

REMOVAL OF IMPROVEMENTS						
APPROX. LOG MILE		LOCATION	QTY (FT)	QTY (EACH)	DESCRIPTION	REMARKS
FROM	TO					
ROUTE C						
2.600		RTE. C LT. & RT.		4	OBJECT MARKERS	INCLUDES SIGNS AND POSTS
2.676		RTE. C LT. & RT.		2	OBJECT MARKERS	INCLUDES SIGNS AND POSTS
6.189		RTE. C LT. & RT.		4	OBJECT MARKERS	INCLUDES SIGNS AND POSTS
6.553		RTE. C LT. & RT.		2	OBJECT MARKERS	INCLUDES SIGNS AND POSTS
6.611		RTE. C RT.		1	SIGN	W1-1 SIGN ONLY
8.573		RTE. C LT. & RT.		2	OBJECT MARKERS	INCLUDES SIGNS AND POSTS
ROUTE HH						
1.376		RTE HH LT. & RT.		2	OBJECT MARKERS	INCLUDES SIGNS AND POSTS
2.417	2.475	RTE HH RT.	245		GUARDRAIL	INCLUDES C.E.T. AND BRIDGE TRANSITION
2.436	2.475	RTE. HH LT.	175		GUARDRAIL	INCLUDES C.E.T. AND BRIDGE TRANSITION
2.516	2.544	RTE. HH RT.	245		GUARDRAIL	INCLUDES C.E.T. AND BRIDGE TRANSITION
2.516	2.561	RTE. HH LT.	175		GUARDRAIL	INCLUDES C.E.T. AND BRIDGE TRANSITION
2.898		RTE HH LT. & RT.		2	OBJECT MARKERS	INCLUDES SIGNS AND POSTS
4.138		RTE HH LT. & RT.		2	OBJECT MARKERS	INCLUDES SIGNS AND POSTS
5.557		RTE HH LT. & RT.		2	OBJECT MARKERS	INCLUDES SIGNS AND POSTS
		TOTAL	840	23		
		USE	1 LUMP SUM			

MOBILIZATION
1 LUMP SUM

1080 REVISED

1 ADDED

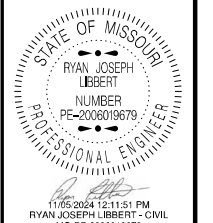
ROUTE PP						
0.690		RTE. PP LT.	60		GUARDRAIL	GUARDRAIL - INCLUDES CET
0.690		RTE. PP RT.	60		GUARDRAIL	GUARDRAIL - INCLUDES CET
0.729		RTE. PP LT.	60		GUARDRAIL	GUARDRAIL - INCLUDES CET
0.729		RTE. PP RT.	60		GUARDRAIL	GUARDRAIL - INCLUDES CET

GRAVEL (A), CRUSHED STONE (B)				
APPROX. LOG MILE		LOCATION	GRAVEL, CRUSHED STONE (TON)	REMARKS
FROM	TO			
ROUTE C				
0.059	9.884	ROUTE C	520.00	GRAVEL ENTRANCES FROM BEGIN RTE. TO END RTE.
ROUTE PP				
0.000	3.080	ROUTE PP	135.00	GRAVEL ENTRANCES FROM BEGIN RTE. TO END RTE.
ROUTE HH				
0.000	8.170	ROUTE HH	360.00	GRAVEL ENTRANCES FROM BEGIN RTE. TO END RTE.
		TOTAL	1015.00	
		USE	1015	

BITUMINOUS PAVEMENT QUANTITIES - ROUTE C								
APPROX. LOG MILE		LOCATION	LENGTH (FT)	AVG. WIDTH (FT)	DEPTH (IN)	SURF. LEVEL PG 64-22 (T)	TACK (GAL)	REMARKS
FROM	TO							
0.059	0.090	ROUTE C	163.68	22.00	1.00	22.89	40.01	BEGIN ROUTE
0.090	0.379	ROUTE C	1,525.92	22.00	1.00	213.44	298.40	FROM BEGIN ROUTE TO SECOND STREET
0.298		ROUTE CC	2,775.00		1.00	17.64	24.67	
0.379	0.572	ROUTE C	1,019.04	20.00	1.00	129.58	181.16	FROM SECOND STREET TO R/R CROSSING
0.583	9.884	ROUTE C	49,109.28	20.00	1.00	6,244.76	8,730.54	FROM R/R CROSSING TO END ROUTE
			820.00	2.00	1.00	10.43	14.58	PAVED ENTRANCES - ROUTE C
						1,321.08		20% FOR IRREGULARITIES
		TOTAL				7,959.82	9,289.36	SEE TYPICAL SECTION SHEET FOR ESTIMATE FACTORS
		USE				7,959.8	9,289	

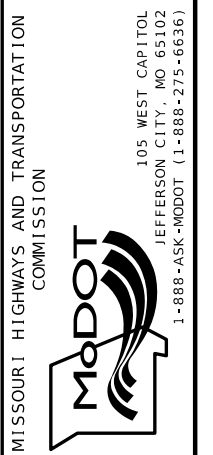
1 REVISED 1 ADDED

SUMMARY OF QUANTITIES
SHEET 1 OF 5



DATE PREPARED: 11/4/2024
ROUTE: C/PP/HH, STATE: MO
DISTRICT: CD, SHEET NO.: 3
COUNTY: LACLEDE
JOB NO.: JCS0048
CONTRACT ID.:
PROJECT NO.:
BRIDGE NO.:

