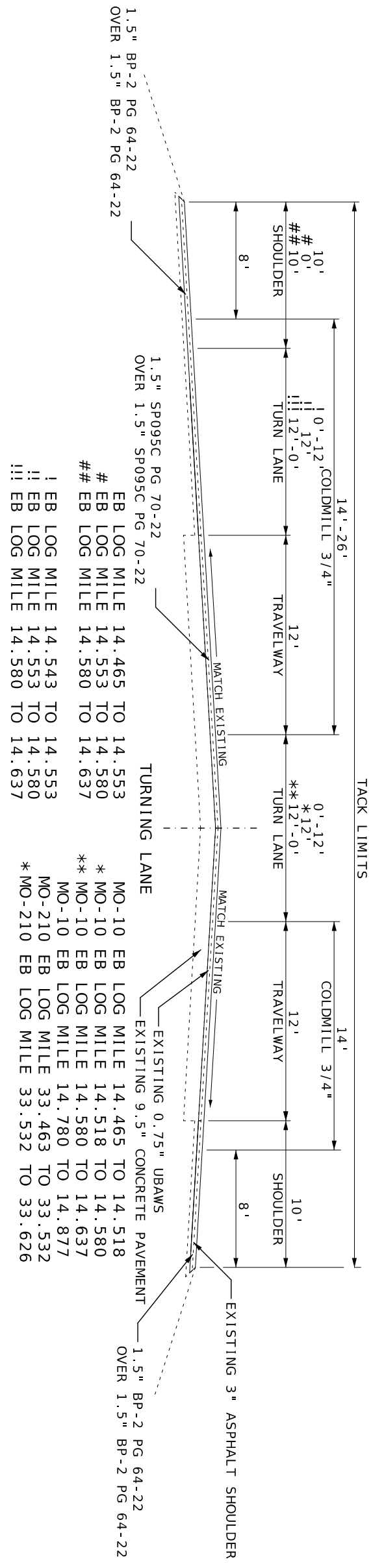
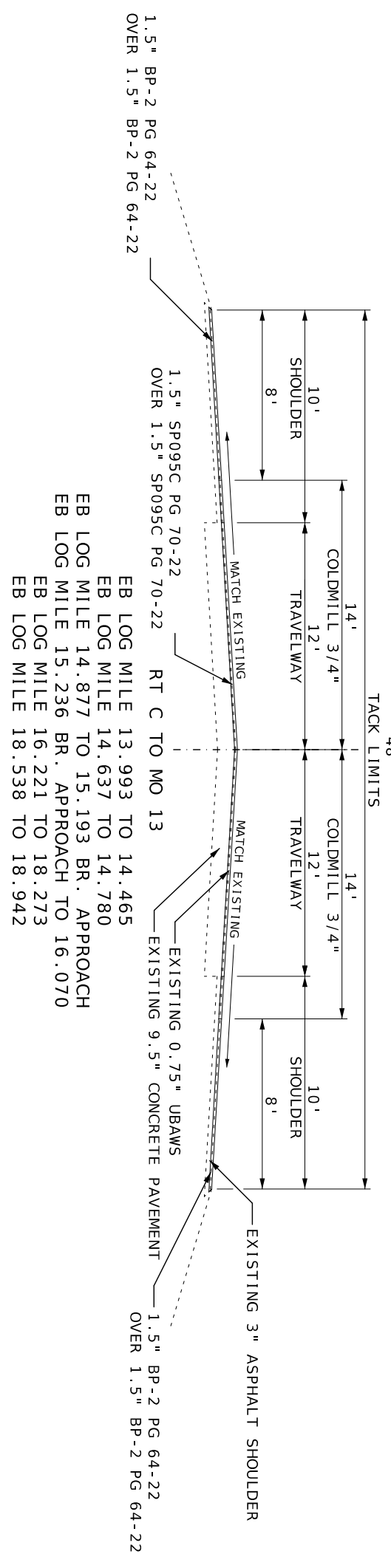


MO-10
 PLACE ASPHALT IN TWO LIFTS
 FROM EB LOG MILE 13.993 TO 18.273
 FROM EB LOG MILE 18.538 TO 18.942



ESTIMATE FACTORS - FOR INFORMATION PURPOSES ONLY


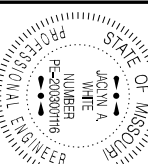
SP095C PG70-22	1.978 TONS/CY
BP-2 PG64-22	1.987 TONS/CY
BP-1LT W/ PG58-28H	2.001 TONS/CY
TACK COAT	0.20 GAL/SQ YD (MILLED SURFACE)
TACK COAT	0.05 GAL/SQ YD (NEWLY PAVED SURFACE)

REVISIED: ESTIMATE FACTOR TABLE



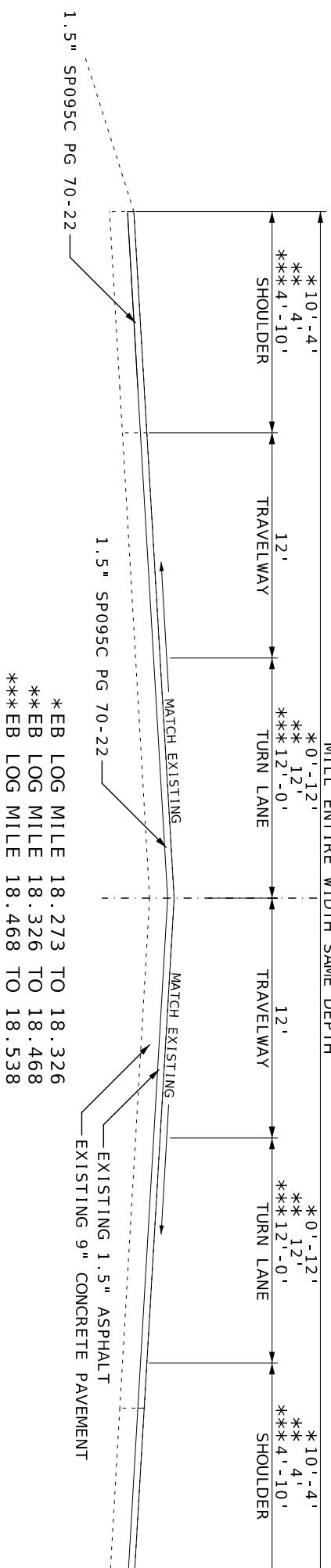
NOT TO SCALE

TYPICAL SECTIONS
 SHEET 1 OF 3

 <p>MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION</p> <p>105 WEST CAPITOL JEFFERSON CITY, MO 65102 1-888-ASK-MODOT (1-888-275-6636)</p>	DATE	DESCRIPTION
	 <p>STATE OF MISSOURI JONATHAN A. WOLF LICENSE NUMBER PC-200000116 PROFESSIONAL ENGINEER</p>	
	JOB NO. JKR0077 CONTRACT ID. PROJECT NO. BRIDGE NO.	
	COUNTY RAY DISTRICT 2 SHEET NO.	
	DATE PREPARED 11/5/2025 ROUTE 10 STATE MO DISTRICT	

