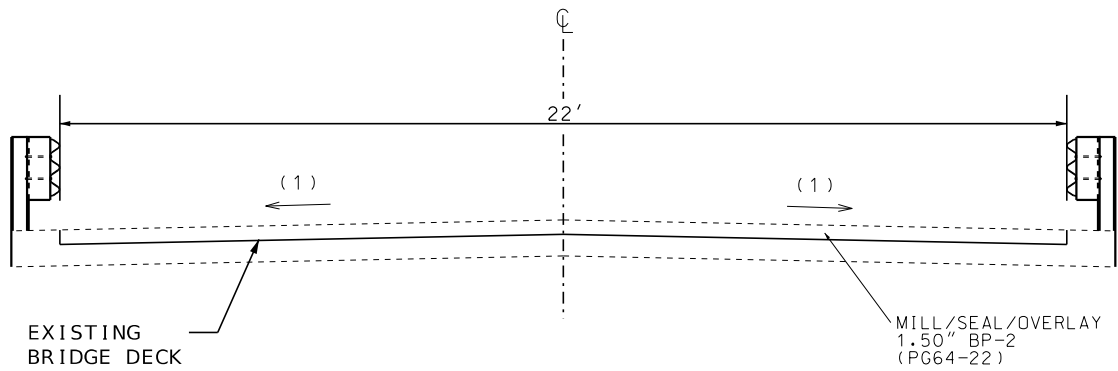


ESTIMATE FACTORS FOR ASPHALTIC MIXTURES	
1.5" OVERLAY - BP-2 (PG64-22)	2.040 TONS/CY
EMULSIFIED ASPHALT	0.35 GAL/SY
FOR INFORMATIONAL PURPOSES ONLY	



TYPICAL SECTION
 ROUTE 72
 MILL/SEAL/OVERLAY
 BRIDGE J0968
 LOG MILE 41.565 TO LOG MILE 41.593

NOTES:

SURFACE PLACEMENT SHALL BE ONE PASS PER LANE
 NO S.E. CORRECTION.

EXISTING TYPICALS ARE FOR INFORMATION ONLY.
 PAVEMENT LAYERS MAY VARY FROM TYPICALS.

AVOID MILLING INTO EXISITNG BOLT THREADS

(1) MATCH EXISTING TRAVELWAY CROSS SLOPE

LOG MILE LOCATIONS APPROXIMATE. ADJUST AS
 DIRECTED BY ENGINEER TO FIT FIELD CONDITIONS.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.

STATE OF MISSOURI

JACOB CAPEDE

NUMBER

PE-2018021161

PROFESSIONAL ENGINEER

Jacob Capede

JACOB CAPEDE - CIVIL

MO-PE-2018021161

DATE PREPARED

7/15/2026

ROUTE

72

STATE

MO

DISTRICT

SE

SHEET NO.

2

COUNTY

REYNOLDS /DENT

JOB NO.

J9P3843

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)

ASPHALT PAVEMENT

LOG MILE	LOG MILE	LENGTH (FT)	TRAVELWAY WIDTH AVG. (FT)	SHOULDER WIDTH AVG. (FT)	OVERLAY DEPTH (IN)	BP - 2 1.5" PG64 - 22 2.040 TONS/CY (TONS)	TACK COAT 0.08 GAL/SY (GAL)	REMARKS
40.080	40.118	200.64	VAR	VAR	1.5	111.74	105.17	START OF PROJECT [72 & 32 INTERSECTION]
40.118	41.565	7640.16	21.00	4.9	1.5	1868.87	1758.93	ROUTE 72 TRAVELWAY & SHOULDERS [LT & RT]
41.565	41.593	147.84	22.00	-	1.5	30.72	28.91	BRIDGE J0968
41.593	73.840	170264.16	21.00	4.9	1.5	41648.51	39198.59	ROUTE 72 TRAVELWAY & SHOULDERS [LT & RT]
VAR	-	40.00	2.00	-	1.5	123.91	116.62	NON-PAVED PRIVATE & COMMERCIAL ENTRANCES [164 @ AVG L = 40']
VAR	-	40.00	2.00	-	1.5	18.89	17.78	PAVED PRIVATE & COMMERCIAL ENTRANCE [25 @ AVG L = 40']
VAR	-	60.00	20.00	-	1.5	124.67	117.33	PAVED CITY STREETS & COUNTY ROADS [11 @ AVG L = 60']
43.567	43.600	172.80	37.50	-	1.5	61.20	57.60	PAVED STATE ROUTE B (DENT)
53.832	53.861	154.80	37.50	-	1.5	54.83	51.60	PAVED STATE ROUTE PP
55.390	55.421	162.00	37.50	-	1.5	57.38	54.00	PAVED STATE ROUTE UU
56.747	56.788	216.00	37.50	-	1.5	76.50	72.00	PAVED STATE ROUTE A
57.320	57.341	112.80	37.50	-	1.5	39.95	37.60	PAVED STATE ROUTE KK
60.387	60.420	176.40	37.50	-	1.5	62.48	58.80	PAVED STATE ROUTE P
63.328	63.357	151.20	37.50	-	1.5	53.55	50.40	PAVED STATE ROUTE TT
66.174	66.208	180.00	37.50	-	1.5	63.75	60.00	PAVED STATE ROUTE B (REYNOLDS)
VAR	-	60.00	20.00	-	3.0	566.67	266.67	NON-PAVED CITY STREETS & COUNTY ROADS [25 INTERSECTIONS]
40.080	73.840	178252.80	-	-	-	873.20	-	SAFETY EDGE EXISTING [2% OF MAINLINE VOLUME]
40.080	73.840	178252.80	-	-	-	5064.00	-	IRREGULARITIES [150 TONS/MILE]
TOTALS						50900.82	42052.00	
USE						50900.8	42052.0	
NOTES: LOG MILES ARE APPROXIMATE								

SHOULDER RUMBLE STRIPS

LOG MILE	LOG MILE	SHOULDER RUMBLE STRIP (STA)	REMARKS
40.080	73.840	3565.06	RUMBLE MILL, EDGELINE [RT & LT]
VAR	-	-393.60	EXCEPTION NON-PAVED PRIVATE & COMMERCIAL ENTRANCES [164 @ 240' L EACH]
VAR	-	-55.20	EXCEPTION PAVED PRIVATE & COMMERCIAL ENTRANCES [23 @ 240' L EACH]
VAR	-	-25.20	EXCEPTION STATE ROUTES [8 @ 315' L EACH]
VAR	-	-28.60	EXCEPTION PAVED CITY STREETS & COUNTY ROADS [11 @ 260' L EACH]
VAR	-	-62.40	EXCEPTION NON-PAVED CITY STREETS & COUNTY ROADS [24 @ 260' L EACH]
55.469	57.690	-117.27	EXCEPTION BUNKER CITY LIMITS [BELOW 45 MPH SPEED LIMIT]
41.565	41.593	-2.86	EXCEPTION BRIDGE J0968 [RT & LT]
TOTALS		2879.93	
USE		2879.9	
NOTES: LOG MILES ARE APPROXIMATE			

COLDMILLING

LOG MILE	LOG MILE	LENGTH (FT)	WIDTH (FT)	MODIFIED COLDMILLING DEPTH TRANSITIONS (SY)	COLDMILLING 3" OR LESS (SY)	REMARKS
40.080	40.104	124.27	VAR	-	1544.53	START OF PROJECT
40.104	40.118	75.00	VAR	235.05	-	START OF PROJECT
73.826	73.840	75.00	VAR	175.00	-	END OF PROJECT
VAR	-	37.50	21.00	700.00	-	PAVED STATE ROUTES [8 @ 37.5' L EACH]
VAR	-	40.00	2.00	204.44	-	PAVED PRIVATE & COMMERCIAL ENTRANCES [23 @ 40' X 2' EACH]
VAR	-	60.00	20.00	1466.67	-	PAVED CITY & COUNTY ROADS [11 @ 60' X 20' EACH]
VAR	-	75.00	21.00	350.00	-	BRIDGE APPROACHES
41.565	41.593	143.00	22.00	-	349.56	BRIDGE J0968
TOTALS					3131.16	1894.09
USE					3131	1894
NOTES: LOG MILES ARE APPROXIMATE						

SEAL COAT QUANTITIES

LOG MILE	LOG MILE	LENGTH (FT)	WIDTH (FT)	EMULSIFIED ASPHALT 0.35 GAL/SY (GAL)	SEAL COAT GRADE B1 AGG (SY)	REMARKS
41.565	41.593	143.00	22.00	122.34	350.00	BRIDGE J0968
TOTALS				123	350	
USE				123	350	
NOTES: LOG MILES ARE APPROXIMATE						

CONCRETE LOW PROFILE ISLAND

LOG MILE	LOG MILE	CONCRETE MEDIAN STRIP 3" (SY)	TUBULAR MARKER (EA)	REMARKS
40.081	40.081	69.00	3.00	ISLAND W/ STOP SIGN
40.081	40.081	41.79	3.00	ISLAND W/ DO NOT ENTER SIGN
TOTAL		110.79	6.00	
USE		110.8	6	
NOTES: LOG MILES ARE APPROXIMATE				

