

ASPHALT PAVEMENT TO BE CONSTRUCTED REGARDLESS OF FULL DEPTH PAVEMENT CHOICE

STATION RANGE	TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	204	254	301	304	407	407	411	442	442	442
							SUBGRADE COMPACTION	PAVEMENT PLANING, ASPHALT CONCRETE, 4"	ASPHALT CONCRETE BASE, PG64-22, (449), T=6"	AGGREGATE BASE, T=6"	NON-TRACKING TACK COAT, 0.06 GAL/SY	NON-TRACKING TACK COAT, 0.09 GAL/SY	STABILIZED CRUSHED AGGREGATE, T=10"	ASPHALT CONCRETE SURFACE COURSE, 12.5 MM, TYPE A (446), AS PER PLAN, PG76-22M, T=1.5"	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), T=2.5"	ASPHALT CONCRETE INTERMEDIATE COURSE, 19 MM, TYPE A (446), VARIABLE THICKNESS
			FT	FT	SY	SY	SY	SY	CY	CY	GAL	GAL	CY	CY	CY	CY
SOUTHBOUND RAMP T																
RESURFACING																
166+00.00	TO	172+67.00				1676.84		1676.84			100.61	150.92		69.87	116.45	
RESURFACING AGG. SHLDR.																
166+00.00	TO	172+12.45		612.45	2.00	136.10	136.10						37.81			
SHOULDER WIDENING																
172+12.45	TO	172+39.00		26.55	7.00	20.65	20.65		3.44		2.48			0.86	1.43	
		+4" (301)		26.55	0.33	0.97			0.16		0.06					
		AGG. SHLDR. (END AREA)		26.55	2.00	5.90	0.16	5.90		0.98			1.45			
FULL DEPTH MAINLINE SHOULDER																
172+39.00	TO	172+67.00		28.00	4.00	12.44	12.44		2.07		1.49			0.52	0.86	
		+4" (301)		28.00	0.33	1.04			0.17		0.06					
		+10" (304)		28.00	0.83	2.59	2.59			0.43						
SOUTHBOUND RAMP U																
FULL DEPTH																
192+65.00	TO	199+00.00		635.00		1716.71	1716.71		286.12		309.01			71.53	119.22	
		+4" (301)		635.00	0.33	23.28			3.88		1.40					
		AGG. SHLDR. (END AREA)		635.00	2.00	141.11	0.16	141.11		23.52			34.65			
RESURFACING																
192+65.00	TO	207+18.00				1318.39		1318.39			79.10	118.66		54.93	91.55	
SHOULDER WIDENING																
199+00.00	TO	205+18.99		618.99		459.34	459.34		76.56		55.12			19.14	31.90	
		+4" (301)		618.99	0.33	22.70			3.78		1.36					
		AGG. SHLDR. (END AREA)		618.99	2.00	137.55	0.16	137.55		22.93			33.78			
RESURFACING AGG. SHLDR.																
205+18.99	TO	207+18.00		199.01	2.00	44.22	44.22						12.28			
NORTHBOUND RAMP V																
RESURFACING																
261+68.21	TO	280+05.00		1836.79		3275.66		3275.66			196.54	294.81		136.49	227.48	
WEDGE COURSE																
276+15.00	TO	277+10.00				88.13										4.09
RESURFACING AGG. SHLDR.																
261+68.21	TO	274+88.00		1319.79	2.00	293.29	293.29						81.47			
FULL DEPTH																
274+88.00	TO	280+05.00		517.00		1524.17	1524.17		254.03		274.35			63.51	105.84	
		+4" (301)		517.00	0.33	18.96			3.16		1.14					
		AGG. SHLDR. (END AREA)		517.00	2.00	114.89	0.16	114.89		19.15			28.21			
NORTHBOUND RAMP W																
FULL DEPTH MAINLINE SHOULDER																
297+14.11	TO	297+52.00		37.89	4.00	16.84	8.54	8.54	1.42	1.42	1.02			0.36	0.59	
		+4" (301)		37.89	0.33	1.40			0.23		0.08					
		+10" (304)		37.89	0.83	3.51	3.51			0.58						
RESURFACING																
297+14.11	TO	305+50.00		835.89		1451.40		1451.40			87.08	130.63		60.47	100.79	
SHOULDER WIDENING																
297+52.00	TO	305+10.00		758.00	6.00	569.62	569.62		94.94	94.94	68.35			23.73	39.56	
		+4" (301)		758.00	0.33	27.79			4.63		1.67					
		AGG. SHLDR. (END AREA)		758.00	2.00	168.44	0.16	168.44		28.07			41.36			
RESURFACING AGG. SHLDR.																
305+10.00		305+50.00		40.00	2.00	8.89	8.89						2.47			
SUBTOTAL SB SITE							2676.63	2995.23	376.19	416.05	550.69	269.57	119.96	216.85	361.42	
SUBTOTAL NB SITE							2691.34	4727.06	358.41	398.19	630.24	425.44	153.51	284.56	474.26	4.09
TOTALS CARRIED TO GENERAL SUMMARY							5368	7723	735	815	1181	696	274	502	836	5

