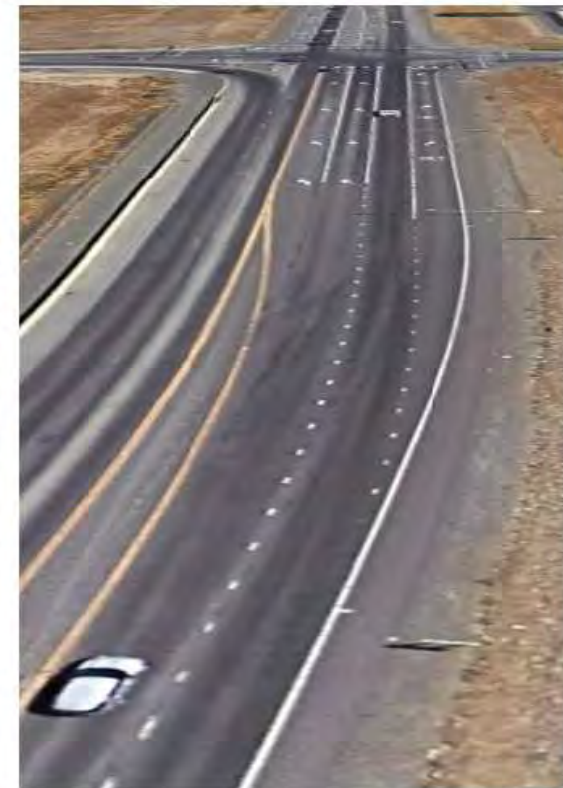


TRANSPORTATION OPERATIONS

2021-2023 PEDESTRIAN AND BICYCLIST EMERGENT ISSUES

FINAL REPORT



PROGRAM OVERVIEW

In the 2023 legislative session, a new proviso was added for Program Q. There is no data to report on for the 2021-2023 biennium. This report will list the projects that have been identified, and approved by OFM, for the 2023-2025 biennium.

This report fulfills the requirements in ESHB 1125, Section 217 (5):

\$5,000,000 of the multimodal transportation account—state appropriation is provided solely for the department to address emergent issues related to safety for pedestrians and bicyclists. Funds may only be spent after approval from the office of financial management. By December 15th of each odd-numbered year, the department shall provide a report to the legislature listing all emergent issues addressed in the prior fiscal biennium.

Proviso language from OFM:

Funding is provided to address emergent issues related to safety and Americans with Disabilities Act (ADA) accessibility for pedestrians and bicyclists.

2023-2025 PEDESTRIAN AND BICYCLIST EMERGENT ISSUES

REGION	PIN	PROGRAM ITEM DESCRIPTION	COST
NWR	QR4269	Accessible Pedestrian Signals	\$225,000
	QR4270	Flashing Yellow Arrows	\$300,000
NCR	QR4271	SR 171 RRFB Retrofit to Mastarms	\$300,000
OR	QR4272	Controller and/or Signal Upgrades	\$500,000
SWR	QR4273	SR 503 Pedestrian Signal, Prairie High School Vicinity	\$1,100,000
SCR	QR4274	SR 129 Asotin School Zone, Pedestrian Crossing	\$250,000
ER	QR4275	SR 27 Corridor (Pines Road) Pedestrian Bicycle Crossing Improvement	\$500,000
HQ	QR4276	Crosswalk Evaluations/Assessments	\$300,000
Unallotted		Unallotted until new projects are identified	\$1,525,000

NORTHWEST REGION

\$525,000

Accessible Pedestrian Signals

\$225,000

Simms #	SR	MP	Location
SIG 049	5	161.00	Swift Ave / Graham St NB On Ramp
SIG 075	5	177.76	SR104 SB Off Ramp
SIG 094	5	230.21	SR20 NB Ramps
SIG 502	20	59.31	Nevitt Rd
SIG 305	20	52.14	M Ave SR20Spur
SIG 407	20	51.64	17th St SR20Spur
SIG 227	169	11.44	Jct SR 516
SIG 230	202	0.31	NE 175th St
SIG 126	203	14.78	Stephens St
SIG 480	405	20.68	NE 128th St. / 116th Ave NE
SIG 221	405	24.48	NE 195th St / NB Ramps
SIG 222	405	24.49	NE 195th St / SB Ramps
SIG 015	516	11.26	Covington Way
SIG 332	516	11.37	164th Ave SE (SR 18 WB Ramps)
SIG 349	516	11.87	172nd Ave SE
SIG 271	516	12.10	SE Wax Rd
SIG 293	520	11.90	Leary Way NE / WB Ramps
SIG 497	522	7.80	77th Ct NE
SIG 307	522	7.99	80th Ave NE
SIG 500	522	10.59	Woodinville Dr

Accessible Pedestrian Signals (APS) provides audible and vibrotactile push button indication for people with hearing or vision loss so that they are afforded access to crosswalk signals. This provides ADA accessibility.

