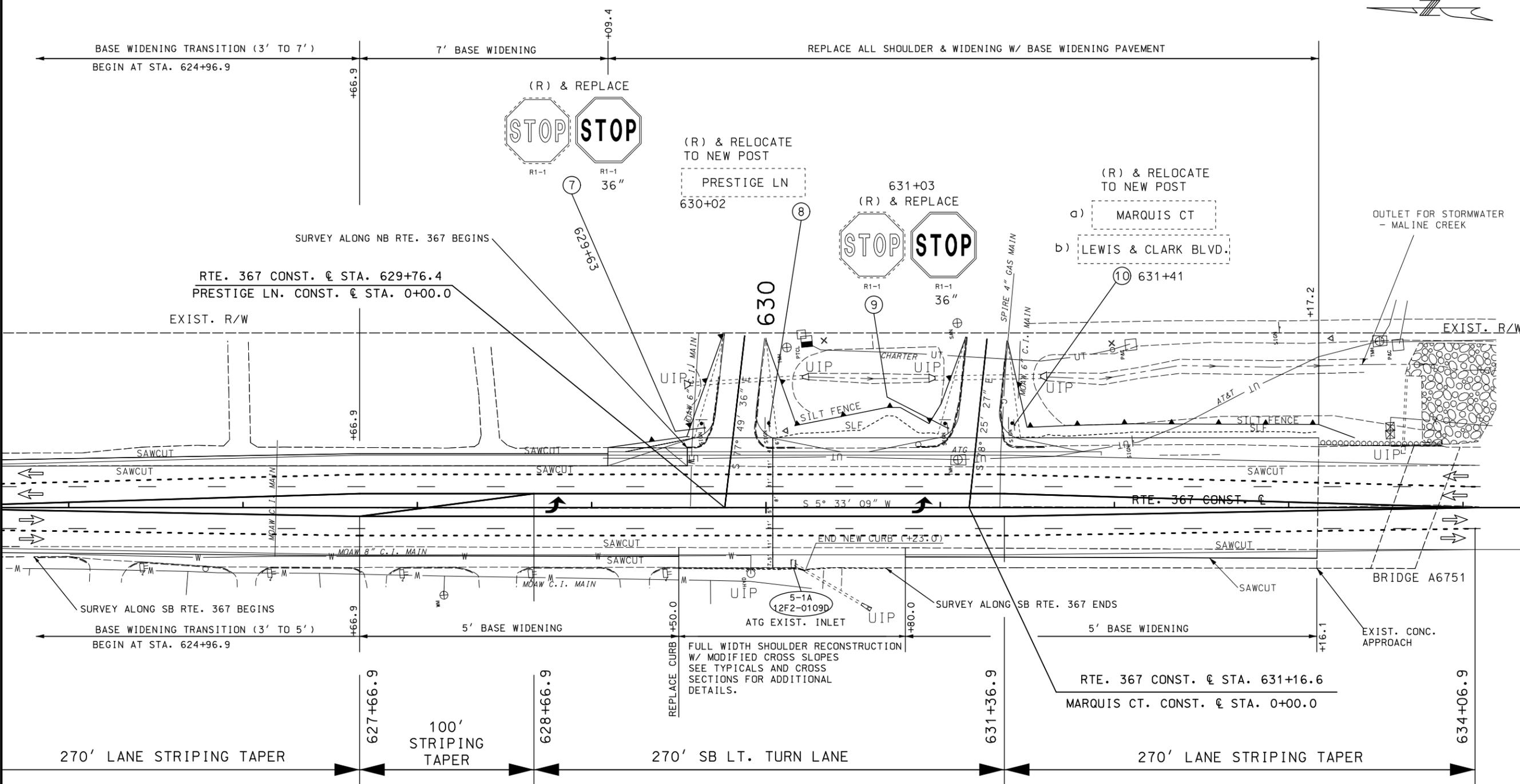
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SPECIAL SHEET
PRESTIGE LANE &
MARQUIS COURT

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

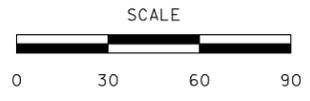


TEMPORARY EROSION CONTROL LEGEND

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

NOTE: SEE PLANS FOR JOB J6P3308 FOR EPO INSTALLATION ON BRIDGE A6751 (RTE. 367 OVER MALINE CREEK)

NOTE: CONTRACTOR SHALL REPLACE 6" CURB ALONG SB RTE. 367 REMOVED FOR FULL DEPTH PAVEMENT INSTALLATION.



NOTE: UIP ALL EXIST. MAILBOXES ALONG SB RTE. 367

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MSD PERMIT# 21MSD-00308

NOTE: SEE PLANS FOR JOB J6P3308 FOR EPO INSTALLATION ON BRIDGE A6751 (RTE. 367 OVER MALINE CREEK)



DATE PREPARED 8/4/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 20A
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

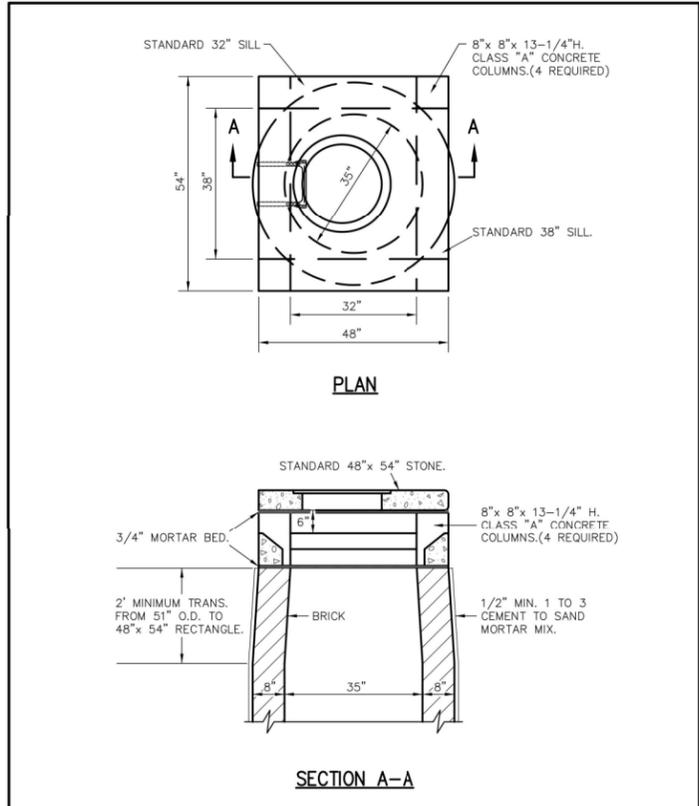
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

MoDOT

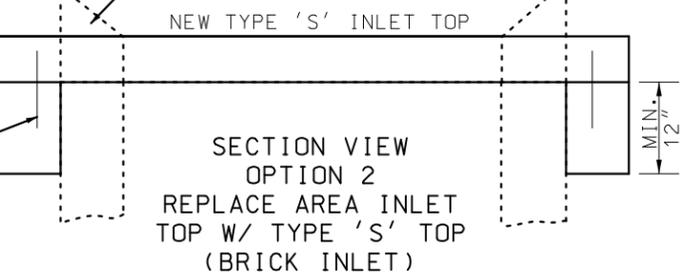
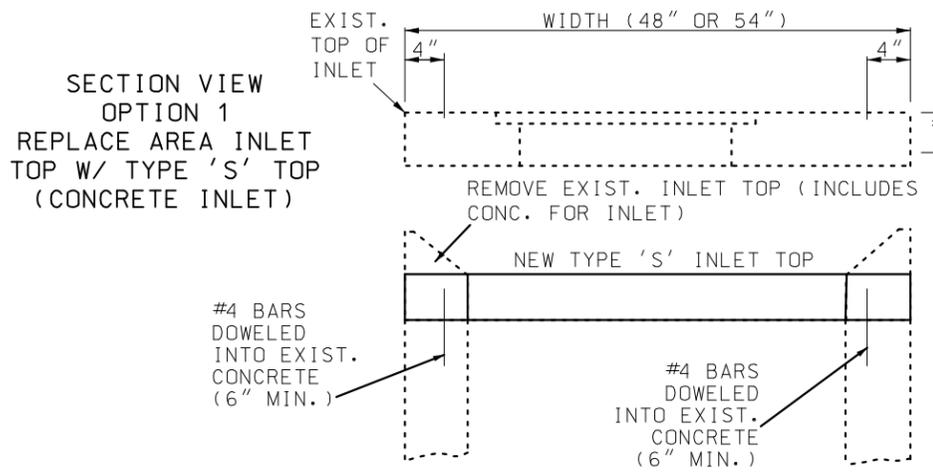
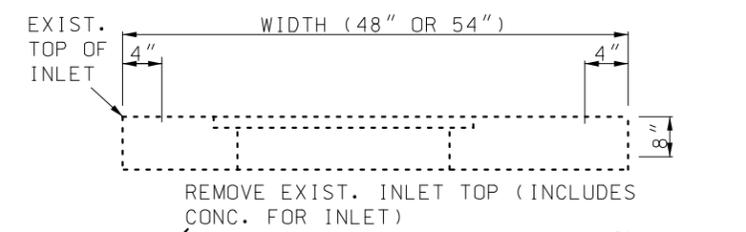
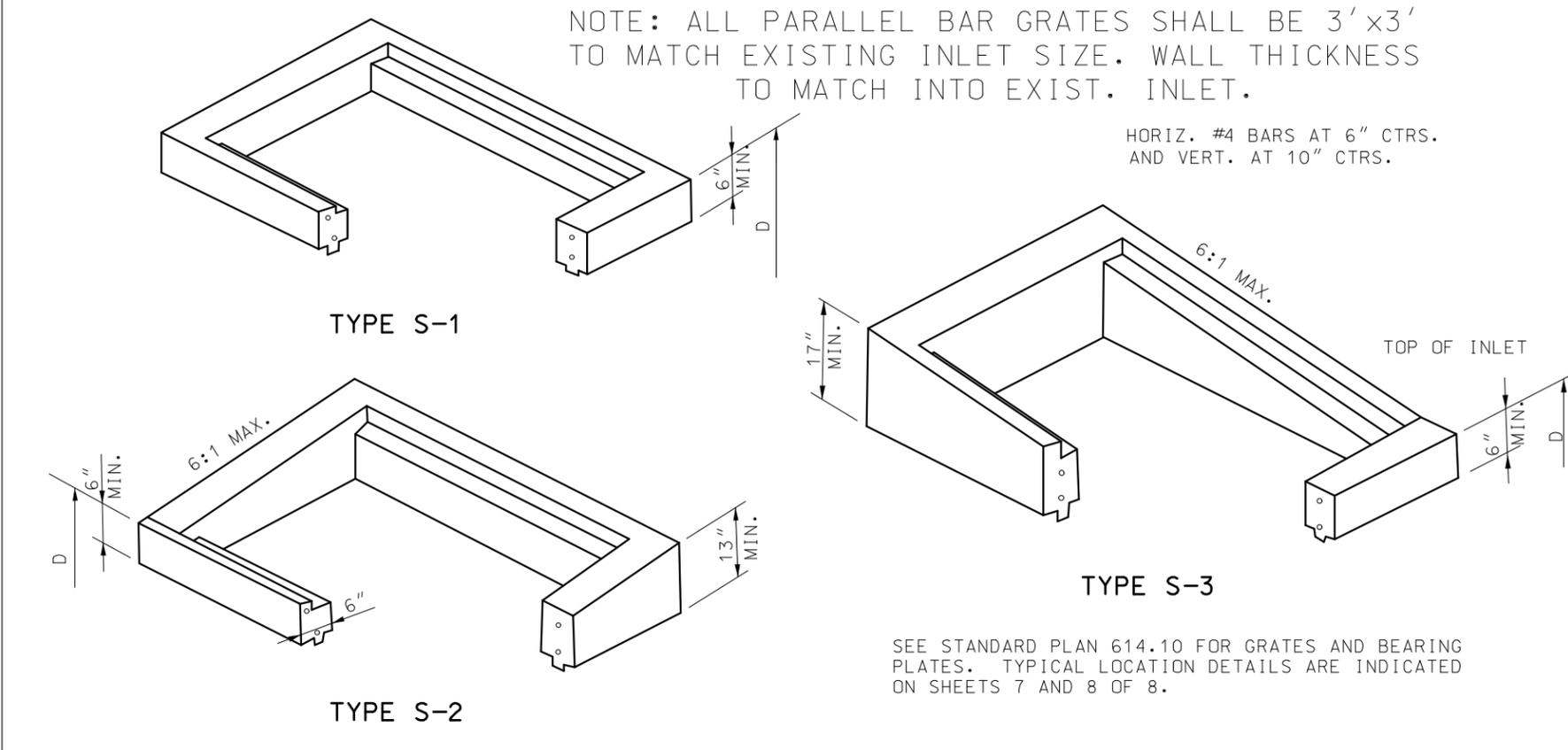
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SPECIAL SHEET
CONVERT AREA INLET
TO TYPE 'S' INLET



AREA INLET OPEN 4 SIDES BRICK CONSTRUCTION	METROPOLITAN ST. LOUIS SEWER DISTRICT Standard Details of Sewer Construction		
	Dr. R.G.W. Ch. J.C.K.	2009	SHEET 28

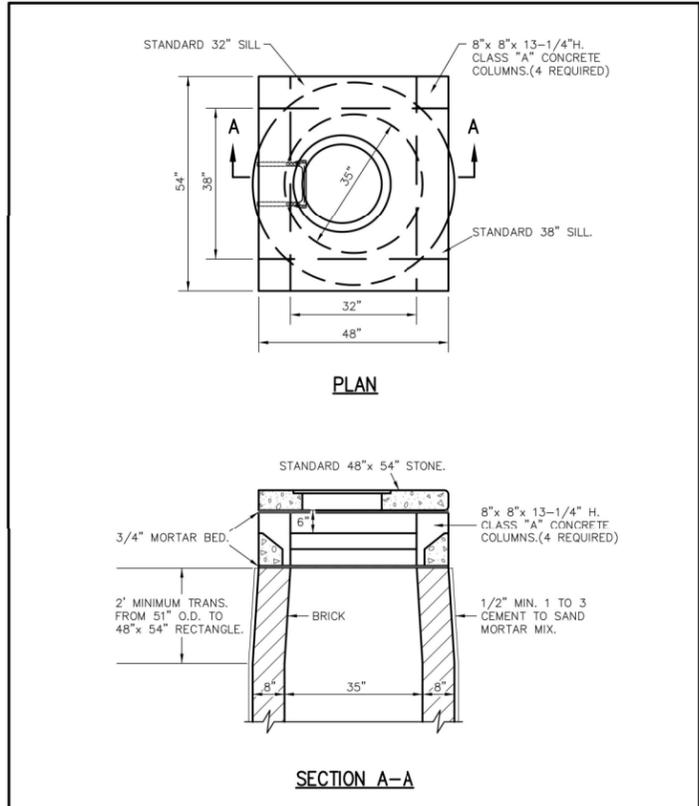
FROM MSD STD. PLANS
STD. STONE W/ MANHOLE
MATCHES INLETS ALONG 367
AS NOTED & TO BE MODIFIED
ON THIS PROJECT.



