

2016 Environmental Excellence Awards

Congratulations to all of the recipients of the 2016 WSDOT Environmental Awards

Director's Award

Public Outreach for the I-5 JBLM Vicinity Congestion Relief Project

Eastern Region Environmental, Olympic Region Environmental and Olympic Region Right of Way

Bill Elliot, Paul Dreisbach, Paul Lovgren, Jeff Sawyer, and Rebecca Smith

For innovative achievement in community inclusion

Environmental Excellence Award #1

Kelso Martin's Bluff - Otter Creek Restoration Project

WSDOT Rail, Freight and Ports Division and BNSF Railway

For implementing alternative mitigation to provide greater environmental benefit

Environmental Excellence Award #2

SR 525 Mukilteo Ferry Terminal - Tank Farm Pier Demolition and Dredging

Washington State Ferries Terminal Engineering Construction Office

For improved marine habitat using innovative methods

Environmental Efficiency Award

I-405 Renton to Bellevue - Stormwater Charrette

I-405 Project Team

For innovative stormwater treatment solutions through collaboration

2016

WSDOT Environmental Awards

Megan White, P.E.
Environmental Services Office Director
November 2, 2016

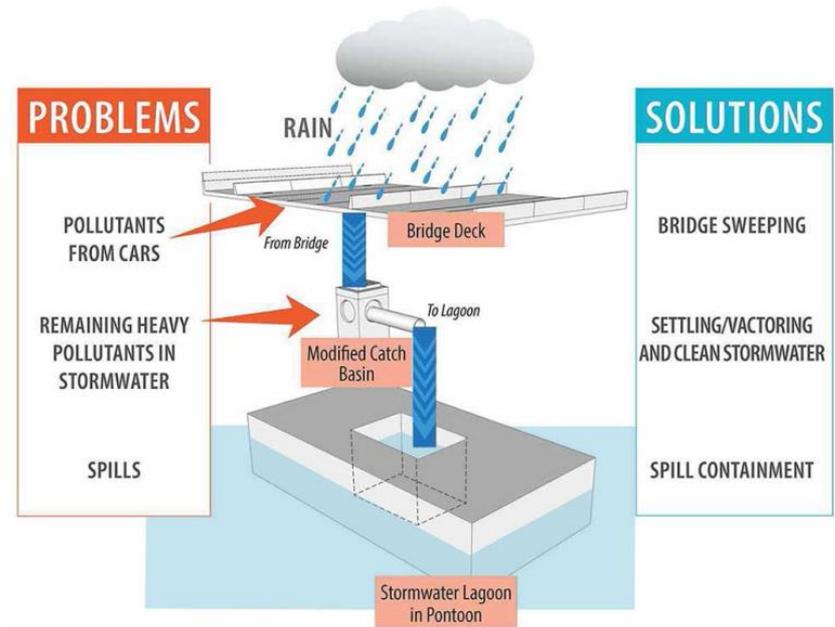
2016 WSDOT Environmental Awards

Purpose: To inspire and recognize outstanding achievement in environmental stewardship



