



NOTICE OF MEETING OF THE CARSON CITY REGIONAL TRANSPORTATION COMMISSION (RTC)

Day: Wednesday
Date: August 8, 2018
Time: Begins immediately after the adjournment of the Carson Area Metropolitan Planning Organization meeting that begins at 4:30 p.m.
Location: Community Center, Sierra Room, 851 East William Street, Carson City, Nevada

AGENDA

AGENDA NOTES: The Regional Transportation Commission is pleased to make reasonable accommodations for members of the public who are disabled and wish to attend the meeting. If special arrangements for the meeting are necessary, please notify Regional Transportation Commission staff in writing at 3505 Butti Way, Carson City, Nevada, 89701, or call Lucia Maloney at (775) 887-2355 at least 24 hours in advance.

For more information or for copies of the supporting material regarding any of the items listed on the agenda, please contact Lucia Maloney, Transportation Manager, at (775) 887-2355. Additionally, the agenda with all supporting material is posted under "Agendas & Minutes" at www.carson.org/agendas, or is available upon request at 3505 Butti Way, Carson City, Nevada, 89701.

1. ROLL CALL AND DETERMINATION OF A QUORUM

2. AGENDA MANAGEMENT NOTICE: The Chair may take items on the agenda out of order; combine two or more agenda items for consideration; and/or remove an item from the agenda or delay discussion relating to an item on the agenda at any time.

3. DISCLOSURES: Any member of the RTC Board may inform the Chair of his or her intent to make a disclosure of a conflict of interest on any item appearing on the agenda or on any matter relating to the RTC's official business. Such disclosures must also be made at such time the specific agenda item is introduced.

4. PUBLIC COMMENT: Members of the public who wish to address the RTC may approach the podium and speak on any matter relevant to or within the authority of RTC. Comments are limited to three minutes per person per topic. If your item requires extended discussion, please request the Chair to calendar the matter for a future RTC meeting. No action may be taken upon a matter raised under this item of the agenda until the matter itself has been specifically included on an Agenda as an item upon which action may be taken.

5. APPROVAL OF MINUTES:

5.A (For Possible Action) July 11, 2018 Draft Minutes

6. PUBLIC MEETING ITEM(S):

6.A (For Information Only) Presentation on the construction progress for the Downtown Curry Streetscape Project.

Staff Summary: Staff will provide an update to the RTC regarding the progress of construction for the Downtown Curry Streetscape Project. The project includes utility and streetscape improvements along Curry Street, as well as various improvements for five east-west downtown streets between Carson Street and Curry Street (Robinson Street, Spear Street, Telegraph Street, Proctor Street and Musser Street) and the Telegraph to Spear alley. Construction started in May 2018 and is scheduled to be completed in October 2018.

6.B (For Possible Action) To approve the Interlocal agreement with the University of Nevada for Cooperative Technical Assistance for Pavement, in the amount of \$40,000 per fiscal year of the two-year agreement period starting August 15, 2018 through August 14, 2020 for a total sum of \$80,000.

Staff Summary: The pavement technology agreement is a bi-annual cooperative agreement between the Carson City Public Works Department and the Pavement Engineering & Science Program at the University of Nevada, Reno (UNR). The agreement will complete three tasks: Task A: Develop Surface Seal Design and Construction Guide; Task B: Technical Assistance to Update and Improve Paver Database; and Task C: Asphalt Concrete Mix Type Selection Guide.

6.C (For Possible Action) To approve submittal of Carson City's 2018 Bicycle Friendly Communities renewal application.

Staff Summary: The League of American Bicyclists is accepting applications for a Bicycle Friendly Community designation for their fall application cycle. Staff is seeking approval to submit an application.

6.D (For Information Only) Information on Fiscal Year (FY) 2018 transportation activities.

Staff Summary: Carson City's FY 2018 ended on June 30, 2018. Staff will present a summary of FY 2018 transportation activities and accomplishments.

6.E (For Possible Action) To approve a Federal Lands Access Program (FLAP) project Memorandum of Agreement that documents the responsibilities for the development, construction, and future maintenance of Kings Canyon Road from the Kings Canyon Stream Crossing to the Kings Canyon Trailhead Parking Lot, approximately 0.73 miles.

6.F (For Possible Action) To approve a revised Federal Lands Access Program (FLAP) Project Reimbursement Agreement to reimburse Central Federal Lands Highway Division for five percent of the total project cost.

7. INTERNAL COMMUNICATIONS AND ADMINISTRATIVE MATTERS (For Information Only):

- 7.A Transportation Manager's Report
- 7.B Street Operations Activity Report
- 7.C Project Status Report
- 7.D Future Agenda Items

8. BOARD COMMENTS (For Information Only): Status reports and comments from the members of the RTC Board.

9. The Next Meeting is Tentatively Scheduled: 4:30 p.m., Wednesday, September 12, 2018, at the Sierra Room - Community Center, 851 East William Street.

10. PUBLIC COMMENT: Members of the public who wish to address the RTC Board may approach the podium and speak on any matter relevant to or within the authority of RTC. Comments are limited to three minutes per person per topic. If your item requires extended discussion, please request the Chair to calendar the matter for a future RTC meeting. No action may be taken upon a matter raised under this item of the agenda until the matter itself has been specifically included on an Agenda as an item upon which action may be taken.

11. ADJOURNMENT: For Possible Action

This agenda has been posted at the following locations on Thursday, August 2, 2018, before 5:00 p.m.:

- City Hall, 201 North Carson Street
- Community Center, Sierra Room, 851 East William Street
- Carson City Library, Carson City Library, 900 North Roop Street
- Carson City Public Works, 3505 Butti Way
- Carson City Planning Division, 108 E. Proctor Street
- Douglas County Executive Offices, 1594 Esmeralda Avenue, Minden
- Lyon County Manager's Office, 27 South Main Street, Yerington
- Nevada Department of Transportation, 1263 S. Stewart Street, Carson City
- City Website: www.carson.org/agendas
- State Website: <https://notice.nv.gov>

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A regular meeting of the Carson City Regional Transportation Commission was scheduled to begin following adjournment of the Carson Area Metropolitan Planning Organization meeting on Wednesday, July 11, 2018 in the Community Center Sierra Room, 851 East William Street, Carson City, Nevada.

PRESENT: Chairperson Brad Bonkowski
Vice Chairperson Lori Bagwell
Commissioner Mark Kimbrough
Commissioner Chas Macquarie
Commissioner Greg Stedfield

STAFF: Lucia Maloney, Transportation Manager
Dirk Goering, Senior Transportation Planner
Graham Dollarhide, Transit Coordinator
Hailey Lang, Transportation Planner
Dan Yu, Chief Deputy District Attorney
Kathleen King, Chief Deputy Clerk

NOTE: A recording of these proceedings, the commission's agenda materials, and any written comments or documentation provided to the Clerk, during the meeting, are part of the public record. These materials are available for review, in the Clerk's Office, during regular business hours.

