



County of El Dorado

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Legislation Details (With Text)

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On agenda: 6/21/2022 **Final action:** 6/21/2022

Title: Department of Transportation recommending the Board consider the following:
1) Authorize the Department of Transportation Director, or designee, to approve and sign Reimbursable Agreement DTFH68-15-E-00034, Modification 003 (Agreement), with the Federal Highway Administration, Central Federal Lands Highway Division in the new amount of \$23,815,000 the Ice House Road Pavement Rehabilitation, Phase 2 Project, Capital Improvement Program number 72191/36105023;
2) Authorize the Department of Transportation Director, or designee, to amend Reimbursable Agreement DTFH68-15-E-00034, Modification 003 for all minor modifications as necessary throughout the term of the agreement; and
3) Direct staff to return to the Board with budget adjustments during the Fiscal Year 2022-23 Final Budget process to designate an additional \$1,111,184 of Sacramento Municipal Utility District (SMUD) funds for grant match and bridge barrier work.

FUNDING: Sacramento Municipal Utility District funds (15%), Federal Highway Administration Federal Lands Access Program (FLAP) grant funds (84%), Highway Safety Improvement Program (HSIP) (1%).

Sponsors:

Indexes:

Code sections:

Attachments: 1. A - Approved Contract Route Sheet, 2. B - Ice House Road FLAP Modification 003

Date	Ver.	Action By	Action	Result
6/21/2022	1	Board of Supervisors	Approved	Pass

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DISCUSSION / BACKGROUND

On May 9, 2017, Legistar 17-0374, Item 23, the Board of Supervisors allocated \$10,000 for the preparation of a Scoping report, agreement, and delivery plan for Federal Lands Access Program (FLAP) Funding grant application and adopted Resolution 078-2017 confirming the County's commitment to provide local matching funds and maintenance of Ice House Road for 20 years for the proposed Phase 3 project. FLAP provides funds for work on public highways, roads, bridges, trails, and transit systems that are located on, are adjacent to, or provide access to Federal Lands. These facilities must be owned or maintained by a state, county, town, township, tribe, municipal, or local government. This program is created under Moving Ahead for Progress in the 21st Century. This program places emphasis on projects that provide access to high-use recreation sites or Federal economic generators. This is the County's third FLAP grant awarded for the rehabilitation of Ice House Road. Ice House Road Rehabilitation Phase 1 repaired 7.1 miles from Wentworth Springs Road near MP 23.94 to Loon Lake near MP 31.06 and was completed in October 2016.

Upon Board approval, the Department of Transportation (Transportation) submitted two California Access Program grant application packages to fund pavement rehabilitation of Forest Highway 136 - Ice House Road from MP 6.37 at Peavine Ridge Road to MP 23.94. Transportation has already been awarded program funds for the two grant applications. On August 9, 2017, the California Program Decision Committee (PDC) selected Ice House Road for this program. For efficiency in overall design and construction costs, CFLHD and County, with PDC concurrence, have combined the two (2) grant phases into one (1) Project totaling 17.57 miles in length, Phase 2.

The CFLHD Scoping report was completed in June 2017 and detailed the Ice House Road Rehabilitation Project - Phase 2 (Project) to include Preliminary Engineering (PE), Construction Contract (CN), and Construction Management (CM) for the Project from Peavine Ridge Road, to the northern section of Wentworth Springs Road, for a distance of 17.57 miles. The Project is to reconstruct the existing pavement to a width of 24 feet. The current asphalt surface is in an advanced state of deterioration. The general scope of improvements includes milling and pulverization of existing pavement, new asphalt surface with 11-foot lanes and 1-foot shoulders, minor drainage structure improvements, minor embankments stabilization in select areas, clearing, grubbing, signing, pavement markings, delineation, and other safety-related features necessary to meet current design practice. The existing corridor is maintained by the County under the permission granted by the Forest via a Special Use Permit. Program costs, and therefore, the matching amounts from the County, are based on the actual costs to design, permit, environmentally clear, and construct the Project. In addition, all Right-of-Way, utility relocation costs, staff time, and public outreach are the responsibility of the County.