MO-10

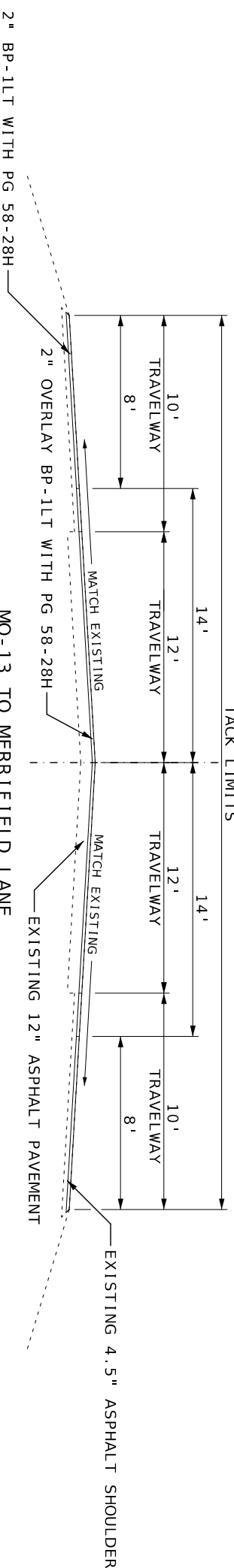
MILL EXISTING ASPHALT 1.5" TO CONCRETE
MILL ENTIRE WIDTH SAME DEPTH



*EB LOG MILE 18.273 TO 18.326
**EB LOG MILE 18.326 TO 18.468
***EB LOG MILE 18.468 TO 18.538

MO-10

COLDMILL 1/2" LIMITS
TACK LIMITS

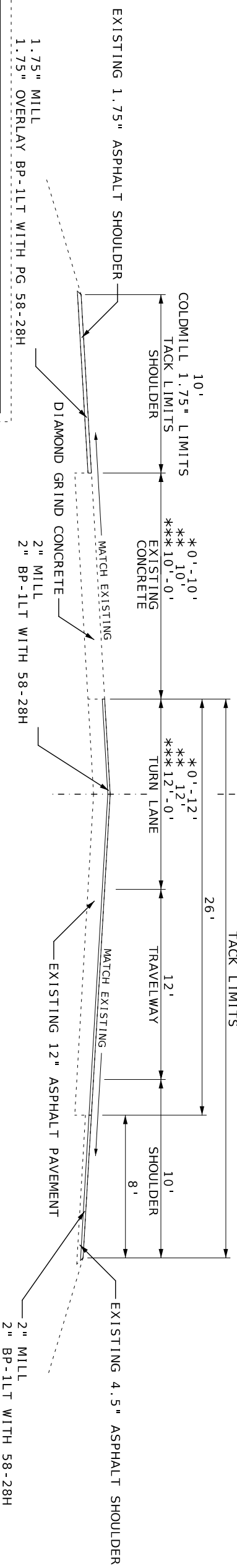


EB LOG MILE 18.942 TO 19.048 BR. APPROACH
EB LOG MILE 19.113 BR. APPROACH TO 19.670
EB LOG MILE 19.978 TO 20.752 CONC. INTERSECTION
EB LOG MILE 19.121 CONC. INTERSECTION TO 22.248

MO-13 TO MERRIFIELD LANE

MO-10

COLDMILL 2" LIMITS
TACK LIMITS



*EB LOG MILE 19.670 TO 19.771
**EB LOG MILE 19.771 TO 19.880
***EB LOG MILE 19.880 TO 19.978

ESTIMATE FACTORS - FOR INFORMATION PURPOSES ONLY

SP095C PG70-22	1.978 TONS/CY
BP-2 PG64-22	1.987 TONS/CY
BP-1LT W/ PG58-28H	2.001 TONS/CY
TACK COAT	0.20 GAL/SQ YD (MILLED SURFACE)
TACK COAT	0.05 GAL/SQ YD (NEWLY PAVED SURFACE)