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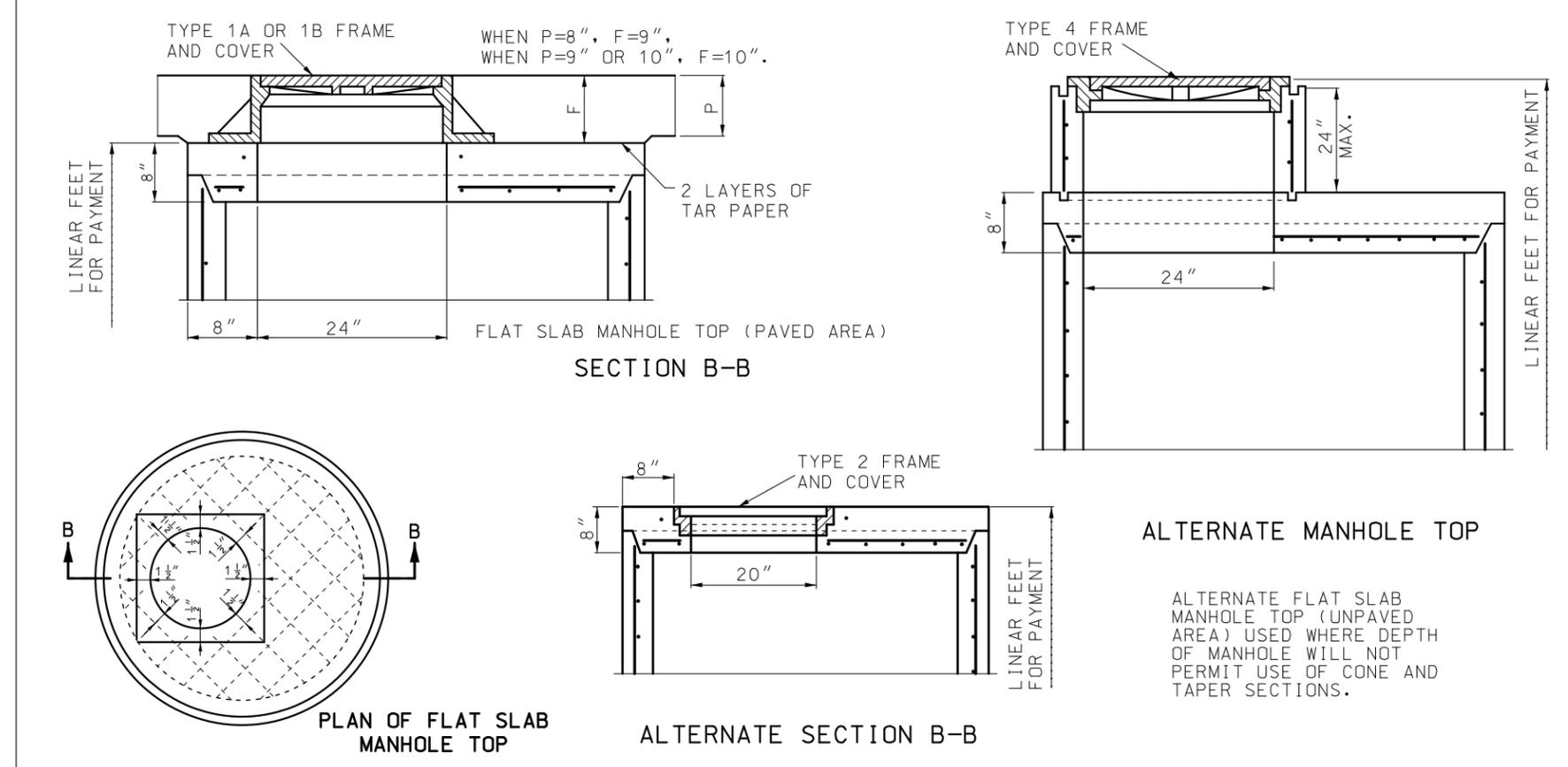
GENERAL NOTES:

- THE CONTRACTOR SHALL SAW CUT AND REMOVE THE EXISTING AREA INLET TOP AS NOTED IN THE PLANS. MSD STYLE INLET SHOWN ON THIS SHEET MATCHES MEASUREMENTS TAKEN IN THE FIELD BUT THIS MAY VARY WHEN CONTRACTOR REMOVES THE EXISTING TOP. A PORTION OF THE INLET WALLS MAY ALSO NEED REMOVAL IN ORDER TO CREATE A SURFACE EVEN WITH EXISTING GROUND ELEVATIONS.
- THE CONTRACTOR SHALL INSTALL A NEW TYPE 'S' INLET TOP BASED UPON CURRENT MODOT STD. PLANS AND SHALL ANCHOR THE NEW TOP TO THE EXISTING INLET USING EITHER OPTION 1 OR OPTION 2 SHOWN ON THIS SHEET, UNLESS A DIFFERENT METHOD IS APPROVED BY THE ENGINEER.
- REINFORCING BARS SHALL BE EPOXY COATED AND SECURELY DRILLED INTO THE EXISTING INLET TO CONNECT THE NEW TYPE 'S' TOP TO THE EXISTING INLET. THE CONTRACTOR SHALL HAVE THE OPTION TO CUT THE EXISTING INLET TOP INCLUDING NECESSARY SIDEWALLS AND FORM A NEW TOP THAT SURROUNDS THE EXISTING INLET IN LIEU OF DOWELING INTO THE EXISTING WALLS, WHICH MAY BE BRICK INSTEAD OF CONCRETE.
- JOINTS SHALL BE SEALED IN ACCORDANCE WITH SECTION 726.3.1 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR WILL BE PERMITTED TO CAST IN PLACE THE NEW DROP INLET TOP CALLED FOR IN THE PLANS.
- NO DIRECT PAYMENT WILL BE MADE FOR REINFORCING STEEL.
- NO DIRECT PAYMENT WILL BE MADE FOR CUTTING OR BENDING REINFORCING STEEL.
- THE REINFORCEMENT SHOWN IS THE MINIMUM REQUIRED. AT THE CONTRACTOR'S OPTION, ADDITIONAL REINFORCEMENT MAY BE USED.
- REINFORCING STEEL EDGE DISTANCE SHALL BE MINIMUM OF 2" UNLESS OTHERWISE SPECIFIED.
- ANY CLASS 3 EXCAVATION NECESSARY TO RECONSTRUCT INLET TOP SHALL BE PAID FOR AS NO DIRECT PAYMENT.

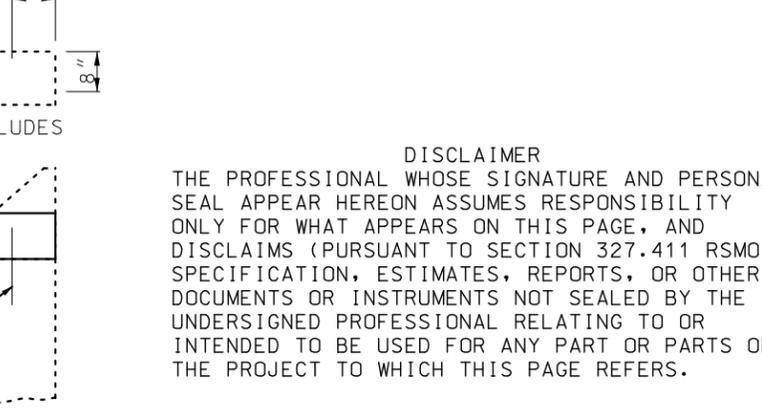
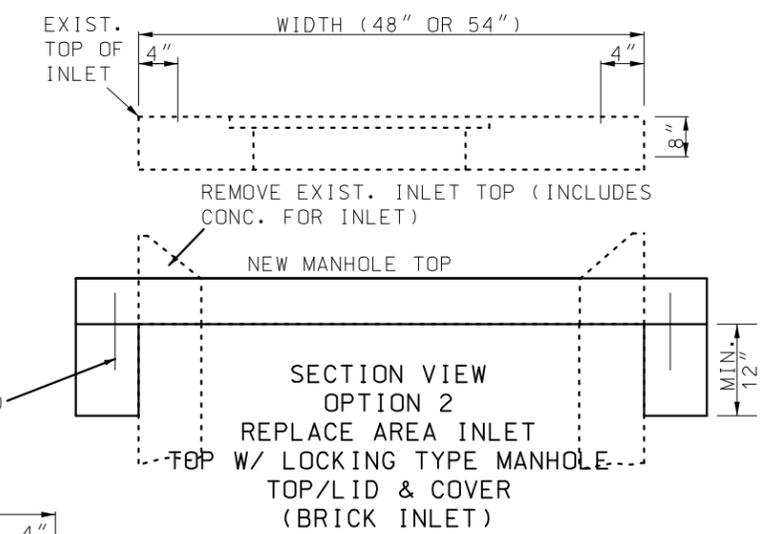


AREA INLET OPEN 4 SIDES BRICK CONSTRUCTION	METROPOLITAN ST. LOUIS SEWER DISTRICT <i>Standard Details of Sewer Construction</i>		
	Dr. R.G.W. Ch. J.C.K.	2009	SHEET 28

FROM MSD STD. PLANS
STD. STONE W/ MANHOLE
MATCHES INLETS ALONG 367
AS NOTED & TO BE MODIFIED
ON THIS PROJECT.



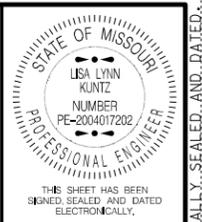
ALTERNATE MANHOLE TOP
ALTERNATE FLAT SLAB
MANHOLE TOP (UNPAVED
AREA) USED WHERE DEPTH
OF MANHOLE WILL NOT
PERMIT USE OF CONE AND
TAPER SECTIONS.



GENERAL NOTES:

- THE CONTRACTOR SHALL SAW CUT AND REMOVE THE EXISTING AREA INLET TOP AS NOTED IN THE PLANS. MSD STYLE INLET SHOWN ON THIS SHEET MATCHES MEASUREMENTS TAKEN IN THE FIELD BUT THIS MAY VARY WHEN CONTRACTOR REMOVES THE EXISTING TOP. A PORTION OF THE INLET WALLS MAY ALSO NEED REMOVAL IN ORDER TO CREATE A SURFACE EVEN WITH EXISTING GROUND ELEVATIONS.
- THE CONTRACTOR SHALL INSTALL LOCKING MANHOLE COVER BASED UPON CURRENT MODOT STD. PLANS AND SHALL ANCHOR THE NEW TOP TO THE EXISTING INLET USING EITHER OPTION 1 OR OPTION 2 SHOWN ON THIS SHEET, UNLESS A DIFFERENT METHOD IS APPROVED BY THE ENGINEER.
- REINFORCING BARS SHALL BE EPOXY COATED AND SECURELY DRILLED INTO THE EXISTING INLET TO CONNECT THE NEW TYPE 'S' TOP TO THE EXISTING INLET. THE CONTRACTOR SHALL HAVE THE OPTION TO CUT THE EXISTING INLET TOP INCLUDING NECESSARY SIDEWALLS AND FORM A NEW TOP THAT SURROUNDS THE EXISTING INLET IN LIEU OF DOWELING INTO THE EXISTING WALLS, WHICH MAY BE BRICK INSTEAD OF CONCRETE.
- JOINTS SHALL BE SEALED IN ACCORDANCE WITH SECTION 726.3.1 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR WILL BE PERMITTED TO CAST IN PLACE THE NEW MANHOLE TOP CALLED FOR IN THE PLANS.
- NO DIRECT PAYMENT WILL BE MADE FOR REINFORCING STEEL.
- NO DIRECT PAYMENT WILL BE MADE FOR CUTTING OR BENDING REINFORCING STEEL.
- THE REINFORCEMENT SHOWN IS THE MINIMUM REQUIRED. AT THE CONTRACTOR'S OPTION, ADDITIONAL REINFORCEMENT MAY BE USED.
- REINFORCING STEEL EDGE DISTANCE SHALL BE MINIMUM OF 2" UNLESS OTHERWISE SPECIFIED.
- ANY CLASS 3 EXCAVATION NECESSARY TO RECONSTRUCT INLET TOP SHALL BE PAID FOR AS NO DIRECT PAYMENT.

DISCLAIMER
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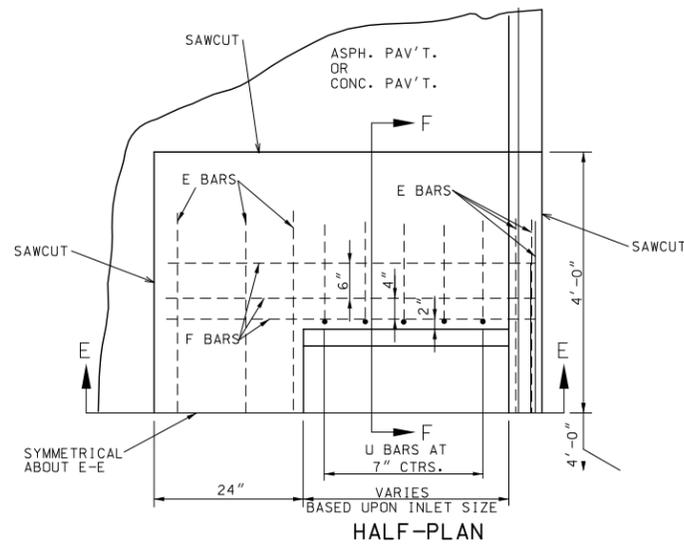


DATE PREPARED 8/4/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 20B
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION



SPECIAL SHEET
CONVERT AREA INLET
TO MANHOLE



REPLACING INLET TOPS
NOT TO SCALE

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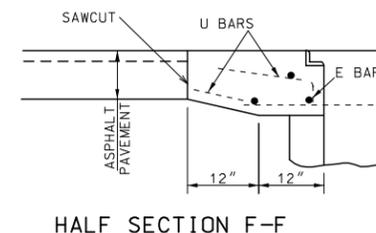
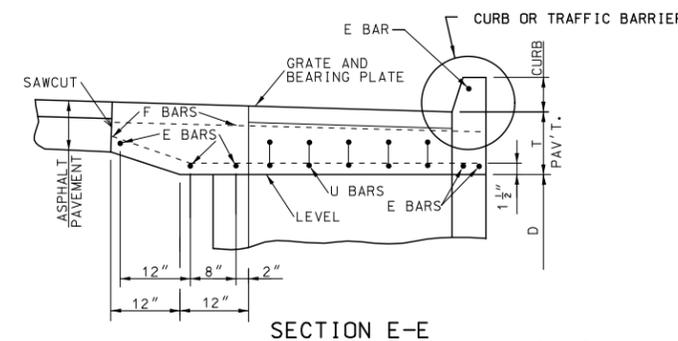
PAV'T THICKNESS	"T" DIMENSION
LESS THAN OR EQUAL TO 11"	11"
12"	12"
13"	13"
GREATER THAN OR EQUAL TO 14"	14"

