



**Washington State
Department of Transportation**

**Washington State Department of Transportation
PEDESTRIAN and BICYCLE SAFETY &
SAFE ROUTES TO SCHOOL GRANT PROGRAMS**

**2011-2013
Prioritized Project List and Program Update**

Highways & Local Programs Division

December 2010

Contact Information

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**WSDOT Highways & Local Programs
2011-2013
PEDESTRIAN and BICYCLE SAFETY &
SAFE ROUTES TO SCHOOL GRANT PROGRAMS
Report to the Washington State Legislature**

Background

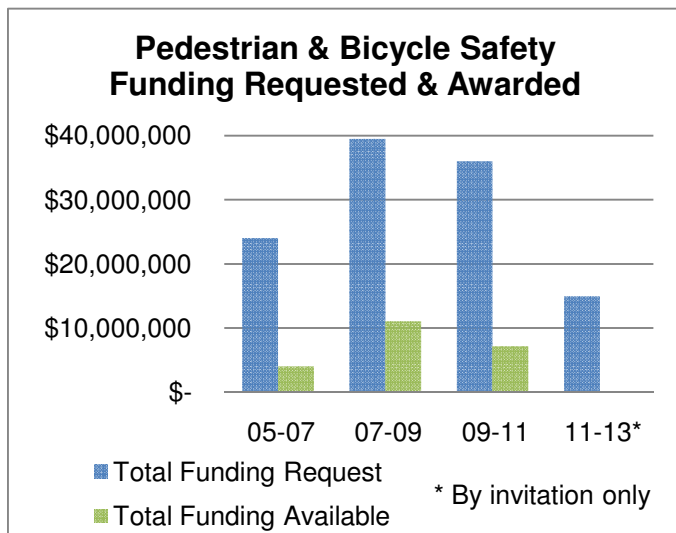
In 2005, the Governor and Washington State Legislature increased the state's role in improving conditions for biking and walking by providing funding that supports pedestrian and bicycle safety and Safe Routes to School projects (ESSB 6091). In addition, with the passage of SAFETEA-LU in 2005, a new federal Safe Routes to School program was established that provided federal funding to the state.

The state legislation requires WSDOT to identify cost-effective projects and submit a prioritized list to the legislature by December 15. To accomplish this, two separate calls for projects were offered that targeted Pedestrian & Bicycle Safety and Safe Routes to School.

Previously Selected Projects

Pedestrian and Bicycle Safety:

- \$22 million has been made available to 42 local agencies for 62 projects from the over \$98 million in requests.
- Improved over 50 individual known risk locations.
- 18 projects completed, 43 underway, and 1 cancelled.

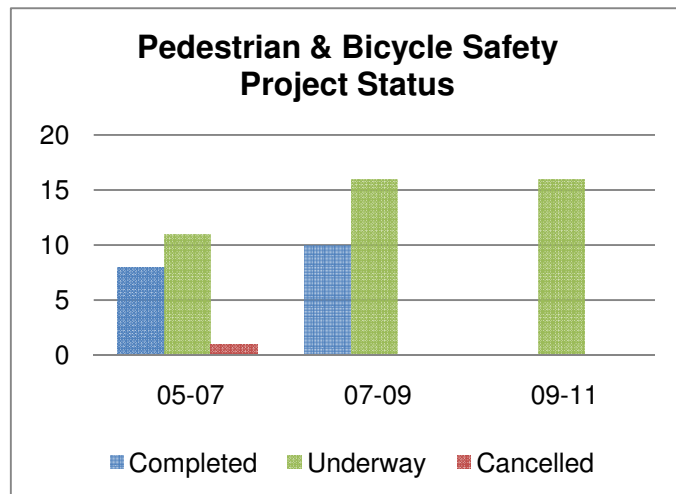


Performance Measures:

The Washington State Bicycle Facilities and Pedestrian Walkways Plan outlined the goal to decrease bicycle and pedestrian related collisions by five percent per year for the next 20 years, while doubling the amount of walking and biking.

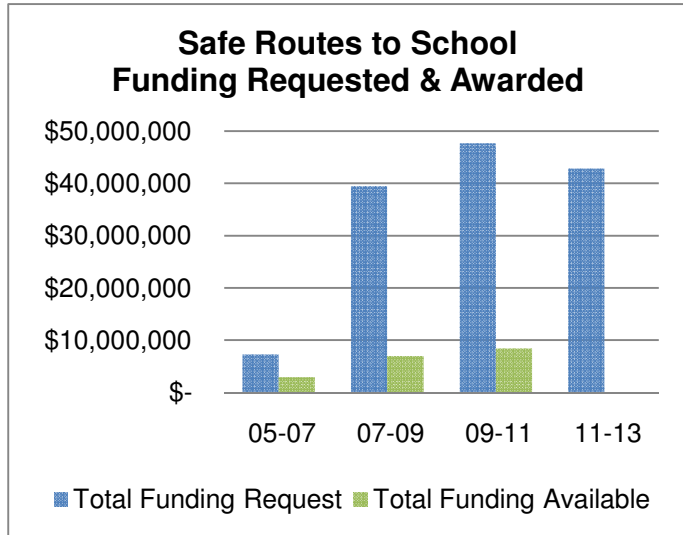
This is translated into two performance measures:

- Decrease the number of pedestrian and bicycle related collisions statewide.
- Increase the number of people walking and biking.



Safe Routes to School:

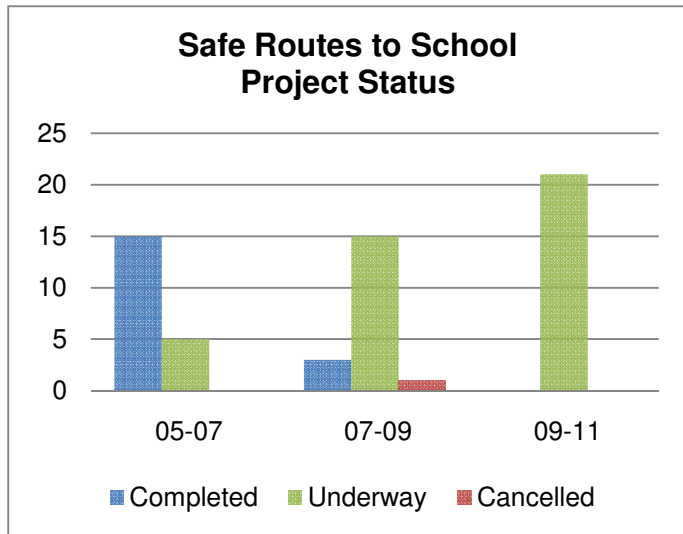
- \$17 million has been made available for 60 projects from the over \$94 million in requests.
- Improved walking and biking conditions for 123 schools and approximately 43,000 children. In addition the Statewide Safe Routes to School Bicycle and Pedestrian Safety Education Program will reach approximately 25 school districts and 23,000 children in 5th through 8th grades.
- 18 projects completed, 41 underway, and 1 cancelled.



Performance Measures:

The goal of the Safe Routes to School Program is to increase the numbers of children walking and biking to school safely. This is translated into two performance measure:

- Increase the number of children walking and biking to school.
- Decrease the number of pedestrian and bicycle related collisions involving children walking and biking to school.



The Safe Routes to School projects that have provided evaluation results show:

- An average increase of 26 percent in the number of children walking and biking to school.
- Completion of about 28,000 additional feet of pedestrian facilities.
- A reduction in motorist travel speeds and traffic citations near schools.
- Increased student compliance with safe crossing behaviors.
- No collisions occurring at completed project locations.

Project Authorization

For the 2005-07 grant cycle, the legislature approved funding in March 2006 and grant recipients were required to authorize the projects within one year. Similarly, for the 2007-09 and 2009-11 grant cycles, the legislature approved funding in June 2007 and June 2009, and grant recipients were required to authorize the projects no later than June 1, 2008 and 2010 respectively.

Timing for projects near schools and in urban settings is important. Many schools and school districts defer their projects until school is out and local agencies often prefer to work with area businesses to coordinate with other projects and minimize impacts.

See Appendix A for a complete list of projects funded by the legislature for the 2005-07; 2007-09; and 2009-11 biennia.

2011-2013 Call for Projects

For the 2011-13 biennium, approximately \$20 million in funding is anticipated to be awarded for the two programs and a total of \$58 million in requests have been received. The Department received 35 Pedestrian and Bicycle Safety projects from 26 targeted agencies and organizations totaling approximately \$15 million and the Department received 124 Safe Routes to Schools projects from 97 agencies and organizations totaling approximately \$43 million.

The Pedestrian and Bicycle Safety Program followed a more strategic approach for fiscal years 2011-2013 funding cycle by switching to invitation only. This change was made to ensure that grants targeted known risk locations with proven solutions addressing the circumstances.

WSDOT issued a press release January 2010, announcing a “call for projects” for the two grant programs. Information on the grant programs was provided to all cities and counties, tribal contacts, and to the Office of the Superintendent of Public Instruction for distribution to schools and school districts throughout the state. To familiarize applicants with the grant programs, WSDOT provided a webinar, multiple on-site reviews and presentations at statewide city and county conferences, Regional Transportation Planning Organization and Tribal Transportation Planning Organization meetings, and spoke to other organizations including the Bicycle Alliance of Washington, Feet First, Washington Coalition for Promoting Physical Activity, County Road Administration Board, and Association of Washington Cities.

Safe Routes to School grant proposals were due to the WSDOT by midnight on May 3, 2010. Pedestrian and Bicycle Safety grant proposals were due to the WSDOT by midnight on May 10, 2010.

Pedestrian and Bicycle Safety Grant Project Evaluation

The Pedestrian and Bicycle Safety program followed a more strategic approach for fiscal years 2011-2013 funding cycle by switching to invitation only. This was a change from the open call for projects used in the past three biennia, and was made to ensure that grants targeted known risk locations with proven solutions addressing the circumstances. Similar to WSDOT’s Highway Safety Improvement Program, only agencies contacted with an invitation to apply for funding were eligible to apply. Projects submitted by agencies that had not been contacted were not considered.

Invitations to submit applications were sent to public agencies where WSDOT has identified known pedestrian and bicycle risk locations. Please see Appendix B for details on the invitational methodology. Before finalizing the project list, WSDOT made site visits to the project locations.

Also see Appendix B for the 2011-13 Prioritized Pedestrian and Bicycle Safety Project List and complete evaluation criteria.

Safe Routes to School Grant Evaluation

The Safe Routes to School grant program followed a similar process as the one used in past biennia. The purpose of this program is to aid public agencies in funding cost-effective projects within two miles of primary and middle schools (K-8) that provide children a safe, healthy alternative to riding the bus or being driven to school. The project proposals describe how the project will increase the number of students walking and biking to school by making improvements in areas of health and safety education, enforcement, and engineering. Eligibility criteria and an evaluation process were developed to ensure projects met the intent of the legislation.

WSDOT received support in reviewing the applications from the Washington Traffic Safety Commission, Washington State Department of Health, Office of the Superintendent of Public Instruction, Association of Washington Cities, Association of Washington County Engineers, Childhood Obesity Prevention Coalition, Yakima Valley Conference of Governments, Department of Commerce, and Washington State Department of Transportation staff.

Before finalizing the project list, WSDOT made site visits to the project locations.

See Appendix C for the 2011-13 Prioritized Safe Routes to School Project List and complete evaluation criteria.

APPENDIX A
2005-07; 2007-09; and 2009-11 Pedestrian and Bicycle Safety Projects
2005-07; 2007-09; and 2009-11 Safe Routes to School Projects

APPENDIX A
2005-07; 2007-09; and 2009-11 Pedestrian and Bicycle Safety Projects
 Status Report

Location	Project Title	Award Year	Award Amount	Status	Project Description
Auburn	37th St SE/R St Shared Use Path	2006	\$124,300	Underway	Project improvements include constructing shared use Path from 37th Street SE to R Street SE.
Everett	7th Ave SE Pedestrian and Bicycle Safety Improvements	2006	\$461,000	Underway	Project improvements include construction of sidewalks, bicycle lane and drainage improvements.
Federal Way	King County Library Crosswalk and Transit Stop	2006	\$16,900	Complete	Project improvements include construction of solar powered pedestrian activated beacons.
Federal Way	West Campus Shared Use Path	2006	\$43,000	Complete	Project improvements include construction of advanced pedestrian warning flashing beacons, a raised crosswalk speed table, lighting, ADA retrofits, and informational pamphlets.
Kent	E Valley Hwy Sidewalk	2006	\$128,800	Underway	Project improvements include construction of sidewalks.
Kent	Military Rd/S 268th St Pedestrian Improvements	2006	\$87,000	Underway	Project improvements include construction of sidewalks and new street lights.
Kent	SE 248th St/101st Pl Pedestrian Improvements	2006	\$75,000	Underway	Project improvements include construction of sidewalks and new street lights.
Lynnwood	Bicycle Route Striping and Signing	2006	\$150,000	Complete	Project improvements include striping and signing of bicycle lanes at 168th, 188th and 208th Street.
Renton	SR 167/S 4 th Pl to SR 900/SB Ramps to SR 405 Safety Improvements	2006	\$200,000	Underway	Project improvements include the construction of sidewalks, improving the lighting for pedestrian, landscape medians, pedestrian refuge islands, planted buffer strips, benches, kiosks and transit shelters.
Renton	SR 900/Hardie Ave SW to Rainier Ave Safety Improvements	2006	\$150,000	Underway	Project improvements include the construction of new traffic signals and improve lighting for pedestrians.