PAVEMENT CALCULATIONS
ASPHALT PAVEMENT

DESIGN AGENCY
WOOLPERT

DESIGNER
JFL


REVIEWER
DJV 10/30/25

PROJECT ID
122892

SHEET TOTAL
P.1 3

										CONCRETE PAVEMENT OPTION										
STATION RANGE	TYPICAL SECTION	SIDE	DISTANCE (D)	AVERAGE WIDTH (W)	SURFACE AREA (A) A=DxW/9	CADD GENERATED AREA	204		304		411		452							
							SUBGRADE COMPACTION		AGGREGATE BASE, T=8"		STABILIZED CRUSHED AGGREGATE, T=8"		8" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC 1P WITH GC/QA							
							SY		CY		CY		SY							
SOUTHBOUND RAMP T																				
172+39.00	TO	178+85.00	LT & RT	646.00	25.00	1794.44	1794.44		398.77					1794.44						
		AGG. SHLDR.		646.00	4.00	287.11	287.11		63.80			63.80								
178+85.00	TO	180+18.31	LT & RT	133.31	25.96	384.53	384.53		85.45					384.53						
		AGG. SHLDR.		133.31	4.00	59.25	59.25		13.17			13.17								
SOUTHBOUND PARKING LOT																				
180+18.31	TO	186+82.53	LT & RT				9121.33		2026.96					9121.33						
		+44" (304)		1503.00	3.67	612.89	612.89		136.20											
SOUTHBOUND RAMP U																				
186+82.53	TO	187+10.00	LT & RT	27.47	21.17	64.62	64.62		14.36					64.62						
		AGG. SHLDR.		27.47	4.00	12.21	12.21		2.71			2.71								
187+10.00	TO	192+65.00	LT & RT	555.00	25.00	1541.67	1541.67		342.59					1541.67						
		AGG. SHLDR.		555.00	4.00	246.67	246.67		54.81			54.81								
NORTHBOUND RAMP V																				
280+05.00	TO	285+94.00	LT & RT	589.00	25.00	1636.11	1636.11		363.58					1636.11						
		AGG. SHLDR.		589.00	4.00	261.78	261.78		58.17			58.17								
285+94.00	TO	286+45.72	LT & RT	51.72			150.16		33.37					150.16						
		AGG. SHLDR.		51.72	4.00	22.99	22.99		5.11			5.11								
NORTHBOUND PARKING LOT																				
286+45.72	TO	293+48.26	LT & RT				8894.93		1976.65					8894.93						
		+44" (304)		1607.20	3.67	655.38	655.38		145.64											
RAMP W																				
293+48.26	TO	294+82.00	LT & RT	133.74	23.40	347.72	347.72		77.27					347.72						
		AGG. SHLDR.		133.74	4.00	59.44	59.44		13.21			13.21								
294+82.00	TO	297+52.00	LT & RT	270.00	25.00	750.00	750.00		166.67					750.00						
		AGG. SHLDR.		270.00	4.00	120.00	120.00		26.67			26.67								
SUBTOTAL SB SITE							14124.71		3138.82			134.50		12906.58						
SUBTOTAL NB SITE							12898.51		2866.34			103.16		11778.93						
TOTALS CARRIED TO GENERAL SUMMARY							27024		6006			238		24686						


PAVEMENT CALCULATIONS
CONCRETE PAVEMENT

DESIGN AGENCY

 DESIGNER
 JFL
 REVIEWER
 DJV 10/30/25
 PROJECT ID
 122892
 SHEET TOTAL
 P.2 3

DUMPSTER AND MAINTENANCE VEHICLE PARKING PADS

STATION RANGE	TYPICAL SECTION	SIDE	DISTANCE (D) FT	AVERAGE WIDTH (W) FT	SURFACE AREA (A) A=DxW/9 SY	CADD GENERATED AREA SY	DUMPSTER AND MAINTENANCE VEHICLE PARKING PADS														
							204 SUBGRADE COMPACTION SY	304 AGGREGATE BASE CY	452 8" NON-REINFORCED CONCRETE PAVEMENT, CLASS OC 1P SY												
SB MAINTENANCE PARKING																					
186+01.46 TO 186+12.19		RT			49.87	49.87		8.31	49.87												
SB DUMPSTER PAD																					
186+17.90 TO 186+28.55		RT			25.31	25.31		4.22	25.31												
NB MAINTENANCE PARKING																					
292+60.00 TO 292+82.00		LT			48.89	48.89		8.15	48.89												
NB DUMPSTER PAD																					
292+02.00 TO 292+17.00		LT			25.00	25.00		4.17	25.00												
SUBTOTAL SB SITE							75.18	12.53	75.18												
SUBTOTAL NB SITE							73.89	12.31	73.89												
TOTALS CARRIED TO GENERAL SUMMARY							150	25	150												

PAVEMENT CALCULATIONS
DUMPSTER AND MAINTENANCE VEHICLE PARKING PADS

DESIGN AGENCY

 DESIGNER: JFL
 REVIEWER: DJV 10/30/25
 PROJECT ID: 122892
 SHEET: P.3 TOTAL: 3