MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

PLANS FOR PROPOSED
STATE HIGHWAY

LAFAYETTE/SALINE COUNTY

DESIGN DESIGNATION

A.A.D.T. - 2024 = 1819
A.A.D.T. - 2044 = 2457
D.H.V. = 328
T = 8.2%
V = 60 M.P.H.

FUNCTIONAL CLASSIFICATION-MINOR ARTERIAL

NO RIGHT OF WAY WILL BE ACQUIRED FOR THIS PROJECT

KEY MAP
LOCATION OF LAFAYETTE/SALINE COUNTY

LOG MILE START 11.771 EB

JOB NO. JKR0079
FULL DEPTH PAVEMENT REPAIR

LOG MILE END 23.841 EB

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	SAN	
FIRE HYDRANT	HYD	
WATER VALVE	WV	
WATER METER	WM	
DROP INLET	DI	
DITCH BLOCK		
GROUND MOUNTED SIGN	SIGN	
LIGHT POLE		
H-FRAME POWER POLE		
TELEPHONE PEDESTAL	PED	
FENCE		
CHAIN LINK	V	
WOVEN WIRE	X	
GATE POST		
BENCHMARK	BM	

NOTE: DASHED OR OPEN SYMBOLS INDICATE EXISTING FEATURES

INDEX OF SHEETS

DESCRIPTION	SHEET NUMBER
TITLE SHEET	1
TYPICAL SECTIONS (TS)	2
QUANTITIES (QU) (21 SHEETS)	3
TRAFFIC CONTROL SHEETS (TC)	4-8

LENGTH OF PROJECT

BEGINNING OF PROJECT LOG MILE 11.771 EB
END OF PROJECT LOG MILE 23.841 EB

APPARENT LENGTH 63729.60 FEET

EQUATIONS AND EXCEPTIONS:

TOTAL CORRECTIONS 0 FEET
NET LENGTH OF PROJECT 63729.60 FEET
STATE LENGTH 12.07 MILES

FOR INFORMATION ONLY
ESTIMATED DISTURBED ACRES 0 ACRES

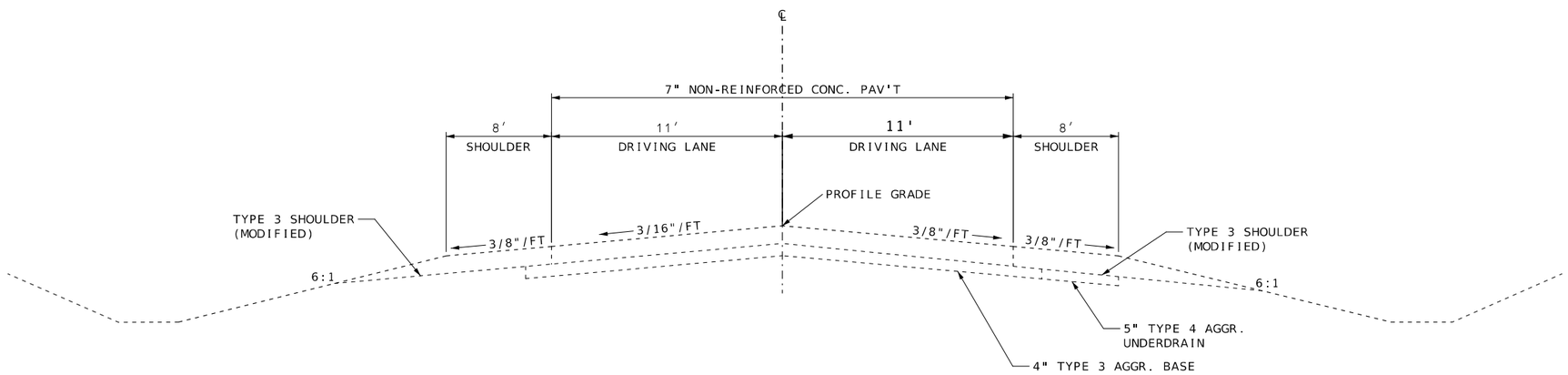
STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
08/20/2025 2:11:12 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED	
8/20/2025	
ROUTE 20	STATE MO
DISTRICT KC	SHEET NO. 1
COUNTY LAFAYETTE	
JOB NO. JKR0079	
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)

50N 24W



EXISTING TYPICAL SECTION MO 20
STA 11.771 EB TO STA 23.841 EB

NOTE: FULL DEPTH PAVEMENT REPAIRS SHOULD BE MADE ACCORDING TO THE SPECIFICATIONS AND STANDARD PLAN 613.00.

TYPICAL SECTION
SHEET 1 OF 1

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER

07/28/2025 11:25:15 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED	
7/25/2025	
ROUTE	STATE
20	MO
DISTRICT	SHEET NO.
KC	2
COUNTY	
LAFAYETTE	
JOB NO.	
JKR0079	
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)

FULL DEPTH PAVEMENT REPAIR

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE CONCRETE	SUBGRADE COMPACTION	4" TYPE DIR OR 5 AGGREGATE BASE	DOWEL BARS	DOWEL BARS WITH BASKETS	TIE BARS	DOWEL BAR RETROFIT	REMARKS	REMARKS
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
WB	7.966														BEGIN CONCRETE
WB	7.971		6	11	7.3	28	7.3	0.73	0.73	20					
WB	7.984				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.016		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.032				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.045				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.056		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.067		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.085				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.107		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	8.125				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.158		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.175				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.181		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.187				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.192		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.214				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.243				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.260				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.276				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.281				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.311		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.316				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.327				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.343		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.377				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.396				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.417				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.420		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.438				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.448		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.454		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	8.476				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.483				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.489		20	11	24.4	75	24.4	2.44	2.44	20					
WB	8.518				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.565				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.595				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.638		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.667		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.681		12	11	14.7	45	14.7	1.47	1.47	20					
WB	8.686		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.691		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.695		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.712		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.718		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	8.876		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.880				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.911														ECHO AVE.
WB	8.924				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.934		6	11	7.3	28	7.3	0.73	0.73	20					
WB	8.945				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	8.956				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.081				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.091				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.121				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.126				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.166		6	11	7.3	28	7.3	0.73	0.73	20					
WB	9.170				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.175		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	9.183				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.199				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:25:42 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
JKR0079

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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE	SUBGRADE	4" TYPE 1 OR 5	DOWEL BARS	DOWEL BARS	TIE BARS	DOWEL BAR	REMARKS	REMARKS
							CONCRETE	COMPACTION	AGGREGATE BASE		WITH BASKETS		RETROFIT		
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
WB	9.203				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.220				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.240				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.416														CL ROUTE EE NORTH
WB	9.419				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.442		20	11	24.4	75	24.4	2.44	2.44	20					
WB	9.475				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.544				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.575				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.577				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.596		6	11	7.3	28	7.3	0.73	0.73	20					
WB	9.599		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	9.617				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.634				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.650		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	9.661				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.664				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.667				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.684		15	11	18.3	59	18.3	1.83	1.83	20					
WB	9.714		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	9.746				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.748		6	11	7.3	28	7.3	0.73	0.73	20					
WB	9.751		6	11	7.3	28	7.3	0.73	0.73	20					
WB	9.764		6	11	7.3	28	7.3	0.73	0.73	20					
WB	9.773				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.790				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.808		10	11	12.2	43	12.2	1.22	1.22	20					
WB	9.813				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.829				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.833				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.890					0									DOVE AVENUE
WB	9.899		10	11	12.2	43	12.2	1.22	1.22	20					EXISTING PATCH
WB	9.907		6	11	7.3	28	7.3	0.73	0.73	20					
WB	9.927		6	11	7.3	28	7.3	0.73	0.73	20					
WB	9.961				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.977				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	9.994				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.000				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.034		10	11	12.2	43	12.2	1.22	1.22	20					
WB	10.074		10	11	12.2	43	12.2	1.22	1.22	20					
WB	10.081		6	11	7.3	28	7.3	0.73	0.73	20					
WB	10.093				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.119				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.141		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	10.168		6	11	7.3	28	7.3	0.73	0.73	20					
WB	10.235		6	11	7.3	28	7.3	0.73	0.73	20					
WB	10.255				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.272				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.277		6	11	7.3	28	7.3	0.73	0.73	20					
WB	10.283				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.299				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.340		6	11	7.3	28	7.3	0.73	0.73	20					
WB	10.369		6	11	7.3	28	7.3	0.73	0.73	20					
WB	10.375				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.404		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	10.440		6	11	7.3	28	7.3	0.73	0.73	20					
WB	10.469				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.484		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	10.513				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.524				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.540		6	11	7.3	28	7.3	0.73	0.73	20					
WB	10.552		30	11	36.7	96	36.7	3.67	3.67	20	10	10			

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:26:12 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
JKR0079

