



## RESOLUTION NO. U-11262

1 A RESOLUTION authorizing Tacoma Rail to accept funding awarded by the  
2 Washington State Department of Transportation (WSDOT) to install new  
grade crossing signalization equipment at multiple locations.

3 WHEREAS the City of Tacoma, Department of Public Utilities, Beltline  
4 Division (d.b.a. "Tacoma Rail"), requests approval to accept funding awarded by  
5 the Washington State Department of Transportation (WSDOT) to install new  
6 grade crossing signalization equipment at multiple locations, and  
7

8 WHEREAS Tacoma Rail submitted two applications for financial  
9 assistance to install active signalization equipment at three passive highway-  
10 railroad crossings, and WSDOT Local Programs Division has notified Tacoma  
11 Rail that \$1,315,000, was awarded with the requirement that Tacoma Rail  
12 contribute \$185,000, towards the completion of the projects, and  
13

14 WHEREAS the project locations are identified as Lincoln Avenue,  
15 USDOT No. 932-777T, and two grade crossings on Port of Tacoma Road, near  
16 Lincoln Avenue, numbered USDOT 852-637U and USDOT 852-638B, and  
17

18 WHEREAS grant funding for Lincoln Avenue is \$745,000, with a  
19 matching funds requirement of \$105,000, and the grant funding for the two  
20 crossings on Port of Tacoma Road is \$570,000, with a matching funds  
21 requirement of \$80,000, and  
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23 WHEREAS the projects are intended to enhance safety by installing  
24 grade crossing signal system(s) to include flashing LED lights to alert motorists  
25 when railroad equipment is occupying the highway-railroad grade crossing, and  
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WHEREAS matching funds are budgeted in Tacoma Rails 2021/22 Capital Outlay Budget, and should completion of the project(s) extend beyond 2022, a new budget assumption will be proposed in the following biennium cycle, and

WHEREAS it is in the best public interest to accept grant funding; Now, therefore,

BE IT RESOLVED BY THE PUBLIC UTILITY BOARD OF THE CITY OF TACOMA:

That the grant funding from the Washington State Department of Transportation, that provides for the acceptance of funds in the amount of \$1,315,000, and requires Tacoma Rail's contribution in matching funds in the amount of \$185,000, to install new grade crossing signalization equipment at multiple locations in Tacoma, is accepted and hereby approved, the City Council is requested to approve and authorize grant funding, and the proper officers are authorized to execute said grant funding acceptance substantially in a form as on file with the Clerk and as approved by the City Attorney.

Approved as to form:

_____	_____
<i>/s/</i>	Chair
_____	_____
Chief Deputy City Attorney	Secretary
_____	_____
Clerk	Adopted



## Board Action Memorandum

**TO:** Jackie Flowers, Director of Utilities  
**COPY:** Charleen Jacobs, Director and Board Offices  
**FROM:** **Dale W. King, Superintendent Tacoma Rail**  
**MEETING DATE:** Requested Board Meeting Date, June 30, 2021  
**DATE:** June 18, 2021

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### **STRATEGIC DIRECTIVE ALIGNMENT (select as many that apply):**

Please indicate which of the Public Utility Board's Strategic Directives is supported by this action.

- |  |   |
|--|---|
| <input type="checkbox"/> SD1 – Equity & Inclusion                  | <input type="checkbox"/> SD8 – Telecom                            |
| <input checked="" type="checkbox"/> SD2 – Financial Sustainability | <input type="checkbox"/> SD9 – Economic Development               |
| <input type="checkbox"/> SD3 – Rates                               | <input type="checkbox"/> SD10 – Government Relations              |
| <input type="checkbox"/> SD4 – Stakeholder Engagement              | <input type="checkbox"/> SD11 – Decarbonization/Electric Vehicles |
| <input type="checkbox"/> SD5 – Environmental Leadership            | <input type="checkbox"/> SD12 – Employee Relations                |
| <input type="checkbox"/> SD6 – Innovation                          | <input type="checkbox"/> SD13 – Customer Service                  |
| <input checked="" type="checkbox"/> SD7 – Reliability & Resiliency | <input type="checkbox"/> SD14 – Resource Planning                 |

**SUMMARY:** Tacoma Rail requests authorization to accept grant funding awarded by the Washington State Department of Transportation to install new grade crossing signalization equipment at multiple locations.

