

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

Total length to be resurfaced	9.70
Tonnes of granular A applied per km	3,312.50
Average surface width of unpaved roads	9
Average distance from pit or quarry	22
Stabilization - tonnes CaCl per kilometer	2.60
Average distance to calcium supply depot	300
Average AADT (actual or estimated)	142.50
% Light trucks (pickup)	0
% Trucks (heavy truck)	0
% Trucks (tractor/trailer)	0
% Trucks (B trains)	0
Total Current Emissions	0.36
Total CO2 Emissions for resurfacing project	46.92
Total MJ of energy required for resurfacing project	1,818.93
Design pavement thickness	50
Design pavement width	7
Design shoulder width	1
Depth of base	150
Depth of subbase	300
Total MJ of energy required for project	17,005.46
Reduced energy requirements, granular resurfacing versus hot mix paving	15,186.52