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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE CONCRETE	SUBGRADE COMPACTION	4" TYPE 1 OR 5 AGGREGATE BASE	DOWEL BARS	DOWEL BARS WITH BASKETS	TIE BARS	DOWEL BAR RETROFIT	REMARKS	REMARKS
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
WB	10.610		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	10.674		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
WB	10.769				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.795				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.801				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.832				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.848				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.881		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	10.934		6	11	7.3	28	7.3	0.73	0.73	20					
WB	10.938		6	11	7.3	28	7.3	0.73	0.73	20					
WB	10.943				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.959				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	10.998		8	11	9.8	41	9.8	0.98	0.98	20					EXISTING PATCH
WB	11.016				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.073				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.087		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	11.104				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.129				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.133				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.139		6	11	7.3	28	7.3	0.73	0.73	20					
WB	11.141				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.170		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	11.172				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.177				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.195		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	11.198				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.209		6	11	7.3	28	7.3	0.73	0.73	20					
WB	11.223				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.228		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	11.239		6	11	7.3	28	7.3	0.73	0.73	20					
WB	11.259				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.286				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.314		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	11.375		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
WB	11.383				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.387				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.392				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.399				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.404				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.413		45	11	55.0	144	55.0	5.50	5.50	20	20	15			
WB	11.421				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.427		25	11	30.6	91	30.6	3.06	3.06	20					
WB	11.444				0.0	0	0.0	0.00	0.00	0					
WB	11.448		6	11	7.3	28	7.3	0.73	0.73	20					
WB	11.454		6	11	7.3	28	7.3	0.73	0.73	20					
WB	11.515				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.544		12	11	14.7	45	14.7	1.47	1.47	20					
WB	11.551				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.617		30	5.5	18.3	63	18.3	1.83	1.83	10	5	10			
WB	11.633		24	11	29.3	79	29.3	2.93	2.93	20					
WB	11.665				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.671				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.687				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.716		6	11	7.3	28	7.3	0.73	0.73	20					
WB	11.725				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.727				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.733				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.744		80	11	97.8	245	97.8	9.78	9.78	20	40	25			
WB	11.757				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.760				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.770				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	11.801		18	11	22.0	62	22.0	2.20	2.20	20					EXISTING PATCH

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:26:35 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE 20 | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY LAFAYETTE
JOB NO. JKR0079
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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE CONCRETE	SUBGRADE COMPACTION	4" TYPE 1 OR 5 AGGREGATE BASE	DOWEL BARS	DOWEL BARS WITH BASKETS	TIE BARS	DOWEL BAR RETROFIT	REMARKS	REMARKS
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
WB	11.881		6	11	7.3	28	7.3	0.73	0.73	20					CL ROUTE 127 NORTH
WB	12.018		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.024				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.029				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.034				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.040				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.046				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.051		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	12.062				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.074		50	11	61.1	160	61.1	6.11	6.11	20	20	15			
WB	12.090		15	11	18.3	59	18.3	1.83	1.83	20					
WB	12.143		10	11	12.2	43	12.2	1.22	1.22	20					
WB	12.200		65	11	79.4	197	79.4	7.94	7.94	20	30	20			
WB	12.330		10	11	12.2	43	12.2	1.22	1.22	20					
WB	12.356		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.442		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.455		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.476		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
WB	12.489		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.493		12	11	14.7	45	14.7	1.47	1.47	20					
WB	12.500				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.512				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.521				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.530				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.541				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.559		20	11	24.4	75	24.4	2.44	2.44	20					EXISTING PATCH
WB	12.629				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.653				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.707				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.711				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.715				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.726				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.733				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.743		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	12.749		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.766		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.783		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.795		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.828		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	12.834		18	11	22.0	62	22.0	2.20	2.20	20					
WB	12.859		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
WB	12.875		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	12.880					0									CL ROUTE 127 SOUTH
WB	12.881		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.886		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	12.903		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.908		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.919				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	12.930		25	11	30.6	91	30.6	3.06	3.06	20					
WB	12.970		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.975		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.987		6	11	7.3	28	7.3	0.73	0.73	20					
WB	12.995				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.007		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	13.011				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.017				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.022				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.030		6	11	7.3	28	7.3	0.73	0.73	20					EXISTING PATCH
WB	13.066		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.080		18	11	22.0	62	22.0	2.20	2.20	20					
WB	13.100				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.112				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:27:03 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
JKR0079

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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE	SUBGRADE	4" TYPE 1 OR 5	DOWEL BARS	DOWEL BARS	TIE BARS	DOWEL BAR	REMARKS	REMARKS
							CONCRETE	COMPACTION	AGGREGATE BASE		WITH BASKETS		RETROFIT		
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
WB	13.123		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.133		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.137		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.161		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.176				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.180				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.185				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.216				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.219		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.232				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.236				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.266				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.312		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.338		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	13.376					0									CL BROAD AVENUE
WB	13.409		40	11	48.9	128	48.9	4.89	4.89	20	20	15			
WB	13.476		15	11	18.3	59	18.3	1.83	1.83	20					
WB	13.530		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.564				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.582				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.660		40	11	48.9	128	48.9	4.89	4.89	20	20	15			
WB	13.712		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.767				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.793				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.801				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.805		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.831		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.858		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.892		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.895				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.960				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	13.963		6	11	7.3	28	7.3	0.73	0.73	20					
WB	13.994		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.028				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.059		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.116		40	11	48.9	128	48.9	4.89	4.89	20	20	15			
WB	14.143		8	11	9.8	41	9.8	0.98	0.98	20					
WB	14.153				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.171				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.175				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.205		40	11	48.9	128	48.9	4.89	4.89	20	20	15			
WB	14.234		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.244				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.265		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	14.289		15	11	18.3	59	18.3	1.83	1.83	20					
WB	14.305		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.343				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.356		40	11	48.9	128	48.9	4.89	4.89	20	20	15			
WB	14.377		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.390		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.396		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.403				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.408				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.413				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.418				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.427				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.430		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.455		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.507		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.532		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	14.538				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.541		6	11	7.3	28	7.3	0.73	0.73	20					

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
6/28/2025 11:27:29 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
JKR0079

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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE	SUBGRADE	4" TYPE 1 OR 5	DOWEL BARS	DOWEL BARS	TIE BARS	DOWEL BAR	REMARKS	REMARKS
							CONCRETE	COMPACTION	AGGREGATE BASE		WITH BASKETS		RETROFIT		
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
WB	14.559				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.570		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.595		8	11	9.8	41	9.8	0.98	0.98	20					
WB	14.606		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.608				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.611		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.615				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.619				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.620				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.624				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.654				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.745		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.770		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.796				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.801				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.825		12	11	14.7	45	14.7	1.47	1.47	20					
WB	14.858		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.864		6	11	7.3	28	7.3	0.73	0.73	20					
WB	14.890		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
WB	14.916				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.927		45	11	55.0	144	55.0	5.50	5.50	20	20	15			
WB	14.978				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	14.988				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.018		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	15.033				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.046				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.057				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.070		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.095				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.105		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.112		14	11	17.1	58	17.1	1.71	1.71	20					
WB	15.124				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.127		20	11	24.4	75	24.4	2.44	2.44	20					
WB	15.150		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.193		32	11	39.1	109	39.1	3.91	3.91	20	10	10			
WB	15.228		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.281		22	11	26.9	77	26.9	2.69	2.69	20					
WB	15.306				0.0	0	0.0	0.00	0.00	6			6	DOWEL BAR RETROFIT	
WB	15.325				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.343		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.349		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.375				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.380		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.386				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.396				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.430		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.505				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.520		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
WB	15.533				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.621		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.637				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.638														CL ROUTE BB
WB	15.640		12	11	14.7	45	14.7	1.47	1.47	20					
WB	15.653				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.658		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	15.664				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.676				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.703		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.708		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	15.743		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.759		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	15.790		6	11	7.3	28	7.3	0.73	0.73	20					

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:27:51 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
JKR0079

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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE CONCRETE	SUBGRADE COMPACTION	4" TYPE 1 OR 5 AGGREGATE BASE	DOWEL BARS	DOWEL BARS WITH BASKETS	TIE BARS	DOWEL BAR RETROFIT	REMARKS	REMARKS
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
WB	15.824				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.840		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.851		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.875		6	11	7.3	28	7.3	0.73	0.73	20					
WB	15.903		40	11	48.9	128	48.9	4.89	4.89	20	20	15			
WB	15.927		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
WB	15.950				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	15.972		40	11	48.9	128	48.9	4.89	4.89	20	20	15			EXISTING PATCH
WB	15.998		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.023				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	16.046				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	16.056		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.076		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.084				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	16.091				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	16.116		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.119		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.147		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.170		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.189		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.201		10	11	12.2	43	12.2	1.22	1.22	20					
WB	16.210				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	16.269		8	11	9.8	41	9.8	0.98	0.98	20					
WB	16.316		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	16.370		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.394		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.422		18	11	22.0	62	22.0	2.20	2.20	20					EXISTING PATCH
WB	16.445		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.509		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.512				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	16.521		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.570		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.589		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.632		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.636				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	16.554		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.598				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	16.660		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.710		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.740		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	16.787				0.0	0	0.0	0.00	0.00	0					
WB	16.823				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	16.842		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.848		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.853		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.859		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.875				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	16.881		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.887		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.896		6	11	7.3	28	7.3	0.73	0.73	20					
WB	16.928					0									LAFAYETTE CO. LINE
WB	17.099		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
WB	17.140		10	11	12.2	43	12.2	1.22	1.22	20					
WB	17.162		90	11	110.0	266	110.0	11.00	11.00	20	50	30			
WB	17.222		90	11	110.0	266	110.0	11.00	11.00	20	50	30			EXISTING PATCH
WB	17.250		30	11	36.7	96	36.7	3.67	3.67	20	10	10			EXISTING PATCH
WB	17.284		6	11	7.3	28	7.3	0.73	0.73	20					
WB	17.345		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
WB	17.357		6	11	7.3	28	7.3	0.73	0.73	20					
WB	17.426					0									LITER ROAD
WB	17.432		6	11	7.3	28	7.3	0.73	0.73	20					
WB	17.434		6	11	7.3	28	7.3	0.73	0.73	20					