SUMMARY OF QUANTITIES

SHEET 1 OF 3

STATE OF MISSOURI

JACOB CAPEDEER

NUMBER
PE-2018021161

PROFESSIONAL ENGINEER

Jacob Capeder

JACOB CAPEDEER - CIVIL

MO-PE-2018021161

DATE PREPARED
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ROUTE
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105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)

MoDOT

PAVEMENT MARKING

LOG MILE	LOG MILE	CLASS 1 PAVEMENT MARKING TYPE P 4" WHITE (LF)	CLASS 1 PAVEMENT MARKING TYPE P 4" YELLOW (LF)	24" WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING (LF)	REMARKS
40.080	73.840	356506.00	335078.00	-	ROUTE 72 MAINLINE
56.636	56.636	-	-	30.00	CROSSWALK, MIDBLOCK (1)
56.818	56.818	-	-	30.00	CROSSWALK, MIDBLOCK (1)
40.08	40.091	220.42	-	-	CONCRETE ISLAND STRIPING [ISLAND W/ WRONG WAY SIGN]
40.080	40.093	186.00	-	-	CONCRETE ISLAND STRIPING [ISLAND W/ STOP SIGN]
40.080	40.080	-	-	12.00	STOPBAR
TOTAL		356912.42	335078.00	72.00	
USE		356912	335078	72	
NOTES: SEE STD PLAN 620.00P LOG MILES ARE APPROXIMATE					

REMOVAL OF IMPROVEMENTS

LOG MILE	LOG MILE	EXISTING GUARDRAIL (LF)	EXISTING SIGNING (EA)	REMARKS
41.552	41.602	528.00	-	BRIDGE J0968 [RT & LT]
40.08	40.099	-	3.00	2 STOP SIGNS; 1 YIELD SIGN
41.593	41.593	-	1.00	STONE HILL BRANCH ON BRIDGE J0968
73.647	73.737	950.40	-	STANDALONE GUARDRAIL
1 LUMP SUM				
NOTES: LOG MILES ARE APPROXIMATE				

GUARDRAIL

LOG MILE	LOG MILE	LOCATION	MGS GUARDRAIL 8' POSTS (LF)	MGS BRIDGE TRANSITION SECTION (EA)	TYPE A CRASHWORTHY END (MASH) (EA)	MODIFIED SHAPING SLOPE CLASS III (LF)	REMARKS
41.532	41.565	LT	87.50	1.00	1.00	80.00	NW CORNER OF BRIDGE J0968
41.546	41.565	RT	12.50	1.00	1.00	80.00	SW CORNER OF BRIDGE J0968
41.593	41.612	LT	12.50	1.00	1.00	80.00	NE CORNER OF BRIDGE J0968
41.593	41.626	RT	87.50	1.00	1.00	80.00	SE CORNER OF BRIDGE J0968
73.619	73.737	RT	525.00	-	2.00	160.00	STANDALONE GUARDRAIL
73.619	73.737	LT	525.00	-	2.00	160.00	STANDALONE GUARDRAIL
TOTALS			1250.0	4	8	640	
USE			1250	4	8	640	
NOTES: SEE STD. PLAN 606.50 & 606.81 LOG MILES ARE APPROXIMATE							

GRAVEL A / CRUSHED STONE B OR AGGREGATE EDGE TREATMENT

LOG MILE	LOG MILE	LENGTH (MI)	GRAVEL A OR CRUSHED STONE B (TONS)	PERMANENT AGG EDGE TREATMENT (TONS)	REMARKS
40.080	73.840	33.76	-	6076.80	180 TONS/MILE [LT & RT]
VAR	-	-	164.00	-	NON-PAVED PRIVATE & COMMERCIAL ENTRANCES [164 @ 1 TON/ENTRANCE]
VAR	-	-	48.00	-	NON-PAVED CITY STREETS & COUNTY ROADS [24 @ 2 TONS/INTERSECTION]
73.627	73.737	0.11	77.47		2" AGGREGATE SHOULDER FOR STANDALONE GR [LT & RT]
TOTALS			289.47	6077	
USE			290	6077	
NOTES: LOG MILES ARE APPROXIMATE					

STATE OF MISSOURI

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PROFESSIONAL ENGINEER

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JACOB CAPEDEP - CIVIL

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MoDOT

105 WEST CAPITOL

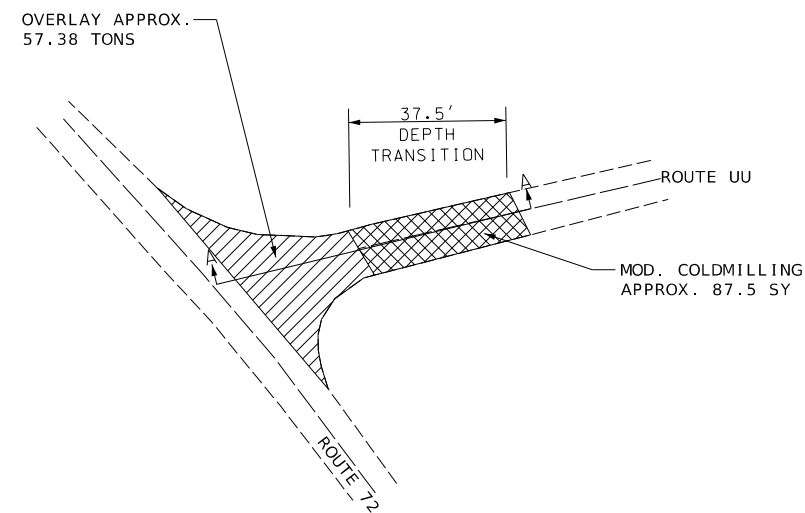
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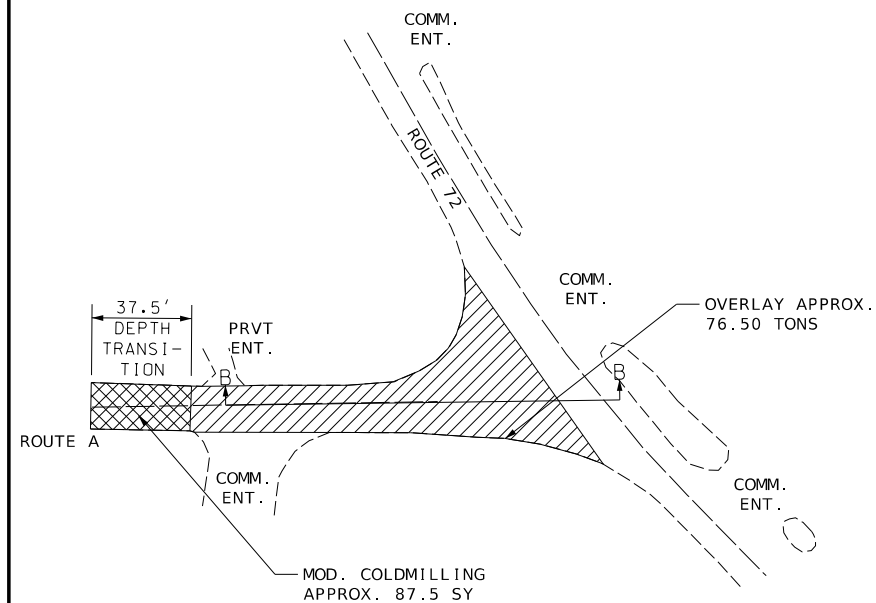
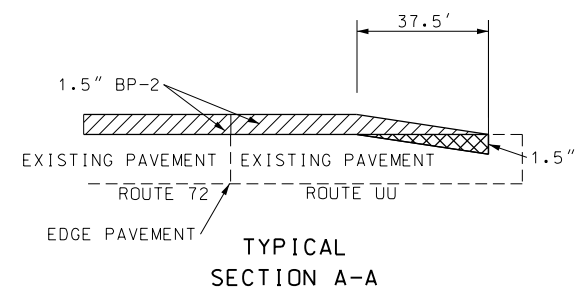
SUMMARY OF QUANTITIES

