

**DATE:** August 16, 2011  
**STAFF:** Jin Wang  
Rick Richter

**AGENDA ITEM SUMMARY**  
FORT COLLINS CITY COUNCIL

**9**

**SUBJECT**

Second Reading of Ordinance No. 091, 2011, Appropriating Unanticipated Revenue from the Colorado Department of Transportation in the City Bridge Program Fund for the Shields Street Bridge Replacement and Laporte Avenue Bridge Replacement.

**EXECUTIVE SUMMARY**

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This Ordinance, unanimously adopted on First Reading on July 19, 2011, appropriates fund from three grants received from the federally funded Colorado Off-System Bridge Program totaling \$2,225,932. This funding contract between the City and Colorado Department of Transportation is for the replacement of two structurally deficient bridges owned by the City. The two bridges are Shields Street Bridge over Larimer Canal No. 2, near Rolland Moore Park, and Laporte Avenue Bridge over the Arthur Ditch, between Shields Street and College Avenue.

**STAFF RECOMMENDATION**

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Staff recommends adoption of the Ordinance on Second Reading.

**ATTACHMENTS**

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1. Copy of First Reading Agenda Item Summary - July 19, 2011 (w/o attachments)

**DATE:** July 19, 2011  
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**AGENDA ITEM SUMMARY**  
 FORT COLLINS CITY COUNCIL

15

**SUBJECT**

Items Relating to the Shields Street Bridge Replacement and LaPorte Avenue Bridge Replacement.

- A. Resolution 2011-058 Authorizing the Mayor to Enter into a Contract with the Colorado Department of Transportation for the Construction of the Shields Street Bridge Replacement and Laporte Avenue Bridge Replacement.
- B. First Reading of Ordinance No. 091, 2011, Appropriating Unanticipated Revenue from the Colorado Department of Transportation in the City Bridge Program Fund for the Shields Street Bridge Replacement and Laporte Avenue Bridge Replacement.

**EXECUTIVE SUMMARY**

The City of Fort Collins Engineering Department has been awarded three grants from the federally funded Colorado Off-System Bridge Program totaling \$2,225,932. This funding contract between the City and Colorado Department of Transportation is for the replacement of two structurally deficient bridges owned by the City. The two bridges are Shields Street Bridge over Larimer Canal No. 2, and Laporte Avenue Bridge over the Arthur Ditch.

**BACKGROUND / DISCUSSION**

Bridges are an important element of the roadway network. An inadequate bridge can cause various capacity and safety problems on roadways. A road will not be able to function if it is disconnected because of a bridge that has failed. Based on federal bridge inspection standards, both the Shields Street Bridge and the Laporte Avenue Bridge are identified as structurally deficient. This means that both bridges are in advanced stages of deterioration and do not have the desired load carrying capacities. Replacing these bridges will eliminate unsafe situations which could potentially result in property damage and loss of life.

**FINANCIAL / ECONOMIC IMPACTS**

The City was awarded three grants from federally funded Colorado Off-System Bridge Program totaling \$2,225,932. These grants are for replacement of two qualifying bridges, Shields Street Bridge near Rolland Moore and the Laporte Avenue Bridge. Shields Street Bridge was scheduled to be funded with 2011 Keep Fort Collins Great (KFCG) monies and Laporte Avenue Bridge was scheduled for 2012 KFCG funding. The federal grant award has presented the opportunity to offset the 2011 KFCG allocation, and use those funds for the design of two other high priority bridge projects, as well as the construction of the Laporte Avenue Bridge in 2011. Planning, Development & Transportation is planning to reassign KFCG dollars initially intended for the Shields Street Bridge project to the design of the Prospect and West Mulberry bridge projects, and to accelerate construction of the Laporte Avenue Bridge project.