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:28:19 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
JKR0079

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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE CONCRETE	SUBGRADE COMPACTION	4" TYPE 1 OR 5 AGGREGATE BASE	DOWEL BARS	DOWEL BARS WITH BASKETS	TIE BARS	DOWEL BAR RETROFIT	REMARKS	REMARKS
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
WB	17.451		8	11	9.8	41	9.8	0.98	0.98	20					
WB	17.465		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	17.486		18	11	22.0	62	22.0	2.20	2.20	20					
WB	17.505		8	11	9.8	41	9.8	0.98	0.98	20					
WB	17.523		6	11	7.3	28	7.3	0.73	0.73	20					
WB	17.528				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	17.550		6	11	7.3	28	7.3	0.73	0.73	20					
WB	17.556		16	11	19.6	60	19.6	1.96	1.96	20					
WB	17.561		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	17.584		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	17.600		45	11	55.0	144	55.0	5.50	5.50	20	20	15			
WB	17.671		40	11	48.9	128	48.9	4.89	4.89	20	20	15			
WB	17.683					0									SALT FORK ROAD
WB	16.957		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	17.132				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	17.279		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	17.290		6	11	7.3	28	7.3	0.73	0.73	20					
WB	17.483				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	17.501				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	17.628		8	11	9.8	41	9.8	0.98	0.98	20					
WB	17.659				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	17.709		45	11	55.0	144	55.0	5.50	5.50	20	20	15			
WB	17.719				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	17.731		25	11	30.6	91	30.6	3.06	3.06	20					
WB	17.750		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
WB	17.776		6	11	7.3	28	7.3	0.73	0.73	20					
WB	17.839		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	17.880		6	11	7.3	28	7.3	0.73	0.73	20					
WB	17.900		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	17.911				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	17.947		6	11	7.3	28	7.3	0.73	0.73	20					
WB	17.950				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	17.963		10	11	12.2	43	12.2	1.22	1.22	20					EXISTING PATCH
WB	17.986		6	11	7.3	28	7.3	0.73	0.73	20					
WB	17.996		6	11	7.3	28	7.3	0.73	0.73	20					
WB	18.020				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.027				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.035		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	18.081		25	11	30.6	91	30.6	3.06	3.06	20					
WB	18.110		6	11	7.3	28	7.3	0.73	0.73	20					
WB	18.120				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.130				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.142				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.149				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.189		6	11	7.3	28	7.3	0.73	0.73	20					
WB	18.194		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	18.225		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	18.243		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	18.252				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.262		40	11	48.9	128	48.9	4.89	4.89	20	20	15			
WB	18.293		6	11	7.3	28	7.3	0.73	0.73	20					
WB	18.354					0									CL R/R TRACKS
WB	18.412		6	11	7.3	28	7.3	0.73	0.73	20					
WB	18.430		6	11	7.3	28	7.3	0.73	0.73	20					
WB	18.454		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	18.465		10	11	12.2	43	12.2	1.22	1.22	20					
WB	18.484		15	11	18.3	59	18.3	1.83	1.83	20					
WB	18.546		6	11	7.3	28	7.3	0.73	0.73	20					
WB	18.569				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.587				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.603				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.617				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:28:40 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

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

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE CONCRETE	SUBGRADE COMPACTION	4" TYPE 1 OR 5 AGGREGATE BASE	DOWEL BARS	DOWEL BARS WITH BASKETS	TIE BARS	DOWEL BAR RETROFIT	REMARKS	REMARKS
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
WB	18.628				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.663		6	11	7.3	28	7.3	0.73	0.73	20					
WB	18.747				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.782		6	11	7.3	28	7.3	0.73	0.73	20					
WB	18.834		20	11	24.4	75	24.4	2.44	2.44	20					
WB	18.842				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.846		6	11	7.3	28	7.3	0.73	0.73	20					
WB	18.853		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	18.860				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.866		20	11	24.4	75	24.4	2.44	2.44	20				Bridge Approach	
WB	18.886		20	11	24.4	75	24.4	2.44	2.44	20				Bridge Approach	
WB	18.896				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.902				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.911				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	18.933		45	11	55.0	144	55.0	5.50	5.50	20	20	15			
WB	18.951					0									BARNETT ROAD
WB	18.969		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.025		10	11	12.2	43	12.2	1.22	1.22	20					
WB	19.041				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.069		35	11	42.8	112	42.8	4.28	4.28	20	10	10			
WB	19.098				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.109		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.121		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.160		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	19.196		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	19.238				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.259				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.275				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.348		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	19.370				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.376		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.387		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.392				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.409		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.438				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.460		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	19.529		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.562		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	19.602				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.619				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.664		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
WB	19.700				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.703		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.743		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	19.788		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
WB	19.485		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.860		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.882		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.896		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.901		6	11	7.3	28	7.3	0.73	0.73	20					
WB	19.906				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.910				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
WB	19.912					0									END CONCRETE
				SUB-TOTAL WB		17866	6141.7	614.2	614.2	6016	1365	1120	1398		

SUMMARY OF QUANTITIES

SHEET 9 OF 21

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER

07/28/2025 11:29:03 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE 20 | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY LAFAYETTE
JOB NO. JKR0079
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)

FULL DEPTH PAVEMENT REPAIR ROUTE 20 SALINE COUNTY

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE CONCRETE	SUBGRADE COMPACTION	4" TYPE DIR OR 5 AGGREGATE BASE	DOWEL BARS	DOWEL BARS WITH BASKETS	TIE BARS	DOWEL BAR RETROFIT	REMARKS	REMARKS
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
EB	11.843								EB						BEGIN CONCRETE
EB	11.847				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	11.852				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	11.857		6	11	7.3	28	7.3	0.73	0.73	20					
EB	11.861		6	11	7.3	28	7.3	0.73	0.73	20					
EB	11.870				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	11.874		6	11	7.3	28	7.3	0.73	0.73	20					
EB	11.895		6	11	7.3	28	7.3	0.73	0.73	20					
EB	11.907		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	11.924		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	11.964		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.010				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	12.049		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.055				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	12.088		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	12.133		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	12.151		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.190		22	11	26.9	77	26.9	2.69	2.69	20					
EB	12.217		72	11	88.0	215	88.0	8.80	8.80	20	50	25			
EB	12.247		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	12.292		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.314		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	12.338		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.343		22	11	26.9	77	26.9	2.69	2.69	20					
EB	12.354		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.365		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.371				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	12.376				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	12.382				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	12.388				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	12.393				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	12.403		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	12.473		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	12.495		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.516				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	12.566		15	11	18.3	59	18.3	1.83	1.83	20					
EB	12.593		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	12.600				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	12.633		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	12.647				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	12.684		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	12.696				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	12.708				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	12.713		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.728		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.742		12	11	14.7	45	14.7	1.47	1.47	20					
EB	12.847`		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.869		62	11	75.8	194	75.8	7.58	7.58	20	45	20			
EB	12.875		20	11	24.4	75	24.4	2.44	2.44	20				Bridge Approach	
EB	12.887		20	11	24.4	75	24.4	2.44	2.44	20				Bridge Approach	
EB	12.897		15	11	18.3	59	18.3	1.83	1.83	20					
EB	12.905		15	11	18.3	59	18.3	1.83	1.83	20					
EB	12.912		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.916		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.930		15	11	18.3	59	18.3	1.83	1.83	20					
EB	12.970		6	11	7.3	28	7.3	0.73	0.73	20					
EB	12.985		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	13.006				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.094		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.114		37	11	45.2	125	45.2	4.52	4.52	20	10	12			EXISTING PATCH
EB	13.127		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.131				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:29:29 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
JKR0079

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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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE	SUBGRADE	4" TYPE 1 OR 5	DOWEL BARS	DOWEL BARS	TIE BARS	DOWEL BAR	REMARKS	REMARKS
							CONCRETE	COMPACTION	AGGREGATE BASE		WITH BASKETS		RETROFIT		
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
EB	13.148				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.154		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.165				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.172				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.180				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.186				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.195				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.204		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.210				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.266		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	13.281		33	11	40.3	110	40.3	4.03	4.03	20	10	10			
EB	13.295		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.310		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.383						0.0							Railroad Tracks	
EB	13.408		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.457		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.483		40	11	48.9	128	48.9	4.89	4.89	20	20	15			
EB	13.503		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	13.521		30	11	36.7	96	36.7	3.67	3.67	20	10	10			EXISTING PATCH
EB	13.553		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.598				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.628				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.638		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.667		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.712		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.728				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.730				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.762		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.786		15	11	18.3	59	18.3	1.83	1.83	10					EXISTING PATCH
EB	13.800				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	13.837		6	11	7.3	28	7.3	0.73	0.73	20					
EB	13.849		15	11	18.3	59	18.3	1.83	1.83	20					
EB	13.910		16	11	19.6	60	19.6	1.96	1.96	20					EXISTING PATCH
EB	13.973		32	11	39.1	109	39.1	3.91	3.91	20	10	10			
EB	14.022		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	14.034				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	14.040		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.045		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.061		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.083		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.095				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	14.126		22	11	26.9	77	26.9	2.69	2.69	20					EXISTING PATCH
EB	14.152		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.169		15	11	18.3	59	18.3	1.83	1.83	20					
EB	14.191		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.198		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	14.203		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.225		12	11	14.7	45	14.7	1.47	1.47	20					EXISTING PATCH
EB	14.227				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	14.243		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.253		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.264		74	11	90.4	228	90.4	9.04	9.04	20	40	25			
EB	14.285		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	14.303		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	14.321		6	11	7.3	28	7.3	0.73	0.73	20					LITER ROAD
EB	14.425		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.456				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	14.462		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.473		22	11	26.9	77	26.9	2.69	2.69	20					EXISTING PATCH
EB	14.488		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.500		30	11	36.7	96	36.7	3.67	3.67	20	10	10			EXISTING PATCH
EB	14.535		6	11	7.3	28	7.3	0.73	0.73	20					

