



**TO:** Mayor and City Council  
**FROM:** William A. Gaines, Director of Utilities/CEO  
**COPY:** T. C. Broadnax, City Manager and City Clerk  
**SUBJECT:** Resolution – WSDOT Freight Rail Bank Loan RRB-1108 Taylor Way Wye Rehabilitation – October 6, 2015  
**DATE:** September 11, 2015

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**SUMMARY:**

Tacoma Rail requests approval to enter into a Loan Agreement with the Washington State Department of Transportation to upgrade two existing turnouts and 1,290 feet of track.

**BACKGROUND:**

This interest free loan was awarded through a competitive call for projects initiated by the Washington State Department of Transportation, with the funds having been appropriated by the Washington State Legislature. The loan is in the principal amount of \$311,457.00, less a one percent (1%) administrative fee, over a ten (10) year repayment term.

The Loan Agreement requires Tacoma Rail to contribute a minimum of \$133,482.02 in matching funds, and complete the project by June 30, 2017. Repayment terms require ten annual payments of \$31,145.70 each beginning August 1, 2017.

The loan will be used to partially finance the rehabilitation of two existing railroad turnout switches, including 1,200 feet of new rail and select cross ties, in addition to 90 feet of track on a ballasted deck bridge and other associated track components located on the Taylor Way Wye track extending across the Hylebos Creek.

**ISSUE:**

Tacoma Rail's freight rail infrastructures in the Tideland's area are heavily used and in need of periodic upgrade in order to facilitate the switching of railcars destined for customers in the Port of Tacoma and other outlying areas.

**ALTERNATIVES:**

There are no reasonable alternatives.

**RECOMMENDATION:**

With the Loan Agreement having been approved by the Tacoma Public Utility Board at their September 23, 2015 meeting, Tacoma Rail recommends City Council authorize execution of the Loan Agreement with the Washington State Department of Transportation. The project will enhance safety, and help ensure operational continuity.



**FISCAL IMPACT:**

There is no fiscal impact to the City's General Fund.

**EXPENDITURES:**

| FUND NUMBER & FUND NAME * | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT |
|---------------------------|----------------------------|--------------|--------------|
| 4500 - Tacoma Rail (TPU)  | RAL-00076                  |              | \$444,939.02 |
|                           |                            |              |              |
| <b>TOTAL</b>              |                            |              |              |

**REVENUES:**

| FUNDING SOURCE           | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT |
|--------------------------|----------------------------|--------------|--------------|
| WSDOT Loan               | RAL-00076                  |              | \$311,457.00 |
| 4500 - Tacoma Rail (TPU) | RAL-00076                  |              | \$133,482.02 |
|                          |                            |              |              |
| <b>TOTAL</b>             |                            |              | \$444,939.02 |

**POTENTIAL POSITION IMPACT:**

| POSITION TITLE | PERMANENT/<br>PROJECT<br>TEMPORARY<br>POSITION | FTE IMPACT | POSITION END DATE |
|----------------|--|------------|-------------------|
| N/A            |  |            |                   |
|                |  |            |                   |
| <b>TOTAL</b>   |  |            |                   |

*This section should only be completed if a subsequent request will be made to increase or decrease the current position count.*

**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$444,939.02**

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

**IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED.**

Anticipated expenditures are budgeted.



**TO:** Mayor and City Council  
**FROM:** William A. Gaines, Director of Utilities/CEO  
**COPY:** T. C. Broadnax, City Manager and City Clerk  
**SUBJECT:** Resolution – WSDOT Freight Rail Bank Loan RRB-1109 Edwards Crossover  
Rehabilitation – October 6, 2015  
**DATE:** September 11, 2015

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**SUMMARY:**

Tacoma Rail requests approval to enter into a Loan Agreement with the Washington State Department of Transportation to upgrade two existing switching turnouts.

**BACKGROUND:**

This interest free loan was awarded through a competitive call for projects initiated by the Washington Department of Transportation, with the funds having been appropriated by the Washington State Legislature. The loan is in the principal amount of \$156,997.00, less a one percent (1%) administrative fee, over a ten (10) year repayment term.

The Loan Agreement requires Tacoma Rail to contribute a minimum of \$67,286.38 in matching funds, and complete the project by June 30, 2017. Repayment terms require ten annual payments of \$15,699.70 each beginning February 1, 2017.

