

PAVEMENT & RESURFACING QUANTITIES

STATION		SIDE	LENGTH	END WIDTH	EXCAVATION, NOT INCLUDING EMBANKMENT CONSTRUCTION	203	203	301		304		305		310		404	446		SPECIAL	408	
FROM	TO					C.Y.	S.Y.	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	S.Y.	S.Y.	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	C.Y.	S.Y.
154+81.61	156+70	EB	188.39	64.0/58.5													62.3	44.5			
		EB	188.39	65.3/59.8			545.5														
		EB	188.39	53.3/47.8		1058.1			176.4										1058.1	423.2	
		EB	188.39	12.5		261.7				44.3											
156+70	164+32	EB	762	58.5/36.0													194.5	138.9			
		EB	762	59.8/37.3																	
		EB	762	47.8/25.3		3094.6		1712.7													
		EB	762	12.5		1058.3			515.8										3094.6	1237.8	
164+32	178+00	EB	1368	36.0													266.0	190.0			
		EB	1368	37.3																	
		EB	1368	25.3				2362.3													
		EB	1368	12.5		3845.6			640.9										3845.6	1538.2	
178+00	185+20	EB	720	36.0/24.0																	
		EB	720	37.3/25.3																	
		EB	720	25.3/13.3																	
		EB	720	12.5		1544.0		1043.3	257.3										1544.0	617.6	
185+20	205+20	EB	2000	12.0																	
		EB	2000	12.0																	
		EB	2000	12.5																	
205+20	212+40	EB	720	12.0/0.0																	
		EB	720	12.0																	
		EB	720	12.5																	
154+97.58	165+00	WB	1002.42	62.0/24.0																	
		WB	1002.42	63.3/25.3																	
		WB	1002.42	51.3/13.3																	
		WB	1002.42	12.5																	
165+00	190+00	WB	2500	12.0																	
		WB	2500	12.0																	
		WB	2500	12.5																	
190+00	193+00	WB	300	12.0/0.0																	
		WB	300	12.0																	
		WB	300	12.5																	
CROSSOVER 212+75			161	24 NOMINAL																	
TOTALS TO GENERAL SUMMARY																					
COST PARTICIPATION III																					
LAK 90-0528		EB	600	10.0	388.9	700						666.7			126.4	69.4					
LAK 90-0528		EB	600	10.0	388.9	700						666.7			126.4	69.4					
LAK 90-0599		EB	600	10.0	388.9	700						666.7			126.4	69.4					
LAK 90-0599	LAK90-0605	EB	167.05	10.0	108.3	194.9						185.6			35.2	19.3					
LAK 90-0605		EB	600	10.0	388.9	700						666.7			126.4	69.4					
LAK 90-0645		EB	600	10.0	388.9	700						666.7			126.4	69.4					
LAK 90-0645		EB	600	10.0	388.9	700						666.7			126.4	69.4					
LAK 90-0528		WB	600	10.0	388.9	700						666.7			126.4	69.4					
LAK 90-0528		WB	600	10.0	388.9	700						666.7			126.4	69.4					
LAK 90-0599		WB	600	10.0	388.9	700						666.7			126.4	69.4					
LAK 90-0599	LAK90-0605	WB	151.44	10.0	98.2	176.7						168.3			31.9	17.5					
LAK 90-0605		WB	600	10.0	388.9	700						666.7			126.4	69.4					
LAK 90-0645		WB	600	10.0	388.9	700						666.7			126.4	69.4					
LAK 90-0645		WB	600	10.0	388.9	700						666.7			126.4	69.4					
TOTALS TO GENERAL SUMMARY																					
COST PARTICIPATION II						4873	8771					8354		1584	870						

CALCULATIONS FOR ITEM 407-TACK COAT

**COST PARTICIPATION I**  
 STA. 133+74.62 TO STA. 52+00 NB & SB, I-271  
 $2[(5,289.8)(1) S.F./9 S.Y.][(34)(10.10 GAL./S.Y.)+(24)(0.075 GAL./S.Y.)]$   
 = 6,120 GAL.  
 STA. 126+94.62 TO STA. 133+74.62 NB & SB, I-271  
 $2[(680)(12)(1) S.F./9 S.Y.](0.075 GAL./S.Y.) = 136 GAL.$   
 PARTICIPATION I TOTAL = 6,256 GAL.

**COST PARTICIPATION II**  
 STA. 52+00 TO STA. 135+00 NB & SB, I-271  
 $(2,018 C.Y.)(1.25)(36"/YD.)(0.10 GAL./S.Y.) + (1249 C.Y.)(1.25)(36"/YD.)(0.075 GAL./S.Y.) = 8,510 GAL.$   
 EUCLID SPUR  
 STA. 161+18.40 TO STA. 26+25.28 EB, I-90  
 $(248.3 C.Y.)(0.10 GAL./S.Y.) + (151 C.Y.)(0.075 GAL./S.Y.)(1.25)(36"/YD.) = 1,050 GAL.$   
 STA. 161+18.40 TO STA. 18+13.64 WB, I-90  
 $(302.1 C.Y.)(0.10 GAL./S.Y.)(168 C.Y.)(0.075 GAL./S.Y.)(1.25)(36"/YD.) = 1,240 GAL.$   
 STA. 135+00 TO STA. 309+31 EB & WB, I-90  
 $(4484.6 C.Y.)(1.25)(36"/YD.)(0.10 GAL./S.Y.) = 12,920 GAL.$   
 RAMPS A,B,C,D  
 $(1368.3 C.Y.)(0.10 GAL./S.Y.) + (1/2)(1368.3 C.Y.)(0.075 GAL./S.Y.)(1.25)(36"/YD.) = 5,240 GAL.$   
 RAMPS E,F,G,G-H,J,K,H  
 $(720.7 C.Y.)(1.25)(36"/YD.)(0.10+0.075) GAL./S.Y. = 3,640 CROSSOVER$   
 $(10 C.Y.)(1.25)(36"/YD.)(0.10 GAL./S.Y.) = 30 GAL.$   
 PARTICIPATION II TOTAL = 32,810 GAL.

**COST PARTICIPATION III**  
 STA. 135+00 TO STA. 308+41 EB & WB, I-90  
 $(2,428.8 C.Y.)(1.25)(36"/YD.)(0.075 GAL./S.Y.) = 5,250 GAL.$   
 DUAL-DUAL TERMINOUS  
 $(487.4 C.Y.)(1.25)(36"/YD.)(0.075 GAL./S.Y.) = 1,060 GAL.$   
 STA. 308+41.00 TO STA. 322+71.00 EB & WB I-90  
 $2[(1430)(24)(1) S.F./9 S.Y.](0.075 GAL./S.Y.) = 572 GAL.$   
 PARTICIPATION III TOTAL = 6,882 GAL.