SHEET 2 OF 3

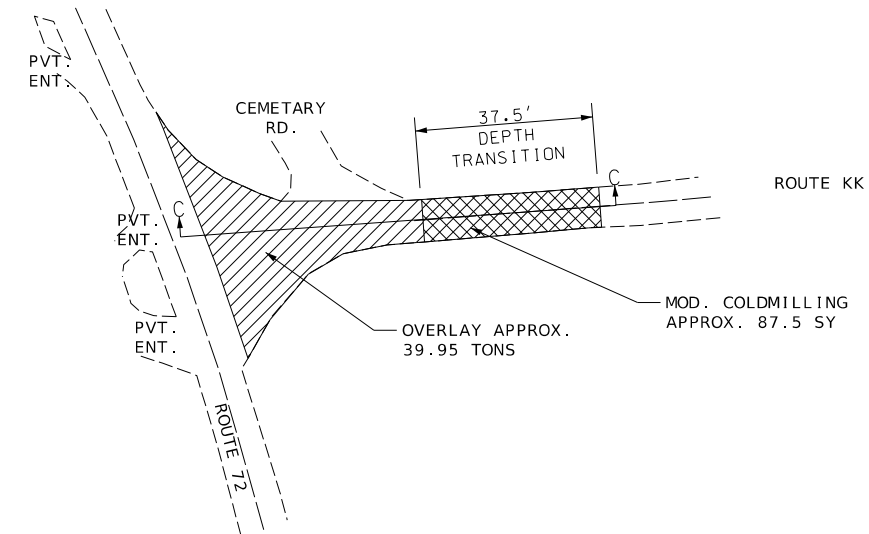
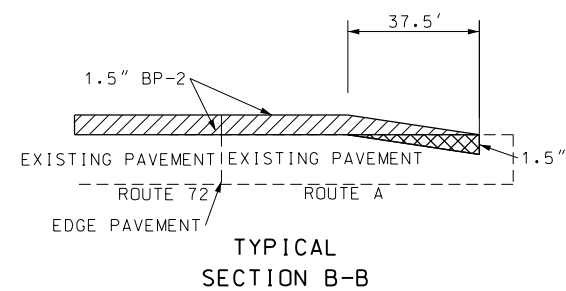
SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION	SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NO.	DESCRIPTION	ITEM NUMBER	TOTAL QTY	DESCRIPTION	
WARNING SIGNS									GUIDE SIGNS											EFFECTIVE: 07-01-2025	
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)	
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122009		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)	
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122010		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)	
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT 34 MILES	6122012		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)	
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00	2	16.00				END ROAD WORK	6122014		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)	
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122017		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)	
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75	2	17.50				PILOT CAR IN USE WAIT & FOLLOW	6122019		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)	
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4a	18X12	1.50	10	15.00				PILOT CAR IN USE WAIT & FOLLOW	6122020		REPLACEMENT SAND BARREL	
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)	6122030		IMPACT ATTENUATOR (RELOCATION)	
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122040		WORK ZONE CRASH CUSHION (NARROW)	
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)	MO4-9L	48X36	12.00						DETOUR (LEFT)	6122041		WORK ZONE CRASH CUSHION (RELOCATION)	
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-9R	48X36	12.00						DETOUR (RIGHT)	6123001		TRUCK MOUNTED ATTENUATOR (TMA)	
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161012		BUOYS (BOATS KEEP OUT)	
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)	MO4-9P	48X12	4.00						STREET NAME (PLAQUE)	6161013		BUOYS (NO WAKE)	
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)	
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	REGULATORY SIGNS									6161020		CHANNELIZER (DRUM-LIKE)	
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-1	48X48	13.25						STOP	6161022		CHANNELIZER (CONE)	
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2	48TRI.	6.93						YIELD	6161025	200	CHANNELIZER (TRIM-LINE)	
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161026		CHANNELIZER (VERTICAL PANEL)	
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161030		TYPE 3 MOVEABLE BARRICADE	
WO3-4	48X48	16.00						BE PREPARED TO STOP	R2-1	36X48	12.00						SPEED LIMIT XX	6161033		DIRECTION INDICATOR BARRICADE	
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161040		FLASHING ARROW PANEL	
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER	
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-3	36X36	9.00						NO TURNS	6161055		SEQUENTIAL FLASHING WARNING LIGHT	
WO4-1aL	48X48	16.00						MERGE (LEFT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161070		TUBULAR MARKER	
WO4-1aR	48X48	16.00						MERGE (RIGHT)	R3-7L	30X30	6.25						LEFT LANE MUST TURN LEFT	6161095		RADAR SPEED ADVISORY SYSTEM	
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS	R3-7R	30X30	6.25						RIGHT LANE MUST TURN RIGHT	6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED	
WO5-3	48X48	16.00						ONE LANE BRIDGE	R4-1	36X48	12.00						DO NOT PASS	6161098A	2	CHANGEABLE MESSAGE SIGN WITHOUT COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO5-5	48X48	16.00	1	16.00				NARROW LANES	R4-2	36X48	12.00						PASS WITH CARE			CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)	R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)	6161099		CHANGEABLE MESSAGE SIGN WITH COMM. INTERFACE, CONTRACTOR FURNISHED/RETAINED	
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)	R4-8a	36X48	12.00						KEEP LEFT (HORIZONTAL ARROW)	6162000A		WORK ZONE TRAFFIC SIGNAL SYSTEM	
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)	R5-1	30X30	6.25						DO NOT ENTER	6162002		TEMPORARY LONG-TERM RUMBLE STRIPS	
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)	R5-1a	36X24	6.00						WRONG WAY	6173600D		TEMPORARY TRAFFIC BARRIER, CONTRACTOR FURNISHED/RETAINED	
WO8-1	48X48	16.00						BUMP	R6-1L	54X18	6.75						ONE WAY ARROW (LEFT)			TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED	
WO8-2	48X48	16.00						DIP	R6-1R	54X18	6.75						ONE WAY ARROW (RIGHT)	6173700B		TEMP. TRAFFIC BARRIER ANCHORED, CONTRACTOR FURNISHED/RETAINED	
WO8-3	48X48	16.00						PAVEMENT ENDS	R6-2L	24X30	5.00						ONE WAY (LEFT)	6173706		TEMP. TRAFFIC BARRIER STIFFNESS TRANSITION CONTRACTOR FURNISHED/RETAINED	
WO8-4	48X48	16.00						SOFT SHOULDER	R6-2R	24X30	5.00						ONE WAY (RIGHT)			TEMP. TRAFFIC BARRIER HEIGHT TRANSITION, CONTRACTOR FURNISHED/RETAINED	
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)	R9-9	24X12	2.00						SIDEWALK CLOSED	6174000A		RELOCATING TEMPORARY TRAFFIC BARRIER	
WO8-6	48X48	16.00						TRUCK CROSSING	R9-11L	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW LEFT) CROSS HERE	6175010A		RELOCATING TEMP. TRAFFIC BARRIER ANCHORED	
WO8-6c	48X48	16.00						TRUCK ENTRANCE	R9-11R	24X18	3.00						SIDEWALK CLOSED AHEAD, (ARROW RIGHT) CROSS HERE	6175013		RELOCATING TEMP. TRAFFIC BARRIER STIFFNESS	
WO8-7	36X36	9.00						LOOSE GRAVEL	R10-6	24X36	6.00						STOP HERE ON RED (45° ARROW)	6175020A		RELOCATING TEMP. TRAFFIC BARRIER HEIGHT	
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL	R11-2	48X30	10.00						ROAD CLOSED	6208064A		TEMPORARY RAISED PAVEMENT MARKER	
WO8-9	48X48	16.00						LOW SHOULDER	R11-3a	60X30	12.50						LOCAL TRAFFIC ONLY	9029400		TEMPORARY TRAFFIC SIGNALS	
WO8-11	48X48	16.00						UNEVEN LANES	R11-4	60X30	12.50						ROAD CLOSED TO THRU TRAFFIC	9029401		TEMPORARY TRAFFIC SIGNALS AND LIGHTING	
WO8-12	48X48	16.00						NO CENTER LINE	CONST-3A	60X48	20.00						FINE SIGN				
WO8-15	48X48	16.00						GROOVED PAVEMENT	CONST-3X	56X12	4.67						SPEEDING/PASSING (PLATE)				
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)	MISCELLANEOUS SIGNS												
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)	CONST-5	48X36	12.00						POINT OF PRESENCE				
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)	CONST-5	96X48	32.00						POINT OF PRESENCE				
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)	CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE				
W10-1	42RND.	9.62						RAILROAD CROSSING													
WO12-1	24X24	4.00						DOUBLE DOWN ARROW (SYMBOL)													
WO12-2	48X48	16.00						LOW CLEARANCE (SYMBOL)													
WO12-2x	24X18	3.00						LOW CLEARANCE (PLAQUE)													
WO12-2a	84X24	14.00						OVERHEAD LOW CLEARANCE (FEET AND INCHES)													
WO12-4	120X60	50.00						LOW CLEARANCE XX FT XX IN XX MILES AHEAD													
WO12-5	120X60	50.00						WIDTH RESTRICTION XX FT XX IN XX MILES AHEAD													
WO13-1	30X30	6.25						ADVISORY SPEED (PLAQUE)													
WO16-2	30X24	5.00						XXX FEET (PLAQUE)													
WO16-3	30X24	5.00						X MILE (PLAQUE)													
WO20-1	48X48	16.00	16	256.00				ROAD/BRIDGE/RAMP WORK AHEAD	616-10.05	CONSTRUCTION SIGNS				TOTAL							
WO20-2	48X48	16.00						DETOUR AHEAD	616-10.10	RELOCATED SIGNS				TOTAL							
WO20-3	48X48	16.00						ROAD CLOSED AHEAD													
WO20-4	48X48	16.00	6	96.00				ONE LANE ROAD AHEAD													
WO20-5	48X48	16.0																			



