

ROUTT COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA COMMUNICATION FORM

ITEM DATE: 10/22/2019	ITEM TIME: 3:00-3:20 PM
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FROM:	Mike Mordi , Assistant Road & Bridge Director
TODAY'S DATE:	10/16/2019
AGENDA TITLE:	Approval of Chair's signature on Grant Application to Special Highways Committee via Colorado Counties Inc. for the replacement of the Trout Creek and Moon Hill Bridges.

CHECK ONE THAT APPLIES TO YOUR ITEM:	
<input checked="" type="checkbox"/> ACTION ITEM	
<input type="checkbox"/> DIRECTION	
<input type="checkbox"/> INFORMATION	

I. DESCRIBE THE REQUEST OR ISSUE:

Requesting approval and signature of the off-system bridge replacement grant application submittal to the Special Highways Committee via Colorado Counties Inc. for the structurally deficient Trout Creek Bridge (# 107017900.90926). The total estimated price for the project cost is \$775,000 including \$50,000 for design funded by the County. In 2016, the county finished a majority of the design of the bridge. The County is asking for \$775,000 in construction funds 80% funded via grant at (\$620,000) and 20% County match at (\$155,000).

Requesting approval and signature of the off-system bridge replacement grant application submittal to the Special Highways Committee via Colorado Counties Inc. for the structurally deficient Moon Hill Bridge (# 107005600.00916). The total estimated project cost is \$1,519,000 including \$67,000 for design funded by the County. The County is asking for \$1,452,000 for construction funded 80% via grant (\$1,161,600) and 20% County match (\$290,400).

II. RECOMMENDED ACTION:

Approve the Chair's signature on the Grant Application to the Special Highways Committee via Colorado Counties Inc for \$775,000 in construction funds for the replacement of the Trout Creek Bridge 80% grant (\$620,000) and 20% County match (\$155,000). Approve the Chair's signature on the Grant Application to the Special Highways Committee via Colorado Counties Inc for replacement of the Moon Hill Bridge requesting funding in a total amount of \$1,452,000 including 80% grant (\$1,161,600) and 20% County match (\$290,400).

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III. DESCRIBE FISCAL IMPACTS (VARIATION TO BUDGET):
PROPOSED REVENUE: Trout Creek Bridge = 80% Match \$620,000 Moon Hill Bridge = 80% Match \$1,161,600
PROPOSED EXPENDITURE: Trout Creek Bridge = 20% County Match \$155,000 Moon Hill Bridge = 20% County Match \$290,400
FUNDING SOURCE: Special Highway Committee grant fund; general fund
IV. IMPACTS OF A REGIONAL NATURE OR ON OTHER JURISDICTIONS (IDENTIFY ANY COMMUNICATIONS ON THIS ITEM):
CR 179 provides the access to multiple ranches and access to the Southern part of the County. County Road 56 provides access to private property and public lands in Routt County. CR56 is also listed on the Colorado Backcountry Discovery Route.

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V. BACKGROUND INFORMATION:

The Trout Creek Bridge (# 107017900.90926) is located at the intersection of CR 29 and 179 just south of the Creek Ranch. It serves local land owners and provides access to southern parts of the County. In 2016, a design was performed, but not reviewed by CDOT. As of the inspection performed in 2018, the bridge sufficiency was 50.8, rated structurally deficient, and it was identified in poor condition on the Colorado Off-System Structure Eligibility List.

The Moon Hill Bridge (# 107005600.00916) is located in northern Routt County on CR 56 and spans the Elk River. (See attached map for location.) It serves local land owners and provides public access to adjacent federal lands, as well as seasonal thru traffic. The bridge was built in 1972 and has had some repairs done over the years. The 2014 biennial bridge inspection identified it as a structurally deficient bridge in Routt County. The Moon Hill Bridge is one of the last structurally deficient bridges on the list. It is listed in the County's future budget plan for replacement in 2022). The Moon Hill Bridge is rated as poor on the Colorado Off-System Eligibility List, has a sufficiency rating of 50 or less (44.7), and is rated as structurally deficient.

It is likely that maintenance/repair costs would approach the county match for reconstruction thus replacement using grant funding is economically efficient. Replacement would greatly reduce long-term maintenance costs. The bridge is currently signed with load restrictions. Further deterioration may limit plowing, ranch use, or in the worse case close the bridge and eliminate access to those properties and public lands the bridge allows access to.

Repairs have been made to the bridge in 1999 and 2010. This helped extend the life of the bridge, but major repairs are eminent. Design of this bridge is currently nearing completion.

VI. LEGAL ISSUES:

None identified at this time.

VII. CONFLICTS OR ENVIRONMENTAL ISSUES:

None currently identified.

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VIII. SUMMARY AND OTHER OPTIONS:

Trout Creek and Moon Hill are the last of seven identified structurally deficient bridges to be repaired/replaced. If the grant application is not submitted, alternates are

- 1) County misses the grant opportunity and to replace the bridges will need to fund 100% of construction instead of 20% with the grant, or
- 2) County does not replace the bridges and spends an unidentified amount on maintenance, or
- 3) County does not repair or replace the bridge and access to property and public lands by the bridges may be limited or eliminated if the bridge further deteriorates.