

# FINAL DRAFT - WSDOT Projects Proposed for Federal Stimulus Funding Consideration - Short List

(\$ in millions)

<b>Federal Agency / Federal Program</b> <u>State Program</u> Category / Project	<b>Stimulus Amount</b>	<b>Agency Program Region</b>	<b>Comment / Description / Project Type</b>	<b>Award Date</b>	<b>Ready to go timeframe</b>	<b>County</b>	<b>TIP amend. required? Y/N</b>
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## Federal Highway Administration (FHWA)

### Surface Transportation Program

#### Washington State Ferries Capital Program

Unfunded projects that would address terminal preservation needs

Anacortes Pavement Preservation	\$1.62	WSF	Ferry terminal construction	5/22/09	90	Skagit	
Vashon Trestle Repair - Red Tag Piles	\$1.17	WSF	Ferry terminal construction	5/1/09	90	King	
Vashon Trestle Pavement Replacement	\$1.30	WSF	Ferry terminal construction		180	King	
Terminal Seismic Retrofit	\$1.96	WSF	Terminal preservation at 9 locations	8/28/09	180	Systemwide	
Anacortes Terminal Building Replacement	\$26.11	WSF	Ferry terminal construction - (design nearly complete)		180	Skagit	
sub-total	\$32.16						

#### Highway Construction/Traffic Operations Capital Program

Accelerate existing projects that have been or may be delayed due to funding constraints (Nickel and TPA projects)

#### Advance projects otherwise proposed for delay

I-82/Valley Mall Blvd - Rebuild Interchange	\$30.80	SCR	Advance project back to near the 08 Legislative schedule	12/7/09	270	Yakima	N
I-405/NE 195th to SR 527 (design build)	\$40.00	UCO	Add auxiliary lane between 195th and SR 527.	6/27/09	120	King, Snohomish	Y
SR 26/W of Othello - Add Passing Lane	\$1.60	NCR	Advance project back to near the 08 Legislative schedule	8/27/09	180	Adams	Y
SR 150/W of Chelan - Install Lighting	\$0.19	NCR	Advance project back to near the 08 Legislative schedule	5/18/09	90	Chelan	Y
SR 501/Ridgefield Interchange - Rebuild Interchange	\$10.00	SWR	Advance project back to near the 08 Legislative schedule	6/12/09	120	Clark	Y
SR 503/Lewisville park vicinity - Add Climbing Lane	\$2.20	SWR	Advance advertisement and build full project in one season	5/8/09	90	Clark	Y
SR 971/S Lakeshore Rd - Install Lighting	\$0.07	NCR	Advance project back to near the 08 Legislative schedule	5/18/09	90	Chelan	Y
US 12/Old Naches Highway - Build Interchange (design build)	\$33.18	SCR	Advance project back to near the 07 Legislative schedule	4/16/10	360+	Yakima	Y
US 97/S of Chelan Falls - Add Passing Lane	\$1.52	NCR	Advance project back to near the 08 Legislative schedule	5/15/10	360+	Douglas	Y
I-5/Queets Dr E Tanglewild - Add Noise Wall	\$3.40	OR	Advance project back to near the 08 Legislative schedule	May-10	360+	Thuston	N
I-5/14th Ave Thompson PI - Add Noise Wall	\$4.70	OR	Advance project back to near the 08 Legislative schedule	May-10	360+	Thuston	N
US 101/Dawley Rd vic to Blyn Highway - Add climbing lane	\$8.08	OR	Advance project back to near the 08 Legislative schedule	Nov-09	270	Thuston	Y
I-5/Tacoma HOV	\$70.00	OR	Accelerate EB Nalley Valley back to 08 Legislative schedule by supplanting state for fed on Port of Tacoma to King Co Line	Aug-09	180	Pierce	N
sub-total	\$205.74						