REVISED: ESTIMATE FACTOR TABLE

NOT TO SCALE

TYPICAL SECTIONS
SHEET 2 OF 3

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

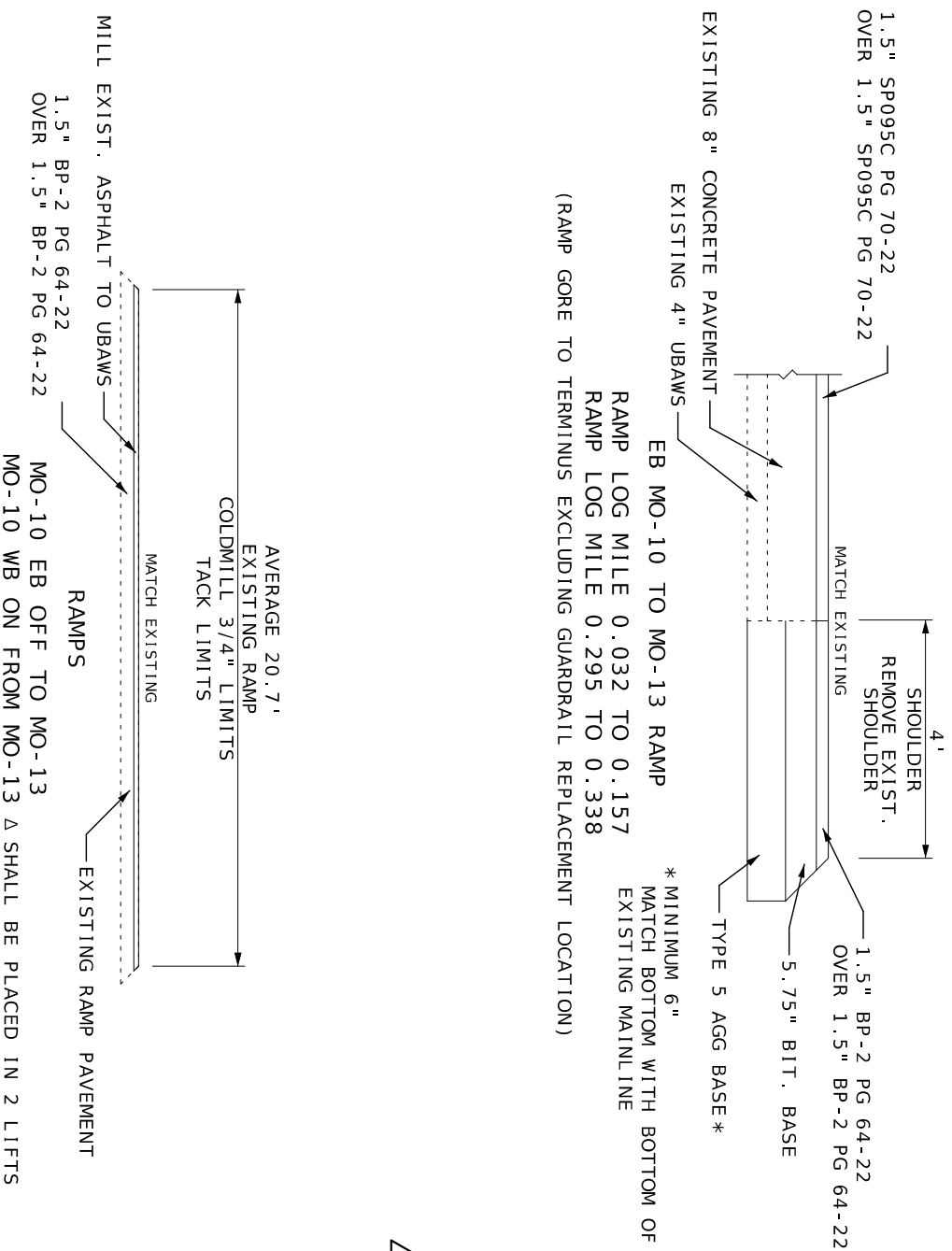


105 WEST CAPITOL
JEFFERSON CITY, MO 65102
1-888-ASK-MODOT (1-888-275-6636)

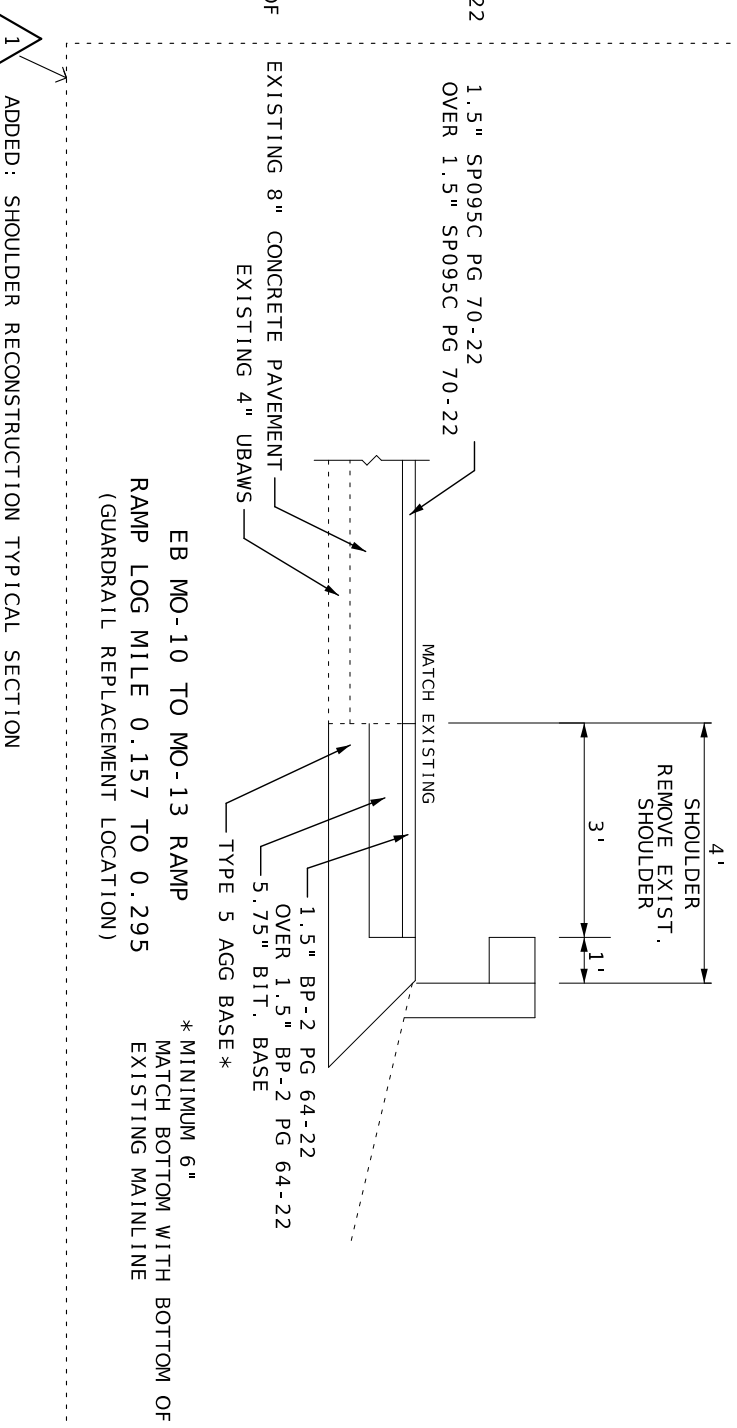
DATE	DESCRIPTION

STATE OF MISSOURI	JACQUE A. WHITE
PROFESSIONAL ENGINEER	NUMBER FE-200000116
DATE PREPARED	11/5/2025
ROUTE	10
STATE	MO
DISTRICT	KC
SHEET NO.	2
COUNTY	RAY
JOB NO.	JKR0077
CONTRACT ID.	
PROJECT NO.	
BRIDGE NO.	

RAMP SHOULDER RECONSTRUCTION



RAMP SHOULDER RECONSTRUCTION



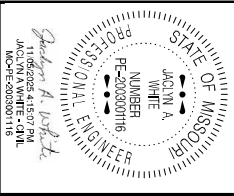
ESTIMATE FACTORS - FOR INFORMATION PURPOSES ONLY

SP095C PG70-22	1.978 TONS/CY
BP-2 PG64-22	1.987 TONS/CY
BP-1LT W/ PG58-28H	2.001 TONS/CY
TACK COAT	0.20 GAL/SQ YD (MILLED SURFACE)
TACK COAT	0.05 GAL/SQ YD (NEWLY PAVED SURFACE)

1 REVISED: ESTIMATE FACTOR TABLE

NOT TO SCALE

TYPICAL SECTIONS
SHEET 3 OF 3



DATE PREPARED	11/5/2025
ROUTE	10
STATE	MO
DISTRICT	KC
SHEET NO.	2
COUNTY	RAY
JOB NO.	JKR0077
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)

MAINLINE PAVEMENT QUANTITIES

LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	MAINLINE WIDTH (FT)	SHOULDER WIDTH (FT)	COLDMILLING FOR REMOVAL OF SURFACING (< 3 IN.) (SY)	*MODIFIED COLDMILLING (DEPTH TRANSITIONS) (SY)	SP095C PG 70-22 MIX (TON)	BP-2 PG 64-22 MIX (TON)	PERMANENT AGGREGATE EDGE TREATMENT (TON)	MODIFIED TACK COAT (GAL)	COMMENTS
13.993	14.004	MO 10	58.1	28	16	11900.0	284.0	29.8	17.1	1.5	71.0	BEGIN PROJECT
14.004	14.465	MO 10	2434.1	28	16	1554.4		1248.2	716.5	60.9	2975.0	
14.465	14.518	MO 10	279.8	28-40	16	1554.4		174.2	82.4	7.0	388.6	
14.518	14.543	MO 10	132.0	40	16	821.3		108.8	38.9	3.3	205.3	
14.543	14.553	MO 10	52.8	40-50	16	357.9		48.4	15.5	1.3	89.5	
14.553	14.58	MO 10	142.6	50	8	919.0		130.6	21.0	3.6	229.7	
14.58	14.637	MO 10	301.0	50-28	18	1906.3		275.6	99.7	7.5	476.6	
14.637	14.779	MO 10	749.8	28	16	3665.7		364.5	220.7	18.7	916.4	
14.779	14.826	MO 10	242.9	28-40	16	1349.4		151.3	71.5	6.1	337.4	
14.826	14.837	MO 10	58.1	40	16	361.5		42.6	17.1	1.5	90.4	
14.837	14.866	MO 10	153.1	40	16	952.6		112.2	45.1	3.8	238.2	
14.866	14.873	MO 10	37.0	28-40	16	205.6		23.0	10.9	0.9	51.4	
14.873	14.877	MO 10	21.1	28	16	103.2		10.8	6.2	0.5	25.8	
14.877	15.176	MO 10	1578.7	28	16	7718.1		809.6	464.7	39.5	1929.5	
15.176	15.179	MO 10	15.8	28	8	63.2		8.1	2.3	0.4	15.8	BEGIN BRIDGE EXCEPTION
15.179	15.193	MO 10	73.9	28	8	295.6		20.3	5.8	1.8	73.9	END BRIDGE EXCEPTION
15.236	15.25	MO 10	73.9	28	16	361.3		20.3	11.6	1.8	90.3	
15.25	16.07	MO 10	4329.6	28	16	21166.9		2220.3	1274.5	108.2	5291.7	
16.07	16.15	MO 10	264.0	54	6	3958.9		546.9	107.0	21.9	989.7	MO 10 AND MO 210 INTERSECTION
16.15	16.2	MO 10	110.9	54-28	6-16	1760.1		261.1	29.1	6.6	440.0	
16.2	16.221	MO 10	6489.1	28	16	616.1		83.3	22.4	2.8	154.0	
16.221	17.45	MO 10	211.2	28-40	16	31724.5		3327.7	1910.2	162.2	7931.1	
17.45	17.49	MO 10	369.6	40	16	2299.7		270.8	108.8	9.2	293.3	
17.49	17.56	MO 10	264.0	28-40	16	1466.7		164.4	77.7	6.6	574.9	
17.56	17.61	MO 10	422.4	40	16	2628.3		309.4	124.3	10.6	657.1	
17.61	17.69	MO 10	2006.4	28	16	9809.1		1028.9	590.6	50.2	2452.3	
17.69	18.07	MO 10	79.2	40	16	492.8		58.0	23.3	2.0	123.2	
18.07	18.085	MO 10	237.6	52	5	1504.8		226.3	21.9	5.9	376.2	
18.085	18.13	MO 10	369.6	52-28	5-16	2073.9		170.6	71.4	9.2	518.5	
18.13	18.2	MO 10	332.6	28	16	594.4		19.6	11.3	8.3	148.6	
18.2	18.263	MO 10	52.8	28	16	808.1	258.1	56.2	10.7	3.6	64.5	
18.263	18.273	MO 10	142.6	28-58	16-0	1429.4		117.8		5.5	202.0	1.5" MILL AND FILL
18.273	18.3	MO 10	221.8	58	0	340.3		28.0		1.3	357.3	1.5" MILL AND FILL
18.3	18.342	MO 10	52.8	58	0	850.7		70.1		3.3	85.1	1.5" MILL AND FILL
18.342	18.352	MO 10	132.0	58	0	340.3		28.0		1.3	212.7	1.5" MILL AND FILL
18.352	18.377	MO 10	52.8	58	0	850.7		28.0		1.3	85.1	1.5" MILL AND FILL
18.377	18.387	MO 10	269.3	58-46	0	1556.0		106.0		6.7	389.0	1.5" MILL AND FILL
18.387	18.438	MO 10	227.0	46	0	1160.2		120.6		5.7	290.1	1.5" MILL AND FILL
18.438	18.481	MO 10	301.0	40-28	6-18	405.1		118.5		7.5	101.3	1.5" MILL AND FILL
18.481	18.538	MO 10	52.8	28	18	2534.5	269.9	19.6	12.7	1.3	67.5	
18.538	18.548	MO 10	506.9	28	18-16	1799.8		259.9	158.5	12.7	633.6	
18.548	18.645	MO 10	311.5	28-52	16-8	1619.3		228.2	80.2	7.8	449.9	
18.645	18.704	MO 10	242.9	52	8	1408.0		231.3	35.8	6.1	404.8	
18.704	18.75	MO 10	264.0	40	8	1079.6		193.4	38.9	6.6	352.0	
18.75	18.8	MO 10	105.6	26-28	8	410.7		52.2	15.5	2.6	102.7	
18.8	18.82	MO 10	242.9	28	8-16	1619.1		124.6	53.6	6.1	269.9	
18.82	18.866	MO 10	364.3	28	16	129.1		186.8	106.8	9.1	404.8	
18.866	18.935	MO 10	26.4	28	16			13.5	7.8	0.7	32.3	
18.935	18.94	MO 10	10.6	28	16			9.4	5.4	0.3	13.0	
18.94	18.942	MO 10										
33.463	33.478	MO 210	79.2	28	20		422.4	40.6	29.1	2.0	105.6	MO 210 EB LOG MILE COLDMILL 1.5"
33.478	33.532	MO 210	285.1	28-36	20-12	1520.5		167.1	83.9	7.1	380.1	MO 210 EB LOG MILE COLDMILL 1.5"
33.532	33.626	MO 210	496.3	36	12	2646.9		327.2	109.6	12.4	661.7	MO 210 EB LOG MILE COLDMILL 1.5"
					SUBTOTAL 1	134805	1943	15186.9	7162.0	680.1	34187	