Location	Project Title	Award Year	Award Amount	Status	Project Description
Renton	SR 900/S 3rd St Safety Improvements	2006	\$200,000	Underway	Project improvements include the construction of sidewalks, improve lighting for pedestrians and bicycles and improve the signalized pedestrian crossing.
Seattle	Accessible Pedestrian Signals	2006	\$67,000	Underway	Project improvements include construction of pedestrian signals in a variety of locations.
Seattle	Rainier Ave Accessible Pedestrian Signals	2006	\$33,000	Complete	Project improvements include construction of pedestrian refuge islands.
Lummi Tribe	Haxton Way Shared Use Path	2006	\$1,723,729	Underway	Project improvements include construction of a shared use path and delineate an existing shoulder by installing an 8 inch edge line, "rumble strips" and pavement markers.
Douglas County	Cascade Elementary School Pedestrian and Bicycle Safety Improvements	2006	\$36,571	Cancelled	Project improvements include the construction of sidewalks, providing information in Spanish for Hispanic students, participating in a walk to school week, educating drivers about speeding and parking violations, providing a bilingual driving safety course and utilizing radar reader boards in school zones.
Wenatchee	Peachy St Sidewalk Improvement - Phase 2	2006	\$271,550	Complete	Project improvements include construction of sidewalks at Peachy, Alaska and Spokane Street and enhancing the educational curriculum.
Tacoma	Pacific Ave Safety Improvements	2006	\$125,000	Underway	Project improvements include crosswalk pavement markings, pedestrian signage, pedestrian lighting, pedestrian refuge islands, and curb ramps.
Battle Ground (and School District)	W Main St/3rd Ave Crosswalk	2006	\$45,000	Complete	Project improvements include the installation of overhead flashing beacons, signs, instructing school children on the proper use of crosswalks, and increased police presence.
Skamania County	Cape Horn Sky Shared Use Path	2006	\$49,458	Complete	Project improvements include construction of a shared-use path and implementation of a Safe Walking and Biking Program for elementary and middle school children.
Spokane County	Green Bluff Road Sidewalk	2006	\$40,000	Complete	Project improvements include construction of a sidewalk.

Location	Project Title	Award Year	Award Amount	Status	Project Description
Anacortes	Guemes Channel Shared Use Path	2007	\$250,000	Complete	Project includes a shared-use path, flashing beacons, informational kiosk, radar speed feedback signs and bicycle purchase to enable patrols on the trail.
Auburn	Auburn Way N Pedestrian Crossing at 42nd St NE	2007	\$325,000	Complete	Project includes crosswalk, pedestrian actuated signal, pedestrian refuge island, press release and notification to businesses and increased police patrols.
Bellingham	Fraser St Pedestrian and Bicycle Safety Program	2007	\$888,560	Underway	Project includes sidewalk, bike lane, crosswalk, curb ramps, public outreach at the local elementary school, distribution of pedestrian and bicycle safety posters, media campaign, police patrols and radar speed feedback signs.
Edmonds	Puget Dr Sidewalk	2007	\$438,000	Underway	Project includes sidewalk, curb extensions, refuge islands, open house, mailers to residents and radar speed feedback signs.
Everett	W Marine View Dr Shared Use Path	2007	\$426,000	Underway	Project includes a shared use path, distribution of materials on safe pedestrian and bicycle travel and radar speed feedback signs.
Lummi Tribe	MacKenzie to Lummi School Sidewalk	2007	\$191,000	Complete	Project includes sidewalk, curb and gutter, widening shoulder, developing a safety video to be aired on public access TV, media tool kit, increased police patrols, neighborhood watch programs and radar speed feedback signs.
Renton	Rainier Ave S/S 4th Pl Safety Improvements	2007	\$230,000	Underway	Project includes pedestrian lights, signs, refuge islands, medians, replacing deficient sidewalk, informational mailer to alert area travelers and increased police patrols.
Seattle	Burke-Gilman and Duwamish Trail Safety Improvements	2007	\$100,000	Underway	Project includes improving roadway crossings, signs, way finding system at access points, bicycle map, updated website and providing information on traffic laws.

Location	Project Title	Award Year	Award Amount	Status	Project Description
Seattle	Rainier Ave S Safety Improvements	2007	\$500,000	Underway	Project includes removing existing right turn lane and traffic islands and constructing sidewalk, curb and gutter, crosswalk, signals, lights, pavement markings and drainage improvements.
Shoreline	15th Ave NE/N 170th St Safety Improvements	2007	\$425,000	Underway	Project includes signaling an intersection, public outreach through neighborhood schools and transit, newspaper articles, cable advertisements and police patrols.
Snohomish County	Mariner Park and Ride/4th Ave W Safety Improvements	2007	\$663,300	Complete	Project includes curbs, ADA accessible ramps, crosswalk signals, realigning entrances to the park and ride, illumination, signs, opening event, targeted media distribution and police patrols.
Whatcom Council of Governments	Alderwood School Safety Education Program	2007	\$64,000	Underway	Project includes a safety education program targeting residents, commuters and school children and police patrols.
Bonney Lake	Sidewalk Extension and Safety Education Program	2007	\$384,000	Underway	Project includes sidewalk and curb and gutter, targeting schools with walking and biking safety curriculum and photo enforcement.
Lacey	Lacey Woodland Trail Development Phase II	2007	\$577,200	Complete	Project includes a shared use path, design and signing workshops, kiosks promoting walking and biking safety and pedestrian safety sting operations.
Olympia	Boulevard Rd/22nd Ave to Washington Middle School Sidewalk	2007	\$499,000	Underway	Project includes sidewalk, curb and gutter, planter strip or swale, pedestrian refuge island, distribution of newsletters and transit information, police patrols and radar speed feedback signs.
Olympia	Pedestrian/Bicycle Safety Improvement Program	2007	\$187,000	Complete	Project includes citywide signs, signal detection for bicyclists, intersection enhancements, providing information through bus signs, newspaper, public service announcements, neighborhood meetings and bill inserts and increased police patrols coordinated with public outreach.

Location	Project Title	Award Year	Award Amount	Status	Project Description
Port Townsend	Sims Way Pedestrian Signal	2007	\$172,500	Complete	Project includes overhead pedestrian activated signals, safety education program targeting community groups, police patrols and radar speed feedback signs.
Port Gamble S'Klallam Tribe	Port Gamble S'Klallam Tribe Little Boston Rd Pedestrian and Bicycle Trail	2007	\$996,050	Underway	Project includes a shared use path, signs, pamphlets and safety presentation to the community, increase bicycle patrol on the path and officer training on pedestrian and bicycle safety.
University Place	Alameda Ave W Sidewalk	2007	\$798,000	Complete	Project includes sidewalk, bike lane, planter strip buffer, lights, television spots, mailings, signs, website on pedestrian and bicycle safety, and police patrols.
University Place	40th St W Sidewalk	2007	\$745,000	Underway	Project includes sidewalk, curb and gutter, crosswalk, roadway paving, mailings, website on pedestrian and bicycle safety, local access television spots, signs, police patrols and radar speed feedback signs.
Longview	15th Ave/Commerce Ave In-Roadway Lighting	2007	\$100,000	Complete	Project includes lights, signs, audible pedestrian activated in-ground flashers, overhead flashing beacons, community meetings, newspaper articles and increased police patrols.
Vancouver	Mill Plain Safety Improvements	2007	\$187,000	Underway	Project includes pedestrian countdown signals, bicycle detection devices, bicycle markings, safety event, photo enforcement of red light running and additional police patrols.
Vancouver	Fourth Plain Safety Improvements	2007	\$175,000	Underway	Project includes upgrading existing traffic signals with modern traffic controls, bicycle detectors, information on crosswalk laws and pedestrian and bicycle safety and pedestrian sting operations.
Washougal	SR 14/17th St Pedestrian Tunnel	2007	\$1,311,814	Underway	Project includes a pedestrian and bicycle tunnel, public information through signs and kiosks and police patrols of the tunnel and path.

Location	Project Title	Award Year	Award Amount	Status	Project Description
Kennewick	4th Ave/Amistad Elementary Pedestrian Signal	2007	\$65,000	Underway	Project includes pedestrian activated flashing beacons, signs, opening day event at project completion, multi-lingual information brochures targeting residents and students and increased police patrols.
Yakima	Tieton Dr Safety Improvement	2007	\$192,000	Complete	Project includes replacing deficient sidewalk, public service announcements, material on crosswalk laws, increased police patrols and pedestrian safety sting operation.
Seattle	Aurora Ave N (SR 99) and N 115th St. Pedestrian Improvements	2009	\$279,000	Underway	Project includes sidewalk, curb, gutter, ADA curb ramps, and a signalized crossing.
Burien	Ambaum Blvd. Pedestrian Safety Initiative	2009	\$71,000	Underway	Project includes three audible pedestrian signals, four speed feedback signs, in-pavement flashing crosswalk lights, a safety education program focused on students.
Bellevue	124th Ave SE Connection to the I-90 Trail	2009	\$605,000	Underway	Project includes a shared use path, a mid-block crossing, a pedestrian refuge island, improved drainage, signage, and a safety education program.
Kirkland	Central Way Pedestrian Enhancements	2009	\$198,450	Underway	Project includes curb extensions at intersections, increased police patrols, and a safety education program for elementary students.
Tacoma	Pedestrian and Bicycle Safety Crossing Signals	2009	\$835,500	Underway	Project includes minor grading, conduit, new ADA curb ramps, traffic signal, pedestrian countdown timers, crosswalk markings, curb extensions, a safety education program.
Richland	State Route 240 Shared Use Trail	2009	\$412,000	Underway	Project includes a shared use path and fencing.
Bonney Lake	State Route 410 Sidewalks	2009	\$841,000	Underway	Project includes sidewalk, curb, gutter, distribution of safety materials through website, newsletters, and events.
Everett	Casino Road Pedestrian Signals	2009	\$400,000	Underway	Project includes two traffic signals, curb extensions, ADA curb ramps, and drainage improvements.

Location	Project Title	Award Year	Award Amount	Status	Project Description
Jefferson County	Rick Tollefson Memorial Trail	2009	\$441,514	Underway	Project includes a shared use trail, two bridges, and a safety education program.
Seattle	2008 Accessible Pedestrian Signals (16 Locations)	2009	\$160,000	Underway	Project includes sixteen accessible pedestrian signals.
Spokane	Market St. Pedestrian Improvements	2009	\$1,500,000	Underway	Project includes reconstruction of sidewalk in the urban core.
Seattle	Burke Gilman Trail	2009	\$500,000	Underway	Project includes a shared use path.
Buckley	State Route 410 and Mason Avenue Pedestrian Crossing Improvement	2009	\$170,620	Underway	Project includes flashing beacons at the crosswalk, sidewalk, curb, gutter, pedestrian lighting, pavement markings, and a safety education program.
Morton	State Route 7/508 Pedestrian and Bicycle Safety Project	2009	\$338,000	Underway	Project includes sidewalk, pedestrian activated crosswalk signal, and traffic calming.
WSDOT - WSF	Seattle Ferry Terminal Bicycle Entry Gate	2009	\$223,000	Underway	Project includes a bicycle entry gate to the Seattle Ferry Terminal, bicycle ramps, pedestrian lighting, fare collection scanner, public outreach meetings and safety materials.
Leavenworth	Chumstick Highway Shared Use Trail	2009	\$200,000	Underway	Project includes a shared use trail, landscaping, retaining walls, sidewalk, ADA curb ramps, striping, signs, crosswalk markings, speed feedback signs, and flashing beacons.

Total

\$22,092,816

APPENDIX A
2005-07; 2007-09; and 2009-11 Safe Routes to School Projects
 Status Report

Location	Project Title	Award Year	Award Amount	Status	Project Description
Bellingham School District #501	Larrabee Elementary School Safe Routes to School Program	2006	\$70,000	Complete	Project includes crosswalks, overhead flashers, signage, sidewalks, school walk route maps, health and safety education, bicycle rodeo, a walk and bike to school day, crosswalk, speed enforcement and speed feedback trailer.
Ferndale School District	Feet First Ferndale	2006	\$151,000	Complete	Project includes signage, traffic signal, pedestrian, bicycle and share the road safety education, bicycle rodeos, walking school buses, and walk and bike to school day.
Vashon Island School District	Safer Walking & Bicycling Routes for Students, McMurray Middle & Chautauqua Elementary Schools	2006	\$236,500	Underway	Project includes sidewalks, crosswalks, signage, lighting, bicycle racks, bicycle safety program, pedestrian/pedometers program, and speed feedback trailers.
Wahluke School District, Mattawa	Safe Routes to Schools - Mattawa Elementary, Middle & High Schools	2006	\$150,000	Complete	Project includes sidewalk flashing beacons, pedestrian and driver safety education, and improved traffic safety around schools.
Taholah School District	Taholah School Paths	2006	\$197,344	Complete	Project includes crosswalk, sidewalks, a bicycle rodeo, and student crosswalk patrols.
Tekoa School District	Poplar St Sidewalk - Tekoa Elementary School	2006	\$73,150	Complete	Project includes sidewalks, safe routes promotion and physical activity component in PE classes.
St. John	St. John - Endicott School District 322	2006	\$23,100	Complete	Project includes sidewalk and educational literature and workshops on safe walking and biking.
Vancouver School District	NE 104th St Sidewalk - Sarah J Anderson Elementary & Gaiser Middle School	2006	\$148,000	Complete	Project includes sidewalk, bicycle and pedestrian newsletter articles, bicycle safety education, and increased police presence.

