

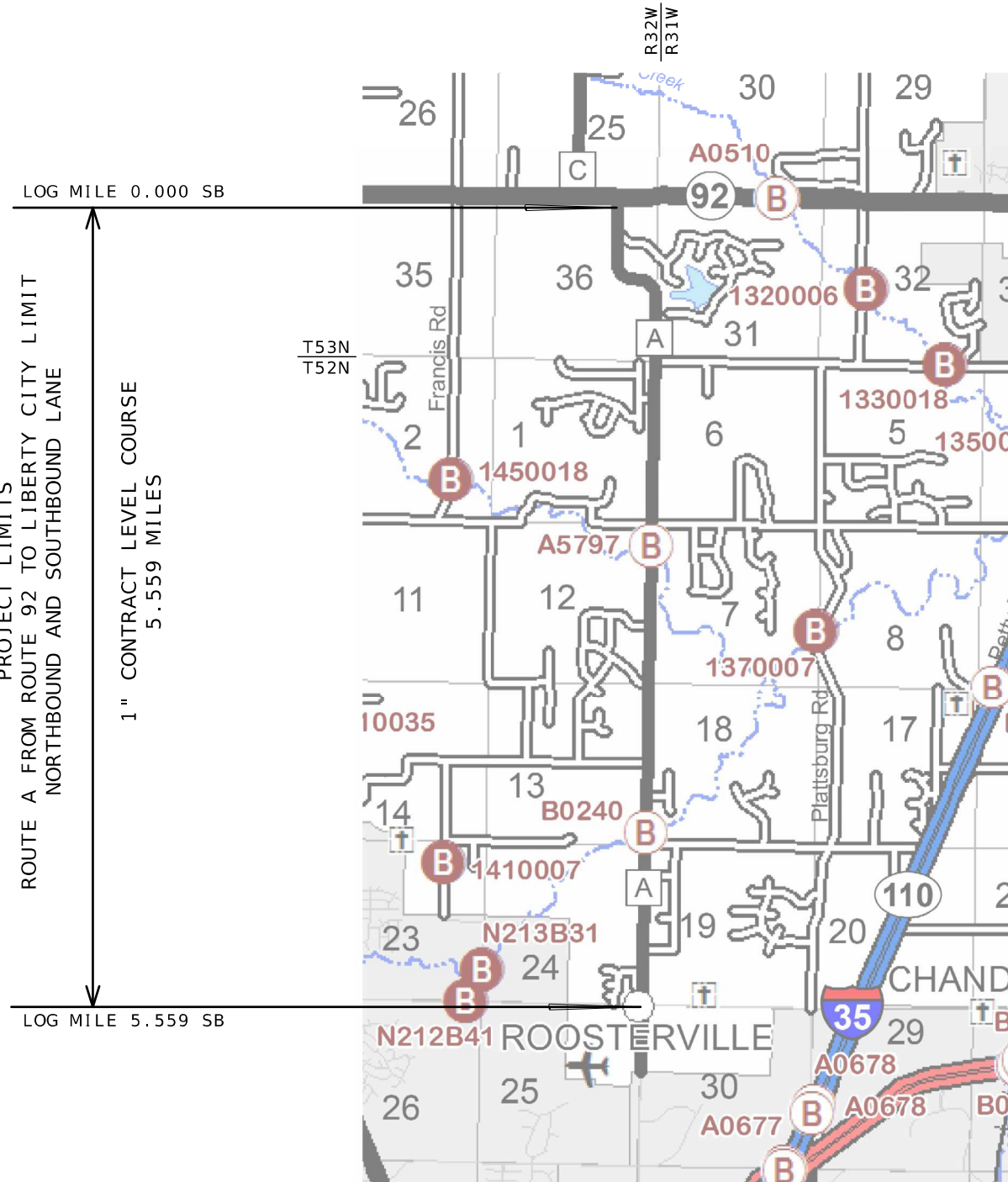
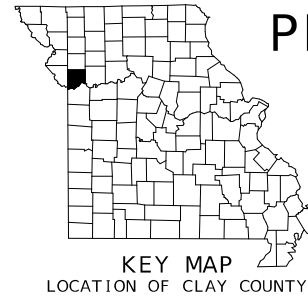
**DESIGN DESIGNATION
ROUTE A**

A.A.D.T. - 2024 = 3407
 A.A.D.T. - 2044 = 4357
 T = 8%
 V = 55 M.P.H.

