

Pavement Calculations

HAS-149-1.17

PID: 112387

By: DAB

REV. BSH 8/29/24  
REV. LRB 12/3/24

\* includes 4 inch step (at edge of full depth paved shoulder only)

\*\* includes 10 inch step (at edge of full depth paved shoulder only)

# includes 16 inch step (at edge of full depth paved shoulder only)

+ includes 18 inch extension per spec 204.03 (at edge of full depth paved shoulder only)

REV. LRB 12/3/24								Item 441		Item 441		Item 441		Item 301			Item 304		Item 204	Item 407			Item 254	202
Station		Side	Length	Begin Width	End Width	Average Width	Surface Area	Surface Course, Type 1, (449), (Driveways)		Surface Course, Type 1, (449), PG70-22M		Intermediate Course		Lift Thk.	*Asphalt Base	**Asphalt Base	#Aggregate Base		+Subgrade Compaction	Tack Coat (0.085)	Tack Coat (2 App.) (0.055)	Tack Coat (0.055)*	PAVEMENT PLANING, ASPHALT CONCRETE 3"	PAVEMENT REMOVED (CADD Area)
From	To							Thickness	CU. YD.	Thickness	CU. YD.	Thickness	CU. YD.		CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.	CU. YD.
Mainline Pavement (FULL DEPTH)				FT.	FT.	FT.	SQ. FT.			1.25"	5.52	1.75"	7.72	4.00"	17.65	18.32	6.00"	26.48	158.89		17.48	8.74		
71+55.00	72+20.00	LT.	65.00	20.5	23.5	22	1430.00																	
71+55.00	72+20.00	RT.	65.00	15	12	13.5	877.50			1.25"	3.39	1.75"	4.74	4.00"	10.83	11.50	6.00"	16.25	97.50		10.73	5.36		
Mainline Pavement (RESURFACING)																								
70+50.00	71+55.00	LT.	105.00	10.5	10.5	10.5	1102.50			1.25"	4.25	1.75"	5.95							10.41			122.50	
72+20.00	73+25.00	LT.	105.00	12	12	12	1260.00			1.25"	4.86	1.75"	6.81							11.90			140.00	
70+50.00	71+55.00	RT.	105.00	15	15	15	1575.00			1.25"	6.08	1.75"	8.51							14.88			175.00	
72+20.00	73+25.00	RT.	105.00	12	12	12	1260.00			1.25"	4.86	1.75"	6.81							11.90			140.00	
Pavement (CADD AREA)																								
70+50	73+25.00	LT./RT.																					251.97	
Pavement Widening (FULL DEPTH)																								
70+50.00	71+55.00	LT.	105.00	3	10	6.5	682.50			1.25"	2.63	1.75"	3.69	4.00"	8.86	9.51	6.00"	15.23	93.33		8.34	4.38		
72+20.00	73+25.00	LT.	105.00	11.5	4.5	8	840.00			1.25"	3.24	1.75"	4.54	4.00"	10.80	11.45	6.00"	18.15	110.83		10.27	5.35		
Drive (AGGREGATE)																								
0+44.72	1+44.15	LT./RT.	99.43	12	12	12	1193.16										8.00"	29.46	132.57					
Paved Drive Apron (CADD AREA)																								
1+44.15	1+59.94	LT./RT.	15.79				244.97	2.00"	1.51								6.00"	4.54	27.22					
SUBTOTALS														48.15	50.78				49.09	46.81	23.83			
Totals - Carried to the General Summary								2		35		49		99		110	620		120		578	252		