Location	Project Title	Award Year	Award Amount	Status	Project Description
Bellevue School District	Stevenson Elementary School Crosswalk	2006	\$132,000	Complete	Project includes crosswalks and signage, awareness activities, and increased speed enforcement.
Mt. Vernon School District	New and Connecting Sidewalk-LaVenture Middle School	2006	\$190,000	Complete	Project includes sidewalk, pedestrian activated crosswalk flashing beacons, pedestrian and bicycle education, a pedestrian awareness campaign, and speed feedback signs.
Seattle Public Schools	High Point Elementary Safety Improvements	2006	\$114,585	Underway	Project includes sidewalk, signing, parent outreach, school events, safety presentations, contests, bicycle education, and photo speed enforcement.
Kenroy Elementary School, East Wenatchee	Safe Passage	2006	\$140,000	Complete	Project includes sidewalk, walking promotion program, bicycle rodeo, driver safety education, and speed and crosswalk enforcement efforts.
Longview Elementary School, Moses Lake	Safe Routes to Schools	2006	\$132,365	Complete	Project includes sidewalk, activity path, parent and student pedestrian and bicycle safety programs.
Rock Island Elementary: Douglas Co	"We Walk for Fun" Program	2006	\$155,000	Underway	Project includes sidewalk, walk to school week, walking school buses, school crossing guards and educational materials.
Crescent School District, Joyce	Sidewalk - Crescent School	2006	\$116,500	Complete	Project includes sidewalk, bicycle and pedestrian safety education, safety equipment and health and exercise education.
Lakewood	86th St SW Sidewalk at Lochburn Middle School	2006	\$177,000	Complete	Project includes sidewalks, school zone flashing beacons, safety and physical education programs, school assembly and classroom education.
Edgewood	Mountain View Elementary School Safe Routes to School Program	2006	\$152,200	Underway	Project includes walkway, safe routes and pedestrian safety education, and increased police patrols.

Location	Project Title	Award Year	Award Amount	Status	Project Description
Steilacoom	Saltar's Point Elementary School Safe Routes to School Project	2006	\$367,948	Complete	Project includes sidewalk, bicycle safety fair, bicycle and walking newsletter articles, school zone safety patrols.
Walla Walla	Sidewalk Improvements	2006	\$117,536	Complete	Project includes sidewalk, railroad crossing improvement, pedestrian safety education, vegetation maintenance and educational materials.
Vancouver	Discovery Middle School Safety Improvements	2006	\$108,900	Underway	Project includes pedestrian overpass fencing, pedestrian and bicycle education, personal health and safety education, education materials, increased police patrols.
Olympic Middle School: Auburn	Olympic Middle School Safe Walking Route Improvements	2007	\$185,000	Underway	Project includes a shared use path, crosswalks, lighting, signs, safety education program, media outreach and events and increased police patrols.
Bellingham	Shuksan - Birchwood Safe Routes to School Program	2007	\$780,600	Underway	Project includes a roundabout, crosswalks, pedestrian and bicycle safety education program, increased police patrols and radar speed feedback signs.
Kent	Daniel Safe Walking and Biking	2007	\$603,050	Underway	Project includes walkways, striping, flashing beacons, bike rack, school walk route maps, student and parent safety education programs, walk and bike to school day event and radar speed feedback signs.
Kent	Horizon Safe Walking and Biking	2007	\$381,050	Underway	Project includes walkways, fencing, crosswalks, bike racks, flashing beacons, school walk route maps, safety education program, events, and radar speed feedback sign.
Redmond	Traffic & Pedestrian Improvements	2007	\$350,000	Underway	Project includes traffic signals, pavement markings, bike lanes, pedestrian safety campaigns, announcements, changes to the driver's education program and increased police patrols.
Sumner	Sumner Safe Routes to School Pedestrian Improvements	2007	\$360,000	Underway	Project includes sidewalk, lights, signs, press releases, safety promotion activities, focused mailings, increased police patrols, radar speed feedback sign and neighborhood watch program.

Location	Project Title	Award Year	Award Amount	Status	Project Description
Mt. Baker School District	Mount Baker Junior High School Crosswalk	2007	\$430,000	Cancelled	Proposed project not consistent with post award site study.
Moses Lake	Peninsula Elementary Safe Routes to School	2007	\$36,030	Underway	Project includes curb extensions, markings, signs, pedestrian safety education and promotion activities and mailings to traffic offenders about their driving behaviors.
Grays Harbor County	Safe Kids/Safe Streets Program	2007	\$425,000	Underway	Project includes sidewalk, signs, flashing beacons, crosswalk markings, school activities and curriculum, incentive based awards, press releases, crossing guard program and increased police patrols.
Bonney Lake	Bonney Lake Shared use path & Sidewalk Extension	2007	\$1,098,000	Underway	Project includes a shared use path, sidewalk, pedestrian bridge, safety promotion activities, distribution of educational materials, photo enforcement, and increased police patrols.
Kitsap County	Suquamish Elementary School Sidewalk Improvement	2007	\$500,000	Underway	Project includes sidewalk, bike lanes, signals, signs, education materials, events, increased police patrols and radar speed feedback sign.
Puyallup	Wildwood Park Elementary School Safety Improvements	2007	\$245,650	Underway	Project includes improving a pedestrian path, crosswalk, signs, walking school bus, bicycle safety program, school walk route map, outreach program, increased police patrols and citizen's patrol and traffic hotline.
Washougal	Hathaway Crosswalk Lighting	2007	\$150,000	Underway	Project includes flashing beacons, lights, crosswalk markings, signs, press releases, trainings and police patrols.
Asotin-Anatone School District	Asotin School Safety Improvements	2007	\$204,000	Complete	Project includes sidewalks, signage, bicycle and pedestrian safety education, newsletter articles, student driver education, walk and bike to school day, and speed feedback signs.

Location	Project Title	Award Year	Award Amount	Status	Project Description
Cle Elum	Progress Path	2007	\$294,000	Underway	Project includes a shared use path, fencing, crosswalk improvements, safety promotion activities, driver's safety and awareness course, police patrols and radar speed feedback signs.
Walla Walla	Edison Elementary-Pioneer Middle School Safe Route to School	2007	\$333,917	Underway	Project includes sidewalk, bike facilities, curb extensions, signs, walking school bus, safety training and using off-duty officers to patrol and provide security.
Zillah	Carlsonia St and Dean St Pedestrian Improvements	2007	\$252,600	Complete	Project includes sidewalk, crosswalk markings, safety education program, activities, distributing educational materials, police patrols, and radar speed feedback signs.
Keller School District	Keller Community Safe Routes to School	2007	\$241,250	Underway	Project includes a shared use path, crosswalk, pedestrian safety presentations, distributing materials at schools, at monthly Tribal District meetings and in the Tribal newspaper, increased police patrols and pedestrian sting operation.
Odessa School District	Odessa School Sidewalk	2007	\$127,108	Complete	Project includes sidewalk, bicycle safety program and increased police patrols.
Seattle	The John Muir 'Green Feet' Project	2009	\$129,000	Underway	Project includes pedestrian crossing flags, traffic circle or chicanes, curb ramps, signs, pedestrian and bicycle safety education and events, increased police patrols, and radar speed feedback sign.
Oak Harbor	Safe Routes to Oak Harbor Schools	2009	\$339,925	Underway	Project includes sidewalk, flashing crosswalk beacons, bicycle racks, bike route designation, signs, bicycle and pedestrian safety education, School Share, increased police patrols, and radar speed feedback trailer.
Spokane County	Ben Burr Pedestrian/Bike Trail Extension	2009	\$93,500	Underway	Project includes shared use path, crosswalk, pedestrian and bicycle safety education and encouragement activities, and increased police patrols.

Location	Project Title	Award Year	Award Amount	Status	Project Description
Bellevue	152nd Avenue Sidewalk	2009	\$192,500	Underway	Project includes sidewalk, safety barriers, signs, pedestrian safety education and events, a school speed zone, increased police patrols, and speed feedback signs.
Everett	Horizon Elementary School Walk Route Safety	2009	\$415,000	Underway	Project includes overhead school zone signs, speed feedback signs, pedestrian countdown signal heads, lighting, pedestrian and bicycle safety education, and increased police patrols.
Wenatchee	Lincoln Elementary Neighborhood Connections	2009	\$204,500	Underway	Project includes sidewalk, school speed zone, signs, speed bumps, pedestrian safety education and events, radar speed feedback trailer and increased police patrols.
Ferry County	Inchelium Safe Routes to Schools Project	2009	\$460,313	Underway	Project includes a shared use path, crosswalk, pedestrian activated flashing beacons, speed feedback sign, lighting, pavement markings, signs, pedestrian and bicycle safety and health education and events, crossing guard program, and increased police patrols.
Carnation	Pedestrian Improvements on Tolt Avenue (State Route 203) at Elementary	2009	\$148,000	Underway	Project includes flashing beacons, speed feedback sign, overhead "crosswalk" sign, pedestrian and bicycle safety education and events and increased police patrols.
University Place	40th Street Sidewalk Gap Project	2009	\$697,000	Underway	Project includes sidewalk, lighting, bike lanes, speed feedback signs, school zone signs, pedestrian and bicycle education and events, and increased police patrols.
Pacific	Alpac Elementary School Safe Walking/Bicycling Route Improvements	2009	\$265,967	Underway	Project includes sidewalk, curb extensions, raised crosswalks, bicycle parking, bicycle and pedestrian safety education and events, radar speed feedback signs, and adult crossing guard education.
Mercer Island	Lakeridge Elementary Healthy Ways to School	2009	\$220,000	Underway	Project includes sidewalk, curb extensions, raised crosswalks, bicycle parking, bicycle and pedestrian safety education and events, radar speed feedback signs, and adult crossing guard education.

Location	Project Title	Award Year	Award Amount	Status	Project Description
Seattle	2009 Focus School, Concord Elementary School	2009	\$315,150	Underway	Project includes sidewalk, planter strips, pedestrian and bicycle safety education and event, increased police patrols, speed feedback signs, and evaluation.
Marysville	47th Avenue Sidewalk Improvements	2009	\$607,150	Underway	Project includes sidewalk, shoulder, paving, pedestrian actuated crosswalk beacon, pedestrian and bicycle safety education and events, and increased police patrols.
Olympia	Two-wheels Count!	2009	\$104,500	Underway	Project includes flashing beacons, school zone signs, bike racks, bicycle counts, a volunteer speed watch program, bicycle and pedestrian safety education, and bicycle encouragement events.
Issaquah	SE Issaquah-Fall City Road	2009	\$795,000	Underway	Project includes roadway widening, sidewalk, curb extensions, lighting, crosswalk countdown signal heads, signs, pavement markings, pedestrian and bicycle safety education and events, increased police patrols, radar speed feedback signs and school zone flashing beacons.
Battle Ground	Safe Routes to Daybreak	2009	\$184,000	Underway	Project includes sidewalk, signs, overhead crosswalk flashers, school speed zone, pedestrian safety education and events, a walkability audit, and increased police patrols.
Tulalip	Healing Pathway to School	2009	\$43,400	Underway	Project includes a shared use path, fencing, concrete barrier, lighting, pedestrian and bicycle safety events, and increased police patrols.
Kirkland	Making the Connection	2009	\$498,000	Underway	Project includes sidewalk, pedestrian safety education and events, radar speed feedback trailer and increased police patrols.
Lakewood	Park Lodge Elementary-Safe Routes to School Project	2009	\$321,000	Underway	Project includes sidewalk, pedestrian activated crosswalk lights, pedestrian and bicycle safety education and events, and increased police patrols.

