

**DESIGN DESIGNATION**

A.A.D.T. - 2024 = 183  
 A.A.D.T. - 2025 = 196  
 D.H.V. = 9.5%  
 T = 19.4%  
 V = 55 M.P.H.  
 D = 48%/52%

FUNCTIONAL CLASSIFICATION - MINOR COLLECTOR



KEY MAP  
LOCATION OF CHARITON COUNTY

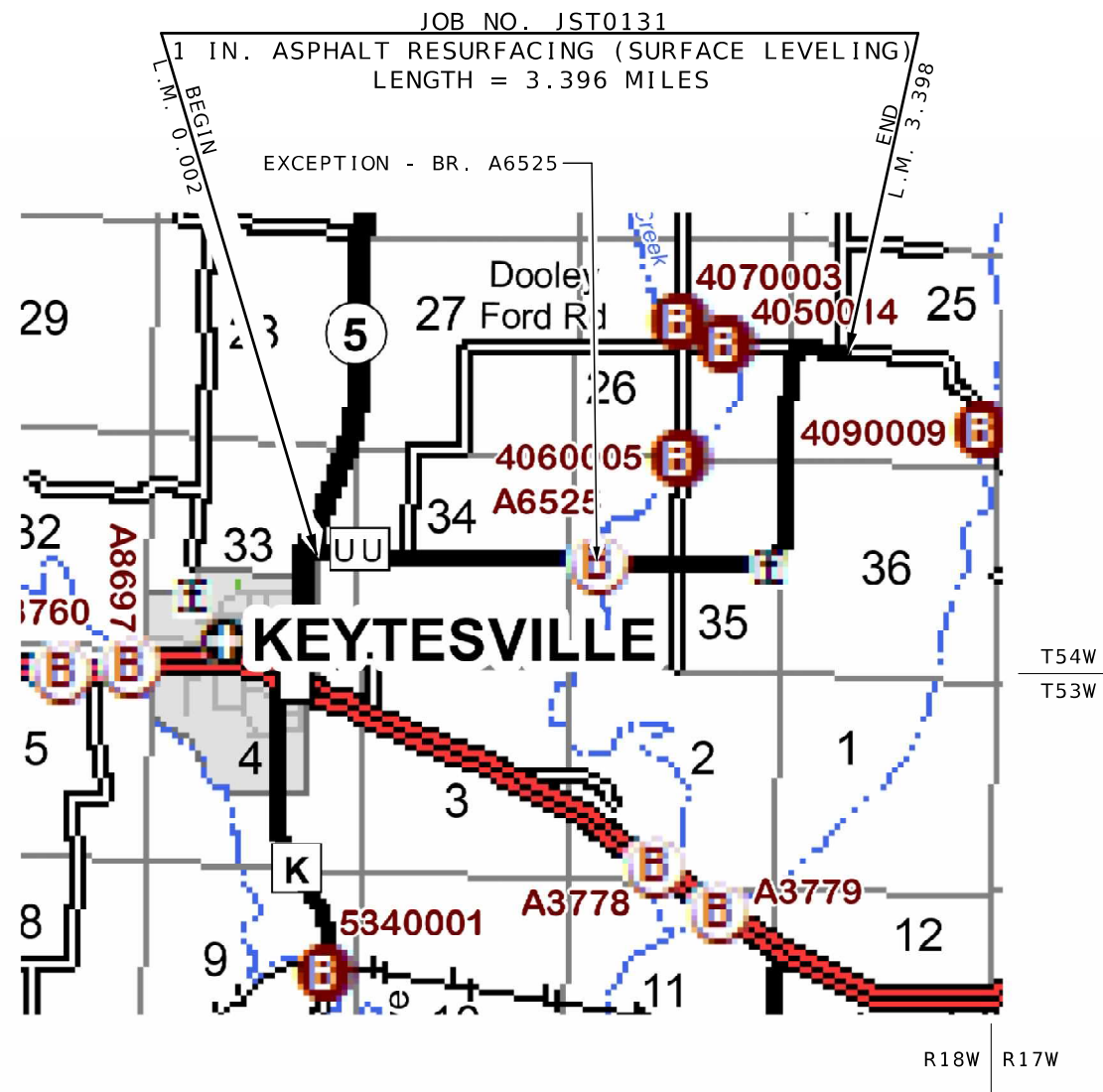
**NO RIGHT OF WAY ACQUISITION**

**CONVENTIONAL SYMBOLS (USED IN PLANS)**

	EXISTING	NEW
BUILDINGS AND STRUCTURES	[Symbol]	[Symbol]
GUARD RAIL	[Symbol]	[Symbol]
GUARD CABLE	[Symbol]	[Symbol]
CONCRETE RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
STEEL RIGHT-OF-WAY MARKER	[Symbol]	[Symbol]
LOCATION SURVEY MARKER	[Symbol]	[Symbol]
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	[Symbol]	[Symbol]
FIRE HYDRANT	[Symbol]	[Symbol]
WATER VALVE	[Symbol]	[Symbol]
WATER METER	[Symbol]	[Symbol]
DROP INLET	[Symbol]	[Symbol]
DITCH BLOCK	[Symbol]	[Symbol]
GROUND MOUNTED SIGN	[Symbol]	[Symbol]
LIGHT POLE	[Symbol]	[Symbol]
H-FRAME POWER POLE	[Symbol]	[Symbol]
TELEPHONE PEDESTAL	[Symbol]	[Symbol]
FENCE	[Symbol]	[Symbol]
CHAIN LINK	[Symbol]	[Symbol]
WOVEN WIRE	[Symbol]	[Symbol]
GATE POST	[Symbol]	[Symbol]
BENCHMARK	[Symbol]	[Symbol]

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

# MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION PLANS FOR PROPOSED STATE HIGHWAY CHARITON COUNTY

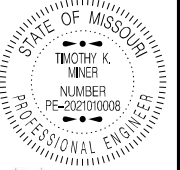


NOT TO SCALE

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.

**INDEX OF SHEETS**

DESCRIPTION	SHEET NUMBER
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QUANTITIES (QU) (2 SHEETS)-----	3
SPECIAL SHEETS (SS) (1 SHEET)-----	4
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DATE PREPARED  
1/12/2025

ROUTE STATE  
UU MO

DISTRICT SHEET NO.  
NW 1

COUNTY  
CHARITON

JOB NO.  
JST0131

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION	DATE

**LENGTH OF PROJECT**

BEGINNING OF PROJECT	L.M. 0.002
END OF PROJECT	L.M. 3.398
APPARENT LENGTH	3.396 MILES
EQUATIONS AND EXCEPTIONS:	
BR. NO. A6525	-0.025 MILES
TOTAL CORRECTIONS	-0.025 MILES
NET LENGTH OF PROJECT	3.371 MILES
STATE LENGTH	3.371 MILES
FOR INFORMATION ONLY ESTIMATED DISTURBED ACRES	0 ACRES

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



TIMOTHY K. MINER  
 NUMBER  
 PE-2021010008  
 PROFESSIONAL ENGINEER  
 01/12/2025 5:48:09 PM  
 TIMOTHY K. MINER - CIVIL  
 MO-PE-2021010008

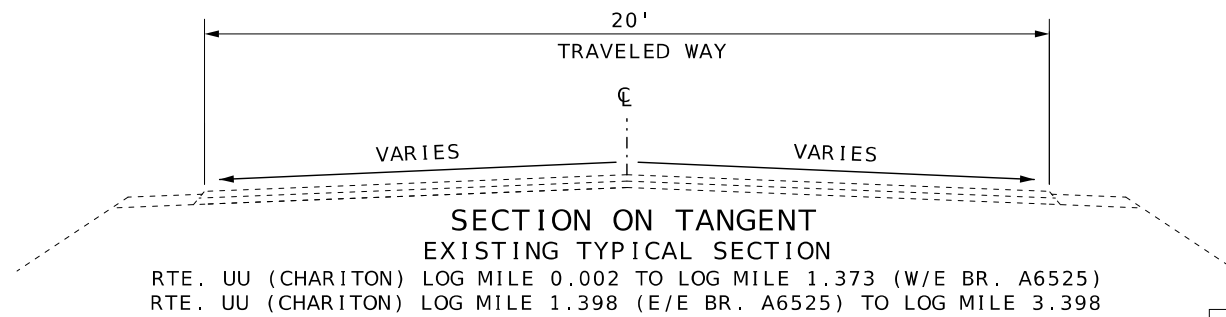
DATE PREPARED  
 1/12/2025  
 ROUTE UU STATE MO  
 DISTRICT NW SHEET NO. 2  
 COUNTY  
 CHARITON  
 JOB NO.  
 JST0131  
 CONTRACT ID.

