

Completed Projects in 2003 and 2005 Legislative Funding Packages with Medium- or High-Freight Benefits
Safety Specific Projects on Freight Corridors

County	Region	PIN	Project	Project Description	Freight Benefit Level	Anticipated Freight Benefit	Identified in 2005 and 2008 Washington Trucking Associations surveys	Identified in WTP, HSP, or in industry interviews conducted during 2004 to 2008	FGTS Class 2007	Average Annual Daily Truck Volume (2006)	Status	Project Web Page	Revenue Package	State 2003 Funding Package (Million \$)	State 2005 Funding Package (Million \$)	Other State Funds, not 2003 or 2005 Packages (Million \$)	Federal, Local and Non State Funds (Million \$)	Total Funding Available (Million \$)	Full Project Construction /Completion Fully Funded (Y/N)
Spokane	Eastern	609047F	I-90/Geiger Rd to US 2 - Median Barrier	Install 2.4 miles of Precast Median Barrier in an effort to prevent errant vehicles from crossing the median and entering into opposing lanes of traffic thus reducing the number of serious injury collisions and/or fatalities on this section of I-90 approximately 3.2 miles west of the Spokane City limits.	High	Improves safety on major freight corridor and reduce unexpected delays caused by accidents.			T-1	4,400	Complete	I-90 - Geiger Road to US 2 Median Barrier - Complete November 2004	Nickel	\$ 0.76			\$ 0.76	Y	
Spokane	Eastern	609047J	I-90/Latah Creek and Lindeke St Bridges - Upgrade Bridge Rail	The existing bridge rail does not meet current design standards. Install Thrie Beam Guardrail to meet current standards to reduce the severity of collisions and reduce the risk of the bridge rail failing to contain vehicles.	Medium	Improves safety and preserves freight corridor.			T-1	8,700	Complete	http://www.wsdot.wa.gov/Projects/I90/LatahCreekBridge/	Nickel	\$ 0.81			\$ 0.81	Y	
Spokane	Eastern	609049D	I-90/Sullivan Rd to Idaho State Line - Install Cable Guardrail in Median	Interstate 90 has a narrow median in this section creating the potential for vehicles to cross the median and enter into opposing traffic. Seven miles of Cable Median Barrier will be installed to stop vehicles from crossing the median and reduce the severity of collisions.	High	Improves safety and reduces unexpected delay caused by accidents on major freight corridor.			T-1	8,700	Complete	I-90 - Sullivan-State Line Median Barrier - Complete September 2005	Nickel	\$ 0.77			\$ 0.77	Y	
Grant	North Central	209000A	I-90/Silica Road to East of Adams Road - Median Cross Over Protection	This section of I-90 has a narrow median where vehicles are crossing into the oncoming lanes causing collisions. Install new cable guardrail in the median. This will reduce head-on collisions.	High	Improves safety and reduces unexpected delay caused by accidents on major freight corridor.			T-1	2,900	Complete		TPA	\$ 0.29			\$ 0.29	Y	
Grant	North Central	209000B	I-90/SR 17 to Grant/Adams County Line - Median Cross Over Protection	This section of I-90 has a narrow median where vehicles are crossing into the oncoming lanes causing collisions. Install new cable guardrail in the median. This will reduce head-on collisions.	High	Improves safety and reduces unexpected delay caused by accidents on major freight corridor.			T-1	2,900	Complete		TPA	\$ 0.75			\$ 0.75	Y	
Okanogan, Chelan, Kittitas	North Central	209700A	US 97/Ellensburg Vic to Tonasket Vic - Roadside Safety Improvement	Areas along the highway have potential hazards. Install guardrail, remove fixed objects or improve roadsides. These actions will enhance motorist safety by reducing the severity of collisions occurring when a vehicle leaves the roadway on US 97.	Medium	Improves safety and reduces unexpected delay caused by accidents on secondary freight corridor.			T-2	690 to 2,200	Complete	US 97 - NCR Roadside Safety - Complete August 2006	TPA	\$ 0.98			\$ 0.98	Y	