PAVEMENT BAR BILL					
TYPE	LENGTH	WIDTH	MARK NO.	LENGTH	
A	2'	2'	E 6	6'-0"	
			F 6	4'-6"	
	3'	2'	U 8	2'-9"	
			E 6	6'-0"	
		4'	2'	F 6	5'-6"
				U 10	2'-9"

BARS E, F, & U #4

GENERAL NOTES:

1. THE CONFIGURATION DETAILS SHOWN ARE DESCRIPTIVE ONLY AND MAY BE VARIED TO CONFORM WITH ESTABLISHED MANUFACTURING PROCEDURES.
2. TOP OF DROP INLET WALLS SHALL BE CONSTRUCTED TO THE ELEVATION OF BOTTOM OF PAVEMENT AT THE EDGE OF PAVEMENT OR BOTTOM OF CURB AND GUTTER AT DROP INLET.
3. ALL CONCRETE ABOVE THE TAR PAPER SEPARATION JOINT IS TO BE CONSTRUCTED PRIOR TO PAVING OPERATIONS.
4. REINFORCING BARS IN PAVEMENT SHALL BE EPOXY COATED AND SECURELY TIED TOGETHER AND FASTENED TO AVOID ANY POSSIBLE DISPLACEMENT DURING THE PLACING OF CONCRETE.
5. NO DIRECT PAYMENT WILL BE MADE FOR PROVIDING, CUTTING, OR BENDING REINFORCING STEEL.
6. NO DIRECT PAYMENT WILL BE MADE FOR SAWCUTTING EXISTING PAVEMENT AROUND INLET AND REMOVING DAMAGED CONCRETE.
7. NO DIRECT PAYMENT WILL BE MADE FOR FORMING OR PROVIDING NEW GRATE AND BEARING PLATE.
8. THE REINFORCEMENT SHOWN IS THE MINIMUM REQUIRED. AT THE CONTRACTOR'S OPTION, ADDITIONAL REINFORCEMENT MAY BE USED.
9. MINIMUM CLEARANCE TO REINFORCING STEEL SHALL BE 1-1/2" UNLESS OTHERWISE SPECIFIED.
10. ALL CAST-IN-PLACE CONCRETE SHALL MEET THE SPECIFICATIONS OF MODOT CLASS B-1 CONCRETE.
11. ALL WORK INCLUDING REMOVALS AND NEW STEEL, CONCRETE, REINFORCING BARS, TAR PAPER, AND BACKFILL NECESSARY TO COMPLETE THE CONSTRUCTION OF REPLACING THE INLET TOP AND ADJUSTING TO GRADE IF NECESSARY SHALL BE CONSIDERED COMPLETELY COVERED BY THE CONTRACT UNIT PRICE FOR SPECIAL INLET (EACH).
12. SEE STANDARD PLAN 731.10 FOR ADDITIONAL INLET DETAILS.



MSD PERMIT# 21MSD-00308



DATE PREPARED
8/4/2021

ROUTE 367 STATE MO
DISTRICT SL SHEET NO. 20C

COUNTY
ST. LOUIS

J6S3437

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

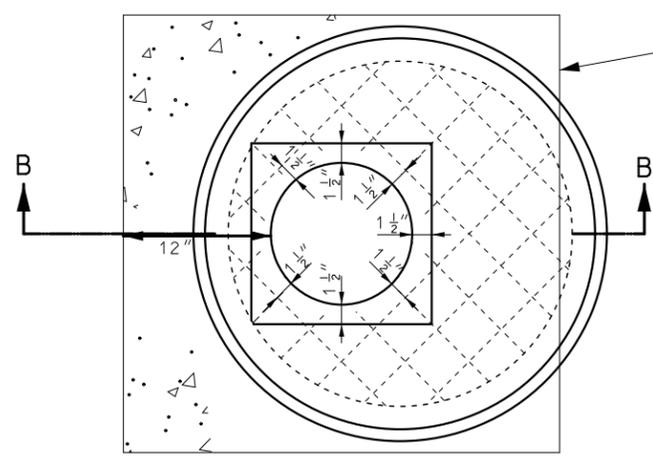
DESCRIPTION

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

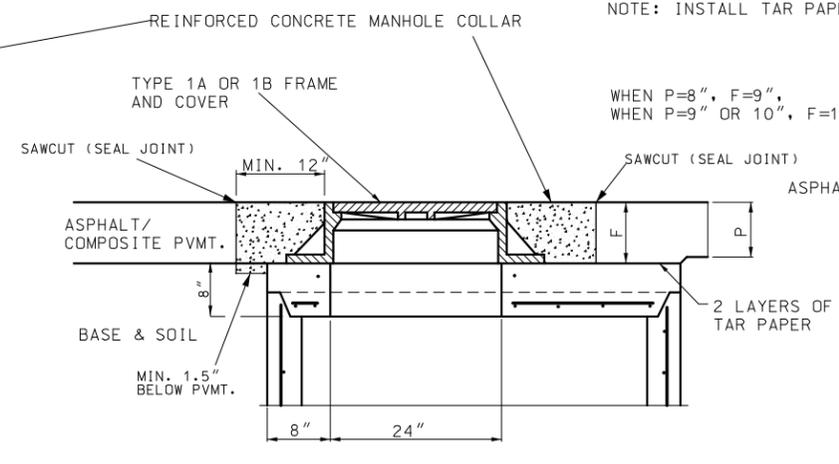
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

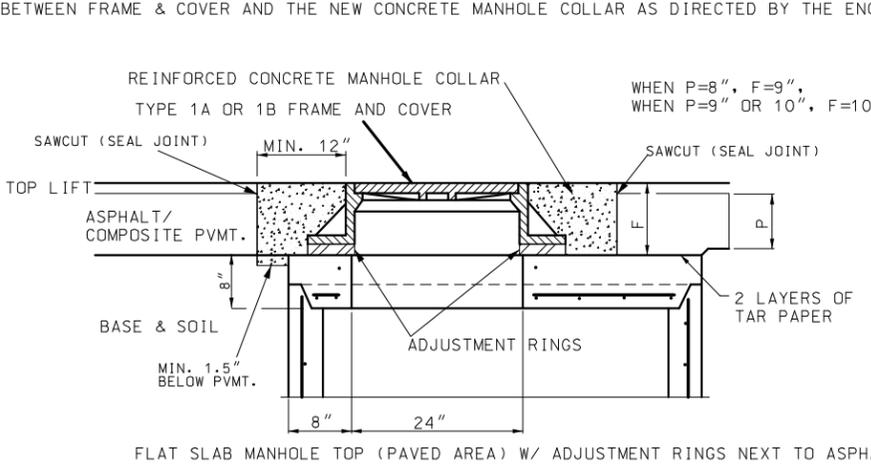
SPECIAL SHEET
REPLACE DROP INLET COVER
TO GRADE



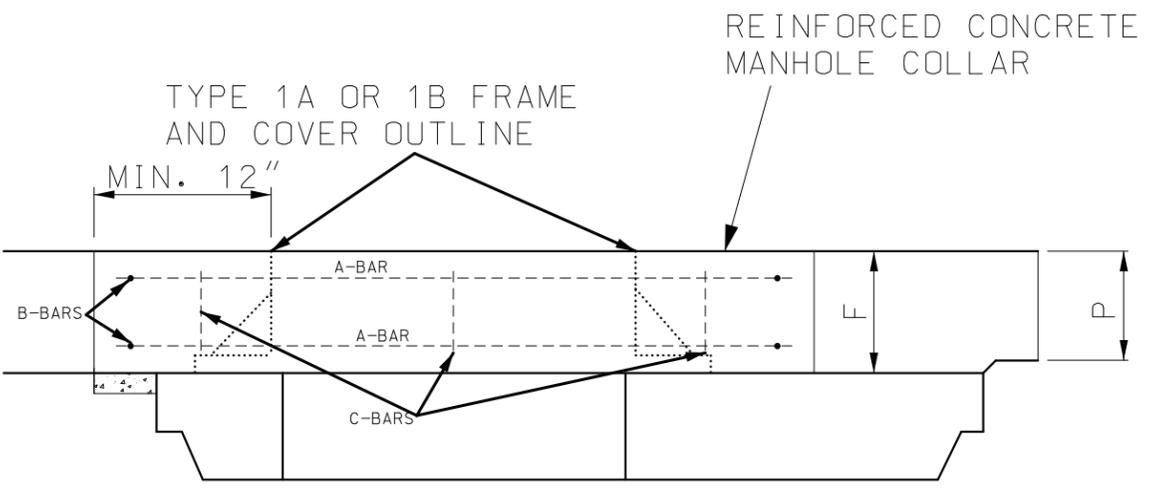
PLAN OF FLAT SLAB MANHOLE TOP



SECTION B-B
FLAT SLAB MANHOLE TOP (PAVED AREA)

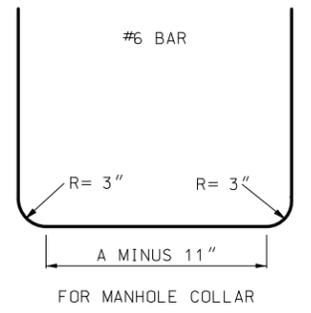


SECTION B-B
FLAT SLAB MANHOLE TOP (PAVED AREA) W/ ADJUSTMENT RINGS NEXT TO ASPHALT OVERLAY

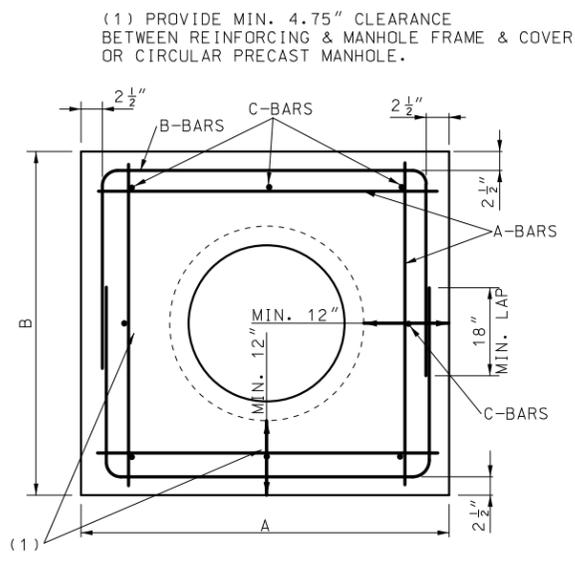


SECTION B-B
COLLAR REINFORCEMENT DETAIL

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BENDING DIAGRAM FOR B-BARS

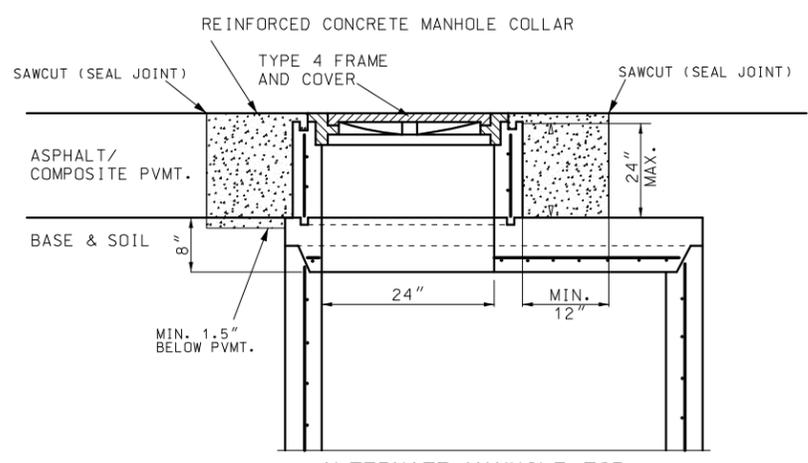


TOP VIEW OF MANHOLE COLLAR WITH REINFORCEMENT

NOTE: INSTALL 'C' BARS VERTICALLY INTO MANHOLE COLLAR CONCRETE. PROVIDE MIN. 1.5" CLEARANCE FROM TOP OF PAVEMENT & BOTTOM OF COLLAR. 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 COLLAR.

GENERAL NOTES:

- 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.
- 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.
- 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".
- PAYMENT FOR REINFORCED CONCRETE MANHOLE COLLAR SHALL BE MADE PER EACH AND SHALL INCLUDE ALL NECESSARY REINFORCEMENT AND SAW CUTS OF EXISTING OR PROPOSED PAVEMENT.
- MIN. DIMENSIONS OF 'A' AND 'B' IS THE FOLLOWING: 12" WALL + MANHOLE (INCLUDING WALL THICKNESS) + 12".
- CONTRACTOR SHALL PROVIDE EITHER A SQUARE OR RECTANGLE SHAPED FULL DEPTH SAWCUT AROUND THE CONCRETE MANHOLE COLLAR AFTER CONSTRUCTION. THE MIN. WIDTH SHALL BE 12" BUT MAY VARY. THE CONTRACTOR SHALL NOT DO A CIRCULAR SAWCUT AROUND THE REINFORCED CONCRETE MANHOLE COLLAR.
- CONCRETE USED FOR MANHOLE COLLAR 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.
- THE CONTRACTOR SHALL RAISE THE MANHOLE FRAME & COVER USING CONCRETE RINGS AND APPROVED MECHANICAL ADJUSTMENT DEVICES TO FINISH GRADE MATCHING PROFILE AND CROSS SLOPE.
- REINFORCING BARS IN PAVEMENT SHALL BE EPOXY COATED AND SECURELY TIED TOGETHER AND FASTENED TO AVOID ANY POSSIBLE DISPLACEMENT DURING THE PLACING OF CONCRETE.
- NO DIRECT PAYMENT WILL BE MADE FOR PROVIDING, CUTTING OR BENDING REINFORCING STEEL.
- THE CONTRACTOR SHALL SEAL JOINTS FORMED BETWEEN THE INTERFACE OF THE NEW COLLAR AND THE ASPHALT PAVEMENT ALONG WITH JOINTS CREATED BY THE OVERCUT OF SAWING FOR THE REMOVAL OF PAVEMENT. SEE THE JSP FOR ADDITIONAL INFORMATION.



