

Savings Analysis Computation For Using RAP in a HMAF

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Input Data for Analysis			
Virgin Aggregate Cost/Ton	\$10.00	%RAP in Intial Mix Design	0.
Liquid Asphalt Cost/Ton	\$340.00	%RAP in Final Mix Design	25.
RAP Trucking Cost/Ton of RAP	\$0.00	RAP Cost (what you pay/ton)	\$
RAP Processing Cost/Ton of RAP	\$4.00	Tons Ran/Year	400
RAP Handling Cost/Ton of RAP	\$0.50		
% Liquid Asphalt in Final Mix	6.00%		
% Liquid Asphalt in RAP, Initial	5.00%		
% Liquid Asphalt in RAP, Final	5.50%		
Savings Analysis For RAP Usage vs Virgin or Lesser RAP Usage			
Initial Mix Design Costs		Final Mix Design Costs	
Aggregate	\$9.40	Aggregate	\$
Liquid Asphalt	\$20.40	Liquid Asphalt	\$1
Total RAP Costs	\$0.00	Total RAP Costs	\$
Total Initial Mix Material Cost	\$29.80	Total Final Mix Material Cost	\$2
Total RAP Weight #'s	0	Total RAP Weight #'s	
Virgin Aggregate Weight #'s	1880	Virgin Aggregate Weight #'s	14
Virgin Liquid Asphalt Weight #'s	120	Virgin Liquid Asphalt Weight #'s	
Annual Savings Realized By Increasing RAP Percentage			

Total Savings Per Year @ Specified Production	\$2,365,000
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