The loan will be used to partially finance the rehabilitation of two existing and heavily used railroad turnout switches, 1,100 track feet of rail, and other associated track components in an area just north of Tacoma Rail’s main classification yard.

**ISSUE:**

Tacoma Rail’s freight rail infrastructures in the Tideland’s area are heavily used and in need of periodic upgrade in order to facilitate the switching of railcars destined for customers in the Port of Tacoma and other outlying areas.

**ALTERNATIVES:**

There are no reasonable alternatives.

**RECOMMENDATION:**

With the Loan Agreement having been approved by the Tacoma Public Utility Board at their September 23, 2015, meeting, Tacoma Rail recommends City Council authorize execution of the Loan Agreement with the Washington State Department of Transportation. The project will enhance safety, and help ensure operational continuity.



**FISCAL IMPACT:**

There is no fiscal impact to the City’s General Fund.

**EXPENDITURES:**

| FUND NUMBER & FUND NAME * | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT |
|---------------------------|----------------------------|--------------|--------------|
| 4500 - Tacoma Rail (TPU)  | RAL-00077                  |              | \$224,283.38 |
|                           |                            |              |              |
|                           |                            |              |              |
| <b>TOTAL</b>              |                            |              |              |

**REVENUES:**

| FUNDING SOURCE           | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT        |
|--------------------------|----------------------------|--------------|---------------------|
| WSDOT Loan               | RAL-00077                  |              | \$156,997.00        |
| 4500 - Tacoma Rail (TPU) | RAL-00077                  |              | \$67,286.38         |
|                          |                            |              |                     |
| <b>TOTAL</b>             |                            |              | <b>\$224,283.38</b> |

**POTENTIAL POSITION IMPACT:**

| POSITION TITLE | PERMANENT/<br>PROJECT<br>TEMPORARY<br>POSITION | FTE IMPACT | POSITION END DATE |
|----------------|--|------------|-------------------|
| N/A            |  |            |                   |
|                |  |            |                   |
|                |  |            |                   |
| <b>TOTAL</b>   |  |            |                   |

*This section should only be completed if a subsequent request will be made to increase or decrease the current position count.*

**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET:** \$224,283.38

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

**IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED.**

Anticipated expenditures are budgeted.



**TO:** Mayor and City Council  
**FROM:** William A. Gaines, Director of Utilities/CEO  
**COPY:** T. C. Broadnax, City Manager, and City Clerk  
**SUBJECT:** Resolution – WSDOT Freight Rail Investment Bank Loan RRB-1110 Tacoma Rail East Lead Low Side Switching Ladder Rebuild – October 6, 2015  
**DATE:** September 11, 2015

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**SUMMARY:**

Tacoma Rail requests approval to enter into a Loan Agreement with the Washington State Department of Transportation to upgrade railroad track switching turnouts in Tacoma Rail’s main classification yard.

**BACKGROUND:**

This interest free loan was awarded through a competitive call for projects initiated by the Washington Department of Transportation, with the funds having been appropriated by the Washington State Legislature. The loan is in the principal amount of \$469,270.00, less a one percent (1%) administrative fee, over a ten (10) year repayment term.

The Loan Agreement requires Tacoma Rail to contribute a minimum of \$201,116.38 in matching funds, and complete the project by June 30, 2017. Repayment terms require ten annual payments of \$46,927.00 each beginning February 1, 2017.

The loan will be used to partially finance the replacement of seven heavily used railroad turnout switches and other associated track components in Tacoma Rail’s main classification yard.

**ISSUE:**

Tacoma Rail track infrastructures in the Tideland’s area are heavily used and in need of periodic upgrade in order to facilitate the switching of railcars destined for customers in the Port of Tacoma and other outlying areas.

**ALTERNATIVES:**

There are no reasonable alternatives.

**RECOMMENDATION:**

With the Loan Agreement having been approved by the Tacoma Public Utility Board at their September 23, 2015, meeting, Tacoma Rail recommends City Council authorize execution of the Loan Agreement with the Washington State Department of Transportation. The project will enhance safety, and ensure operational continuity.



**FISCAL IMPACT:**

There is no fiscal impact to the City’s General Fund.