#### Advance Project Schedules - Programmed Projects

##### Preservation

##### Concrete

I-90/Two Way Transit, Stage 2 - Dowel Bar Retrofit	\$9.00	UCO	Advance dowel bar work	Oct-09	270	King	Y
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I-90/Lake Easton to Bullfrog I/C WB - Concrete - Stage 2	\$10.00	SCR	Compliments work assumed in the state stimulus; replace right lane and shoulders, grind left lane	6/1/09	120	Kittitas	Y
I-90/Lake Easton to Big Creek Br EB - Concrete	\$23.00	SCR	Advance from 2015; replace right lane/shoulders; grind left lane	12/7/09	270	Kittitas	Y
sub-total	<u>\$42.00</u>						
<b>Pavement</b>							
I-90/Moses Lake - Paving	\$4.90	NCR	HMA paving & basic safety restoration	5/11/09	90	Grant	N
I-90/Slide Curve to Cabin Creek - Paving	\$4.20	SCR	HMA paving & basic safety restoration	3/2/09	90	Kittitas	Y
I-90/Yakima River to W Ellensburg - Paving	\$3.00	SCR	HMA paving & basic safety restoration	3/23/09	90	Kittitas	N
sub-total	<u>\$12.10</u>						
<b>Other</b>							
SR 16/Tacoma Narrows Bridge Phase 1 - Electrical	\$1.00	OR	Address electrical wiring need.	6/1/10	120	Pierce	Y
SR 21/Keller Ferry - Replace Ferry boat	\$15.50	ER	Full construction phase funding. \$12.5m needed for the boat (5/09 ad). \$3m needed for the terminals (Winter 09 ad)	6/27/09	120	Ferry	N
sub-total	<u>\$16.50</u>						
Unfunded improvement projects that would enhance the state highway system and can be "ad ready" within 3-4 months (Mobility, Safety, and Environmental Retrofit)							
<b>Unprogrammed or Non-Fully Funded Projects:</b>							
SR 509/SW 174th to SW 200th - Normandy Park	\$3.27	NWR	State contribution		120	King	Y
SR 20/Sims Way - Port Townsend	\$2.63	OR	State contribution		180	Jefferson	Y
SR 17/Moses Lake Vicinity - Median Barrier	\$2.30	NCR	New concrete barrier installation	5/15/09	90	Grant	Y
SR 532/Corridor Improvements (design build)	\$25.00	NWR	Unfunded component of the SR 532 TPA project. Non-federalized design will require multi-project level funding adjustments to accommodate investment.	2/4/09	90	land, Snohomis	Y
sub-total	<u>\$33.20</u>						
Unfunded components of low cost, high benefit improvements (Moving WA, freeway operations improvements, low cost traffic improvements, etc)							
<b>Seattle Area - Core Active Traffic Management (ATM)</b>							
ATM: I-5 Speed Control Signs (design build)	\$52.25	UCO	Implementation of ATM in the Seattle area Option 1 - in both directions between I-90 and NE 50th St. Option 2 - southbound only between 145th and I-90. Deliver both in 2 stages.	Jul-09	180	King	N
sub-total	<u>\$52.25</u>						
<b>Safety Improvement Projects</b>							
Cable Barrier Retrofit - priority 1	\$9.00	statewide	Convert low tension cable to high tension; add a 4th cable to existing posts. (detail list identifies \$4.4m in specific projects)		90 - 180	Statewide	Y
Durable Pavement Markings	\$5.00	statewide	Improve selected lane and edge striping on the Interstate System (request was for \$33.5m)		90	Statewide	Y