- 1. CALL TO ORDER AND DETERMINATION OF A QUORUM (5:10:34)** - Chairperson Bonkowski called the meeting to order at 5:10 p.m. Ms. King called the roll; a quorum was present.
- 2. AGENDA MANAGEMENT NOTICE (5:11:00)** - Chairperson Bonkowski entertained modifications to the agenda; however, none were forthcoming.
- 3. DISCLOSURES (5:11:11)** - Chairperson Bonkowski entertained disclosures; however, none were forthcoming.
- 4. PUBLIC COMMENT (5:11:25)** - Chairperson Bonkowski entertained public comment; however, none was forthcoming.
- 5. ACTION ON APPROVAL OF MINUTES - May 9, 2018 (5:11:44)** - Chairperson Bonkowski introduced this item, and entertained a motion. **Commissioner Kimbrough moved to approve the minutes. Commissioner Stedfield seconded the motion. Motion carried 5-0.**
- 6. PUBLIC MEETING ITEMS:**
 - 6(A) POSSIBLE ACTION TO AUTHORIZE THE TRANSPORTATION MANAGER TO NEGOTIATE AND EXECUTE AN INTERLOCAL COOPERATIVE AGREEMENT WITH TAHOE TRANSPORTATION DISTRICT AND DOUGLAS COUNTY SUBSTANTIALLY IN THE FORM OF THE AGREEMENT PRESENTED TO THE RTC (5:12:07)** - Chairperson Bonkowski introduced this item, and Mr. Dollarhide presented the agenda materials. Chairperson Bonkowski entertained commissioner questions or comments and public comments and, when none were forthcoming, a motion. **Vice Chairperson Bagwell moved to authorize the Transportation Manager to negotiate and execute an Interlocal Cooperative Agreement, with Tahoe Transportation District and Douglas County, substantially in the form of the agreement presented to the RTC. Commissioner Kimbrough**

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seconded the motion. Chairperson Bonkowski entertained discussion on the motion and, when none was forthcoming, called for a vote. **Motion carried 5-0.**

6(B) UPDATE ON THE OPERATIONS OF THE JUMP AROUND CARSON TRANSIT SYSTEM AND ON THE DIRECTION OF THE SYSTEM GOING FORWARD (5:14:28) - Chairperson Bonkowski introduced this item, and Mr. Dollarhide presented the agenda materials in conjunction with displayed slides. Mr. Dollarhide responded to questions of clarification, and discussion followed. Chairperson Kimbrough entertained additional questions or comments of the commissioners and of the public; however, none were forthcoming.

6(C) POSSIBLE ACTION TO DETERMINE THAT SIERRA NEVADA CONSTRUCTION, INC. IS THE LOWEST RESPONSIVE AND RESPONSIBLE BIDDER, PURSUANT TO NRS CHAPTER 338, AND TO AWARD CONTRACT NO. 1819-003, SILVER SAGE DRIVE ROADWAY RECONSTRUCTION PROJECT, FOR A BASE BID OF \$614,007.00, PLUS A 10% CONTINGENCY AMOUNT OF UP TO \$61,400.70, FOR A TOTAL NOT-TO-EXCEED AMOUNT OF \$675,407.70, TO BE FUNDED FROM THE TRANSPORTATION INFRASTRUCTURE ACCOUNT, AS PROVIDED IN THE FY 2018 BUDGET (5:24:18) - Chairperson Bonkowski introduced this item. Mr. Goering presented the agenda materials, and acknowledged Project Manager Robb Fellows who was present in the meeting room. In response to a question, Mr. Goering advised that the project was budgeted in FY 2018 and has been moved to the FY 2019 budget.

Chairperson Bonkowski entertained additional questions or comments of the commissioners and, when none were forthcoming, of the public. When no additional questions or comments were forthcoming, Chairperson Bonkowski entertained a motion. **Vice Chairperson Bagwell moved to determine that Sierra Nevada Construction, Inc. is the lowest responsive and responsible bidder, pursuant to NRS Chapter 338, and to award Contract No. 1819-003, Silver Sage Drive Roadway Reconstruction Project, for a base bid of \$614,007.00, plus a ten percent contingency up to \$61,400.70, for a total not-to-exceed amount of \$675,407.70, to be funded from the Transportation Infrastructure Account, as provided in the FY 2019 City budget. Commissioner Kimbrough seconded the motion.** Chairperson Bonkowski entertained discussion on the motion and, when none was forthcoming, called for a vote. **Motion carried 5-0.**

6(D) POSSIBLE ACTION TO AUTHORIZE THE TRANSPORTATION MANAGER TO SIGN COOPERATIVE AGREEMENT #P224-18-816, BETWEEN CARSON CITY AND THE NEVADA DEPARTMENT OF TRANSPORTATION, FOR THE PURPOSE OF INSTALLATION, LONG-TERM OPERATION AND MAINTENANCE, AND THE CITY'S COMMITMENT TO A 5 PERCENT LOCAL MATCH OR A MAXIMUM OF \$30,000, FOR TWO RECTANGULAR RAPID FLASHING BEACONS LOCATED ON STEWART STREET (5:29:03) - Chairperson Bonkowski introduced this item, and Mr. Goering presented the agenda materials. Mr. Goering, Mr. Yu, and Ms. Maloney responded to questions of clarification, and discussion followed. Chairperson Bonkowski entertained additional questions or comments of the commissioners and of the public. When no additional questions or comments were forthcoming, Chairperson Bonkowski entertained a motion. **Vice Chairperson Bagwell moved to authorize the Transportation Manager to sign Cooperative Agreement P224-18-816, between Carson City and the Nevada Department of Transportation, for the purpose of installation, long-term operation and maintenance, and the City's commitment to a five percent local match, or a maximum of \$30,000, for two rectangular, rapid flashing beacons located on Stewart Street, and to allow staff and the District Attorney's Office staff to appropriately conform the contract to the final needs of the project. Commissioner Kimbrough seconded the**

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motion. Chairperson Bonkowski entertained discussion on the motion and, when none was forthcoming, called for a vote. **Motion carried 5-0.**

7. INTERNAL COMMUNICATIONS AND ADMINISTRATIVE MATTERS

7(A) TRANSPORTATION MANAGER'S REPORT (5:39:37) - Chairperson Bonkowski introduced this item, and Ms. Maloney presented her report in conjunction with a video on the JAC Transit System. The commissioners and City staff applauded the video presentation. Ms. Maloney responded to questions of clarification throughout her presentation.

7(B) STREET OPERATIONS ACTIVITY REPORT (5:48:18) - Chairperson Bonkowski introduced this item, and Ms. Maloney presented the report which was included in the agenda materials. Vice Chairperson Bagwell commended Streets Division staff on a tree removal in the area of Divot Drive in the Empire Ranch area. Ms. Maloney expressed appreciation and commended the concrete crew as well.

7(C) PROJECT STATUS REPORT (5:50:51) - Chairperson Bonkowski introduced this item, and Ms. Maloney presented the report which was included in the agenda materials. Mr. Goering and Ms. Maloney responded to questions of clarification. Chairperson Bonkowski entertained additional questions or comments; however, none were forthcoming.

7(D) FUTURE AGENDA ITEMS (5:57:38) - Chairperson Bonkowski introduced this item, and Ms. Maloney reviewed the tentative agenda for the August commission meeting. Commissioner Kimbrough requested a report on the bicycle / pedestrian counts. Chairperson Bonkowski requested a Curry Street project update from City Engineer Dan Stucky. Chairperson Bonkowski entertained requests for additional future agenda items; however, none were forthcoming.

8. COMMISSIONER COMMENTS (5:59:11) - Chairperson Bonkowski entertained comments. Commissioner Stedfield commended the Transportation and Streets Division on keeping the streets maintained. Commissioner Macquarie expressed appreciation to Ms. Maloney and Transportation Division staff for attending Muscle Powered Board meetings and for the cooperative relationship.