ALTERNATE MANHOLE TOP



DATE PREPARED 8/4/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 21
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

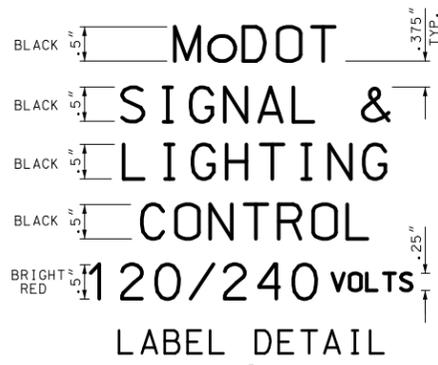
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-278-6636)

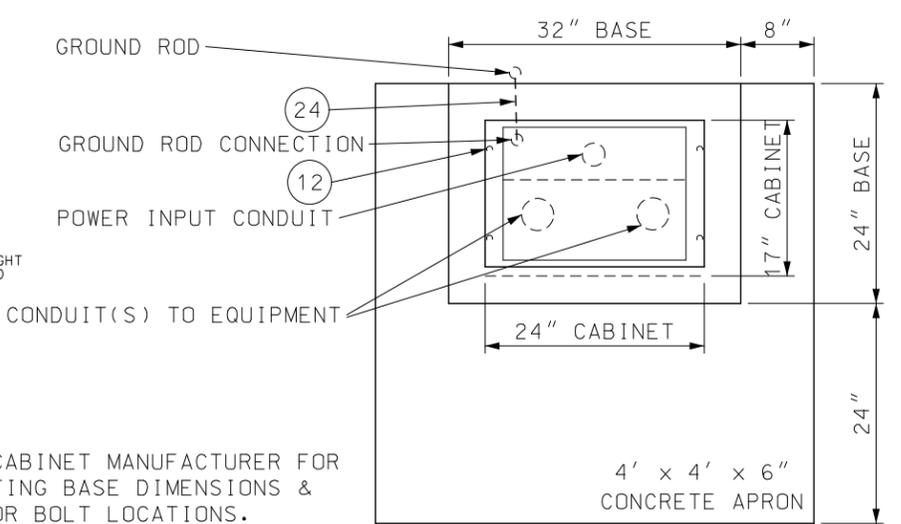
MANHOLE COLLAR FOR ASPHALT PAVING

MSD PERMIT# 21MSD-00308



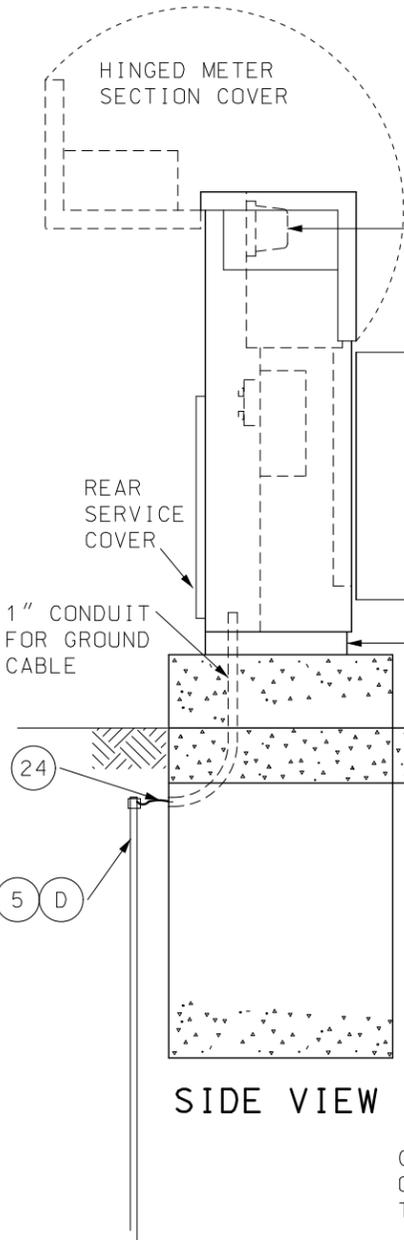
13

SEE CABINET MANUFACTURER FOR MOUNTING BASE DIMENSIONS & ANCHOR BOLT LOCATIONS.



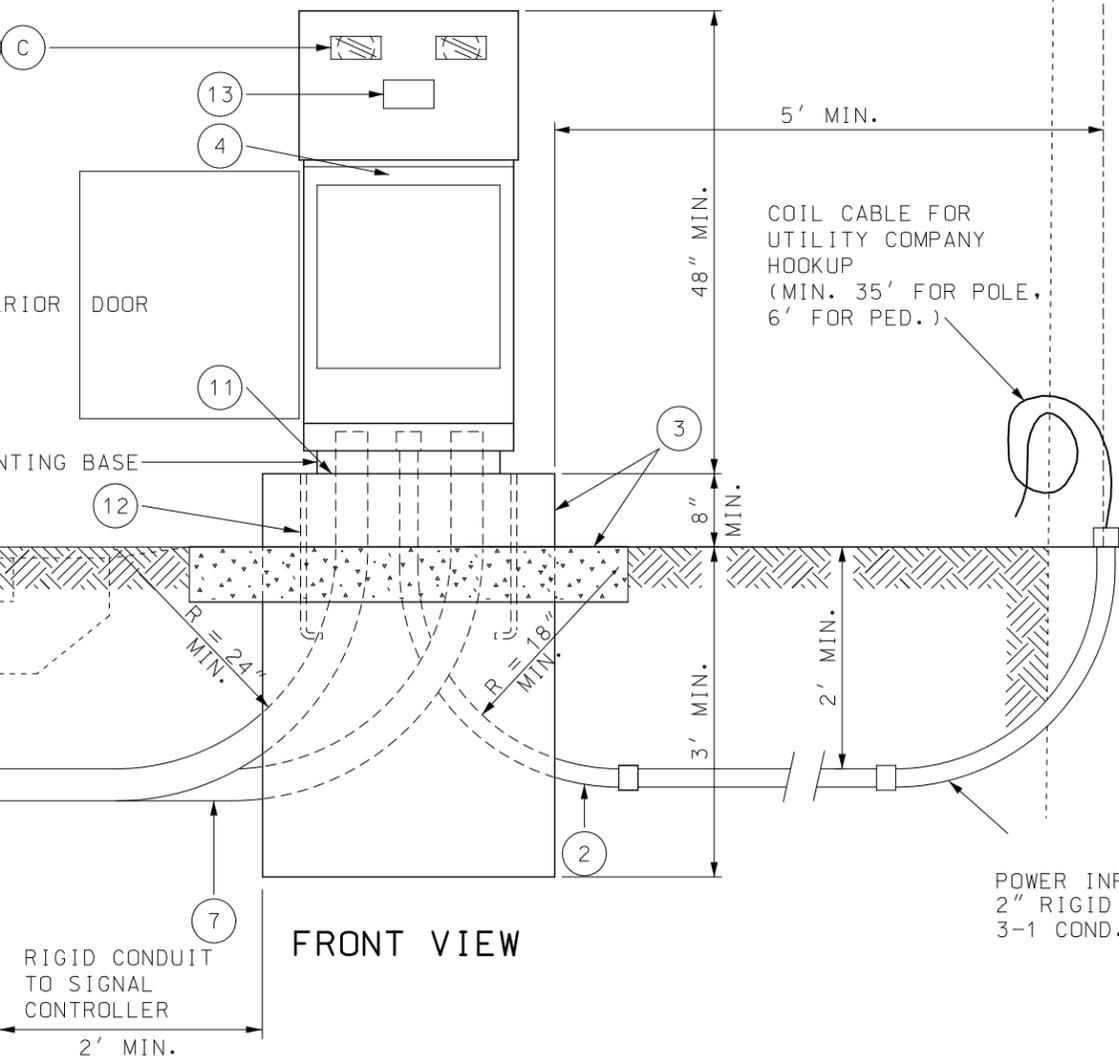
TOP VIEW

NOTE:
CABINET SHALL BE LOCATED WITH A MINIMUM 36" CLEARANCE, FRONT, BACK, AND SIDES.



SIDE VIEW

CABLE-CONDUIT OR RIGID CONDUIT TO LIGHTS



FRONT VIEW

POWER INPUT SHALL BE (MIN.):
2" RIGID STEEL CONDUIT WITH
3-1 COND. 2 AWG CABLES.

LIST OF MATERIALS	
ITEM	DESCRIPTION
1	METER SOCKET, 200 AMP
2	RIGID STEEL CONDUIT, 2" MIN. TO UTILITY CO. FACILITIES
3	CLASS B CONCRETE, 0.9 C.Y. ±
4	NEMA 4, DUST-TIGHT, WATERTIGHT, CABINET
5	GROUND ROD, 3/4" DIA. X 8' MIN. (MIN. 8' IN SOIL)
7	RIGID CONDUIT TO FIRST PULL BOX (SEE PLANS FOR SIZE)
10	PLIABLE DUCT SEALANT
11	LIFETIME SILICONE CAULK
12	ANCHOR BOLTS, 3/8" - 11 x 18" LONG BOLTS, HOT DIP GALVANIZED, 4 REQUIRED
13	WEATHERPROOF ADHESIVE LABEL, VINYL RAISED LETTERING (OR EQUIVALENT, SEE DETAIL)
24	GROUND WIRE, #2 AWG, MIN.

NOTES

- (A) IF CABLE-CONDUIT IS SPECIFIED, THE CONDUIT SHALL BE CUT AWAY FROM CABLES BETWEEN PULL BOX AND CONTROL STATION.
- (B) LIGHTING SYSTEM VOLTAGE AS SPECIFIED ON PLANS (120 OR 240 VOLTS). IF LIGHTS ARE TO BE MOUNTED ON SIGNAL POSTS, VOLTAGE MUST BE 120 VOLTS. 240 VOLT LIGHTS ARE NOT TO BE MOUNTED ON OR WIRED THROUGH SIGNAL POSTS, CONDUIT, OR PULL BOXES.
- (C) CONTROLLER CABINET WITH POWER SUPPLY SHALL BE ALUMINUM OR STAINLESS STEEL. ALL HARDWARE, HINGES, CATCHES, ETC. SHALL BE STAINLESS STEEL. METER SOCKET AND OTHER EQUIPMENT AND MATERIALS SHALL BE U.L. APPROVED, AND CONFORM TO THE REQUIREMENTS OF THE UTILITY COMPANY OR MUNICIPALITY PROVIDING POWER.
- (D) IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30 IN. DEEP. CONNECTION TO GROUND ROD SHALL BE CADWELDED.
- (E) UTILITY COMPANY SHALL DECIDE IF LIGHTNING ARRESTERS ARE TO BE CONNECTED ON THE LOAD OR LINE SIDE OF THE METER. THE UTILITY COMPANY SHALL ALSO DECIDE WHERE THE LIGHTNING ARRESTER SHALL BE MOUNTED.

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GENERAL NOTES:

- ALTERNATE CABINET DIMENSIONS WILL BE ALLOWED AS APPROVED BY THE ENGINEER. INTERIOR CABINET VOLUME SHALL BE EQUAL TO OR GREATER THAN THAT SHOWN ON PLANS AND PROPER CLEARANCES SHALL BE PROVIDED FOR ALL EQUIPMENT. CONCRETE BASE DIMENSIONS SHALL BE MODIFIED TO FIT THE CABINET SUPPLIER.
- PLACEMENT OF ALL ITEMS SHALL BE APPROVED BY THE ENGINEER.
- CABINET SHALL BE LOCATED AWAY FROM TRAFFIC. TOP MOUNT PHOTO CONTROL SHALL FACE AN OPEN SKY. SIDE MOUNT PHOTO CONTROL SHALL FACE NORTH.
- SEE PLANS FOR CIRCUIT WIRING; MAXIMUM LOADING PER CIRCUIT IS 7,400 WATTS.
- SCHEMATIC DIAGRAM SHALL BE MOUNTED ON INSIDE OF CABINET DOOR.
- THE UTILITY SHALL BE NOTIFIED IN WRITING 30 DAYS PRIOR TO DATE SERVICE WILL BE REQUIRED.
- ALL CABINET OPENINGS SHALL BE COVERED AND SEALED WITH LIFETIME SILICONE CAULK.
- ALL MATERIALS REQUIRED EXCLUDING REFERENCE ITEMS AS SHOWN ON DRAWING SHALL BE INCLUDED IN PRICE BID FOR '120/240V COMBINATION BASE MOUNTED POWER SUPPLY AND LIGHTING CONTROL STATION'.
- CABLE AND CONDUIT FROM POWER SUPPLY ASSEMBLY TO UTILITY COMPANY FACILITIES SHALL BE INCLUDED IN PRICE BID FOR '120/240V COMBINATION BASE MOUNTED POWER SUPPLY AND LIGHTING CONTROL STATION'.



DATE PREPARED
8/4/2021
ROUTE 367 STATE MO
DISTRICT SL SHEET NO. 22A
COUNTY ST. LOUIS
JOB NO. J6S3437
CONTRACT ID.

PROJECT NO.
BRIDGE NO.

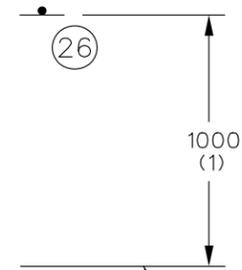
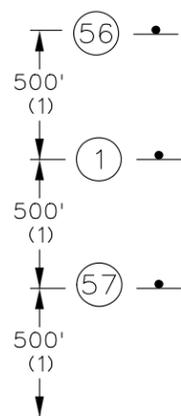
DATE	DESCRIPTION

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

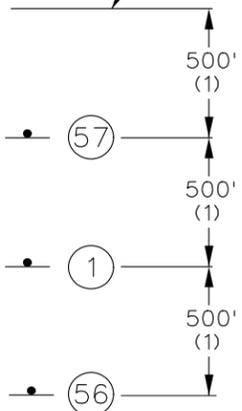
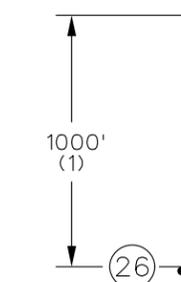
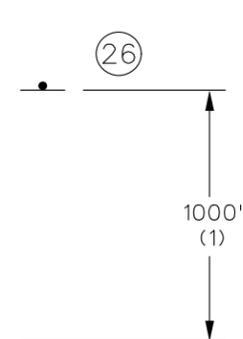
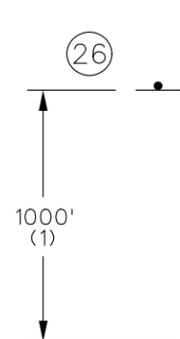
SPECIAL SHEET
PAD MOUNTED 120V/240V POWER SUPPLY & LIGHTING CONTROLLER
DUAL METER
SHEET 1 OF 2

D6DE APPROVED: MARCH 26, 2007

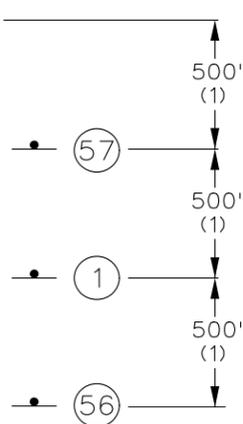
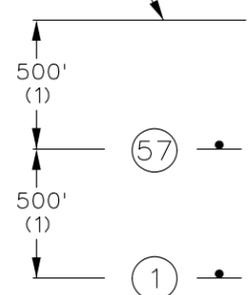
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



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.



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



NOTES:
SIGN G020-1 IS REQUIRED PER EPG 616.6.56.
SIGN G020-2 IS USED ON ALL PROJECTS WHERE SIGN G020-1 IS USED.
OTHER SIGNS SUCH AS DETOUR OR ALTERNATE ROUTE SIGNING MAY BE USED OUTSIDE THE PROJECT LIMITS.

ANY EXISTING SIGNING THAT CONFLICTS WITH THE TRAFFIC CONTROL SIGNING SHALL BE COMPLETELY COVERED OR REMOVED.
(1) DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS. WHERE TRAFFIC BACKUPS ARE EXPECTED BEYOND THE ADVANCE WARNING AREA, ADDITIONAL SIGNING MAY BE NEEDED.