DATE	DESCRIPTION



BITUMINOUS PAVEMENT QUANTITIES - ROUTE PP								
APPROX. LOG MILE		LOCATION	LENGTH (FT)	AVG. WIDTH (FT)	DEPTH (IN)	SURF. LEVEL		REMARKS
FROM	TO					PG 64-22 (T)	TACK (GAL)	
0.000		ROUTE PP	3,140.00		1.00	19.96	27.91	SEE SPECIAL SHEET
0.000		ROUTE PP	1,330.00		1.00	8.46	11.82	SEE SPECIAL SHEET
0.014	0.684	ROUTE PP	3,537.60	20.00	1.00	449.84	628.91	FROM BEGIN ROUTE TO BRIDGE B0447
0.735	3.080	ROUTE PP	12,381.60	20.00	1.00	1,574.45	2,201.17	FROM BRIDGE B0447 TO END ROUTE
			50.00	2.00	1.00	0.64	0.89	PAVED ENTRANCES - ROUTE PP
						410.54		20% FOR IRREGULARITIES
						TOTAL	2,463.89	2,870.70
						USE	2,463.9	2,871

0.014	0.735	ROUTE PP	3,806.88	20.00	1.00	484.08	676.78	FROM BEGIN ROUTE TO END BRIDGE B0447 (INCLUDES FIRST LIFT FOR BRIDGE)
0.684	3.080	ROUTE PP	12,650.88	20.00	1.00	1,608.69	2,249.05	FROM BEGIN BRIDGE B0447 TO END ROUTE (INCLUDES SECOND LIFT FOR BRIDGE)

1 REVISED

		424.24	
TOTAL	2,546.07	2,966.45	
USE	2,546.1	2,966	

1 REVISED

BITUMINOUS PAVEMENT QUANTITIES - ROUTE HH								
APPROX. LOG MILE		LOCATION	LENGTH (FT)	AVG. WIDTH (FT)	DEPTH (IN)	SURF. LEVEL		REMARKS
FROM	TO					PG 64-22 (T)	TACK (GAL)	
0.011	2.475	ROUTE HH	13,009.92	20.00	1.00	1,654.35	2,312.87	FROM BEGIN ROUTE TO BRIDGE A6499
2.507	8.170	ROUTE HH	29,900.64	20.00	1.00	3,802.18	5,315.67	FROM BRIDGE A6499 TO END ROUTE
			690.00	2.00	1.00	8.77	12.27	PAVED ENTRANCES - ROUTE HH
						1,091.31		20% FOR IRREGULARITIES
						TOTAL	6,556.61	7,640.81
						USE	6,556.6	7,641

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. OR LESS)							
APPROX. LOG MILE		LOCATION	LENGTH (FT)	AVG. WIDTH (FT)	QUANTITY (SY)	REMARKS	
FROM	TO						
0.059	0.090	ROUTE C	163.7	22	400.2		BEGIN ROUTE
0.699	0.711	ROUTE PP	63.4	20	140.9		BRIDGE B0447
0.757	0.768	ROUTE PP	58.1	20	129.1		BRIDGE B0447
					TOTAL	670.20	
					USE	670	

1 DELETED

BITUMINOUS PAVEMENT QUANTITIES - ALL ROUTES					
APPROX. LOG MILE		LOCATION	SURF. LEVEL PG 64-22 (T)	TACK (GAL)	REMARKS
FROM	TO				
ROUTE C					
0.590	9.884	ROUTE C	7,959.82	9,289.36	
ROUTE PP					
0.000	3.080	ROUTE PP	2,463.90	2,871.00	
ROUTE HH					
0.011	8.170	ROUTE HH	6,556.60	7,641.00	
			TOTAL	16,980.32	19,801.36
			USE	16,980.3	19,801

COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. OR LESS)						
APPROX. LOG MILE		LOCATION	LENGTH (FT)	AVG. WIDTH (FT)	QUANTITY (SY)	REMARKS
FROM	TO					
ROUTE C						
0.059	0.090	ROUTE C	163.7	22	400.2	BEGIN ROUTE
0.379		ROUTE C	6.0	22	14.7	AT CURB RAMPS
					TOTAL	414.90
					USE	415

2,546.10 2,966.00
17,021.42 19,896.36
17,021.4 19,896

1 REVISED

1 ADDED

GUARDRAIL								
APPROX. LOG MILE		LOCATION	TRANSITION SECTION (EXT. CURB) (EA)	TRANSITION SECTION (REG./NO CURB) (EA)	MGS GUARDRAIL (LF)	TYPE A C.E.T. (MASH) (EA)	SHAPING SLOPES CLASS III (100 FT)	REMARKS
FROM	TO							
ROUTE HH								
2.475		RTE HH LT.	1		100.0	1	0.75	BR A6499
2.475		RTE HH RT.	1		100.0	1	0.75	BR A6499
2.516		RTE HH LT.	1		100.0	1	0.75	BR A6499
2.516		RTE HH RT.	1		100.0	1	0.75	BR A6499
ROUTE PP								
0.690		RTE PP LT.		1	12.5	1	0.75	BR B0447
0.690		RTE PP RT.		1	12.5	1	0.75	BR B0447
0.729		RTE PP LT.		1	12.5	1	0.75	BR B0447
0.729		RTE PP RT.		1	12.5	1	0.75	BR B0447
			TOTAL	4	450.0	8	6	SEE SPECIAL SHEET FOR DETAILS.
			USE	4	450	8	6	

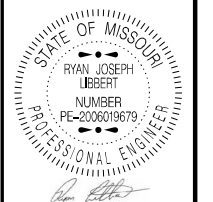
1 ADDED

GUARDRAIL								
APPROX. LOG MILE		LOCATION	TRANSITION SECTION 6.5 FT. POSTS (EA)	MGS GUARDRAIL (LF)	TYPE A C.E.T. (MASH) (EA)	SHAPING SLOPES CLASS III (100 FT)	REMARKS	
FROM	TO							
ROUTE HH								
2.475		RTE HH LT.	1	100.0	1	0.75	BR A6499	
2.475		RTE HH RT.	1	100.0	1	0.75	BR A6499	
2.516		RTE HH LT.	1	100.0	1	0.75	BR A6499	
2.516		RTE HH RT.	1	100.0	1	0.75	BR A6499	
			TOTAL	4	400.0	4	3	SEE SPECIAL SHEET FOR DETAILS.
			USE	4	400	4	3	