9. PUBLIC COMMENT (6:00:33) - Chairperson Bonkowski entertained public comment; however, none was forthcoming.

10. THE NEXT MEETING IS TENTATIVELY SCHEDULED for Wednesday, August 8, 2018 in the Community Center Sierra Room, 851 East William Street. (6:00:47) - Chairperson Bonkowski read this information into the record.

11. ACTION ON ADJOURNMENT (6:00:59) - Chairperson Bonkowski adjourned the meeting at 6:00 p.m.

The Minutes of the July 11, 2018 Carson City Regional Transportation Commission meeting are so approved this _____ day of August, 2018.

BRAD BONKOWSKI, Chair



STAFF REPORT

Report To: The Carson City Regional Transportation Commission (RTC)

Meeting Date: August 8, 2018

Staff Contact: Dan Stucky, City Engineer

Agenda Title: (For Information Only) Presentation on the construction progress for the Downtown Curry Streetscape Project.

Staff Summary: Staff will provide an update to the RTC regarding the progress of construction for the Downtown Curry Streetscape Project. The project includes utility and streetscape improvements along Curry Street, as well as various improvements for five east-west downtown streets between Carson Street and Curry Street (Robinson Street, Spear Street, Telegraph Street, Proctor Street and Musser Street) and the Telegraph to Spear alley. Construction started in May 2018 and is scheduled to be completed in October 2018.

Agenda Action: Other/Presentation

Time Requested: 5 Minutes

Proposed Motion

N/A

Previous Action

February 14, 2018 – RTC approved the allocation of \$300,000 from the RTC Fund to reconstruct the roadway for five cross-streets, between Carson Street and Curry Street, including Robinson Street, Spear Street, Telegraph Street, Proctor Street, and Musser Street, as part of the Downtown Curry Streetscape Improvement Project.

Background/Issues & Analysis

The Downtown Curry Streetscape Project includes utility and streetscape improvements along Curry Street, as well as various improvements for five east-west downtown streets between Carson Street and Curry Street (Robinson Street, Spear Street, Telegraph Street, Proctor Street and Musser Street) and the Telegraph to Spear alley. Construction started in May 2018 and is scheduled to be completed in October 2018.

Applicable Statute, Code, Policy, Rule or Regulation

N/A

Financial Information

Is there a fiscal impact? Yes No

If yes, account name/number:

Is it currently budgeted? Yes No

Explanation of Fiscal Impact:

Supporting Material

N/A

Board Action Taken:

Motion: _____ 1) _____ Aye/Nay
2) _____ _____

(Vote Recorded By)



STAFF REPORT

Report To: The Carson City Regional Transportation Commission (RTC)

Meeting Date: August 8, 2018

Staff Contact: Dirk Goering, Senior Transportation Planner

Agenda Title: (For Possible Action) To approve the Interlocal agreement with the University of Nevada for Cooperative Technical Assistance for Pavement, in the amount of \$40,000 per fiscal year of the two-year agreement period starting August 15, 2018 through August 14, 2020 for a total sum of \$80,000.

Staff Summary: The pavement technology agreement is a bi-annual cooperative agreement between the Carson City Public Works Department and the Pavement Engineering & Science Program at the University of Nevada, Reno (UNR). The agreement will complete three tasks: Task A: Develop Surface Seal Design and Construction Guide; Task B: Technical Assistance to Update and Improve Paver Database; and Task C: Asphalt Concrete Mix Type Selection Guide.

Agenda Action: Formal Action/Motion

Time Requested: 5 minutes

Proposed Motion

Move to approve the Interlocal agreement with the University of Nevada for Cooperative Technical Assistance for Pavement, in the amount of \$40,000 per fiscal year of the two-year agreement period starting August 15, 2018 through August 14, 2020 for a total sum of \$80,000.

Background/Issues & Analysis

The attached agreement includes a summary of past accomplishments and proposed scope of work for the next two years.

Applicable Statute, Code, Policy, Rule or Regulation

NRS 277.180

Financial Information

Is there a fiscal impact? Yes No

If yes, account name/number: RTC Fund, Professional Services Account, 250-3035-431.03-09

Is it currently budgeted? Yes No

Explanation of Fiscal Impact: The contract totals \$80,000 over a two-year period, payable in increments of \$3,333.33 monthly. This contract was anticipated and has been budgeted in the RTC Professional Services account.

Alternatives

Not approve the contract.

Supporting Material

-Interlocal Agreement with proposed scope of work

Board Action Taken:

Motion: _____

1) _____

2) _____

Aye/Nay

(Vote Recorded By)

**INTERLOCAL AGREEMENT BETWEEN
CARSON CITY
AND THE BOARD OF REGENTS, NEVADA SYSTEM OF HIGHER EDUCATION obo THE
UNIVERSITY OF NEVADA, RENO
FOR THE PROVISION OF TECHNICAL ASSISTANCE WITH THE
CARSON CITY PAVEMENT MANAGEMENT SYSTEM**

This Agreement ("Agreement") is made and entered into this ____day of _____, 2018, by and between CARSON CITY, a consolidated municipality and political subdivision of the State of Nevada, herein referred to as "CITY", and THE BOARD OF REGENTS, NEVADA SYSTEM OF HIGHER EDUCATION obo the UNIVERSITY OF NEVADA, RENO, a political subdivision of the State of Nevada, herein referred to as "UNIVERSITY," and from time to time herein referred to collectively as "Parties" or individually as "Party."

WITNESSETH:

WHEREAS, NRS 277.180 authorizes any one or more public agencies to contract with any one or more other public agencies to perform any governmental service, activity or undertaking which any of the public agencies entering into the contract is authorized by law to perform; and

WHEREAS, the CITY desires to obtain technical assistance from the UNIVERSITY for the purpose of developing a pavement maintenance and rehabilitation program, also referred to as a pavement management system; and

WHEREAS, the UNIVERSITY operates the Pavements/Materials Program (PMP) which is a nationally recognized teaching and research area in the College of Engineering; and

WHEREAS, the UNIVERSITY laboratory employs a full-time research engineer with a strong background in both highway materials testing and electronics; and

WHEREAS, the CITY and the UNIVERSITY desire to enter into an agreement that is mutually beneficial to both Parties;

NOW, THEREFORE, in consideration of the promises and of the mutual covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is agreed as follows:

ARTICLE I - CITY AGREES

1. To remit payment to the UNIVERSITY in the amount of FORTY THOUSAND DOLLARS (\$40,000.00) in each fiscal year of the two-year period described in Article III of this Agreement as the period of performance, for a total sum of EIGHTY THOUSAND DOLLARS (\$80,000.00) in exchange for technical assistance with the CITY's pavement management system.

2. This is a fixed price Agreement. The UNIVERSITY shall submit monthly invoices in equal amounts of Three Thousand Three Hundred Thirty Three Dollars and 33/100 (\$3,333.33). The CITY shall remit payment in satisfaction of the invoices submitted by the UNIVERSITY within thirty (30) days of receipt of each invoice. Invoices must be delivered to:

Carson City Public Works Department
3505 Butti Way
Carson City, NV 89701

Personal checks remitted for payment must reference the appropriate UNIVERSITY account number and be made payable to "Board of Regents, NSHE obo the University of Nevada, Reno" and must also be delivered to:

University of Nevada, Reno
Controller's Office
Mail Stop 124
Reno, NV 89557-0025

ARTICLE II – UNIVERSITY AGREES

1. To provide the services as described in Task A: "Update CCPW PMA and Revise Performance Models" and Task B: "Technical Assistance" as set forth in Attachment "A."
2. The person with primary responsibility for supervision of the performance of the Research on behalf of the UNIVERSITY will be Elie Y. Hajj, PhD and the UNIVERSITY hereby covenants that no other person may replace or serve as substitute for him in the supervisory responsibilities hereunder without the prior written approval of the CITY, which may be granted or withheld at the sole discretion of the CITY.