King	Northwest	101813F	SR 18/SE 304th to SR 516 - Install Cable Barrier	Install new cable guardrail in the median to reduce head-on collisions on SR 18.	High	Improves safety on major freight corridor carrying 27 million tons of freight per year. Reduces unexpected delay caused by accidents.			T-1	6,100	Operationally Complete		TPA	\$ 0.25			\$ 0.25	Y	
King	Northwest	109918G	SR 99/SR 599 to Holden St - Install Cable Barrier	Install new cable guardrail in the median to reduce head-on collisions.	Medium	Improves safety on major freight corridor near Port of Seattle and south Seattle industrial/manufacturing area and reduces unexpected delay caused by accidents on major freight corridor.			T-1	5,300	Operationally Complete		TPA	\$ 0.44			\$ 0.44	Y	

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King	Northwest	152221C	SR 522/N Creek Vic to Bear Creek Vic - Install Cable Barrier	Install new cable guardrail in the median to reduce head-in collisions on SR 522.	Medium	Improves safety on major freight corridor and reduces unexpected delay caused by accidents.			T-2 & T-1	2,000 to 5,800	Operationally Complete		TPA	\$ 0.27				\$ 0.27	Y
Skagit	Northwest	100560A	I-5/300th St NW Vic to Anderson Rd Vic - Install Cable Barrier	Install new median treatment to reduce head-on collisions.	High	Improves safety on major freight corridor and reduces unexpected delay caused by accidents.			T-1	6,000 to 11,000	Operationally Complete		TPA	\$ 1.29				\$ 1.29	Y
Skagit	Northwest	100569B	I-5/SR 11 Vic to Weigh Station Vic - Install Cable Barrier	Install new cable guardrail in the median to reduce head-on collisions.	High	Improves safety on major freight corridor and reduces unexpected delay caused by accidents.			T-1	6,000	Operationally Complete		TPA	\$ 0.44				\$ 0.44	Y
Snohomish, King	Northwest	199903M	Puget Sound Area and US 2 - Upgrade Guardrail	Update nonstandard guardrail in Northwest Region to meet the current safety standards.	Medium	Improves safety on freight corridors.			T-2 (SR 2) T-1 (SR 5) T-3 (SR 20) T-3 (SR 509) T-3 (SR 516) T-2 (SR 529) T-3 (SR 531) T-1 (SR 599)	2,300 (SR 2) 2,000 (SR 5) 920 (SR 20) 640 (SR 509) 380 (SR 516) 1,300 (SR 529) 529 210 (SR 531) 5,100 (SR 599)	Complete		Nickel	\$ 1.61				\$ 1.61	Y
Whatcom	Northwest	100585C	I-5/SR 11 to 36th St - Install Cable Barrier	Install new cable guardrail in the median to reduce head-on collisions	High	Improves safety on major freight corridor and reduces unexpected delay caused by accidents.			T-1	4,400	Complete		TPA	\$ 0.10				\$ 0.10	Y
Whatcom	Northwest	100590B	I-5/SR 542 Vicinity to Bakerview Rd - Install Cable Barrier	Install new cable guardrail in the median to reduce head-on collisions	High	Improves safety on major freight corridor and reduces unexpected delay caused by accidents.			T-1	4,400	Complete		TPA	\$ 0.25				\$ 0.25	Y
Whatcom	Northwest	100593G	I-5/Main St to SR 548 - Install Cable Barrier	Install new cable guardrail in the median to reduce head-on collisions.	High	Improves safety on major freight corridor and reduces unexpected delay caused by accidents.			T-1	4,400	Operationally Complete		TPA	\$ 0.41				\$ 0.41	Y
Whatcom	Northwest	100595D	I-5/Blaine Vicinity - Median Cross Over Protection	Install median crossover protection.	High	Improves safety on major freight corridor and reduces unexpected delay caused by accidents.			T-1 & T-2	860 to 4,400	Operationally Complete		TPA	\$ 0.25				\$ 0.25	Y