FUNCTIONAL CLASSIFICATION- MAJOR COLLECTOR

NO NORMAL R/W OR UTILITY & DRAINAGE
 EASEMENTS TO BE ACQUIRED WITH THIS
 PROJECT

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PRELIMINARY PLANS FOR PROPOSED STATE HIGHWAY CLAY COUNTY



LOG MILE 0.000 SB
 PROJECT LIMITS
 ROUTE A FROM ROUTE 92 TO LIBERTY CITY LIMIT
 NORTHBOUND AND SOUTHBOUND LANE
 1" CONTRACT LEVEL COURSE
 5.559 MILES
 LOG MILE 5.559 SB

NOT TO SCALE

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.

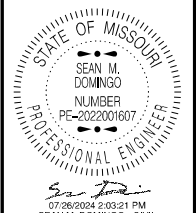
**CONVENTIONAL SYMBOLS
(USED IN PLANS)**

	EXISTING	NEW
BUILDINGS AND STRUCTURES		
GUARD RAIL		
GUARD CABLE		
CONCRETE RIGHT-OF-WAY MARKER		
STEEL RIGHT-OF-WAY MARKER		
LOCATION SURVEY MARKER		
UTILITIES		
FIBER OPTICS	-FO-	-FO-
OVERHEAD CABLE TV	-OTV-	-OTV-
UNDERGROUND CABLE TV	-UTV-	-UTV-
OVERHEAD TELEPHONE	-OT-	-OT-
UNDERGROUND TELEPHONE	-UT-	-UT-
OVERHEAD POWER	-OE-	-OE-
UNDERGROUND POWER	-UE-	-UE-
SANITARY SEWER	-S-	-S-
STORM SEWER	-SS-	-SS-
GAS	-G-	-G-
WATER	-W-	-W-
MANHOLE		
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

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS) (1 SHEETS)	2
QUANTITIES (QU) (3 SHEETS)	3
SPECIAL SHEETS (SS)	4
TRAFFIC CONTROL SHEETS (TC)	5-9



DATE PREPARED
 7/24/2024
 ROUTE A STATE MO
 DISTRICT KC SHEET NO. 1
 COUNTY CLAY
 JOB NO. JKU0070
 CONTRACT ID.
 PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