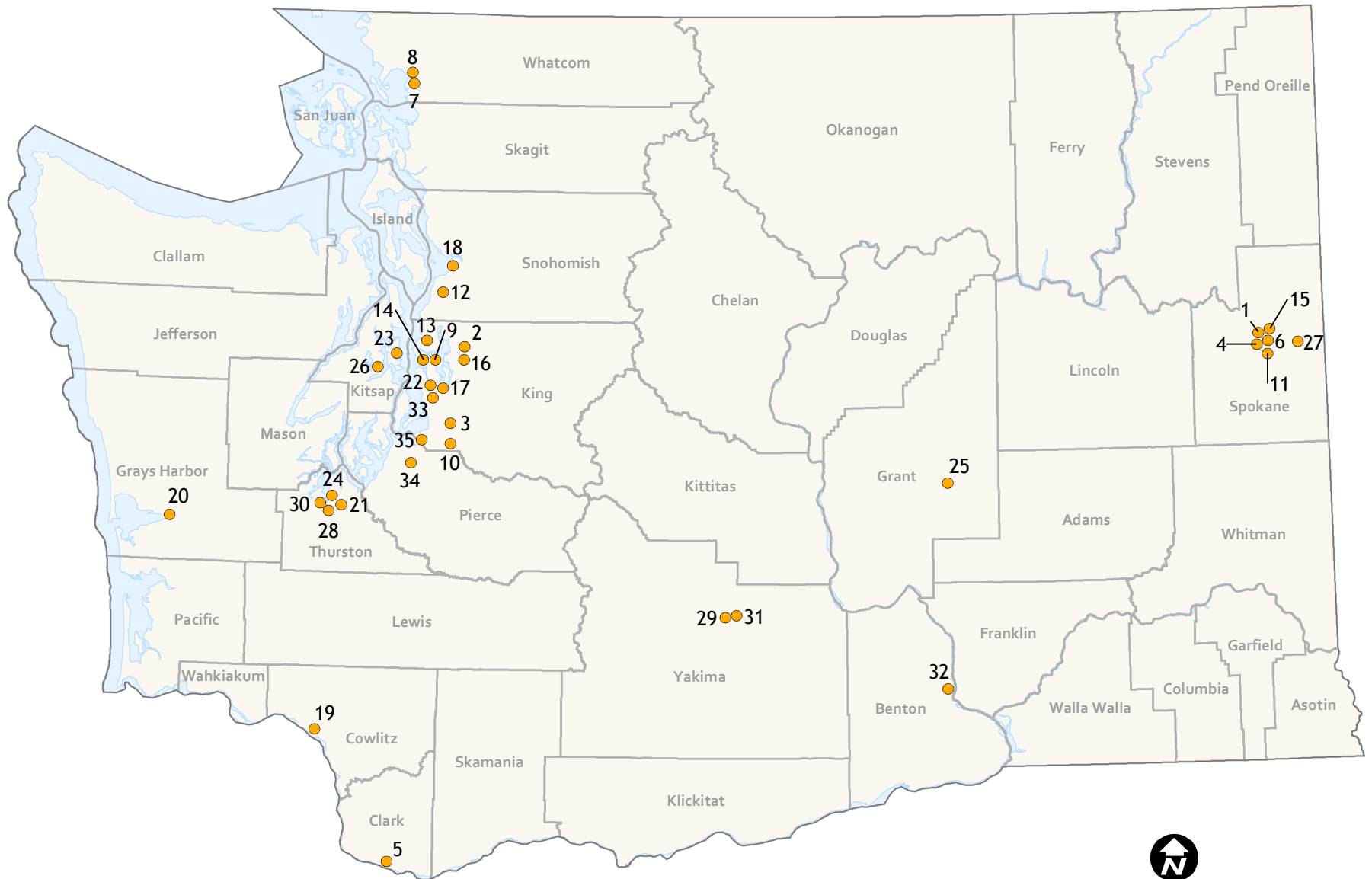
Location	Project Title	Award Year	Award Amount	Status	Project Description
University Place	Grandview Drive Improvement Project	2009	\$782,000	Underway	Project includes bike lanes, sidewalk, speed feedback signs, flashing crosswalk mast arms signs, lighting, pedestrian and bicycle education and events, and increased police patrols.
Ocean Shores	Ocean Shores Safe Routes to School Program (State Route 115)	2009	\$635,000	Underway	Project includes a sidewalk, crosswalks, school zone flashing beacons, pedestrian and driver safety education and neighborhood watch program.

Total

\$17,398,488

APPENDIX B
2011-13 Pedestrian and Bicycle Safety Program

Pedestrian and Bicycle Safety Program Applications for the 2011-13 Biennium: Project Locations and Priority Rankings



APPENDIX B
2011-13 Pedestrian and Bicycle Safety Program
Proposed Priority List

Priority	Agency	Leg District	Title of Project	Project Description	Total Project Cost	Amount Requested	Cumulative Total
1	Spokane	3, 6	North Division Street (US 2)	The project includes sidewalk, crosswalks, pedestrian refuge islands, public service safety segments, health benefits outreach, informational handouts, and traffic enforcement.	\$233,535	\$214,035	\$214,035
2	Redmond	48	SR 202 Rechannelization	The project makes channelization improvements from 4-lanes to 3-lanes with bike lanes, curb ramps, driveways and sidewalks to ADA standards, education, and targeted enforcement.	\$ 506,200	\$400,000	\$614,035
3	Kent	47	Kent Kangley Pedestrian Safety Project	The project includes two pedestrian crossings, pedestrian refuge islands, flashing beacons, crosswalks, curb ramps, accessible signals, countdown pedestrian signals, pedestrian safety campaign and materials, and pedestrian enforcement patrols.	\$416,200	\$416,200	\$1,030,235
4	Spokane	3	Browne St / Division St Couplet	This project includes curb extensions, pedestrian countdown signal heads, curb ramps, public service safety segments, health benefits outreach, and traffic enforcement.	\$423,000	\$410,000	\$1,440,235
5	Vancouver	49	Mill Plain Blvd - Hybrid Pedestrian Beacons and Lead Pedestrian Intervals	The project includes two flashing signal beacons, timing adjustments, pedestrian and bicycle safety classes, public outreach, and speed enforcement.	\$499,000	\$499,000	\$1,939,235

Priority	Agency	Leg District	Title of Project	Project Description	Total Project Cost	Amount Requested	Cumulative Total
6	Spokane	3, 6	Comprehensive Education Project	The project includes a safety media campaign, materials, events, safety display, pedestrian and bicycle safety classes, mountable camera to study behavior, targeted enforcement.	\$176,510	\$116,450	\$2,055,685
7	Bellingham	40	Indian Street Pedestrian and Bicycle Safety Project	The project includes curb extensions, curb ramps, pedestrian lighting at intersections, signage, parking removal, public awareness and education campaign, safe bicycling classes, enhanced traffic enforcement.	\$478,000	\$193,000	\$2,248,685
8	Bellingham	40	Samish Way Pedestrian and Bicycle Safety Improvement Project	The project includes flashing beacons, pedestrian refuge islands, neighborhood public awareness and safety campaign, targeted speed and crosswalk enforcement.	\$500,000	\$400,000	\$2,648,685
9	Seattle	36, 37, 43, 46	2011 Pedestrian Safety Education Campaign	The project is a pedestrian safety education campaign rolled out during the holiday season, multiple media outlets, and crosswalk compliance operations.	\$280,000	\$260,000	\$2,908,685
10	Auburn	8, 9	SR 164 Auburn Way South Corridor Improvement Plan	The project includes pedestrian lighting, relocating utility poles, landscaped median, mid-block crossing with flashing beacons, countdown pedestrian signal heads, pedestrian safety education campaign, and targeted enforcement.	\$840,830	\$740,830	\$3,649,515
11	Spokane	3	Monroe Street	The project includes countdown pedestrian signals, public service safety segments, health benefits outreach, and traffic enforcement.	\$91,100	\$80,600	\$3,730,115

Priority	Agency	Leg District	Title of Project	Project Description	Total Project Cost	Amount Requested	Cumulative Total
12	Everett	38	Evergreen Way (SR99) Airport Rd to 112th Street Pedestrian Safety	The project includes sidewalk reconstruction, curb ramps, speed feedback signs, bicycle detection, accessible pedestrian signals, brochures, events, additional police patrols and speed enforcement.	\$390,000	\$390,000	\$4,120,115
13	Seattle	46	Aurora Ave N and N 95 St New Signal	The project includes a traffic signal, pedestrian countdown signals, curb ramps, marked crosswalks, public awareness campaign, and crosswalk enforcement.	\$615,000	\$585,000	\$4,705,115
14	Seattle	36, 37, 43, 46	2011 Accessible Pedestrian Signals	The project includes accessible signals and curb ramps at 14 locations, education and enforcement campaign.	\$246,000	\$246,000	\$4,951,115
15	Spokane	3	Nevada Street	The project includes school zone flashers, sidewalk, signage, crosswalk relocation, safety education, health benefits outreach, and traffic enforcement.	\$109,960	\$100,460	\$5,051,575
16	Bellevue	48	Northup Way Pedestrian Crossing Safety Enhancements	The project includes crosswalks, curb ramps, signal poles, pedestrian lighting, accessible countdown pedestrian signals, curb extensions, and distribution of pedestrian safety information sheets.	\$442,700	\$355,000	\$5,406,575
17	Seattle	37	Rainier Beach Pedestrian Improvements	The project includes rechannelization from 4-lanes to 3-lanes with bike lanes and parking, signal timing adjustments, education and enforcement campaign.	\$275,000	\$275,000	\$5,681,575
18	Everett	38	North Everett Pedestrian and Bicycle Safety	The project includes curb ramps, radar speed feedback signs, bicycle detection, pedestrian accessible signals, sidewalk, educational materials, safety patrols and speed enforcement.	\$410,000	\$410,000	\$6,091,575

Priority	Agency	Leg District	Title of Project	Project Description	Total Project Cost	Amount Requested	Cumulative Total
19	Longview	19	15th Ave at Douglas and Hemlock Streets	The project includes curb extensions, curb ramps, countdown pedestrian signal heads with audible warnings, educational materials, and enhanced enforcement.	\$200,000	\$200,000	\$6,291,575
20	Aberdeen	19	US Hwy 101 Pedestrian Crossing Safety Project	The project includes curb extensions, pedestrian lighting, crosswalks, improved routes to transit at four non-signalized intersections, brochures, local media coverage, signage, and enforcement.	\$665,000	\$665,000	\$6,956,575
21	Lacey	22	College Street and 22nd Avenue Traffic Calming Project	The project includes a roundabout, sidewalks, curb ramps, pedestrian lighting, landscaping, education program expansion, enforcement, pace car campaign.	\$ 2500,000	\$1,750,000	\$8,706,575
22	Seattle	37	South Fisher Place at Rainier Ave S Sidewalk	The project includes sidewalk, pedestrian lighting, landscaping, group walks, and targeted speed enforcement.	\$519,000	\$509,000	\$9,215,575
23	Bainbridge Island	23	Madison Avenue Non-motorized Safety Improvement Project	The project includes shoulder, sidewalk and sign improvements, ditch and storm drainage relocation, pavement repair, solar powered speed indicator signs, and education at bicycle safety fair.	\$240,000	\$240,000	\$9,455,575
24	Olympia	22	Cooper Point Road Pedestrian Crossing Improvement	The project includes crosswalks, pedestrian refuge island, signage, educational handouts.	\$249,400	\$199,520	\$9,655,095
25	Moses Lake	13	Stratford Road Crosswalk Project	The project reconfigures the intersection and crosswalks, includes midblock crossing, curb extensions, flashing beacons, pedestrian lighting, pedestrian refuge island, and signage.	\$150,000	\$150,000	\$9,805,095

Priority	Agency	Leg District	Title of Project	Project Description	Total Project Cost	Amount Requested	Cumulative Total
26	Bremerton	23	SR 303 Pedestrian and Bicycle Safety Improvements	The project includes crossing improvements at three intersections, pedestrian lighting, in-pavement lighting, signal improvements, improved signing and public information plan, enforcement.	\$1,000,000	\$1,000,000	\$10,805,095
27	Spokane Valley	4	Sullivan Rd Sidewalk Project	The project includes a sidewalk and education and enforcement through match.	\$867,000	\$842,000	\$11,647,095
28	Tumwater	22	Israel Road Pedestrian Improvement	The project includes pedestrian refuge islands, crosswalks, signage, curb ramps, education program expansion, and enhanced enforcement.	\$320,000	\$320,000	\$11,967,095
29	Yakima	14	16th Ave and Fruitvale Blvd Intersection Pedestrian Improvements	The project includes sidewalk, curb ramps, a public service announcement campaign, and targeted enforcement.	\$370,000	\$370,000	\$12,337,095
30	Olympia	22	Capitol Mall Drive and Alta Street Pedestrian Crossing	The project includes crosswalks, pedestrian refuge island, signage, educational handouts.	\$267,345	\$213,875	\$12,550,970
31	Yakima	14	Powerhouse Road Sidewalk	The project includes sidewalk, a public service announcement campaign, and targeted enforcement.	\$465,000	\$465,000	\$13,015,970
32	Richland	8	SR 240 Multi-Purpose Trail	The project includes a 12 ft wide asphalt shared-use path.	\$680,000	\$680,000	\$13,695,970
33	Tukwila	11, 37	Cascade View Elementary Safe Routes Demonstration Program	The project includes a shared-use path, walk audit, walk route maps, walking school buses, safety information and instruction, patrols, and crossing guards.	\$642,050	\$642,050	\$14,338,020

Priority	Agency	Leg District	Title of Project	Project Description	Total Project Cost	Amount Requested	Cumulative Total
34	Tacoma	27	Sheridan Elementary Safe Routes to School Project	The project includes curb extensions, sidewalk, curb ramps, bike racks, safety and educational materials, walking school bus, increased enforcement, speed feedback sign, and neighborhood speed watch.	\$431,606	\$397,206	\$14,735,226
35	Federal Way	30	City of Federal Way Pedestrian & Bicycle Safety Program	The project includes countdown pedestrian signals, signal timing adjustments, curb ramps, pedestrian lighting, flashing beacons, accessible signals, safety patrols, speed enforcement, handouts, and press releases.	\$240,460	\$198,000	\$14,933,226

2009-11 Pedestrian and Bicycle Safety Program

Eligible Applicants

The Pedestrian and Bicycle Safety program followed a more strategic approach for fiscal years 2011-2013 funding cycle by switching to invitation only. This was a change from the open call for projects used in the past three biennia, and was made to ensure that grants targeted known risk locations with proven solutions addressing the circumstances. Similar to WSDOT's Highway Safety Improvement Program, only agencies contacted with an invitation to apply for funding were eligible to apply. Projects submitted by agencies that had not been contacted were not considered.