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:29:52 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

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ROUTE	STATE
20	MO

DISTRICT	SHEET NO.
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MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION
105 WEST CAPITOL
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DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE	SUBGRADE	4" TYPE 1 OR 5	DOWEL BARS	DOWEL BARS	TIE BARS	DOWEL BAR	REMARKS	REMARKS
							CONCRETE	COMPACTION	AGGREGATE BASE		WITH BASKETS		RETROFIT		
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
EB	14.555		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.567		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.586		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.621				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	14.630		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.659		52	11	63.6	162	63.6	6.36	6.36	20	20	15			EXISTING PATCH
EB	14.700		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.792		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.798		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.817		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.824				0.0	0	0.0	0.00		0					SALINE COUNTY LINE
EB	14.862		6	11	7.3	28	7.3	0.73		20					
EB	14.869		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.881				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	14.891		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.897		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.902		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.903				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	14.908		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.927		22	11	26.9	77	26.9	2.69	2.69	20					
EB	14.965				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	14.980		6	11	7.3	28	7.3	0.73	0.73	20					
EB	14.998		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.004		16	11	19.6	60	19.6	1.96	1.96	20					
EB	15.014		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.045				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	15.067		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.090		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.073		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.106		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.118		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.159				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	15.165		22	11	26.9	77	26.9	2.69	2.69	20					
EB	15.176		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.197		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.242		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.259		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.304		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.324		35	11	42.8	112	42.8	4.28	4.28	20	10	10			
EB	15.356		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.380				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	15.481		10	11	12.2	43	12.2	1.22	1.22	20					
EB	15.538				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	15.463		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.552		15	11	18.3	59	18.3	1.83	1.83	20					
EB	15.583		21	11	25.7	76	25.7	2.57	2.57	20					EXISTING PATCH
EB	15.604		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.632		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.634		10	11	12.2	43	12.2	1.22	1.22	20					
EB	15.648				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	15.663		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.670				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	15.674		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.701		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.709		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	15.733				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	15.739				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	15.752		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	15.772		47	11	57.4	146	57.4	5.74	5.74	20	20	15			
EB	15.789				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	15.806		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.824		44	11	53.8	143	53.8	5.38	5.38	20	20	15			EXISTING PATCH

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:41:54 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
JKR0079

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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE	SUBGRADE	4" TYPE 1 OR 5	DOWEL BARS	DOWEL BARS	TIE BARS	DOWEL BAR	REMARKS	REMARKS
							CONCRETE	COMPACTION	AGGREGATE BASE		WITH BASKETS		RETROFIT		
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
EB	15.847		20	11	24.4	75	24.4	2.44	2.44	20					
EB	15.877		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	15.903				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	15.915		26	11	31.8	92	31.8	3.18	3.18	20	10	10			
EB	15.931				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	15.951		10	11	12.2	43	12.2	1.22	1.22	20					
EB	15.962		6	11	7.3	28	7.3	0.73	0.73	20					
EB	15.966				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	15.980		6	11	7.3	28	7.3	0.73	0.73	20			6	DOWEL BAR RETROFIT	
EB	15.991		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.010		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.018				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.025		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.044		17	11	20.8	61	20.8	2.08	2.08	20					EXISTING PATCH
EB	16.051		12	11	14.7	45	14.7	1.47	1.47	20					
EB	16.075		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.077				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.090				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.094		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.100				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.103		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.114		40	11	48.9	128	48.9	4.89	4.89	20	20	12			ROUTE BB
EB	16.130		25	11	30.6	91	30.6	3.06	3.06	20					
EB	16.220				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.230		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.237				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.249				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.276		15	11	18.3	59	18.3	1.83	1.83	20					EXISTING PATCH
EB	16.286				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.312		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.331		33	11	40.3	110	40.3	4.03	4.03	20	10	10			EXISTING PATCH
EB	16.356				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.360				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.366				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.371				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.408		10	11	12.2	43	12.2	1.22	1.22	20					
EB	16.428		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.444				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.471		33	11	40.3	110	40.3	4.03	4.03	20	10	10			
EB	16.493		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.504				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.544				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.555		34	11	41.6	111	41.6	4.16	4.16	20	10	10			
EB	16.586				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.592				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.601		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.625				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.637		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	16.640				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.655				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.682				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.706				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.716				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.733		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.763				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.765				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.774		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.778		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.824		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	16.829				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.831				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.835		6	11	7.3	28	7.3	0.73	0.73	20					

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER

07/28/2025 11:47:29 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE 20 | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY LAFAYETTE
JOB NO. JKR0079
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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE	SUBGRADE	4" TYPE 1 OR 5	DOWEL BARS	DOWEL BARS	TIE BARS	DOWEL BAR	REMARKS	REMARKS
							CONCRETE	COMPACTION	AGGREGATE BASE		WITH BASKETS		RETROFIT		
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
EB	16.861		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	16.887		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.894				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.920				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.926		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	16.936				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.945				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.953				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	16.955		6	11	7.3	28	7.3	0.73	0.73	20					
EB	16.980		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	17.005		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.067		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	17.094				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.098				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.110				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.125				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.134		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.149		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.152				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.158		20	11	24.4	75	24.4	2.44	2.44	20					
EB	17.160		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.165		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.171		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.176		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.185				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.191				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.216				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.219		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.277		47	11	57.4	146	57.4	5.74	5.74	20	20	15			
EB	17.295		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.319				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.332		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	17.335				0.0	0	0.0	0.00	0.00				6	DOWEL BAR RETROFIT	
EB	17.347				0.0	0	0.0	0.00	0.00				6	DOWEL BAR RETROFIT	
EB	17.355		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.361				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.412				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.423				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.434				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.436				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.445		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	17.453		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.461		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.486		20	11	24.4	75	24.4	2.44	2.44	20					
EB	17.506		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.516		8	11	9.8	41	9.8	0.98	0.98	20					
EB	17.538		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.585				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.589		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.603				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.608		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	17.643				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.714		10	11	12.2	43	12.2	1.22	1.22	20					
EB	17.721				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.754		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.792		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.795		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.842		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.860		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.894		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.923		6	11	7.3	28	7.3	0.73	0.73	20					
EB	17.948				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:47:51 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
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BRIDGE NO.

DESCRIPTION	DATE

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

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE	SUBGRADE	4" TYPE 1 OR 5	DOWEL BARS	DOWEL BARS	TIE BARS	DOWEL BAR	REMARKS	REMARKS
							CONCRETE	COMPACTION	AGGREGATE BASE		WITH BASKETS		RETROFIT		
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
EB	17.959				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.982				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	17.988				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.022				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.058		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.097		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	18.133		15	11	18.3	59	18.3	1.83	1.83	20					
EB	18.169				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.190				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.220		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.275		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.279		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.285		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.310		40	11	48.9	128	48.9	4.89	4.89	20	20	12			
EB	18.338		50	11	61.1	160	61.1	6.11	6.11	20	30	18			
EB	18.483		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.532		15	11	18.3	59	18.3	1.83	1.83	20					
EB	18.568				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.574				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.577				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.593		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.618		52	11	63.6	162	63.6	6.36	6.36	20	30	18			
EB	18.625		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	18.640		16	11	19.6	60	19.6	1.96	1.96	20					
EB	18.646		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.659				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.665				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.674		12	11	14.7	45	14.7	1.47	1.47	20					
EB	18.691				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.733				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.735		80	11	97.8	245	97.8	9.78	9.78	20	50	27			
EB	18.741		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	18.763				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.767				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.775				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.780		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.820		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.830				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.842				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.847				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.867		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.869				0.0	0	0.0	0.00		0					ROUTE 127 SOUTH
EB	18.875				0.0	0	0.0	0.00	0.73	0			6	DOWEL BAR RETROFIT	
EB	18.876				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.895		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.898		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.915		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	18.920				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.926				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.942		19	11	23.2	74	23.2	2.32	2.32	20					
EB	18.956		20	11	24.4	75	24.4	2.44	2.44	20					
EB	18.958				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	18.968		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.984		6	11	7.3	28	7.3	0.73	0.73	20					
EB	18.996		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.002		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.004		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.007		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.009		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.012		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.018		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.024		10	11	12.2	43	12.2	1.22	1.22	20					

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:48:17 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO
DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
JKR0079

