

A.A.D.T. - 2027 = 20,199
A.A.D.T. - 2047 = 26,748
D.H.V. = 10.16%
T = 12.17%
V = 70 M.P.H.
D = 50.6%

FUNCTIONAL CLASSIFICATION-FREEWAY

EXIST. CONTROLLED ACCESS

EXIST. NO RIGHT OF ACCESS

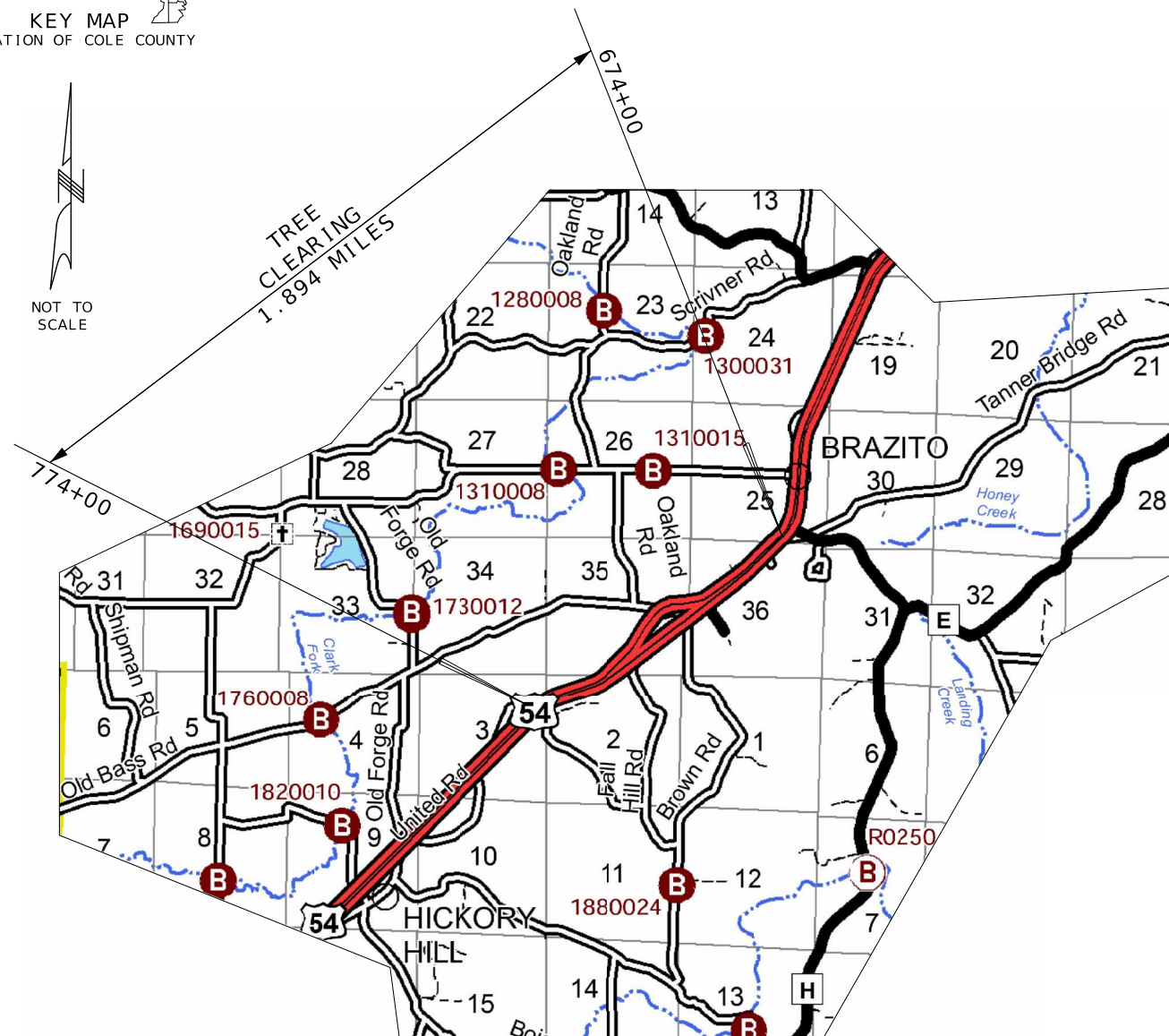
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
CONSTRUCTION PLANS FOR PROPOSED
STATE HIGHWAY
COLE COUNTY