SR 99 West Fork Hylebos Creek Fish Passage

STORMWATER TREATMENT PROCESS



Innovative stormwater treatment on the SR 520 Floating Bridge

2016 WSDOT Environmental Awards

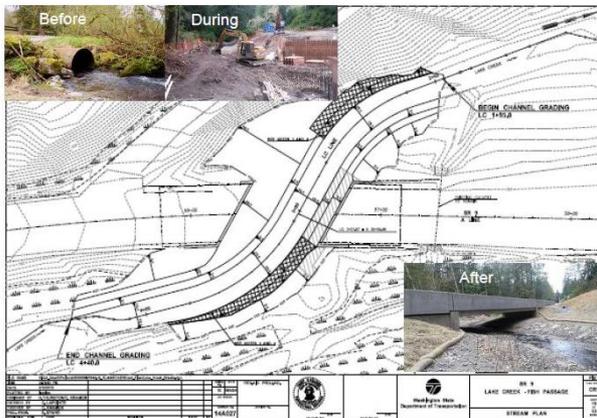
Award Categories

- Environmental Excellence
- Environmental Efficiency
- Director's Choice

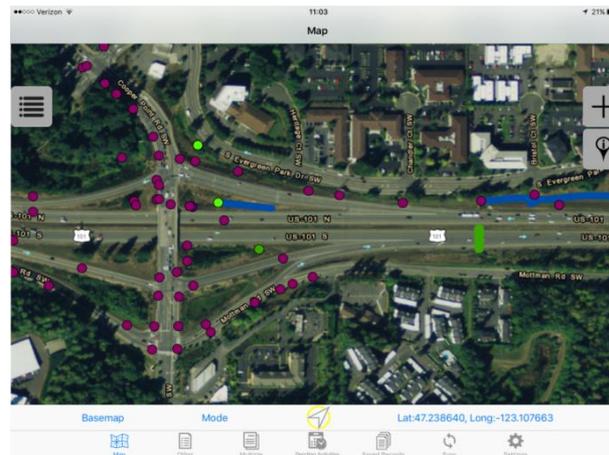


Beaver Dam mitigation

SR 9 Lake Creek WRIA 3



Hydraulic designs for fish barrier corrections



Highway Activity Tracking System (HATS)



Dugualla Bay Mitigation Site

2016 WSDOT Environmental Awards

Panel Interviews & Award Criteria



Oregon Spotted from egg masses at
Potter Road Mitigation Site



SR 92 Pilchuck River CED fish moving



I-90 Rocky Run before and after restoration

Excellence Award Nominees

SR 525 Mukilteo Ferry Terminal (Phase 1) Tank Farm Pier Demolition – *improved marine habitat using innovative methods*

Dugaulla Bay Mitigation Site – *salt marsh and wetland restoration totaling 23 acres*

I-90 Snoqualmie East Phase 1b Restoration – *innovative and successful restoration despite difficult conditions and creating habitat connectivity*

Kelso Martins Bluff – Otter Creek Restoration Project – *implemented alternative mitigation to provide greater environmental benefit*

SR 539 Potter Road Mitigation Site – *high performing mitigation site saving over \$200k in future costs*

SR 92 Pilchuck River CED – *rapid and cohesive team response to overcome challenges and avoid an emergency situation*

SR 99 West Fork Hylebos Creek Fish Passage – *outstanding example of collaboration and innovation during construction*

2016 Environmental Excellence Award

TWO Award Winners!

2016 Environmental Excellence Award

**WSDOT Rail, Freight
and Ports Division
and
BNSF Railway**

**Kelso Martin's Bluff
Otter Creek Restoration
Project**



New Otter Creek Channel

KMB - Otter Creek Restoration Project



Log pile and future channel spawning grounds



New Otter Creek Channel diverting a portion of the creek through the island



2016 Environmental Excellence Award

Washington State Ferries Terminal Engineering Construction Office

SR 525 Mukilteo Ferry Terminal -
Tank Farm Pier Demolition and
Dredging



Pier before demolition – showing collapse deck



Debris and sediment barge

SR 525 Mukilteo Ferry Terminal Tank Farm Pier Demolition & Dredging



Before



After

Efficiency Award Nominees

Beaver Dam Removal at Mitigation Sites – *allowed beavers to use mitigation site habitat without interfering with roadway*

Highway Activity Tracking Systems (HATS) – *innovative system that improves compliance*

Hydraulic Design for Fish Barrier Corrections – *programmatic process improvement to fish barrier design*

Innovative Stormwater Treatment on the SR 520 Floating Bridge – *use of an innovative AKART approach to develop stormwater treatment plan*

I-5 JBLM Vicinity Congestion Relief – *achievement in community inclusion*

SR 112 Field Creek Fish Barrier Removal – *grass roots Lean process protected stream habitat*

I-405 Renton to Bellevue Stormwater Charrette – *innovative stormwater treatment solutions through collaboration*

2016 Environmental Efficiency Award

I-405 Project Team

I-405 Renton to Bellevue
Stormwater Charrette



Active Stormwater Charrette

I-405 Stormwater Charrette



Criteria	Option 6A	Option 6B	Option #7	Option #8
	<ul style="list-style-type: none"> 3 vaults Discharges to existing locations 	<ul style="list-style-type: none"> 3 vaults South vault and subbasin 10 to I-405 regional pond 	<ul style="list-style-type: none"> No vaults Subbasin 10 and WSDOT impervious to I-405 regional pond 	<ul style="list-style-type: none"> No vaults Net export of treated impervious to I-90 WSDOT property
Meets WSDOT requirements	◐	◐	◐	◐
Meets City of Bellevue requirements	●	○	○	◐
Feasibility Constructability	○	○	●	◐
Environmental Considerations	◐	○	○	◐
Community/Environmental Benefits	○*	○	○	●
Acquisition Easements	●	◐	◐	●
Maintenance Considerations	◐	●	○	◐
Relative Cost* (Million)	\$3.0	\$3.0	\$0.5	\$1.5