ARTICLE III - IT IS MUTUALLY AGREED

1. The period of performance under this Agreement shall commence on August 15, 2018 and end on August 14, 2020, unless terminated earlier pursuant to the provisions set forth below. Notwithstanding the foregoing, this Agreement shall not be effective until and unless approved by the appropriate official action of the governing body of the CITY. It is anticipated that all approvals will be obtained by August 15, 2018, but if such approvals are not obtained by said date, the CITY and the UNIVERSITY may agree upon alternative dates for the period of performance. If alternative dates for the period of performance are agreed upon by and between the CITY and the UNIVERSITY, such alternative dates must be made in writing and attached as an addendum to this Agreement.
2. Either Party may terminate this Agreement without cause by providing to the other Party 30 days' written notice of intent to terminate. The CITY and the UNIVERSITY agree to perform their respective duties hereunder until the date of termination.
3. All notices or other communications required or permitted to be given under this Agreement must be made in writing and shall be deemed to have been duly given if delivered personally by hand, sent via electronic mail with receipt confirmation, by facsimile with simultaneous regular mail, or mailed via certified mail, return receipt requested, postage prepaid on the date posted, and addressed to the other Party at the address set forth below:

FOR CITY:

Lucia Maloney, Transportation Manager
City of Carson City
3505 Butti Way
Carson City, NV 89701
Phone: 775-283-7396
Fax: 775-887-2112
E-mail: lmaloney@carson.org

FOR UNIVERSITY:

Ms. Charlene R. Hart, Director
Office of Sponsored Projects Administration
University of Nevada/325
Reno, Nevada 89557
Phone: 775-784-4040
Fax: 775-784-6680
E-mail: ospadmin@unr.edu

4. Failure of either the CITY or the UNIVERSITY to perform any material obligation under this Agreement shall be deemed a breach. The non-breaching Party shall give written notice of the alleged breach and an opportunity to cure. If the breach is not cured within 60 days from the date of the notice or as otherwise mutually agreed upon in writing, the non-breaching Party may terminate this Agreement and exercise the rights and remedies available to it by law. In the event legal action is required to enforce the terms of this Agreement or to prevent its breach, then in addition to any other rights and remedies available to such Party at law or in equity, the prevailing Party to such action shall be entitled to a recovery of its reasonable attorney's fees and costs.

5. Neither the CITY or the UNIVERSITY waives, and each intends to assert, available NRS Chapter 41 liability limitations in all cases.

6. To the extent permitted by law, including, but not limited to, the provisions of NRS Chapter 41, each Party shall indemnify, hold harmless and defend, not excluding the other's right to participate, the other Party from and against all liability, claims, actions, damages, losses, and expenses, including but not limited to reasonable attorney's fees and costs, arising out of any alleged negligent or willful acts or omissions of the indemnifying Party, its officers, employees and agents. Such obligation shall not be construed to negate, abridge, or otherwise reduce any other right or obligation of the indemnity which would otherwise exist as to any Party or person described in this Section.

7. The CITY and the UNIVERSITY shall share ownership of any data generated as a result of the performance of the tasks under this Agreement. The CITY agrees that the UNIVERSITY may use data in publication of scholarly works or for internal research and educational purposes. This Agreement shall not be construed as to convey any rights to intellectual property independently conceived or reduced to practice or writing by the UNIVERSITY prior to entering into this Agreement and such property shall remain the sole and exclusive property of the UNIVERSITY and the CITY shall have no title or claim to such intellectual property. Notwithstanding any other provision of this Agreement, the UNIVERSITY acknowledges, understands and expressly agrees that pursuant to Nevada law, documents received from the UNIVERSITY may be open to inspection and copying. The CITY will have a duty to disclose unless a particular record is made confidential by law or a common law balancing of interests. The UNIVERSITY may clearly label specific portions of any document as a "trade secret" or "confidential," and the UNIVERSITY agrees to indemnify and defend the CITY for honoring such a designation. The failure to so label any document that is released by the CITY shall constitute a complete waiver of any and all claims for damage or harm to intellectual property rights caused by any release of the records.

8. The Parties are associated with each other only for the purposes and to the extent set forth in this Agreement. Each Party is and shall be a public agency separate and distinct from the other Party and shall have the independent right to supervise, manage, operate, control and direct performance of the details incident to its duties under this Agreement. Nothing contained in this Agreement shall be deemed or construed to create a partnership or joint venture, to create relationships of an employer-employee or principal-agent, or to otherwise create any liability for one agency whatsoever with respect to the indebtedness, liabilities, and obligations of the other agency or any other Party.

9. The CITY and the UNIVERSITY shall not assign, transfer or delegate any rights, obligations or duties under this Agreement without the prior written consent of the other Party.

10. The Parties hereto represent and warrant that the person executing this Agreement on behalf of each Party has full power and authority to enter into this Agreement and that the Parties are authorized by law to perform the acts contemplated herein.

11. If any provision contained in this Agreement is held to be unenforceable by a court of law or equity, this Agreement shall be construed as if such provision did not exist and the non-enforceability of such provision shall not be held to render any other provision or provisions of this Agreement unenforceable.

12. This Agreement and the rights and obligations of the Parties hereto shall be governed by, and construed according to, the laws of the State of Nevada. The Parties consent to the exclusive jurisdiction in a court of competent jurisdiction in Nevada, for enforcement of this Agreement.

13. This Agreement constitutes the entire Agreement of the Parties and as such is intended to be a complete and exclusive statement of the promises, representations, negotiations, discussions, and other Agreements that may have been made in connection with the subject matter hereof. Unless an integrated attachment to this Agreement specifically displays a mutual intent to amend a particular part of this Agreement, general conflicts in language between any such attachment and this Agreement shall be construed consistent with the terms of this Agreement. Unless otherwise expressly authorized by the terms of this Agreement, no modification or amendment to this Agreement shall be binding upon the Parties unless the same is in writing and signed by the respective Parties hereto.

[The remainder of this page is intentionally left blank. The next page is page 5 for signatures.]



COOPERATIVE TECHNICAL ASSISTANCE AGREEMENT FOR PAVEMENT TECHNOLOGY

Sponsor

Carson City Public Works
3505 Butti Way, Carson City, NV, 89701

Proposing Agency: Board of Regents, NSHE, obo University of Nevada, Reno
1664 N. Virginia St., Reno, Nevada 89557
Phone: 775-784-4040

Proposal Date: July 20, 2018

Administrative Officer: Ms. Charlene R. Hart, Director, Pre-Award
Office of Sponsored Projects Administration
University of Nevada/325
Reno, NV 89557
Phone: 775-784-4040 | Fax: 775-784-6680
E-mail: ospadmin@unr.edu

Proposed Contract Period: 24 months (August 15, 2018 – August 14, 2020)

Contract Amount: \$40,000/year for a 2-year total of \$80,000.