* MAY MILL INTO CONCRETE



REVISED: MODIFIED TACK COAT QUANTITY

SUMMARY OF QUANTITIES SHEET 6 OF 11

LOG MILE	LOG MILE	LOCATION	LENGTH (FT)	MAINLINE WIDTH (FT)	SHOULDER WIDTH (FT)	COLDMILLING FOR REMOVAL OF SURFACING (<_3 IN.) (SY)	*MODIFIED COLDMILLING (DEPTH TRANSITIONS) (SY)	SP095C PG 70-22 MIX (TON)	BP-11T WITH 58-28 MIX (TON)	PERMANENT AGGREGATE EDGE TREATMENT (TON)	TACK COAT NON-TRACKING (GAL)	COMMENTS
18.942	19.046	MO 10	549.1	28	16	2684.5		258.1	298.4	27.5	671.1	
19.046	19.056	MO 10	52.8	28	16			258.1	28.7	2.6	64.5	BEGIN BRIDGE EXCEPTION
19.113	19.123	MO 10	52.8	24	20			258.1	28.7	2.6	64.5	END BRIDGE EXCEPTION
19.123	19.29	MO 10	881.8	24	20	4311.0			479.2	44.1	1077.8	
19.29	19.34	MO 10	264.0	36	16	1525.3			169.6	13.2	381.3	
19.34	19.355	MO 10	79.2	48	14	545.6			60.7	4.0	136.4	
19.355	19.39	MO 10	184.8	48-36	14-18	1190.9			132.4	9.2	297.7	
19.39	19.41	MO 10	105.6	36	18	633.6			70.4	5.3	158.4	
19.41	19.47	MO 10	316.8	36-24	18-20	1724.8			191.7	15.8	431.2	
19.47	19.67	MO 10	1056.0	24	20	5162.7			573.9	52.8	1290.7	
19.67	19.78	MO 10	580.8	24	20	2839.5			315.7	29.0	709.9	
19.78	19.85	MO 10	369.6	24	20	1806.9			200.9	18.5	451.7	
19.85	19.86	MO 10	52.8	24	10	199.5			22.2	2.6	49.9	
19.86	19.978	MO 10	623.0	24	20	3045.8			338.6	31.2	761.4	
19.978	20.742	MO 10	4033.9	24	20	19721.3			2192.3	201.7	4930.3	
20.742	20.752	MO 10	52.8	24	20			258.1	28.7	2.6	64.5	CONCRETE INTERSECTION BEGIN
20.837	20.847	MO 10	52.8	24	20			258.1	28.7	2.6	64.5	CONCRETE INTERSECTION END
20.847	22.238	MO 10	7344.5	24	20	35906.4			3991.6	367.2	8976.6	
22.238	22.248	MO 10	52.8	24	20			258.1	28.7	2.6	64.5	END OF PROJECT
						SUBTOTAL 2	81298	1291	9181.1	835.1	20647	

* MAY MILL INTO CONCRETE

1 REVISSED: TACK COAT NON-TRACKING QUANTITY

RAMP PAVEMENT QUANTITIES

RAMP LOG MILE	RAMP LOG MILE	LOCATION	LENGTH (FT)	TRAVELWAY WIDTH (FT)	SHOULDER WIDTH (FT)	COLDMILLING FOR REMOVAL OF SURFACING (<_3 IN.) (SY)	*MODIFIED COLDMILLING (DEPTH TRANSITIONS) (SY)	SP095C PG 70-22 MIX (TON)	BP-11T WITH 58-28 MIX (TON)	TYPE 5 AGGREGATE FOR BASE (6. IN THICK) SY	PG 64-22 (BASE) (TON)	PERMANENT AGGREGATE EDGE TREATMENT (TON)	MODIFIED TACK COAT (GAL)	TACK COAT NON-TRACKING (GAL)	COMMENTS
0	0.297	MO 10 EB TO RTE T	1568.2	15.6	5.1	3606.9		594.5				82.8	901.7		INTERSECTION
0.297	0.299	MO 10 EB TO RTE T	10.6			106.7		17.6				0.6	26.7		INTERSECTION
0.299	0.31	MO 10 EB TO RTE T	58.1					37.3				3.1	94.8		INTERSECTION
0.004	0.012	RTE T TO MO 10 EB	42.2					649.9				2.1	162.5		INTERSECTION
0.012	0.026	RTE T TO MO 10 EB	73.9					35.2				3.7	53.3		INTERSECTION
0.028	0.2	RTE T TO MO 10 EB	908.2	15.4	3.8	1937.5		319.4				45.4	484.4		INTERSECTION
0	0.142	MO 10 WB TO RTE T	749.8	16.4	5.8	1849.5		304.9				37.5	462.4		INTERSECTION
0.142	0.149	MO 10 WB TO RTE T	37.0			55.2		9.1				1.9	13.8		INTERSECTION
0.149	0.157	MO 10 WB TO RTE T	42.2					37.2				2.1	103.8		INTERSECTION
0.005	0.013	RTE T TO MO 10 WB	42.2					497.3				2.1	124.3		INTERSECTION
0.013	0.022	RTE T TO MO 10 WB	47.5			166.3		27.4				2.4	41.6		INTERSECTION
0.022	0.225	RTE T TO MO 10 WB	1071.8	15.8	4.5	2417.5		398.5				53.6	604.4		INTERSECTION
0	0.328	MO 10 EB TO MO 13	1731.8	16.0	6.4	4310.3		710.5				86.6	1077.6		INTERSECTION
0.328	0.332	MO 10 EB TO MO 13	21.1			77.4		12.8				1.1	19.4		INTERSECTION
0.332	0.343	MO 10 EB TO MO 13	58.1					39.7				2.9	101.3		INTERSECTION
0.006	0.013	MO 13 TO MO 10 EB	37.0					286.8				1.9	71.7		INTERSECTION
0.013	0.019	MO 13 TO MO 10 EB	31.7			84.3			9.4			1.6	21.1		INTERSECTION
0.019	0.25	MO 13 TO MO 10 EB	1219.7	14.9	3.9	2547.8			283.2			61.0	637.0		INTERSECTION
0.04	0.245	MO 10 WB TO MO 13	1082.4	15.3	3.8	2297.1			255.4			54.1	574.3		INTERSECTION
0.245	0.25	MO 10 WB TO MO 13	26.4			76.6			8.5			1.3	19.1		INTERSECTION
0.25	0.26	MO 10 WB TO MO 13	52.8					249.2	27.7			2.6	62.3		INTERSECTION
0.008	0.019	MO 13 TO MO 10 WB	58.1					345.7				2.9	86.4		INTERSECTION
0.019	0.027	MO 13 TO MO 10 WB	42.2			94.1		15.5				2.1	23.5		INTERSECTION
0.027	0.275	MO 13 TO MO 10 WB	1309.4	15.5	3.8	2807.9		462.8				65.5	702.0		INTERSECTION
						SUBTOTAL 3	22648	3228	3189.2	793.2	259.4	520.9	5084	1385.5	