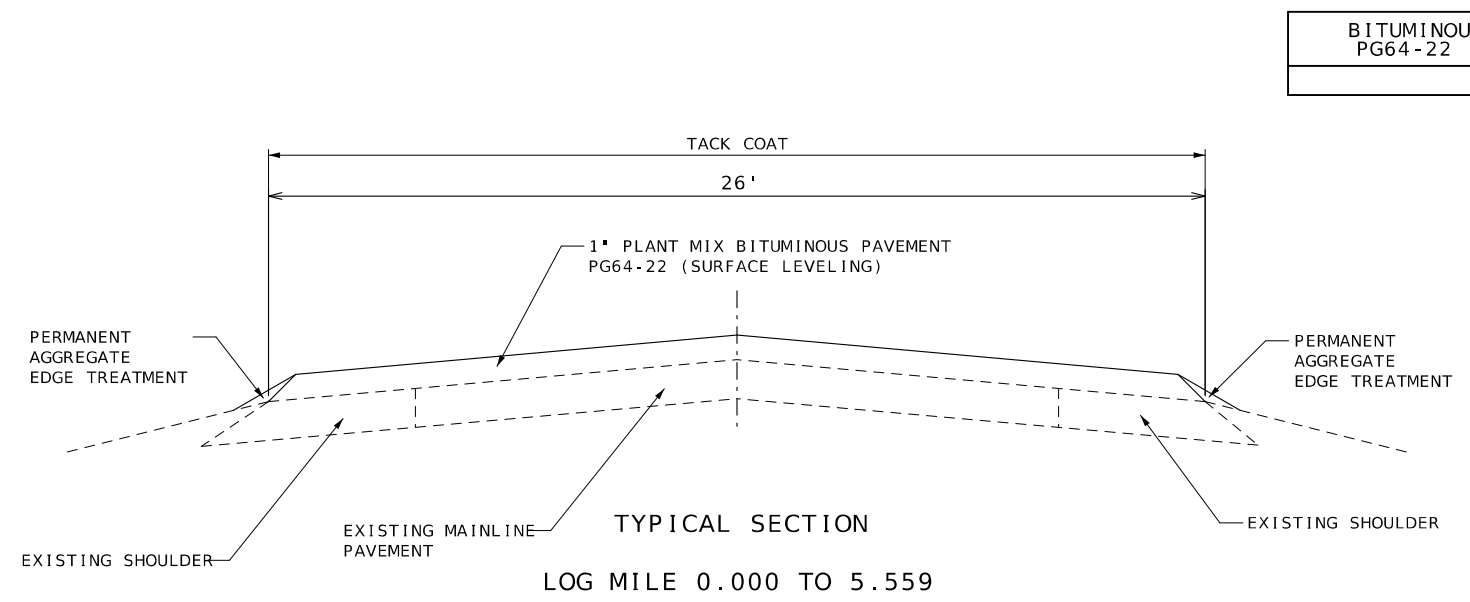
LENGTH OF PROJECT

BEGINNING OF PROJECT	LOG MILE 0.000 (SB)
END OF PROJECT	LOG MILE 5.559 (SB)
APPARENT LENGTH	29,351.52 FEET
EQUATIONS AND EXCEPTIONS:	
112th ST. INTERSECTION	LOG MILE 5.000 TO 5.320

TOTAL CORRECTIONS	1690 FEET
NET LENGTH OF PROJECT	28,090 FEET
STATE LENGTH	5.320 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0.5 ACRES

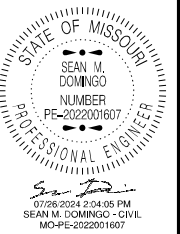
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



BITUMINOUS PAVEMENT MIXTURE PG64-22 (SURFACE LEVELING)	1.975 TON/YD ³
TACK COAT	.08 GAL/YD ²

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



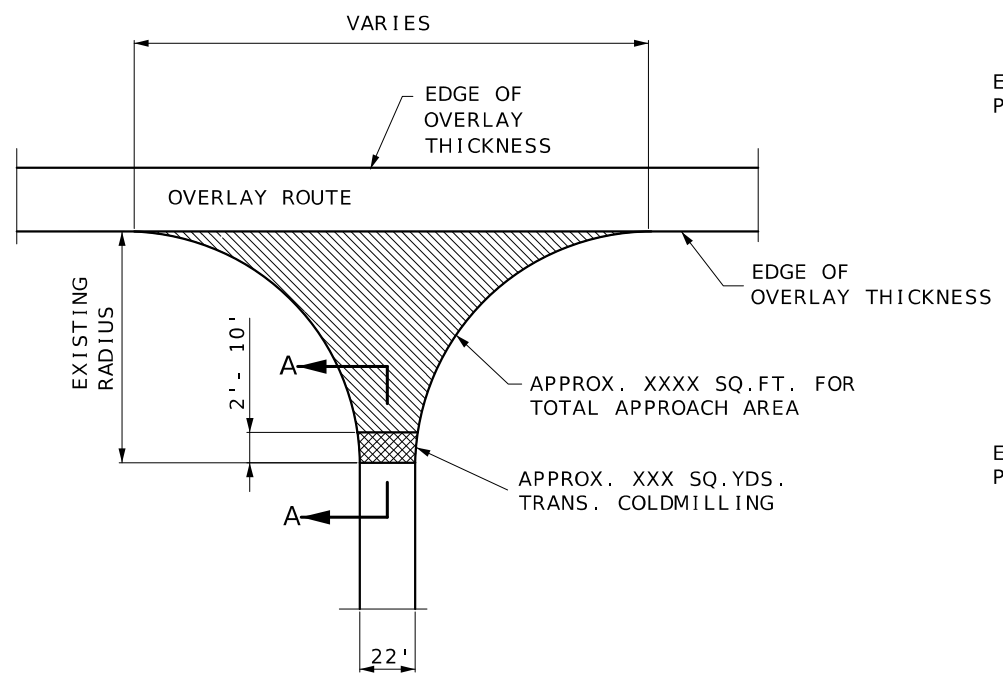
DATE PREPARED 7/24/2024	
ROUTE A	STATE MO
DISTRICT KC	SHEET NO. 2
COUNTY CLAY	
JOB NO. JKU0070	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DATE	DESCRIPTION