Grays Harbor	Olympic	301261A	US 12/Montesano Vicinity to Elma - Install Cable Barrier	Through a statewide analysis it has been determined that placing median barrier on limited access divided freeways is a cost effective method of reducing the severity of cross over collisions. The purpose of this project is to improve safety by installing barrier in the median. This will reduce the incidences of vehicles crossing through the median into the opposite direction of travel.	Medium	Improves safety and reduces unexpected delay caused by accidents on freight corridor.			T-1	2,400	Complete	US 12 - Montesano Vicinity to Elma - Median Cross Over - Complete October 2006	TPA	\$ 1.92				\$ 1.92	Y
Grays Harbor	Olympic	301262A	US 12/Wynoochee River Bridge Upgrade Bridge Rail	The existing bridge rail does not meet current standards. By retrofitting the existing bridge rail to meet current standards, motorist safety will be enhanced.	Medium	Improves safety on freight corridor.			T-1 (SR 12) T-3 (SR 101) T-3 (SR 105)	2,400 (SR 12) 12 320 (SR 101) 470 (SR 105)	Operationally Complete	US 101/12 - SR 105 Bridge Rail Retrofit - Complete March 2008	Nickel	\$ 0.37				\$ 0.37	Y

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Kitsap / Pierce	Olympic	301632M	SR 16/NW of Tacoma Narrows to SE of Burley - Install Cable Barrier	Through a statewide analysis it has been determined that placing median barrier on limited access divided freeways is a cost effective method of reducing the severity of cross over collisions. The purpose of this project is to improve safety by installing barrier in the median. This will reduce the incidences of vehicles crossing through the median into the opposite direction of travel.	Medium	Improves safety on freight corridor by installing cable barriers on SR 16 and reduces unexpected delay caused by accidents.			T-1	4,800	Operationally Complete	SR 16 - NW of New Tacoma Narrows to Burley Olalla Cross Over - Complete September 2007	TPA	\$ 1.00			\$ 1.00	Y	
Pierce	Olympic	316723A	SR 167/SR 410 to Pierce/King Co Line - Install Cable Barrier	Through a statewide analysis it has been determined that placing median barrier on limited access divided freeways is a cost effective method of reducing the severity of cross over collisions. The purpose of this project is to improve safety by installing barrier in the median. This will reduce the incidences of vehicles crossing through the median into the opposite direction of travel.	High	Improves safety on major freight corridor and reduces unexpected delay caused by accidents.			T-1	11,000	Operationally Complete		TPA	\$ 0.49			\$ 0.49	Y	
Pierce	Olympic	300590C	I-5/Puyallup River to Fife Interchange - Bridge Rail	This project will install median cable guardrail to prevent crossover accidents and upgrade bridge rail to meet current standards.	High	Improves safety on major freight corridor and reduces unexpected delay caused by accidents.			T-1	14,000	Complete		Nickel	\$ 0.25			\$ 0.25	Y	
Pierce	Olympic	300706B	SR 7/SR 507 to SR 512 - Safety Improvements	This section of SR 7 has been identified as a high collision corridor. This project will construct sidewalks, retaining walls, lighting, upgrade signal systems and consolidates highway approach points. When complete the frequency and severity of collisions will be reduced.	Medium	Improves safety on freight corridor.			T-1	3,800	Operationally Complete	SR 7 - SR 507 to SR 512 - Safety Improvements - Complete September 2007	Nickel	\$ 11.34	\$ 1.19	\$ 8.13	\$ 20.66	Y	