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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE CONCRETE	SUBGRADE COMPACTION	4" TYPE 1 OR 5 AGGREGATE BASE	DOWEL BARS	DOWEL BARS WITH BASKETS	TIE BARS	DOWEL BAR RETROFIT	REMARKS	REMARKS
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
EB	19.035		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.041		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.044				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.101				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.128		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.187		21	11	25.7	76	25.7	2.57	2.57	20					
EB	19.201		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.208		40	11	48.9	128	48.9	4.89	4.89	20	20	15			
EB	19.217		8	11	9.8	41	9.8	0.98	0.98	20					
EB	19.219		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.229		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.232		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.239		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.252		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.261		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.269		8	11	9.8	41	9.8	0.98	0.98	20					
EB	19.275		15	11	18.3	59	18.3	1.83	1.83	20					
EB	19.279		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.287				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.295				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.297		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.301		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.305		10	11	12.2	43	12.2	1.22	1.22	20					
EB	19.319				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.344		61	11	74.6	193	74.6	7.46	7.46	20	30	20			
EB	19.394				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.418		10	11	12.2	43	12.2	1.22	1.22	20					
EB	19.442				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.468		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	19.519		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	19.549		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	19.570				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.604		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.659		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.675		50	11	61.1	160	61.1	6.11	6.11	20	30	20			
EB	19.688		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.692		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.700		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.704				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.709				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.715				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.720				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.724				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.730				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.737		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.813		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	19.871				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.941		15	11	18.3	59	18.3	1.83	1.83	20					
EB	19.980		10	11	12.2	43	12.2	1.22	1.22	20					
EB	19.989				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	19.992		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.947		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.995		6	11	7.3	28	7.3	0.73	0.73	20					
EB	19.999		47	11	57.4	146	57.4	5.74	5.74	20	20	15			
EB	20.012		12	11	14.7	45	14.7	1.47	1.47	20					
EB	20.014		12	11	14.7	45	14.7	1.47	1.47	20					
EB	20.015		15	11	18.3	59	18.3	1.83	1.83	20					
EB	20.035		6	11	7.3	28	7.3	0.73	0.73	20					
EB	20.064				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.072		6	11	7.3	28	7.3	0.73	0.73	20					
EB	20.081				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.093		60	11	73.3	181	73.3	7.33	7.33	20	30	20			

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER

07/28/2025 11:49:01 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
JKR0079

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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE	SUBGRADE	4" TYPE 1 OR 5	DOWEL BARS	DOWEL BARS	TIE BARS	DOWEL BAR	REMARKS	REMARKS
							CONCRETE	COMPACTION	AGGREGATE BASE		WITH BASKETS		RETROFIT		
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
EB	20.167		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	20.197		25	11	30.6	91	30.6	3.06	3.06	20					
EB	20.209				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.239				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.284				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.295				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.300		15	11	18.3	59	18.3	1.83	1.83	20					
EB	20.313		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	20.322		6	11	7.3	28	7.3	0.73	0.73	20					
EB	20.334				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.345				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.355		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	20.367		6	11	7.3	28	7.3	0.73	0.73	20					
EB	20.375		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	20.415		6	11	7.3	28	7.3	0.73	0.73	20					
EB	20.438		6	11	7.3	28	7.3	0.73	0.73	20					
EB	20.465				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.498				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.514				0.0	0	0.0	0.00	0.00	6			6	DOWEL BAR RETROFIT	
EB	20.519		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	20.530				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.543		6	11	7.3	28	7.3	0.73	0.73	20					
EB	20.558		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	20.571		45	11	55.0	144	55.0	5.50	5.50	20	20	15			
EB	20.580		6	11	7.3	28	7.3	0.73	0.73	20					
EB	20.585		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	20.609				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.615		25	11	30.6	91	30.6	3.06	3.06	20					
EB	20.618				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.668				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.679				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.736				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.750		39	11	47.7	127	47.7	4.77	4.77	20	20	12			
EB	20.788				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	20.795		6	11	7.3	28	7.3	0.73	0.73	20					
EB	20.865		6	11	7.3	28	7.3	0.73	0.73	0			6	DOWEL BAR RETROFIT	
EB	20.898		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	20.916		6	11	7.3	28	7.3	0.73	0.73	0			6	DOWEL BAR RETROFIT	
EB	20.942		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	20.985				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.038				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.044				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.057		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	21.072				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.110				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.140				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.145				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.171		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.202		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.215				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.231				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.242		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.272		22	11	26.9	77	26.9	2.69	2.69	20					
EB	21.280				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.315		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.352		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	21.386		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	21.390				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.450				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.472		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.477				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.481				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:49:32 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
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CONTRACT ID.

PROJECT NO.

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DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE	SUBGRADE	4" TYPE 1 OR 5	DOWEL BARS	DOWEL BARS	TIE BARS	DOWEL BAR	REMARKS	REMARKS
							CONCRETE	COMPACTION	AGGREGATE BASE		WITH BASKETS		RETROFIT		
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
EB	21.495				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.499		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.521		32	11	39.1	109	39.1	3.91	3.91	20	10	10			
EB	21.586		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.613		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	21.636		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.648				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.660		10	11	12.2	43	12.2	1.22	1.22	20					
EB	21.665		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.675		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	21.740		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	21.753		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	21.759		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.776		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	21.792		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.810		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	21.830		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	21.840				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.847		30	11	36.7	96	36.7	3.67	3.67	20	10	10			EXISTING PATCH
EB	21.853				0.0	0	0.0	0.00	0.00	0					DOVE AVE.
EB	21.873		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.918				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.939		45	11	55.0	144	55.0	5.50	5.50	20	20	15			
EB	21.958		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.964				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.976				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	21.985		6	11	7.3	28	7.3	0.73	0.73	20					
EB	21.997				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.002				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.008				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.036				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.064		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	22.079				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.081				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.087				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.097				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.103		10	11	12.2	43	12.2	1.22	1.22	20					
EB	22.108		12	11	14.7	45	14.7	1.47	1.47	20					
EB	22.114		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.131		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	22.143				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.148		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.171		15	11	18.3	59	18.3	1.83	1.83	20					
EB	22.194				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.205				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.209				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.252		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.273		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.307				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.325		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.330				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.331				0.0	0	0.0	0.00		0					CL ROUTE EE NORTH
EB	22.366		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.377		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.517		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.528		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.545				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.549		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.567				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.573		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	22.579				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.584				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	

SUMMARY OF QUANTITIES

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:49:58 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
JKR0079

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)

DIR	LOG MILE	LANE	L	W	AREA	SAW CUTS	FURNISH/PLACE	SUBGRADE	4" TYPE 1 OR 5	DOWEL BARS	DOWEL BARS	TIE BARS	DOWEL BAR	REMARKS	REMARKS
							CONCRETE	COMPACTION	AGGREGATE BASE		WITH BASKETS		RETROFIT		
						L.F.	S.Y.	S.Y.	S.Y.	EACH	EACH	EACH	EACH		
EB	22.629				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.634				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.663		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.673		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.679		6	11	7.3	28	7.3	0.73	0.73	20					
EB	22.799				0.0	0	0.0	0.00	0.00	0				DOWEL BAR RETROFIT	
EB	22.810		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	22.822				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.831				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	22.841				0.0	0	0.0	0.00		0					CL ECHO AVE.
EB	22.878		45	11	55.0	144	55.0	5.50	5.50	20	20	15			
EB	22.925		60	11	73.3	181	73.3	7.33	7.33	20	30	20			
EB	22.949		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.036		20	11	24.4	75	24.4	2.44	2.44	20					
EB	23.043		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.053		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.059				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.064				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.070				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.078				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.087		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.119		15	11	18.3	59	18.3	1.83	1.83	20					
EB	23.150		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	23.165		6	11	7.3	28	7.3	0.73	0.73	0			6	DOWEL BAR RETROFIT	
EB	23.199		24	11	29.3	79	29.3	2.93	2.93	20					
EB	23.238				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.257		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.269				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.274				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.292				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.296		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.309				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.355		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.359				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.369				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.371				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.382		40	11	48.9	128	48.9	4.89	4.89	20	20	12			
EB	23.409		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.425				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.433				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.436		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.441		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.470				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.476		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	23.492		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.509				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.538				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.560		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.568				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.571		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.579		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.595		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.628		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.645		30	11	36.7	96	36.7	3.67	3.67	20	10	10			
EB	23.670		15	11	18.3	59	18.3	1.83	1.83	20					
EB	23.685		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.696		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.711				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.720		6	11	7.3	28	7.3	0.73	0.73	0			6	DOWEL BAR RETROFIT	
EB	23.736		6	11	7.3	28	7.3	0.73	0.73	20					
EB	23.777				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	23.781				0.0	0	0.0	0.00	0.00	0			6	DOWEL BAR RETROFIT	
EB	####				0.0	0	0.0	0.00		0					END OF CONCRETE
					SUB-TOTAL	22712	7753.80	775.4	775.4	7696	1705	1323	1368		

SUMMARY OF QUANTITIES

SHEET 19 OF 21

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER

07/28/2025 11:50:21 AM
JODIE LYNN PUHR , CIVIL
MO-PE-2014000073

DATE PREPARED
7/25/2025

ROUTE	STATE
20	MO

DISTRICT	SHEET NO.
KC	3

COUNTY
LAFAYETTE

JOB NO.
JKR0079

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)