KEY MAP
LOCATION OF COLE COUNTY



NOT TO
SCALE



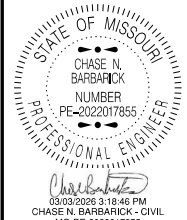
	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	— FO —	— FO —
OVERHEAD CABLE TV	— OTV —	— OTV —
UNDERGROUND CABLE TV	— UTV —	— UTV —
OVERHEAD TELEPHONE	— OT —	— OT —
UNDERGROUND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

NOTE: DASHED OR OPEN SYMBOLS INDICATE
EXISTING FEATURES

THE EXISTENCE AND APPROXIMATE LOCATION OF UTILITY FACILITIES KNOWN TO EXIST, AS SHOWN ON THE PLANS, ARE BASED ON THE BEST INFORMATION AVAILABLE TO THE COMMISSION AT THIS TIME. THIS INFORMATION IS PROVIDED BY THE COMMISSION "AS-IS" AND THE COMMISSION EXPRESSLY DISCLAIMS ANY REPRESENTATION OR WARRANTY AS TO THE COMPLETENESS, ACCURACY, OR SUITABILITY OF THE INFORMATION FOR ANY USE. RELIANCE UPON THIS INFORMATION IS DONE AT THE RISK AND PERIL OF THE USER, AND THE COMMISSION SHALL NOT BE LIABLE FOR ANY DAMAGES THAT MAY ARISE FROM ANY ERROR IN THE INFORMATION. IT IS, THEREFORE, THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE, LOCATION AND STATUS OF ANY FACILITY. SUCH VERIFICATION INCLUDES DIRECT CONTACT WITH THE LISTED UTILITIES.

DESCRIPTION

TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEET)	2
QUANTITIES (QU) (3 SHEETS)	3
PLAN-PROFILE (PP)	4
RIGHT OF WAY (RW)	5
COORDINATE POINTS (CP)	6
TRAFFIC CONTROL SHEETS (TC)	7-8
EROSION CONTROL SHEETS (EC)	9-10



DATE PREPARED

8/5/2025

ROUTE	STATE
54	MO

DISTRICT	SHEET NO.
CD	1

COUNTY
COLE

JOB NO.
JCD0219B

CONTRACT ID.	X
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PROJECT NO.
X

	X
	BRIDGE NO.
	X

[illegible]MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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

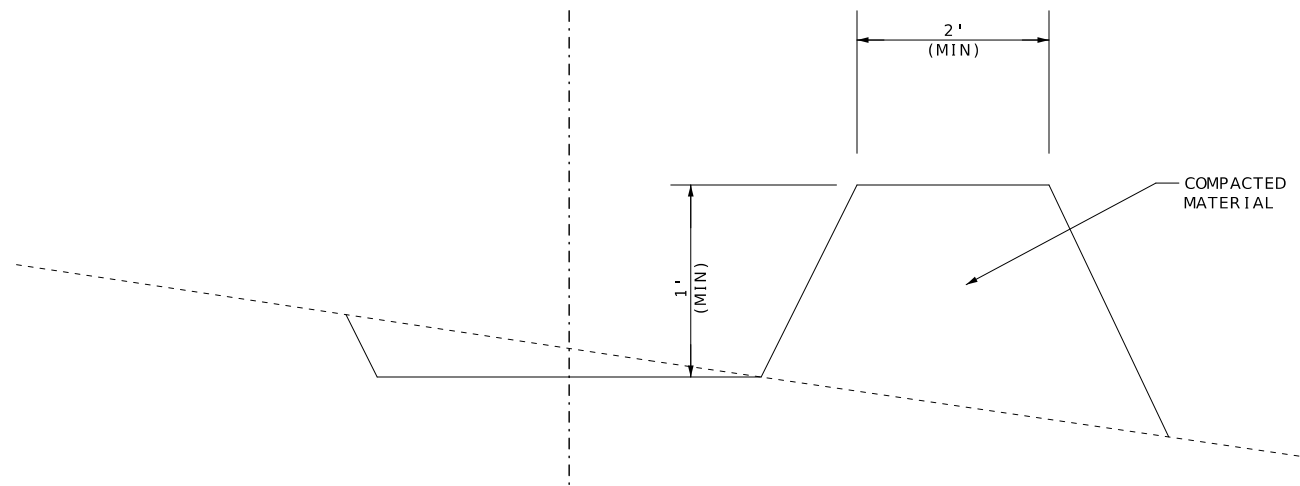
BEGINNING OF PROJECT	STA. 674 + 00.00
END OF PROJECT	STA. 774 + 00.00

