MEMORANDUM
DEPARTMENT OF
PUBLIC WORKS AND FACILITIES
ENGINEERING DIVISION
County of Placer

TO: Board of Supervisors DATE: April 19, 2016

FROM: Ken Grehm, Director of Public Works and Facilities
By: Jon Mitchell, Associate Engineer

SUBJECT: Engineering / Amendment of Reimbursable Agreement with Federal Highway Administration / Tahoe City Road Safety Audit Improvements

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ACTION REQUESTED
Adopt a resolution authorizing the Director of Public Works and Facilities, or designee, to execute the Reimbursable Agreement No. DTFH68-15-E-00057, Modification 001 between Placer County and the Federal Highway Administration, Central Federal Lands Highway Division, for the Truckee River Bridge and Dollar Creek Shared Use Trail Projects to design, implementation, and management of road safety audit improvements at an estimated cost of $570,000.

BACKGROUND
In October 2015, the Central Federal Lands Highway Division (CFLHD) and Placer County completed a pedestrian and bicycle road safety audit (RSA) in Tahoe City as part of the Truckee River Bridge Project. The purpose of the RSA was to assess the multi-model safety of State Route 28 through Tahoe City with the following goals in mind:

- Balance pedestrian safety and vehicular movement in and through Tahoe City;
- Provide safe pedestrian and bicycle movements within Tahoe City along State Route 28;
- Coordinate and leverage current and planned projects within Tahoe City; and
- Enhance pedestrian crossings through implementation of proven strategies and counter measures.

This amended agreement will incorporate the recommended improvements from the RSA into the construction of the Truckee River Bridge Project, scheduled for 2016 and 2017.

ENVIRONMENTAL
This action is exempt from CEQA, pursuant to CEQA Guidelines, Section 15306, Information Collection, Class 6 provisions pertaining to data collection, research, and resource evaluation.

As part of this agreement, CFLHD will prepare the environmental documents that meet applicable county, state, federal, and Tahoe Regional Planning Agency environmental requirements for the RSA improvements.

FISCAL IMPACT
The total estimated cost to complete environmental review, design, and construction of the RSA improvements is approximately $570,000. The project is funded through a combination of County Transient Occupancy Tax ($70,000) and County Traffic Impact Fees ($500,000). Funding will be budgeted in the FY 2015-16 and FY2016-15 Department of Public Works and Facilities, Tahoe City Mobility Improvements Plan (PC2993).

ATTACHMENTS
Resolution
Location Map
Reimbursable Agreement No. DTFH68-15-E-00057, Modification No. 001

Before the Board of Supervisors
County of Placer, State of California

In the matter of: a Resolution authorizing the Director of Public Works and Facilities or designee, to execute Reimbursable Agreement No. DTFH68-15-E-00057, Modification 001, between Placer County and the Federal Highway Administration, Central Federal Lands Highway Division (CFLHD) for the Road Safety Audit Improvements in Tahoe City, California

Resolution No.: _____

The following Resolution was duly passed by the Board of Supervisors of the County of Placer

at a regular meeting held _____, by the following vote on roll call:

Ayes:

Noes:

Absent:

Signed and approved by me after its passage.

