

Federal Gas Tax Revenue - Annual Expenditure Reporting Module  
Roads and Bridges

Total length to be resurfaced	9000
Tonnes of granular A applied per km	3300
Average surface width of unpaved roads	9
Average distance from pit or quarry	16
Stabilization - tonnes CaCl per kilometer	2.60
Average distance to calcium supply depot	300
Average AADT (actual or estimated)	188
% Light trucks (pickup)	0
% Trucks (heavy truck)	0
% Trucks (tractor/trailer)	0
% Trucks (B trains)	0
Total Current Emissions	446.11
Total CO2 Emissions for resurfacing project	36,151.40
Total MJ of energy required for resurfacing project	1,401,589.72
Design pavement thickness	50
Design pavement width	7.30
Design shoulder width	1
Depth of base	150
Depth of subbase	300
Total MJ of energy required for project	16071156
<b>Reduced energy requirements, granular resurfacing versus hot mix paving</b>	<b>14,669,566.28</b>