These additional items of work, plus construction cost inflation, along with a 10% contingency amount, have increased the estimated total Project cost amount in this grant agreement to \$23,815,000 in FLAP Eligible costs. Of this amount, 12.8% or \$3,048,320, is the El Dorado County Local Match portion using Sacramento Municipal Utility District (SMUD) funds. The remaining 87.2%, or \$20,766,680, will be funded by the California Access Program grant. This is a cost increase of \$457,668.

In March 2021, Transportation was awarded a Highway Safety Improvement Program (HSIP) grant for \$197,800 for the Ice House Road Guardrail Safety Project to replace roadway metal beam guardrails due to deterioration. To provide cost efficiencies, the HSIP grant has been given to the FLAP team and is included in this modification to the Agreement. The grant program includes replacement of bridge approach rails that will connect to the bridge barrier rails. With this modified agreement, the project will also include replacement of bridge barrier rail on five bridges on Ice

House Road at Tells Creek, Big Silver Creek, Jones Fork Silver Creek, South Fork Silver Creek, and South Fork Rubicon River. Additional Design and Construction elements include replacing existing metal beam guardrail along roadway and bridge approaches to meet current standards, and replacing the existing bridge barrier rails to meet current standards. There are no applicable grant opportunities for the County's portion of the installation of the new bridge barrier rails; therefore, the additional FLAP non-participating costs to install the new bridge barrier rails is \$542,500, for a total Guardrail and bridge Barrier rail component cost of \$740,300.

ALTERNATIVES

The Board could choose not to authorize the Director to sign Agreement Modification 003 and accept the additional grant funds. The Project will not be constructed, and costs already spent to date may not be returned.

PRIOR BOARD ACTION

See Discussion/ Background section.

OTHER DEPARTMENT / AGENCY INVOLVEMENT

County Counsel has reviewed and approved the Agreement.

CAO RECOMMENDATION / COMMENTS

Approve as recommended.

FINANCIAL IMPACT

The total agreement amount for this project is \$24,555,300, which includes FLAP grant funding in the amount of \$20,766,680, HSIP grant funding in the amount of \$197,800, and \$3,590,820 in SMUD Funds for the County match and new bridge barrier rails.

The total increase request for SMUD funds is \$1,111,184, which includes the participating cost increases and any other unexpected cost increases, the non-participating costs for the guardrail installation, and Transportation staff oversight. Transportation will include the remaining balance of costs in the 2022 CIP book to total \$20,964,480 in federal funds and \$3,814,933 in Sacramento Municipal Utility District (SMUD) funds to account for FLAP non-participating costs and unexpected increases in costs throughout the duration of the Agreement.

Recommended action item 3 is included to specifically authorize and account for the use of a portion of the SMUD funds as grant match for this project. Currently, adequate SMUD funding is available for the grant match portion of the proposed project; however, this available funding is identified as "undesignated" in the accounting structure. By designating appropriate funds in the SMUD account for this project, these funds will be set aside for the future year grant match requirement. If approved, this revision to the FY 2022-23 budget will be made in September through the final budget process.

CLERK OF THE BOARD FOLLOW UP ACTIONS

N/A

TRANSPORTATION FOLLOW UP ACTIONS

- 1) The Director, or designee, will sign two (2) originals of the Agreement.
- 2) Transportation will forward two (2) partially executed originals of the Agreement to CFLHD.
- 3) Upon receipt, Transportation will forward one (1) fully executed original to the Clerk of the Board for its files.

4) Transportation will include the budget amendment in changes to the FY 2022-23 Budget through the final budget process.

STRATEGIC PLAN COMPONENT

Infrastructure

CONTACT

Rafael Martinez, Director
Department of Transportation