APPARENT LENGTH	10,000.00 FEET
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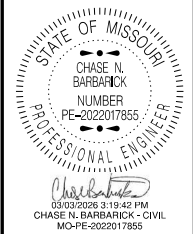
EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS	0.00	FEET
NET LENGTH OF PROJECT	10,000.00	FEET
STATE LENGTH	1.894	MILES

FOR INFORMATION ONLY	
ESTIMATED DISTURBED ACRES	= 18.0 ACRES



4' TEMPORARY INTERCEPTION DITCH
W/ TYPE B BERM
STA 722+50 ON RIGHT



DATE PREPARED 7/31/2025	
ROUTE 54	STATE MO
DISTRICT CD	SHEET NO. 2
COUNTY COLE	
JOB NO. JCD0219B	
CONTRACT ID. X	
PROJECT NO. X	
BRIDGE NO. X	

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 1 OF 1

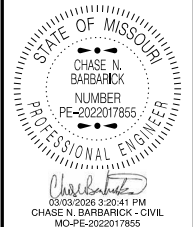
ROCK DITCH CHECK										
STATION		ALIGNMENT	LOCATION	DITCH			SPACING (ft)	QUANTITY		COMMENT
FROM	TO			SLOPE (ft/ft)	WIDTH (ft)	DEPTH (ft)		D.C. (lf)	SED. REM. (cy)	
675+50.00	676+70.00	US 54 MED CL.	ON Rt.	0.075	2	2	20	192	108.0	LOCATED RIGHT OF WESTBOUND LANES
690+25.00		US 54 MED CL.	ON Rt.	0.015	4	2	100	18	10.1	LOCATED RIGHT OF WESTBOUND LANES
706+20.00		US 54 MED CL.	IN MED	0.02	38	2	75	62	34.9	
712+90.00		US 54 MED CL.	IN MED	0.06	0	2	25	14	7.9	
722+50.00		US 54 MED CL.	IN MED	0.015	0	2	100	14	7.9	
722+50.00	722+75.00	US 54 MED CL.	IN MED	0.08	4	2	19	24	13.5	LOCATED IN INTERCEPTION DITCH
723+70.00	723+85.00	US 54 MED CL.	IN MED	0.1	4	2	15	60	33.8	LOCATED ALONG INLET DITCH TO 24" PIPE
726+15.00		US 54 MED CL.	IN MED	0.035	0	2	43	14	7.9	
728+50.00	730+10.00	US 54 MED CL.	IN MED	0.085	0	2	18	284	159.8	
729+75.00	730+10.00	US 54 MED CL.	IN MED	0.035	2	2	43	21	11.8	PLACE ALONG FLOW PATH
730+70.00		US 54 MED CL.	IN MED	0.01	4	2	150	20	11.3	
731+50.00		US 54 MED CL.	IN MED	0.085	2	2	18	100	56.3	PLACE ALONG FLOW PATH
732+25.00	733+75.00	US 54 MED CL.	IN MED	0.035	0	2	43	56	31.5	
732+70.00	733+10.00	US 54 MED CL.	IN MED	0.07	0	2	21	81	45.6	PLACE ALONG FLOW PATH
734+40.00	734+85.00	US 54 MED CL.	IN MED	0.06	0	2	25	68	38.3	PLACE ALONG FLOW PATH
734+50.00	735+85.00	US 54 MED CL.	IN MED	0.095	0	2	16	270	151.9	
737+10.00	737+40.00	US 54 MED CL.	IN MED	0.09	2	2	17	48	27.0	PLACE ALONG FLOW PATH
745+70.00	746+60.00	US 54 MED CL.	IN MED	0.095	0	2	16	180	101.3	
747+30.00	748+30.00	US 54 MED CL.	IN MED	0.1	0	2	15	213	119.8	
746+60.00		US 54 MED CL.	IN MED	0.035	2	2	43	28	15.8	PLACE ALONG FLOW PATH
746+80.00		US 54 MED CL.	IN MED	0.095	2	2	16	62	34.9	PLACE ALONG FLOW PATH
748+75.00		US 54 MED CL.	IN MED	0.04	2	2	38	34	19.1	PLACE ALONG FLOW PATH
749+40.00		US 54 MED CL.	IN MED	0.01	4	2	150	20	11.3	PLACE ALONG FALL HILL CONNECTOR
749+65.00		US 54 MED CL.	IN MED	0.065	4	2	23	20	11.3	
754+90.00		US 54 MED CL.	IN MED	0.06	2	2	25	72	40.5	PLACE ALONG FLOW PATH
755+20.00	757+00.00	US 54 MED CL.	IN MED	0.06	0	2	25	101	56.8	
757+00.00	758+40.00	US 54 MED CL.	IN MED	0.05	0	2	30	65	36.6	
758+80.00		US 54 MED CL.	IN MED	0.08	2	2	19	40	22.5	PLACE ALONG FLOW PATH
758+90.00	761+15.00	US 54 MED CL.	IN MED	0.07	0	2	21	150	84.4	
761+15.00	762+65.00	US 54 MED CL.	IN MED	0.02	0	2	75	28	15.8	
762+65.00	764+75.00	US 54 MED CL.	IN MED	0.05	0	2	30	98	55.1	
							TOTAL	2457.00	1382.70	
							USE	2457.0	1383.0	