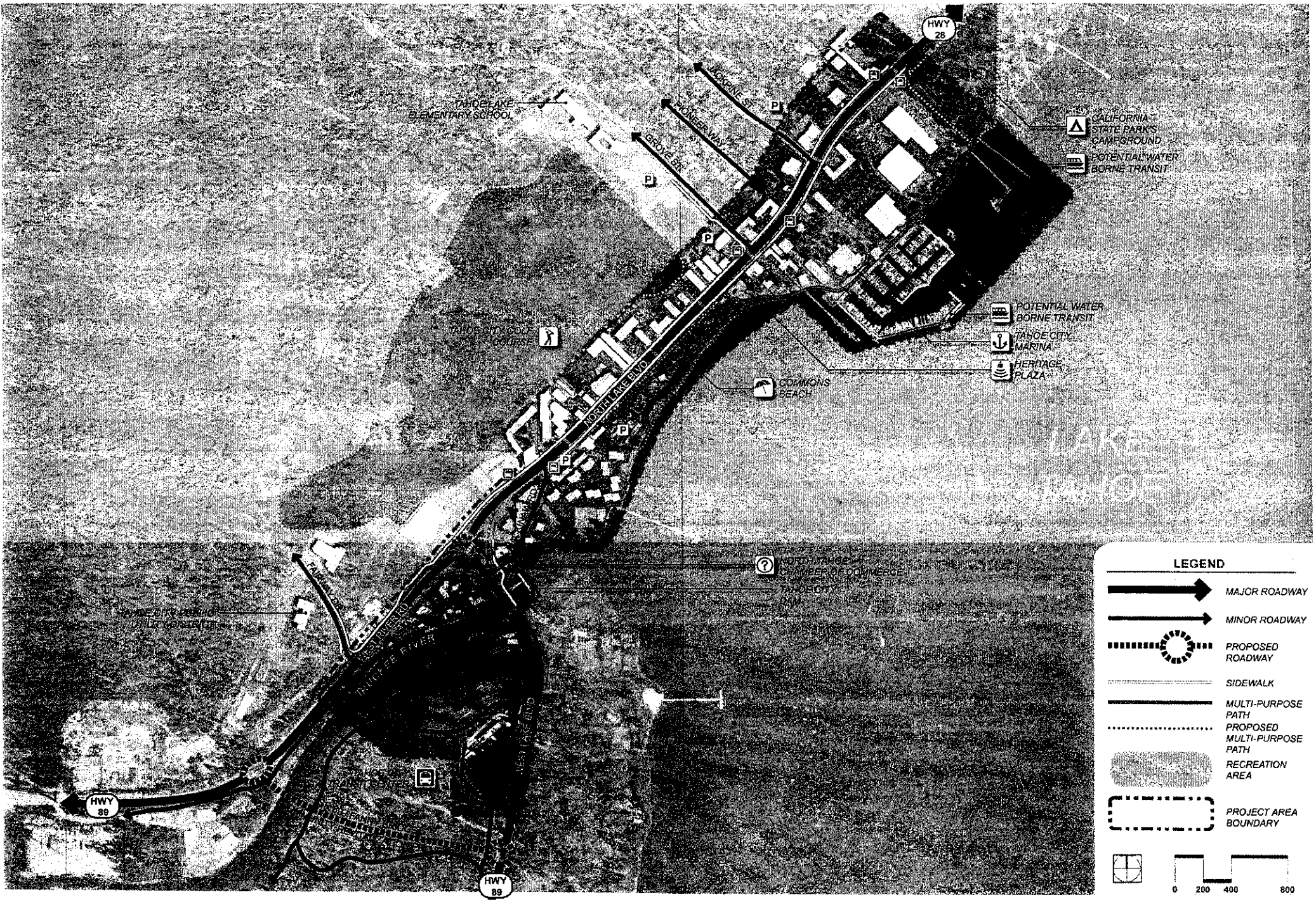
_____
Chair, Board of Supervisors

Attest:

_____
Clerk of said Board

BE IT RESOLVED by the Board of Supervisors of the County of Placer, State of California, approves and authorizes the Director of Public Works and Facilities, or designee to execute Reimbursable Agreement No. DTFH68-15-E-00057, Modification 001, between Placer County and the Federal Highway Administration, Central Federal Lands Highway Division (CFLHD), for road safety audit improvements in Tahoe City, California; and allowing the Central Federal Lands Division to design, implement, and manage the project at a cost of $570,000 to be fully funded by Placer County.

STUDY AREA


HWY 28
TAHOE LAKE ELEMENTARY SCHOOL
GROVE ST.
PIONEER WAY
JACKLINE ST.
CALIFORNIA STATE PARKS CAMPGROUND
POTENTIAL WATER BORNE TRANSIT
POTENTIAL WATER BORNE TRANSIT
TAHOE CITY GOLF COURSE
TAHOE CITY MARINA
HERITAGE PLAZA
COMMONS BEACH
NORTH LAKE BLVD.
NORTH TAHOE CHAMBER OF COMMERCE
TAHOE CITY DAM
TAHOE CITY PUBLIC UTILITY DISTRICT
FAIRWAY DR.
WEST LAKE BLVD.
TRUCKEE RIVER
EAST LAKE BLVD.
HWY 89
HWY 89
LEGEND
MAJOR ROADWAY
MINOR ROADWAY
PROPOSED ROADWAY
SIDEWALK
MULTI-PURPOSE PATH
PROPOSED MULTI-PURPOSE PATH
RECREATION AREA
PROJECT AREA BOUNDARY
0 200 400 800