* MAY MILL INTO CONCRETE

1 REVISSED: MODIFIED TACK COAT AND TACK COAT NON-TRACKING QUANTITIES

SUMMARY OF QUANTITIES SHEET 7 OF 11

ENTRANCE QUANTITIES

LOG MILE	LOCATION	LENGTH FT	WIDTH FT	TYPE 5 AGGREGATE BASE (FOR SHOULDERS) TON	BP-1LT 58/28 H TON	COLDMILLING BITUMINOUS PVMT FOR REMOVAL OF SURFACING (< 3") SY	TACK GAL	COMMENTS
27.299	MO 10 RT	85	10	1.8				
27.562	MO 10 RT	42	10		2.59	93.7	9.4	SOUTH ST
27.726	MO 10 RT	50	10	1.1				
27.907	MO 10 LT	20	10	0.4				
28.217	MO 10 LT	12	10	0.3				
28.605	MO 10 LT	30	10	0.6				
28.605	MO 10 RT	12	10	0.3				
28.633	MO 10 LT	30	10	0.6				
28.737	MO 10 RT	48	10	1.0				S LITTLE BRICK RD
28.737	MO 10 LT	29	10	0.6				N LITTLE BRICK RD
28.867	MO 10 LT	27	10	0.6				
28.892	MO 10 LT	22	10	0.5				
29.067	MO 10 RT	20	10	0.4				
29.207	MO 10 RT	35	10	0.8				
29.487	MO 10 RT	30	10	0.6				
29.995	MO 10 LT	40	10	0.9				HISINGER LAKE RD
30.147	MO 10 LT	30	10	0.6				
30.207	MO 10 RT	33	10	0.7				
30.398	MO 10 LT	20	10	0.4				
30.75	MO 10 RT	52	10		3.21	116.0	11.6	COUNTY LINE RD
30.75	MO 10 LT	73	10		4.50	162.8	16.3	COUNTY LINE RD
31.651	MO 10 RT	55	10		3.39	122.7	12.3	COUNTY RD 503
31.789	MO 10 LT	37	10		2.28	82.5	8.3	COUNTY RD 111
32.437	MO 10 RT	50	10	1.1				
32.487	MO 10 RT	110	2		1.36	49.1	4.9	
32.651	MO 10 RT	30	10	0.6				
32.811	MO 10 LT	46	10		2.84	102.6	10.3	COUNTY RD 121
33.179	MO 10 RT	80	45		22.20	802.8	80.3	ROUTE FF
SUBTOTAL 1				19.3	75.70	2737.3	273.9	
SUBTOTAL 2				13.9	42.4	1532.2	153.4	
TOTAL				33.2	118.1	4269.5	427.3	

PAVEMENT QUANTITIES

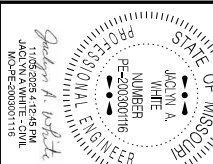
LOG MILE	LOG MILE	LENGTH FT	MAINLINE WIDTH FT	LEFT AND RIGHT SHOULDER WIDTH FT	COLDMILLING BITUMINOUS PVMT (< 3") SY	BP-1LT 58/28 H TON	TACK GAL	TYPE 5 AGGREGATE BASE (FOR SHOULDERS) TON	**PERMANENT AGGREGATE EDGE TREATMENT TON	COMMENTS
22.248	23.147	4746.72	25	12	13185.3	1465.77	1318.5	122.5	247.88	BEGIN PROJECT, BEGIN BRIDGE EXCEPTION
23.16	23.627	2465.76	25	12	6849.3	761.42	684.9	63.6	128.77	END BRIDGE EXCEPTION, BEGIN BRIDGE EXCEPTION
23.657	24.147	2587.2	25	12	7186.7	798.92	718.7	66.7	135.11	END BRIDGE EXCEPTION, BEGIN BRIDGE EXCEPTION
24.162	24.477	1663.2	25	12	4620.0	513.59	462.0	42.9	86.86	END BRIDGE EXCEPTION
24.477	24.717	1267.2	24	20	281.6	313.05	28.2	0.0	66.18	BRIDGE APPROACH
24.717	24.737	105.6	24	20	984.4	495.66	98.4	0.0	5.51	END BRIDGE EXCEPTION
24.837	25.217	2006.4	24	12	12496.0	1389.14	1249.6	116.1	234.92	SOUTH OUTER ROAD, USING RTE 10 LOG MI
25.217	26.069	4498.56	25	20	733.3	81.52	73.3	11.4	13.79	
26.069	26.119	264	25	12	7318.7	813.59	731.9	68.0	137.59	
26.119	26.618	2634.72	25	20	3942.4	438.26	394.2	77.21	77.21	BEGIN BRIDGE EXCEPTION
26.618	26.898	1478.4	24	20	1323.5	147.13	132.4	789.6	25.92	END BRIDGE EXCEPTION
26.985	27.079	496.32	24	12	42504.0	4725.03	4250.4	865.8	799.08	END BRIDGE AT SHLDR TO CARROLL COUNTY LINE
27.079	29.977	15301.44	25	12	46610.7	5181.95	4661.1	2146.6	876.28	END PROJECT
29.997	33.175	16779.84	25	12	148035.90	17265.31	14803.6	33.20	2939.88	
SUBTOTALS					152305	17383	15231	5120	0.00	
ENTRANCE TOTALS					4269.50	118.10	427.0			
PAY TOTALS					152305	17383	15231	5120	0.00	