Invitations to submit applications were sent to public agencies where WSDOT has identified known pedestrian and bicycle risk locations.

Invitational Call for Projects

In 2005, the Pedestrian & Bicycle Safety Program was established to address the nearly 400 statewide fatal and injury collisions involving pedestrians and bicyclists that occur each year. Between 2006 and 2008, over 9,500 bicycle and pedestrian collisions occurred in Washington State. There were an average of 3,100 collisions per year and over 8,300 of those occurred within cities. Studies conducted both independently and through WSDOT have concluded that pedestrian and bicycle safety research should focus on transportation systems within towns, cities, and metropolitan areas.¹ Several approaches were taken to assess the various municipalities around the state.

Collision Rate

First, a collision rate for each jurisdiction in Washington was determined based on a community's population, density, and collision information. A rate of frequency was then found to determine the cutoff point for each method. The Office of Financial Management provided data on community population and density and WSDOT provided collision data.

Collision rates for each city were assessed by using various methods including:

- All collisions involving pedestrians and bicyclists
- Fatal and serious injury collisions involving pedestrians and bicyclists
- All collisions involving pedestrians and bicyclists while also including a multiplier
- The Pedestrian Danger Index, a method outlined in Transportation for America's publication *Dangerous by Design*.

All Collisions

This rate was found by dividing the community's density by their total number of fatal and serious injury collisions involving pedestrians and bicyclists. Based on these calculations, the locations to study are:

1. Seattle

11. Spokane Valley

21. Moses Lake

¹ Moudon, A.V., L. Lin, P. Hurvitz, and P. Reeves. Risk of Pedestrian Collision Occurrence: Case Control Study of Collision Locations on State Routes in King County and Seattle, Washington. In *Transportation Research Record: Journal of the Transportation Research Board*, No. 2073, Transportation Research Board of the National Academies, Washington, D.C., 2008 pp. 25-38

- | | | |
|----------------------|-----------------|------------------|
| 2. Spokane | 12. Bremerton | 22. Redmond |
| 3. Tacoma | 13. Auburn | 23. Puyallup |
| 4. Olympia | 14. Yakima | 24. Renton |
| 5. Everett | 15. Richland | 25. SeaTac |
| 6. Vancouver | 16. Federal Way | 26. Lakewood |
| 7. Bellingham | 17. Longview | 27. Tukwila |
| 8. Kent | 18. Lacey | 28. Port Angeles |
| 9. Bainbridge Island | 19. Aberdeen | 29. Kennewick |
| 10. Bellevue | 20. Tumwater | |

Fatal and Serious Injury Collisions

The Fatal and Serious Injury Rate was found by dividing the community's density by their total number of collisions involving pedestrians and bicyclists. Based on these calculations, the locations to study are:

- | | |
|----------------------|--------------------|
| 1. Seattle | 14. Yakima |
| 2. Spokane | 15. SeaTac |
| 3. Tacoma | 16. Redmond |
| 4. Everett | 17. Richland |
| 5. Auburn | 18. Montesano |
| 6. Bainbridge Island | 19. Spokane Valley |
| 7. Vancouver | 20. Fife |
| 8. Bellingham | 21. Chelan |
| 9. Tukwila | 22. Kent |
| 10. Bellevue | 23. Bremerton |
| 11. Port Angeles | 24. Lacey |
| 12. Olympia | 25. Puyallup |
| 13. Pasco | 26. Mesa |

All Collisions with Multiplier

This method used all collisions involving pedestrians and bicyclists and a multiplier based on the collision severity.

<i>Severity</i>		<i>Severity Code</i>	<i>n</i>
Fatal	4		142
Dead at Scene			
Dead on Arrival			
Died in Hospital			
Serious Injury	3		1033
Evident Injury	2		3837
Possible Injury	1		2976
No Injury	0		322

Based on these calculations, the locations to study are:

- | | |
|----------------------|-----------------|
| 1. Seattle | 14. Yakima |
| 2. Spokane | 15. Longview |
| 3. Tacoma | 16. Federal Way |
| 4. Vancouver | 17. Richland |
| 5. Everett | 18. Redmond |
| 6. Olympia | 19. Moses Lake |
| 7. Bellingham | 20. Tumwater |
| 8. Bainbridge Island | 21. Lacey |

- 9. Bellevue
- 10. Kent
- 11. Auburn
- 12. Spokane Valley
- 13. Bremerton

- 22. Port Angeles
- 23. Aberdeen
- 24. Tukwila
- 25. Puyallup
- 26. SeaTac

Pedestrian Danger Index

The Pedestrian Danger Index (PDI) uses the average pedestrian fatality rate per 100,000 residents and the percentage of residents who commute to work by foot. The following data table was taken from Transportation for America's *Dangerous by Design* publication and focuses on metropolitan areas around the state. The percent of workers walking to work was based on the 2000 census. The PDI focuses on those areas with a high number of fatalities despite low walking rates.

Metro Area Pedestrian Safety Rankings: Washington

Safety Rank Within State	Metro Area	Pedestrian Danger Index	Total Pedestrian Fatalities (2007-2008)	% of Total Traffic Deaths That Were Pedestrians	Avg. Yr. Fed \$ Spent Per Person	% of Workers Walking to Work	2008 Population
1	Yakima	80.7	10	15.20%	\$1.12	2.60%	234,564
2	Kennewick-Pasco-Richland	51.2	4	12.10%	\$1.18	1.70%	235,841
3	Bellingham	37.1	6	16.20%	\$2.29	4.10%	196,529
4	Portland-Vancouver-Beaverton	36.4	47	15.60%	\$1.98	2.90%	2,207,462
5	Seattle-Tacoma-Bellevue	31.1	65	16.70%	\$3.28	3.10%	3,344,813
6	Mount Vernon-Anacortes	28.4	2	6.70%	\$0.00	3.00%	118,000
7	Bremerton-Silverdale	22.3	4	10.30%	\$0.45	3.80%	239,769
8	Wenatchee	22	2	8.70%	\$4.25	4.20%	108,193
9	Longview	21.9	1	4.50%	\$0.61	2.30%	101,254
10	Spokane	19.4	5	9.10%	\$1.30	2.80%	462,677
11	Olympia	15	2	4.30%	\$1.85	2.80%	245,181
12	Lewiston	0	0	0.00%	\$3.82	3.00%	73,129

The table above acts as a cross-reference for the other methods outlined. It is limited in the fact that it focuses on pedestrian fatalities and does not include bicyclist fatality or commuting data. Future research into this area would be useful to provide a similar analysis for each city across the state.

For further information on the *Dangerous by Design* methodology and their complete findings visit: <http://t4america.org/resources/dangerousbydesign/>.

Risk Location Identification

The priority risk communities determined above then gave a starting point to identify pedestrian and bicycle risk locations across the state. The risk location identification was conducted through the following steps:

1. Data Analysis

2. Visual Assessment
3. Crosscheck

Data Analysis

The data analysis sorted the database of collision locations involving pedestrians and bicyclists between 2006 and 2008 received from the WSDOT Statewide Travel and Collision Data Office. A pivot table was created in Microsoft Excel to sort by city then primary traffic way. The table was then reviewed and those roadways with five or more collisions within a specific city were highlighted. The analysis did not take collision proximity into account, merely a total of the number of collisions along the corridor. A list was then compiled of each city and its roadways with five or more bicycle and pedestrian collisions.

Visual Assessment

The visual assessment built upon the list created in the data analysis. Each location was assessed by reviewing the available geocoded collision locations involving pedestrians and bicyclists to determine where risk locations may be located. The geocoded locations included those on city streets and state routes between 2006 and 2008. Not all collisions on city streets were available for review in GIS format due to data limitations, such as lack of address, inaccuracies in address, and human error.

In addition to reviewing the locations found during the data analysis, other apparent corridors that could be seen using the GIS were noted and added.

Crosscheck

This above list was then vetted against various resources compiled by both WSDOT and the University of Washington including:

- Pedestrian Accident Location Analysis (PALs) list for the 2007-2009 biennium
- Hotspot Analyses of Pedestrian and Bicyclist Collisions and Locations²
- State Highways as Main Streets: A Study of Community Design and Visioning³
- Funded Pedestrian & Bicycle Safety Grant Projects
- Funded Safe Routes to School Projects
- Funded Highway Safety Improvement Projects

Evaluation Criteria

All proposals will be reviewed to ensure that they are complete and eligible for funding. An advisory group will evaluate the proposals and make recommendations. A site visit will be conducted by WSDOT staff prior to developing the list of priorities. A prioritized list of projects will be submitted to the Governor's office and the legislature by December 15, 2010, who will make final decisions on projects and grant awards. Announcements are expected by June 2011.

The following criteria will be used to evaluate the project proposals. The ranking criteria

² Hurvitz P., A.V. Moudon, L. Lin, L. de Montigny, P. Reeves. Hotspot Analysis of Pedestrian and Bicyclist Collisions and Locations, WSDOT and University of Washington Research Study

³ Nicholls, J., W. Payne, C. Gear, and J. Miller. 2009. State Highways as Main Streets: A Study of Community Design and Visioning

are expressed numerically, with 5 being the highest and 1 being the lowest. Projects providing match shall be given preference.

(1) Current Conditions

Describe the environment surrounding the project. Based on recent state and national research, arterial streets in urban areas with higher speeds and volumes and that have housing mixed with commercial attractions, transit service, and other pedestrian and bicycle generators are the locations with the most collisions and risk. Also indicate other safety improvement projects that have been completed adjacent to the project location.

- 5 Pts = High risk location.
- 3 Pts = Moderate risk location.
- 1 Pt = Lower risk location.

(2) Project Impact

The project reduces potential pedestrian and bicycle conflicts with motor vehicle traffic; reduces traffic volume around schools; and/or establishes safer and fully accessible crossings, walkways, trails, or bikeways consistent with WSDOT Design Standards or the AASHTO "Guide for the Planning, Design, and Operation of Pedestrian Facilities" or "Guide for the Development of Bicycle Facilities".

- 5 Pts = Substantial long term solution.
- 3 Pts = Moderate improvements.
- 1 Pt = Little or no safety improvement to be derived from the project.

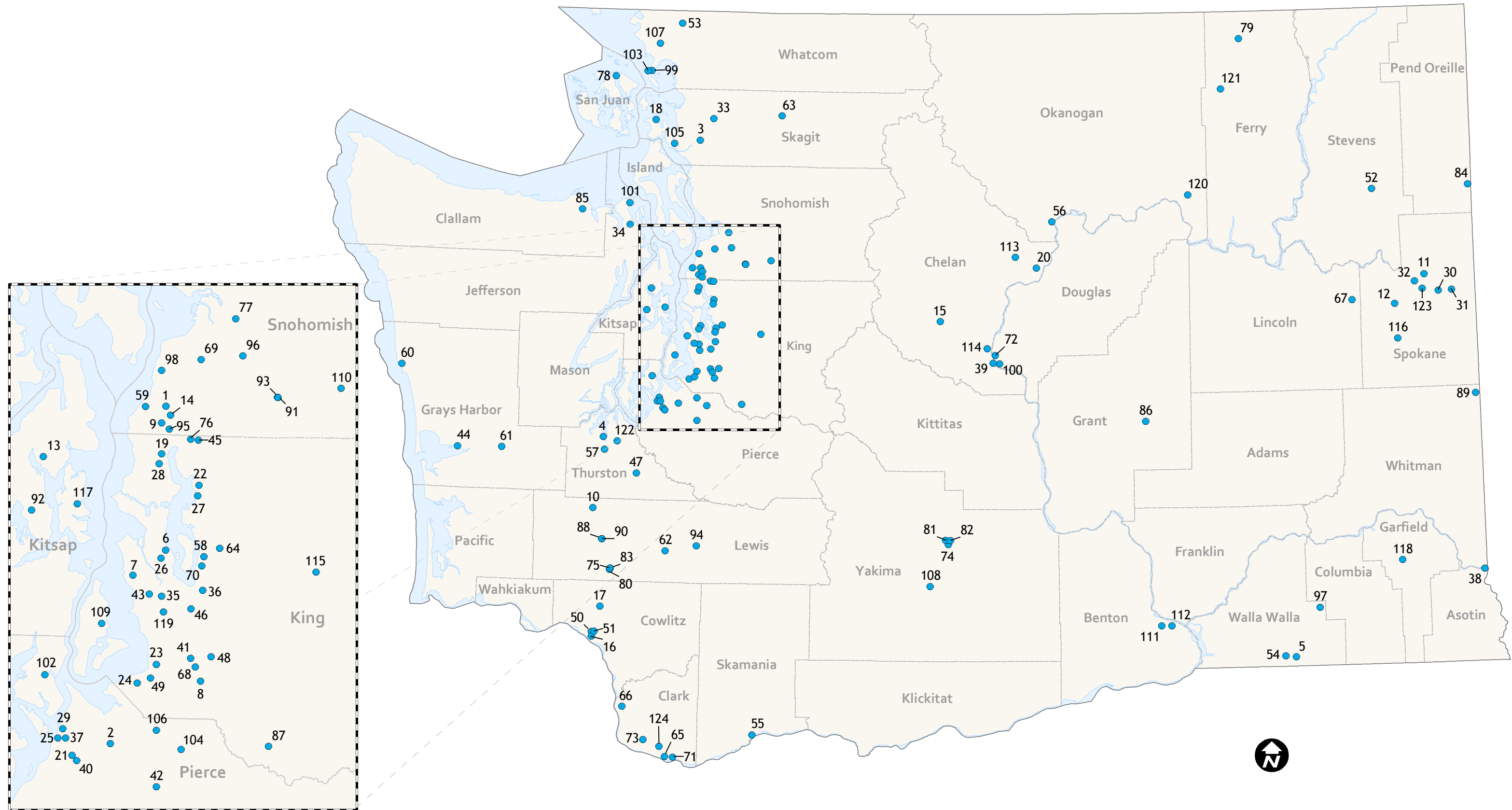
(3) Implementation

There is a demonstrated need for the proposed improvements, and if appropriate for the project/program, a strong partnership among local agencies that will ensure this project moves ahead on time and on budget. The project is ready to proceed and coordination has taken place with all stakeholders.