Federal Highway Administration
Federal Lands Highway
AGREEMENT

DTFH68-15-E-00057, Modification #001

PARTIES TO THE AGREEMENT

Placer County	Organization to be Reimbursed Federal Highway Administration Central Federal Lands Highway Division 12300 West Dakota Ave Lakewood, CO 80228
DUNS Number: 785269440 TIN:94-6000527	DUNS Number 126129936

POINTS OF CONTACT FOR THE AGREEMENT

Reimbursing Organization Finance Point of Contact	Organization to be Reimbursed Finance Point of Contact
Name: Ken Grehm Address: 3091 County Center Drive, Suite 220 Auburn, CA 95603 Phone: 530-745-7588 E-mail: kgrehm@placer.ca.gov	Name: Suzanne Schmidt Address: 12300 West Dakota Ave Lakewood, CO 802 Phone: 720-963-3356 E-mail: suzanne.schmidt@dot.gov
Reimbursing Organization Program Point of Contact	**Organization to be Reimbursed Program Point of Contact**
Name: Peter Kraatz Address: P.O. Box 336 Kings Beach, CA 96143 Phone: 530-581-6230 E-mail: pkraatz@placer.ca.gov	Name: Matt Ambroziak Address: 12300 West Dakota Ave Lakewood, CO 80228 Phone: 720-963-3619 E-mail: matthew.ambroziak@dot.gov

PERIOD OF PERFORMANCE	LEGAL AUTHORITY
From: see date of signature below To: December 1, 2018	23 U.S.C. 201 and 204
TOTAL AGREEMENT AMOUNT	**PAYMENT TERMS AND SCHEDULE**
TOTAL AGREEMENT AMOUNT: $3,670,000	EFT

DESCRIPTION OF SUPPLIES, SERVICES, AND DELIVERABLES

See attached SOW

AUTHORIZED APPROVALS

For Reimbursing Organization	For Organization to be Reimbursed
Signature Date	Signature Date
Title	Title

Revised 3/2010

Statement of Work

Reimbursable Agreement No. DTFH68-15-E-00057, Modification 001

March 14, 2016

I. Introduction: The CA FLAP SR 89(1) Truckee River Bridge and CA FLAP 10089(1) Dollar Creek Shared Use Path projects (the "Project") was selected by the Programming Decision Committee ("PDC") in the State of California for Federal Lands Access Program funding ("FLAP Funds"). Federal Highway Administration, Central Federal Lands Highway Division ("CFLHD") will provide FLAP Funds and the Placer County will provide a portion of total matching funds for construction engineering ("CE"), and construction ("CN") for the Project.

In October 2015, CFLHD and the FHWA-Resource Center, completed a "Pedestrian and Bicycle Road Safety Audit (RSA)" in Tahoe City, California. Placer County will provide 100% of the PE and CN costs to incorporate the recommendations from the RSA into the construction of the Project.

II. Location: Truckee River Bridge in Tahoe City, Dollar Creek Shared Use Path, and Tahoe City Pedestrian and Bicycle RSA Elements in Placer County, California.

Work Required: The CN and CE will be completed for the Project, referred to as the SR 89/Fanny Bridge Community Revitalization Project (the "Truckee River Bridge Project"). The Truckee River Bridge Project involves construction of a replacement Truckee River crossing bridge and realignment of the approach roads to accommodate the bridge location. The Truckee River Bridge Project also includes 3 miles of bike trail and rehabilitation of the existing river crossing for bike and pedestrian use. The roadway width will vary through the project area from two lanes to four lanes. The existing section of SR 89 between the existing bridge and the new eastern roundabout will be

relinquished by CALTRANS to Placer County and will become a locally controlled street. Through traffic will be allowed. It will be designed as a "complete street," to serve multiple travel modes (motor vehicle, bicycle, pedestrian, transit, delivery trucks). Traffic calming and aesthetic features will be installed within this section of roadway (e.g., reduced speed limit, bulb-outs, landscaped areas, raised landscaped median, on-street parking, sidewalks, street lighting, benches, etc.).