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Low cost traffic and safety improvements	\$2.00	statewide	Additional investment to current funding levels.		360	Statewide	Y
Rumble Strips	\$3.00	statewide	Additional investment to current funding levels.		90	Statewide	Y
sub-total	\$19.00						
<b>Core Traveler Information Infrastructure and Camer Projects</b>							
Dayton Ave Bldg (Shoreline) to Swamp Creek Fiber Replacement	\$1.10	NWR	Fiber Replacement	8/26/09	180	King	Y
Moses Lake Traveler Info	\$0.80	NCR	Install fiber in Moses Lake. Install cameras within the Moses Lake area.	8/27/09	180	Grant	Y
SCR TMC and EOC (Q)	\$0.80	SCR	Install video wall and improved work stations and replace outdated electronic ITS equipment.	6/22/09	120	Yakima	Y
Vancouver Advanced Traffic Management System	\$0.25	SWR	WSDOT is partnering with ODOT's Transportation Operations Center System (TOCS) project to provide upgrades and enhancements to their current ATMS software.	3/12/10	360	Clark	Y
I-5, Marysville to Stillaguamish River - ITS	\$2.50	NWR	Install fiber, cameras, and data stations in the corridor. Compliments conduit installation as part the median barrier project.	6/15/09	120	Snohomish	N
I-5, Nisqually to Thorne - ITS	\$4.28	OR	9 miles of fiber optic cable and conduit, 9-CCTV, 9-Data Station, 1-VMS	6/22/09	120	Pierce	Y
I-5, US 2 to SR 531 - ITS	\$10.00	NWR	ATM Level 1 (fiber comm, detection, cameras, integrated ramp signals). Conduit/fiber to be installed by saw cutting existing shoulder.	3/8/10	360	Snohomish	Y
I-90 Camera Replacement	\$0.06	SCR	Replace cameras on pass that have no valuable nighttime viewing capabilities with current standards cameras.	5/26/09	90	Kittitas	Y
Roadside Weather Information System Site Upgrades	\$0.55	ER	Replace or upgrade equipment at 7 RWIS sites	5/26/09	90	Stevens, Spo	Y
SR 20 Sherman Pass HAR Site Upgrade and new HAR at US 395/SR 26	\$0.24	ER	Upgrade site from trailer mounted HARS to permanent HARS site. Install new station at Hatton Coulee Rest Area	5/26/09	90	Ferry	Y
SR 512, SR 167, SR 410 (Portland Ave. to King County Line) - ITS Stage 1	\$9.50	OR	35 miles of fiber optic cable and conduit, 13-CCTV, 13-Data Station, 1-HAR	7/29/09	180	Pierce	Y
Traffic Flow Map Expansion and Completion, Olympia to Marysville	\$2.00	NWR & OR	Install data field data collection infrastruture to cover the sections of roads within this area to permit completion of a comprehensive web flow map of realtime traffic conditions.	7/29/09	180	Pierce, King, S	Y
sub-total	\$32.08						
<b>Variable Message Signs (VMS)</b>							
VMS @ Winthrop	\$0.40	NCR	Install dynamic message signs west of Winthrop.	7/6/09	180	Okanogan	Y
VMS - I-90, SR 18, I-405	\$4.17	NWR	Install VMS system in support of I-90 pass closures and operations.	9/30/09	270	King	Y
VMS - US 2, I-5, SR 522	\$3.50	NWR	Install VMS system in support of US 2 pass closures and operations.	12/2/09	270	Snohomish, Kin	Y

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VMS: I-5 Interurban area - SB	\$0.46	NWR	Replace existing problem VMS	9/30/09	270	King	Y
I-90 Variable Message Sign Upgrade/Replace	\$1.25	ER	Upgrade/Replace 5 Signs that are currently unmaintainable as the signs and sign parts are no longer manufactured.	6/2/09	120	Spokane	Y
I-90/VMS east of Ellensburg before I-82 interchange. (Q)	\$0.38	SCR	Install a VMS on I-90 east of Ellensburg before I-82 interchange.	7/20/09	180	Kittitas	Y
SR 12 VMS Upgrade / Replacement	\$1.00	SWR	Replace 4 old technology signs with current technology Electronic signs	9/28/09	270	Lewis	Y
SR 97 VMS Upgrade / Replacement	\$0.60	SWR	Replace 2 old technology signs with current technology Electronic signs	9/28/09	270	Klickitat	Y
sub-total	<u>\$11.75</u>						
<b>Traffic Signal Operation Enhancements</b>							
Leavenworth Vicinity Signal Communications and Cameras	\$0.40	NCR	Install fiber or radio signal interconnect in Leavenworth. Install cameras in Leavenworth.	8/17/09	180	Chelan	Y
Signal Optimization	\$1.90	statewide	Perform overdue operational review necessary to maintain optimum system performance.		180	Statewide	Y
Statewide Traffic Controllers - Phase 1 (MAP A-F)	\$7.02	statewide	Replace or upgrade 753 WSDOT owned traffic signal controllers.		180	Statewide	Y
sub-total	<u>\$9.32</u>						
Unfunded projects that would address overdue highway preservation needs (Concrete rehabilitation, overdue black pavement, electrical upgrades to signals and lighting, etc)							
<b>Concrete Preservation</b>							
I-5/North Kelso to Castle Rock - Concrete Rehab	\$6.00	SWR	Compliments project funded in the state stimulus; panel replacement & overlay.	5/22/2009	90	Cowlitz	Y
I-82/Granger to W Grandview WB - Dowel Bar Retrofit	\$5.70	SCR	Compliments project funded in the state stimulus; dowel bar retrofit, grind, & selected panel replacement	5/26/09	90	Yakima	Y
I-82/Granger to W Grandview EB - Dowel Bar Retrofit	\$11.40	SCR	Dowel bar retrofit, grind, & selected panel replacement	5/26/09	90	Yakima	Y
I-90/Geiger Rd to Spokane Viaduct - Concrete	\$6.53	ER	Diamond grind to address rutting. Time is needed to work through issues and ensure this is a workable solution.	May-10	360+	Spokane	Y
I-90/W Cle Elum I/C to Elk Heights I/C - Concrete	\$36.70	SCR	Replace concrete from Ellensburg to Easton	5/31/10	360+	Kittitas	Y
I-90/Golf Course Rd I/C to Indian John Hill - Concrete	\$36.70	SCR	Replace concrete from Ellensburg to Easton	1/25/10	360	Kittitas	Y
I-90/Indian John Hill to Yakima River Br EB - Concrete	\$26.00	SCR	Replace concrete from Ellensburg to Easton	3/1/10	360	Kittitas	Y
I-90/Elk Heights Rd I/C to Yakima River Br WB - Concrete	\$15.80	SCR	Replace concrete from Ellensburg to Easton	3/1/10	360	Kittitas	Y
I-82/Yakima River Br to Granger EB - Dowel Bar Retrofit	\$13.00	SCR	Dowel bar retrofit, grind, & selected panel replacement	12/14/09	360	Yakima	Y
I-82/Yakima River Br to Granger WB - Dowel Bar Retrofit	\$13.00	SCR	Dowel bar retrofit, grind, & selected panel replacement	12/14/09	360	Yakima	Y
sub-total	<u>\$170.83</u>						
<b>Road Preservation - Black Pavement (Backlog Reduction)</b>							
I-5/Chamber Way vic to Harrison Ave vic	\$4.00	SWR	HMA paving & basic safety restoration	5/22/09	90	Lewis	Y
I-5/Todd Rd vic to Headquarters Rd vic	\$3.00	SWR	HMA paving & basic safety restoration	5/22/09	90	Cowlitz	Y
SR 2/Monroe City Limit to Sultan - Overlay	\$4.60	NWR	HMA paving & basic safety restoration	6/24/09	120	Snohomish	Y