Pierce	Olympic	341018A	SR 410/Traffic Ave to 166th Ave E - Install Cable Barrier	Through a statewide analysis it has been determined that placing median barrier on limited access divided freeways is a cost effective method of reducing the severity of cross over accidents. The purpose of this project is to improve safety by installing barrier in the median. This will reduce the incidences of vehicles crossing through the median into the opposite direction of travel.	Medium	Improves safety on freight corridor and reduces unexpected delays caused by accidents.			T-1	4,000	Complete		TPA	\$ 0.25			\$ 0.25	Y	
Pierce / Thurston	Olympic	300007Z	Pierce and Thurston Co - Roadside Safety Improvements	In Pierce and Thurston counties, areas with fatal and disabling injury collisions on SR 7, 165, 507, 510 and 512 have been identified. By installing guardrail, slope flattening, removing fixed objects or improving the roadsides, motorist safety will be enhanced by reducing the severity of collisions.	Medium	Improves safety on freight corridors			T-3 & T-2 (SR 7) T-4 & T-5 (SR 165) T-2 & T-3 (SR 507) T-3 (SR 510)	300-2,100 (SR 7) 20-70 (SR 165) 270-1,500 (SR 507) 850 (SR 510)	Operationally Complete	http://www.wsdot.wa.gov/Projects/SR7/safetv/	TPA	\$ 1.00			\$ 1.00	Y	
Benton	South Central	501401Z	SR 14/W of Paterson - Upgrade Guardrail	The nonstandard guardrail west of Paterson on SR 14 needs updated. By updating the guardrail, this project will maintain safe operation of the highway.	Medium	Improves safety on freight corridor.			T-2	1,200	Complete		Nickel	\$ 0.27			\$ 0.27	Y	

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Benton	South Central	502402M	SR 24/SR 240 Richland to Vernita-Guardrail	The nonstandard guardrail along SR 24 and SR 240 west of Hanford needs replacement. By replacing the guardrail, this project will maintain safe operation of the highway.	Medium	Improves safety on freight corridor.			T-2	770	Complete		Nickel	\$ 0.38				\$ 0.38	Y
Benton, Grant	South Central	502403V	SR 24/Vernita Bridge - Upgrade Bridge Rail	The existing bridge rail at Vernita does not meet current design standards. Bridge rail will be brought up to current standards, which will improve safety.	Medium	Improves safety on freight corridor.			T-2	770	Complete		Nickel	\$ 0.24				\$ 0.24	Y
Franklin	South Central	501701Z	SR 17/N of Mesa - Upgrade Guardrail	The nonstandard guardrail north of Mesa on SR 17 needs updated. By updating the guardrail, this project will maintain safe operation of the highway.	Medium	Improves safety on freight corridor.			T-1	1,500	Complete		Nickel	\$ 0.07				\$ 0.07	Y
Franklin	South Central	518201I	I-182/US 395 I/C - Roadside Safety	Analysis shows a high run off the road accident probability rate on the outside of the curve. This project will reduce the severity of accidents at this location by adding a widened and flattened slope on the outside of the ramp.	Medium	Improves safety on freight corridor.			T-1	3,800	Complete	I-182 - US 395 Interchange - Complete September 2003	Nickel	\$ 0.06		\$ 0.01		\$ 0.07	Y
Franklin	South Central	539503Q	US 395/Nordhein Road Vicinity Guardrail	The nonstandard guardrail on US 395/Nordhein Road vicinity needs updated. By updating the guardrail, this project will maintain safe operation of the highway.	Medium	Improves safety on freight corridor.			T-1	3,400	Complete		Nickel	\$ 0.04				\$ 0.04	Y
Franklin, Benton	South Central	539701Q	SR 397/Columbia River Bridge - Upgrade Bridge Rail	The bridge rail for the SR 397 Columbia River Bridge does not meet current design standard. By upgrading the bridge rail to meet standard, this project will improve the safety of the highway.	Medium	Improves safety on freight corridor.			T-2	1,300	Operationally Complete		Nickel	\$ 0.83		\$ 0.06		\$ 0.89	Y