As a complete street accommodating the needs of all modes, this project does not include long-term closures of existing SR 89 and Fanny Bridge to motor vehicles.

The Project also includes the Dollar Creek Shared Use Path Project. The Meeks Bay Shared Use Path will be funded through a separate reimbursable agreement with CALTRANS and/or Tahoe Transportation District.

Additional details regarding the Truckee River Bridge Project are provided in the California Access Program Project Application dated April 30, 2013.

The RSA elements include the following improvements in Tahoe City:

Grove Street Suggested Improvements:

- Install a pedestrian activated Pedestrian Hybrid Beacon.
- Improve the bulb outs by making them larger in order to improve sight distance.
- Use high visibility crosswalk markings for the two crosswalks across Grove Street.

Jackpine Suggested Improvements:

- Re-align Jackpine Street by adding curbing to the south radius. This will square up Jackpine Street to Highway 28.
- Provide curb bump outs on both sides of Highway 28 to improve sight distance for pedestrians and vehicles exiting the Marina and to reduce the crossing distance
- Eliminate right turn lane from westbound direction.

- Add a second crosswalk at Jackpine Street but consider additional conflict points and impacts to sight distance.
- If ingress and egress of the Marina can be modified, consider the west driveway as an exit only (better sight distance) and the east driveway as right-in-right-out only movements.

Lighthouse Redevelopment area/East Gateway Suggested Improvements:

- Provide a raised median in advance of the crosswalk and transit stop to serve as a Gateway to Tahoe City from the North Shore.
- Complete a connection from the Class I multi-use trail to the sidewalk, crosswalk, and bus stop
- Consolidate driveways at the Lighthouse development.
- Provide bike lane markings on both sides of Highway 28 through this area. Roadway width appears to be available.

III. Estimated Costs: The estimated costs of CN and CE for the Project were agreed to in the Federal Lands Access Program Project Memorandum of Agreement entered into by CFLHD, TTD, Federal Highway Administration – California Division, Placer County, CALTRANS, the Tahoe City Public Utility District, the Lake Tahoe basin Management Unit of the Forest Service, and the Tahoe Regional Planning Agency on January 6, 2014. The estimated costs of CN and CE for the Project have been revised through the design process as follows:

Dollar Creek:

CE = $300,000

CN (estimated) = $2,700,000

Total = $3,000,000

Truckee River Bridge:

CE = $2,000,000

CN (estimated) = $26,900,000

Total = $28,900,000

Total CE and CN (estimated) Costs for Truckee River Bridge and Dollar Creek Projects = $31,900,000

Local match amount required for construction of the project may be less or greater than the estimated amount in this agreement depending on bids received for the project.

The total overall estimated project costs (PE/CN/CE) funding for the Truckee River Bridge, Dollar Creek, and Meeks Bay projects is $35,029,960 and is broken out as follows:

FLAP Funding = $29,770,000
Local Matching and Contributing Funds = $5,256,960*
Local Match and Contributing Funds provided prior to this agreement = $1,056,960**
Local Match and contributing funds provided through this agreement = $3,100,000

*A separate reimbursable agreement with TTD or CALTRANS)" will be required in the estimated amount of $4.1 million. The $4.1 million includes $1.1 million in local match for the Truckee River Bridge and $3 million to fund CE and CN for the Meeks Bay Bike Path, of which 100% will be provided in Local Match (Non-Federal Funding). This remaining amount is estimated to fulfil the 21.5% matching requirements for the Project.

**DTFH68-13-E-00089 (TTD): $10,000
DTFH68-11-E-00013, Mod #2 (TTD): $560,000
DTFH68-14-E-00054 (Placer County): $180,000
DTFH68-14-E-00054, Mod #1 (Placer County): $116,960
DTFH68-13-E-00139 (TTD): $190,000

Tahoe City Ped/Bicycle RSA Elements:

PE = $70,000

CN (estimated) = $500,000

Total = $570,000 (100% Placer County funded)

Matching Share Requirements: The non-federal matching share requirement for the Project (Truckee River Bridge and Dollar Creek) is equal to 11.47% of the overall costs of the Project. Additional contributions must equal 10.03% of the overall costs of the Project. Matching funds and additional contributions may be tapered so that payments may be a lesser percentage early in the project development process and a greater percentage as the Project progresses through construction.