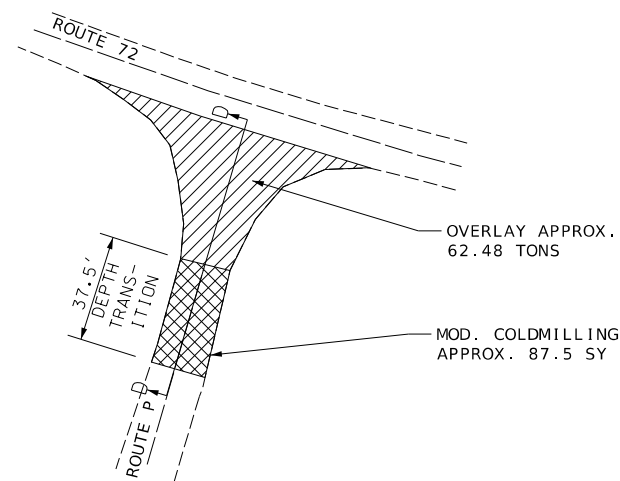
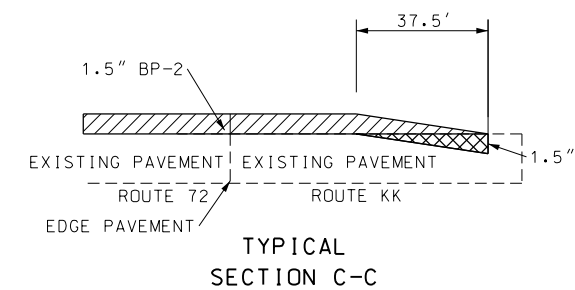
PLAN VIEW AT ROUTE UU AND ROUTE 72



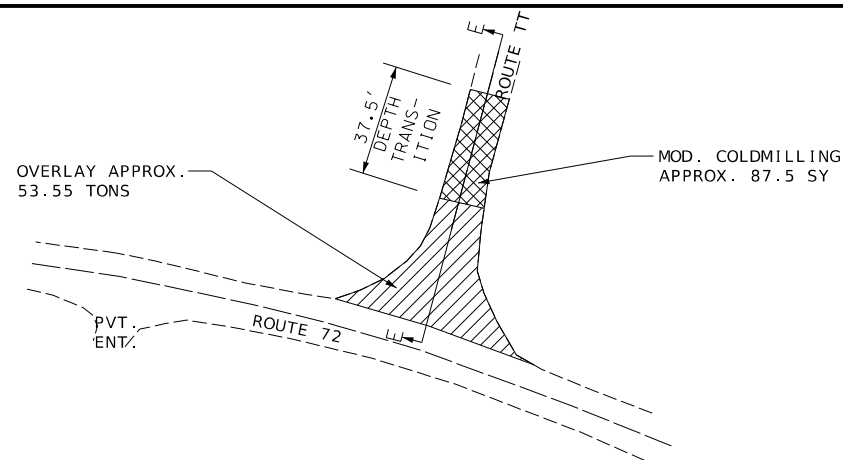
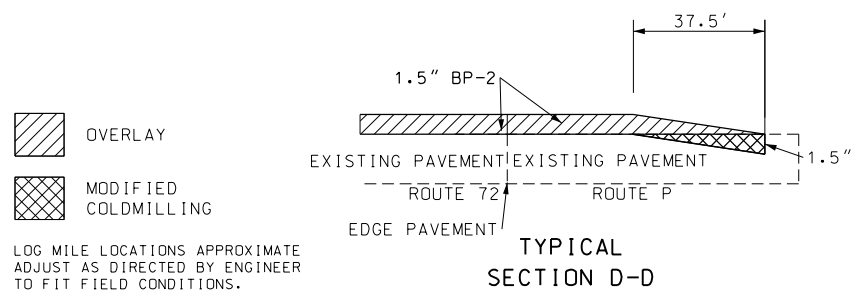
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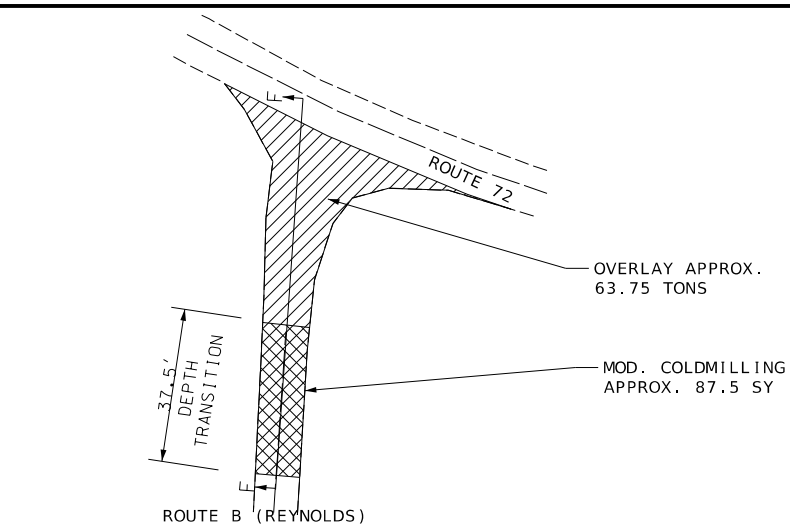
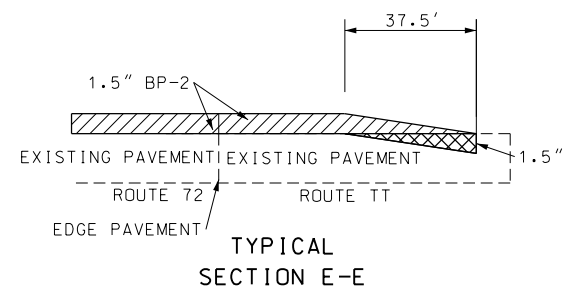
PLAN VIEW AT ROUTE KK AND ROUTE 72



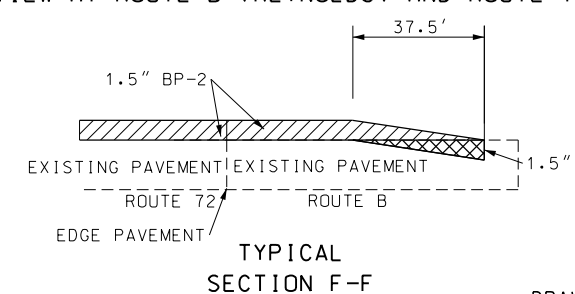
PLAN VIEW AT ROUTE P AND ROUTE 72



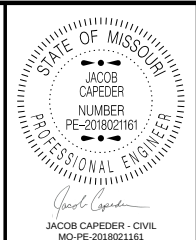
PLAN VIEW AT ROUTE TT AND ROUTE 72



PLAN VIEW AT ROUTE B (REYNOLDS) AND ROUTE 72



SPECIAL SHEET
SHEET 2 OF 6
DRAWING NOT TO SCALE



DATE PREPARED

7/15/2026

ROUTE	STATE
-------	-------

72	MO
----	----

DISTRICT	SHEET NO.
65	5

SE	5
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COUNTY
REYNOLDS / DENT

REYNOLDS / DENT
JOB NO.