FULL DEPTH PAVEMENT REPAIR TOTAL

LOCATION	SAW CUT LF	FURNISHING AND PLACING CONC. MAT'L FULL DEPTH SY	SUBGRADE COPMACTION	4" TYPE 1 OR TYPE 5 AGG BASE SY	DOWEL BARS EA	DOWEL BARS WITH BASKETS EA	TIE BARS EA	DOWEL BAR RETROFIT EA	COMMENTS
MO 20 WB SUBTOTAL 1	17,866	6,142	614	614	6,016	1,365	1,120	1,398	
MO 20 EB SUBTOTAL 2	22,712	7,754	775	775	7,696	1,705	1,323	1,368	
TOTAL	40,578	13,895.5	1,390	1,390	13,712	3,070	2,443	2,766	

PAVEMENT MARKING MO 20

LOG MILE START	LOG MILE END	WHITE	YELLOW	4" WHTIE CLASS 1 18-MIL,TYPE P BEADS LF	4" YELLOW CLASS 1 18-MIL, TYPE P BEADS LF
11.771	12.318	2	1.5	5,776.32	4,332.24
12.318	12.478	2	2	1,689.60	1,689.60
12.478	12.578	2	1.5	1,056.00	792.00
12.578	13.178	2	0.5	6,336.00	1,584.00
13.178	13.419	2	1.5	2,544.96	1,908.72
13.419	13.698	2	2	2,946.24	2,946.24
13.698	13.818	2	1.5	1,267.20	950.40
13.818	14.178	2	0.5	3,801.60	950.40
14.178	14.257	2	1.5	834.24	625.68
14.257	14.437	2	2	1,900.80	1,900.80
14.437	14.557	2	1.5	1,267.20	950.40
14.557	14.758	2	0.5	2,122.56	530.64
14.758	14.818	2	1.5	633.60	475.20
14.818	14.918	2	2	1,056.00	1,056.00
14.918	15.019	2	1.5	1,066.56	799.92
15.019	15.359	2	0.5	3,590.40	897.60
15.359	15.498	2	1.5	1,467.84	1,100.88
15.498	15.658	2	2	1,689.60	1,689.60
15.658	15.798	2	1.5	1,478.40	1,108.80
15.798	20.196	2	0.5	46,442.88	11,610.72
20.196	20.336	2	1.5	1,478.40	1,108.80
20.336	20.416	2	2	844.80	844.80
20.416	20.576	2	1.5	1,689.60	1,267.20
20.576	20.957	2	0.5	4,023.36	1,005.84
20.957	20.997	2	2	422.40	422.40
20.997	21.057	2	1.5	633.60	475.20
21.057	21.177	2	2	1,267.20	1,267.20
21.177	21.297	2	1.5	1,267.20	950.40
21.297	23.841	2	0.5	26,864.64	6,716.16
			TOTAL	127,459.00	51,958.00

MOBLIZATION
1 LUMP SUM

*NOTE: LOG MILES ARE BASED ON MILE MARKERS.

SUMMARY OF QUANTITIES
SHEET 20 OF 21

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:50:47 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED 7/25/2025
ROUTE 20 | STATE MO
DISTRICT KC | SHEET NO. 3
COUNTY LAFAYETTE
JOB NO. JKR0079
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)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL AREA SQ.FT.	QTY RELOC EACH	TOTAL RELOC SQ.FT.	SIGN NUM.	DESCRIPTION
WARNING SIGNS								
WO1-1L	48X48	16.00						TURN (SYMBOL LEFT)
WO1-1R	48X48	16.00						TURN (SYMBOL RIGHT)
WO1-2L	48X48	16.00						CURVE (SYMBOL LEFT)
WO1-2R	48X48	16.00						CURVE (SYMBOL RIGHT)
WO1-3L	48X48	16.00						REVERSE TURN (SYMBOL LEFT)
WO1-3R	48X48	16.00						REVERSE TURN (SYMBOL RIGHT)
WO1-4L	48X48	16.00						REVERSE CURVE (SYMBOL LEFT)
WO1-4R	48X48	16.00						REVERSE CURVE (SYMBOL RIGHT)
WO1-4bL	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4bR	48X48	16.00						DOUBLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-4cL	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL LEFT)
WO1-4cR	48X48	16.00						TRIPLE ARROW REVERSE CURVE (SYMBOL RIGHT)
WO1-6	60X30	12.50						HORIZONTAL ARROW (SYMBOL)
WO1-6a	72X36	18.00						HORIZ. ARROW (SYMBOL ON PERMANENT BARRICADE)
WO1-7	60X30	12.50						DOUBLE HEAD HORIZONTAL ARROW (SYMBOL)
WO1-7a	72X36	18.00						DOUBLE HEAD HORIZ. ARROW (SYMBOL ON PERM. BARR.)
WO1-8	18X24	3.00						CHEVRON (SYMBOL)
WO1-8a	30X36	7.50						CHEVRON (SYMBOL FOR DIVIDED HIGHWAYS)
WO3-1	48X48	16.00						STOP AHEAD (SYMBOL)
WO3-2	48X48	16.00						YIELD AHEAD (SYMBOL)
WO3-3	48X48	16.00						SIGNAL AHEAD (SYMBOL)
WO3-4	48X48	16.00						BE PREPARED TO STOP
WO3-5	48X48	16.00						SPEED LIMIT AHEAD
WO4-1L	48X48	16.00						MERGE (SYMBOL FROM LEFT)
WO4-1R	48X48	16.00						MERGE (SYMBOL FROM RIGHT)
WO4-1aL	48X48	16.00						MERGE (LEFT)
WO4-1aR	48X48	16.00						MERGE (RIGHT)
WO5-1	48X48	16.00						ROAD/BRIDGE/RAMP NARROWS
WO5-3	48X48	16.00						ONE LANE BRIDGE
WO5-5	48X48	16.00						NARROW LANES
WO6-1	48X48	16.00						DIVIDED HIGHWAY (SYMBOL)
WO6-2	48X48	16.00						DIVIDED HIGHWAY END (SYMBOL)
WO6-3	48X48	16.00						TWO WAY TRAFFIC (SYMBOL)
WO7-3a	30X24	5.00						NEXT XX MILES (PLAQUE)
WO8-1	48X48	16.00						BUMP
WO8-2	48X48	16.00						DIP
WO8-3	48X48	16.00						PAVEMENT ENDS
WO8-4	48X48	16.00						SOFT SHOULDER
WO8-5	48X48	16.00						SLIPPERY WHEN WET (SYMBOL)
WO8-6	48X48	16.00						TRUCK CROSSING
WO8-6c	48X48	16.00						TRUCK ENTRANCE
WO8-7	36X36	9.00						LOOSE GRAVEL
WO8-7a	36X36	9.00						FRESH OIL / LOOSE GRAVEL
WO8-9	48X48	16.00						LOW SHOULDER
WO8-11	48X48	16.00	6	96.00				UNEVEN LANES
WO8-12	48X48	16.00	6	96.00				NO CENTER LINE
WO8-15	48X48	16.00						GROOVED PAVEMENT
WO8-15P	30X24	5.00						MOTORCYCLE (PLAQUE)
WO8-17L	48X48	16.00						SHOULDER DROP-OFF (SYMBOL LEFT)
WO8-17R	48X48	16.00						SHOULDER DROP-OFF (SYMBOL RIGHT)
WO8-17P	30X24	5.00						SHOULDER DROP-OFF (PLAQUE)
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	4	64.00				ROAD/BRIDGE/RAMP WORK AHEAD
WO20-2	48X48	16.00						DETOUR AHEAD
WO20-3	48X48	16.00						ROAD CLOSED AHEAD
WO20-4	48X48	16.00	4	64.00				ONE LANE ROAD AHEAD
WO20-5	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED AHEAD
WO20-5a	48X48	16.00						2 RIGHT/CENTER/LEFT LANES CLOSED AHEAD
WO20-6a	48X48	16.00						RIGHT/CENTER/LEFT LANE CLOSED
WO20-7a	48X48	16.00	4	64.00				FLAGGER (SYMBOL)
WO21-2	36X36	9.00						FRESH OIL
WO21-5	48X48	16.00						SHOULDER WORK / SHOULDER WORK AHEAD
WO22-1	48X48	16.00						BLASTING ZONE AHEAD
WO22-2	42X36	10.50						TURN OFF 2-WAY RADIO AND PHONE
WO22-3	42X36	10.50						END BLASTING ZONE
GO22-1	21X15	2.19						WET PAINT (ARROW PIVOTS)

SIGN	SIZE IN.	AREA SQ.FT.	QTY EACH	TOTAL 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						EXIT CLOSED
GO20-1	60X24	10.00	2	20.00				ROAD WORK NEXT XX MILES
GO20-2	48X24	8.00	2	16.00				END ROAD WORK
GO20-4	36X18	4.50						PILOT CAR FOLLOW ME
GO20-4a	24X18	8.75	1	8.75				PILOT CAR IN USE WAIT & FOLLOW
GO20-4a	18X12	1.50	4	6.00				PILOT CAR IN USE WAIT & FOLLOW
GO20-5aP	36X24	6.00						WORK ZONE (PLAQUE)
MO4-8a	24X18	3.00						END DETOUR
MO4-9L	48X36	12.00						DETOUR (LEFT)
MO4-9R	48X36	12.00						DETOUR (RIGHT)
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	48TRI.	6.93						YIELD
R1-2a	36X36	9.00						TO ONCOMING TRAFFIC (PLAQUE)
R1-3P	30X12	2.50						ALL WAY (PLAQUE)
R2-1	36X48	12.00						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
R4-7a	36X48	12.00						KEEP RIGHT (HORIZONTAL ARROW)
R4-8a	36X48	12.00						KEEP LEFT (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 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						POINT OF PRESENCE
CONST-7	48X24	8.00						RATE OUR WORK ZONE
CONST-8	48X36	12.00	2	24.00				WORK ZONE NO PHONE ZONE