1 DELETED

1 REVISED 1 ADDED 1 DELETED

SUMMARY OF QUANTITIES
SHEET 2 OF 5



DATE PREPARED
11/5/2024

ROUTE STATE
C/PP/HH MO

DISTRICT SHEET NO.
CD 3

COUNTY
LACLEDE

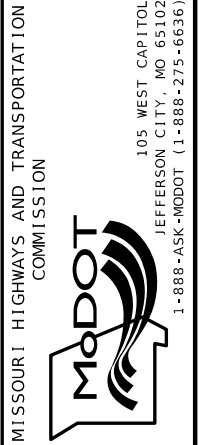
JOB NO.
JCD0048

CONTRACT ID.

PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION



PAVEMENT MARKING - ROUTE C									
APPROX. LOG MILE		LOCATION	LENGTH (FT)	WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS				PREFORMED THERMOPLASTIC	REMARKS
				4" SOLID WHITE (FT)	4" INT. YELLOW (FT)	4" SOLID YELLOW (FT)	24" SOLID WHITE (FT)	R/R CROSSING MARKER (EACH)	
FROM	TO								
ROUTE C									
0.059	0.072	ROUTE C LT. & RT.	68.64	137.28					
0.090	0.277	ROUTE C RT.	987.36	987.36		1,974.72			EDGE LINE
0.090	0.480	ROUTE C LT.	2,059.20	2,059.20					EDGE LINE
0.059	0.480	ROUTE C	2,222.88			4,445.76			CENTERLINE
0.297	0.480	ROUTE C RT.	966.24	966.24					EDGE LINE
0.480		ROUTE C					10.00		STOP BAR
0.490		ROUTE C					10.00		STOP BAR
0.490	0.572	ROUTE C LT. & RT.	432.96	865.92					EDGE LINE
0.490	0.572	ROUTE C	432.96			865.92			CENTERLINE
0.500		ROUTE C						1	
0.570		ROUTE C					10.00		STOP BAR
RAILROAD EXCEPTION - L.M. 0.572 TO L.M. 0.583									
0.583	6.690	ROUTE C RT.	32,244.96	32,244.96					EDGE LINE
0.583	9.884	ROUTE C LT.	49,109.28	49,109.28					EDGE LINE
0.583	0.905	ROUTE C	1,700.16			3,400.32			CENTERLINE
0.584		ROUTE C					10.00		STOP BAR
0.650		ROUTE C						1	
0.905	1.263	ROUTE C	1,890.24	472.56	1,890.24				CENTERLINE
1.263	1.521	ROUTE C	1,362.24		2,724.48				CENTERLINE
1.521	1.681	ROUTE C	844.80	211.20	844.80				CENTERLINE
1.681	1.780	ROUTE C	522.72	130.68					CENTERLINE
1.780	1.900	ROUTE C	633.60	158.40	633.60				CENTERLINE
1.900	1.939	ROUTE C	205.92	51.48					CENTERLINE
1.939	2.039	ROUTE C	528.00	132.00	528.00				CENTERLINE
2.039	2.060	ROUTE C	110.88		221.76				CENTERLINE
2.060	2.199	ROUTE C	733.92	183.48	733.92				CENTERLINE
2.199	2.378	ROUTE C	945.12		1,890.24				CENTERLINE
2.378	2.537	ROUTE C	839.52	209.88	839.52				CENTERLINE
2.537	2.676	ROUTE C	733.92	183.48					CENTERLINE
2.676	2.816	ROUTE C	739.20	184.80	739.20				CENTERLINE
2.816	2.915	ROUTE C	522.72		1,045.44				CENTERLINE
2.915	3.074	ROUTE C	839.52	209.88	839.52				CENTERLINE
3.074	3.114	ROUTE C	211.20	52.80					CENTERLINE
3.114	3.292	ROUTE C	939.84	234.96	939.84				CENTERLINE
3.292	3.768	ROUTE C	2,513.28		5,026.56				CENTERLINE
3.768	3.928	ROUTE C	844.80	211.20	844.80				CENTERLINE
3.928	3.987	ROUTE C	311.52	77.88					CENTERLINE
3.987	4.265	ROUTE C	1,467.84	366.96	1,467.84				CENTERLINE
4.265	4.326	ROUTE C	322.08		644.16				CENTERLINE
4.326	4.405	ROUTE C	417.12	104.28	417.12				CENTERLINE
4.405	4.424	ROUTE C	100.32	25.08					CENTERLINE
4.424	4.544	ROUTE C	633.60	158.40	633.60				CENTERLINE
4.544	4.564	ROUTE C	105.60		211.20				CENTERLINE
4.564	4.703	ROUTE C	733.92	183.48	733.92				CENTERLINE
4.703	5.360	ROUTE C	3,468.96		6,937.92				CENTERLINE
5.360	5.498	ROUTE C	728.64	182.16	728.64				CENTERLINE
5.498	5.518	ROUTE C	105.60		211.20				CENTERLINE
5.518	5.658	ROUTE C	739.20	184.80	739.20				CENTERLINE
5.658	6.115	ROUTE C	2,412.96		4,825.92				CENTERLINE
6.115	6.294	ROUTE C	945.12	236.28	945.12				CENTERLINE
6.294	6.314	ROUTE C	105.60	26.40					CENTERLINE
6.314	6.493	ROUTE C	945.12	236.28	945.12				CENTERLINE
6.493	9.110	ROUTE C	13,817.76		27,635.52				CENTERLINE
6.708	6.745	ROUTE C RT.	195.36	195.36					EDGE LINE
6.765	9.884	ROUTE C RT.	16,468.32	16,468.32					EDGE LINE
9.110	9.269	ROUTE C	839.52	209.88	839.52				CENTERLINE
9.269	9.448	ROUTE C	945.12	236.28					CENTERLINE
9.448	9.606	ROUTE C	834.24	208.56	834.24				CENTERLINE
9.606	9.897	ROUTE C	1,536.48		3,072.96				CENTERLINE
9.897		ROUTE C					10.00		STOP BAR
TOTAL			103,033.92	5,063.52	82,251.84	50.00		2	
USE			103,034	87,315	50			2	

MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
APPROX. LOG MILE		LOCATION	LENGTH (FT)	AVG. WIDTH (FT)	QUANTITY (SY)	REMARKS
FROM	TO					
ROUTE C						
0.090	0.094	ROUTE C	25.0	22.0	61.1	BEGIN ROUTE
0.298		ROUTE CC	10.0	22.0	24.4	
8.729		OSTRICH DR.	10.0	20.0	22.2	
9.879	9.884	ROUTE C	25.0	20.0	55.6	END ROUTE
ROUTE PP						
0.689	0.699	ROUTE PP	50.0	20.0	111.1	BR B0447
0.768	0.777	ROUTE PP	50.0	20.0	111.1	BR B0447
3.070	3.080	ROUTE PP	50.0	20.0	111.1	END ROUTE
ROUTE HH						
0.011	0.020	ROUTE HH	50.0	20.0	111.1	BEGIN ROUTE
2.465	2.475	ROUTE HH	50.0	20.0	111.1	BR A6499
2.507	2.516	ROUTE HH	50.0	20.0	111.1	BR A6499
					TOTAL	829.90
					USE	830

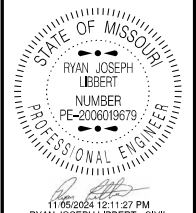
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MODIFIED COLDMILLING (DEPTH TRANSITIONS)						
APPROX. LOG MILE		LOCATION	LENGTH (FT)	AVG. WIDTH (FT)	QUANTITY (SY)	REMARKS
FROM	TO					
ROUTE C						
0.090	0.094	ROUTE C	25.0	22.0	61.1	BEGIN ROUTE
0.298		ROUTE CC	10.0	22.0	24.4	
0.379		ROUTE C	50.0	22.0	122.2	ON BOTH SIDES OF CURB RAMPS
0.379		FRONT ST.	10.0	22.0	75.0	
8.729		OSTRICH DR.	10.0	20.0	22.2	
9.879	9.884	ROUTE C	25.0	20.0	55.6	END ROUTE
ROUTE PP						
3.070	3.080	ROUTE PP	50.0	20.0	111.1	END ROUTE
ROUTE HH						
0.011	0.020	ROUTE HH	50.0	20.0	111.1	BEGIN ROUTE
2.465	2.475	ROUTE HH	50.0	20.0	111.1	BR A6499
2.507	2.516	ROUTE HH	50.0	20.0	111.1	BR A6499
					TOTAL	804.90
					USE	805

1 ADDED

1 ADDED 1 DELETED

SUMMARY OF QUANTITIES
SHEET 3 OF 5



DATE PREPARED
11/4/2024

ROUTE C/PP/HH
MO

DISTRICT CD SHEET NO. **3**

COUNTY
LACLEDE


JOB NO.
JCD0048

CONTRACT ID.

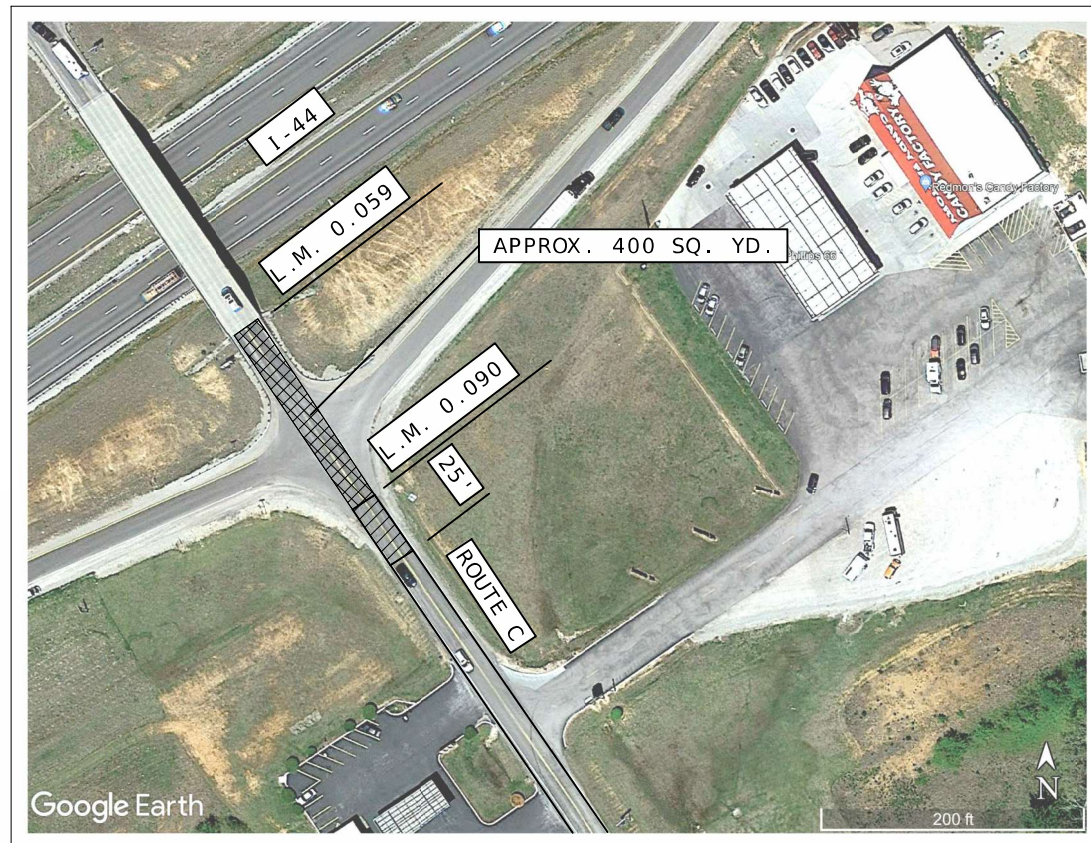
PROJECT NO.