The estimated total cost of Shields Street Bridge Replacement and Laporte Avenue Bridge Replacement Project is \$3,136,131, which is to be funded as follows:

Federal Funds	\$2,225,932
Local Agency Matching Funds (2011 BFO Offer 146.14)	\$ 556,483
Local Agency Overmatch Funds (2011 BFO Offer 146.14)	\$ 353,716
Total Project Funds	\$3,136,131

The two bridges are classified as structurally deficient. These bridges are failing and need to be replaced. If allowed to fail, an emergency bridge replacement can cost up to 50% more than a planned bridge replacement. The proactive completion of both bridge replacements will provide continued accessibility to businesses, parks and residences.

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**ENVIRONMENTAL IMPACTS**

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The project will have a positive impact on long term air quality. Vehicles that are currently restricted by the bridge weight limit posted will be able to drive over the replacement bridge, instead of using a longer alternative route, thus reducing greenhouse gas emission.

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**STAFF RECOMMENDATION**

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Staff recommends adoption of the Resolution and the Ordinance on First Reading.

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**BOARD / COMMISSION RECOMMENDATION**

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The Transportation Board was briefed on both Bridges Replacement Projects, most recently in February 2011, and will receive updates as the project progresses.

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**PUBLIC OUTREACH**

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The Project Team has met with property owners adjacent to the bridge. The Team is also working with utility companies that have services over or under the existing bridge. Public outreach will be intensified prior to, and during, construction of the replacement bridges.

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**ATTACHMENTS**

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1. Project Area Map
2. Transportation Board minutes, February 16, 2011

ORDINANCE NO. 091, 2011  
OF THE COUNCIL OF THE CITY OF FORT COLLINS  
APPROPRIATING UNANTICIPATED GRANT REVENUE IN THE CAPITAL PROJECTS  
FUND FOR THE CITY BRIDGE PROGRAM PROJECT

WHEREAS, the City has been awarded three grants from the Colorado Department of Transportation federally funded Colorado Off-System Bridge Program totaling \$2,225,932; and

WHEREAS, these three grants are for the replacement of the Shields Street Bridge over Larimer Canal No. 2 near Rolland Moore Park and the Laporte Avenue Bridge over Arthur Ditch; and

WHEREAS, based on federal bridge inspection standards, both the Shields Street Bridge and the Laporte Avenue Bridge are in advanced stages of deterioration and have been identified as structurally deficient because they do not have the desired load carrying capacities; and

WHEREAS, the total estimated cost of the Shields Street Bridge Replacement and the Laporte Avenue Bridge Replacement is \$3,136,131 which will be funded by federal grants (\$2,225,932) and 2011 existing appropriations of (\$910,199) which will fund the required match; and

WHEREAS, the City Council has adopted Resolution 2011-058 authorizing the City to enter into a contract with the Colorado Department of Transportation for the construction of the Shields Street Bridge Replacement and the Laporte Avenue Bridge Replacement; and

WHEREAS, Article V, Section 9, of the City Charter permits the City Council to make supplemental appropriations by ordinance at any time during the fiscal year, provided that the total amount of such supplemental appropriations, in combination with all previous appropriations for that fiscal year, does not exceed the current estimate of actual and anticipated revenues to be received during the fiscal year; and

WHEREAS, City staff have determined that the appropriation of the revenue as described herein will not cause the total amount appropriated in the Capital Projects Fund to exceed the current estimate of actual and anticipated revenues during fiscal year 2011.

NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF FORT COLLINS that there is hereby appropriated from unanticipated revenue in the Capital Projects Fund the sum of TWO MILLION TWO HUNDRED TWENTY-FIVE THOUSAND NINE HUNDRED THIRTY-TWO DOLLARS (\$2,225,932) for expenditure in the Capital Projects Fund for the City Bridge Program Project.

Introduced, considered favorably on first reading, and ordered published this 19th day of July, A.D. 2011, and to be presented for final passage on the 16th day of August, A.D. 2011.

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Mayor

ATTEST:

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City Clerk

Passed and adopted on final reading on the 16th day of August, A.D. 2011.

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Mayor

ATTEST:

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City Clerk