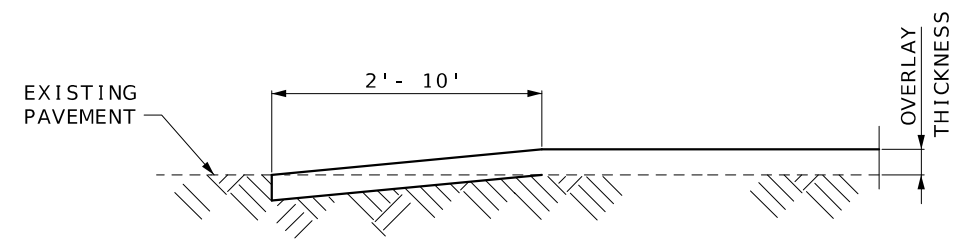
MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION



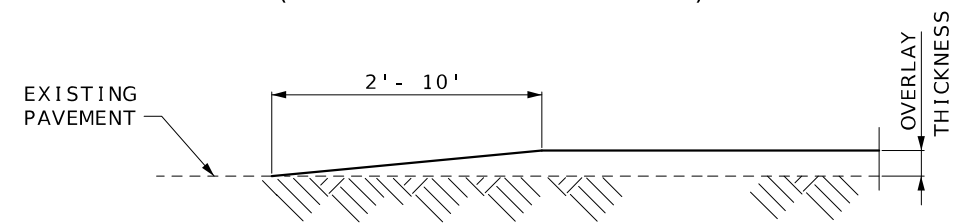
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-273-6636)



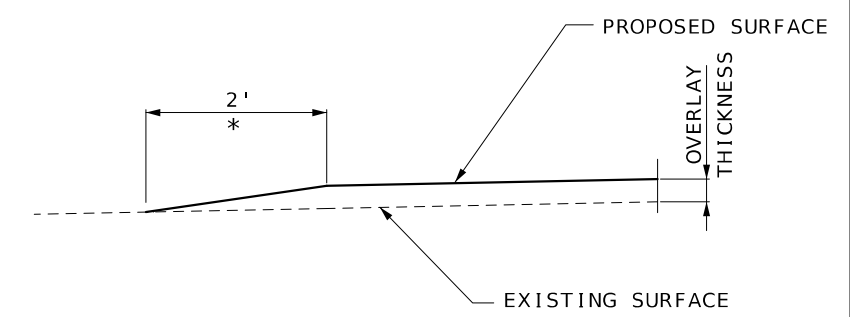
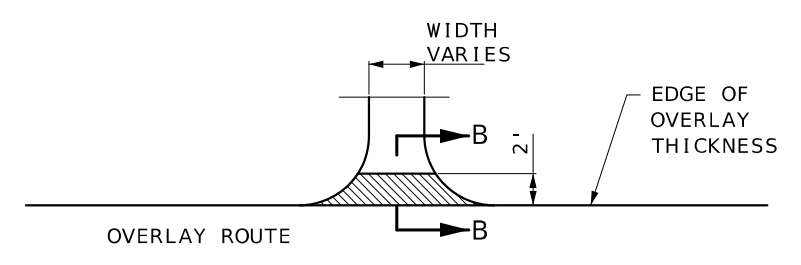
TYPICAL STATE ROUTE JUNCTION