The Local Matching and Tapered Contribution Funds described in Section IV above will be counted towards the non-federal matching requirement and additional contribution requirement for the overall cost of the Project. Eligible funds will first be credited to the non-federal matching share requirement, and then to the additional contribution requirement.

Placer County will provide 100% of the funding for PE and CN of the Tahoe City RSA elements. This funding will not count towards local match for the Project.

IV. Period of Performance: All work associated with this agreement will be completed no later than December 1, 2018.

V. Technical Representative: CFLHD Program Point of Contact for this Agreement is Mr. Matt Ambroziak, Project Manager. Mr. Ambroziak can be contacted at 720-963-3619 or matthew.ambroziak@dot.gov.

Placer County's point of contact for this Agreement is Mr. Peter Kraatz.

Mr. Kraatz can be contacted at (530) 581-6230 or pkraatz@placer.ca.gov.

VI. Roles and Responsibilities

A. FHWA, Central Federal Lands Highway Division will:

1) Update the Project Delivery Plan to include the following:
    a. Final Design Schedule
    b. Construction Engineering Budgets
    c. Construction Schedules and Construction Costs
2) Manage and oversee FLAP and Local Match funds for the Truckee River Bridge Project and the Dollar Creek Shared Use Path, including construction and construction engineering.
3) Complete design and environmental compliance for the Tahoe City RSA Elements, including:
    a. 30% design including plans and engineer's estimate
    b. 30% design review meeting
    c. NEPA – Categorical Exclusion (CE)
    d. CEQA
    e. TRPA – Environmental Checklist
    f. 95% design including plans, specifications, and engineer's estimate
    g. 95% design review meeting
    h. Caltrans encroachment permit
    i. 100% plans, specifications, engineer's estimate (PS&E)
    j. Contracting action to add RSA elements into the Truckee River Bridge construction project as either a bid option or contract modification.
4) Provide support to Placer County for Public Support and Outreach during construction
5) Conduct a pre-construction conference prior to issuance of Notice to Proceed of construction
6) Conduct weekly construction status meetings and invite the PDT to

attend

7) Allow Placer County and PDT staff to observe construction operations
8) Notify and get approval from Placer County as early as possible about construction/contract modifications, which may require additional local match as shown in Section V
9) Conduct pre-final inspection and invite the PDT to attend
10) Conduct final inspection and invite the PDT to attend
11) Prepare final acceptance letters for owning and maintaining agencies to sign

B. Placer County will:

1) Act as the lead agency for public outreach for the Dollar Creek Shared Use Path and the Tahoe City RSA Elements Projects
2) Provide assistance during the bidding period, such as providing responses to bidder questions and other requests for project information.
3) Provide funding as referenced in this document.
4) Coordinate with the CFL Project Manager and construction staff
5) Coordinate with CFL on construction/contract modifications, which may require additional local match. If additional local match funds are required for construction/contract modifications, local match required will be equal to the match amounts in Section V
6) Attend weekly construction stat us meetings, as available and needed
7) Attend the pre-final inspection
8) Attend the final inspection
9) Coordinate with CFLHD on preparation of final acceptance letters for owning and maintaining agencies

VII. Financial Administration:

A. **Total Agreement Amount:** Not to exceed **$3,670,000**

B. **Funding Citations:** 23 U.S.C. 201 and 204.

C. **Reimbursable Payment:**

Truckee River Bridge and Dollar Creek:
CFLHD will invoice Placer County on a monthly basis for the project for CN and CE in the estimated amount of **$3,100,000**.

The parties shall not incur any costs which would result in costs exceeding the amounts stated in this Agreement without prior written authorization in the form of an amendment to this Agreement.