SILT FENCE								
STATION		ALIGNMENT	LOCATION	SILT FENCE			SED. REM. (cy)	COMMENT
FROM	TO			MAIN (lf)	J-HOOK (lf)	J-HOOK SP. (lf)		
677+00.00	684+95.00	US 54 MED CL.	ON Rt.	800			4.27	PLACE ALONG EXIST. FENCE
677+70.00	679+30.00	US 54 MED CL.	ON Rt.		251	20	1.34	RUN J-HOOKS OFF MAIN S.F. TO CATCH SED. FLOWING PARALLEL
682+25.00	684+95.00	US 54 MED CL.	ON Rt.		220	25	1.17	RUN J-HOOKS OFF MAIN S.F. TO CATCH SED. FLOWING PARALLEL
704+40.00	706+10.00	US 54 MED CL.	ON Rt.	136			0.73	PLACE ALONG R/W ON EITHER SIDE OF SED. TRAP
713+60.00	720+75.00	US 54 MED CL.	IN MED	725			3.87	PLACE ALONG EDGE OF CLEARING
717+55.00	720+20.00	US 54 MED CL.	IN MED	318			1.70	PLACE MIDSLOPE AT APPROX. CONSTANT ELEVATION
724+00.00		US 54 MED CL.	IN MED	68			0.36	PLACE ABOVE PIPE INLET
724+00.00	16+50.00	54-OLD BASS	IN MED	282			1.50	PLACE AT MIDSLOPE AT APPROX. CONSTANT ELEVATION
724+60.00	16+50.00	54-OLD BASS	IN MED	350			1.87	PLACE FROM US 54 ONTO OLD BASS ROAD
727+85.00	730+50.00	US 54 MED CL.	IN MED	265			1.41	PLACE ALONG RIGHT OF WAY LINE
730+60.00		US 54 MED CL.	IN MED	77			0.41	PLACE ABOVE PIPE INLET
734+20.00		US 54 MED CL.	IN MED	64			0.34	PLACE ABOVE PIPE INLET
735+45.00	738+90.00	US 54 MED CL.	IN MED	360			1.92	PLACE ALONG RIGHT OF WAY LINE
736+40.00	742+10.00	US 54 MED CL.	IN MED	595			3.17	PLACE ALONG EDGE OF CLEARING
748+90.00		US 54 MED CL.	IN MED	52			0.28	PLACE ALONG RIGHT OF WAY LINE
754+00.00	755+20.00	US 54 MED CL.	IN MED	224			1.19	PLACE ALONG RIGHT OF WAY LINE
753+10.00	754+85.00	US 54 MED CL.	IN MED	176			0.94	PLACE ALONG EDGE OF CLEARING
			TOTAL	3692	471		26.47	
			USE	3692	471		26.0	

TEMPORARY SEDIMENT BASIN											
STATION		ALIGNMENT	LOCATION	TEMPORARY SEDIMENT BASIN				FURNISH	PLACE		COMMENT
				BOTTOM		DEPTH (ft)	EST. CLASS A (cy)	TYPE 2 RDL (cy)	TYPE 2 RDL (cy)	SEDIMENT REM. (cy)	
FROM	TO			LENGTH (ft)	WIDTH (ft)						
730+45.00		US 54 MED CL.	ON Rt.	12	10	4	37.4	1.8	1.8	0.46	1:1 SIDE SLOPES, 6' RDL LENGTH FOR EACH INLET/OUTLET DITCH
734+30.00		US 54 MED CL.	ON Rt.	12	10	5	53.7	1.8	1.8	0.46	1:1 SIDE SLOPES, 6' RDL LENGTH FOR EACH INLET/OUTLET DITCH
747+00.00		US 54 MED CL.	ON Rt.	16	14	5	80.3	1.8	1.8	0.63	1:1 SIDE SLOPES, 6' RDL LENGTH FOR EACH INLET/OUTLET DITCH
758+60.00		US 54 MED CL.	ON Rt.	10	10	5	84	1.8	1.8	0.42	1:1 SIDE SLOPES, 6' RDL LENGTH FOR EACH INLET/OUTLET DITCH
						TOTAL	255.40	7.20	7.20	1.97	
						USE	255.0	7.0	7.0	2.0	

