

AMERICAN ASSOCIATION
OF STATE HIGHWAY AND
TRANSPORTATION OFFICIALS

AASHTO

Transportation Vanguard Award Nomination Form

2018

INFORMATION ON NOMINEE:

Last Name: Rydholtm	First Name: Tim	Date: August 8, 2018	
Email: rydholt@wsdot.wa.gov		Position Title: Priority Programming Manager	
Department: Washington State Department of Transportation		Phone: (360)705-7274	
Street Address: 310 Maple Park Ave SE	City: Olympia	State: WA	Zipcode: 98504-7325
AASHTO Committee Membership (optional) Click here to enter text.			

NOMINATOR INFORMATION:

Last Name: Alexander	First Name: Jay	Date: July 30, 2018	
Email: AlexanJa@wsdot.wa.gov		Position Title: Director, Capital Program Development and Management Division	
Department: Washington State Department of Transportation		Phone: (360)705-7121	
Street Address: 310 Maple Park Avenue SE	City: Olympia	State: WA	Zipcode: 98504-7325
Endorsement of Member Department Secretary/Director: Roger M. Millar, PE, AICP Secretary of Transportation, Washington State Department of Transportation			

INSTRUCTIONS:

Using a maximum of 2 additional single-sided pages, please provide reasoning as to why this individual should be selected as the Transportation Vanguard Award recipient. Please include as much specific information about the candidate as possible, including special projects, personal attributes, dedication, etc.

Send nominations by **Friday August 17, 2018**, via e-mail to pngethe@ashto.org. Nominations must be submitted as a single file in MS Word format using **TVA2018_Nomination_Nominee_Name.doc** as the file name.

2018 AASHTO Transportation Vanguard Award - Nomination form for Tim Rydholm

Tim Rydholm is the Washington State Department of Transportation's (WSDOT) Priority Programming Manager. The Priority Programming Manager is a senior-level position responsible for project prioritization, scoping, programming, and the scope delivery of the statewide WSDOT Capital Program.

This position has been referred to as the "Gatekeeper for the Highway Construction Program." In this position, Tim is responsible for managing and coordinating the statewide prioritization process used by the department to transition highway projects from the planning level proposals through the scoping and project summary phases of project development. Additionally, his position develops statewide best practices and policies for programming projects within funded levels available to the program and for potential funds that may become available to the program.

The policies and practices associated with prioritization and programming are critical to the effective use of resources available for WSDOT's program and project delivery, and directly support the agency's Practical Solution approach to managing its assets.

In subscribing to a Practical Solutions approach to managing assets, WSDOT uses performance-based, data-driven decision-making and early community involvement to guide the development and delivery of transportation investments. The department has a long history of using transportation investment strategies that maintain and preserve highway assets on a systematic basis. Tim's responsibility in this process is to make sure that the right project is programmed and constructed at the right time.

Tim works with Subject Matter Experts on developing and assessing the effectiveness of the investment strategies that are used when prioritizing and programming the highway projects that preserve the state's highway system.

He is responsible for guiding the development of the agency's ten-year Project Delivery Plan. This Plan is a recent innovation that allows WSDOT to better coordinate and plan with local jurisdictions. These jurisdictions requested that the department develop a long-term Project Delivery Plan in recognition of the significant amount of capital construction underway in Washington State.

The Plan assists the department in coordinating its projects with cities, counties, and major transit providers to avoid re-occurring construction within a corridor. Moreover, the Plan allows WSDOT to perform advanced asset management analysis such as cross-asset efficiencies or construction fatigue. It prioritizes where project funds will be spent first. Tim's prioritization positions WSDOT to use any extra savings or new revenue on projects that are ready to be built. By developing the Plan, WSDOT has been able to accept over \$140 million in redistributed federal funds over the past five years.

As the individual responsible for asset management and prioritization functions of the highway construction program, Tim coordinates across the agency with other asset managers responsible for the asset management plans for Ferries, other modes, and Facilities/Information Technology/Human Resources.

He is the department's expert in the following asset management/prioritization principles: needs analysis, cost benefit analysis, life cycle cost analysis, and modal and asset investment trade-off analysis. Over the past year, Tim has led the development of a cross-asset resource allocation model that prioritizes investments within asset classes and improves performance by making trade-off decisions. This model was used for the first time to influence the development of the department's 2018 Project Delivery Plan and agency budget request to the Legislature.

WSDOT owns 246 bridges that are 80 years or older. Replacing these bridges as they near 100 years of age would cost nearly \$2.6 billion over the next 20 years. In response, Tim led the development of WSDOT's Strategic Preservation Program that identifies planned work designed to extend the service life

of a bridge's structural component by three to ten years, or more. Initially, \$6 million in funding was provided to start the program. As the program matures and bridge asset management matures, Tim and his team will evaluate the effectiveness of the program and adjust the funding accordingly.

From 2012 through 2014, 1,336 people lost their lives in motor vehicle crashes in Washington State. The state has found that this level of fatalities is unacceptable and has adopted Target Zero — a goal to reduce traffic fatalities and serious injuries on Washington's roadways to zero by the year 2030.

Target Zero is a data-driven strategic plan used to identify priorities and solutions. In his position, Tim is responsible for coordinating with other transportation safety experts in the department to develop the strategies that identify safety needs. These safety needs are then prioritized and programmed by Tim and his team. Recently, Tim was a major contributor to recent changes in the safety investment strategies to achieve the goals of Target Zero.

At the request of the state's largest metropolitan planning organization, WSDOT developed the first State Facilities Action Plan. Included in the action plan was an identification of the preservation needs for the Interstate 5 corridor (I-5) through the most populated counties in western Washington. Tim was responsible for identifying the preservation needs in the corridor through 2040. He recognized the value that this provided the metropolitan planning organization, and now is preparing similar action plans for the 16 other metropolitan and regional planning organizations within the state.

In one of Tim's previous positions, he was the lead developer for the agency's web-based asset management system called the "Washington State Pavement Management System" (WSPMS). WSPMS offers an organized methodology that WSDOT decision-makers use to determine optimum strategies for providing and maintaining pavements in a serviceable condition over a given period. It also helps improve decision-making efficiency, provide feedback on the consequences of decisions, and ensure the consistency of decisions made at different management levels within WSDOT.

On a personal note, Tim's actions show he believes that lasting change occurs at the local level. As a member and volunteer for locally focused organizations, Tim is a strong advocate of improving and supporting strong families and communities. As a volunteer for the Parent Teacher Association at Roosevelt Elementary School, Tim was responsible for administering the association's website. As Treasurer for the Eastside Cooperative Preschool, Tim was responsible for accepting student fees, processing invoices, and reporting on financial conditions. He has served on the board of the Northeast Neighborhood Association (NNA) whose goal it is to create a safe and diverse community in Olympia. As a board member, Tim contributed to the NNA's sub-area plan used in developing the City of Olympia's Comprehensive Plan.

Tim is the father of three children. He enjoys spending time with his family, playing sports, and most recently has taken up hot yoga. As a sports lover, he participates in a number of sports including basketball and running. As a coach, Tim has chosen to work with young athletes. He enjoys the responsibility of guiding young athletes through the trials and tribulations of learning two beautiful games: sports and life. He understands that as a coach, he is in a position to change their lives forever, not only by making them better athletes, but better people. And he does it all with a sense of humor.