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)

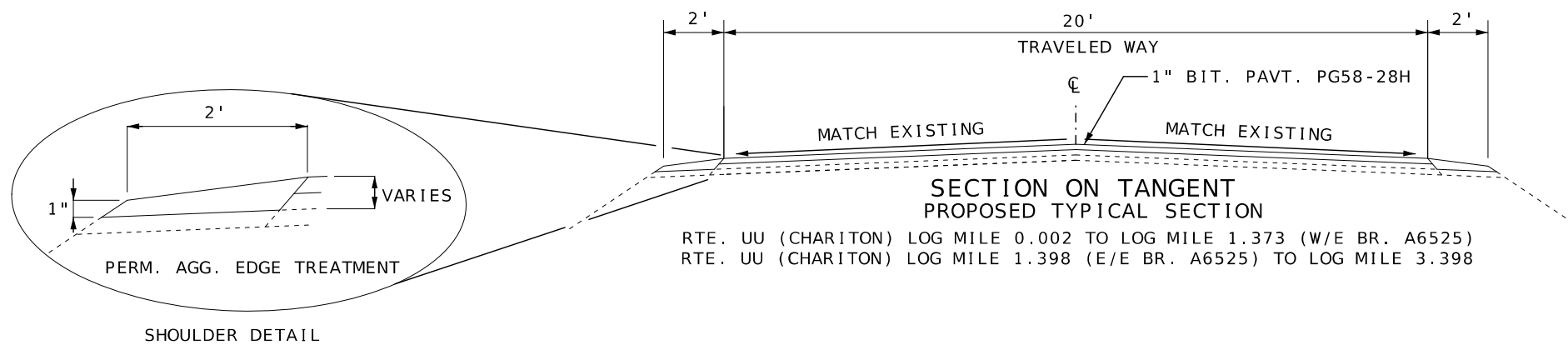
\*NOTE:  
 PAVING WILL BE DONE AT FULL WIDTH  
 OF THE ROADWAY TO ELIMINATE CENTERLINE  
 JOINT.



ESTIMATE FACTORS \*

DESCRIPTION	FACTOR
BITUMINOUS PAVEMENT MIXTURE PG58-28H SURFACE LEVELING	1.98 TONS/CY
TACK COAT	EXISTING PAVEMENT 0.08 GAL/SY MILLED SURFACE 0.10 GAL/SY
GRAVEL A OR CRUSHED STONE B	1.6 TONS/CY
PERMANENT AGGREGATE EDGE TREATMENT	1.6 TONS/CY

\* FOR INFORMATION PURPOSES ONLY



RTE. UU (CHARITON) LOG MILE 0.002 TO LOG MILE 1.373 (W/E BR. A6525)  
 RTE. UU (CHARITON) LOG MILE 1.398 (E/E BR. A6525) TO LOG MILE 3.398

SHOULDER DETAIL

NOT TO SCALE

TYPICAL SECTIONS  
 SHEET 1 OF 1

REV.