*+USE TYPE 5 AGGREGATE BASE

1 REVISED

1 REVISED

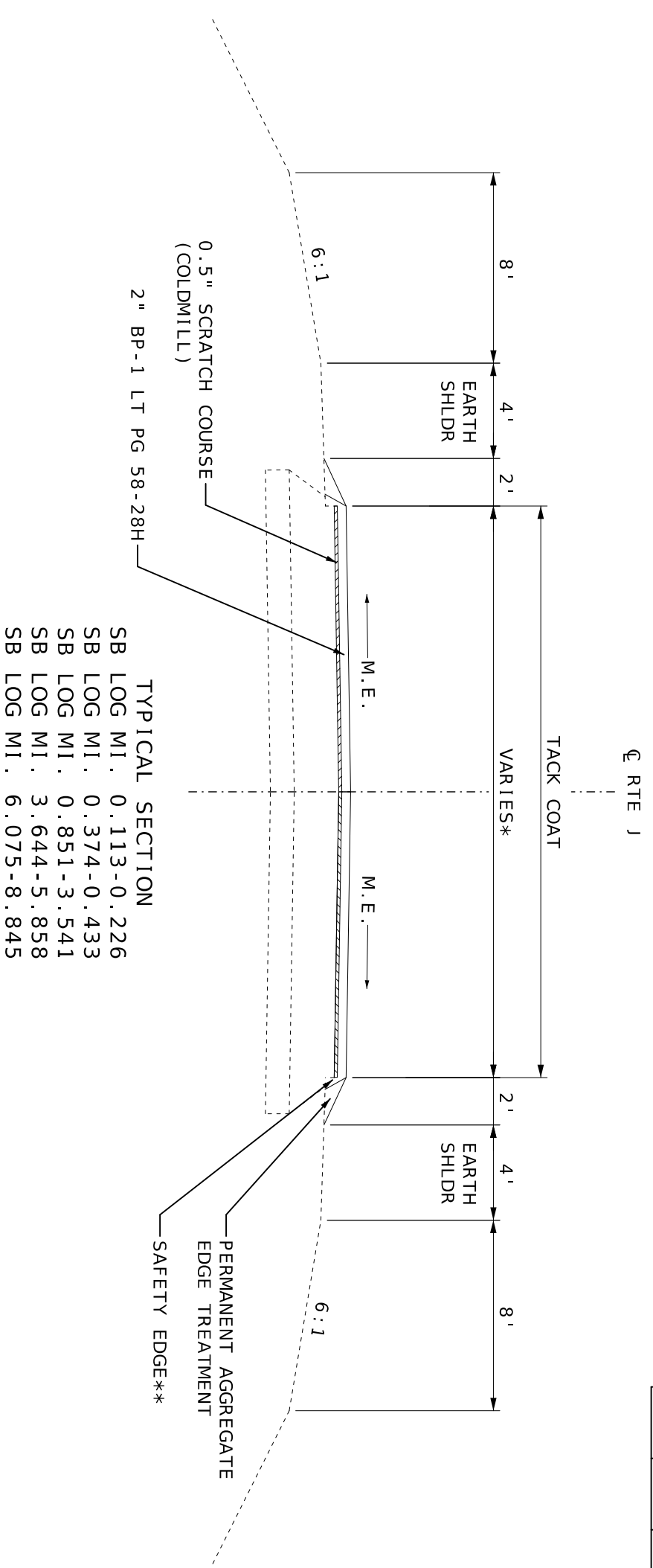
SUMMARY OF QUANTITIES
SHEET 3 OF 8



ESTIMATE FACTORS FOR INFORMATION PURPOSES ONLY	
BP-1	2.001 TON/CY
PERMANENT AGGREGATE EDGE TREATMENT	2.244 TON/CY
TACK COAT (COLDMILLED SURFACE)	0.10 GAL/SY



NOTE:
 SURFACE PLACEMENT SHALL BE ONE PASS PER LANE
 NO S. E. CORRECTION.
 M. E. : MATCH EXISTING
 **SAFETY EDGE STD. 401.00C



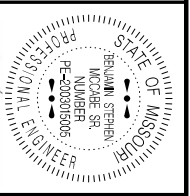
TYPICAL SECTION

SB LOG MI.	0.113-0.226
SB LOG MI.	0.374-0.433
SB LOG MI.	0.851-3.541
SB LOG MI.	3.644-5.858
SB LOG MI.	6.075-8.845

* TRAVELWAY WIDTHS		
SB LOG MILE	SB LOG MILE	AVERAGE MAINLINE WIDTH FT
0.000	0.366	24
0.366	0.866	22
0.866	3.771	23
3.771	5.627	24
5.627	5.858	27
5.858	6.075	CONCRETE EXCEPTION
6.075	6.304	27
6.304	8.090	24
8.090	8.845	24

NOT TO SCALE

REVISIONS
 1 REVISED
 TYPICAL SECTION
 SHEET 2 OF 3



BRIDGES AND STRUCTURES
 MOBILE SR.
 DATE PREPARED
 11/3/2025

ROUTE J
 STATE MO
 DISTRICT KC
 SHEET NO. 2

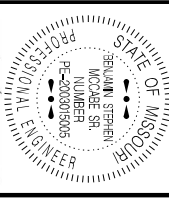
COUNTY RAY
 JOB NO. JKU0419
 CONTRACT ID.

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)



11/01/2025 8:25:13 AM
 BRIDGES AND STRUCTURES
 MISSOURI HIGHWAY TRANSPORTATION COMMISSION
 MOPE-2000013000


DATE PREPARED
 11/3/2025
 ROUTE
 J
 STATE
 MO
 DISTRICT
 KC
 SHEET NO.
 2

COUNTY
 RAY
 JOB NO.
 JKU0419
 CONTRACT ID.

PROJECT NO.
 BRIDGE NO.

DATE	DESCRIPTION

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION



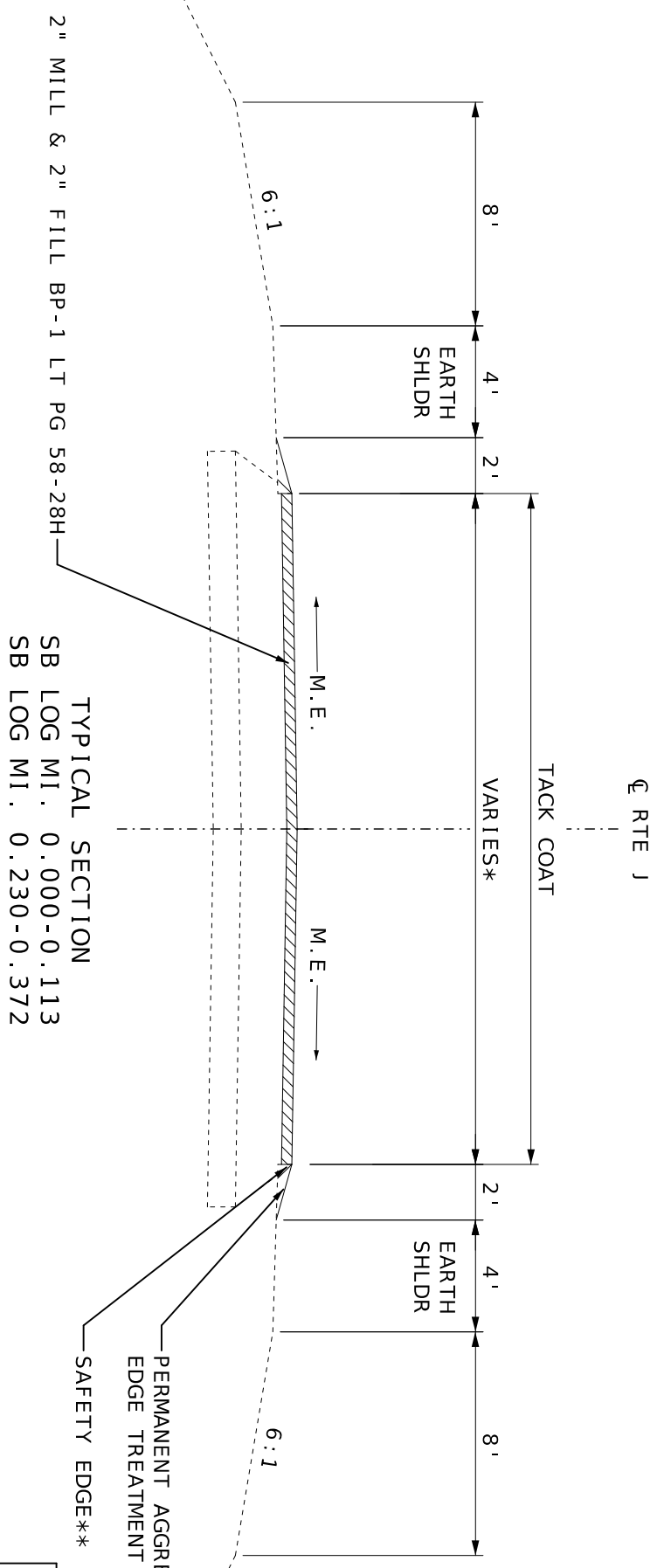
105 WEST CAPITOL
 JEFFERSON CITY, MO 65102
 1-888-ASK-MODOT (1-888-275-6636)