**EXPENDITURES:**

| FUND NUMBER & FUND NAME * | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT |
|---------------------------|----------------------------|--------------|--------------|
| 4500 - Tacoma Rail (TPU)  | RAL-00078                  |              | \$670,386.38 |
|                           |                            |              |              |
|                           |                            |              |              |
| <b>TOTAL</b>              |                            |              |              |

**REVENUES:**

| FUNDING SOURCE           | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT        |
|--------------------------|----------------------------|--------------|---------------------|
| WSDOT Loan               | RAL-00078                  |              | \$469,270.00        |
| 4500 - Tacoma Rail (TPU) | RAL-00078                  |              | \$201,116.38        |
|                          |                            |              |                     |
| <b>TOTAL</b>             |                            |              | <b>\$670,386.38</b> |

**POTENTIAL POSITION IMPACT:**

| POSITION TITLE | PERMANENT/<br>PROJECT<br>TEMPORARY<br>POSITION | FTE IMPACT | POSITION END DATE |
|----------------|--|------------|-------------------|
| N/A            |  |            |                   |
|                |  |            |                   |
|                |  |            |                   |
| <b>TOTAL</b>   |  |            |                   |

*This section should only be completed if a subsequent request will be made to increase or decrease the current position count.*

**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET:** \$670,386.38

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

**IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED.**

Anticipated expenditures are budgeted.



**TO:** Mayor and City Council  
**FROM:** William A. Gaines, Director of Utilities/CEO  
**COPY:** T. C. Broadnax, City Manager and City Clerk  
**SUBJECT:** Resolution – WSDOT Freight Rail Bank Loan RRB-1111 West Lead Switching Ladder High Side Rebuild – October 6, 2015  
**DATE:** September 11, 2015

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**SUMMARY:**

Tacoma Rail requests approval to enter into a Loan Agreement with the Washington State Department of Transportation to replace five heavily used track switches on the West side of Tacoma Rail’s main classification yard.

**BACKGROUND:**

This interest free loan was awarded through a competitive call for projects initiated by the Washington State Department of Transportation, with the funds having been appropriated by the Washington State Legislature. The loan is in the principal amount of \$369,518.00, less a one percent (1%) administrative fee, over a ten (10) year repayment term.

The Loan Agreement requires Tacoma Rail to contribute a minimum of \$158,365.08 in matching funds, and complete the project by June 30, 2017. Repayment terms are ten annual payments of \$36,951.80 each, commencing on October 1, 2017.

The loan will be used to partially finance the replacement of five heavily worn switching turnouts and other associated track components in Tacoma Rail’s main classification yard.

**ISSUE:**

Tacoma Rail’s freight rail infrastructures in the Tideland’s area are heavily used and in need of periodic upgrade in order to facilitate the efficient switching of railcars destined for customers in the Port of Tacoma and other outlying areas.

**ALTERNATIVES:**

There are no alternative options.

**RECOMMENDATION:**

With the Loan Agreement having been approved by the Tacoma Public Utility Board at their September 23, 2015 meeting, Tacoma Rail recommends City Council authorize execution of the Loan Agreement with the Washington State Department of Transportation. The project will enhance safety and reduce the risk of service interruptions on account of deteriorated track infrastructures.



**FISCAL IMPACT:**

There is no fiscal impact to the City’s General Fund.

**EXPENDITURES:**

| FUND NUMBER & FUND NAME * | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT |
|---------------------------|----------------------------|--------------|--------------|
| Tacoma Rail 4500          | RAL-00079                  |              | \$527,883.08 |
|                           |                            |              |              |
|                           |                            |              |              |
| <b>TOTAL</b>              |                            |              |              |

\* General Fund: Include Department

**REVENUES:**

| FUNDING SOURCE           | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT        |
|--------------------------|----------------------------|--------------|---------------------|
| WSDOT Loan               | RAL-00079                  |              | \$369,518.00        |
| 4500 – Tacoma Rail (TPU) | RAL-00079                  |              | \$158,365.08        |
|                          |                            |              |                     |
| <b>TOTAL</b>             |                            |              | <b>\$527,883.08</b> |

**POTENTIAL POSITION IMPACT:**

| POSITION TITLE | PERMANENT/<br>PROJECT<br>TEMPORARY<br>POSITION | FTE IMPACT | POSITION END DATE |
|----------------|--|------------|-------------------|
| N/A            |  |            |                   |
|                |  |            |                   |
|                |  |            |                   |
| <b>TOTAL</b>   |  |            |                   |

