

MOT-4-(17.79)(18.03)

MODEL: Sheet PAPER: 17x11 (in.) DATE: 2/21/2023 TIME: 11:50:51 AM USER: cm008
 P:\CDT\07\0686_MOT-4-(17.79_18.03)\1803101849\40b-Engineering\Roadway\Sheets\101849_PavementCalcs.dgn

STATION RANGE			ROUTE	DESCRIPTION	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW	CADD GENERATED AREA	202	204	254	301	304	407	407	407	409	442	442	
									PAVEMENT REMOVED	SUBGRADE COMPACTION (A/9)	PAVEMENT PLANING, ASPHALT CONCRETE (1.5" AVG DEPTH)	11" ASPHALT CONCRETE BASE, PG64-22, (449) (11"A/(12x27))	6" AGGREGATE BASE (6"A/(12x27))	TACK COAT, 702.13 (A/9 x 0.070)	NON-TRACKING TACK COAT (0.055 GAL/SY)	NON-TRACKING TACK COAT (0.085 GAL/SY)	SAWING AND SEALING ASPHALT CONCRETE PAVEMENT JOINTS	1.5" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (PG70-22M) (1.5"A/(12x27))	1.75" ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (448) (PG70-22M) (1.75"A/(12x27))	
					FT	FT	SF	SF	SY	SY	SY	CY	CY	GAL	GAL	GAL	FT	CY	CY	
168+64.48	TO	174+12.37	S.R. 4 ON RAMP	MILL & RESURFACE				26345			2927					249	95	122		
174+12.37	TO	175+89.00	S.R. 4 ON RAMP	BRIDGE LIMITS													119			
175+89.00	TO	177+30.09	S.R. 4 ON RAMP	MILL & RESURFACE			7486			832					71			35		
177+30.09	TO	186+02.00	S.R. 4 ON RAMP	BRIDGE LIMITS													112			
186+02.00	TO	188+21.34	S.R. 4 ON RAMP	MILL & RESURFACE			9864			1096					93			46		
188+21.34	TO	190+21.91	S.R. 4 ON RAMP	BRIDGE LIMITS													101			
190+21.91	TO	8+00.00	ON RAMP & \ NB S.R. 4	MILL & RESURFACE			51767			5752					489			240		
11+00.00	TO	19+03.22	\ NB S.R. 4 & \ S.R. 4	MILL & RESURFACE			42461			4718					401			197		
RAMP N-16 & SB S.R. 4 TO STA. 8+00.00 ON \ SB S.R. 4				MILL & RESURFACE			92527			10281					874	42		428		
11+25.00	TO	19+03.22	\ SB S.R. 4 & \ S.R. 4	MILL & RESURFACE			39379			4375					372			182		
8+00.00	TO	8+50.63	SB S.R. 4	FULL DEPTH PAVEMENT	50.63		2604				90			32				12	14	
8+00.00	TO	8+50.63	SB S.R. 4	FULL DEPTH PAVEMENT	50.63		2663							16						
8+00.00	TO	8+50.63	SB S.R. 4	FULL DEPTH PAVEMENT	50.63		2739					51								
8+00.00	TO	8+50.63	SB S.R. 4	FULL DEPTH PAVEMENT	50.63		2756		306											
10+71.13	TO	11+25.00	SB S.R. 4	FULL DEPTH PAVEMENT	53.87	63.00	3394							41				16	18	
10+71.13	TO	11+25.00	SB S.R. 4	FULL DEPTH PAVEMENT	53.87	64.17	3457				117			21						
10+71.13	TO	11+25.00	SB S.R. 4	FULL DEPTH PAVEMENT	53.87	65.67	3537					66								
10+71.13	TO	11+25.00	SB S.R. 4	FULL DEPTH PAVEMENT	53.87	66.00	3555		395											
8+00.00	TO	8+28.92	NB S.R. 4	FULL DEPTH PAVEMENT	28.92		2094							26				10	11	
8+00.00	TO	8+28.92	NB S.R. 4	FULL DEPTH PAVEMENT	28.92		2128			72				13						
8+00.00	TO	8+28.92	NB S.R. 4	FULL DEPTH PAVEMENT	28.92		2171					40								
8+00.00	TO	8+28.92	NB S.R. 4	FULL DEPTH PAVEMENT	28.92		2181		242											
10+49.28	TO	11+00.00	NB S.R. 4	FULL DEPTH PAVEMENT	50.72	64.50	3271							40				15	18	
10+49.28	TO	11+00.00	NB S.R. 4	FULL DEPTH PAVEMENT	50.72	65.67	3331				113			20						
10+49.28	TO	11+00.00	NB S.R. 4	FULL DEPTH PAVEMENT	50.72	67.17	3407					63								
10+49.28	TO	11+00.00	NB S.R. 4	FULL DEPTH PAVEMENT	50.72	67.50	3424		380											
8+50.63	TO	8+75.63	SB S.R. 4	APPROACH SLAB	25.00	64.67	1617				55		13	30			68	7	9	
8+50.63	TO	8+75.63	SB S.R. 4	APPROACH SLAB	25.00	68.00	1700		189			31								
10+46.13	TO	10+71.13	SB S.R. 4	APPROACH SLAB	25.00	64.67	1617				55		13	30			66	7	9	
10+46.13	TO	10+71.13	SB S.R. 4	APPROACH SLAB	25.00	68.00	1700		189			31								
8+28.92	TO	8+53.92	NB S.R. 4	APPROACH SLAB	25.00	64.67	1617				55		13	30			68	7	9	
8+28.92	TO	8+53.92	NB S.R. 4	APPROACH SLAB	25.00	68.00	1700		189			31								
10+24.28	TO	10+49.28	NB S.R. 4	APPROACH SLAB	25.00	64.67	1617				55		13	30			66	7	9	
10+24.28	TO	10+49.28	NB S.R. 4	APPROACH SLAB	25.00	68.00	1700		189			31								
8+00.00	TO	8+75.63	SB S.R. 4	EXISTING PAVEMENT	75.63		3018	335												
10+46.13	TO	11+25.00	SB S.R. 4	EXISTING PAVEMENT	78.87		3656	406												
8+00.00	TO	8+53.92	NB S.R. 4	EXISTING PAVEMENT	53.92		2400	267												
10+24.28	TO	11+00.00	NB S.R. 4	EXISTING PAVEMENT	75.72		3771	419												
SUBTOTAL														329	2549			1331	97	
TOTALS CARRIED TO GENERAL SUMMARY									1427	2079	29981	612	344	52	2878	737			1428	

PAVEMENT CALCULATIONS

DESIGN AGENCY



DESIGNER

KDW

REVIEWER

TWG 02-21-23

PROJECT ID

101849

SHEET

TOTAL

1 | 1