SEEDING						
STATION		ALIGNMENT	LOCATION	WARM	TEMP.	COMMENT
				SEASON		
FROM	TO			(ac)	(ac)	
674+65.00	683+15.00	US 54 MED CL.	ON Rt.	0.59	0.06	
683+50.00	686+20.00	US 54 MED CL.	ON Rt.	0.24	0.02	
686+55.00	690+85.00	US 54 MED CL.	ON Rt.	0.33	0.03	
704+45.00	706+00.00	US 54 MED CL.	ON Rt.	0.08	0.01	
710+40.00	711+80.00	US 54 MED CL.	IN MED	0.22	0.02	
712+00.00	726+50.00	US 54 MED CL.	IN MED	4.04	0.40	
727+50.00	748+70.00	US 54 MED CL.	IN MED	7.25	0.73	
749+45.00	764+50.00	US 54 MED CL.	IN MED	4.62	0.46	
764+95.00	766+10.00	US 54 MED CL.	IN MED	0.12	0.01	
767+10.00	772+15.00	US 54 MED CL.	ON Rt.	0.27	0.03	
			TOTAL	17.76	1.77	
			USE	17.8	1.8	

MULCHING					
STATION		ALIGNMENT	LOCATION	QUANTITY	COMMENT
FROM	TO			(ac)	
674+65.00	683+15.00	US 54 MED CL .	ON Rt .	0.59	
683+50.00	686+20.00	US 54 MED CL .	ON Rt .	0.24	
686+55.00	690+85.00	US 54 MED CL .	ON Rt .	0.33	
704+45.00	706+00.00	US 54 MED CL .	ON Rt .	0.08	
710+40.00	711+80.00	US 54 MED CL .	IN MED	0.22	
712+00.00	726+50.00	US 54 MED CL .	IN MED	4.04	
727+50.00	748+70.00	US 54 MED CL .	IN MED	7.25	
749+45.00	764+50.00	US 54 MED CL .	IN MED	4.62	
764+95.00	766+10.00	US 54 MED CL .	IN MED	0.12	
767+10.00	772+15.00	US 54 MED CL .	ON Rt .	0.27	
			TOTAL	17.76	
			USE	17.8	