616-10.05 CONSTRUCTION SIGNS	TOTAL	459
616-10.10 RELOCATED SIGNS	TOTAL	0

EFFECTIVE: 07-01-2024

ITEM NUMBER	TOTAL QTY	DESCRIPTION
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)
6123001		TRUCK MOUNTED ATTENUATOR (TMA)
6161008		ADVANCED WARNING RAIL SYSTEM
6161012		BUOYS (BOATS KEEP OUT)
6161013		BUOYS (NO WAKE)
6161014		SPECIAL SIGN ASSEMBLY (BOATS KEEP OUT)
6161025	532	CHANNELIZER (TRIM LINE)
6161030		TYPE III MOVEABLE BARRICADE
6161033		DIRECTION INDICATOR BARRICADE
6161040		FLASHING ARROW PANEL
6161047		TYPE III OBJECT MARKER
6161055		SEQUENTIAL FLASHING WARNING LIGHT
6161070		TUBULAR MARKER
6161095		RADAR SPEED ADVISORY SYSTEM
6161096		CHANGEABLE MESSAGE SIGN, COMMISSION FURNISHED/RETAINED
6161098A		CHANGEABLE MESSAGE SIGN WITHOUT 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
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

SUMMARY OF QUANTITIES
SHEET 21 OF 21

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
08/28/2025 9:24:55 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED 8/28/2025

ROUTE	STATE
20	MO
DISTRICT	SHEET NO.
KC	3

COUNTY LAFAYETTE

JOB NO. JKR0079

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)

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

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

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

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

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

TRAFFIC CONTROL DEVICES

GENERAL NOTES:

1. SEE STANDARD PLAN 616.10 FOR DETAILS AND ITEMS NOT SHOWN
2. EXISTING SIGNS SHALL BE COVERED DURING WORKING HOURS ONLY IF IN CONFLICT WITH TRAFFIC CONTROL PLANS.
3. NO DIRECT PAYMENT WILL BE MADE FOR RELOCATING, COVERING, UNCOVERING OR REMOVING SIGNS.
4. CONES ALLOWABLE FOR DAYTIME OPERATIONS ONLY.
6. 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
- BARRICADE
- CHANGEABLE MESSAGE BOARD
- FLASHING ARROW PANEL
- TMA (TRUCK MOUNTED ATTENUATOR) WITH FLASHING ARROW PANEL

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:53:03 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED 7/25/2025

ROUTE	STATE
20	MO
DISTRICT	SHEET NO.
KC	4

COUNTY LAFAYETTE

JOB NO. JKR0079

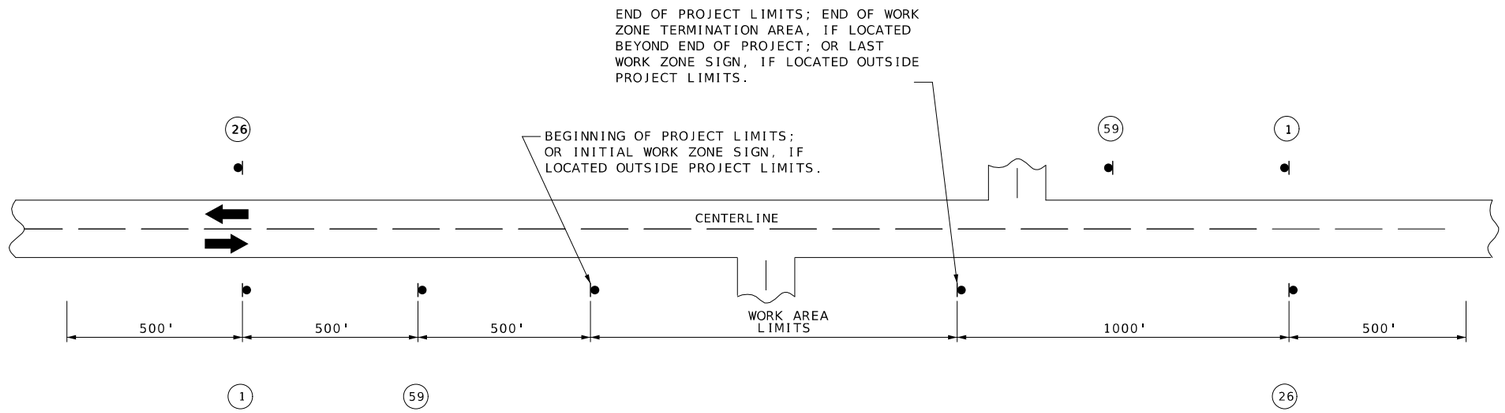
CONTRACT ID.

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)

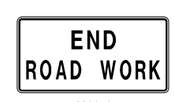


NOTES:

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.



G020-2

(26)

G020-1

(1)

CONST-8

(59)

TRAFFIC CONTROL
SHEET 2 OF 5

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER PE-2014000073
PROFESSIONAL ENGINEER

08/20/2025 2:13:26 PM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

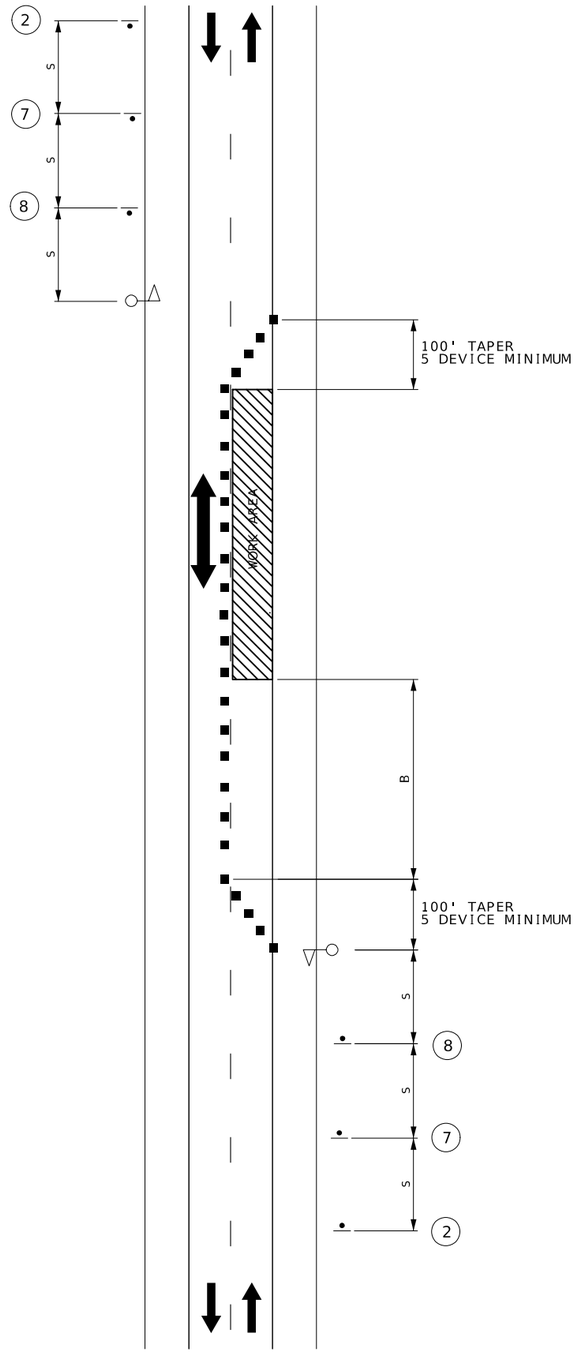
DATE PREPARED	
8/20/2025	
ROUTE 20	STATE MO
DISTRICT KC	SHEET NO. 5
COUNTY LAFAYETTE	
JOB NO. JKR0079	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

