

Proposal Summary: Transportation

Project	Project summary	Investment (millions)	Timeframe	Jobs created or sustained	Environmental/energy benefit
New Starts transit capital projects	Fund projects to expand existing or construct new transit capacity, as authorized by SAFETEA-LU	\$30,500	4 to 18 months	1,250,820	Immediate benefit of 75 million gallons of gasoline saved per year; 728,000 tons CO2 emissions reduction in direct use; additional 19 million gallons of fuel saved per year due to reduced congestion, and 182,000 tons CO2 emissions reduction
Transit rehabilitation and modernization	Fund capital improvements (new equipment and vehicles) as authorized by SAFETEA-LU to include replacing existing transit fleet with new, American-made buses and rail cars incorporating clean energy technology, and retrofitting current fleet with GHG-reducing components	\$8,000	3 months	304,112	Immediate benefit of 192 million gallons of diesel saved per year; 528,000 tons CO2 emission reduction per year
Transit emergency service/operations grants	Increase operating/energy assistance grants as authorized by H.R. 6052 (Saving Energy Through Transportation Act) to sustain current and projected growth in ridership, mitigate rate increases and service cuts, and secure access to cleaner alternative fuels	\$4,000	within 3 months	140,000	Preserve ability of existing transit systems to save 1.4 billion gallons of fuel per year in direct use, and an additional 350 million gallons in reduced congestion
Bicycle/pedestrian infrastructure	Provide funding for approximately 450 ready-to-go bicycle and pedestrian connectivity projects, as well as funding Complete Streets initiative to enable pedestrians, bicyclists, motorists and bus riders to safely travel the existing road network	\$1,700	6 months	45,000	Immediate benefit of 1.2 million gallons of gasoline saved per year; 12,000 tons CO2 emissions reduction per year
Intercity/Amtrak rail improvements	Improve intercity travel and regional transit access by funding authorized Amtrak and state intercity rail corridor improvements	\$1,850	4 to 6 months	55,500	Preserve access to commuter rail as an alternative to passenger car travel
Fix-it-first infrastructure maintenance and rehabilitation	Repair and rehabilitate existing roads and bridge infrastructure; focusing on existing road network discourages sprawl by enhancing existing land use patterns, create more jobs than new capacity projects, and creates opportunities to invest in sustainable resurfacing options like permeable concrete to enhance storm water management	\$8,000	4 months	278,000	Prevent additional CO2 emissions and fuel consumption by limiting sprawl development; focus on existing network will increase safety, system integrity, and promote efficient use of current land use patterns
Anti-idling truck technology	Provide rebates to truck operators to purchase anti-idling equipment, to allow drivers to power truck cabs without running the truck engine, as well as other equipment to improve energy efficiency	\$315	2 to 3 months	1,000	Immediate benefit of 24 million gallons of diesel saved per year; 263,000 tons CO2 emissions reduction per year
Highway stormwater mitigation	Fund green infrastructure and natural bioretention along roads and highways to mitigate stormwater runoff (one of the largest sources of water pollution)	\$232	6 months	3,444	Prevent contamination of 16 million cubic meters of fresh water annually
Wildlife habitat transit connectivity	Protect and restore landscape connections across transportation infrastructure in wildlife habitats, reducing wildlife vehicle collisions and providing climate change adaptation and resiliency	\$200	6 to 8 months	8,000	Reduce wildlife collisions by 80-100%, prevent 160-200 auto fatalities and 23,200-29,000 injuries annually
Advanced technology vehicles/loan guarantees	Provide loan guarantees for advanced technology vehicles and fuels: creating a domestic market for cellulosic ethanol, renewable hydrogen production, improving fuel cell and battery technology	\$4,000	Research and development within one month, demonstration plant could begin within two years		Create a national infrastructure for clean alternative energy
SUBTOTAL		\$58,797	(millions)	\$2,077,876	
IMPACT SUBTOTALS				gallons of gasoline/diesel saved per year	311,100,000
				barrels of oil saved per year	7,400,000
				tons CO2 emissions reduced per year (equivalent to taking more than 310,000 cars off the road)	1,700,000
				fresh water runoff contamination prevented (in cubic meters) (equivalent to three times the volume of Lake Okeechobee)	16,300,000