- 5 Pts = Clear, committed multi-agency partnership and/or ability to complete the project between June 2011 and June 2012.
- 3 Pts = Multi-agency partnership and/or completion date between June 2012 and June 2013.
- 1 Pt = No established partnerships or partnerships to be established after receipt of grant and/or completion date after June 2013.

APPENDIX C
2011-13 Safe Routes to School Program

Safe Routes to School Program Applications for the 2011-13 Biennium: Project Locations and Priority Rankings



APPENDIX C
2011-13 Safe Routes to School Program
Proposed Priority List

Final Priority	Agency	Location	Leg Dist	Title of Project	Project Description	Total Project Cost	Amount Requested	Cumulative Total
1	Lynnwood	Lynnwood	21	Creating Walking and Cycling Paths in Lynnwood	The project includes sidewalk, curb ramps, bike lanes, crossing flags, lighting, flashing beacons, pedestrian and bicycle safety classes and events, extra police patrols and crosswalk enforcement, and speed feedback signs.	\$600,000	\$250,000	\$250,000
2	Tacoma	Tacoma	27	Sheridan Elementary - Safe Routes to School Project	The project includes sidewalk, curb extensions, curb ramps, bike racks, educational materials, maps, walk and bike to school day events and materials, additional police patrols, speed feedback sign, and neighborhood speed watch.	\$414,360	\$379,960	\$629,960
3	Mount Vernon	Mount Vernon	40, 10	Mount Vernon Safe Routes to School 2010	The project includes sidewalk, speed zone signs, narrow/reduce travel lanes, bike lanes, on street parking, crosswalk, pedestrian safety education events and materials, bicycle safety instruction equipment, parent education, drivers safety education classes, public service announcements, extra police patrols, and crossing guards.	\$368,100	\$308,100	\$938,060
4	Olympia	Olympia	22	Garfield Elementary School, Safe Walking Routes	The project includes school speed zone signs, flashing beacons, bicycle racks, bicycle education equipment, walk and bike to school day events and materials, maps, health education, public service announcements, neighborhood speed watch, and extra police patrols.	\$58,700	\$58,700	\$996,760

Final Priority	Agency	Location	Leg Dist	Title of Project	Project Description	Total Project Cost	Amount Requested	Cumulative Total
5	Walla Walla County	Walla Walla County	16	Safe Routes to Prospect Point Elementary School	The project includes shared use path, sidewalk, bike lanes, curb extensions, curb ramps, speed tables, pavement markings, signage, retaining wall, pedestrian and bicycle safety classes, materials, and events, parent education, speed feedback signs, crossing guards, and crosswalk enforcement.	\$1,054,000	\$330,000	\$1,326,760
6	Seattle	Seattle	37	Hawthorne Hike and Bike	The project includes chicanes, pedestrian crossing flags, bike racks, pedestrian and bicycle safety education and encouragement materials and events, maps, additional police patrols, and speed feedback sign.	\$150,500	\$132,000	\$1,458,760
7	Seattle	Seattle	11	Roxhill Elementary - Feet, Food and Fitness	The project includes sidewalk, curb ramps, curb extensions, parent and teacher education, bicycle and pedestrian safety classes, materials, and events, public service announcements, additional police patrols, and speed feedback sign.	\$579,000	\$564,000	\$2,022,760
8	Auburn	Auburn	08, 09	Lea Hill Safe Walking/Cycling Route Improvements	The project includes sidewalk, bike lanes, bicycle racks, curb ramps, pedestrian countdown signal, crosswalk, public education materials, bicycle and pedestrian safety classes and events, crossing guards, increased police patrols, photo speed enforcement, and speed feedback signs.	\$422,035	\$398,500	\$2,421,260
9	Mountlake Terrace	Mountlake Terrace	21	54th Avenue West Sidewalk Improvement Project	The project includes sidewalk, curb ramps, bicycle safety classes, speed feedback signs, increased police patrols, and crossing guards.	\$509,304	\$330,304	\$2,751,564

Final Priority	Agency	Location	Leg Dist	Title of Project	Project Description	Total Project Cost	Amount Requested	Cumulative Total
10	Centralia	Centralia	20	Centralia 2010 School Safety Enhancement Program	The project includes school zone signs, crosswalk in-ground flashing beacons, pedestrian and bicycle safety classes, maps, public service announcements, additional police patrols.	\$316,950	\$297,750	\$3,049,314
11	Spokane County	Spokane County	6	Northwood Middle School and Farwell Elementary School Safety Project	The project includes a traffic signal, crosswalks, sidewalk, pedestrian and bicycle safety classes, events and materials, maps, public service announcements, additional police patrols and crosswalk enforcement.	\$435,115	\$373,794	\$3,423,108
12	Airway Heights	Airway Heights	7	Sunset Elementary Safe Routes Grant 2010	The project includes sidewalk, flashing beacons, fence, crosswalk markings, bicycle and pedestrian safety classes, materials and events, speed feedback signs, and additional police patrols.	\$324,565	\$223,692	\$3,646,800
13	Poulsbo	Poulsbo	23	North Kitsap Schools Poulsbo Campus Complex Safe Routes Program	The project includes sidewalk, curb ramps, bicycle lane, narrow/reduce travel lane width, flashing beacons, pedestrian railing, pavement markings, walk and bike to school day events and materials, maps, speed feedback signs, and additional police patrols.	\$353,000	\$298,000	\$3,944,800
14	Snohomish County	Snohomish County	21	Walk Route Safety Improvements - Hazelwood Elem	The project includes school zone signs, bicycle and pedestrian safety education, events and materials, neighborhood watch program, crossing guards, additional police patrols, and speed feedback signs.	\$78,612	\$78,000	\$4,022,800

Final Priority	Agency	Location	Leg Dist	Title of Project	Project Description	Total Project Cost	Amount Requested	Cumulative Total
15	Leavenworth	Leavenworth	12	Cascade School District Safe Routes Program	The project includes sidewalk, curb ramps, signage, pavement markings, intersection re-alignment, no parking zones, school zone flashing beacons, pedestrian and bicycle safety seminars, crossing guard training, flagger safety classes, flyers, bicycle safety education, walking school bus, radar speed feedback signs, and additional police patrols.	\$378,000	\$338,000	\$4,360,800
16	Longview	Longview	19	Washington Way at 28th Avenue	The project includes in-pavement flashing beacons, curb ramps, pedestrian crossing audible warning, educational materials, in-classroom pedestrian safety education, increased enforcement, and photo enforcement.	\$150,000	\$150,000	\$4,510,800
17	Castle Rock	Castle Rock	19	Castle Rock's Safe Routes to School Improvements	The project includes sidewalk, path, crosswalk with signal, signage, shelter, pedestrian and bicycle safety classes, events and materials, crossing guards, photo speed enforcement, crosswalk enforcement and additional police patrols.	\$322,000	\$322,000	\$4,832,800
18	Anacortes	Anacortes	40	Anacortes Safe Routes Bike and Pedestrian Safety, Education and Enforcement Improvements- Locations Vary	The project includes sidewalk, pavement markings, signage, curb extensions, bike racks, shared use path, pedestrian and bicycle safety classes, events and materials, additional police patrols.	\$775,000	\$675,000	\$5,507,800
19	Shoreline	Shoreline	32	Briarcrest Safe Routes	The project includes sidewalks, public outreach, Safe Routes to School Week event and materials, public service announcements, and additional police patrols.	\$425,000	\$385,000	\$5,892,800

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20	Chelan	Chelan	12	Bradley Street - Morgen Owings Elementary to Gibson Ave	The project includes shared use paths, on street parking, narrow/reduce travel lane width, planter strips, bike racks, crosswalks, curb extensions, flashing beacons, pedestrian and bicycle safety classes and materials, parent education, additional police patrols and crossing guards.	\$455,913	\$423,413	\$6,316,213
21	Lakewood	Lakewood	28	Dower Elementary - Safe Routes to School Project	The project includes sidewalk, curb ramps, flashing beacons, walk to school day events and materials, maps, and additional police patrols.	\$277,000	\$257,000	\$6,573,213
22	Kirkland	Kirkland	48	Peter Kirk Elementary	The project includes sidewalk, curb ramps, crosswalk, bike racks, maps, walk to school day events and materials, and increased police patrols.	\$512,600	\$456,600	\$7,029,813
23	Federal Way	Federal Way	30	Mark Twain Elementary - Safe Routes to School Program	The project includes walkway, school zone signs, crosswalk markings, flashing beacons, curb ramps, walk and bike to school day events and materials, crosswalk enforcement, and speed feedback signs.	\$421,197	\$386,057	\$7,415,870
24	Federal Way	Federal Way	30	Lakota Middle School-Safe Routes to School Program Federal Way	The project includes a traffic signal, pedestrian countdown signals, pavement markings, curb ramps, sidewalk, planter strip, bike lanes, lighting, bicycle and pedestrian safety classes, events and materials, and crosswalk enforcement.	\$885,080	\$859,080	\$8,274,950
25	University Place	University Place	28	Beckonridge Drive Safe Routes to School Project	The project includes sidewalk, lighting, planter strip, curb ramps, flashing beacon, pavement markings, signage, maps, pedestrian and bicycle safety materials and events, increased police patrols and speed feedback signs.	\$900,000	\$830,000	\$9,104,950

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26	Seattle	Seattle	11	Dearborn Park Elementary School Sidewalk	The project includes sidewalk, planter strip, curb ramps, walk and bike to school day events and materials, additional police patrols, and speed feedback sign.	\$607,000	\$587,000	\$9,691,950
27	Kirkland	Kirkland	48	Lakeview Elementary	The project includes sidewalk, crosswalk, flashing beacons, curb ramps, bicycle racks, bicycle and pedestrian safety classes, and additional police patrols.	\$348,000	\$348,000	\$10,039,950
28	Seattle	Seattle	46	Olympic Hills Elementary Sidewalk	The project includes sidewalk, planter strip, bicycle and pedestrian safety classes, walk to school day events and materials, parent and teacher safety education, additional police patrols, and radar speed gun spot speed study.	\$439,500	\$424,500	\$10,464,450
29	University Place	University Place	28	27th Street Safe Routes to Schools Project	The project includes sidewalk, pedestrian lighting, planter strip, curb ramps, signal, pavement markings, signage, maps, pedestrian and bicycle safety education events and materials, additional police patrols and speed feedback signs.	\$1,010,000	\$910,000	\$11,374,450
30	Spokane County	Spokane County	4	Pasadena Park Elementary School Pathway Project	The project includes sidewalk, crosswalk, flashing beacons, bike racks, pedestrian and bicycle safety classes, events and materials, parent education, additional police patrols, and crosswalk enforcement.	\$464,846	\$451,992	\$11,826,442
31	Spokane Valley	Spokane Valley	4	Wellesley Ave Sidewalk and Adams Road Sidewalk	The project includes sidewalk, curb ramps, pedestrian and bicycle safety classes, additional police patrols, crossing guards, and crosswalk enforcement.	\$691,000	\$628,000	\$12,454,442

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32	Spokane County	Spokane County	6	Prairie View Elementary School Sidewalk Project	The project includes sidewalk, crosswalk markings, signage, parent education, pedestrian and bicycle safety classes, events and materials, maps, additional police patrols, crosswalk enforcement, and crossing guards.	\$418,202	\$408,465	\$12,862,907
33	Sedro-Woolley	Sedro-Woolley	39	SR9 Pedestrian/Bicycle Safety Improvements Project	The project includes sidewalk, bicycle and pedestrian safety classes and equipment, and additional police patrols.	\$904,000	\$400,000	\$13,262,907
34	Jefferson County	Jefferson County	24	SR 19 Pedestrian Crossing Improvement, Trail Connection, and Student Encouragement Project	The project includes sidewalk, shared use path, flashing beacons, signage, bike racks, parent and student pedestrian and bicycle safety classes, events and materials, bicycle officer patrols, speed feedback signs, and crosswalk enforcement.	\$464,844	\$438,669	\$13,701,576
35	Tukwila	Tukwila	11, 37	Cascade View Elementary Safe Routes Demonstration Program	The project includes shared use path, maps, parent education, bicycle and pedestrian safety events and programs, additional police patrols, and crossing guards.	\$642,050	\$642,050	\$14,343,626
36	Renton	Renton	41	Highlands Elementary - Monroe Ave Sidewalk Improvements	The project includes sidewalks, planter strip, flashing beacons, signage, pedestrian and bicycle safety education and materials, and additional police patrols.	\$360,000	\$315,000	\$14,658,626