DATE PREPARED
3/3/2026

ROUTE 54
DISTRICT CD

STATE MO
SHEET NO. 3

COUNTY COLE
JOB NO. JCD0219B

CONTRACT ID. X
PROJECT NO. X

BRIDGE NO. X

DESCRIPTION									
DATE									

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

SIGN	SIZE	AREA	QTY	TOTAL AREA	RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NO.	DESCRIPTION	SIGN	SIZE	AREA	QTY	TOTAL SQ. FT.	RELOC EACH	TOTAL RELOC SQ. FT.	SIGN NO.	DESCRIPTION	ITEM NUMBER	TOTAL QTY	EFFECTIVE: 07-01-2025
WARNING SIGNS									GUIDE SIGNS									6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)	E05-1	36X48	12.00						GORE EXIT	6122008		IMPACT ATTENUATOR 40 MPH (SAND BARRELS)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)	E05-2	48X36	12.00						EXIT OPEN	6122010		IMPACT ATTENUATOR 45 MPH (SAND BARRELS)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)	E05-2a	48X36	12.00						EXIT CLOSED	6122012		IMPACT ATTENUATOR 50 MPH (SAND BARRELS)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)	GO20-1	60X24	10.00						ROAD WORK NEXT XX MILES	6122014		IMPACT ATTENUATOR 55 MPH (SAND BARRELS)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)	GO20-2	48X24	8.00						END ROAD WORK	6122017		IMPACT ATTENUATOR 60 MPH (SAND BARRELS)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)	GO20-4	36X18	4.50						PILOT CAR FOLLOW ME	6122019		IMPACT ATTENUATOR 65 MPH (SAND BARRELS)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)	GO20-4a	42X30	8.75						PILOT CAR IN USE WAIT & FOLLOW	6122020		IMPACT ATTENUATOR 70 MPH (SAND BARRELS)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)	GO20-4aP	18X12	1.50						PILOT CAR IN USE WAIT & FOLLOW	6122030		REPLACEMENT SAND BARREL
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)	GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)	6122040		IMPACT ATTENUATOR (RELOCATION)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)	MO4-8a	24X18	3.00						END DETOUR	6122041		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)	MO4-10L	48X18	6.00						DETOUR ARROW (LEFT)	6161013		BUOYS (NO WAKE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)	MO4-10R	48X18	6.00						DETOUR ARROW (RIGHT)	6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)	REGULATORY SIGNS									6161020		CHANNELIZER (DRUM-LIKE)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)	R1-1	48X48	13.25						STOP	6161022		CHANNELIZER (CONE)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)	R1-2	48TRI.	6.93						YIELD	6161025	6	CHANNELIZER (TRIM-LINE) *
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)	R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)	6161026		CHANNELIZER (VERTICAL PANEL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)	R1-3P	30X12	2.50						ALL WAY (PLAQUE)	6161030		TYPE 3 MOVEABLE BARRICADE
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)	R2-1	36X48	12.00						SPEED LIMIT XX	6161033	14	DIRECTION INDICATOR BARRICADE **
WO3-4	48X48	16.00						BE PREPARED TO STOP	R3-1	48X48	16.00						NO RIGHT TURN (SYMBOL)	6161040		FLASHING ARROW PANEL
WO3-5	48X48	16.00						SPEED LIMIT AHEAD	R3-2	48X48	16.00						NO LEFT TURN (SYMBOL)	6161047		TYPE 3 OBJECT MARKER
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)	R3-3	36X36	9.00						NO TURNS	6161055		SEQUENTIAL FLASHING WARNING LIGHT
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)	R3-4	48X48	16.00						NO U-TURN (SYMBOL)	6161070		

SIGN SPACING FOR ADVANCE SIGN SERIES (1) (2)		
PERMANENT POSTED SPEED MPH	UNDIVIDED 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'

TAPER LENGTHS AND END TREATMENTS FOR CONCRETE BARRIER				
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3)			END TREATMENT (4)
	10'	11'	12'	
<40	160'	168'	176'	BARRIER HEIGHT TRANSITION
>40	160'	168'	350'	APPROVED CRASH CUSHION

TAPER LENGTHS AND SPACING FOR CHANNELIZERS							
PERMANENT POSTED SPEED MPH	MINIMUM LANE TAPER LENGTH (3) (T2)			MINIMUM SHOULDER TAPER LENGTH BASED ON 10' SHOULDER (T1)	BUFFER LENGTH FT. (B)	MAXIMUM CHANNELIZER SPACING	
	10'	11'	12'			THROUGH TAPER	THROUGH WORK AREA
0-35	205'	225'	245'	70'	250'	35'*	40'*
40-45	450'	495'	540'	150'	360'	40'*	80'*
50-55	550'	605'	660'	185'	495'	50'**	80'**
60-70	700'	770'	840'	235'	730'	60'**	120'**

* SPACING REDUCED TO 1/2 AT INTERSECTIONS.
** SPACING MAY BE REDUCED TO 1/2 AT INTERSECTIONS.

TRAFFIC CONTROL LEGEND

	SIGN (SINGLE SIDED)		WORK SPACE
	SIGN (DOUBLE SIDED)		ADVANCE WARNING RAIL SYSTEM
	FLAGGER		FLASHING ARROW PANEL
	CONE		FLASHING ELECTRIC LIGHT
	CHANNELIZER		IMPACT ATTENUATOR ARRAY (SAND BARRELS)
	DIRECTIONAL INDICATOR BARRICADE		MOVABLE BARRICADE (SIDE VIEW)
	TUBULAR MARKER		OBJECT MARKER - TYPE I
	MOVABLE BARRICADE (PLAN VIEW)		OBJECT MARKER - TYPE II
	CHANGEABLE MESSAGE BOARD		OBJECT MARKER - TYPE III
	TRAFFIC BARRIER (PLAN VIEW)		LUMINAIRE
	TRAFFIC BARRIER (SECTION VIEW)		TMA - TRUCK MOUNTED ATTENUATOR
	HIGH-LEVEL WARNING DEVICE (FLAG TREE)		CRASH CUSHION
	SHORT - TERM OR LONG-TERM RUMBLE STRIPS		TRAFFIC OR PEDESTRIAN SIGNAL