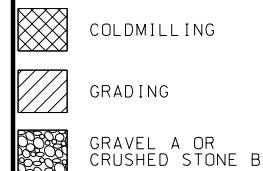
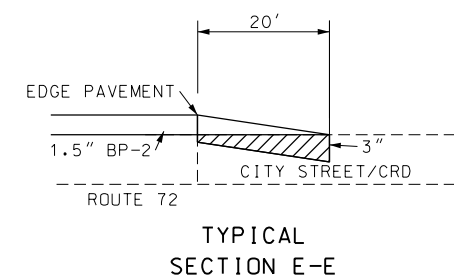
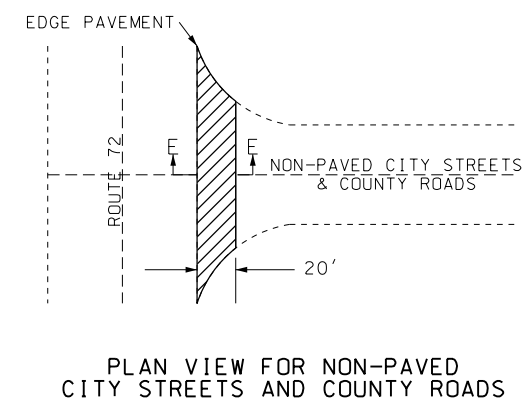
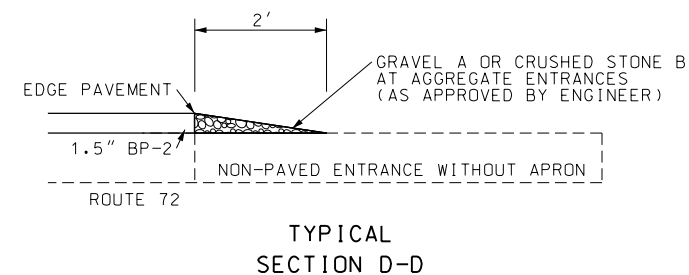
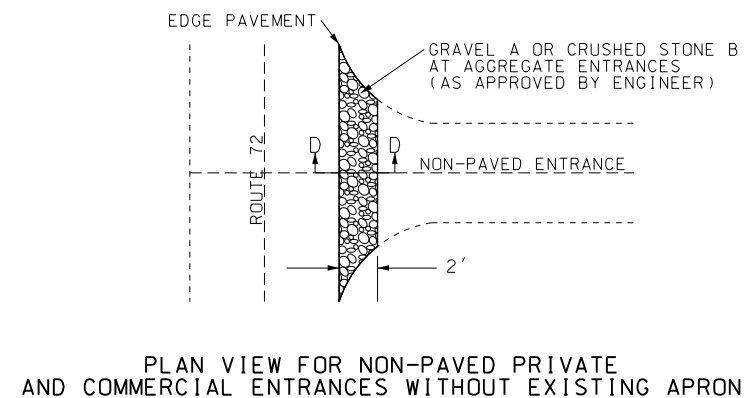
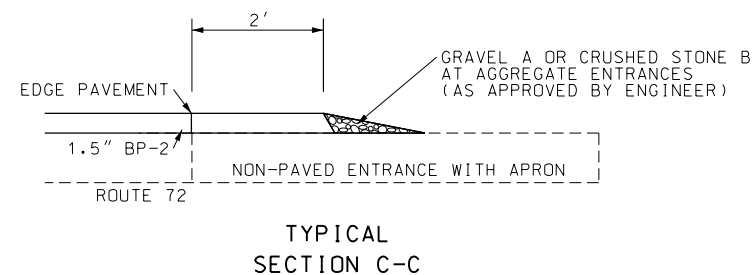
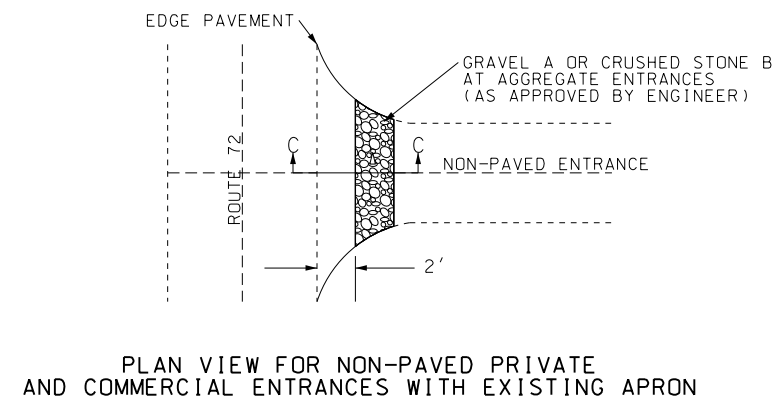
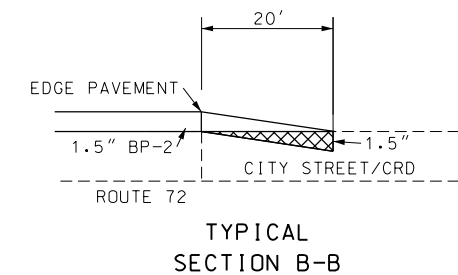
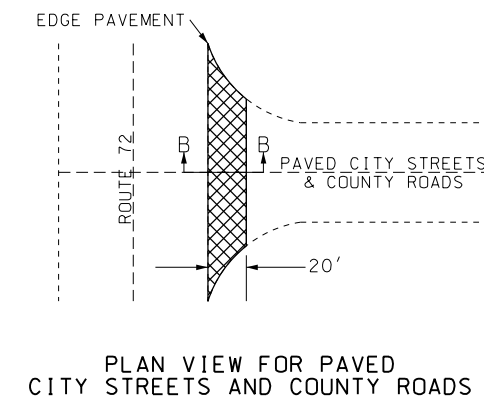
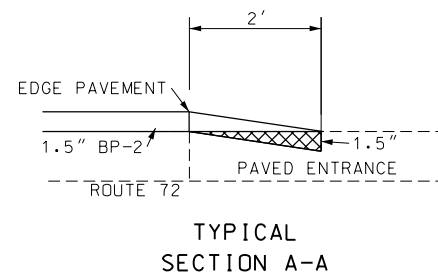
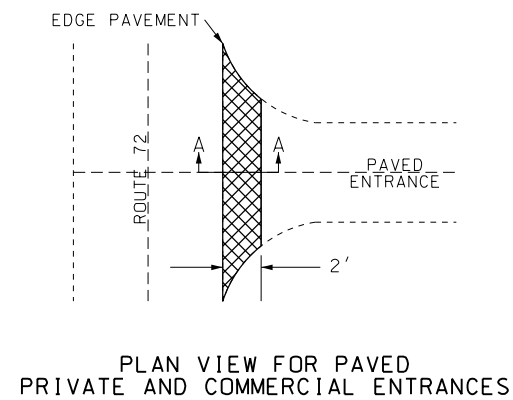
JOB NO.
19P3843

CONTRACT ID:

CONTRACT ID.

PROJECT NO.





NOTES

ALL GRADING NECESSARY FOR THE PROPER
CONSTRUCTION OF HOT MIX AND AGGREGATE
APRONS SHALL BE CONSIDERED INCIDENTAL
WORK AND AT NO DIRECT PAY.

THE WIDTH OF ALL HOT MIX AND AGGREGATE APRONS MAY BE ADJUSTED BY THE ENGINEER AS NECESSARY TO OBTAIN SUITABLE TRANSITIONS.

STATE OF MISSOURI
JACOB
CAPEDER
NUMBER
PE-2018021161
PROFESSIONAL ENGINEER

Jacob Capeder
JACOB CAPEDER - CIVIL
PE-2018021161

DATE PREPARED
7/15/2026

ROUTE 72	STATE MO
-------------	-------------

DISTRICT	SHEET NO.
SE	6

COUNTY
REYNOLDS / DENT

JOB NO.
J9P3843

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

**MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION**

 **MoDOT**

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

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

SPECIAL SHEET
SHEET 3 OF 6
DRAWING NOT TO SCALE

Sign Spacing, Device Spacing
and Channelizing Taper Lengths

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

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

NOTES:

DIMENSIONS IN FEET UNLESS OTHERWISE NOTED.

(1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OR SIGNED CONDITION

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

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

TAPER LENGTH (L):

L = WS FOR 40 MPH OR MORE

L = $\frac{WS^2}{60}$ FOR 35 MPH OR LESS

FOR SHOULDER TAPER USE L/3

WHERE:

L = TAPER LENGTH IN FEET

W = LATERAL SHIFT IN FEET

S = POSTED SPEED IN MPH

TRAFFIC CONTROL DEVICES

GENERAL NOTES:

- SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
- EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
- NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
- CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
- LOCATE FLASHING ARROW PANEL AT BEGINNING OF TAPER WHEN FEASIBLE, ARROW PANELS ARE ALWAYS LOCATED BEHIND CHANNELIZERS OR CONES.

TRAFFIC CONTROL LEGEND

• SIGN (SINGLE SIDED)

• SIGN (DOUBLE SIDED)

◁ FLAGGER

▲ DIRECTION INDICATOR BARRICADE

■ CHANNELIZER

E BARRICADE

CHANGEABLE MESSAGE BOARD

FLASHING ARROW PANEL

TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL



DATE PREPARED 7/15/2026	
ROUTE 72	STATE MO
DISTRICT SE	SHEET NO. 10
COUNTY REYNOLDS/DENT	
JOB NO. J9P3843	
CONTRACT ID.	

PROJECT NO.
BRIDGE NO.

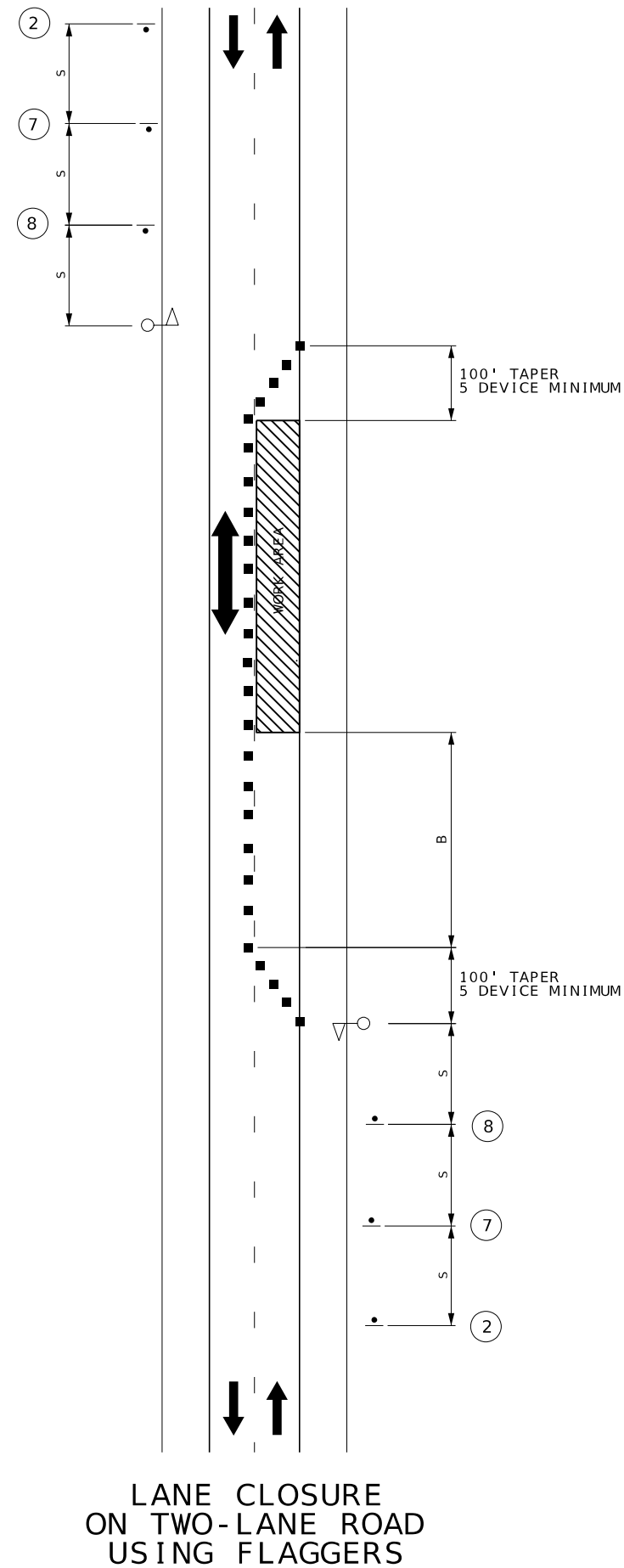
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