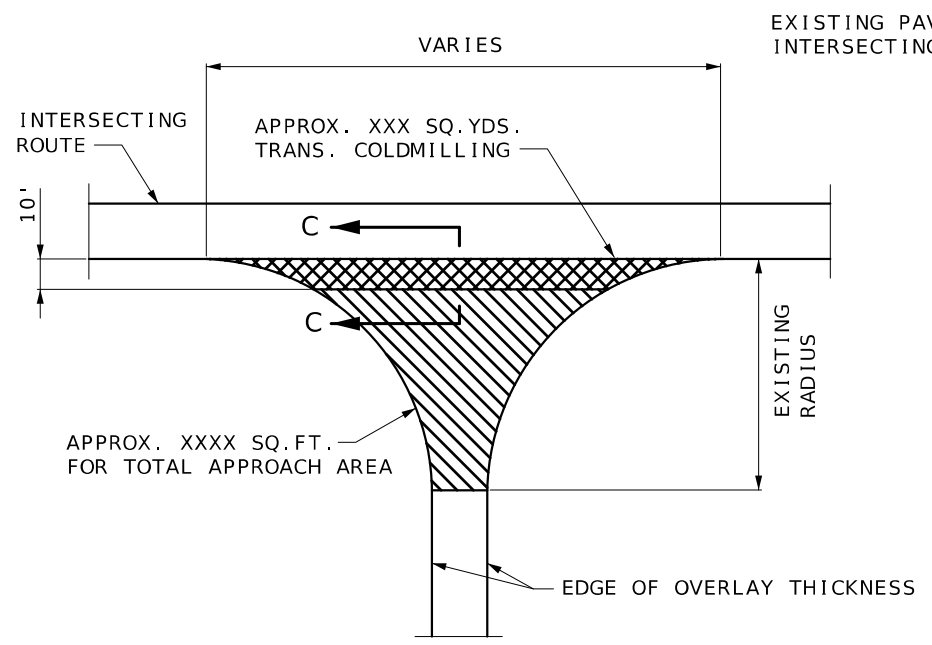
SECTION A-A
TYPICAL STATE ROUTE JUNCTION
(COLDMILLED TRANSITION)



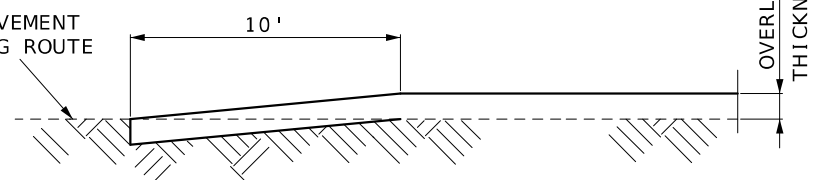
ALTERNATE SECTION A-A
TYPICAL STATE ROUTE JUNCTION
(TAPERED TRANSITION)



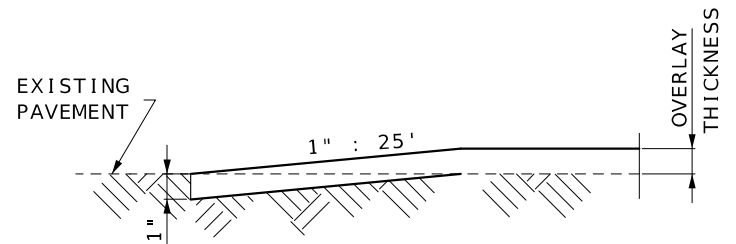
SECTION B-B
TYPICAL ENTRANCE
(FIELD, PRIVATE OR COUNTY ROAD)
* TAPER AT 1:1 FOR FIELD ENTRANCE



BEGINNING AND END OF PROJECT
AT INTERSECTING ROUTE



SECTION C-C
DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
AT INTERSECTING ROUTE