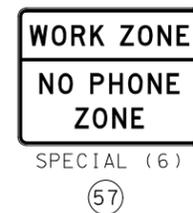
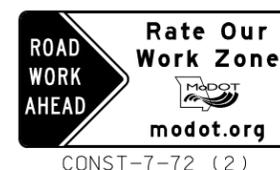
(2) SIGN CONST-7-72 OR CONST-7-48 IS PLACED 500 FEET BEFORE THE BEGINNING OF PROJECT LIMITS OR THE ROAD WORK AHEAD SIGN OR ROAD WORK NEXT XX MILES SIGN. IF USED, WHEN THESE SIGNS ARE LOCATED OUTSIDE THE PROJECT LIMITS.

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

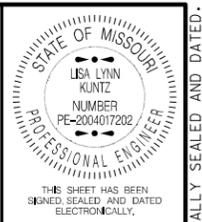
(4) THE "RATE OUR WORK ZONE" SIGN IS AVAILABLE IN TWO SIZES DEPENDING ON ROADWAY CONDITIONS. THE 48 IN. X 24 IN. SIGN IS USED ON LOW VOLUME ROUTES THAT CARRY 400 AADT OR LESS, ON PROJECTS THAT HAVE A DURATION OF 4 WEEKS OR LESS OR IN URBAN AREAS WHERE THERE IS INSUFFICIENT LIGHTS OF WAY FOR A SIX FOOT WIDE SIGN. THE 72 IN. X 36 IN. VERSION OF THE SIGN IS USED IN ALL OTHER APPLICATIONS, BUT CAN ALSO BE USED IN PLACE OF THE 48 IN. X 24 IN. SIGN IF ADDED EMPHASIS IS DEEMED NECESSARY.

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

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



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DATE PREPARED 8/4/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 24
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

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

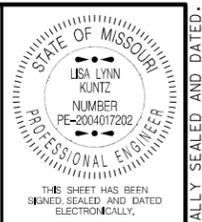
TRAFFIC CONTROL SHEET
BEGIN/END OF PROJECT SIGNING

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

TWO-LANE UNDIVIDED
NOT TO SCALE

BEGIN/END OF PROJECT SIGNING
(FOR USE ON ALL PROJECTS)

MULTI-LANE DIVIDED



DATE PREPARED
8/4/2021

ROUTE 367 STATE MO

DISTRICT SL SHEET NO. 32

COUNTY ST. LOUIS

JOB NO. J6S3437

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

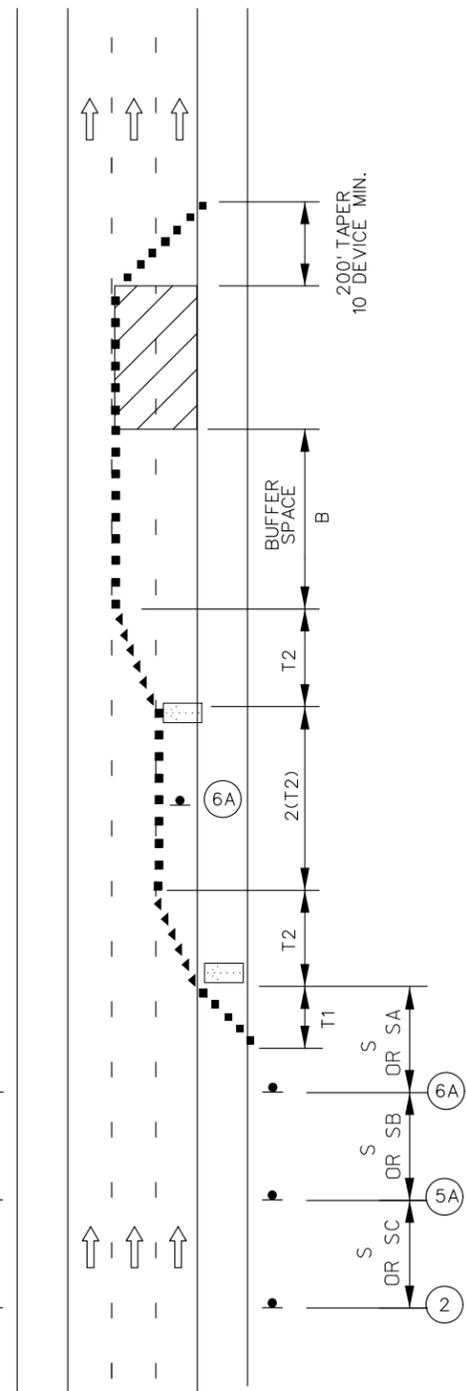
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

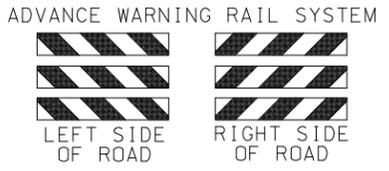
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TRAFFIC CONTROL SHEET
DOUBLE LANE CLOSURE
ON A FREEWAY



DOUBLE LANE CLOSURE
ON A FREEWAY



W04-1a
6A

- TRAFFIC CONTROL LEGEND
- ▲ SIGN (SINGLE SIDED)
 - ◄ DIRECTIONAL INDICATOR BARRICADE
 - CHANNELIZER (TRIM-LINE)
 - ▨ WORK AREA
 - ◻ FLASHING ARROW PANEL



W020-1
2



W020-6a
6



W020-5a
5A

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NOTES:

- SEE EPG 616.12 WORK ZONE SPEED LIMITS FOR SPEED LIMIT GUIDELINES.
- REMOVE AND/OR MODIFY ANY EXISTING PAVEMENT MARKING AS NEEDED.
- TEMPORARY PAVEMENT MARKING REQUIRED WITH LONG TERM LANE CLOSURES.
- ALTERNATIVE TEMPORARY TRAFFIC CONTROL SET-UPS SHOULD BE CONSIDERED WHEN REDUCTION IN CAPACITY CANNOT BE TOLERATED.
- FOR NIGHTTIME OPERATIONS, REVIEW EPG 616.6.83 WARNING LIGHTS FOR USE OF SEQUENTIAL LIGHTS.
- FOR FLAGS AND ADVANCE WARNING RAIL SYSTEM, REFER TO EPG 616.6.2.2 FLAGS AND ADVANCE WARNING RAIL SYSTEM.
- REVIEW EPG 616.6.63 CHANNELIZING DEVICES FOR DIFFERENT TYPES AND GUIDELINES FOR THE DEVICES.
- A FLASHING ARROW BOARD SHALL BE USED WHEN A FREEWAY LANE IS CLOSED. WHEN MORE THAN ONE FREEWAY LANE IS CLOSED, A SEPARATE FLASHING ARROW BOARD SHALL BE USED FOR EACH CLOSED LANE.

SPEED	SIGN SPACING (ft.)		TAPER LENGTH (ft.)		OPTIONAL BUFFER LENGTH (ft.) (B)	CHANNELIZER SPACING (ft.)	
	UN -DIVIDED (S)	DIVIDED (S)	SHOULDER (1) (T1)	LANE (2) (T2)		TAPERS	BUFFER/ WORK AREAS
40-45	350	500	150	540	400	40	80
50-55	500	1000	185	660	560	50	80

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

NOT TO SCALE

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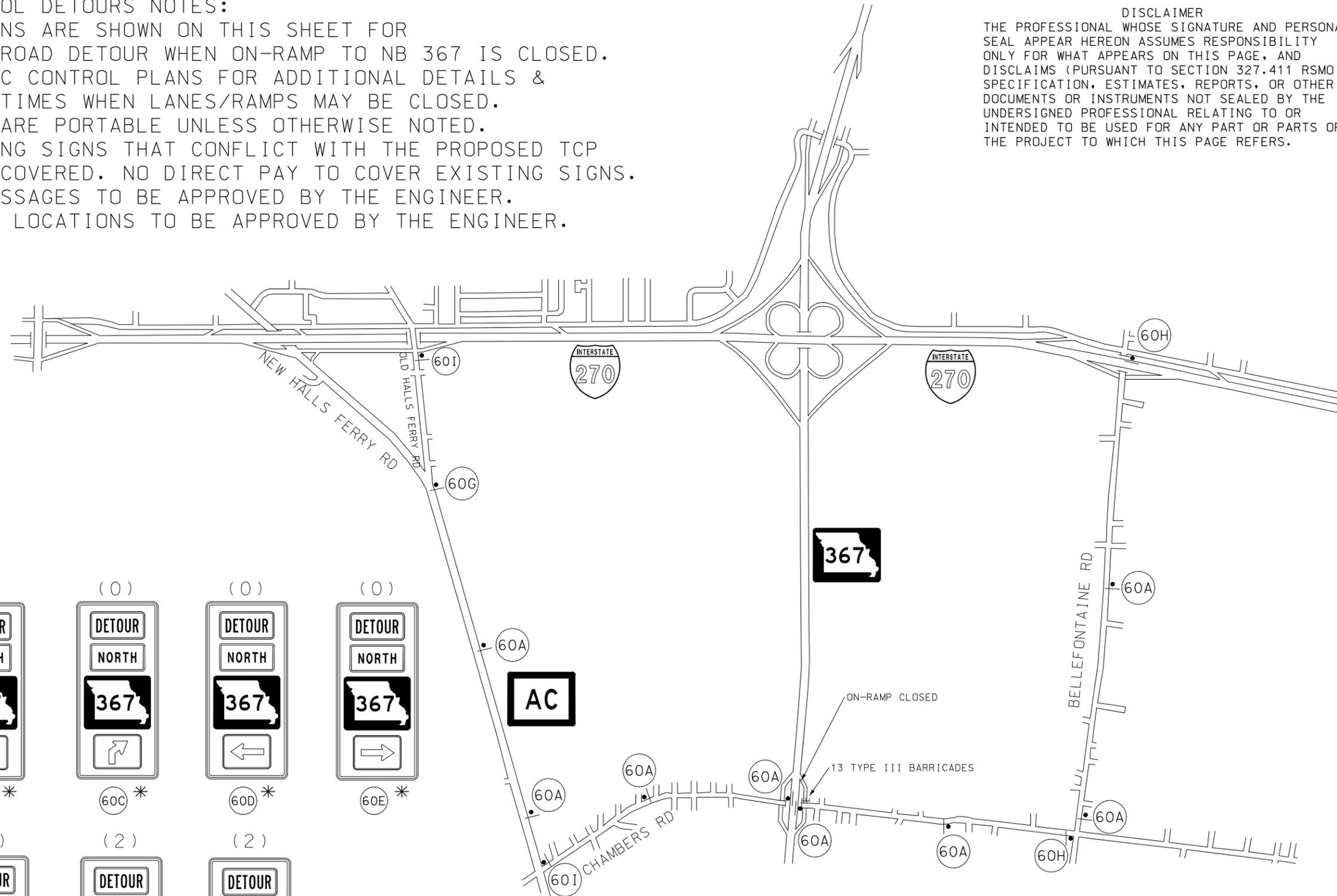
TRAFFIC CONTROL DETOURS NOTES:

1. DETOUR SIGNS ARE SHOWN ON THIS SHEET FOR CHAMBERS ROAD DETOUR WHEN ON-RAMP TO NB 367 IS CLOSED.
2. SEE TRAFFIC CONTROL PLANS FOR ADDITIONAL DETAILS & JSPs FOR TIMES WHEN LANES/RAMPS MAY BE CLOSED.
3. ALL SIGNS ARE PORTABLE UNLESS OTHERWISE NOTED.
4. ALL EXISTING SIGNS THAT CONFLICT WITH THE PROPOSED TCP SHALL BE COVERED. NO DIRECT PAY TO COVER EXISTING SIGNS.
5. ALL CMS MESSAGES TO BE APPROVED BY THE ENGINEER.
6. EXACT SIGN LOCATIONS TO BE APPROVED BY THE ENGINEER.

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DATE PREPARED 8/4/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 34A
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



* SPECIAL SIGN



NOTE: CONTRACTOR SHALL CLOSE LT. TURN LANE FROM EB CHAMBERS ROAD TO ON-RAMP TO NB RTE. 367 DURING RAMP WIDENING/EXTENSION WORK. SEE GENERIC TCP SHEETS FOR ADDITIONAL DETAILS.

TRAFFIC CONTROL LEGEND
 • SIGN (SINGLE SIDED)

DRAWING NOT TO SCALE

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

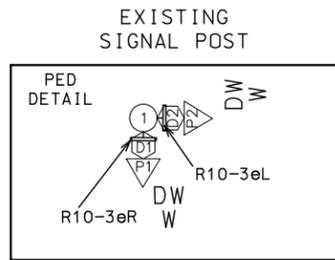
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

TRAFFIC CONTROL SHEET
 CHAMBERS ON-RAMP DETOUR

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



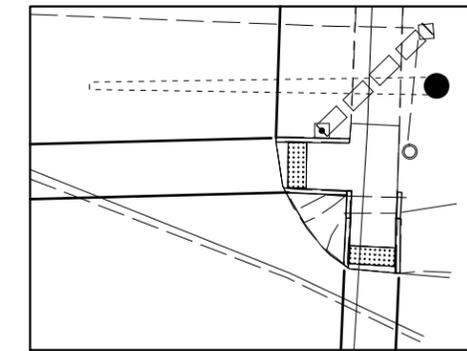
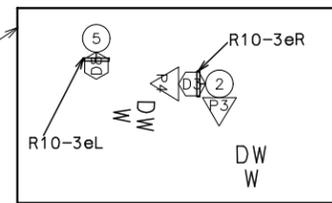
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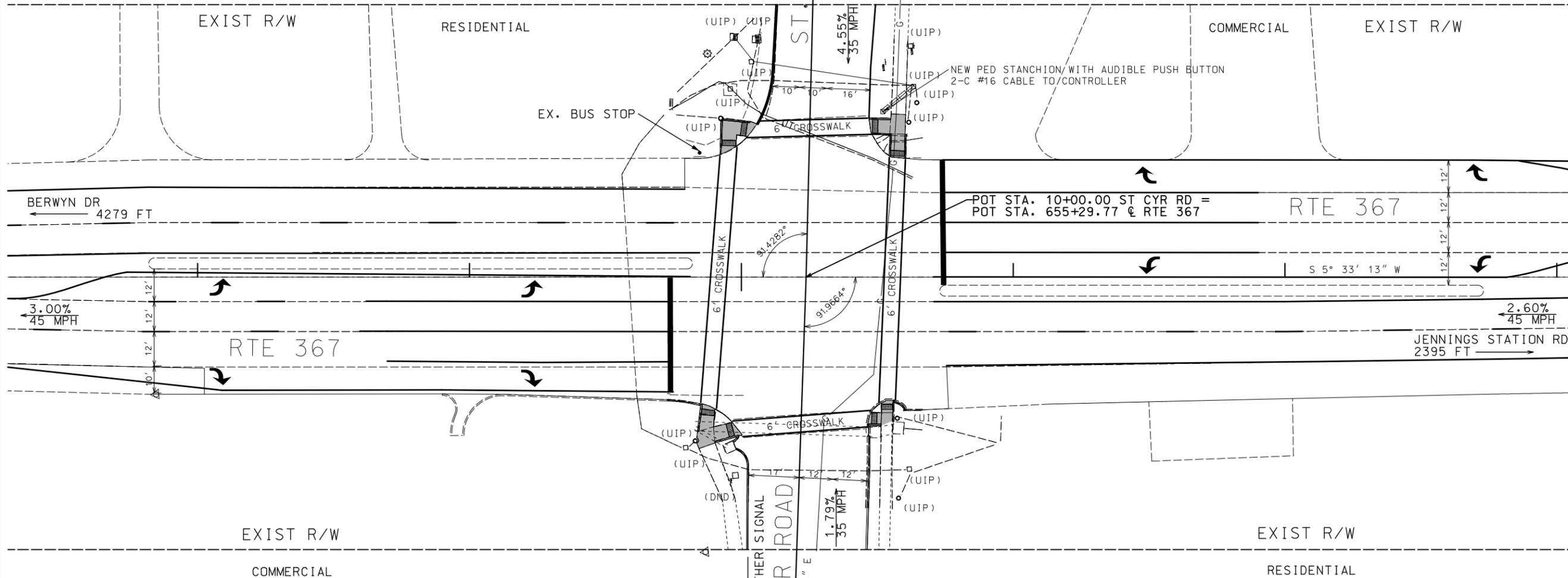
CONTRACTOR SHALL USE METAL PLATE TO COVER HOLES IN SIGNAL POST WHERE PEDESTRIAN PUSH BUTTONS HAVE BEEN REMOVED (NO DIRECT PAY)