NOT TO SCALE



TEMPORARY TRAFFIC CONTROL
SHEET 2 OF 9

[illegible]

NOT TO SCALE

NOTES :

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

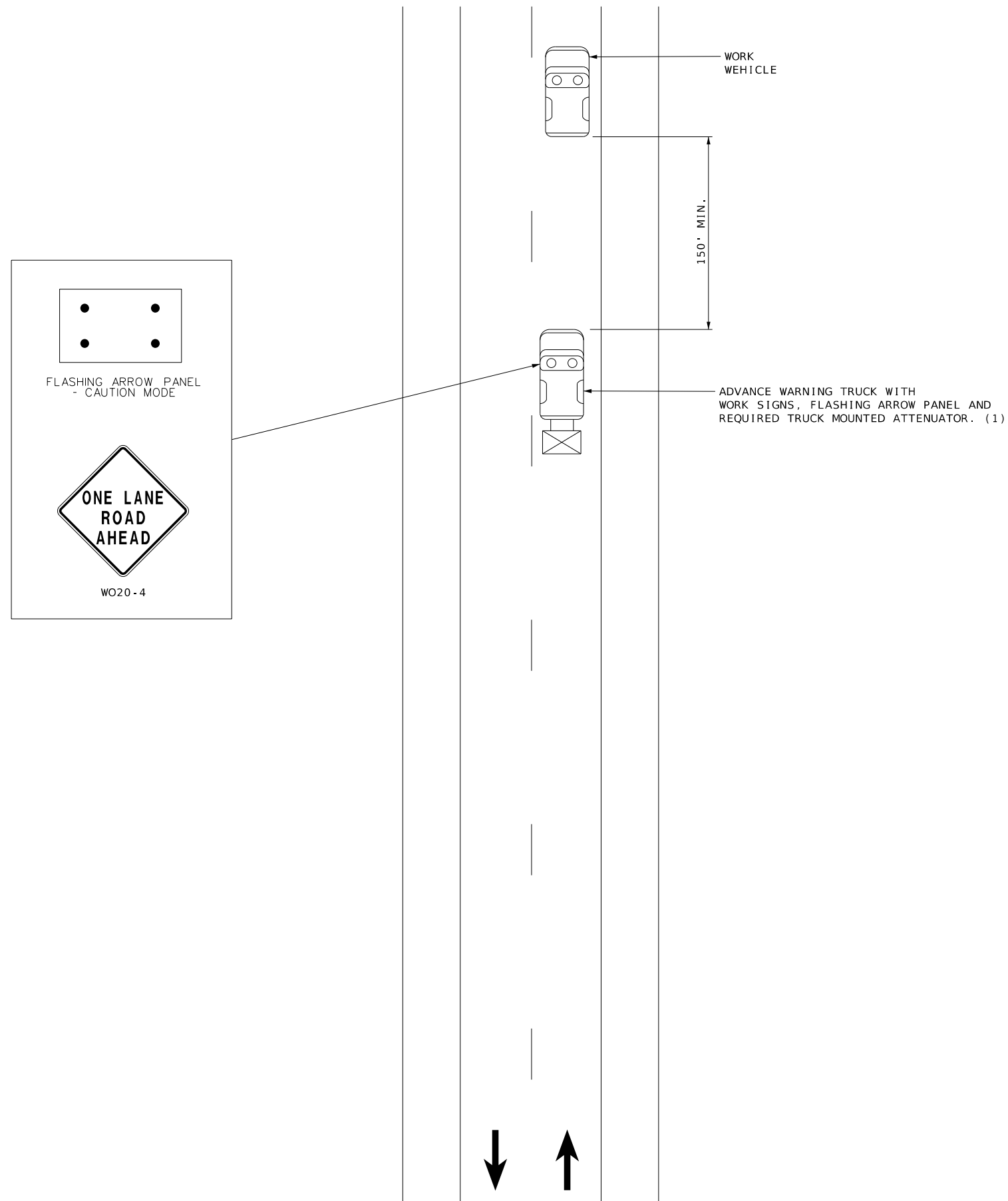
PROTECTIVE TRUCKS AND WORK VEHICLES SHALL DISPLAY HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING, OR STROBE LIGHTS.

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

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

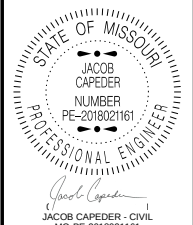
FLASHING ARROW PANELS SHALL BE INCIDENTAL TO TRUCK MOUNTED
ATTENUATORS, WHEREVER USED. NO ADDITIONAL PAYMENT WILL BE MADE.

(1) ADVANCE WARNING TRUCK IS POSITIONED AT VERTICAL OR HORIZONTAL CURVES THAT RESTRICT SIGHT DISTANCE OR SPACING SHOWN, WHICHEVER IS GREATER.



MOBILE ON TWO-LANE HIGHWAY

TEMPORARY TRAFFIC CONTROL
SHEET 4 OF 9



DATE PREPARED

7/15/2026

ROUTE	STATE
72	MO

DISTRICT	SHEET NO.
SE	13

COUNTY

REYNOLDS / DENT

JOB NO.

J9P3843

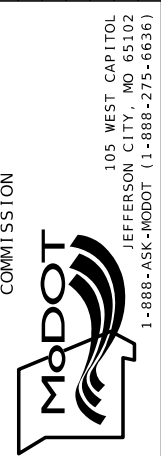
CONTRACT ID.

PROJECT NO.

BRIDGE NO.

[illegible]

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



NOT TO SCALE

NOTES:

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

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

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

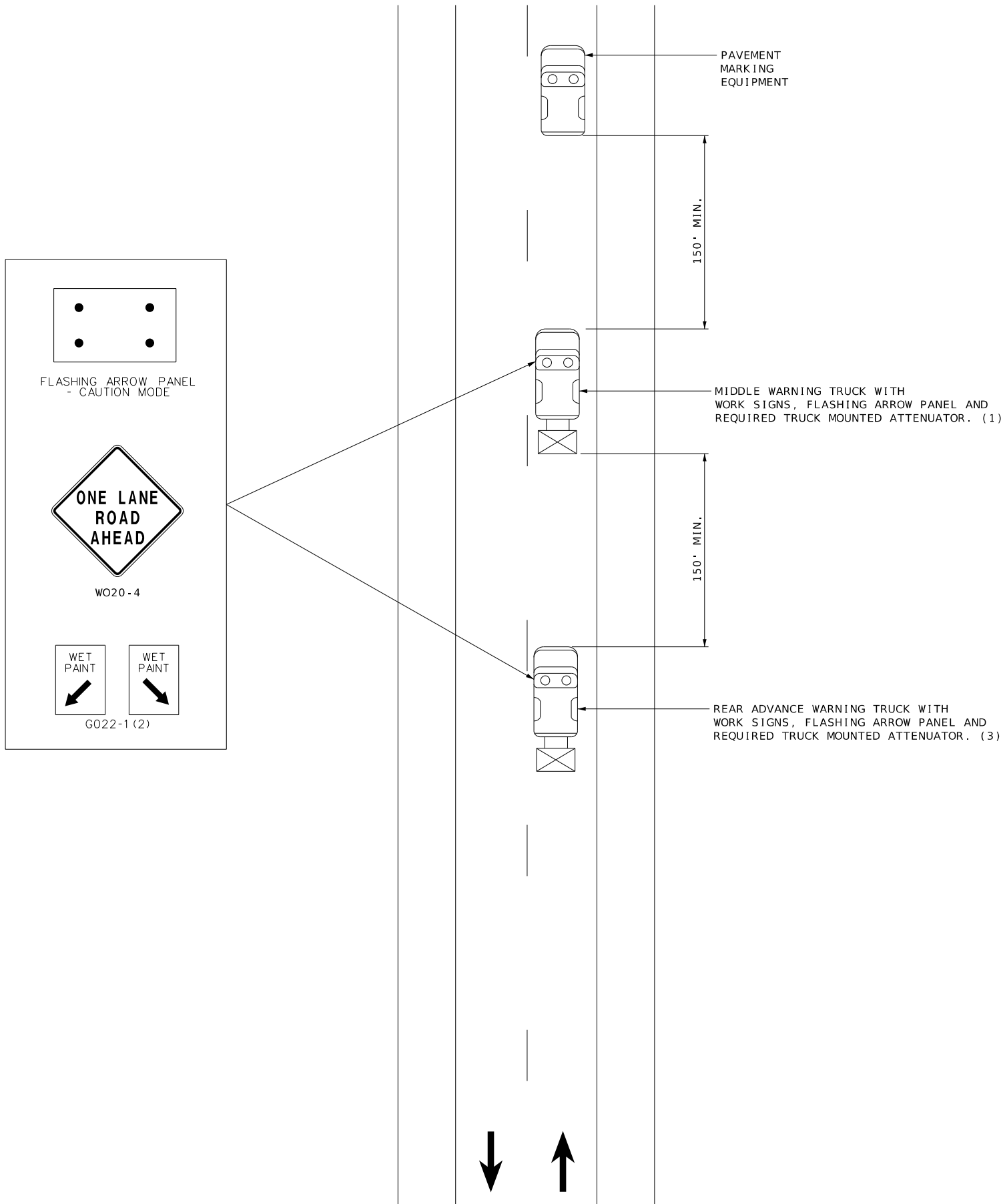
VEHICLE-MOUNTED SIGNS SHALL BE MOUNTED IN A MANNER SUCH THAT THEY ARE NOT OBSCURED BY EQUIPMENT OR SUPPLIES. SIGN LEGENDS ON VEHICLE-MOUNTED SIGNS SHALL BE COVERED OR TURNED FROM VIEW WHEN WORK IS NOT IN PROGRESS.