**BACKGROUND:** Subsequent to submitting two applications for financial assistance to install active signalization equipment at three (3) passive highway-railroad grade crossings, WSDOT Local Programs Division notified Tacoma Rail that a total of \$1,315,000.00 was awarded, and requires Tacoma Rail to contribute \$185,000.00 toward completion of the projects. Letters of support for the project locations were provided by the Tacoma Public Works Department and the Port of Tacoma.

The project locations are identified as Lincoln Avenue, USDOT No. 932-777T, and two grade crossings on Port of Tacoma Road, near Lincoln Avenue, numbered USDOT 852-637U and USDOT 852-638B. Grant funding for Lincoln Avenue is \$745,000 with a matching funds requirement of \$105,000. Grant funding for the two crossings on Port of Tacoma Road is \$570,000 with a matching funds requirement of \$80,000.

WSDOT Local Programs staff has advised Tacoma Rail that consistent with their internal protocols, the two notification letters dated May 4, 2021, constitute the entirety of the funding agreement with the Agency.

The projects to install grade crossing signal system(s) to include flashing LED lights to alert motorists when railroad equipment is occupying the highway-railroad grade crossing, is intended to enhance safety.



## Board Action Memorandum

**ARE THE EXPENDITURES AND REVENUES PLANNED AND BUDGETED? Yes**

**IF THE EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW IT IS TO BE COVERED.**

Matching funds are budgeted in Rail's 2021-22 Capital Outlay Budget. Should completion of the project(s) extend beyond 2022, new budget assumptions will be proposed in the following biennial cycle.

**IF THE ACTION REQUESTED IS APPROVAL OF A CONTRACT, INCLUDE LANGUAGE IN RESOLUTION AUTHORIZING \$200,000 INCREASE IN ADMINISTRATIVE AUTHORITY TO DIRECTOR? No**

**ATTACHMENTS:** List any attachments. WSDOT Notification Lincoln Avenue Signalization and WSDOT Notification Port of Tacoma Rd Signalization.

**CONTACT:**

Primary Contact: Kyle Kellem, Roadmaster, (253) 377-3554

Supervisor's Name: Alan Matheson, Assistant Superintendent, (253) 502-8934.



**TO:** Elizabeth Pauli, Tacoma City Manager  
**FROM:** Kyle Kelleem, Roadmaster, Tacoma Rail  
Dale W. King, Superintendent, Tacoma Rail  
**COPY:** City Council and City Clerk  
**SUBJECT:** Resolution, Grant Authorization  
**DATE:** June 24, 2021 / Council July 13, 2021

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**SUMMARY AND PURPOSE:**

Subsequent to the Tacoma Public Utility Board’s approval, Tacoma Rail now requests City Council authorization to accept grant funding awarded by the Washington State Department of Transportation to install new grade crossing signalization equipment at multiple locations.

**BACKGROUND:**

**This Department’s Recommendation is Based On:** TPU-Rail’s Submittal of two applications for financial assistance to install active signalization equipment at three (3) passive highway-railroad grade crossings, WSDOT Local Programs Division notified Tacoma Rail that a total of \$1,315,000.00 was awarded, and requires Tacoma Rail to contribute \$185,000.00 toward completion of the projects. Letters of support for the project locations were provided by the Tacoma Public Works Department and the Port of Tacoma.

The project locations are identified as Lincoln Avenue, USDOT No. 932-777T, and two grade crossings on Port of Tacoma Road, near Lincoln Avenue, numbered USDOT 852-637U and USDOT 852-638B. Grant funding for Lincoln Avenue is \$745,000 with a matching funds requirement of \$105,000. Grant funding for the two crossings on Port of Tacoma Road is \$570,000 with a matching funds requirement of \$80,000.