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37	University Place	University Place	28	44th Street Safe Routes to School Project	The project includes sidewalk, pedestrian lighting, planter strip, curb ramps, pavement markings, signage, maps, pedestrian and bicycle safety events and materials, additional police patrols, and speed feedback signs.	\$890,000	\$820,000	\$15,478,626
38	Grantham Elementary	Clarkston	9	Grantham Sidewalk Improvements	The project includes sidewalk, narrow/reduced travel lane width, no parking zones, bicycle and pedestrian safety events and materials, and additional police patrols.	\$444,031	\$444,031	\$15,922,657
39	Wenatchee	Wenatchee	12	Okanogan and Red Apple Road Sidewalks and Pedestrian Enhancements	The project includes sidewalk, crosswalks, curb ramps, signage, flashing beacons, walk to school day events and materials, crossing guards, and speed feedback signs.	\$261,500	\$191,500	\$16,114,157
40	Lakewood	Lakewood	28	Lochburn Middle School - Safe Routes to School Project	The project includes sidewalk, curb ramps, walk and bike to school day events and materials, maps, and additional police patrols.	\$392,000	\$367,000	\$16,481,157
41	Kent Police Department	Kent	33	Scenic Hill Elementary Safe Routes to School Project	The project includes walkway, flashing beacons, walk and bike to school day events and materials, parent and teacher education, additional police patrols, crosswalk enforcement, and speed feedback signs.	\$388,390	\$386,390	\$16,867,547
42	Puyallup School District	Puyallup	25	Firgrove/Ballou Student Safety Improvements & Programs	The project includes raised pedestrian refuge island, sidewalk, walkway, bicycle and pedestrian safety events and materials, crossing guard, and additional police patrols.	\$150,000	\$115,000	\$16,982,547

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43	Burien	Burien	11	8th Ave. South Cedarhurst Elementary School Safe Access Project	The project includes sidewalk, curb ramps, signage, pavement markings, bicycle and pedestrian safety events and materials, parent education, additional police patrols, speed feedback sign, and crossing guards.	\$625,000	\$425,000	\$17,407,547
44	Hoquiam	Hoquiam	24	Central Elementary School	The project includes sidewalk replacement, pedestrian and biking safety classes, door to door encouragement program, additional police patrols, and crosswalk enforcement.	\$550,000	\$500,000	\$17,907,547
45	Bothell	Bothell	1	Building Safe Connections - 104th Ave NE	The project includes flash beacons, pedestrian crossing flags, pedestrian lighting, bicycle and pedestrian safety events and materials, additional police patrols, and speed feedback signs.	\$82,000	\$74,000	\$17,981,547
46	Renton	Renton	11	Talbot Hill Elementary Pedestrian Improvements	The project includes sidewalk, curb ramps, planter strips, pedestrian lighting, flashing beacons, signage, pedestrian and bicycle safety events and materials, speed feedback signs, and additional police patrols.	\$470,000	\$425,000	\$18,406,547
47	Rainier	Rainier	2	Rainier 2010 Sidewalk Improvements	The project includes sidewalk, crosswalk markings, signage, bicycle and pedestrian safety events and materials, additional police patrols, and speed feedback signs.	\$343,000	\$338,000	\$18,744,547
48	Kent Police Department	Kent	47	Meridian Elementary Safe Routes to School Project	The project includes walkway with raised curb, signal, bicycle and pedestrian safety events and materials, parent and teacher education, additional police patrols, crosswalk enforcement, speed feedback signs.	\$390,900	\$388,900	\$19,133,447

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49	Federal Way	Federal Way	30	Sacajawea Middle and Federal Way High School-Safe Routes to School Program Federal Way	The project includes school zone signage, crosswalk markings, flashing beacons, walk and bike to school day events and materials, and crosswalk enforcement.	\$66,480	\$32,000	\$19,165,447
50	Longview	Longview	19	30th Avenue Between Pine St and Pennsylvania St.	The project includes flashing beacons, countdown pedestrian signal, curb ramps, curb extensions, audible warning, pedestrian and bicycle safety classes and materials, increased police patrols, and photo speed enforcement.	\$150,000	\$150,000	\$19,315,447
51	Cowlitz County	Cowlitz County	19	Columbia Heights Road Sidewalks	The project includes sidewalks, crosswalks, bicycle, pedestrian safety and health education classes, parent education, crossing guards, additional police patrols, and crosswalk enforcement.	\$205,000	\$205,000	\$19,520,447
52	Valley School District	Valley	7	A Step At A Time	The project includes sidewalk, curb ramp, shoulder, utility relocation, pavement markings, signage, walkway, lighting, walk and bike to school day events and materials, and additional police patrols.	\$85,447	\$85,447	\$19,605,894
53	Lynden	Lynden	42	Jim Kaemingk Sr. Trail Extension	The project includes shared use path, curb ramps, pedestrian and bicycle safety classes and materials, additional police patrols, and STARS (Sheriff's Teams of Active Residents in Service) Program.	\$810,000	\$680,000	\$20,285,894
54	College Place	College Place	16	College Place - 2010 Safe Routes to School Grant	The project includes sidewalk, curb ramps, pedestrian and bicycle safety classes, events and materials, additional police patrols, crosswalk enforcement, and speed feedback signs.	\$287,800	\$256,559	\$20,542,453

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55	Stevenson	Stevenson	15	Safe Routes to Stevenson-Carson Schools for the School Reconfiguration Project	The project includes sidewalk, curb ramps, maps, parent education, pedestrian and bicycle safety classes, events and materials, additional police patrols, speed feedback signs, and pedestrian sting crosswalk enforcement.	\$248,700	\$205,850	\$20,748,303
56	Pateros	Pateros	12	School Pedestrian Route Safety Project	The project includes sidewalks, curb ramps, retaining wall, stop signs, crosswalks, public education, pedestrian and bicycle safety classes, events and materials, speed feedback signs, and additional police patrols.	\$438,000	\$408,000	\$21,156,303
57	Tumwater	Tumwater	22	Peter G. Schmidt Sidewalk Infill and Education Program	The project includes sidewalk, bike lanes, Walk and Roll Program, crossing guards, and additional police patrols.	\$170,000	\$120,000	\$21,276,303
58	Bellevue	Bellevue	41	Newport Heights Complete Walk Route	The project includes sidewalk, shoulder, curb ramps, signage, pavement markings, PedBee Safe Education Program, and additional police patrols.	\$367,275	\$289,600	\$21,565,903
59	Edmonds	Edmonds	21	80th Avenue West/180th Street SW Walkway Project	The project includes sidewalk, curb ramps, crosswalks, bike racks, pedestrian and bicycle safety classes, events and materials, speed feedback signs, and additional police patrols.	\$780,000	\$780,000	\$22,345,903
60	Taholah School	Taholah	24	Taholah School Zone Enhancement Project	The project includes sidewalks, pavement markings, flashing beacons, signs, bike racks, pedestrian and bicycle safety classes, maps, student crossing guards, speed feedback signs, and additional police patrols.	\$152,360	\$141,600	\$22,487,503

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61	Montesano School district	Montesano	24	Montesano School District Safe Routes to School	The project includes sidewalk, flashing beacons, pedestrian lighting, pedestrian and bicycle safety classes, environment/clean air education, additional police patrols, speed feedback signs, crossing guards, and crosswalk enforcement.	\$798,224	\$794,724	\$23,282,227
62	Mossyrock	Mossyrock	18 &20	Mossyrock Road West Sidewalk Project	The project includes sidewalks, crosswalks, school zone signs, flashing beacons, curb ramps, pedestrian and bicycle safety classes and events, neighborhood watch program, speed feedback signs, and crossing guard.	\$385,000	\$365,000	\$23,647,227
63	Concrete	Concrete	39	Superior Avenue Sidewalk Improvements	The project includes sidewalk, retaining wall, curb ramps, bicycle and pedestrian safety classes, events and materials, crosswalk enforcement, speed feedback sign, and additional police patrols.	\$344,550	\$344,550	\$23,991,777
64	King County	King County	41	Eastgate Elementary Walk Path Improvement	The project includes sidewalks, pedestrian and bicycle safety events and materials, parent education, and crossing guards.	\$220,000	\$220,000	\$24,211,777
65	Camas School District	Camas	18	NW 18th Ave Safety Improvements	The project includes sidewalk, health and environmental education classes, and additional police patrols.	\$164,000	\$146,000	\$24,357,777
66	Ridgefield	Ridgefield	18	Union Ridge View Ridge Student Safety Improvement Project	The project includes sidewalk, curb ramps, crosswalk, pedestrian and bicycle safety classes and events, neighborhood watch program, crossing guards, additional police patrols, and speed feedback signs.	\$297,300	\$286,650	\$24,644,427
67	Rearden	Rearden	7	US-2 Sidewalk Extension Project (Aspen St. to Fern St.)	The project includes sidewalk, pedestrian and bicycle safety classes, events and materials, health education, maps, and additional police patrols.	\$200,650	\$200,650	\$24,845,077

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68	Kent Police Department	Kent	47	Meadow Ridge Safe Routes to School Project	The project includes walkway, flashing beacons, bicycle and pedestrian safety events and materials, parent/teacher education, additional police patrols, speed feedback signs, and enforcement equipment.	\$446,460	\$444,460	\$25,289,537
69	Snohomish County	Snohomish County	38	Walk Route Safety Improvements, Jefferson Elem	The project includes sidewalk, planter strips, walkway, pedestrian and bicycle safety classes, events and materials, parent education, maps, and crossing guards.	\$114,222	\$109,222	\$25,398,759
70	Newcastle	Newcastle	41	116th Ave SE Pedestrian Improvements - Safe Routes to Schools	The project includes sidewalk, planter strip, raised crosswalks, pavement markings, signage, curb ramps, pedestrian safety events and materials, and speed feedback signs.	\$560,000	\$510,000	\$25,908,759
71	Camas School District	Camas	18	NE 43rd Ave Safety Improvements	The project includes sidewalk, crosswalk, pedestrian and bicycle safety events, health and environmental education, and additional police patrols.	\$103,000	\$63,000	\$25,971,759
72	Eastmont School District	East Wenatchee	12	Cascade Elementary School Flashing Beacon Project	The project includes flashing beacons, pedestrian safety events, and additional police patrols.	\$22,415	\$20,965	\$25,992,724
73	Vancouver School District	Vancouver School District	49	Walnut Grove Elementary Walkway	The project includes sidewalk, pedestrian and bicycle safety education, and additional police patrols.	\$171,500	\$151,500	\$26,144,224
74	Yakima	Yakima	14	72nd Avenue and Mead Avenue Intersection Improvements	The project includes a signal, driver's education campaign, public service announcements, pedestrian and bicycle safety materials, additional police patrols, and crosswalk enforcement.	\$310,000	\$282,000	\$26,426,224

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75	Toledo	Toledo	20	5th Street Sidewalk Project	The project includes sidewalk, crosswalk markings, signage, retaining walls, landings, switchbacks, pedestrian and bicycle safety classes, events, and materials, additional police patrols, and a speed feedback sign.	\$143,000	\$138,000	\$26,564,224
76	Bothell	Bothell	1	Building Safe Connections - 92nd Ave NE	The project includes sidewalk, curb extensions, pavement markings, flashing beacons, crossing flags, pedestrian lighting, pedestrian and bicycle safety events and materials, additional police patrols, and speed feedback signs.	\$70,000	\$63,000	\$26,627,224
77	Lake Stevens	Lake Stevens	44	91st Avenue SE - Pedestrian and Bike Safety Improvement Project	The project includes sidewalk, curb ramps, planter strip, bike lanes, variable message signs, crosswalk markings, pedestrian lighting, bike racks, pedestrian and bicycle safety classes, events, and materials, drivers education, parent education, maps, additional police patrols, speed feedback signs, and crossing guards.	\$466,612	\$308,654	\$26,935,879
78	San Juan County	San Juan County	40	Mt Baker Road Safe Routes to School Pedestrian Improvements	The project includes sidewalk, crosswalk, signage, pedestrian lighting, pedestrian and bicycle safety classes, and speed feedback signs.	\$405,000	\$375,000	\$27,310,879
79	Curlew School District	Curlew	7	Curlew School Ferry County Trail Access	The project includes trail access ramp, pedestrian lighting, bicycle safety classes and materials, health education, and crosswalk enforcement.	\$67,000	\$60,000	\$27,370,879
80	Toledo	Toledo	20	Augustus Street Sidewalk Project	The project includes sidewalk, planter strip, crosswalk markings, signage, pedestrian and bicycle safety classes, events, and materials, additional police patrols, and a speed feedback sign.	\$180,000	\$175,000	\$27,545,879