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

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

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

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



STRIPING ON TWO-LANE HIGHWAY

STATE OF MISSOURI

JACOB CAPEDEER

NUMBER

PE-2018021161

PROFESSIONAL ENGINEER

Jacob Capedeer

JACOB CAPEDEER - CIVIL

MO-PE-2018021161

DATE PREPARED

7/15/2026

ROUTE

72

STATE

MO

DISTRICT

SE

SHEET NO.

14

COUNTY

REYNOLDS/DENT

JOB NO.

J9P3843

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

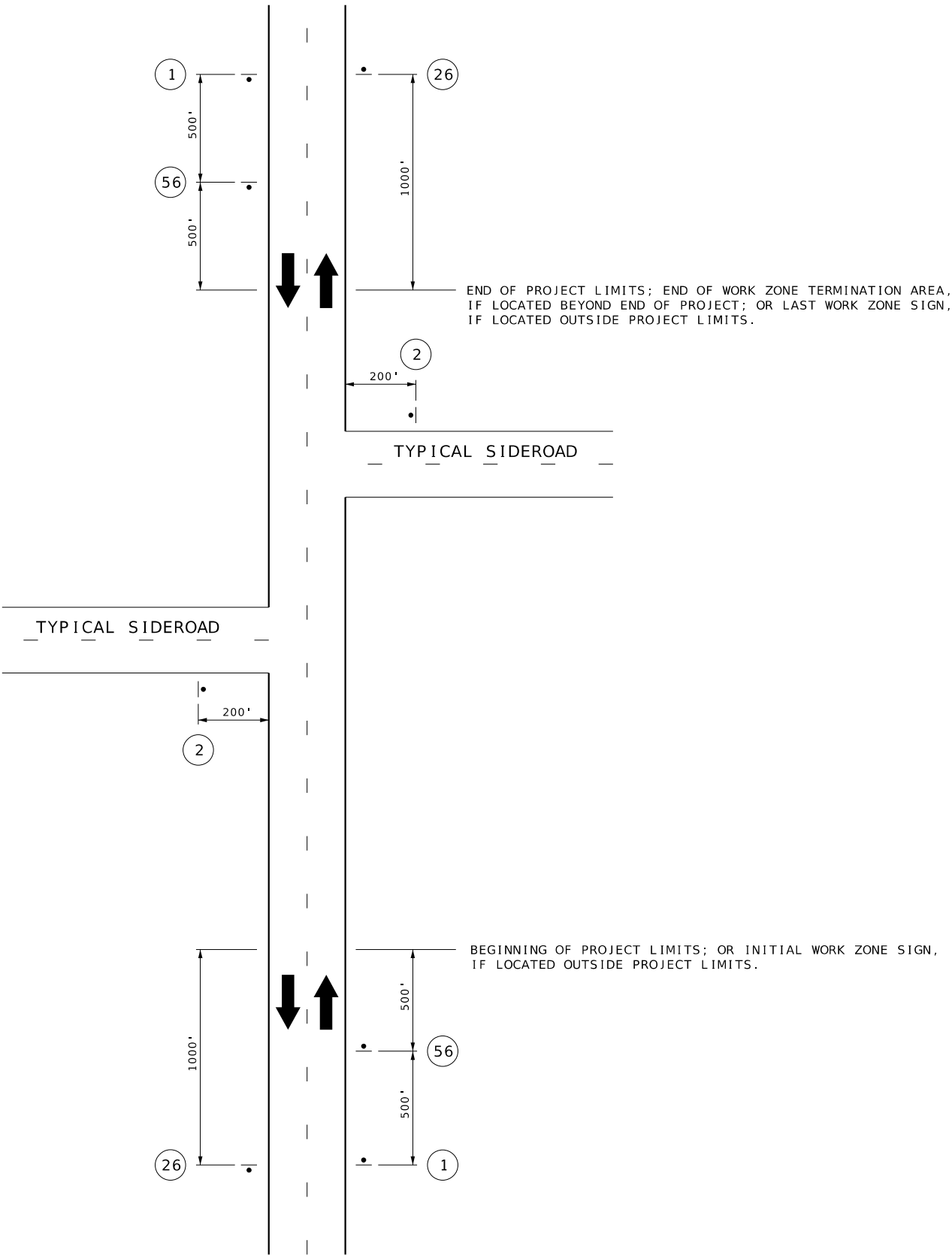
MoDOT

105 WEST CAPITOL

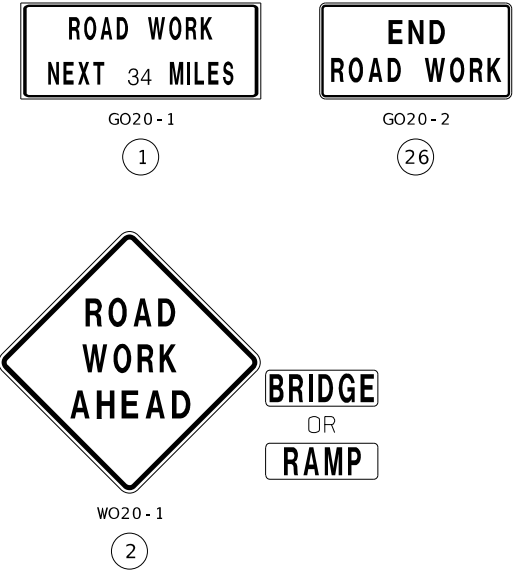
JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)

005_TC_05_J9P3843_11.dgn 11:00:54 AM 7/15/2026



BEGIN/END OF PROJECT SIGNING
UNDIVIDED HIGHWAY



NOT TO SCALE

STATE OF MISSOURI

JACOB CAPEDE

NUMBER

PE-2018021161

PROFESSIONAL ENGINEER

Jacob Capede

JACOB CAPEDE - CIVIL

MO-PE-2018021161

DATE PREPARED

7/15/2026

ROUTE

72

STATE

MO

DISTRICT

SE

SHEET NO.

15

COUNTY

REYNOLDS/DENT

JOB NO.