**COMMUNITY ENGAGEMENT/ CUSTOMER RESEARCH:**

The projects to install grade crossing signal system(s) to include flashing LED lights is intended to alert motorists when railroad equipment is occupying the highway-railroad grade crossing and enhance safety for motorists and Tacoma Rail switching staff.

**2025 STRATEGIC PRIORITIES:**

**Equity and Accessibility: (Mandatory)**

Please state how this legislation will reduce racial and other inequities, disparities, or discrimination to under-represented communities. Please state what positive impacts on equity, equality, diversity or inclusion, if any, would result from enacting this legislation.

Identify which Tacoma 2025 strategic goals your legislation most relates to, and then identify the [Equity Index Score](#) for those goals in the geography your proposal will affect. Select the indicator(s) this legislation is most related to, then briefly explain how this legislation will impact the selected indicator(s) and/or improve the Equity Index Score. *Use the dropdowns below and refer to guide for more information.*



**Economy/Workforce:** *Equity Index Score:* Moderate Opportunity

Increase the number of infrastructure projects and improvements that support existing and new business developments.

Choose an item.

**Livability:** *Equity Index Score:* Moderate Opportunity

Increase positive public perception of safety and overall quality of life.

**Explain how your legislation will affect the selected indicator(s).**

The projects to install grade crossing signal system(s) to include flashing LED lights to alert motorists when railroad equipment is occupying the highway-railroad grade crossing, is intended to enhance safety.

**ALTERNATIVES:**

Presumably, your recommendation is not the only potential course of action; please discuss other alternatives or actions that City Council or staff could take. Please use table below.

Alternative(s)	Positive Impact(s)	Negative Impact(s)
1. Reject the grant funding opportunity, and abandon the project/	None associated with this alternative.	Missed opportunity to enhance safety.
2. Proceed with projects without benefit of grant funding assistance.	None associated with this alternative.	Potentially delays other Capital Outlay projects which are currently planned
3.		

**EVALUATION AND FOLLOW UP:**

Timely progression of project milestones is anticipated given that TPU-Rail staff has partnered with Public Works engineering staff to complete these projects.

**STAFF/SPONSOR RECOMMENDATION:**

Tacoma Rail recommends that City Council authorizes the acceptance of the grant funding associated with these safety improvement projects.



**FISCAL IMPACT:**

Please provide a short summary of the fiscal impacts associated with the grant, agreement, policy action, or other action.

Fund Number & Name	COST OBJECT (CC/WBS/ORDER)	Cost Element	Total Amount
1. FUND-4500, TPU Rail	Internal Order 80025068		\$1,315,000.00
2.			
	TOTAL		\$1,315,000.00

**What Funding is being used to support the expense?**

PROJECT IS BUDGETED IN TPU-RAIL'S 2021/22 CAPITAL OUTLAY PROJECTS.

**Are the expenditures and revenues planned and budgeted in this biennium's current budget?**

YES

Click or tap here to enter text.

**Are there financial costs or other impacts of not implementing the legislation?**

YES

**Will the legislation have an ongoing/recurring fiscal impact?**

YES

TPU-RAIL WILL BE RESPONSIBLE FOR INSPECTING AND MAINTAINING THE GRADE CROSSING SIGNAL SYSTEMS POST INSTALLATION.

**Will the legislation change the City's FTE/personnel counts?**

No

Click or tap here to enter text.