ESTIMATE FACTORS FOR INFORMATION PURPOSES ONLY	
BP-1	2.001 TON/CY
PERMANENT AGGREGATE	2.244 TON/CY
TACK COAT (COLDMILLED SURFACE)	0.10 GAL/LSY



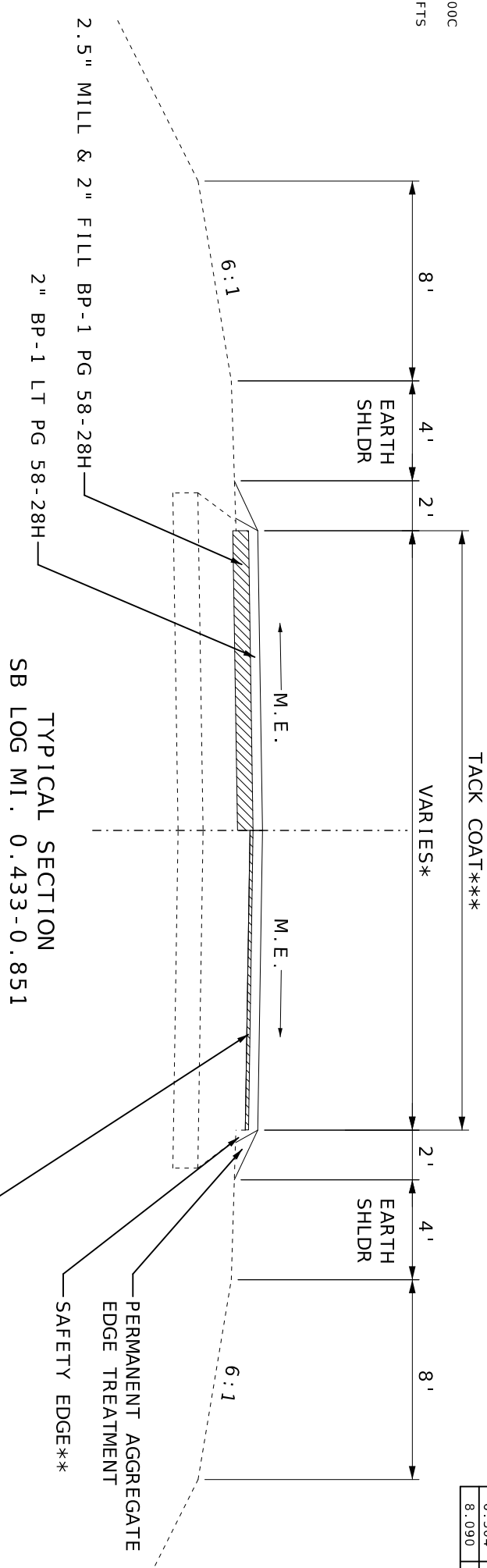
NOTE:

SURFACE PLACEMENT SHALL BE ONE PASS PER LANE
 NO S.E. CORRECTION.
 M.E.: MATCH EXISTING
 **SAFETY EDGE STD. 401.00C
 ***TACK COAT BETWEEN LIFTS



TYPICAL SECTION
 SB LOG MI. 0.000-0.113
 SB LOG MI. 0.230-0.372

*TRAVELWAY WIDTHS		
SB LOG MILE	SB LOG MILE	AVERAGE MAINLINE WIDTH FT
0.000	0.366	24
0.366	0.866	22
0.866	3.771	23
3.771	5.627	24
5.627	5.858	27
5.858	6.075	CONCRETE EXCEPTION
6.075	6.304	27
6.304	8.090	24
8.090	8.845	24



TYPICAL SECTION
 SB LOG MI. 0.433-0.851

TYPICAL SECTION
 SHEET 3 OF 3

NOT TO SCALE

REVISIED

(2" THICK MILL UNLESS NOTED OTHERWISE)
 1
 IN REMARKS)

PAVEMENT

SB LOG MILE	SB LOG MILE	LOCATION	LENGTH	AVERAGE TRAVELWAY WIDTH	DEPTH	COLD MILLING (2" THICK MILL)	COLD MILLING (0.5" SCRATCH COURSE)	2" BP-1 PG 58-28H FILL	2" BP-1 LT PG 58-28H OVERLAY	TACK COAT	PERMANENT AGGREGATE EDGE TREATMENT (INCLUDING ENTRANCES)	REMARKS	
			FT	FT	IN	SY	SY	TON	TON	GAL	AVG. WIDTH FT	AVG. DEPTH IN	TON
0.000	0.033	ROUTE J	174.24	48	6	929.28	SY	103.30	-	92.93	2.00	3.00	28.96
0.033	0.113	ROUTE J	422.40	24	6	1,126.40	SY	176.87	-	112.64	2.00	3.00	35.11
0.113	0.226	ROUTE J	596.64	24	6	1,591.04	SY	176.87	-	159.10	2.00	3.00	49.59
0.230	0.366	ROUTE J	718.08	24	6	1,914.88	SY	212.87	-	191.49	2.00	3.00	59.68
0.366	0.372	ROUTE J	31.68	22	6	77.44	SY	8.61	-	7.74	2.00	6.00	5.27
0.374	0.433	ROUTE J	311.52	22	6	761.49	SY	84.65	-	76.15	2.00	6.00	51.78
0.433	0.851	ROUTE J	2,207.04	22	6	2,697.49	SY	299.87	-	1,079.00	2.00	6.00	366.86
0.851	0.866	ROUTE J	79.20	22	6	193.60	SY	21.52	-	19.36	2.00	6.00	13.16
0.866	3.541	ROUTE J	14,124.00	23	6	36,094.67	SY	4,012.52	-	3,609.47	2.00	6.00	2,347.72
3.644	3.771	ROUTE J	670.56	23	6	1,713.65	SY	190.50	-	171.37	2.00	6.00	111.46
3.771	5.627	ROUTE J	9,799.68	24	6	26,132.48	SY	2,905.06	-	2,613.25	2.00	6.00	1,628.92
5.627	5.858	ROUTE J	1,219.68	27	6	3,659.04	SY	406.76	-	365.90	2.00	6.00	202.74
6.075	6.304	ROUTE J	1,209.12	27	6	3,627.36	SY	403.24	-	362.74	2.00	3.00	100.49
6.304	8.000	ROUTE J	8,954.88	24	6	23,879.68	SY	2,654.62	-	2,387.97	2.00	3.00	744.25
8.004	8.024	ROUTE J	126.72	VARIES	6	816.67	SY	10.09	-	81.67	2.00	3.00	10.53
8.024	8.845	ROUTE J	4,334.88	24	6	11,559.68	SY	1,285.05	-	1,155.97	2.00	3.00	360.28
LEXINGTON ROAD			50.00	24	6	133.33	SY	14.82	-	13.33	2.00	3.00	4.16
3 ASPHALT ENTRANCES			VARIES	VARIES	6	-	SY	11.10	-	10.00	-	-	-
11 ASPHALT CITY AND COUNTY ROADS			VARIES	VARIES	6	-	SY	115.65	-	90.52	-	-	-
2% FOR SAFETY EDGE (EXCLUDES ENTRANCES, CITY & COUNTY ROADS)			80.96	-	6	2,257.20	SY	249.31	-	-	-	-	-
SUBTOTAL			6,826.45			115,117.38	SY	811.55		12,841.63			6,120.96
PAY TOTAL			121,944			13,653.21	SY	13,653.21		12,601			6,121