NEW PED STANCHION AND EXISTING SIGNAL DETAIL

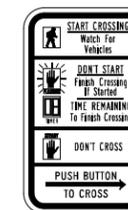
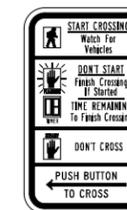
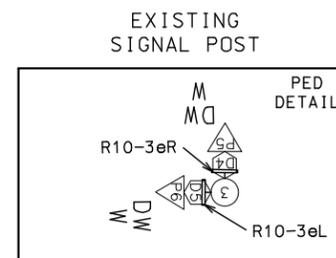
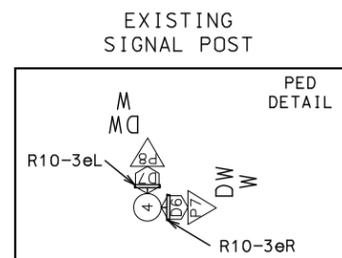
STANCHION TO PULLBOX
 15' RIGID CONDUIT
 3" P (1-2C#16)



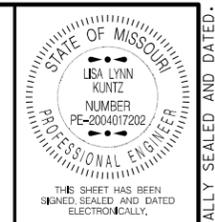
SE CORNER
 SCALE 1" = 10'



TRAFFIC SIGNALS LEGEND	
	CONTROLLER (EXISTING)
	JUNCTION BOX (EXISTING)
	POWER SUPPLY (UIP EXISTING)
	SIGNAL HEAD (PEDESTRIAN)
	SIGNAL HEAD (STANDARD) (EXISTING)
	PUSH BUTTON DETECTOR
	PREFORMED PULL BOX TYPE 1 (EXISTING)
	PREFORMED PULL BOX TYPE 2 (EXISTING)
	CONDUIT PUSHED
	CONDUIT EXISTING
	CONDUIT TRENCHED



R10-3eL R10-3eR



DATE PREPARED 8/5/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 35
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

DATE	DESCRIPTION

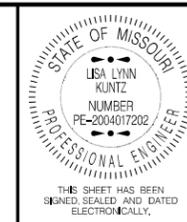
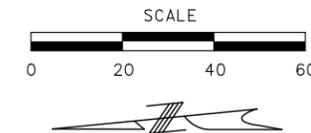
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

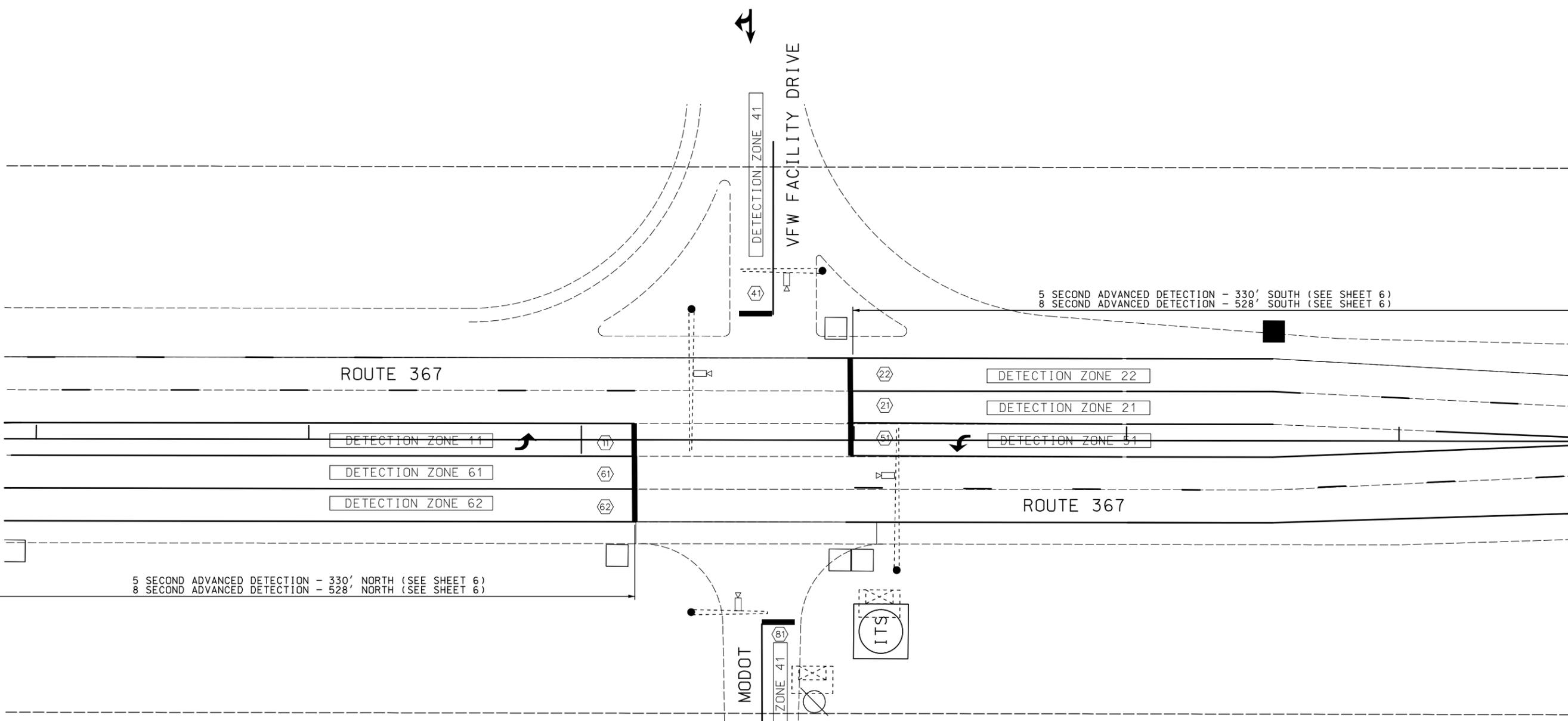
SIGNAL SHEET
 ROUTE 367 AT
 ST. CYR ROAD

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

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DATE PREPARED
 8/5/2021
 ROUTE 367 STATE MO
 DISTRICT SL SHEET NO. 37
 COUNTY ST. LOUIS
 JOB NO. J6S3437
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.



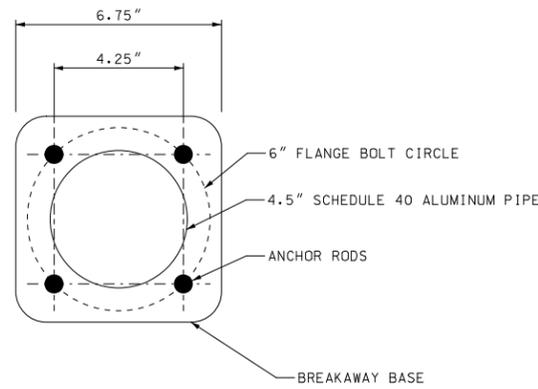
DESCRIPTION	DATE

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

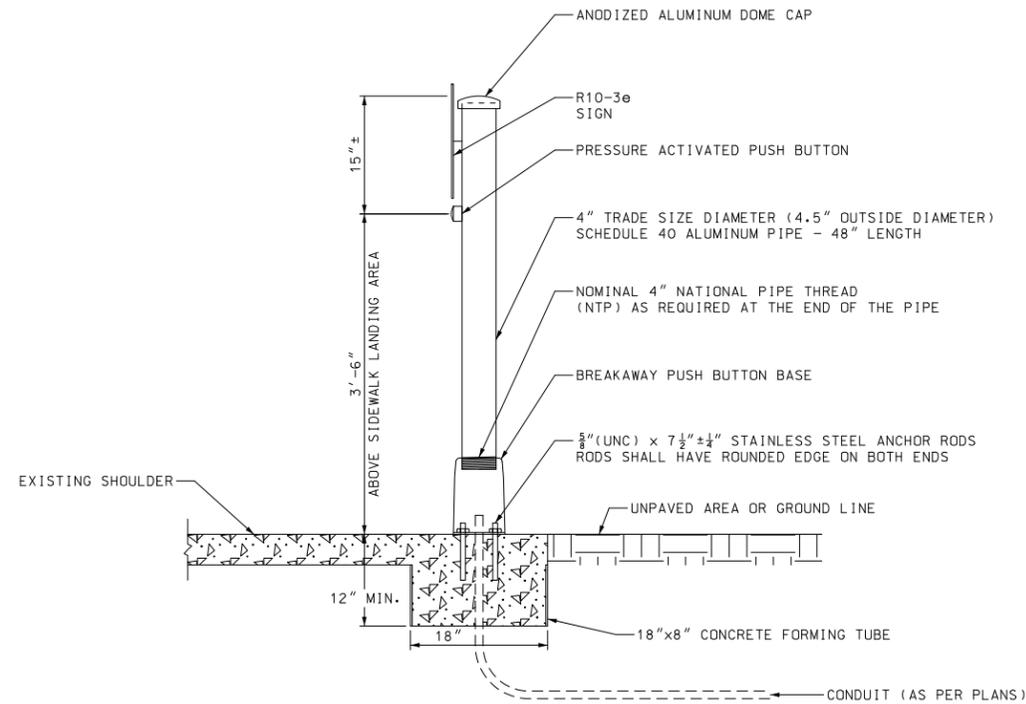
[Symbol] CONTROLLER	[Symbol] CCTV CAMERA	[Symbol] 6 X 6 LOOP DETECTOR
[Symbol] CONTROLLER (EXISTING)	[Symbol] VIDEO DETECTOR	[Symbol] 6 X 15 LOOP DETECTOR
[Symbol] JUNCTION BOX	[Symbol] PUSH BUTTON DETECTOR	[Symbol] 30 X 6 LOOP DETECTOR
[Symbol] POWER SUPPLY	[Symbol] PREFORMED PULL BOX TYPE 1	[Symbol]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

SIGNAL SHEET
 VIDEO DETECTION
 ROUTE 367 AT
 VFW FACILITY DRIVE

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



ANCHOR ROD PLACEMENT



PUSH BUTTON STANCHION

NOTES:

- INSTALLATION OF THE PUSH BUTTON STANCHION SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
- CABLES SHALL HAVE A SLIP-FIT CONNECTION IN THE PEDESTAL THAT WILL DETACH IN THE EVENT THE POLE IS STRUCK.

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DATE PREPARED 8/4/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 38
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

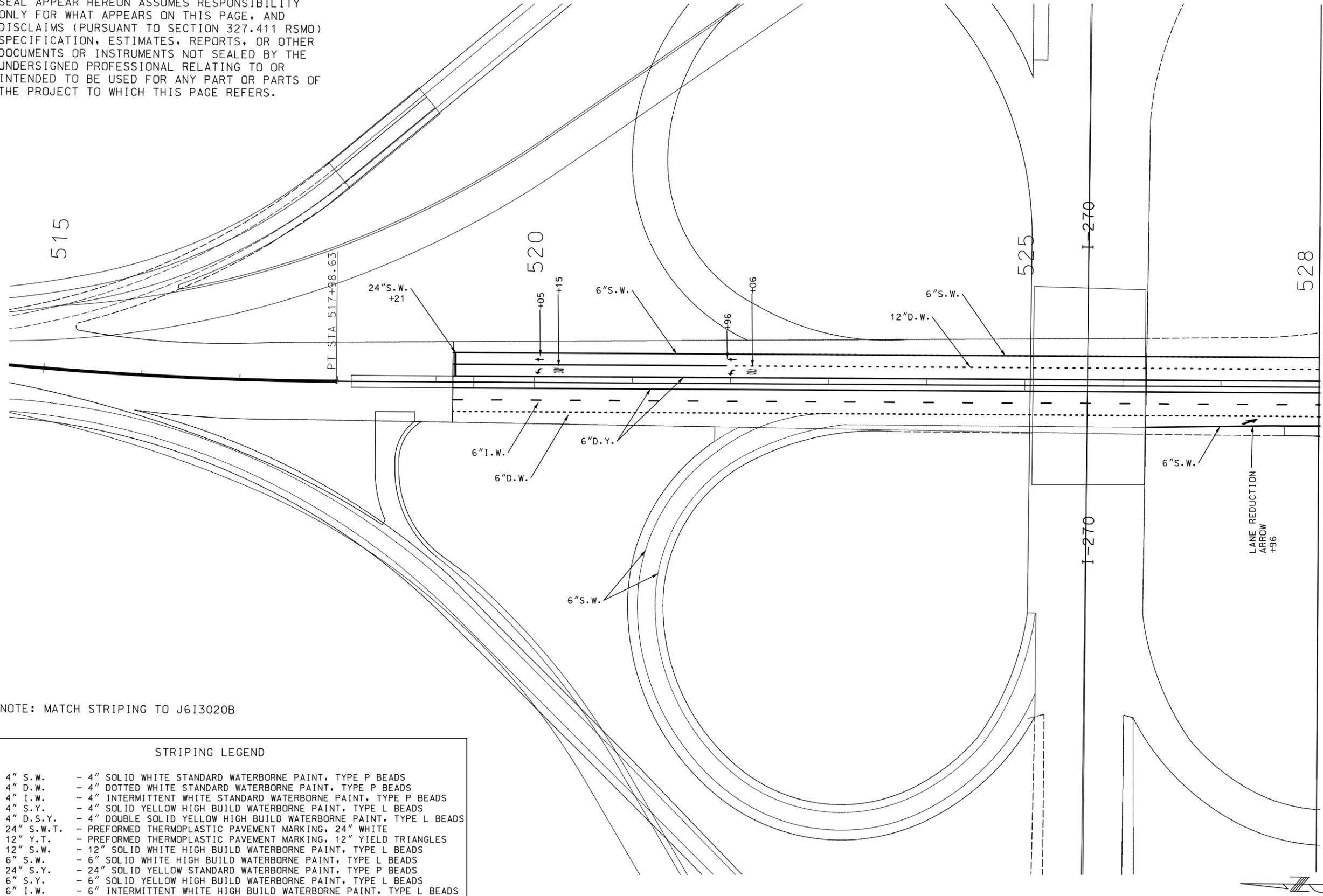
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-278-6636)