01/13/2025 8:28:50 AM  
 TIMOTHY K. MINER - CIVIL  
 MO-PE-2021010008

DATE PREPARED  
 1/13/2025

ROUTE STATE  
 UU MO

DISTRICT SHEET NO.  
 NW 3

COUNTY  
 CHARITON

JOB NO.  
 JST0131

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

MoDOT

STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS

LOG MILE		ROUTE	COUNTY	LENGTH (LF)	4" INT. YELLOW (LF)	4" SOLID YELLOW (LF)
FROM	TO					
0.002	0.137	UU	CHARITON	712.8	0	1425.6
0.137	0.436	UU	CHARITON	1578.72	394.68	1578.72
0.436	0.878	UU	CHARITON	2333.76	0	4667.52
0.878	0.987	UU	CHARITON	575.52	143.88	575.52
0.987	1.203	UU	CHARITON	1140.48	0	2280.96
1.203	1.577	UU	CHARITON	1974.72	493.68	1974.72
1.577	1.717	UU	CHARITON	739.2	0	1478.4
1.717	1.885	UU	CHARITON	887.04	221.76	887.04
1.885	1.931	UU	CHARITON	242.88	60.72	0
1.931	2.086	UU	CHARITON	818.4	204.6	818.4
2.086	3.398	UU	CHARITON	6927.36	0	13854.72
TOTALS					1,519.32	29,541.60
PAY TOTAL						31.061

PERMANENT AGGREGATE EDGE TREATMENT

LOG MILE		ROUTE	LENGTH (MI)	WIDTH (FT)	DEPTH (IN)	QUANTITY (TONS)	REMARKS
FROM	TO						
0.002	1.373	UU	1.371	2	2	214.49	BEGINNING OF ROUTE TO BR. A6525
1.398	3.398		2.000	2	2	312.89	FROM BR. A6525 TO END OF ROUTE
PAY TOTAL						527.4	

BITUMINOUS PAVEMENT MIXTURE PG58-28H SURFACE LEVELING

LOG MILE	LOG MILE	ROUTE	LENGTH (MI)	AVERAGE WIDTH (FT)	DEPTH (IN)	(TONS)	TACK COAT (GAL)	REMARKS
0.002	1.373	UU	1.371	20	1	884.75	1286.91	BEGINNING OF ROUTE TO BR. A6525
1.398	3.398	UU	2.000	20	1	1290.67	1877.33	FROM BR. A6525 TO END OF ROUTE
						0.5	0.73	PAVED APPROACHES
						505.65	--	ADDITIONAL 150 TONS/MILE FOR SURFACE IRREGULARITIES
TOTALS						2681.57	3164.97	
PAY TOTALS						2681.6	3165.0	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)

APPROX. LOG MILE	ROUTE	LENGTH (FT)	AVERAGE WIDTH (FT)	QUANTITY (SY)	REMARKS
0.002	0.004	UU	10	120	133.33
1.364	1.373	UU	50	20	111.11
1.398	1.41	UU	50	20	111.11
				20.00	PAVED APPROACHES
PAY TOTAL					376

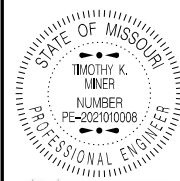
GRAVEL (A) CRUSHED STONE (B)

