

ORIGINAL LCCA

CLI-73-8.34

PID 78570

Initial Construction				Quantities		Unit Price	Costs	
Item	Description	Unit	Amt	Flexible	Rigid		Flexible	Rigid
304	Aggregate Base	CY	6	28,623	28,142	\$ 35.00	\$1,001,821	\$984,984
880	Warranty Asphalt	CY	11.5	53,238		\$ 70.24	\$3,739,321	
884	Warranty Concrete	SY	11		164,525	\$ 32.61		\$5,364,866
Total Cost of Initial Construction							\$4,741,143	\$6,349,850
% Greater than Lowest								33.93%

Future Maintenance				Quantities		Unit Price	Discounted Costs	
Item	Description	Unit	Amt	Flexible	Rigid		Flexible	Rigid
@ Year 14								
254	Pavement Planing	SY		103,910		\$ 1.25	\$85,871	
407	Tack Coat	GAL	0.075	7,793		\$ 1.00	\$5,152	
442	AC Surface, 12.5mm, Type A (446)	CY	1.5	4,330		\$ 98.33	\$281,457	
@ Year 25								
254	Pavement Planing	SY		164,525		\$ 1.10	\$86,436	
254	Patching Planed Surface	SY	1%	1,645		\$ 1.50	\$1,179	
255	Rigid Repair, Class FS	SY	4%		4,156	\$ 95.00		\$188,587
255	Pavement Sawing	LF			10,636	\$ 1.75		\$8,889
257	Diamond Grinding	SY			112,570	\$ 4.50		\$241,937
407	Tack Coat	GAL	0.075	12,339		\$ 1.00	\$5,893	
407	Tack Coat for Intermediate	GAL	0.04	6,581		\$ 1.00	\$3,143	
442	AC Surface, 12.5mm, Type A (446)	CY	1.5	6,855		\$ 96.46	\$315,818	
442	AC Intermediate, 19mm, Type A (446)	CY	1.75	7,998		\$ 83.16	\$317,651	
Total Cost of Future Maintenance @ 3.0% Discount Rate							\$1,102,601	\$439,414
Total Life-Cycle Cost of Alternative @ 3.0% Discount Rate							\$5,843,744	\$6,789,263
% Greater than Lowest								16.18%