I-5 & I-90 Ramp Meter Enhancements

\$300,000

Simms #	SR	MP	Location
SIG 040	2	12.95	SE Fryelands Blvd
SIG 033	2	13.87	179th Ave SE
SIG 124	2	14.57	Kelsey St
SIG 036	2	15.22	Main St / Old Owen Rd
SIG 397	2	21.57	Old Owen Rd / Fern Bluff Rd
SIG 468	2	22.37	5th St / Mann Rd
SIG 473	2	23.14	Sultan Basin Rd
SIG 050	5	161.30	Swift Ave / S Albro Pl
SIG 409	5	208.67	SR530 / NB Ramps
SIG 410	5	208.67	SR530 / SB Ramps
SIG 099	9	14.03	Hewitt Ave E
SIG 028	20	57.52	Avon Allen Rd
SIG 506	20	58.70	Pulver Rd
SIG 438	20	59.75	Haggen Retail Access
SIG 026	20	60.11	Fairhaven Ave
SIG 025	20	60.27	Avon Ave
SIG 466	20	66.89	Fruitdale Rd
SIG 003	96	1.75	25th Ave SE
SIG 387	202	26.19	Snoqualmie Pkwy
SIG 240	202	30.32	S Fork Ave
SIG 241	203	23.92	Main St
SIG 316	525	5.99	92nd St SW
SIG 449	527	4.47	196th St SE
SIG 484	532	9.94	Old SR99 North
SIG 355	539	12.54	SR 546 / W Badger Rd

Flashing Yellow Arrows. A leading pedestrian interval (LPI) gives pedestrians the opportunity to enter the crosswalk at an intersection before vehicles are given a green indication. Pedestrians can better establish their presence in the crosswalk before vehicles have priority to turn right or left. Conversion of doghouse to Flashing Yellow Arrow signal displays will safely allow LPIs to be programmed.

LPIs provide the following benefits:

- Increased visibility of crossing pedestrians
- Reduced conflicts between pedestrians and vehicles
- Increased likelihood of motorists yielding to pedestrians

Enhanced safety for pedestrians who may be slower to start into the intersection.

NORTH CENTRAL REGION

\$300,000

SR171 RRFB Retrofit to Mastarms

\$300,000

Replace existing Rectangular Rapid Flashing Beacon (RRFB) with an overhead RRFB signal system at three locations along SR171 as shown in the table below. The current RRFB's are not functioning as intended because the signs located in the median refuge island are frequently knocked down by turning vehicles.

SR	MP	Location
171	0.36	Driggs Dr
171	0.83	Burress Ave
171	1.67	Western Ave.

OLYMPIC REGION

\$500,000

Controller and/or Signal Upgrades

\$500,000

Controller upgrades as necessary and installation of other signal equipment will allow for traffic signal operational changes to enhance pedestrian safety, accessibility, and mobility at key locations in Olympic Region. Selected off a prioritized list, enhancements including, but not limited to, accessible pedestrian signals (APS), leading pedestrian interval (LPI) phasing, and flashing yellow arrow (FYA) indications will reduce conflicts between modes, clarify right-of-way, and help to achieve ADA criteria.

A leading pedestrian interval (LPI) gives pedestrians the opportunity to enter the crosswalk at an intersection before vehicles are given a green indication. Pedestrians can better establish their presence in the crosswalk before vehicles have opportunity to turn right or left. Conversion to flashing yellow arrow signal displays will facilitate the programming of LPIs.

LPIs provide the following benefits:

- Increased visibility of crossing pedestrians
- Reduced conflicts between pedestrians and vehicles
- Increased likelihood of motorists yielding to pedestrians
- Enhanced safety for pedestrians who may be slower to start into the intersection.

APS provide audible and vibrotactile pushbutton indications for people with reduced hearing or sight, so they are afforded access to crosswalk signals. This provides ADA accessibility.

SOUTHWEST REGION

\$1,100,000

SR 503 Pedestrian Signal, Prairie High School Vicinity - Design & Construction

\$1,100,000

Prairie high school is on the west side of SR 503, a large residential area is on the east. It has been observed that many students will walk across the street (midblock) instead of walking north to the signal. Many efforts have been made to deter students from crossing, but without success. Within the last year a student was hit and injured crossing at this location. This proposal will provide a pedestrian signal at the location where students continue to cross.

SOUTH CENTRAL REGION

\$250,000

SR129 Asotin School Zone, Pedestrian Crossing

\$250,000

SR 129 passes through the City of Asotin with school district buildings on the south and recreation facilities on the north. This project will install sidewalk bulb-outs at multiple crossing locations to improve pedestrian safety and reduce crossing times. Parallel parking will be reduced to improve sight lines and new markings/signs will be installed to clearly delineate crossings.

EASTERN REGION

\$500,000

SR 27 Corridor (Pines Road) Pedestrian Bicycle Crossing Improvement

\$500,000

Along the SR 27 corridor install enhanced pedestrian/bicycle crossings with rapid flash rectangular beacons in the vicinities of Valleyway and Alki Streets. In addition, install a pedestrian hybrid beacon (HAWK) signal at the intersection of SR 27 and 24th Avenue.

HEADQUARTERS

\$300,000

Crosswalk Evaluations/Assessments

\$300,000

Assessments to identify marked, uncontrolled intersections for each region and evaluate for safety upgrades as needed. Approximately \$50,000 per region for the first fiscal year. This is monitored by Headquarters on a monthly basis.

UNALLOTTED

\$1,525,000

Unallotted until new projects are identified

\$1,525,000

The remainder of the \$5,000,000 is currently set as unallotted until further projects are identified and approved by OFM.

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Americans with Disabilities Act (ADA) Information: This material can be made available in an alternate format by emailing the Office of Equity and Civil Rights at wsdotada@wsdot.wa.gov or by calling toll free, 855-362-4ADA(4232). Persons who are deaf or hard of hearing may make a request by calling the Washington State Relay at 711.

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