*This section should only be completed if a subsequent request will be made to increase or decrease the current position count.*

**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET:** \$644,736.00

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

**IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED.**

Anticipated expenditures are budgeted. If the project extends past the current biennial cycle, future anticipated project expenditures will be included in the next Capital Expenditures Budget for Tacoma Rail





**TO:** Mayor and City Council  
**FROM:** William A. Gaines, Director of Utilities/CEO  
**COPY:** T. C. Broadnax, City Manager and City Clerk  
**SUBJECT:** Resolution – WSDOT Freight Rail Bank Loan RRB-1112 Transfer Yard Connection – October 6, 2015  
**DATE:** September 11, 2015

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**SUMMARY:**

Tacoma Rail requests approval to enter into a Loan Agreement with the Washington State Department of Transportation to install new track to make a connection with an existing track.

**BACKGROUND:**

This interest free loan was awarded through a competitive call for projects initiated by the Washington State Department of Transportation, with the funds having been appropriated by the Washington State Legislature. The loan is in the principal amount of \$150,000.00, less a one percent (1%) administrative fee, over a ten (10) year repayment term.

The Loan Agreement requires Tacoma Rail to contribute a minimum of \$195,582.00 in matching funds, and complete the project by June 30, 2017. Repayment terms require ten annual payments of \$15,000.00 each beginning March 1, 2017.

The loan will be used to partially finance the installation of 150 feet of new track, one turnout and two track crossings connecting an existing track along Lincoln Avenue to the Transfer Yard in the Port of Tacoma area which will improve operational flexibility.

**ISSUE:**

The installation of this new segment of track will improve Tacoma Rail’s operational flexibility and enables a more efficient freight rail route to U. S. Oil and other rail customers in this area.

**ALTERNATIVES:**

One alternative is no change to the current track configurations. However, this project provides a common sense improvement to Tacoma Rail operational efficiency, in addition to reducing surface traffic conflicts at Port of Tacoma Road near Lincoln Avenue.

**RECOMMENDATION:**

With the Loan Agreement having been approved by the Tacoma Public Utility Board at their September 23, 2015 meeting, Tacoma Rail recommends City Council authorization of the Loan Agreement with the Washington State Department of Transportation. The project will enhance safety, improve area freight rail capacity and operational flexibility.



**FISCAL IMPACT:**

There is no fiscal impact to the City's General Fund.

**EXPENDITURES:**

| FUND NUMBER & FUND NAME * | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT |
|---------------------------|----------------------------|--------------|--------------|
| 4500 - Tacoma Rail (TPU)  | RAL-00057                  |              | \$345,582.00 |
|                           |                            |              |              |
| <b>TOTAL</b>              |                            |              |              |

**REVENUES:**

| FUNDING SOURCE           | COST OBJECT (CC/WBS/ORDER) | COST ELEMENT | TOTAL AMOUNT        |
|--------------------------|----------------------------|--------------|---------------------|
| WSDOT Loan               | RAL-00057                  |              | \$150,000.00        |
| 4500 - Tacoma Rail (TPU) | RAL-00057                  |              | \$65,582.00         |
| U. S. Oil Pledge         | RAL-00057                  |              | \$130,000.00        |
| <b>TOTAL</b>             |                            |              | <b>\$345,582.00</b> |

**POTENTIAL POSITION IMPACT:**

| POSITION TITLE | PERMANENT/<br>PROJECT<br>TEMPORARY<br>POSITION | FTE IMPACT | POSITION END DATE |
|----------------|--|------------|-------------------|
| N/A            |  |            |                   |
|                |  |            |                   |
| <b>TOTAL</b>   |  |            |                   |

*This section should only be completed if a subsequent request will be made to increase or decrease the current position count.*

**FISCAL IMPACT TO CURRENT BIENNIAL BUDGET: \$345,582.00**

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

**IF EXPENSE IS NOT BUDGETED, PLEASE EXPLAIN HOW THEY ARE TO BE COVERED.**

Anticipated expenditures are budgeted. If the project extends past the current biennium, future anticipated project costs will be included in the Capital Expenditures Budget for Tacoma Rail.