Placer County and the Tahoe Transportation District will pay a combined 21.5% (non-federal matching share equal to 11.47%; additional contributions equal to 10.03%) of the total Federal Lands Access Program funding and all costs exceeding Federal Lands Access Program funding required for the project through construction contract completion, closeout, and resolution of any disputes, in an amount not to exceed that provided in this Agreement.

Any surplus or shortfall in Local Matching and Contributing Funds at the time of Project termination will be supplied to or provided by Placer County through termination or modification to the executed reimbursable agreements with CFLHD.

Upon receipt of the invoice of costs incurred and authorized, Placer County will issue payment via one of the methods listed below.

Tahoe City RSA:
CFLHD will invoice Placer County on a monthly basis for the project for PE in the amount not-to-exceed **$70,000**. Any surplus PE funds can be applied towards CN.

CFLHD will invoice Placer County on a monthly basis for the project for CN in the amount not-to-exceed **$500,000**. This includes funding required for the project through construction contract completion, closeout, and resolution of any disputes, in an amount no to exceed that provided in this Agreement.

The parties shall not incur any costs which would result in costs exceeding the amounts stated in this Agreement without prior written authorization in the form of an amendment to this Agreement.

Any surplus or shortfall in Placer County funds at the time of Project termination will be supplied to or provided by Placer County through termination or modification to the executed reimbursable agreements with CFLHD.

Upon receipt of the invoice of costs incurred and authorized, Placer County will issue payment via one of the methods listed below.

D. **Method of Billing:** The Government shall bill the Buyer in accordance with the payment terms and schedule as agreed upon in the RA.

FHWA requests that these payments be made through the U.S. Treasury's website https://pay.gov. Pay.gov can be used to make secure electronic payments to many Federal Government Agencies via credit card or direct debit.

Payment shall be submitted referencing the FHWA/CFLHD Agreement Number: **DTFH68-15-E-00057, Modification 001**

Option 1 (Preferred Method)

Plastic Card or Automatic Clearing House Payment (ACH Direct Debit)

Go to Treasury's website, https://pay.gov.

Search for Agency Name

Select the appropriate Transportation Agency

Follow the form instructions to make your payment. Note: If making an ACH payment from your bank account, please select ACH Direct Debit as the payment type.

Option 2

Mail Check payment to the following address for Paper Check Conversion (PCC) processing:

MAILING ADDRESS:
Enterprise Service Center
Federal Aviation Administration
ATTN: AMZ-340, Mark Richardson
6500 S. MacArthur Blvd., HDQ Rm 285
Oklahoma City, OK 73169

Notice to Customers Making Payment by Check:

MAKE CHECK PAYABLE TO:

DOT FHWA

Please notify Regina Monroe at 720-963-3460 or regina.monroe@dot.gov if mailing a check.

When you provide a check as payment, you authorize us either to use information from your check to make a one-time electronic fund transfer from your account or to process the payment as a check transaction.

When we use information from your check to make an electronic fund transfer, funds may be withdrawn from your account as soon as the same day we receive your payment, and you will not receive your check back from your financial institution.

Privacy Act – A Privacy Act Statement required by 5 U.S.C. § 552a(e)(3) stating our authority for soliciting and collecting the information from your check, and explaining the purposes and routine uses which will be made of your check information, is available from our internet site at

(PCCOTC.GOV), or call toll free at (1-800-624-1373) to obtain a copy by mail. Furnishing the check information is voluntary, but a decision not to do so may require you to make payment by some other method.

VIII. Modifications:

Any modifications to the Agreement must be made in writing and agreed to by both parties. Such modifications are not binding unless they are in writing and signed by personnel authorized to bind each of the agencies.

IX. Agreement Completion:

When Placer County has accepted all deliverables, CFLHD will provide a written project evaluation and final accounting of project costs to the Requesting Agency contact.

X. Termination:

This agreement will terminate upon the date specified in Section V or upon 30 calendar day prior written notification to the other party. If this agreement is terminated by Placer County its liability shall extend only to pay for its share of the actual and reasonable costs of the items/services rendered and the costs of any non-cancelable obligations incurred in accordance with the terms of this agreement prior to the effective date of termination. If this agreement is terminated by CFLHD its liability shall extend only to the release of its work products and related materials to the Requesting Agency by the effective date of termination.