SPECIAL SHEET
 ADA PEDESTRIAN
 PUSH BUTTON STANCHION

NOT TO SCALE

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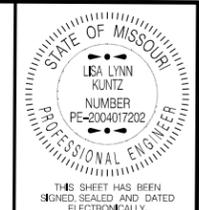


NOTE: MATCH STRIPING TO J613020B

STRIPING LEGEND	
4" S.W.	- 4" SOLID WHITE STANDARD WATERBORNE PAINT, TYPE P BEADS
4" D.W.	- 4" DOTTED WHITE STANDARD WATERBORNE PAINT, TYPE P BEADS
4" I.W.	- 4" INTERMITTENT WHITE STANDARD WATERBORNE PAINT, TYPE P BEADS
4" S.Y.	- 4" SOLID YELLOW HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
4" D.S.Y.	- 4" DOUBLE SOLID YELLOW HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
24" S.W.T.	- PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24" WHITE
12" Y.T.	- PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12" YIELD TRIANGLES
12" S.W.	- 12" SOLID WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" S.W.	- 6" SOLID WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
24" S.Y.	- 24" SOLID YELLOW STANDARD WATERBORNE PAINT, TYPE P BEADS
6" S.Y.	- 6" SOLID YELLOW HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" I.W.	- 6" INTERMITTENT WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" D.W.	- 6" DOTTED WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS



MATCHLINE STA. 528+00.00 (SEE SHEET 40)



DATE PREPARED
8/6/2021

ROUTE 367 STATE MO
 DISTRICT SL SHEET NO. 39

COUNTY
ST. LOUIS

JOB NO.
J6S3437
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)

PAVEMENT MARKINGS SHEETS
 SHEET 1 OF 8

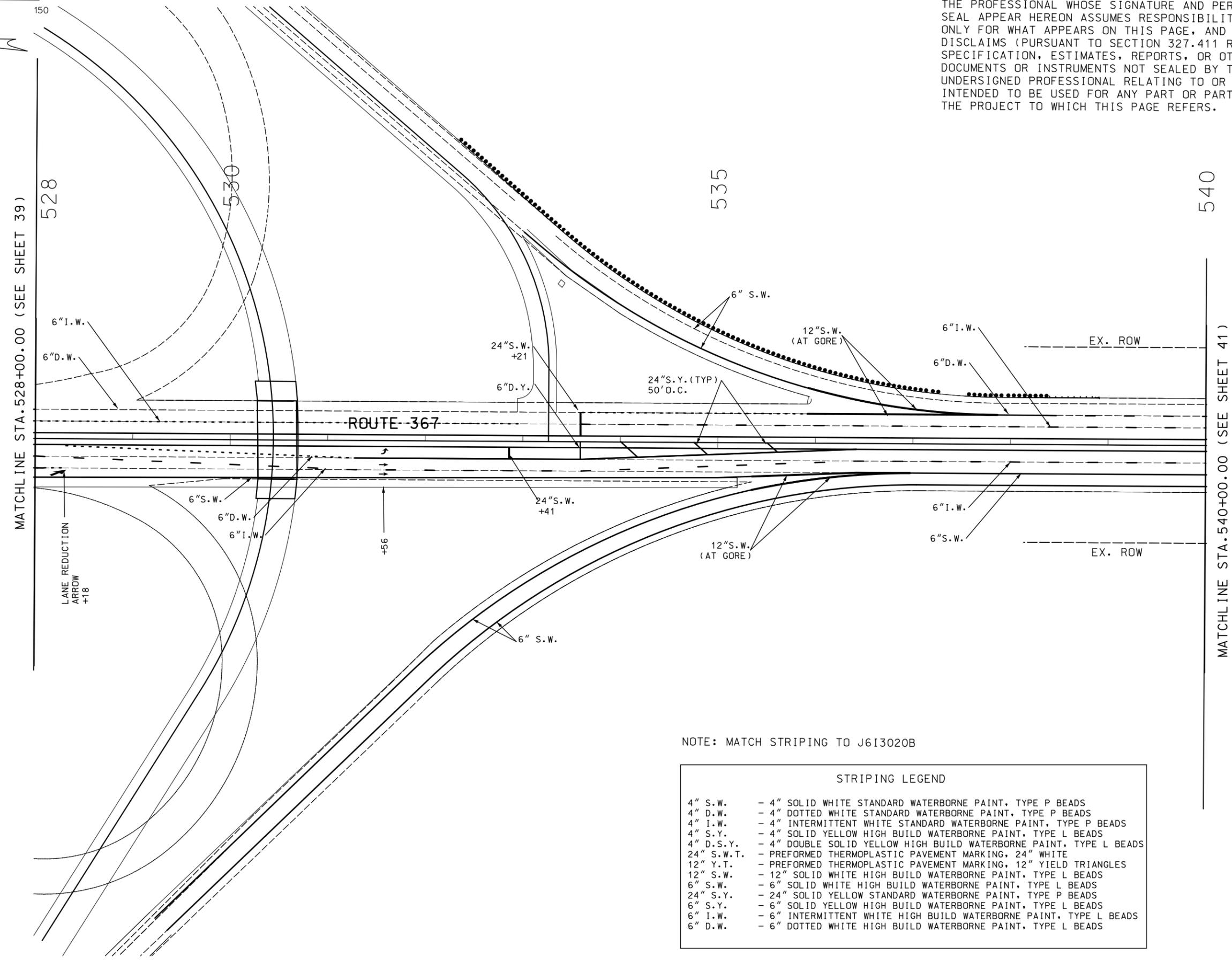
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DATE PREPARED 8/6/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 40
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	



NOTE: MATCH STRIPING TO J6I3020B

STRIPING LEGEND	
4" S.W.	- 4" SOLID WHITE STANDARD WATERBORNE PAINT, TYPE P BEADS
4" D.W.	- 4" DOTTED WHITE STANDARD WATERBORNE PAINT, TYPE P BEADS
4" I.W.	- 4" INTERMITTENT WHITE STANDARD WATERBORNE PAINT, TYPE P BEADS
4" S.Y.	- 4" SOLID YELLOW HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
4" D.S.Y.	- 4" DOUBLE SOLID YELLOW HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
24" S.W.T.	- PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24" WHITE
12" Y.T.	- PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12" YIELD TRIANGLES
12" S.W.	- 12" SOLID WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" S.W.	- 6" SOLID WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
24" S.Y.	- 24" SOLID YELLOW STANDARD WATERBORNE PAINT, TYPE P BEADS
6" S.Y.	- 6" SOLID YELLOW HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" I.W.	- 6" INTERMITTENT WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" D.W.	- 6" DOTTED WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS

DATE	DESCRIPTION

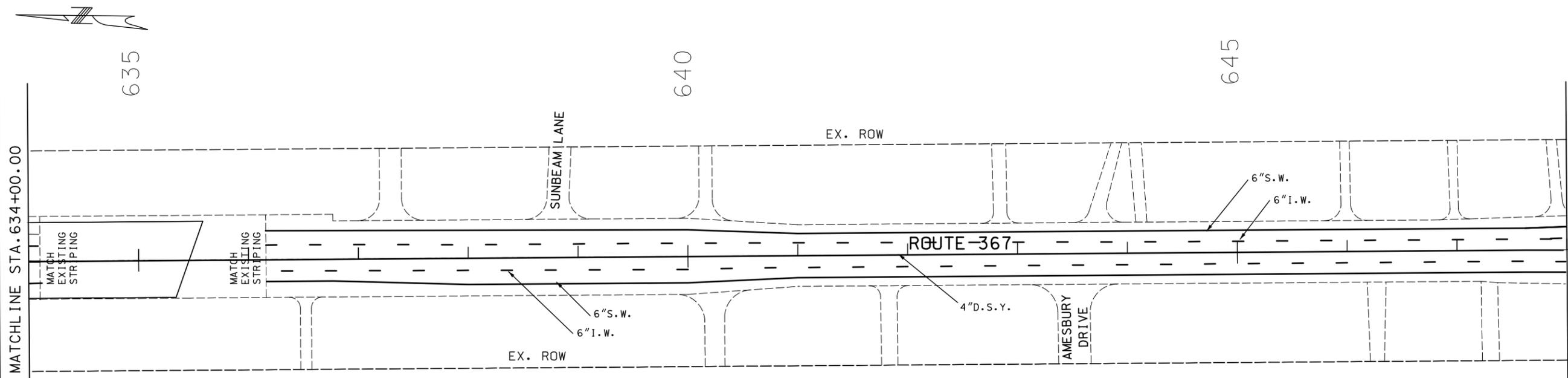
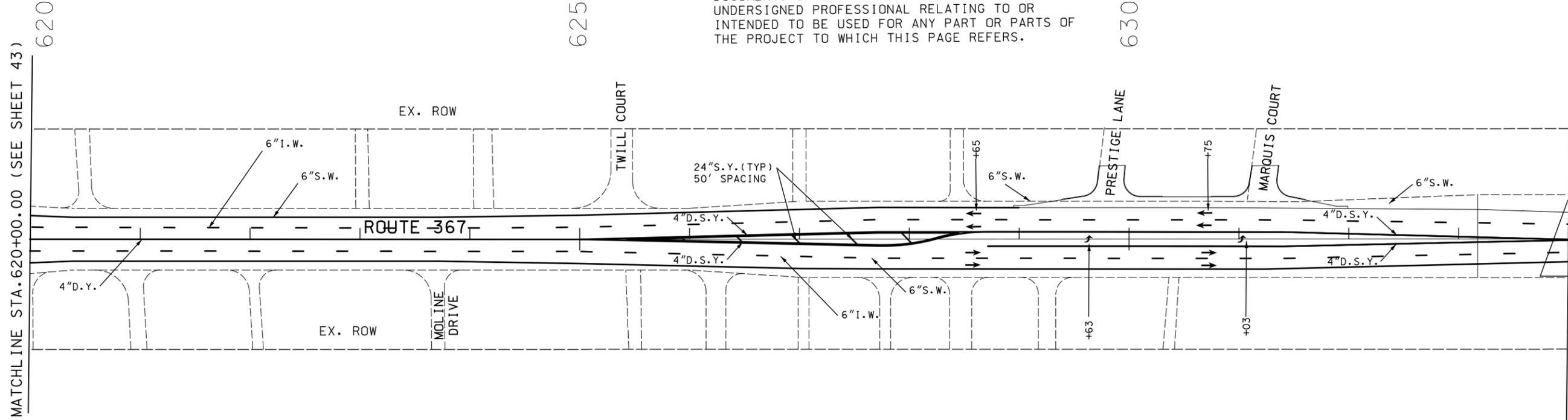
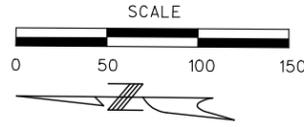
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

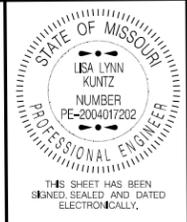
PAVEMENT MARKINGS SHEETS
 SHEET 2 OF 8

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STRIPING LEGEND	
4" D.S.Y.	- 4" DOUBLE SOLID YELLOW HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" S.W.T.	- 6" PREFORMED THERMOPLASTIC PAVEMENT MARKING
24" S.W.T.	- PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24" WHITE
12" Y.T.	- PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12" YIELD TRIANGLES
12" S.W.	- 12" SOLID WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" S.W.	- 6" SOLID WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
24" S.Y.	- 24" SOLID YELLOW STANDARD WATERBORNE PAINT, TYPE P BEADS
6" S.Y.	- 6" SOLID YELLOW HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" I.W.	- 6" INTERMITTENT WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" D.W.	- 6" DOTTED WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS



DATE PREPARED 8/6/2021	
ROUTE 367	STATE MO
DISTRICT SL	SHEET NO. 44
COUNTY ST. LOUIS	
JOB NO. J6S3437	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

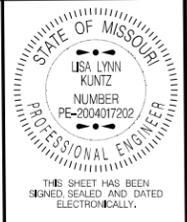
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

PAVEMENT MARKINGS SHEETS
 SHEET 6 OF 8

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DATE PREPARED
8/6/2021

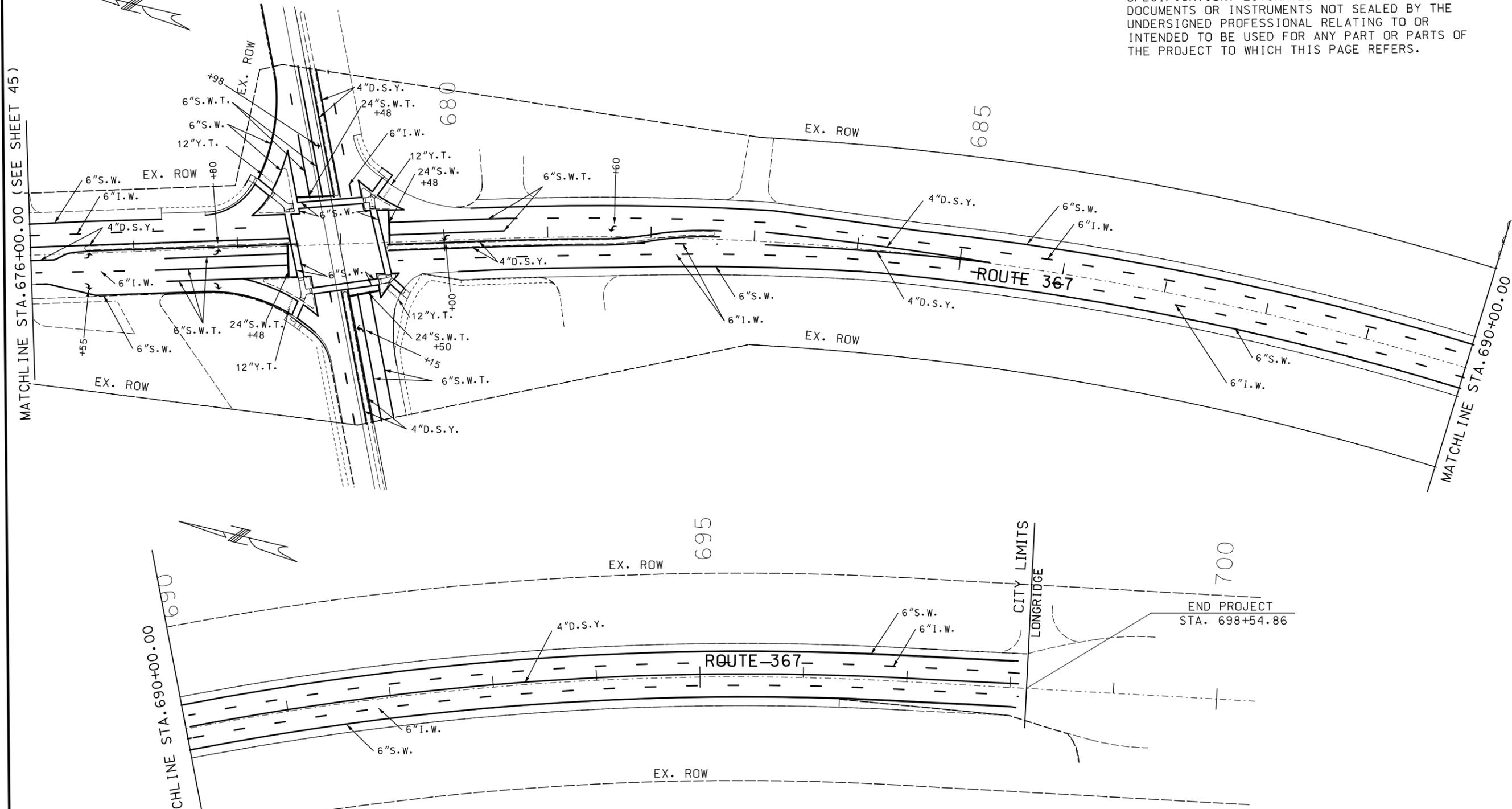
ROUTE 367 STATE MO
 DISTRICT SL SHEET NO. 46

COUNTY ST. LOUIS

JOB NO. J6S3437
 CONTRACT ID.