BRIDGE NO.

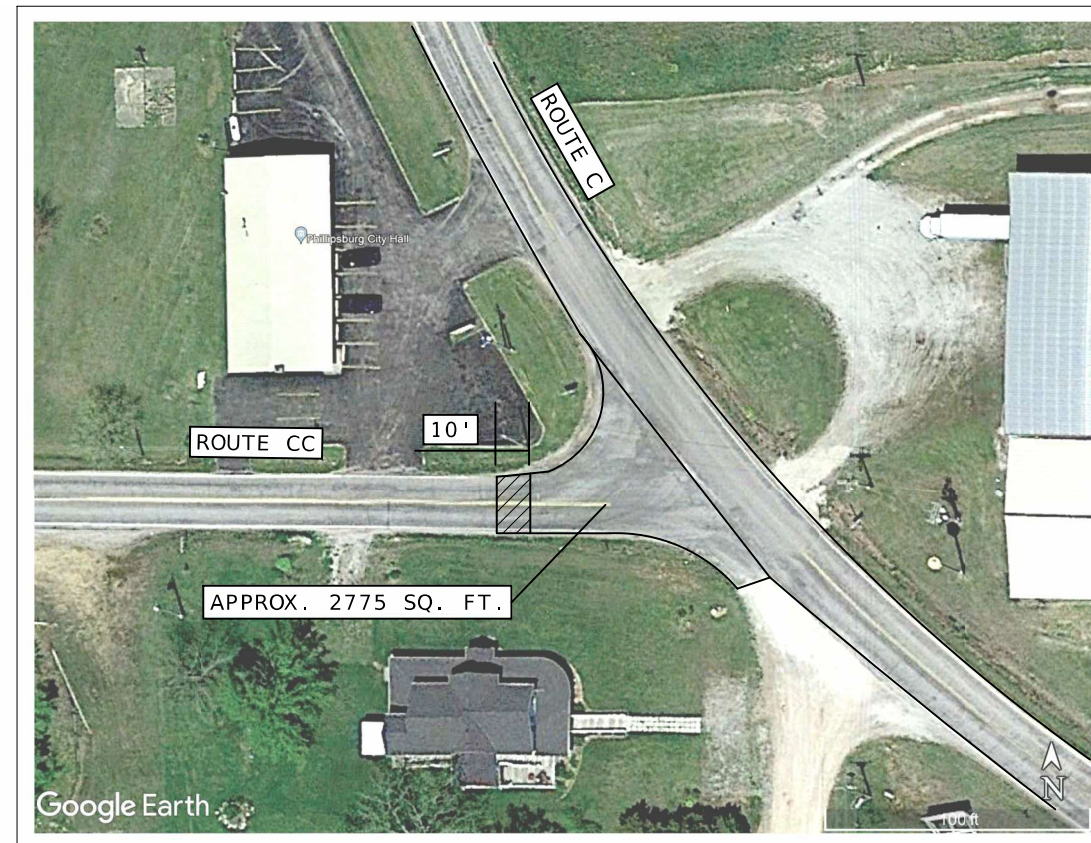
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



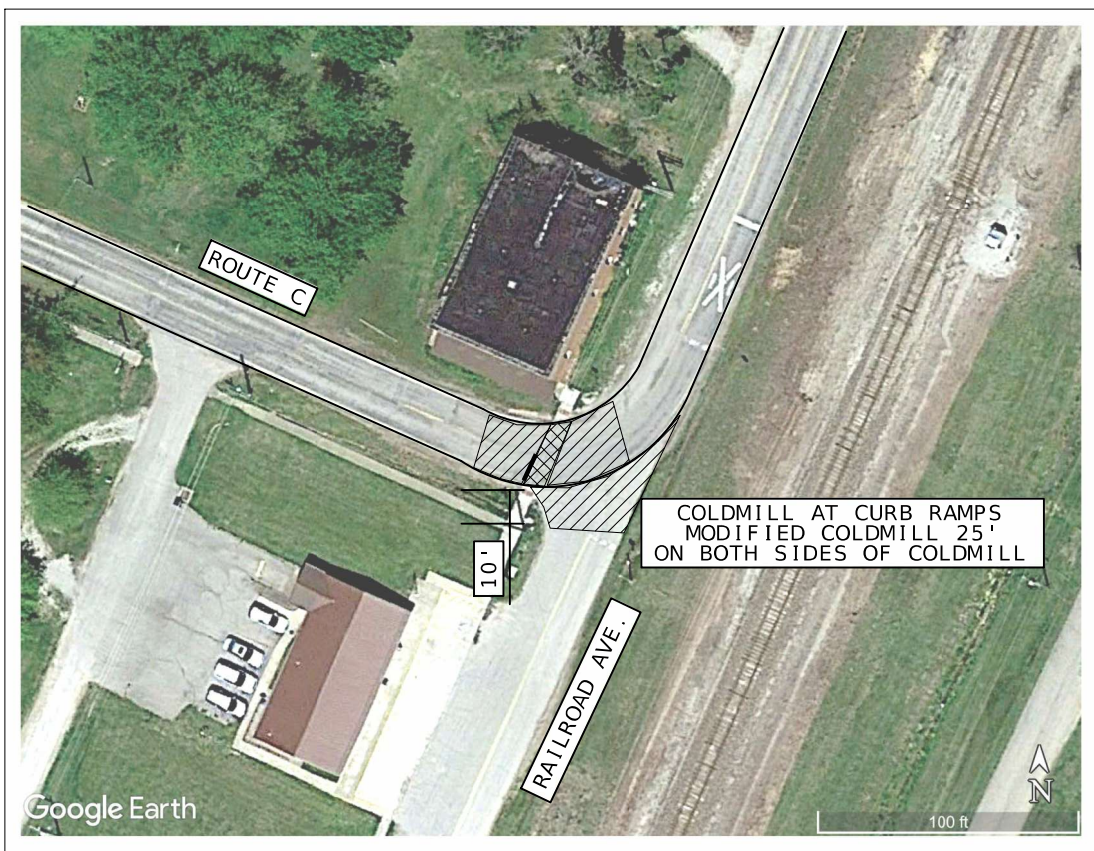
105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)