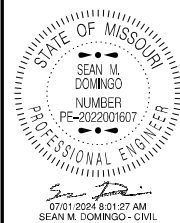


TRAVELWAY DEPTH TRANSITIONS
BEGINNING AND END OF PROJECT
NOT AT INTERSECTING ROUTE
AND AT EXCEPTIONS

DATE PREPARED 6/28/2024	
ROUTE A	STATE MO
DISTRICT KC	SHEET NO. 4
COUNTY CLAY	
JOB NO. JKU0070	
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)

SEAN M. DOMINGO



DATE PREPARED
6/28/2024

ROUTE STATE
A MO

DISTRICT SHEET NO.
KC 5

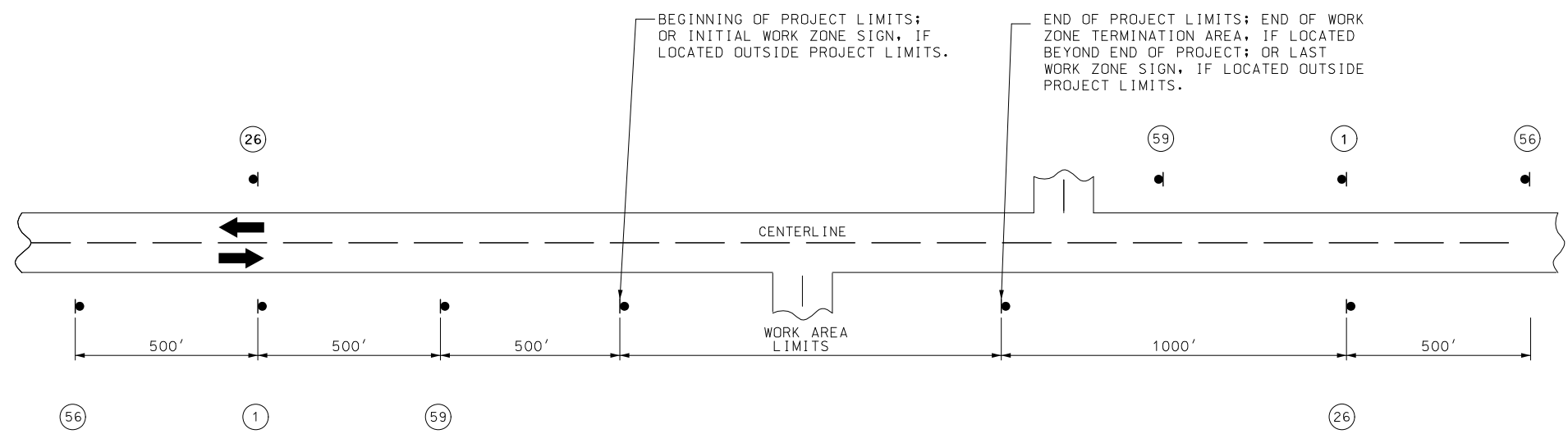
COUNTY
CLAY

JOB NO.
JKU0070

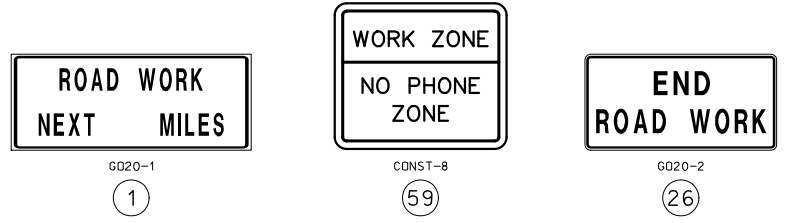
CONTRACT ID.

PROJECT NO.

BRIDGE NO.



NOTES:
SIGN 1 AND 26 ARE ONLY USED ON PROJECT LENGTHS 2 MILES OR GREATER.
PROVIDE SIGNS IN EACH DIRECTION ON TWO-WAY HIGHWAY.
DISTANCE MAY BE ADJUSTED ACCORDING TO FIELD CONDITIONS.