- GENERAL NOTES:
- (1) SPACING BETWEEN SIGNS AND SPACING BETWEEN LAST SIGN AND FLAGGER, BEGINNING OF TAPER, OF SIGNED CONDITION.
- (2) SPACINGS MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS AND VISIBILITY.
- (3) TAPER LENGTHS SHOWN INCLUDE LENGTH REQUIRED FOR LANE AND 10' SHOULDER.
- (4) CONCRETE BARRIER MAY BE INSTALLED AT AND 8:1 FLARE RATE FROM THE SHOULDER POINT TO THE LIMITS OF THE CLEAR ZONE WHERE THE SIDE SLOPE IS 6:1 OR FLATTER.
- (5) DISTANCE PLACED BEFORE THE FEATURE REQUIRING ATTENTION (e.g. MERGE, LANE SHIFT, REDUCED SPEED).
- (6) SPACING MAY NEED TO BE ADJUSTED IF TEMPORARY RUMBLE STRIPS ARE SLIDING OR MOVING.

ROADWAY TYPE	SIGN HEIGHT	MAX. WORK ZONE LENGTH (L)
URBAN	1' PORTABLE 7' POST	1 MILE
RURAL DIVIDED	1' PORTABLE 7' POST	2 MILE
RURAL UNDIVIDED	1' PORTABLE 5' POST	3 MILE

LONG-TERM RUMBLE STRIPS		
PERMANENT POSTED SPEED (MPH)	DISTANCE (FT) (5)	SPACING (FT) (6)
0-45 (OPTIONAL)	120	10-12
50-55	160	10-12
60-70	200	10-12

RECOMMENDED MAX SPEED REDUCTIONS	
CONSTRUCTION ACTIVITY LOCATION	SPEED REDUCTION
10 FT. BEYOND EDGE OF TRAVELWAY TO EDGE OF RIGHT OF WAY	NO SPEED REDUCTION
IN TRAFFIC LANE OR WITHIN 10 FT. OF THE TRAFFIC LANE	10 MPH
HEAD-TO-HEAD ON MULTI-LANE	10 MPH
SPECIAL CIRCUMSTANCES WITHIN TEMPORARY TRAFFIC CONTROL WORK ZONE MAY WARRANT A LOWER SPEED LIMIT THAN RECOMMENDED ABOVE. ALL SPEED LIMIT REDUCTIONS GREATER THAN 10 MPH SHALL BE DOCUMENTED, SUBMITTED TO AND APPROVED BY THE DISTRICT WORK ZONE COORDINATOR.	