NOT TO SCALE



LANE CLOSURE
ON TWO-LANE ROAD
USING FLAGGERS

WO20-1

2

WO20-4

7

WO20-7a

8

TEMPORARY TRAFFIC CONTROL
SHEET 3 OF 5

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER

07/28/2025 11:53:50 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

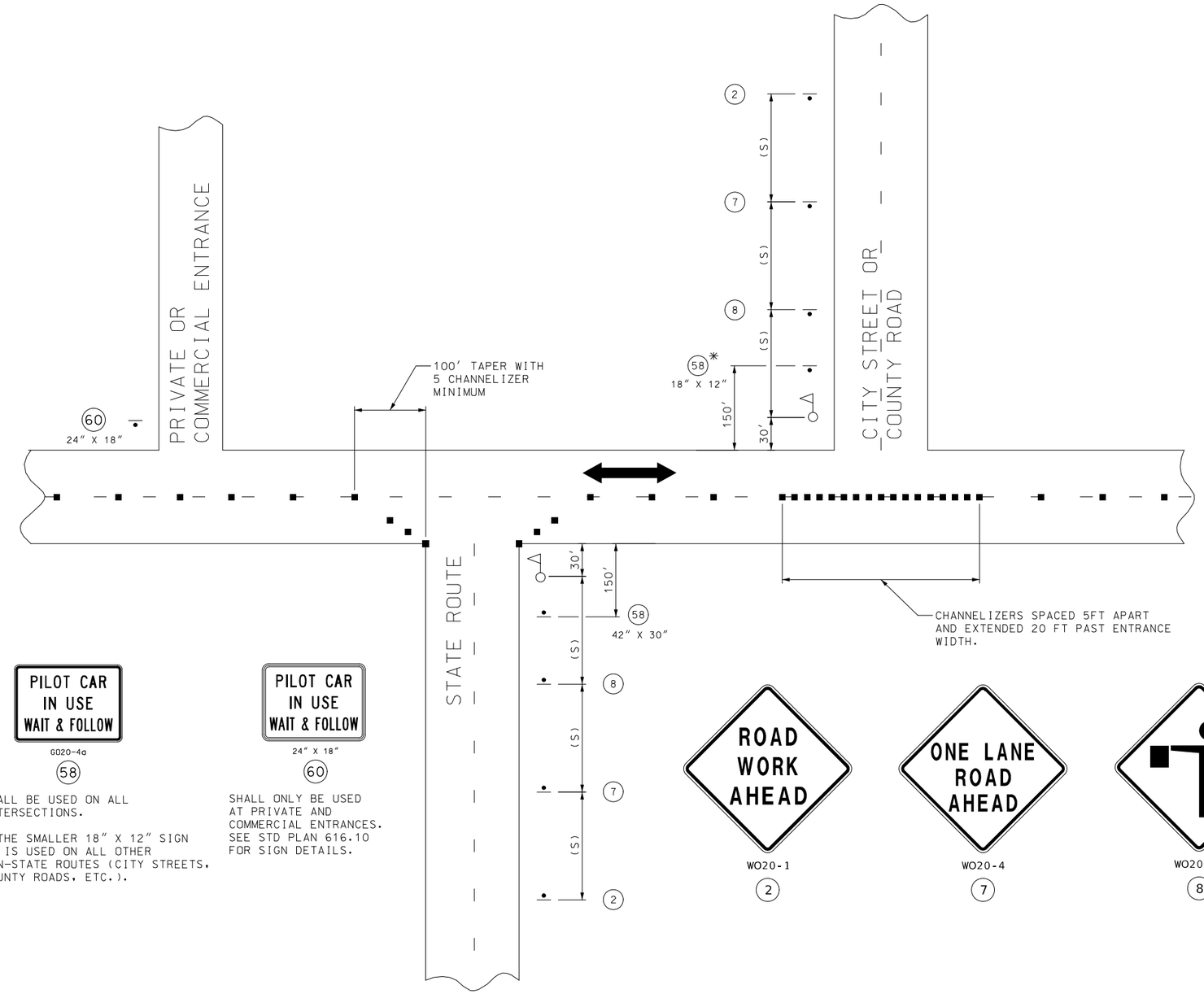
DATE PREPARED	
7/25/2025	
ROUTE 20	STATE MO
DISTRICT KC	SHEET NO. 6
COUNTY LAFAYETTE	
JOB NO. JKR0079	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

DESCRIPTION	DATE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

NOT TO SCALE



G020-4a

58

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.).

24" X 18"

60

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

WO20-1

2

WO20-4

7

WO20-7a

8

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.

SIDE ROADS ENTERING WORK ZONES

TEMPORARY TRAFFIC CONTROL
SHEET 4 OF 5

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER

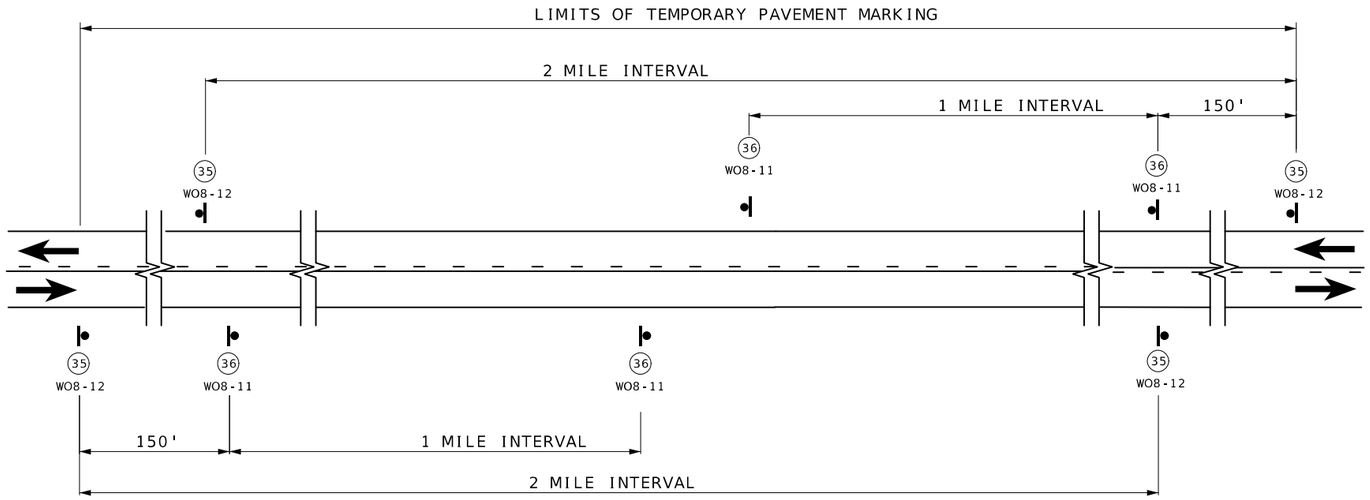
07/28/2025 11:54:28 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED	
7/25/2025	
ROUTE 20	STATE MO
DISTRICT KC	SHEET NO. 7
COUNTY LAFAYETTE	
JOB NO. JKR0079	
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

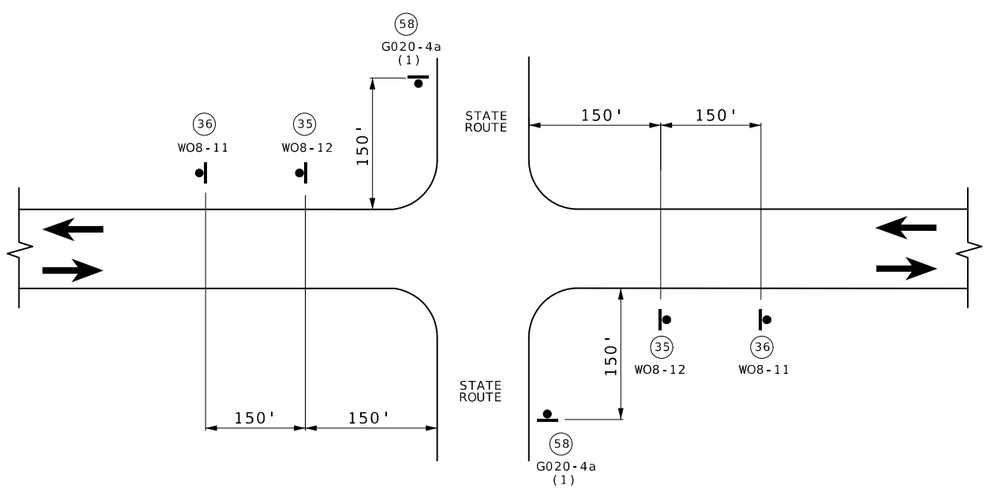
DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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



SIGN SPACING AND TEMPORARY STRIPING FOR MAINLINE



SIGN SPACING AT STATE ROUTE INTERSECTIONS
SHOWING TEMPORARY STRIPING FOR MAINLINE

(1) ADDITIONAL SIDEROADS MAY BE SIGNED AS APPROVED BY THE ENGINEER.

G020-4a
58

WO8-12
35

WO8-11
36

NOTES:

SIGN 35 AND TEMPORARY RAISED PAVEMENT MARKING (SEE STANDARD PLAN 620.10) INSTALLED WHERE CENTERLINE STRIPING HAS BEEN COVERED OR REMOVED. SIGNS ARE TO REMAIN IN PLACE UNTIL THE PERMANENT CENTERLINE PAVEMENT MARKINGS ARE IN PLACE. SIGNS SHALL BE COVERED OR REMOVED WHEN PAVEMENT CENTERLINE MARKING HAS BEEN INSTALLED.

SIGN 35 IS PLACED AT APPROXIMATELY TWO-MILE INTERVALS AND AT STATE ROUTE JUNCTIONS. WHEN THE INSTALLATION AT A JUNCTION IS WITHIN ONE-EIGHTH MILE OF THE NORMAL MAINLINE SIGN 35, THE LATTER MAY BE ELIMINATED.

ALL SIGNS SHALL BE POST MOUNTED AND IN ACCORDANCE WITH STANDARD PLAN 616.10 AND 903.03.

NOT TO SCALE

TRAFFIC CONTROL
SHEET 5 OF 5

STATE OF MISSOURI
JODIE LYNN PUHR
NUMBER
PE-2014000073
PROFESSIONAL ENGINEER
07/28/2025 11:55:22 AM
JODIE LYNN PUHR - CIVIL
MO-PE-2014000073

DATE PREPARED	
7/25/2025	
ROUTE 20	STATE MO
DISTRICT KC	SHEET NO. 08
COUNTY LAFAYETTE	
JOB NO. JKR0079	
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)