PAVEMENT REPAIR

LOG MILE	LOG MILE	LOCATION	LENGTH	AVERAGE TRAVELWAY WIDTH	DEPTH	FURNISHING AND PLACING CONC. MATERIAL	SUBGRADE COMPACTION (6" DEPTH)	TYPE 5 AGG. BASE (4" THICK)	FULL DEPTH SAW CUTS	DOWEL BAR	REMOVAL	CLASS B PARTIAL DEPTH FURNISHING AND PLACING	TACK COAT	REMOVALS
			FT	FT	IN	SY	SY	SY	LF	EA	SY	TON	GAL	
SOUTHBOUND														
8.076	8.077	ROUTE J	6	12	6	8	0.8	0.8	36	20				
8.112	8.113	ROUTE J	6	12	6	8	0.8	0.8	36	20				
8.275	8.276	ROUTE J	6	12	6	8	0.8	0.8	36	20				
8.321	8.322	ROUTE J	6	12	6	8	0.8	0.8	36	20				
8.459	8.460	ROUTE J	6	12	6	8	0.8	0.8	36	20				
8.675	8.676	ROUTE J	6	12	6	8	0.8	0.8	36	20				
8.720	8.721	ROUTE J	6	12	6	8	0.8	0.8	36	20				
8.793	8.794	ROUTE J	6	12	6	8	0.8	0.8	36	20				
8.844	8.845	ROUTE J	6	12	6	8	0.8	0.8	36	20				
NORTHBOUND														
0.727	0.728	ROUTE J	6	12	6	8	0.8	0.8	36	20				
0.773	0.774	ROUTE J	6	12	6	8	0.8	0.8	36	20				
0.907	0.908	ROUTE J	6	12	6	8	0.8	0.8	36	20				
0.988	0.989	ROUTE J	6	12	6	8	0.8	0.8	36	20				
1.157	1.158	ROUTE J	6	12	6	8	0.8	0.8	36	20				
1.206	1.207	ROUTE J	6	12	6	8	0.8	0.8	36	20				
1.394	1.395	ROUTE J	6	12	6	8	0.8	0.8	36	20				
1.439	1.44	ROUTE J	6	12	6	8	0.8	0.8	36	20				
1.483	1.484	ROUTE J	6	12	6	8	0.8	0.8	36	20				
1.497	1.498	ROUTE J	6	12	6	8	0.8	0.8	36	20				
1.535		ROUTE J												
SUBTOTAL						152	15.2	15.2	684	380	200	44.5	20	
PAY TOTAL						152	15	15	684	380	200	44.5	20	

1 REVISED

SUMMARY OF QUANTITIES
 SHEET 1 OF 3

MODIFIED
COLDMILLING
(DEPTH
TRANSITIONS) 1

MODIFIED COLDMILLING (DEPTH TRANSITIONS) 1

MOBILIZATION
1 = LUMP SUM

SB LOG MILE	SB LOG MILE	LOCATION	AVERAGE TRAVELWAY WIDTH	MODIFIED COLDMILLING	REMARKS
0.113	0.127	ROUTE J	FT	200	
0.198	0.226	ROUTE J	24	400	FROM 2ND SCHOOL ENT. (APPROX. 0.113 MI S/O RTE 10/RTE J JUNCTION) TO RR CROSSING (XING) BNSF (X2) EXCEPTION
0.374	0.402	ROUTE J	22	367	FROM RR XING NORFOLK SOUTHERN EXCEPTION
3.527	3.541	ROUTE J	23	192	TO BR A2688 EXCEPTION
3.644	3.658	ROUTE J	23	192	FROM BR A2688 EXCEPTION
5.844	5.858	ROUTE J	27	225	TO CONCRETE AT RTE J & RTE 13 INTERCHANGE EXCEPTION
6.075	6.089	ROUTE J	27	225	FROM CONCRETE AT RTE J & RTE 13 INTERCHANGE EXCEPTION
8.831	8.845	ROUTE J	24	200	TO CONCRETE SECTION. 0.725 MI FROM PROJECT END
LEXINGTON RD			24	133	
3 ASPHALT ENTRANCES				100	
11 ASPHALT CITY AND COUNTY ROADS				358	
2 CONCRETE ENTRANCES				38	
SUBTOTAL				2,630	
PAY TOTAL				2,630	


TEMPORARY PAVEMENT
MARKING PAINT
1 = LUMP SUM

PAVEMENT MARKING

SB LOG MILE	SB LOG MILE	LENGTH	4" YELLOW CLASS 1 P'VMT MARKING TYPE P BEADS	INTERMITTENT CLASS 1 P'VMT MARKING TYPE P BEADS	4" WHITE CLASS 1 P'VMT MARKING TYPE P BEADS	PREFORMED THERMOPLASTIC P'VMT MARKING 24" WHITE STOP BAR	PREFORMED THERMOPLASTIC P'VMT MARKING R/R CROSSING MARKER	REMARKS
0.000	0.459	LF	5,007.04	LF	5,007.04	LF	EA	BEGIN PROJECT, INCLUDES BOTH RTE 10/RTE J JUNCTIONS
0.207	0.216	50.00				24.00	1	RR CROSSING (XING) BNSF (X2) EXCEPTION
0.249	0.258	50.00				24.00	1	RR CROSSING (XING) BNSF (X2) EXCEPTION
0.353	0.362	50.00				22.00	1	RR XING NORFOLK SOUTHERN EXCEPTION
0.393	0.402	50.00				22.00	1	RR XING NORFOLK SOUTHERN EXCEPTION
0.459	0.680	1,166.88	1,166.88	292.00	2,333.76			
0.680	2.774	11,056.32		2,765.00	22,112.64			
2.774	2.912	728.64	728.64	183.00	1,457.28			
2.912	3.360	2,365.44	4,730.88		4,730.88			
3.360	3.525	871.20	871.20	218.00	1,742.40			
3.525	3.735	1,108.80	2,217.60		2,217.60			
3.735	3.848	596.64	596.64	150.00	1,193.28			
3.848	5.585	9,171.36		2,293.00	18,342.72			
5.585	5.719	707.52	707.52	177.00	1,415.04			
5.719	6.261	2,861.76	5,723.52		5,723.52			INCLUDES CONCRETE AT RTE J & RTE 13 INTERCHANGE EXCEPTION
6.261	6.399	728.64	728.64	183.00	1,457.28			
6.399	6.619	1,161.60		291.00	2,323.20			
6.619	6.697	411.84	411.84	103.00	823.68			
6.697	7.056	1,895.52	3,791.04		3,791.04			
7.056	7.117	322.08	322.08	81.00	644.16			
7.117	7.937	4,329.60		1,083.00	8,659.20			
7.937	8.014	406.56	813.12		813.12			INTERSECTION RTE J & LEXINGTON RD (OLD RTE 13)
8.014	8.058	200.64	401.28		401.28			
8.058	8.179	638.88	638.88	160.00	1,277.76			
8.179	8.334	818.40	1,636.80		1,636.80			
8.334	8.423	469.92	469.92	118.00	939.84			INCLUDES CONCRETE EXCEPTION, 0.725 MI FROM PROJECT END
8.423	8.994	3,014.88		754.00	6,029.76			
8.994	9.169	924.00	924.00	231.00	1,848.00			CONCRETE EXCEPTION
9.169	9.286	617.76	1,235.52		1,235.52			CONCRETE EXCEPTION
9.286	9.570	1,499.52	1,499.52	375.00	2,999.04			CONCRETE EXCEPTION
SUBTOTAL			34,622.56	9,457.00	101,155.84	110.00	4.00	
PAY TOTAL			44,080		101,156	110	4	

1 REVISED

SUMMARY OF QUANTITIES
SHEET 2 OF 3



MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

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

DATE	DESCRIPTION

BRIDGE NO.:

PROJECT NO.:

CONTRACT ID.:

JOB NO. JKU0419

COUNTY RAY

DISTRICT KC

ROUTE J

STATE MO

SHEET NO. 3

DATE PREPARED 11/3/2025

DESIGNED BY: [Signature]

PROF. ENGINEER: [Signature]

STATE OF MISSOURI: [Signature]