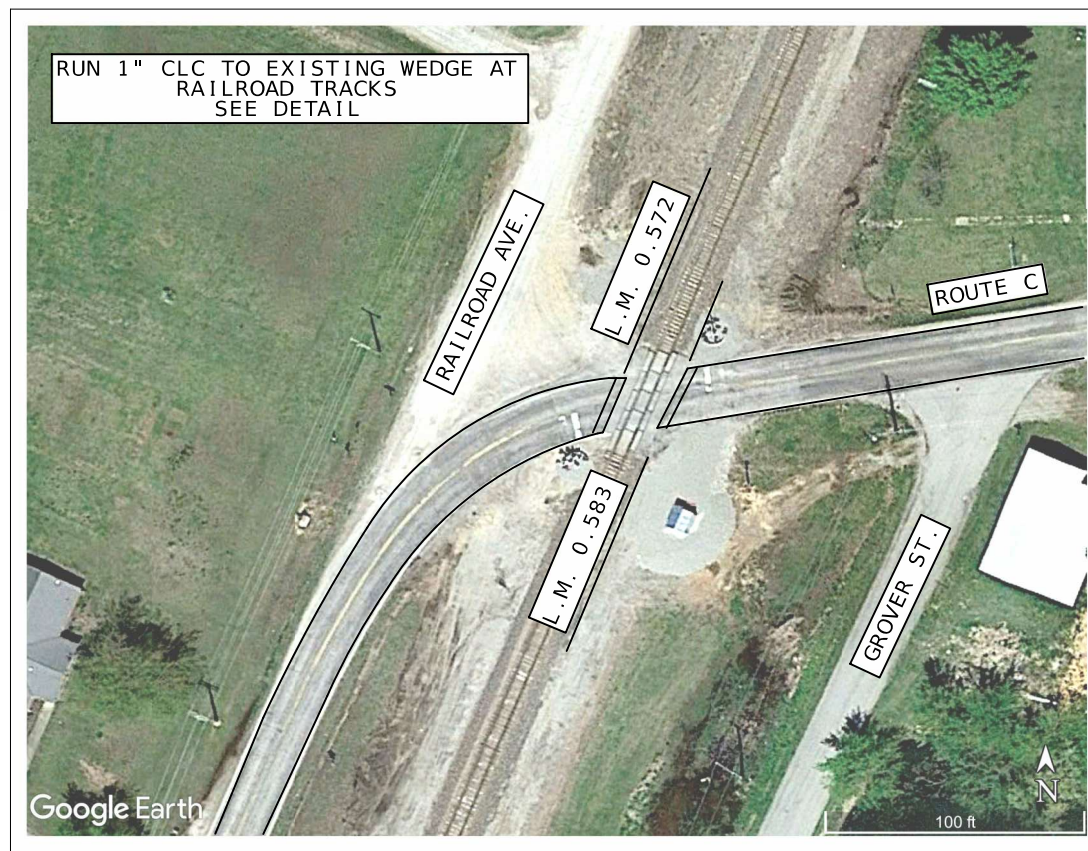
ROUTE C - BEGIN ROUTE - LOG MILE 0.090





ROUTE CC - LOG MILE 0.298

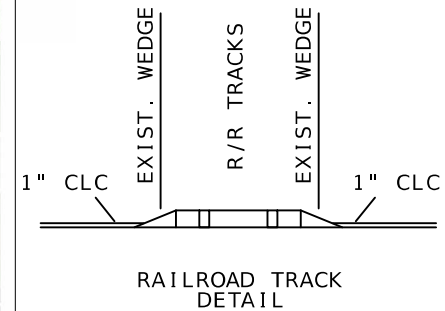



ROUTE C & RAILROAD AVE. - LOG MILE 0.379



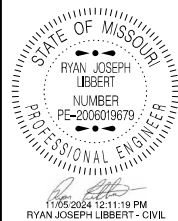
ROUTE C & R/R CROSSING - LOG MILE 0.578

-  MODIFIED MILLING
-  COLDMILLING



 REVISED
SPECIAL SHEET
SHEET 1 OF 4

 REVISED



11/05/2024 12:11:19 PM
RYAN JOSEPH LIBBERT - CIVIL
MO-PE-2006019679

DATE PREPARED
11/4/2024

ROUTE	STATE
C/PP/HH	MO
DISTRICT	SHEET NO.
CD	4

COUNTY
LACLEDE

JOB NO.
JCD0048


CONTRACT ID.

