

ROUTT COUNTY BOARD OF COUNTY COMMISSIONERS

AGENDA COMMUNICATION FORM

ITEM DATE: 11/20/2018	ITEM TIME: 11:00 – 11:15 AM
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FROM:	Mike Mordi , Assistant Road & Bridge Director
TODAY'S DATE:	11/13/2018
AGENDA TITLE:	Approval of Chair's signature on Grant Application to Special Highways Committee via Colorado Counties Inc. for Green Truss Bridge additional funds for the replacement funding in a total amount of \$163,455 broken down 80% federal grant (\$130,764) and 20% County match (\$32,691). Approval of Chair's signature on Grant Application to Special Highways Committee via Colorado Counties Inc for Moon Hill Bridge funds for the replacement funding in a total amount of \$1,375,500 including 80% grant (\$1,100,400) and 20% County match (\$275,100).

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 Green Truss Bridge (# 107006706.30734). The total bid price for the project cost is \$944,775 including \$72,000 for design and ROW acquisition funded by the County. The county was awarded a grant in 2014 for \$861,320. In 2016 the county finished design of the bridge and the new Engineer's Opinion of Cost is at 994,775. The County is asking for an additional \$163,455 in construction funds 80% funded via grant at (\$130,764) and 20% County match at (\$32,691) to make up the difference between the original grant in 2014 and the 2016 estimate.

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 \$1,442,500 including \$67,000 for design funded by the County and \$1,375,500 for construction funded 80% via grant (\$1,100,400) and 20% County match (\$275,100).

II. RECOMMENDED ACTION:

Approve the Chair's signature on the Grant Application to the Special Highways Committee via Colorado Counties Inc for \$163,455 in additional construction funds for the replacement of the Green Truss Bridge 80% grant (\$130,764) and 20% County match (\$32,691). 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 \$1,375,500 including 80% grant (\$1,100,400) and 20% County match (\$275,100).

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III. DESCRIBE FISCAL IMPACTS (VARIATION TO BUDGET):

PROPOSED REVENUE:

Green Truss Bridge = 80% Match \$130,764

Moon Hill Bridge = 80% Match \$1,100,400

PROPOSED EXPENDITURE:

Green Truss Bridge = 20% County Match \$32,691

Moon Hill Bridge = 20% County Match \$275,100

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 67 provides the only access from CR 29 to private property and public lands in Routt, Moffat, and Rio Blanco Counties. County Road 56 provides access to private property and public lands in Routt County. CR56 is also listed on the Colorado Backcountry Discovery Route.

V. BACKGROUND INFORMATION:

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The Green Truss Bridge (# 107006706.30734) is located in the southwestern most corner of Routt County on CR 67. It serves local land owners and provides public access to adjacent federal lands. The bridge was awarded an off system grant in 2014 in the amount of \$861,320. In 2016, the design was completed and a new Engineer's Opinion of Cost was given at \$994,775. The Public Works depart is asking for the difference between the original grant award and the new opinion of cost. The additional funds come from a longer bridge than was submitted, roadway realignment, and irrigation ditch improvements. Routt County is asking CCI for these additional funds in this round of funding.

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 meets the grant criteria of being on the Federal Select List, has a sufficiency rating of 50 or less (41.3), 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.

In October the County was notified that Grant funding for off-system bridge replacement is available from the Special Highway Committee for the 2019 – 2021 funding cycle. Based on the short turn around, the grant review committee has reviewed and approved the grant, comments have been addressed, and signature by the chairman is needed to submit the application by November 23, 2018 by 5:00 p.m.

VI. LEGAL ISSUES:

None identified at this time.

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VII. CONFLICTS OR ENVIRONMENTAL ISSUES:

None currently identified.

VIII. SUMMARY AND OTHER OPTIONS:

Green Truss 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.