DATE	DESCRIPTION

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



W020-1
2



W020-4
7

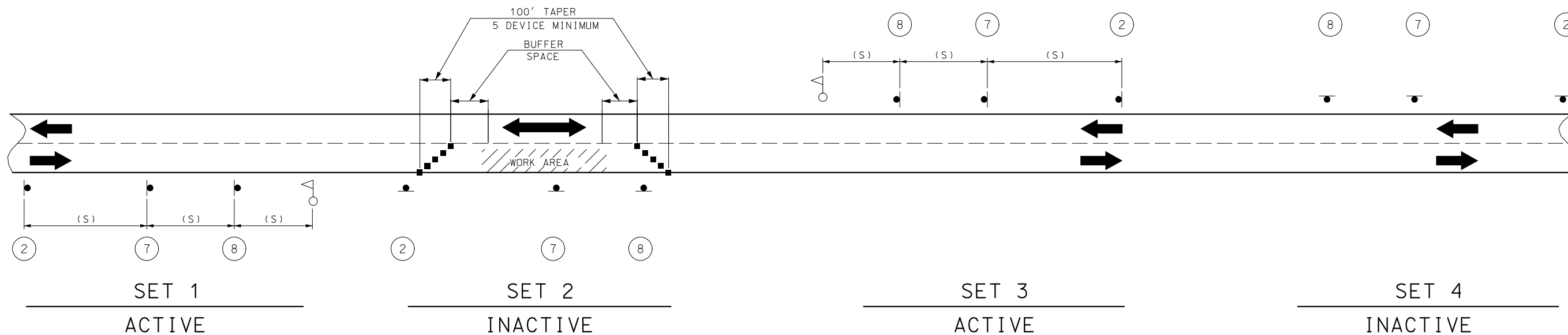


W020-7a
8



G020-4
53

SIGN 53, "PILOT CAR FOLLOW ME" SHALL BE THE CONTRACTOR'S RESPONSIBILITY WHEN IN USE DURING OPERATION.



NOTES:

DAYLIGHT FLAGGING OPERATIONS ONLY.

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

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

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

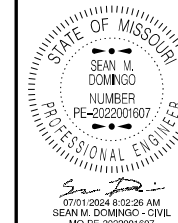
■ - CHANNELIZERS

△ - FLAGGER

SPEED	SIGN SPACING (FT) (1)	BUFFER SPACE
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	LENGTH (FT)
0-35	200	280
40-45	350	400
50-55	500	560
60-70	1000	840

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

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.