PROJECT NO.

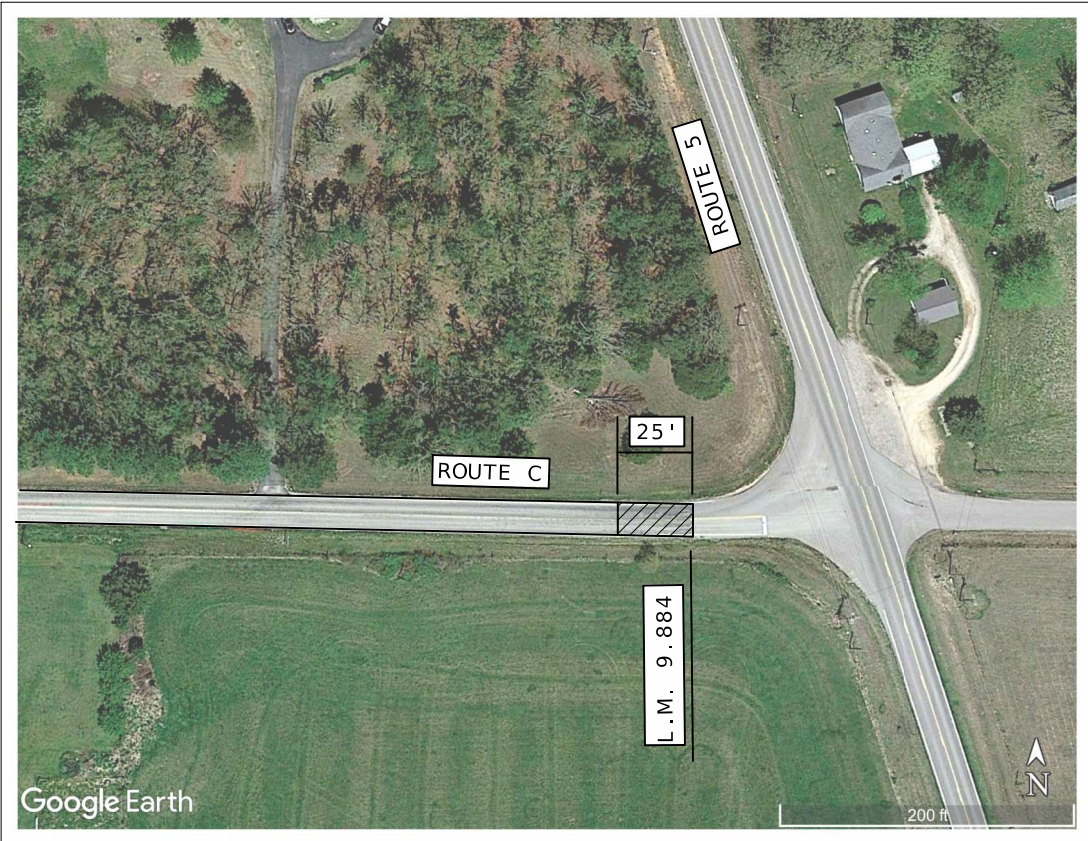
BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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