J9P3843

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

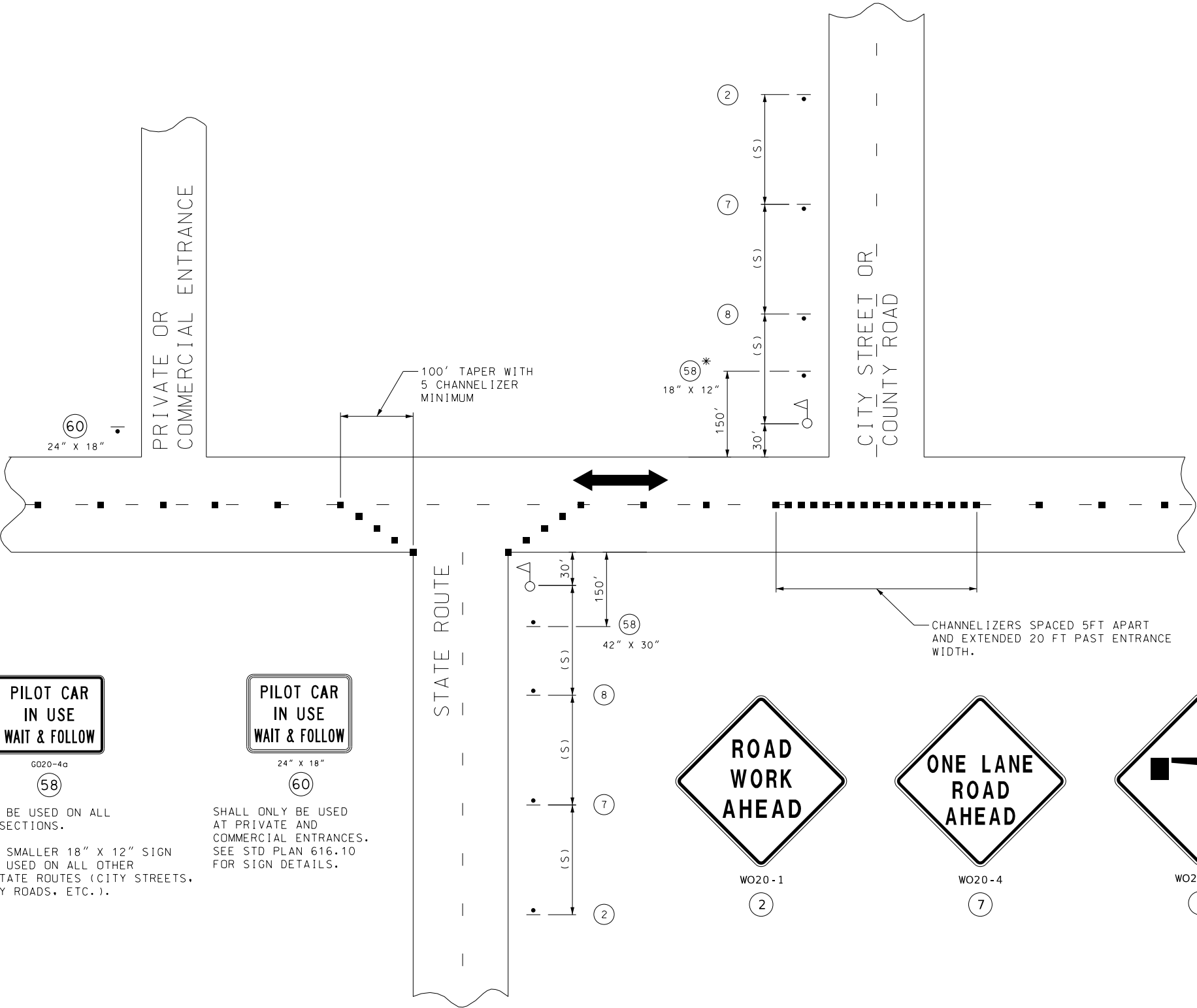
105 WEST CAPITOL

JEFFERSON CITY, MO 65102

1-888-ASK-MODOT (1-888-273-6636)

MoDOT

NOT TO SCALE



NOTES:
WARNING SIGNS SHALL BE ERECTED AT EACH INTERSECTION WITH ANOTHER STATE HIGHWAY WITHIN THE WORK ZONE.

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



DATE PREPARED 7/15/2026	
ROUTE 72	STATE MO
DISTRICT SE	SHEET NO. 16
COUNTY REYNOLDS/DENT	
JOB NO. J9P3843	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

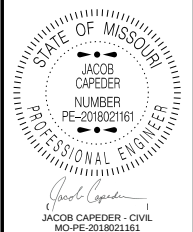
DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIDE ROADS ENTERING WORK ZONES

TEMPORARY TRAFFIC CONTROL
SHEET 7 OF 9

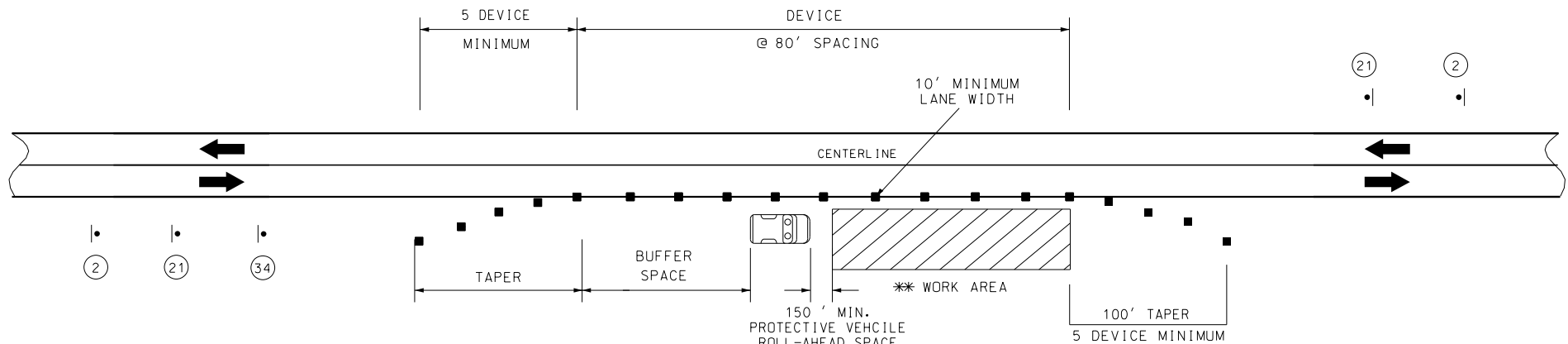
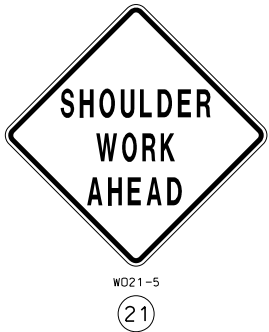


DATE PREPARED 7/15/2026	
ROUTE 72	STATE MO
DISTRICT SE	SHEET NO. 17
COUNTY REYNOLDS/DENT	
JOB NO. J9P3843	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION									
DATE									

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



TRAFFIC CONTROL LEGEND

- FLAGGER
- CHANNELIZER
- SIGN

WORK ZONE FOR
SHOULDER WORK WITH MINOR
ENCROACHMENT ON DIVIDED
AND UNDIVIDED HIGHWAYS

SPEED	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	(SA)-1000 (SB)-1500 (SC)-2640

PERMANENT POSTED SPEED LIMIT (MPH)	BUFFER SPACE LENGTH (FT)	TAPER LENGTH SHOULDER (FT)	CHANNELIZER SPACING (FT)	
			TAPERS	BUFFER/WORK AREAS
0 - 35	280	70	35	40
40 - 45	400	150	40	80
50 - 55	560	185	50	80
60 - 70	840	235	60	120

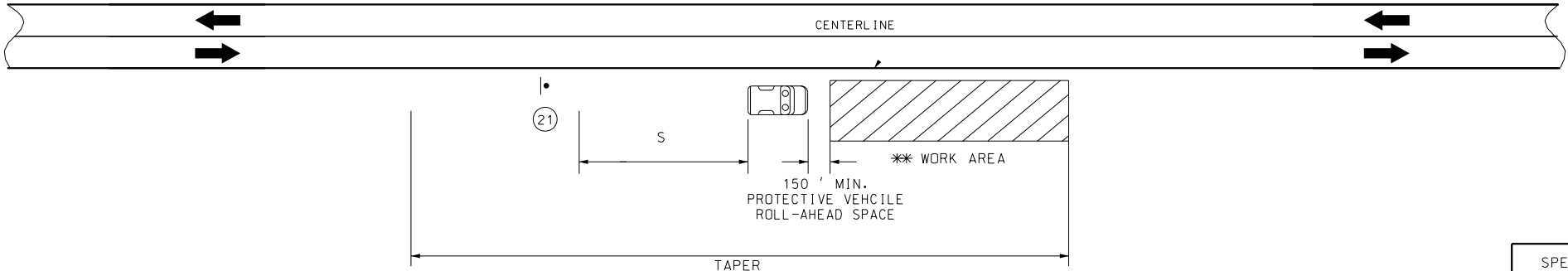
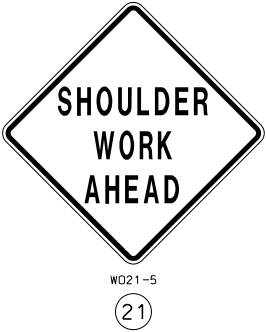
- NOTES:
- (1) SPACING BETWEEN SIGNS, BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER OR SIGNED CONDITION.
- SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

NOTES:

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

NO PAYMENT WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.



TRAFFIC CONTROL LEGEND

• SIGN

WORK ZONE FOR
STATIONARY WORK WITH WORK
BEYOND THE SHOULDER

SPEED	SIGN SPACING (FT.)	
	NON-DIVIDED HIGHWAYS (S)	DIVIDED HIGHWAYS (S)
0-35	200	200
40-45	350	500
50-55	500	1000
60-70	1000	1000

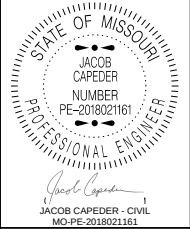
TYPE OF ROADWAY	SIGN HEIGHT (MINIMUM)	MAXIMUM WORK ZONE LENGTH (L)
URBAN	1' PORTABLE 7' POST	1 MI.
RURAL MULTI-LANE ROADWAY	1' PORTABLE 7' POST	2 MI.
RURAL TWO-LANE TWO-WAY ROADWAY	1' PORTABLE 5' POST	3 MI.
VEHICLE	48 INCHES RECOMMENDED	-

NOTES:

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

NO PAYMENT WILL BE MADE FOR RELOCATION OF CONSTRUCTION SIGNS.

DRAWING NOT TO SCALE. FOLLOW DIMENSIONS.



DATE PREPARED 7/15/2026	
ROUTE 72	STATE MO
DISTRICT SE	SHEET NO. 18
COUNTY REYNOLDS/DENT	
JOB NO. J9P3843	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

[illegible]

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