LENGTH (FT)	WIDTH (FT)	DEPTH (IN.)	TONS	REMARKS
10	20	2	35.56	18 LOCATIONS
PAY TOTAL			36	

COLD MIX PATCHING

ROUTE	REMOVAL OF DAMAGED PAVEMENT (S.Y.)	REPLACEMENT OF DAMAGED PAVEMENT (TON)
UU	135.75	54.30
PAY TOTAL	135.8	54.3





DATE PREPARED  
1/12/2025 5:48:27 PM

ROUTE UU STATE MO  
DISTRICT NW SHEET NO. 4

COUNTY CHARITON  
JOB NO. JST0131

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DESCRIPTION

DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

105 WEST CAPITOL JEFFERSON CITY, MO 65102

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

MoDOT

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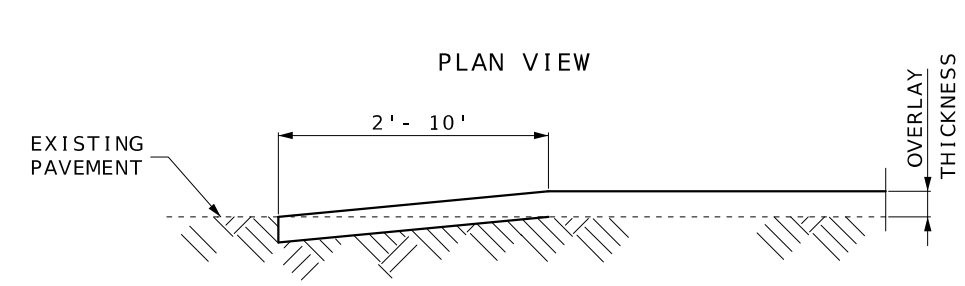
MoDOT

MoDOT

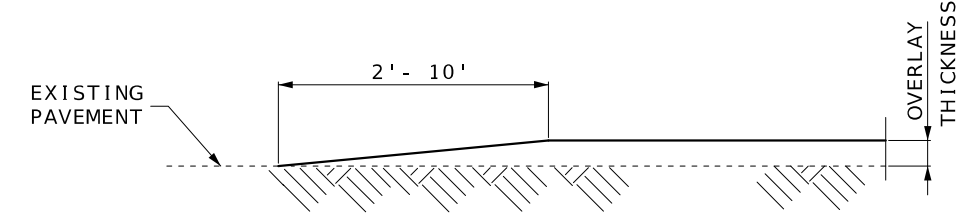
MoDOT

MoDOT

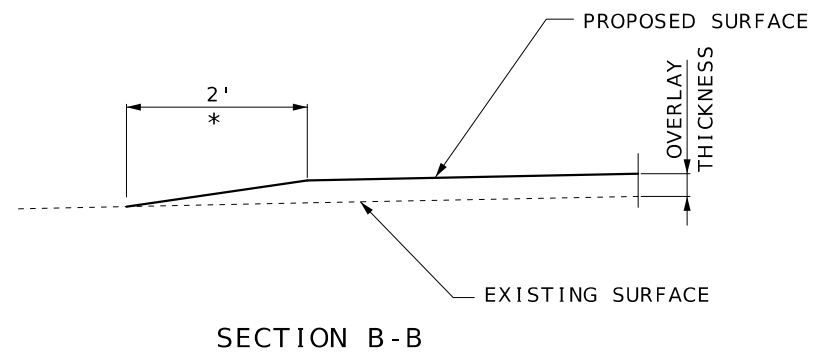
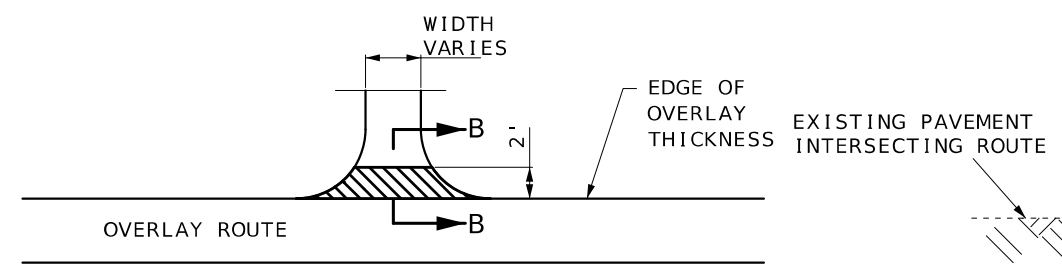
MoDOT



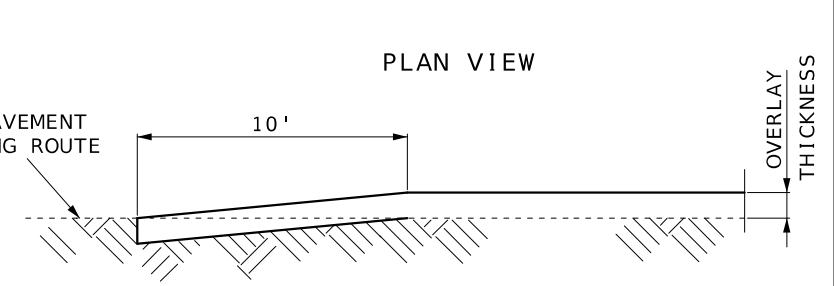
SECTION A-A  
TYPICAL STATE ROUTE JUNCTION  
(COLDMILLED TRANSITION)



