

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

Project Length	1,267.86
Width of Pavement	7.46
Intersections (and areas not included in above)	730
Total Project Area	10,184.59
Current traffic volume (actual or esitmated)	2,006.57
% Light trucks (pickup)	0
%Trucks (heavy truck)	0
% Trucks (tractor/trailer)	0
% Trucks (B trains)	0
Pavement smoothness	4
Total Current Emissions	477.77
Cold in-place recycling	100
Surface life of Hot Mix Asphalt	65
Total MJ of energy required for project	1,345,813.88
Pavement smoothness (after construction)	10
Total Emissions (smooth versus rough pavement)	457.93
Reduction in CO2	19.84
Total MJ of energy	7,242.90
Milling of existing asphalt surface	10,184.59
Trucking of milled asphalt (distance to dump site and return)	12.71
Base lift of Hot Mix Asphalt with RAP	0
% RAP	0
Surface lift of Hot Mix Asphalt	59
Total MJ of energy required for project (mill and overlay)	1,011,465.16
Energy reduction (cold-in-place versus mill and overlay)	-334,348.72