PROJECT NO.

BRIDGE NO.



STRIPING LEGEND

4" D.S.Y.	- 4" DOUBLE SOLID YELLOW HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" S.W.T.	- 6" PREFORMED THERMOPLASTIC PAVEMENT MARKING
24" S.W.T.	- PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24" WHITE
12" Y.T.	- PREFORMED THERMOPLASTIC PAVEMENT MARKING, 12" YIELD TRIANGLES
12" S.W.	- 12" SOLID WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" S.W.	- 6" SOLID WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
24" S.Y.	- 24" SOLID YELLOW STANDARD WATERBORNE PAINT, TYPE P BEADS
6" S.Y.	- 6" SOLID YELLOW HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" I.W.	- 6" INTERMITTENT WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS
6" D.W.	- 6" DOTTED WHITE HIGH BUILD WATERBORNE PAINT, TYPE L BEADS

DESCRIPTION	DATE



PAVEMENT MARKINGS SHEETS
 SHEET 8 OF 8

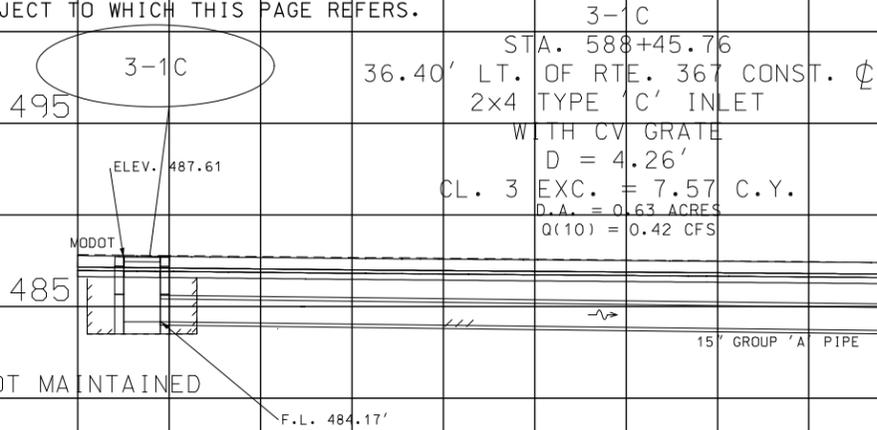
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NOTE: ALL STORM SEWER PIPES MAINTAINED BY MODOT UNLESS OTHERWISE NOTED.

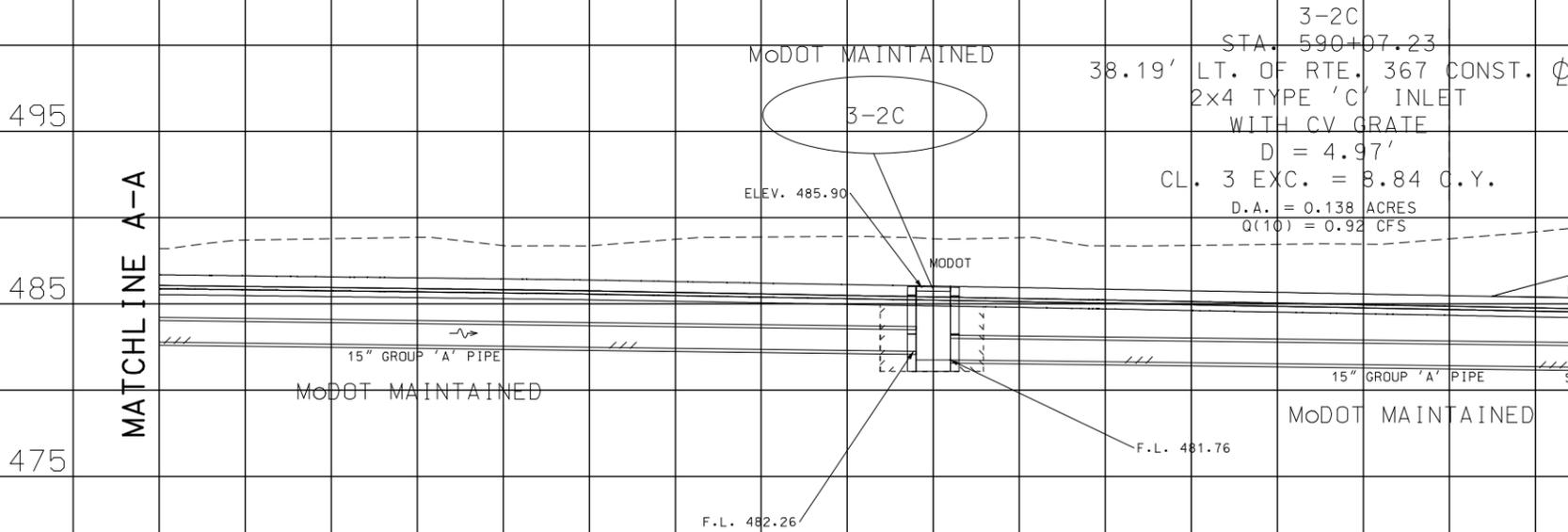


DATE PREPARED
 8/7/2021
 ROUTE 367 STATE MO
 DISTRICT SL SHEET NO. 48
 COUNTY ST. LOUIS
 JOB NO. J6S3437
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.



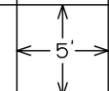
3-1C TO 3-2C
 15" x 161.59' GROUP A PIPE
 CL. 3 EXC. = 120.68 C.Y.
 D.A. = 0.063 ACRES
 Q(10) = 0.42 CFS

MATCHLINE A-A



3-2C TO 3-3MH
 15" x 140.42' GROUP A PIPE
 CL. 3 EXC. = 105.59 C.Y.
 D.A. = 0.201 ACRES
 Q(10) = 1.34 CFS

MATCHLINE B-B



NOTE: ALL GROUP 'A' PIPES ARE SMOOTH WALL PIPES W/ n VALUE ESTIMATED @ 0.013.

MSD PERMIT # 21MSD-00308

DESCRIPTION

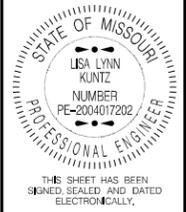
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



CULVERT SECTIONS

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



DATE PREPARED
8/4/2021

ROUTE 367 STATE MO

DISTRICT SL SHEET NO. 53

COUNTY ST. LOUIS

JOB NO. J6S3437

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

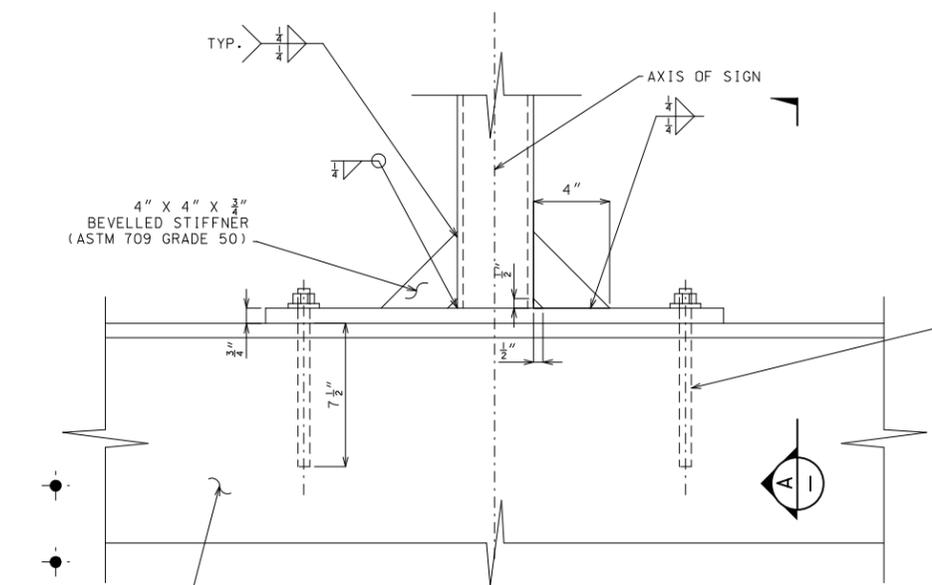
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

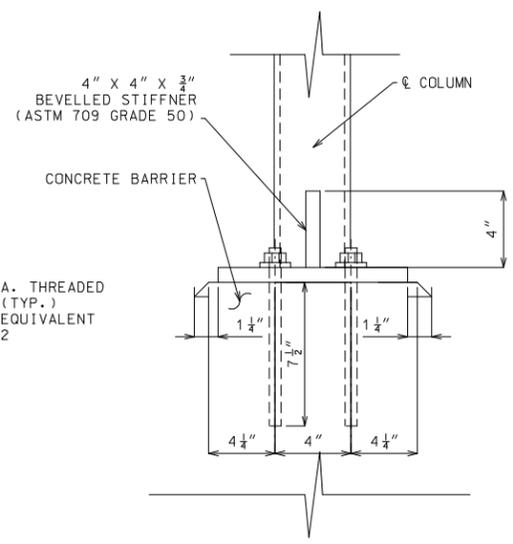
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

SIGNING SPECIAL SHEET
BARRIER MOUNTED SIGN

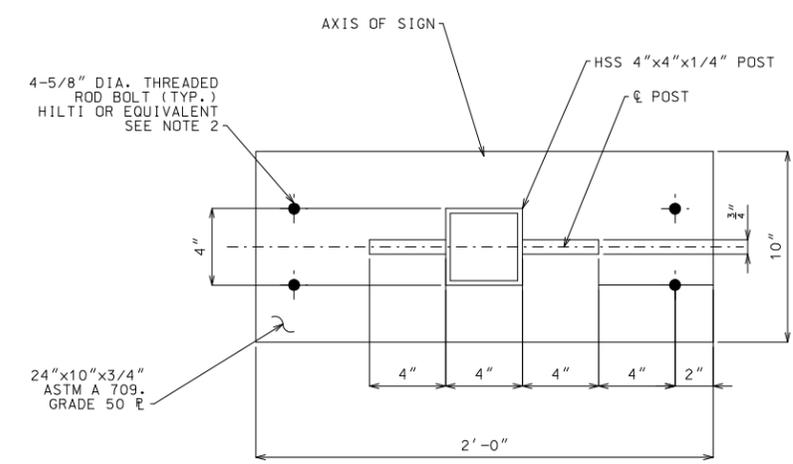
IF A SEAL IS PRESENT ON THIS SHEET IT HAS BEEN ELECTRONICALLY SEALED AND DATED.



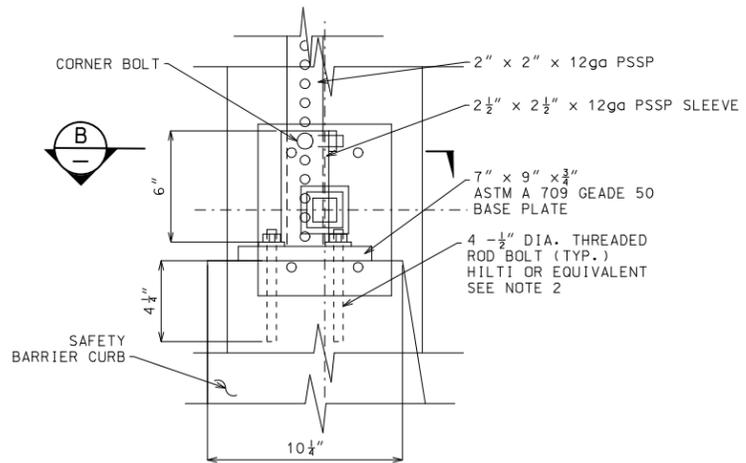
OPTION A
(FOR SIGN AREA UP TO 35 SQ. FT.)



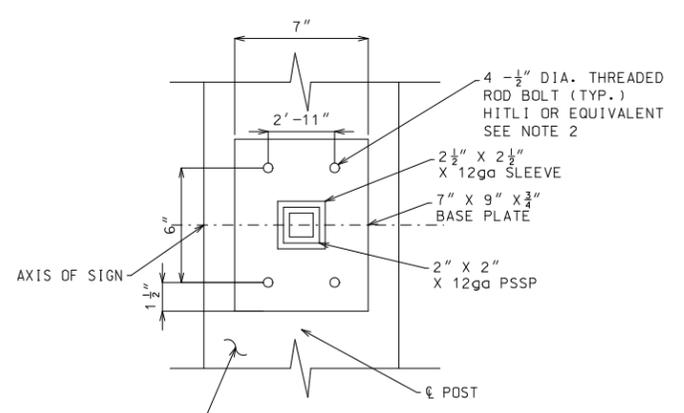
SECTION A



BASE PLATE DETAIL



OPTION B
(FOR SIGN AREA UP TO 12 SQ. FT.)



SECTION B

NOTES:

1. THREADED ROD BOLTS SHALL CONFORM TO ASTM F 1554 GRADE 55.
2. HILTI HVA CAPSULE ADHESIVE ANCHORS OR APPROVED EQUAL.
3. CONCRETE IN BARRIER SHALL CONFIRM CLASS B1 (f'c = 4000 PSI).
4. OPTION A DETAIL SHALL BE USED WHEN FENCING IS MOUNTED TO THE TOP OF THE BARRIER. AT THE CONTRACTOR'S OPTION, THE SIGN POST MAY BE MOVED TO THE NEAREST FENCING LINE POST LOCATION AND REPLACE THE LINE POST.
5. LEVELING NUT MAY BE USED IF TOP OF BARRIER IS NOT COMPLETELY LEVEL.

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