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81	Yakima	Yakima	14	88th Avenue, Tieton Drive to Summitview Avenue	The project includes sidewalk, crosswalk, driver's education, public service announcements, educational materials, additional police patrols, and crosswalk enforcement.	\$573,000	\$523,000	\$28,068,879
82	Yakima	Yakima	14	Chestnut Avenue Sidewalk, 63rd Avenue to 58th Avenue	The project includes a signal, driver's education, public service announcements, pedestrian and bicycle safety materials, additional police patrols, and crosswalk enforcement.	\$280,000	\$255,000	\$28,323,879
83	Toledo	Toledo	20	SR 505 Sidewalk Project	The project includes sidewalk, crosswalk markings, signage, pedestrian and bicycle safety classes, events, and materials, additional police patrols, and a speed feedback sign.	\$440,000	\$430,000	\$28,753,879
84	Newport	Newport	7	Highway 2 Lighting and Pedestrian Path	The project includes walkway and sidewalk, continued pedestrian safety education, walking guides, and crossing guards.	\$473,000	\$473,000	\$29,226,879
85	Sequim	Sequim	24	North Third Avenue Sidewalks, Sequim, WA	The project includes sidewalks, curb extensions, crosswalks, paved parking, bicycle and pedestrian safety classes, and crossing guards.	\$429,412	\$409,412	\$29,636,291
86	Moses Lake	Moses Lake	13	Knolls Vista Elementary	The project includes shared use trail, public outreach materials, and additional police patrols.	\$300,000	\$200,000	\$29,836,291
87	Enumclaw	Enumclaw	31	Kibler Elementary Safe Routes to School Project	The project includes sidewalk, curb, curb ramps, crosswalk markings, school zone signs, additional police patrols, and speed feedback signs.	\$250,000	\$220,000	\$30,056,291

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88	Napavine	Napavine	20	Napavine 2nd Avenue Sidewalk Improvement Project - Phase II	The project includes sidewalks, crosswalks, pedestrian lighting, pedestrian and bicycle safety classes and events, and additional police patrols.	\$500,000	\$490,000	\$30,546,291
89	Tekoa School District	Tekoa	9	2010 Tekoa School District Sidewalk Project	The project includes sidewalk, pedestrian and bicycle safety classes, and crossing guards.	\$83,825	\$79,325	\$30,625,616
90	Napavine	Napavine	20	Napavine 4th Avenue Sidewalk Improvement Project	The project includes sidewalks, crosswalks, pedestrian lighting, pedestrian and bicycle safety classes and events, and additional police patrols.	\$430,000	\$420,000	\$31,045,616
91	Monroe	Monroe	39	W Main St Sidewalks	The project includes sidewalk, pedestrian and bicycle safety materials and events.	\$350,125	\$318,125	\$31,363,741
92	Kitsap County	Kitsap County	23	NE Fairgrounds Road/Central Valley Road Sidewalk Project	The project includes sidewalk, bike lanes, pedestrian safety events, and additional police patrols.	\$695,000	\$450,000	\$31,813,741
93	Monroe	Monroe	39	Academy Way Sidewalk	The project includes sidewalk, pedestrian and bicycle safety materials and events.	\$171,600	\$155,600	\$31,969,341
94	Morton	Morton	20	Morton Safe Routes to School	The project includes sidewalk, curb ramps, pedestrian lighting, crosswalk, pedestrian and bicycle safety events, speed feedback sign, and crossing guard equipment.	\$463,500	\$443,000	\$32,412,341
95	Brier	Brier	21	236th Street Sidewalk Improvements	The project includes sidewalk, pedestrian safety education, fitness club, and police patrols.	\$380,000	\$370,000	\$32,782,341

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96	Snohomish	Snohomish	44	13th Street Safe Walking Sidewalk Project	The project includes sidewalk, bike lanes, pedestrian and bicycle safety events, and speed feedback signs.	\$225,000	\$225,000	\$33,007,341
97	Waitsburg	Waitsburg	5	School route sidewalk improvements	The project includes sidewalks, and pedestrian safety field trips.	\$114,000	\$104,000	\$33,111,341
98	Mukilteo	Mukilteo	21	6 pedestrian activated crosswalk signals adjacent to the 4 schools located on Harbor Pointe Blvd.	The project includes 6 pedestrian activated crosswalk signals adjacent to the 4 schools located on Harbor Pointe Blvd.	\$300,000	\$270,000	\$33,381,341
99	Beach Elementary School	Lummi Island	42	Beach School (tribal school)	The project includes school zone flashing beacons.	\$22,000	\$22,000	\$33,403,341
100	East Wenatchee	East Wenatchee	12	Pedestrian Safety Project- 1st Street SE, South Jarvis Avenue to South Kentucky Avenue	The project includes sidewalk, on street parking, curb ramps, crosswalk markings, signs, bike racks, pedestrian and bicycle safety classes and events, additional police patrols, and speed feedback signs.	\$350,000	\$315,000	\$33,718,341
101	Port Townsend	Port Townsend	24	Sheridan Street Sidewalk and Crossing Improvements	The project includes sidewalk, planter strips, curb extensions, flashing beacons, maps, bicycle safety classes, events and materials, and speed feedback signs.	\$486,071	\$386,071	\$34,104,412

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102	Gig Harbor	Gig Harbor	7	Rosedale Street Pedestrian Improvements (Shirley Ave. to Skansie Ave.)	The project includes sidewalk, planter strips, bicycle lanes, road widening, road overlay, bicycle and pedestrian safety events and materials, increased police patrols, and speed feedback signs.	\$1,550,000	\$1,500,000	\$35,604,412
103	Lummi Nation Schools	Lummi Island	42	MacKenzie to Lummi School Trail (tribal school)	The project includes an unpaved shared use path, bicycle and pedestrian safety materials, and additional police patrols.	\$1,052,000	\$942,000	\$36,546,412
104	Sumner	Sumner	31	Sumner 2012 Safe Routes to School	The project includes sidewalk, curb ramps, crosswalks, bicycle and pedestrian safety materials, speed feedback signs, and additional police patrols.	\$489,600	\$439,600	\$36,986,012
105	La Conner	LaConner	10	Maple Ave Pedestrian/Bicycle Improvements (Swinomish Tribe)	The project includes sidewalk, curb ramps, bike lanes, shoulder widening, H-beam guardrail, design feasibility study for a cantilever deck structure on the bridge, staff training, healthy school lunch program, additional police patrols, and speed feedback signs.	\$838,300	\$806,300	\$37,792,312
106	Edgewood	Edgewood	25	24th Street East Joint Use Mobility Path	The project includes a shared use path, safety awareness program, signage, and additional police patrols.	\$480,305	\$480,305	\$38,272,617
107	Ferndale	Ferndale	42	Hendrickson Ave/Main Street Sidewalk Project	The project includes sidewalks, community safety education campaign and events, and additional police patrols.	\$800,000	\$140,000	\$38,412,617
108	Yakima County	Yakima	15	White Swan Safe Routes to School Project (Yakima Nation - Tribal)	The project includes road widening, sidewalk, and crosswalk.	\$463,295	\$403,295	\$38,815,912

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109	King County	Vashon Island	34	Vashon Island Safe Routes to School Improvement Project	The project includes walkway, bicycle storage shed, school speed zone signs, bicycle safety classes, events and materials, crossing guards, and additional police patrols.	\$790,000	\$780,000	\$39,595,912
110	Sultan	Sultan	39	Thermoplastic Crosswalks	The project includes crosswalk markings, and Safe Kids Walk this Way Program	\$36,300	\$36,300	\$39,632,212
111	Kennewick	Kennewick	8	Desert Hills Middle School Crosswalk Safety Improvements	The project includes pedestrian hybrid beacons (HAWK), advance stop bars, signage, pedestrian and bicycle safety events and materials, and vehicle speed feedback signs.	\$75,500	\$75,500	\$39,707,712
112	Kennewick	Kennewick	8	Park Middle School Crosswalk Safety Improvement	The project includes flashing beacons, advance stop bars, signage, pedestrian and bicycle safety events and materials, and speed feedback signs.	\$65,500	\$65,500	\$39,773,212
113	Chelan County	Mason	12	Totem Pole Road Sidewalk Project	The project includes road widening, sidewalk, biking and walking encouragement program, parent education, and media outreach.	\$3,613	\$3,613	\$39,776,825
114	Chelan County	Chelan County	12	Peters Street Widening (CRP 648)	The project includes road widening, biking and walking encouragement program, parent education, and media outreach.	\$1,083	\$1,033	\$39,777,858
115	Snoqualmie	Snoqualmie	5	Cascade View Crosswalk-Signage Improvements	The project includes crosswalk markings, signage, pedestrian safety events and materials, neighborhood speed watch program, and additional police patrols.	\$50,708	\$50,708	\$39,828,566

Final Priority	Agency	Location	Leg Dist	Title of Project	Project Description	Total Project Cost	Amount Requested	Cumulative Total
116	Cheney	Cheney	9	2011 Cheney Safe Routes to School Intersection Improvement Project	The project includes curb extensions, curb ramps, pavement markings, signs, pedestrian activated traffic signal, and speed feedback signs.	\$ -	\$53,800	\$39,882,366
117	Bainbridge Island	Bainbridge Island	23	Sportsman's Club Road Spine Trail	The project includes shoulders, walkway, walk route plan, and pedestrian, and bicycle safety classes.	\$347,000	\$347,000	\$40,229,366
118	Pomeroy School District	Pomeroy	9	Pomeroy Safe Walk/Bike Routes Project	The project includes sidewalk repairs, bike lane, bicycle and pedestrian safety classes, and a crossing guard.	\$240,000	\$225,000	\$40,454,366
119	SeaTac	SeaTac	9	South 164th Street Sidewalk Project	The project includes sidewalk and pedestrian and bicycle safety materials.	\$1,420,000	\$350,000	\$40,804,366
120	Nespelem School District	Nespelem	12	Safe Routes to School, School Loop Road	The project includes speed zone sign, pedestrian lighting, bicycle safety classes, and additional police patrols.	\$15,150	\$15,150	\$40,819,516
121	Republic	Republic	7	The Final Link	The project includes a walkway, crosswalk, pedestrian lighting, and drainage improvements.	\$345,000	\$273,000	\$41,092,516
122	Lacey	Lacy	22	College Street Traffic Calming Project	The project includes a roundabout, school speed zone signs, sidewalk, curb ramps, pedestrian lighting, pedestrian and bicycle safety classes, events and materials, additional police patrols, and a pace car program.	\$2,500,000	\$1,750,000	\$42,842,516
123	Spokane	Spokane	6	Eastern Route to Garry Middle School	The project includes school speed zone signs, flashing beacons, crosswalk markings, parent education, pedestrian and bicycle safety classes, events, and materials, maps, crossing guards, and additional police patrols.	\$109,960	\$100,460	\$42,942,976

Final Priority	Agency	Location	Leg Dist	Title of Project	Project Description	Total Project Cost	Amount Requested	Cumulative Total
124	Evergreen Public Schools	Clark County	17	Pacific Middle School Walkway	The project includes sidewalk, crosswalk, and pedestrian lighting, curb ramps, bicycle and pedestrian safety materials, and additional police patrols.	\$143,000	\$122,000	\$43,064,976

2011-13 Safe Routes to School Evaluation Criteria

All proposals will be reviewed to ensure that they are complete and eligible for funding. The [WSDOT Safe Routes to School Advisory Board](#) (drawn from sponsoring agencies, local officials, and advocacy groups) will evaluate the proposals and make recommendations. A site visit will be conducted by WSDOT staff prior to finalizing the list of priorities. A prioritized list of projects will be submitted to the Governor's office and the legislature by December 15, 2010, to select projects for funding. Announcements are expected by June 2011.

The following criteria will be used to evaluate the project proposals. The ranking criteria are expressed numerically, with 5 being the highest and 1 being the lowest.

(1) Engineering Improvements

How well the project has or will: reduce potential pedestrian and bicycle conflicts with motor vehicle traffic; reduce traffic volume around schools; and/or establish safer and fully accessible crossings, walkways, trails, or bikeways consistent with WSDOT Design Standards or the AASHTO "Guide for the Planning, Design, and Operation of Pedestrian Facilities" or "Guide for the Development of Bicycle Facilities"?

- 5 Pts = Substantial long term solution based on identified deficiencies.
- 3 Pts = Moderate improvements based on identified deficiencies.
- 1 Pt = Little or no improvement included in the project.

(2) Education and Encouragement Efforts

How well the project has or will teach about: bicycling, walking and/or driving safety skills, the health effects of walking and biking, the impact to the environment, the broad range of transportation choices, and provide events and activities utilized to promote walking and biking to school safely?

- 5 Pts = Substantial long term education and encouragement solutions such as policy changes or the adoption of curriculum that will continue after the project is complete.
- 3 Pts = Education and/or encouragement efforts in the vicinity of the project post construction period only.
- 1 Pt = Little or no education or encouragement included in the project.

(3) Enforcement Component

How well the project has or will address: traffic safety and help to increase the number of children walking and biking to school safely?

- 5 Pts = Substantial long term enforcement solutions based on identified deficiencies.
- 3 Pts = Enforcement efforts in the vicinity of the project post construction period only, based on identified deficiencies.
- 1 Pt = Little or no enforcement efforts included in the project.

(4) Implementation

Is there a strong partnership among local agencies that will facilitate completion of this project on time and on budget?

- 5 Pts = Clear, committed multi-agency partnerships.
- 3 Pts = Minimal multi-agency partnerships.
- 1 Pt = No established partnerships or partnerships to be established after receipt of grant.

(5) Need

Is there a high need or potential impact based on (1) pedestrian/bicycle collision history, (2) potential for VMT reduction (as determined by existing mode choice and the number of children that live within two miles of the target school(s)), and (3) the percentage of low-income children served by the school (as determined by the percentage of children receiving free or reduced cost meals).

- 5 Pts = All three categories of need are high.
- 3 Pts = At least two categories of need are high.
- 1 Pt = At least one category of need is high.