**ATTACHMENTS:**

- TPU Board Resolution U-11262



Washington State  
Department of Transportation

Transportation Building  
310 Maple Park Avenue S.E.  
P.O. Box 47300  
Olympia, WA 98504-7300  
360-706-7000  
TTY: 1-800-633-6388  
www.wsdot.wa.gov

May 4, 2021

Mr. Alan Matheson  
Tacoma Rail  
Deputy Superintendent  
2601 North Frontage Road  
Tacoma, Washington 98421

**Port of Tacoma Rd Signalization Installation  
FFY 2020 Railway/Highway Crossing Program  
Federal Funding**

Dear Mr. Matheson:

WSDOT is pleased to advise you that the above-mentioned projects were selected to receive funding through the FFY 2020 Railway/Highway Crossing Program. The federal funding is limited to the amount shown below:

**Port of Tacoma Rd Signalization Installation**

**\$570,000**

**Scope:** See attached Project Summary

*NOTE: This project requires a 10 percent local match. The local match requirement for construction is waived if construction is authorized by April 30, 2022.*

In order to meet state and federal requirements, the following are required:

- Project expenditures incurred before receiving notice from Local Programs of federal fund authorization are not eligible for reimbursement.
- Please refer to the Local Programs webpage for detailed information, including:  
(<http://www.wsdot.wa.gov/localprograms/>)
  - ✓ Local Agency Guidelines (LAG) manual for the requirements regarding programming, authorization, reimbursement, etc.;
  - ✓ Projects utilizing federal funds must be included in your current Transportation Improvement Program (TIP) as a complete programmed project. Once your TIP amendment is approved, WSDOT will amend the Statewide Transportation Improvement Program (STIP);
  - ✓ Funding and billing forms;
  - ✓ Quarterly Project Reporting is required to be completed by the end of March, June, September, and December each year. To access the database you will need an account name and password. Your account name is **Tacoma Rail** and your password is [REDACTED]. The password is case sensitive.



Alan Matheson  
Tacoma Rail  
Deputy Superintendent  
Port of Tacoma Rd Signalization Installation and  
May 4, 2021

As a reminder, Local Programs requires all agencies to submit monthly progress billings to ensure timely reimbursement of eligible federal expenditures.

For assistance please contact Bryan Dias, your Region Local Programs Engineer, at 360.357.2631.

Sincerely,

*Stephanie Tax*

Stephanie Tax  
Interim Director  
Local Programs

attachment

ST:sas

cc: Kelly McGourty, Transportation Director, PSRC  
Kurtis Kingsolver, Public Works Director, Tacoma  
Bryan Dias, Olympic Region Local Programs Engineer, MS 47440

## Project Summary

Program: 2020 Railway-Highway Crossings (Section 130) Program

Date: September 2020

Agency: Tacoma Rail (TMBL)

Project Number: To be assigned

Project Description: Installation of active grade-crossing signalization equipment.

### Detailed Project Description

**Project Title: Lincoln Ave Signalization Installation**

Install active grade-crossing signalization equipment on Lincoln Avenue, between Port of Tacoma Road and Thorne Road. The proposed project would add two cantilevered LED flashing light structures with shoulder mounted flashing LED lights, bells and gates to the crossing.

**Project Title: Port of Tacoma Road Signalization Installation**

Install active grade-crossing signalization equipment on the Port of Tacoma Road near Lincoln Avenue. The proposed project would add two cantilevered LED flashing light structures with shoulder mounted flashing LED lights and bells to the crossing. Both crossings will inter-tie into the existing traffic light at the intersection of Lincoln Ave and Port Road unless not feasible.

Note: Projects above include associated ADA and utility work as needed.

### Project Schedule (Estimated)

**Projects: Lincoln Ave (932777T) & Port of Tacoma (852637U, 852638B)**

Project added to the STIP	9/2020
Project agreement signed with WSDOT Local Programs	11/2021
Begin PE (phase authorized by FHWA through WSDOT)	2/2022
Community/stakeholder engagement complete	10/2022
Environmental documents approved by WSDOT	1/2023
Begin right-of-way (phase authorized by FHWA through WSDOT)	10/2022
Railroad contract	2/2023
Contract advertised	3/2023
Contract awarded	6/2023
Construction complete	2/2024

### Project Cost and Award Amount

**Project: Lincoln Ave (932-777T)**

Phase	Total Cost	Local Match	Amount Awarded
Preliminary Engineering	\$150,000	\$15,000	\$135,000
Right-of-Way	\$50,000	\$10,000	\$40,000
Construction	\$650,000	\$80,000	\$570,000
<b>Total</b>	<b>\$850,000</b>	<b>\$105,000</b>	<b>\$745,000</b>

\* Project must obligate construction funds by April 30, 2022 to waive the 10% local match requirement for the construction phase.