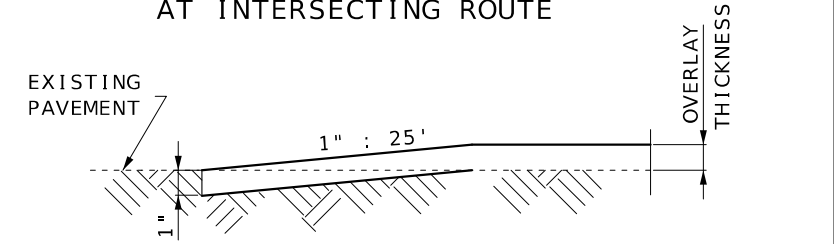
ALTERNATE SECTION A-A  
TYPICAL STATE ROUTE JUNCTION  
(TAPERED TRANSITION)



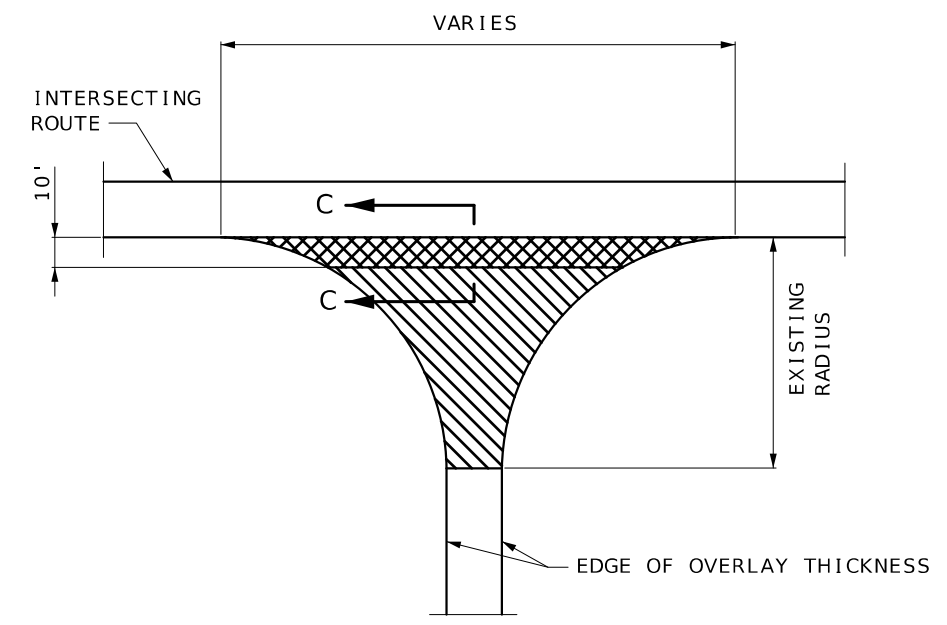
TYPICAL ENTRANCE  
(FIELD, PRIVATE OR COUNTY ROAD)  
\* TAPER AT 1:1 FOR FIELD ENTRANCE