Kittitas	South Central	509001J	I-90/Bridge Rail Retrofit, Elk Heights Rd Br 90/147	The existing bridge rail on the Elk Heights Road under crossing eight miles east of Cle Elum does not meet current design standards. Bridge rail will be brought up to current standards, which will improve safety.	High	Improves safety on major freight corridor.			T-1	5,800	Complete		Nickel	\$ 0.08		\$ 0.02		\$ 0.10	Y
Kittitas	South Central	509002U	I-90/Bridge Rail Retrofit, Thorp Prairie Rd	The existing bridge rail on the Thorp Prairie Road Bridge crossing I-90 four miles east of Cle Elum does not meet current design standards. Bridge rail will be brought up to current standards, which will improve safety.	High	Improves safety on major freight corridor.			T-1	5,800	Complete		Nickel	\$ 0.06				\$ 0.06	Y
Kittitas, Grant	South Central	509002W	I-90/Columbia River Bridge - Upgrade Bridge Rail	The existing bridge rail on the I-90 bridge crossing the Columbia River at Vantage does not meet current design standards. Bridge rail will be brought up to current standards, which will improve safety.	High	Improves safety on major freight corridor.			T-1	2,900	Operationally Complete		Nickel	\$ 0.55				\$ 0.55	Y
Kittitas	South Central	509702W	US 97/Ellensburg to Smithson Road Guardrail	This project will upgrade existing guardrail to meet design standards.	Medium	Improves safety on freight corridor.			T-2	2,200	Complete		Nickel	\$ 0.13				\$ 0.13	Y
Walla Walla	South Central	573001Z	US 730/S of Wallula - Upgrade Guardrail	The nonstandard guardrail on US 730 south of Wallula will be updated, maintaining safe operation of the highway.	Medium	Improves safety on freight corridor.			T-2	1,000	Complete		Nickel	\$ 0.07				\$ 0.07	Y

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Whitman	South Central	512801Z	SR 128/Clarkston Vicinity - Upgrade Guardrail	The nonstandard guardrail on SR 128 in the Clarkston vicinity will be updated to maintain safe operation of the highway.	Medium	Improves safety on freight corridor.			T-2	850	Complete		Nickel	\$ 0.05				\$ 0.05	Y
Yakima	South Central	501208Q	US 12/Wildcat Creek to I-82 - Roadside Safety Improvements	US 12 from Wildcat Creek to I-82 has experienced a number of run off the road collisions. By installing guardrail and removing fixed objects, this project will reduce the severity of collisions and maintain safe operation of the highway.	Medium	Improves safety on freight corridor.			T-3 & T-2	530 to 1,200	Operationally Complete		TPA	\$ 0.54				\$ 0.54	Y
Yakima	South Central	582302Z	SR 823/Selah Vicinity - Upgrade Guardrail	The nonstandard guardrail on SR 823 south of Selah will be updated, maintaining safe operation of the highway.	Medium	Improves safety on freight corridor.			T-2	1,300	Complete		Nickel	\$ 0.03				\$ 0.03	Y
Clark	Southwest	401406B	SR 14/Riverside Dr and E Camas Slough Bridge - Upgrade Bridge Rail	Upgrade nonstandard bridge rail on SR 14 bridges 14/10 and 14/27 at Riverside Drive and East Camas Slough in Clark County to better protect the public.	Medium	Improves safety on freight corridor.			T-1	5,200 (Bridge 14/10) 3,300 (Bridge 14/27)	Complete		Nickel	\$ 0.32				\$ 0.32	Y
Clark	Southwest	499903N	Southwest Region Bridge Rail Retrofit	This project will upgrade deficient bridge rail in Clark County during the 03/05 biennium.	Medium	Improves safety on freight corridor.			T-1	3,300	Complete		Nickel	\$ 0.27				\$ 0.27	Y
Klickitat	Southwest	499903M	Southwest Region Guardrail Retrofit - Safety Improvements	Installing 35,129 feet of guardrail on SR 14 in Klickitat County between Chamberlin-Goodnoe Road and Benton County Line. Updating the deteriorating guardrail to prevent vehicles from leaving the roadway during a collision or faulty driving.	Medium	Improves safety on freight corridor.			T-2	810	Operationally Complete		Nickel	\$ 0.80					Y