DATE PREPARED
6/28/2024

ROUTE STATE
A MO

DISTRICT SHEET NO.
KC 6

COUNTY
CLAY

JOB NO.
JKU0070

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

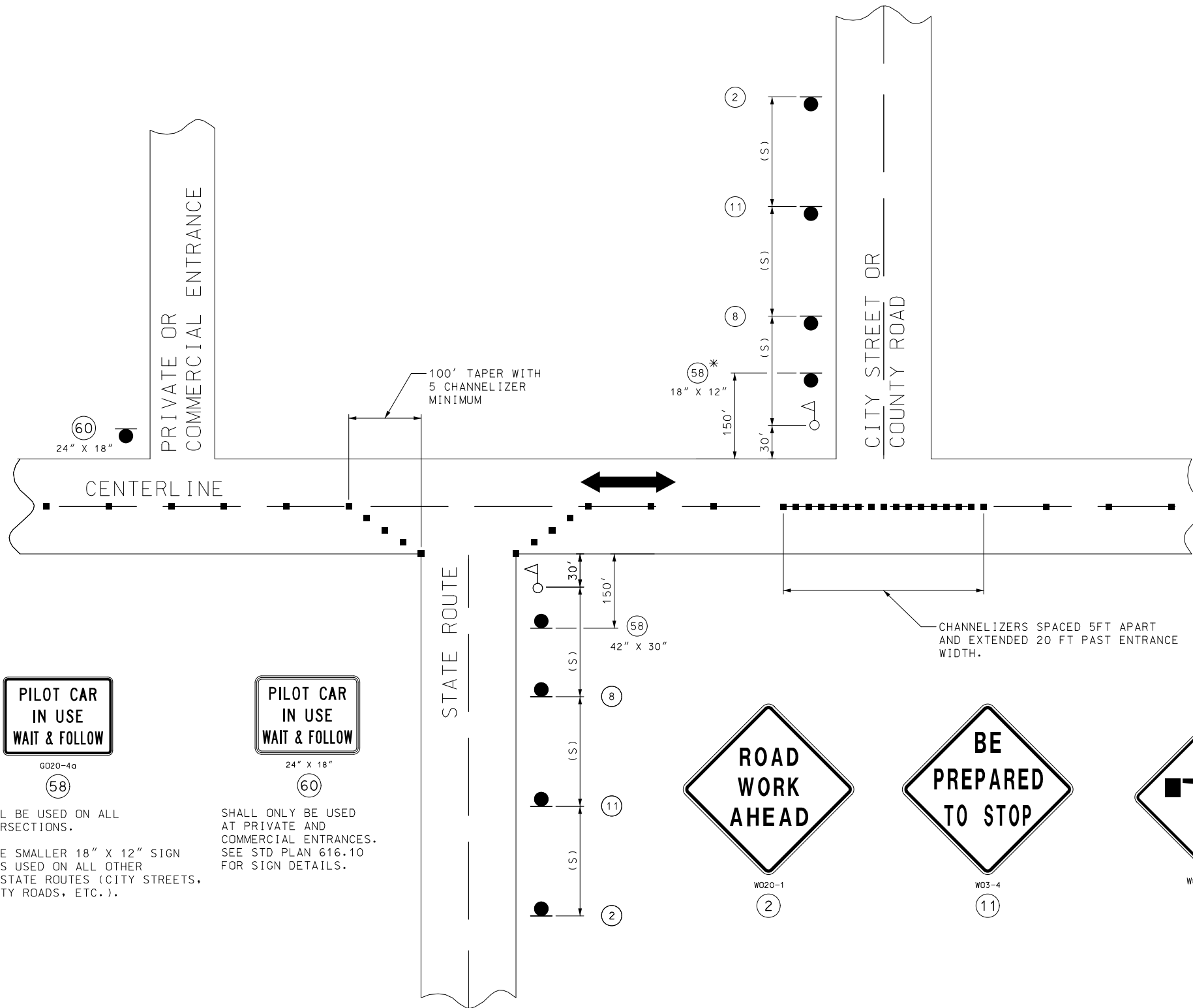
DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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

SPEED	SIGN SPACING (FT) (1)	CHANNELIZER SPACING (FT)
PERMANENT POSTED (MPH)	NON-DIVIDED HIGHWAYS (S)	BUFFER/WORK AREA (TYP.)
0-35	200	40
40-45	350	80
50-55	500	80
60-70	1000	120



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

SPACING MAY BE ADJUSTED AS NECESSARY TO MEET FIELD CONDITIONS.

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.

- - CHANNELIZERS (AS SPECIFIED)
- ⚠ - FLAGGER

NOT TO SCALE

SHALL BE USED ON ALL INTERSECTIONS.

* THE SMALLER 18" X 12" SIGN 58 IS USED ON ALL OTHER NON-STATE ROUTES (CITY STREETS, COUNTY ROADS, ETC.).

SHALL ONLY BE USED AT PRIVATE AND COMMERCIAL ENTRANCES. SEE STD PLAN 616.10 FOR SIGN DETAILS.

SIDE ROADS ENTERING WORK ZONES

SEAN M. DOMINGO
 NUMBER PE-202201607
 PROFESSIONAL ENGINEER

DATE PREPARED: 6/28/2024

ROUTE: A STATE: MO
 DISTRICT: KC SHEET NO.: 7

COUNTY: CLAY
 JOB NO.: JKU0070
 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)