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



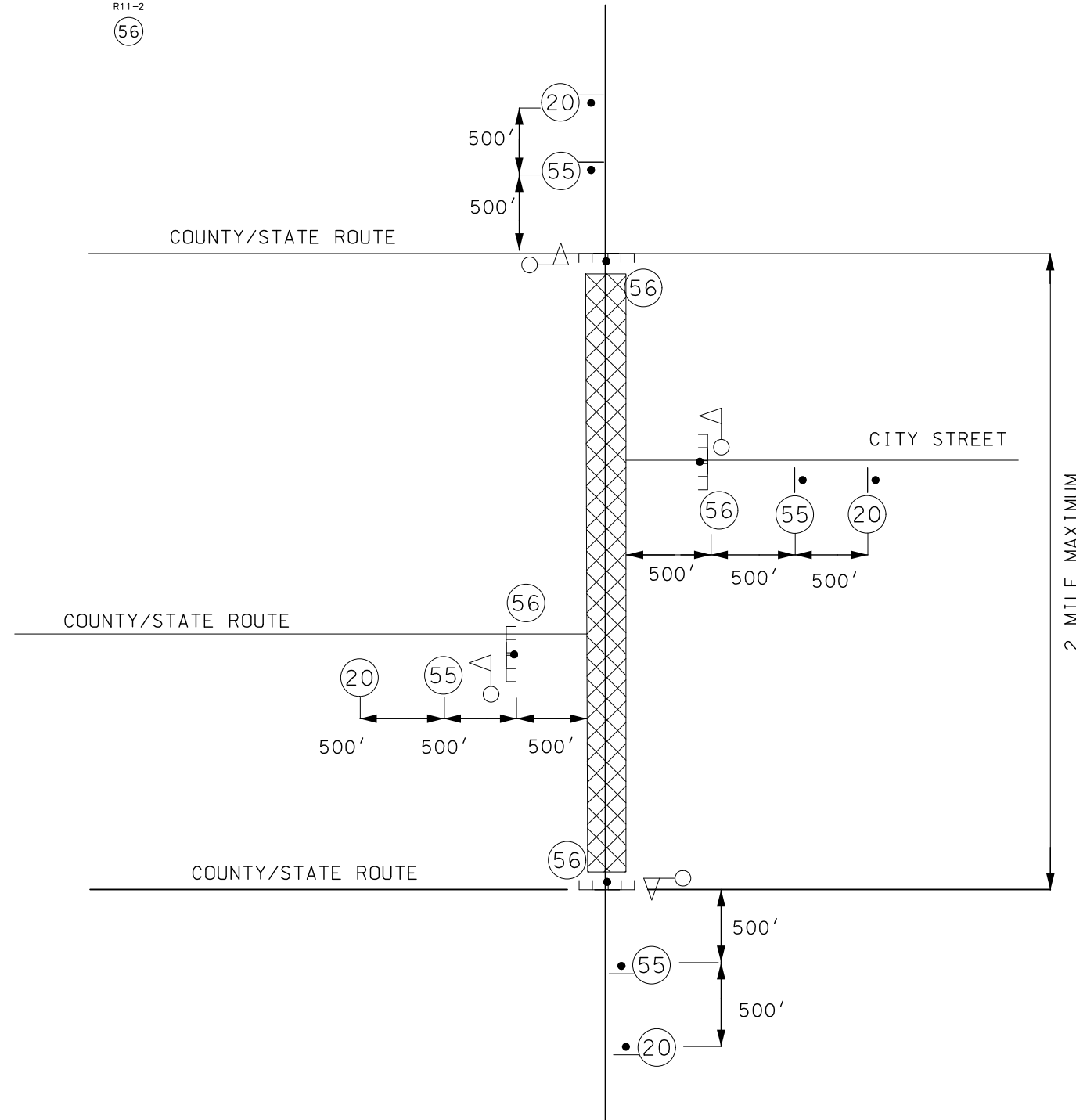
BEGINNING AND END OF PROJECT  
AT INTERSECTING ROUTE





TRAFFIC CONTROL LEGEND

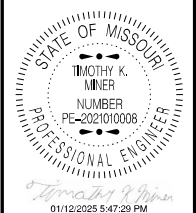
- = SIGN
- = FLAGGER
- = TYPE III MOVEABLE BARRICADE
- = WORK AREA



NOTE: THIS SHEET IS SUPPLEMENTAL TO STANDARD PLAN 616.20

NOT TO SCALE

TRAFFIC CONTROL  
SHEET 1 OF 1



DATE PREPARED  
1/12/2025

ROUTE UU	STATE MO
DISTRICT NW	SHEET NO. 5

COUNTY  
CHARITON

JOB NO.  
JST0131

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)

REV.