STATE OF MISSOURI

CHASE N. BARBARICK

NUMBER
PE-2022017855

PROFESSIONAL ENGINEER

03/03/2025 3:22:48 PM
CHASE N. BARBARICK - CIVIL
MO-PE-2022017855

DATE PREPARED
8/5/2025

ROUTE
54

DISTRICT
CD

STATE
MO

SHEET NO.
7

COUNTY
COLE

JOB NO.
JCD0219B

CONTRACT ID.
X

PROJECT NO.
X

BRIDGE NO.
X

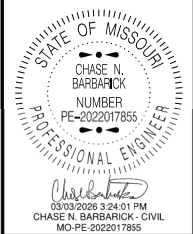
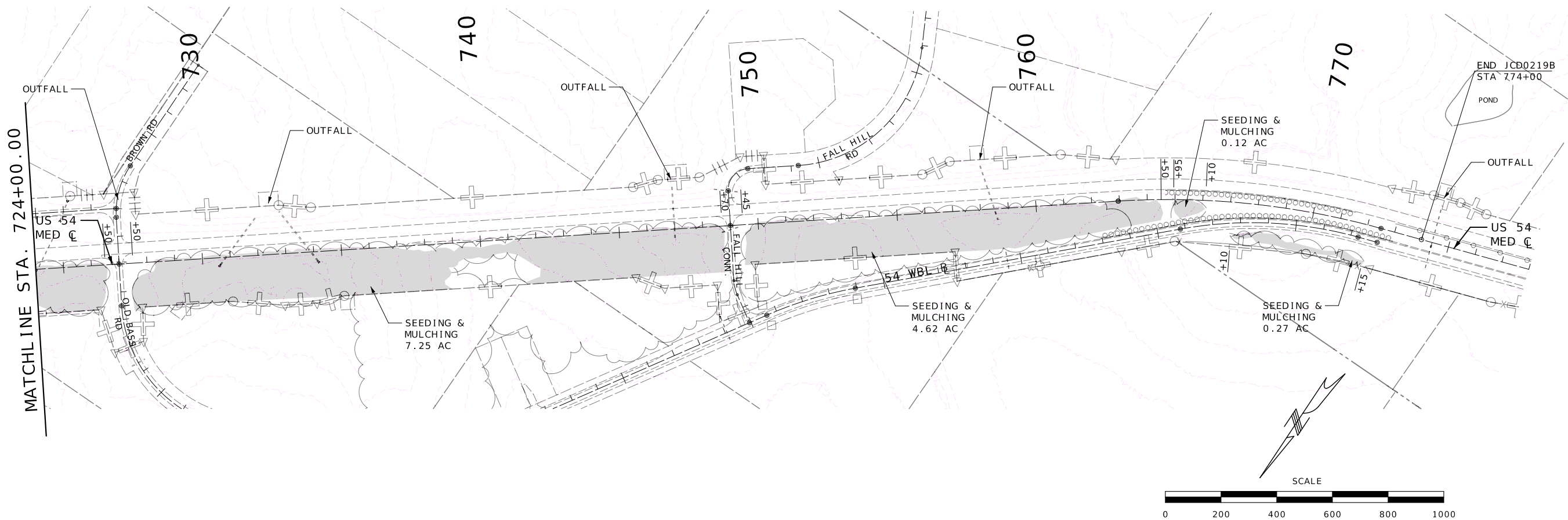
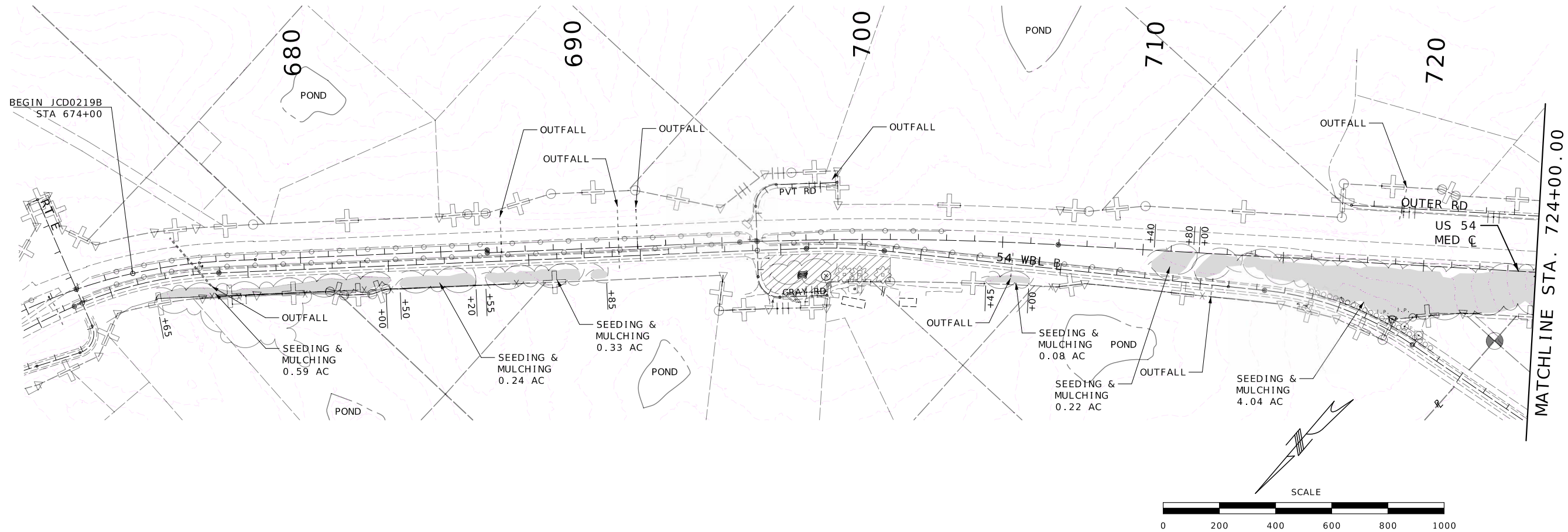
DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

TEMP. TRAFFIC CONTROL
SPACING AND TAPER
LENGTH TABLES, LEGEND
SHEET 1 OF 2



DATE PREPARED	
3/3/2026	
ROUTE	STATE
54	MO
DISTRICT	SHEET NO.
CD	10
COUNTY	
COLE	
JOB NO.	
JCD0219B	
CONTRACT ID.	
X	
PROJECT NO.	
X	
BRIDGE NO.	
X	

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



105 WEST CAPITOL
JEFFERSON CITY, MO 65102
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TEMPORARY
EROSION CONTROL
SHEET 1 OF 1