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COOPERATIVE TECHNICAL ASSISTANCE AGREEMENT FOR PAVEMENT TECHNOLOGY

INTRODUCTION

The pavement technology agreement is a bi-annual cooperative agreement between the Carson City Public Works (CCPW) and the Pavement Engineering & Science (PES) Program at the University of Nevada, Reno (UNR). The agreement is designed to work on issues that are critical to the design and construction of long lasting roads throughout Carson City.

The PES Program at UNR will provide the CCPW various analytical, research, development, and testing projects as may be determined by the CCPW, through consultation with PES personnel to be necessary and/or desirable to improve the performance and durability of asphalt pavements in Carson City, Nevada. The following describes the accomplishments under the current agreement, as well as the Tasks to be completed during the period August 15, 2018 – August 14, 2020.

Under the 2018-2020 agreement, the total estimated cost for Task A is \$20,000/year and for Task B is \$5,000/year. The estimated cost for Task C is \$15000/year. The total estimated cost of the 2-year program is \$80,000.

Accomplishments under the Current Agreement

The current agreement was established on July 1, 2016 and will be completed on June 30, 2018. The following tasks were accomplished:

- Faculty from the PES program presented the findings and significant benefits of the developed pavement management system (PMS) for Carson City during the Transportation Resource Advisory Forum for Carson City (TRAFCC) meeting on July 28, 2016. The presentation covered Pavement Management 101, Carson City streets current and predicted pavement conditions using different funding and project prioritization scenarios.
- Faculty from the PES program conducted a training for CCPW personnel on flexible pavement distress types, their identifications and possible causes, as well as suggested maintenance treatment activities on November 7, 2016.
- Maintained the pavement network inventory in PAVER for Carson City up to date. This included adding or removing roadway sections based on changes in ownership, resolving any discrepancies in the inventory, adding pavement activities completed during the 2-year agreement period, etc.
- Faculty from the PES program assisted CCPW with: (1) the technical review of proposals submitted in response to the RFP 1718-064: FY 18 Carson City Pavement Management Services; and (2) the phone interview of short listed consultants. The PES program assisted with the selected consultant during the semi-automated pavement distress data collection and PMS update to the Carson City by: (1) answering questions related to PAVER database and GIS shapefile, (2) conducting quality assurance of distress rating data for more than 50,000 lane feet of roadways using Dynatest Explorer™ (DE), and (3) importing the newly collected distress survey data into PAVER database.
- The CCPW pavement performance models were revised and recalibrated based on the newly added distress data. The existing developed CCPW pavement performance models

were enhanced for polymer-modified asphalt binder sections. Since use of polymer-modified asphalt binder was implemented by CCPW around 2007, no pavement performance data were available for polymer-modified asphalt binder sections beyond the pavement age of six years during the development phase. Accordingly, the pavement performance model for polymer-modified asphalt binder sections for CCPW was developed using data for unmodified asphalt binder sections with pavement age more than six years. While this constituted a best possible short-term solution, the full benefit of using polymer-modified asphalt binders was not being reflected during the budgeting and planning process for the CCPW roadway network. The newly collected data helped refine the models to better capture the impact of polymer-modified asphalt binders on pavement performance life.

- Technical assistance and recommendations were provided based on the field review of several pavements in the Carson City area. The field review identified the causes of distresses and made recommendations for maintenance and rehabilitation activities.
- Technical assistance and recommendations were provided for different budgeting and planning scenarios in PAVER for the following cases:
 - Case 0-A: Area-weighted PCI of 70 for arterial roads over the span of 10 years.
 - Case 0-B: Area-weighted PCI of 70 for arterial roads over the span of 20 years.
 - Case 1: Only increase target area-weighted PCI to 73 (use zero for tolerance).
 - Case 2: Only increase critical PCI to 60 (instead of 40) (maintain a target area-weighted PCI to 70).
 - Case 3: Exclude localized preventive from budget (maintain a target area-weighted PCI to 70).
 - Case 4: Revise the PCI range of application for global maintenance to a PCI between 70 and 90 (maintain a target area-weighted PCI to 70).
- Technical assistance and recommendations were provided for the draft Carson City Pavement Management Plan for fiscal year 2019-2023.
- A pavement design guide was developed based on the latest technologies in asphalt mixtures and pavements for use by Carson City. The Guide presented an all-inclusive process for the structural design of flexible pavements within Nevada’s North-Western Region. The Guide covered the following critical aspects of the structural design of flexible pavements:
 - Definitions of distresses encountered on flexible pavements and in-depth discussions on their potential causes and recommended steps to prevent their occurrence — It is believed that a good understanding of the causes and remedies of the distresses observed on a specific flexible pavement section would lead to the selection of the appropriate treatment.
 - Characterization of traffic loads which play a critical role in the structural design of flexible pavements — They dominate the stresses generated at all levels and under all climatic conditions within the flexible pavement structure.
 - Pavement design process of the selected appropriate treatment — In the case of a new road, the only logical treatment is a new design, while for an existing road, the appropriate treatment depends on the encountered distresses and may include:

overlay over the existing pavement, coldmill and overlay, or overlay over cold in-place recycled portion of the existing AC layer.

- Implementation of an effective pavement preservation program to ensure that the designed and constructed flexible pavement will perform at a high level of service throughout its design life — The responsibility of the pavement design engineer continues beyond the structural design through the selection of an effective surface treatment and the appropriate time for its application.

Tasks to Be Completed under the 2018-2020 Agreement

Task A: Develop Surface Seal Design and Construction Guide

Due to lack of funding, CCPW has to rely heavily on pavement maintenance activities to maintain the overall pavement condition within Carson City at a Fair level, i.e., pavement condition index (PCI) rating of 65. Maintenance strategies are typically applied to pavements that are in good condition and are only in need of surface treatments to preserve the current condition of the pavement and/or to slow down the rate of deterioration. Maintenance strategies include crack filling, fog seals, slurry seals, microsurfacing, chip seals, patching, and cape seals. The success of these applications is based upon applying the right treatment at the appropriate time in the life of the pavement. Furthermore, materials selection, specifications, and construction procedures have a significant effect on the performance of these preservation techniques.

However, the performance of these treatments is highly dependent upon proper mix design, quality construction specifications, and quality assurance procedures. Although specifications and construction guidelines currently exist, they are generic in nature or have not been updated to reflect the latest available emulsions, procedures and practices. Following existing specifications and guidelines may not necessarily lead to quality construction products on Carson City roadways. As such, current specifications and construction quality assurance programs need to be reviewed and updated to include the state-of-the-art practices.

Therefore, the purpose of this task is to establish a surface seal design and construction guide that would provide CCPW with an optimal process for selecting and implementing pavement preservation. The guide will be tailored for Carson City needs and conditions. It is anticipated that the following items will be addressed in this guide:

- Evaluation of Existing Pavement Condition.
- Surface seal Selection
- Materials.
- Mix Design and Verification.
- Climate and Surface Preparation.
- Equipment and Inspection.
- Test Strip Requirements.
- Opening to Traffic and Post Construction Monitoring.
- Quality Assurance.

The information will be disseminated to CCPW staff through a series of periodic brown-bag lunches that will be organized during the performance period of the project. This will give CCPW the opportunity to provide feedback and input with respect to the guide content based on CCPW needs and experience during the development period of the guide.