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SR 26/Adams Co to Othello - Paving	\$8.00	NCR	HMA paving & basic safety restoration	5/26/09	90	Adams	Y
SR 206/Jct US 2 to Bruce Rd	\$0.84	ER	HMA paving & basic safety restoration (decision needed soon in order to complete design and meet ad date)	5/26/09	90	Spokane	Y
US 97/Centervill Rd to Bickelton Rd & Satus Pass vic	\$3.80	SWR	HMA paving & basic safety restoration	6/1/09	120	Klickitat	Y
US 195/Jct SR 27 to Dry Creek	\$7.90	ER	HMA paving & basic safety restoration (decision needed soon in order to complete design and meet ad date) Requires \$200k for design work	6/27/09	120	Whitman	Y
US 395/Lee Rd to vic Jct I-90	\$13.67	ER	HMA paving & basic safety restoration (decision needed soon in order to complete design and meet ad date)	5/26/09	90	Adams	Y
sub-total	<u>\$45.81</u>						
<b>Other Preservation</b>							
Lewis & Clark Bridge - Painter	\$25.00	SWR	Estimated WA share - partnership project with Oregon	2/19/10	360	Cowlitz	Y
Astoria-Meglar Bridge - South End Painter		SWR	Estimated WA share - partnership project with Oregon			Pacific	Y
sub-total	<u>\$25.00</u>						
Unfunded improvement projects that would enhance the state highway system, but require significant design to move forward – “ad ready” within a year (Mobility, Safety, and Env. Retrofit)							
<b><u>Unprogrammed or Non-Fully Funded Projects:</u></b>							
I-90/Sullivan Rd to Barker Rd - Add Lanes	\$25.00	ER	Construct additional lane in each direction; including noise walls. CN phase not currently programmed	5/26/09	90	Spokane	Y
SR 26/SR 24 - Intersection Improvement	\$0.20	NCR	Unfunded component of eliminating low clearance undercrossing and implementing safety enhancements.		360	Adams	Y
US 195/East Half of Cheney-Spokane Rd - New Interchange	\$11.00	ER	Construct east half of a new interchange on US 195 at Cheney-Spokane Rd	Jun-10	360+	Spokane	N
US 395/NSC - Freya to Farwell - Southbound lanes	\$40.00	ER	Phased in multiple contracts - 1st phase \$15 million (bridges & grading included in state stimulus). Completion in Q4/11	6/25/09	120	Spokane	Y
sub-total	<u>\$76.20</u>						
<b>Total Projects Proposed for Federal Stimulus</b>	<b>\$783.94</b>						