**Project: Port of Tacoma (852-637U, 852-638B)**

Phase	Total Cost	Local Match	Amount Awarded
Preliminary Engineering	\$100,000	\$10,000	\$90,000
Right-of-Way	\$50,000	\$10,000	\$40,000
Construction	\$500,000	\$60,000	\$440,000
<b>Total</b>	<b>\$650,000</b>	<b>\$80,000</b>	<b>\$570,000</b>

\* Project must obligate construction funds by April 30, 2022 to waive the 10% local match requirement for the construction phase.

**Total Funding**

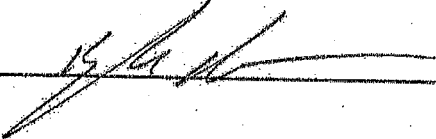
Phase	Total Cost	Local Match	Amount Awarded
Preliminary Engineering	\$250,000	\$25,000	\$225,000
Right-of-Way	\$100,000	\$20,000	\$80,000
Construction	\$1,150,000	\$140,000	\$1,010,000
<b>Total</b>	<b>\$1,500,000</b>	<b>\$185,000</b>	<b>\$1,315,000</b>

\* Project must obligate construction funds by April 30, 2022 to waive the 10% local match requirement for the construction phase.

If you agree to the project summary described above, please sign or electronically sign below and return to Paul Snow  
[Paul.Snow@wsdot.wa.gov](mailto:Paul.Snow@wsdot.wa.gov)

Concurrence: I agree to the project summary described above.

Approving Authority Name (Print): Kyle Kellem

Approving Authority Signature:  Date: 1/28/21



**Washington State  
Department of Transportation**

Transportation Building  
310 Maple Park Avenue S.E.  
P.O. Box 47300  
Olympia, WA 98504-7300  
360-705-7000  
TTY: 1-800-833-8388  
www.wsdot.wa.gov

May 4, 2021

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**\$745,000**

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Project: Lincoln Ave (932-777T)

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Right-of-Way	\$50,000	\$10,000	\$40,000
Construction	\$650,000	\$80,000	\$570,000
<b>Total</b>	<b>\$850,000</b>	<b>\$105,000</b>	<b>\$745,000</b>

\* Project must obligate construction funds by April 30, 2022 to waive the 10% local match requirement for the construction phase.

**Project: Port of Tacoma (852-637U, 852-638B)**

Phase	Total Cost	Local Match	Amount Awarded
Preliminary Engineering	\$100,000	\$10,000	\$90,000
Right-of-Way	\$50,000	\$10,000	\$40,000
Construction	\$500,000	\$60,000	\$440,000
<b>Total</b>	<b>\$650,000</b>	<b>\$80,000</b>	<b>\$570,000</b>

\* Project must obligate construction funds by April 30, 2022 to waive the 10% local match requirement for the construction phase.

**Total Funding**


Phase	Total Cost	Local Match	Amount Awarded
Preliminary Engineering	\$250,000	\$25,000	\$225,000
Right-of-Way	\$100,000	\$20,000	\$80,000
Construction	\$1,150,000	\$140,000	\$1,010,000
<b>Total</b>	<b>\$1,500,000</b>	<b>\$185,000</b>	<b>\$1,315,000</b>

\* Project must obligate construction funds by April 30, 2022 to waive the 10% local match requirement for the construction phase.

If you agree to the project summary described above, please sign or electronically sign below and return to Paul Snow.  
[Paul.Snow@wsdot.wa.gov](mailto:Paul.Snow@wsdot.wa.gov)

Concurrence: I agree to the project summary described above.

Approving Authority Name (Print): Kyle Kellem

Approving Authority Signature:  Date: 1/28/21