Typically, the cost to implement the recommended findings will be minor in comparison to the construction costs of the treatments. However, the savings can be significant if the developed guide can reduce or eliminate premature failures and increase treatment performance life. In many instances, a premature failure leads to additional costs to the Agency in order to mitigate the failure. For example, if the premature failure is the result of an over application of asphalt binder or emulsion, bleeding may occur resulting in a significant cost to correct. In another instance, if the premature failure is a result of dust-coated aggregates, the entire treatment may have to be removed and replaced. If an effective QA program is not in place to identify and capture such issues, CCPW may be responsible for the removal and repair costs of such maintenance activities.

The total cost for this task over the 2-year period will be \$40,000.

Task B: Technical Assistance to Update and Improve Paver Database

The objective of this task is to; assist CCPW with refining and updating the CCPW PAVER user manual; assist CCPW in updating work families and work types; and to develop a distress maintenance policy for selection of maintenance and rehabilitation treatment activities based on existing pavement condition, traffic level, and available funds. The distress maintenance policy aims at providing CCPW with a tool to assist in planning roadway pavement improvements by properly matching the maintenance and/or rehabilitation activity with the pavement condition. The implementation of the distress maintenance policy requires a continuous update of the PMS database with new work families and work types.

The total cost for this task over the 2-year period will be \$10,000.

Task C: Asphalt Concrete Mix Type Selection Guide

Selecting the most appropriate flexible pavement structural materials is a unique process for each project that will lead to good pavement performance. For many projects, just the asphalt concrete surface mix has to be selected. However, for new construction and major rehabilitation, other materials have to be considered including borrow, base, recycling methods (cold in-place, and full depth reclamation) and binders/modifiers for use with recycling methods. The objective of this materials selection guide is to provide guidance for engineers designing, specifying and approving flexible pavement structural materials, giving due consideration to project specific conditions. New, major rehabilitation, and overlay or mill and overlay construction will be treated separately identifying optional materials and scenarios in which the materials should or should not be considered. A significant portion of the guide will focus on selection of asphalt concrete mixes giving consideration to:

- Physical location of the mixture defined by functional classification (e.g., arterial, collector, residential roads) and expected traffic level and type.
- Location of the mixture in the pavement structure (surface course or underlying layer).

- Mixture use including for new construction, rehabilitation/overlay, or patching and the existing pavement condition if the use is an overlay.
- Mixture design options including nominal maximum aggregate size (NMAS), asphalt binder type, allowable recycled asphalt pavement (RAP) content, compaction level (75 versus 50 blow versus Superpave 50 gyrations) and design air void level (4 versus 3%).

Making it possible to consistently and easily select the right mix type for the right project specific conditions will simplify the process for design engineers and reduce the potential for specifying mixture(s) that may not optimize pavement performance. For mix design alone, the 2016 RTC Washoe Orange Book Specification has 32 options for a design engineer to select from (2 NMAS x 2 asphalt binder types x 2 RAP levels x 2 Marshall mix design compaction blow levels x 2 Marshall mix design air void levels = 32 options). This will be simplified and optimized with development and implementation of the mix type selection guide. Similarly options and appropriate scenarios will be simplified for base and recycling method selection.

This task will be completed under a joint effort among the Washoe Regional Transportation Commission (Washoe RTC), the Carson City Public Works (CCPW), and the Douglas County Public Works (DCPW). The goal is develop a common mix type selection guide that can effectively be implemented by all three agencies. The total cost for the development of the guide over the 2-year period will be shared by the three agencies as follows: Washoe RTC-\$60,000, CCPW- \$30,000 and DCPW-\$30,000.

FACILITIES

The proposed research will be conducted at the PES Program on the UNR campus. The PES Program is a nationally recognized teaching and research area in the College of Engineering. The Harry Reid Engineering Laboratory at UNR is a fifty thousand square foot facility which was officially opened during fall 1991. The PES laboratories occupy parts of the first and second floors and are fully *accredited and certified by the AASHTO re:source* (<http://www.aashtoresource.org/aap/accreditation-directory>; Name: **WRSC University of Nevada, Reno**). The laboratory employs a full-time research engineer with strong background in both highway materials testing and electronics. He is responsible for maintaining the AASHTO accreditation requirements and for training other laboratory personnel. The current capabilities of the PES laboratory in the area of asphalt binders and mixtures testing span over a wide range of testing procedures and equipment.

BIOGRAPHY OF PES FACULTY

Elie Y. Hajj, UNR, Associate Professor, (775) 784-1180, elieh@unr.edu

Dr. Elie Y. Hajj has over 16 years of experience in academia and industry with an emphasis on asphalt pavement technologies. He authored/co-authored over 100 publications in journals, national and international conferences, and technical reports. He made more than 100 presentations in professional meetings, conferences, and workshops. He served as a PI on multiple projects for FHWA, FAA, State DOTs, local governments, etc. Dr. Hajj is currently the PI for several projects such as FHWA Contract No. DTFH6114C00044 Enhanced Predictions of Vehicle Fuel Economy and Other Vehicle Operating Costs (\$1.55M), FHWA Contract No. DTFH6113C00014 Analysis Procedures for Evaluating Superheavy Load Movement on Flexible

Pavements (\$300K), NDOT/ FHWA Contract No P715-15-050 Chip Seal, Micro Surfacing, Slurry Seal and Thin Lift Asphalt Overlay Construction Best Practices (\$185K). He is also serving as the UNR-PI on NCHRP 09-58 The Effects of Recycling Agents on Asphalt Mixtures with High RAS and RAP Binder Ratios (\$300K), and the Co-PI and PM on FDOT BE 321 Structural Coefficient for High Polymer Modified Asphalt Mixes (\$248K).

Dr. Hajj is currently a member of AAPT, ISAP, and three TRB Committees. He is chairing the TRB AFK50 committee: “Structural Requirements of Asphalt Mixtures,” and the ISAP APE international Working Group 1: “Hot Recycling.” Dr. Hajj served on the advisory board of the international research project ALLBACK2PAVE: “Toward a sustainable 100% recycling of reclaimed asphalt in road pavements,” led by Technische Universität Dresden in Germany, together with the University of Nottingham in the UK and University of Palermo in Italy. He is currently an associate editor for the International Journal of Pavement Engineering (IJPE). Dr. Hajj provided technical review service for multiple national and international journals and granting agencies (e.g., NSF, Ministry of Science and Innovation-New Zealand). Dr. Hajj was recently featured in the national Asphalt Institute Magazine (“ASPHALT”) as a leading educator in the field of asphalt technology and important industry issues. Dr. Hajj was a staff member of the Nevada Transportation Technology Transfer (T2) Center that was housed at UNR.

Adam J.T. Hand, UNR, Associate Professor, (775) 784-1439, adamhand@unr.edu

Dr. Adam J.T. Hand has over 30 years of experience in industry and academia having worked for both general and heavy civil contractors, as well as two universities with leading pavement and materials programs. His management experience in construction has included multiple vertical construction projects, heavy civil individual business unit, engineering services group, forensic investigation teams, APD project design teams, and corporate roles with matrix reporting structure and staff across the country of up to 250 people with multi-billion dollar budgets. In addition to formal education, Dr. Hand experienced several business management and leadership programs for managers and executives including Gallup Great Manager, Executive Supervisory Program, Leveraging Talent in Teams, Lean, Six Sigma. These were each 3 month to 1 year programs. He has served as a technical expert for multiple claims, disputes and trials providing depositions or testimony for arbitrations, dispute resolution boards, and trials. In the VP Quality Management role at Granite Construction Inc. he had responsibility for over a dozen AMRL accredited labs in vertically integrated businesses in the Western US with annual budgets up to \$15M. He also had APD heavy civil project QM responsibility across the country with individual projects having up to \$75M QM budgets.