LEGEND



Stormwater evaluation matrix

Director's Award Nominees

Nancy Adams, Industrial Permit /SWPPP – *ensuring WSDOT is in compliance with State and Federal stormwater regulation at WSF's Eagle Harbor facility*

Bellevue Maintenance Crews, Seattle Jungle Cleanup – *maintaining a safe and healthy environment under dangerous circumstances*

Environmental Excellence Nominees

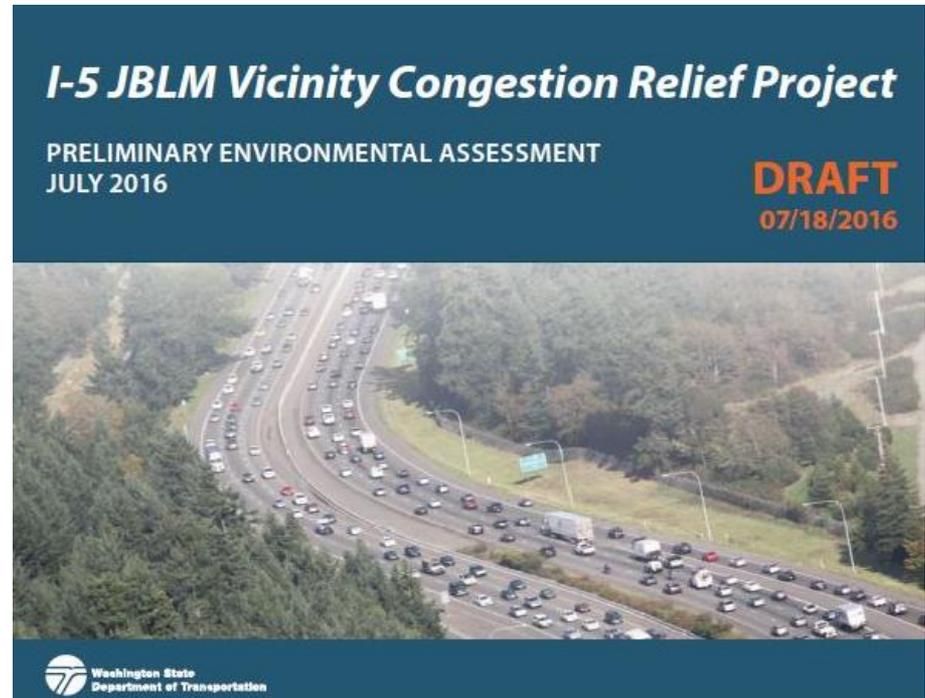
Environmental Efficiency Nominees

Other agency wide efforts

2016 Environmental Director's Award

I-5 JBLM Vicinity Congestion Relief Project Public Outreach

Bill Elliot,
Paul Dreisbach,
Paul Lovgren,
Jeff Sawyer,
and
Rebecca Smith



JBLM Public Outreach

I-5, JBLM Vicinity Congestion Relief

Community Engagement

2014	2015	2016
------	------	------

- ◆ Public Open House
- ◆ Lakewood United



- ◆ NEPA Public Scoping & Open House McGavick Center

- ◆ Lakewood Chamber Military Affairs Comm.

- ◆ Tillicum/Woodbrook Community meeting

- ◆ Clover Park School District

- ◆ Tacoma Country & Golf Club Membership meeting

- ◆ Tacoma Wheelman Bike Club

- ◆ Tacoma Bike/ped. TAC

- ◆ Coalition for Active Transportation

- ◆ Tillicum Resident Outreach



- ◆ Tillicum/Woodbrook Community Update

- ◆ DuPont Community meeting

- ◆ NEPA Public Hearing



Thank you!



I-90 Gold Creek bridges after restoration