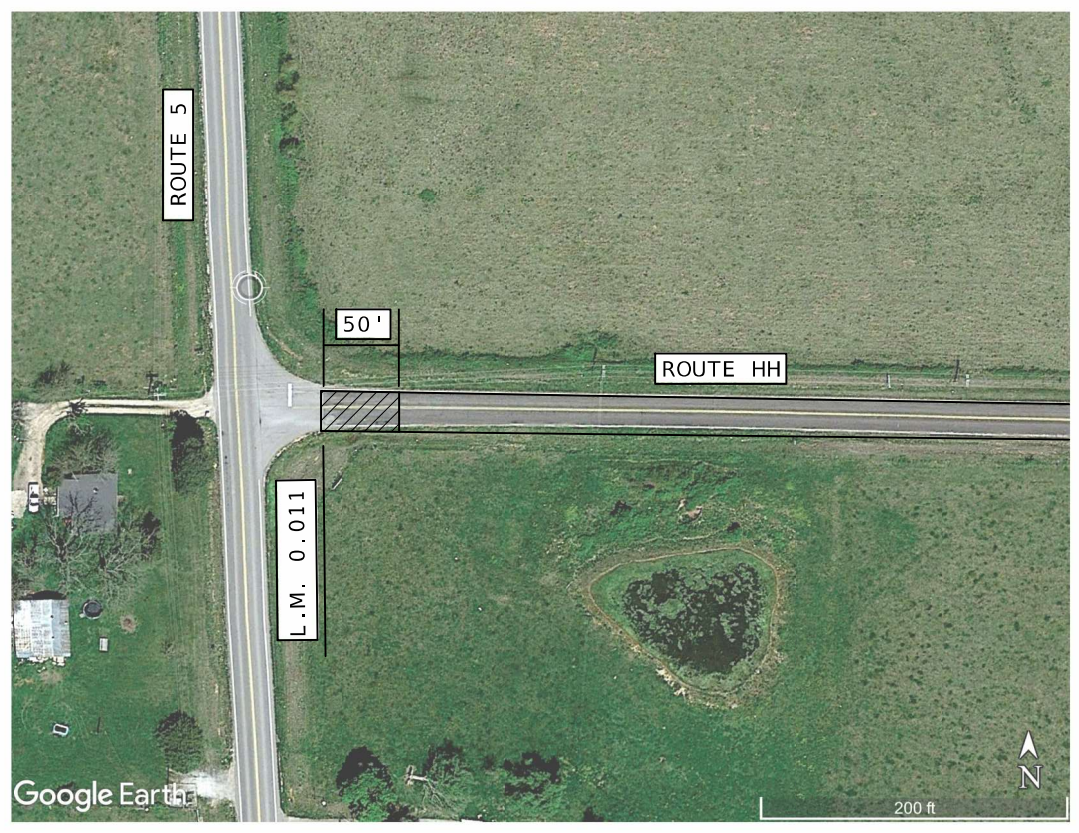
ROUTE C - END ROUTE - LOG MILE 9.884



ROUTE PP - BRIDGE B0447 - LOG MILE 0.684



ROUTE PP & ROUTE J - END ROUTE- LOG MILE 3.080



ROUTE HH & ROUTE 5 - BEGIN ROUTE - LOG MILE 0.011

REVISED

UIP EXISTING GUARDRAIL
COLDMILL IN FRONT OF
EXISTING GUARDRAIL

DELETED

REMOVE EXISTING
GUARDRAIL. REPLACE WITH
BRIDGE TRANSITION,
12.5' MGS GUARDRAIL AND
CET (ALL CORNERS)

ADDED

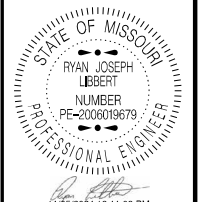
MODIFIED
MILLING

ADDED

DELETED

REVISED

SPECIAL SHEET
SHEET 3 OF 4



DATE PREPARED
11/4/2024

ROUTE	STATE
C/PP/HH	MO
DISTRICT	SHEET NO.
CD	6

COUNTY
LACLEDE

JOB NO.
JCD0048

CONTRACT ID.

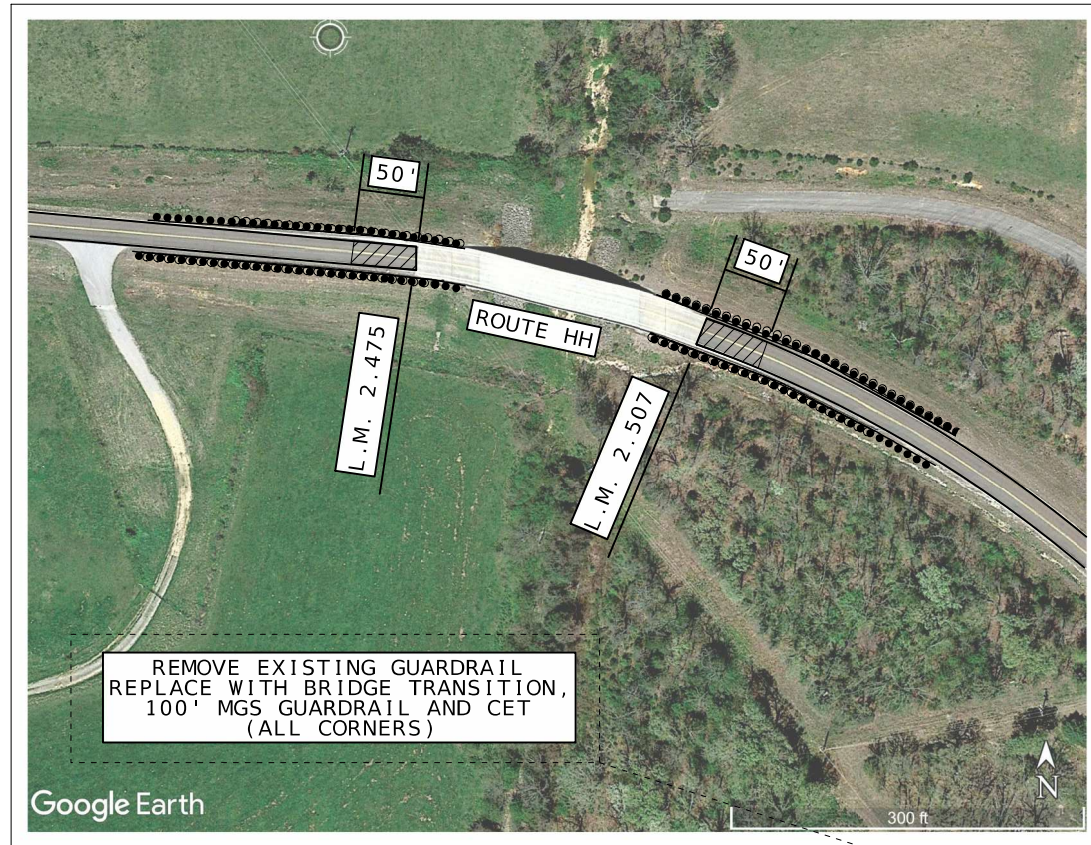
PROJECT NO.

BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION
COMMISSION

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



ROUTE HH - BRIDGE A6499 - LOG MILE 2.480



ROUTE HH - END ROUTE - LOG MILE 8.170

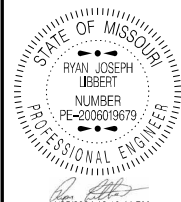
REMOVE EXISTING GUARDRAIL
 REPLACE WITH BRIDGE TRANSITION
 (EXTENDED CURB)
 100' MGS GUARDRAIL AND CET
 (ALL CORNERS)

1 REVISED

 MODIFIED MILLING

 REVISED

SPECIAL SHEET
 SHEET 4 OF 4




RYAN JOSEPH LIBBERT
 NUMBER PE-2006019679
 PROFESSIONAL ENGINEER

11/05/2024 12:10:44 PM
 RYAN JOSEPH LIBBERT - CIVIL
 MO-PE-2006019679

DATE PREPARED		11/4/2024	
ROUTE	C/PP/HH	STATE	MO
DISTRICT	CD	SHEET NO.	7
COUNTY			
LACLEDE			
JOB NO.			
JCD0048			
CONTRACT ID.			
PROJECT NO.			
BRIDGE NO.			

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



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