Dr. Hand has served as a PI or Co-PI on multiple projects for NCHRP, FHWA, State DOTs (including Pooled Fund Study), and local governments. He is currently the PI for several projects such as NCHRP 10-100 Procedures and Guidelines for Validating Contractor Test Data (\$300K). Dr. Hand is an active member of the technical community having delivering over 100 invited presentations and with over 75 publications. He is a member of ASCE, ASTM, ASQ, AAPT, NAPA, and NSPE. He serves on the board of directors for AAPT, Greenroads Foundation, and the Nevada State Public Works Board, as well technical committees including 3 TRB, 2 NAPA, AAPT, NCHRP, and the FHWA Asphalt Mixture and Construction ETG.

Peter E. Sebaaly, UNR, Professor & Director of WRSC, (775) 784-6565, psebaaly@unr.edu

Dr. Sebaaly is currently working on several projects on the development of new-engineered materials to enhance durability and sustainability of asphalt pavements and the incorporation of these materials into design methods and specifications for pavement maintenance, rehabilitation,

and construction. Dr. Sebaaly was the PI for the Asphalt Research Consortium (ARC) at UNR. The ARC was funded through the 2005 SAFETEA-LU Highway Bill Authorization and was conducted over the period of 2006-2014. As part of the ARC activities, the UNR team conducted research in the areas of: modeling of vehicle-pavement interactions, hot and cold recycling of asphalt pavements, designing asphalt pavements to resist non-standard heavy loads, improving the thermal behavior of asphalt pavements, and evaluating the performance of warm mix asphalt.

Through his role as the Director of the Western Regional Superpave Center (WRSC), Dr. Sebaaly works extensively with Highway Agencies to effectively move research products into practices to extend the performance life of AC pavements and reduce their associated life cycle costs. Another area where Dr. Sebaaly has made significant contributions is the cold in-place recycling (CIR) of AC pavements. He developed a Superpave-based mix design for CIR mixtures and is currently developing performance-based construction specifications. Under his directorship, the PES Program has grown to a sizeable research, teaching, and training program. It continuously supports 4-5 full time research professionals and 12-15 graduate students working on various research projects. The program is well known for its high quality and thorough research activities in road materials analyses and designs. Dr. Sebaaly is a member of the TRB and the University Representative, the ASTM, the AAPT, and ISAP.



STAFF REPORT

Report To: The Carson City Regional Transportation Commission (RTC)

Meeting Date: August 8, 2018

Staff Contact: Lucia Maloney, Transportation Manager

Agenda Title: (For Possible Action) To approve submittal of Carson City's 2018 Bicycle Friendly Communities renewal application.

Staff Summary: The League of American Bicyclists is accepting applications for a Bicycle Friendly Community designation for their fall application cycle. Staff is seeking approval to submit an application.

Agenda Action: Formal Action/Motion

Time Requested: 5 minutes

Proposed Motion

Move to approve submittal of Carson City's 2018 Bicycle Friendly Communities renewal application.

Background/Issues & Analysis

There have been a number of bicycle-related improvements throughout the City since its Bronze-level Bicycle Friendly Community designation in 2014. The League of American Cyclists' Bicycle Friendly Community (BFC) program focuses on five categories for scoring: engineering, education, encouragement, enforcement, and evaluation and planning.

The BFC program provides a roadmap to improving conditions for bicycling and guidance to help make a community's vision for a better, bikeable community a reality. There is no single route to becoming a Bicycle Friendly Community; the program was developed to allow each community to capitalize on its own unique strengths. Key benchmarks that define the BFC award levels are included in the attached BFC infographic (source: bikeleague.org).

Applicable Statute, Code, Policy, Rule or Regulation

N/A

Financial Information

Is there a fiscal impact? Yes No

If yes, account name/number:

Is it currently budgeted? Yes No

Explanation of Fiscal Impact:

Alternatives

Not to submit the 2018 Bicycle Friendly Communities Application

Supporting Material

- Application Cover Letter
- BFC Infographic
- Community Support Letters

Board Action Taken:

Motion: _____

1) _____

2) _____

Aye/Nay

(Vote Recorded By)



CARSON CITY NEVADA

Consolidated Municipality and State Capital

PUBLIC WORKS

August 9, 2018

Lucia Maloney, PMP
Transportation Manager
Carson City Public Works Department
3505 Butti Way
Carson City, NV 89701

Ms. Amelia Neptune, Director
Bicycle Friendly America Program
League of American Bicyclists
1612 K Street NW, Suite 800
Washington, DC 20006

Dear Ms. Neptune,

Carson City is pleased to submit an application for consideration to improve our current Bicycle Friendly Community (BFC) designation to Silver. Over the past few years, Carson City has made great strides in creating a more bicycle friendly environment.

The City has created a Bicycle Advisory Committee that meets on a quarterly basis and derives inputs from citizens and stakeholders regarding issues such as grant opportunities, future developments, and bicycle-friendly ordinances.

Carson City has continued to improve its connectivity of on- and off-street bike paths, most recently receiving a Transportation Alternatives Program grant to connect the Edmonds Regional Sports Complex to the City's regional pathways system and provide an alternative route to residents. This path is directly related to the updated Unified Pathways Master Plan, noting overarching goals to encourage residents to use biking for transportation and recreation.

The City has hosted training classes such as a League Cycling Instructor (LCI) seminar and has sponsored certification of interested cyclists. Carson City continues to promote bicycling within the community and to increase the number of certified bicycle safety instructors.

In addition, Carson City has improved its focus on engineering for bicycles and pedestrians, providing education for motorist awareness, ongoing coordination with stakeholders to mainstream bicycling skills, promoting safety, protecting bicyclists rights, and setting performance targets for planning and programming.

