



2021–2023 GREEN TRANSPORTATION CAPITAL GRANT PROGRAM PRIORITIZED PROJECT LIST

Public Transportation Division

December 2020

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ABOUT THE GREEN TRANSPORTATION CAPITAL GRANT PROGRAM

The Washington State Department of Transportation (WSDOT) is pleased to present its prioritized project list for the Green Transportation Capital Grant Program to the Washington State Legislature.

The purpose of the grant program is to aid any transit authority in funding cost-effective capital projects to reduce the carbon intensity of the Washington transportation system ([RCW 47.66.120](#)). The Legislature funded the program in [Engrossed Second Substitute House Bill \(E2SHB 2042\)](#), Section 18 (1)(a) during the 2019 session.

Projects funded through the grant program will help to reduce harmful air pollution from exhaust emissions in Washington, including greenhouse gas emissions. The grant program helps to speed the transition away from fossil fuels and towards a clean energy economy. The grant program's support for clean alternative fuel infrastructure can also help to increase adoption of green transportation by citizens across the state.

SELECTION PROCESS

WSDOT used the Zero Emissions Advisory Committee to develop the parameters for the Green Transportation Capital Grant Program's competitive award process. Additionally, members of the committee representing the Department of Ecology, Department of Commerce, Utilities and Transportation Commission, and two transit agencies scored and ranked applications to the grant program. Expertise from Washington State University, Energy Program and WSDOT staff complemented the Advisory Committee evaluation scores. WSDOT based its recommended grant awards on the results of this scoring and ranking.

Applications for the available grant program funding totaled nearly \$19.2 million from transit agencies across the state. Of the nine applications WSDOT received during the competitive award process, WSDOT recommends seven for funding, committing \$11.3 million in grant program funds to projects throughout the state. WSDOT looks forward to working with these grantees to help the state meet its goal of a clean transportation future.

The tables on the following pages include a prioritized project list (table 1) and projects proposed for contingency funding (table 2).

PROGRAM ADMINISTRATION

WSDOT submitted the estimated costs for the minimum level of resources required for administration of the Green Transportation Capital Grant Program through the fiscal note for E2SHB 2042. These estimates totaled \$276,000 for fiscal year 2021 and \$254,000 for fiscal year 2022 for a total of \$530,000 per biennia (4.4 percent of the overall \$12,000,000 budget amount) for two full-time employees at the Transportation Planning Specialist 4 level and standard staffing costs. This estimate did not include indirect costs, which WSDOT will cover.

Specific staff activities associated with grant and project support include designing, developing, and vetting grant solicitation criteria; administering the solicitation; managing the scoring of applications; refining and finalizing scopes of work; executing contracts; providing engineering support and field inspections of construction projects; providing appropriate oversight, technical support, and fiscal and procurement assistance to ensure compliance and project success.

TABLE 1: PRIORITIZED PROJECT LIST

Project identification number	Applicant	Project title	Legislative district	Project description	Recommended award
GT212301	Spokane Transit	Monroe-Regal Line electric bus	3, 6	Replace two older fossil-fuel buses with two new battery-electric buses to be deployed on the Monroe-Regal Line.	\$ 900,000
GT212302	King County Metro	Diesel bus replacement	11, 30, 31, 33, 34, 36, 37, 41, 43, 45, 46, 47, 48	Retire and replace five, 60-foot diesel-electric-hybrid buses with five, 40-foot battery electric buses.	\$ 3,600,000
GT212303	Pierce Transit	Commerce Street electric bus opportunity charging infrastructure and upgrades	27	Install opportunity charging at the Pierce Transit Commerce Transit Station to increase the service range of the agency's expanding electric bus fleet. A new transformer and two overhead electric chargers will be installed in partnership with Tacoma Public Utilities.	\$ 585,200
GT212304	Link Transit	Procurement of two 35-foot, battery-electric buses	12	Replace two older diesel buses with two new battery-electric buses.	\$ 1,359,056
GT212305	Twin Transit	Southwest Washington Corridor e-transit station	20	Construction of an e-transit station at the intersection of Exit 63 and SR-505. Includes an induction charger, bicycle and pedestrian improvements, and spaces for electric car charging.	\$ 2,109,586
GT212306	Kitsap Transit	Powering Kitsap Transit Toward Zero Emissions - Phase 2	23, 26	Purchase one battery-electric bus, four additional chargers, warranties, and cloud services.	\$ 1,481,000
GT212307	Everett Transit	Induction charging infrastructure	38, 21	Install induction-charging infrastructure at the College Station and Everett Station to support electric buses in the city of Everett.	\$ 1,280,000
Total					\$ 11,314,842

TABLE 2: PROJECTS PROPOSED FOR CONTINGENCY FUNDING

Project identification number	Applicant	Project title	Legislative district	Project description	Unfunded requested amount
GT212308	Whatcom Transit	Purchase two battery electric buses and two electric chargers (unfunded)	42	Replace two older diesel buses with two electric buses, and purchase and install two electric chargers.	\$ 2,084,856
GT212309	King County Metro	Route 48 electrification (unfunded)	37, 43, 46	Electrify two, 1-mile segments of King County Metro's Route 48 to enable the use of 100-percent-electric trolley buses in place of hybrid-electric diesel buses.	\$ 3,000,000
Total					\$ 5,084,856

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