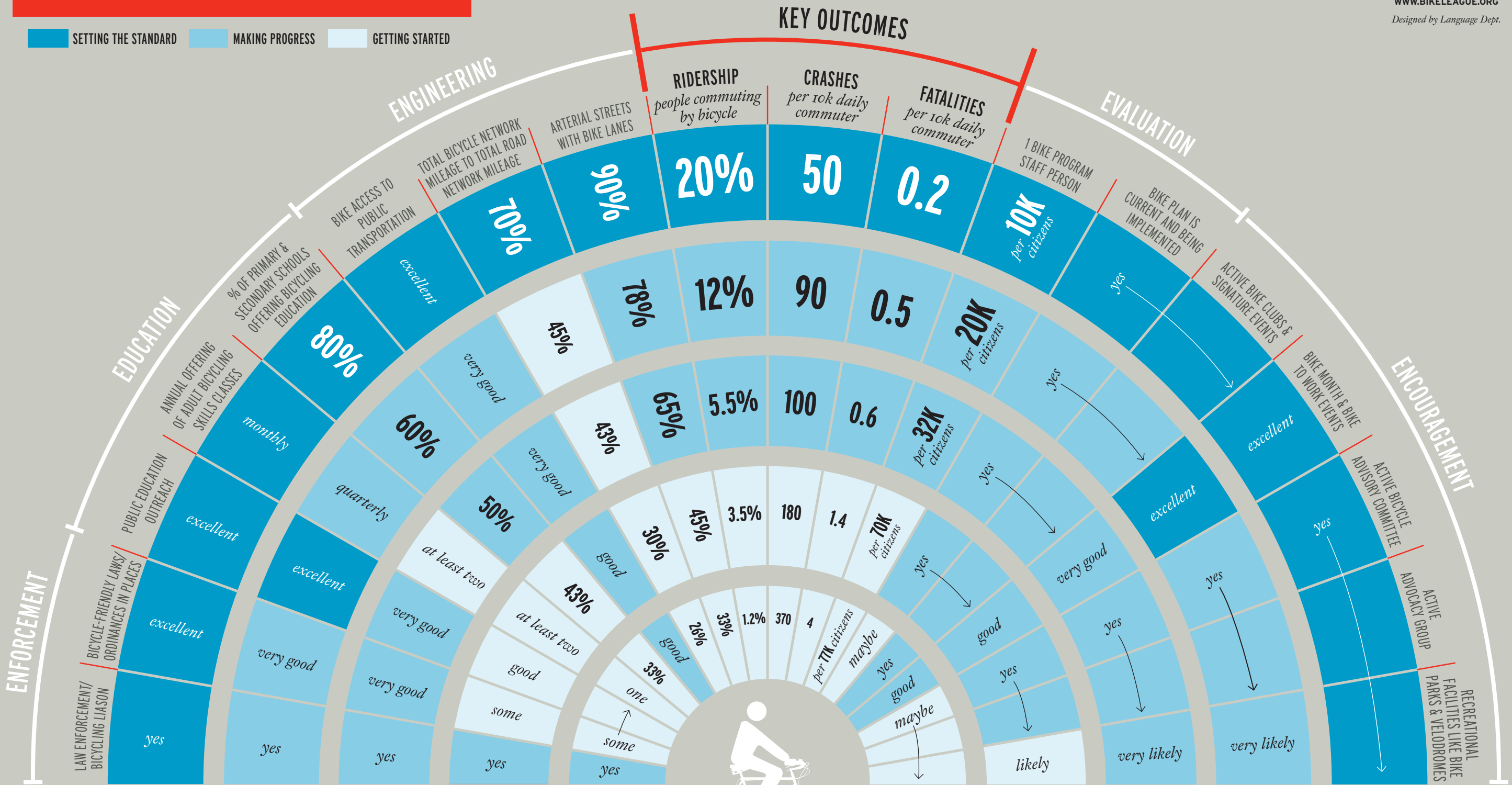
We look forward to hearing your decision regarding our application. If you should require more information, please feel free to contact me by phone at 775-283-7396 or email at LMaloney@carson.org.

Kind regards,

Luca Maloney, PMP
Transportation Manager

THE BUILDING BLOCKS OF A BICYCLE FRIENDLY COMMUNITY

produced by
THE LEAGUE
 OF AMERICAN BICYCLISTS
 WWW.BIKELEAGUE.ORG
 Designed by Language Dept.



There's no single route to becoming a Bicycle Friendly Community. In fact, the beauty of the BFC program is the recognition that no two communities are the same and each can capitalize on its own unique strengths to make biking better. But, over the past decade, we've pored through nearly 600 applications and identified the key benchmarks that define the BFC award levels. Here's a glimpse at the average performance of the BFCs in important categories, like ridership, safety and education.

Brian Sandoval
Governor



James M. Wright
Director

Amy Davey
Administrator

Office of Traffic Safety

107 Jacobsen Way
Carson City, NV 89711
Telephone (775) 684-7470 • Fax (775) 684-7482

July 23, 2018

Lucia Maloney, PMP
Transportation Manager
Carson City Public Works Department/
Carson Area Metropolitan Planning Organization
3505 Butti Way
Carson City, NV 89701

Ms. Maloney,

The Office of Traffic Safety supports Carson City in submitting its Bicycle Friendly Communities application. The designation of a Bicycle Friendly Community would raise awareness of the motoring public and help to reduce the number of potential vehicle-bicycle conflicts. The Office of Traffic Safety appreciates the City's ongoing efforts to engage the community through recurring public events. Recently completed and ongoing roadway improvement projects, serve as an example of how safety for Nevada's most vulnerable road users are a priority in Carson City.

Sincerely,

A handwritten signature in blue ink that reads "Amy Davey".

Amy Davey,
Administrator, Office of Traffic Safety



RON WOOD FAMILY RESOURCE CENTER

~~~~~  
2621 Northgate Lane  
Suite 62  
Carson City, NV 89706  
(775) 884-2269 - Phone  
(775) 884-2730 - Fax  
www.carson-family.org  
~~~~~

July 24, 2018

~~~~~  
**BOARD OFFICERS**

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Linda Allen  
*Secretary/Treasurer*

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Joyce Buckingham

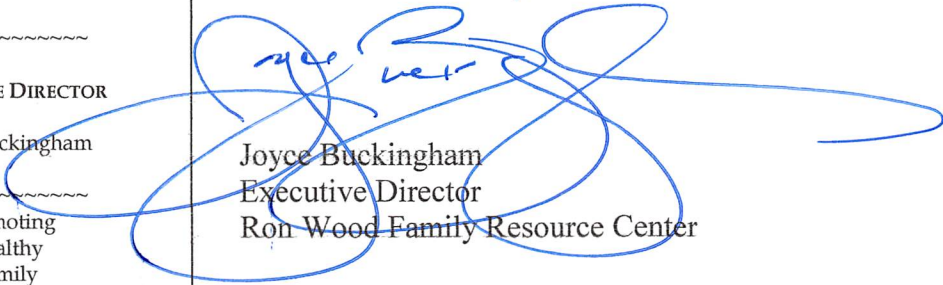
~~~~~  
Promoting
Healthy
Family
Relationships
Through
Education
& Support Services
~~~~~

Lucia Maloney, PMP  
Transportation Manager  
Carson City Public Works Department  
3505 Butti Way  
Carson City, NV 89701

Dear Lucia:

The Ron Wood Family Resource Center supports Carson City in submitting its application to the League of American Bicyclists Bicycle Friendly America program. The mission of the Ron Wood Family Resource Center is to create a lasting community-wide cooperative effort between the private sector and governmental agencies to promote healthy family relationships through education and support services. The designation of a Bicycle Friendly Community would call attention to this excellent mode of transportation and opportunity for recreation. Bicycling can serve as one of many tools to inspire families to spend time together and pursue new adventures in recreational opportunities.

Sincerely,

  
Joyce Buckingham  
Executive Director  
Ron Wood Family Resource Center

Muscle Powered  
PO Box 2402  
Carson City, NV 89702

July 23, 2018

To: Amelia Neptune, Bicycle Friendly America Director  
League of American Bicyclists  
1612 K Street NW, Suite 1102  
Washington, DC 20006



Dear Ms. Neptune;

On behalf of Muscle Powered, I am writing in support of Carson City's application as a Silver Level Bicycle Friendly Community. As a resident and bicycle advocate, I have personally witnessed the growing bike culture in the community, and have been overwhelmed at the support the community has displayed.

Forward-thinking leadership has been at the helm of several bicycle and pedestrian-friendly infrastructure projects, and several more are scheduled to begin soon. Since Carson City was awarded the Bronze Level BFC four years ago, the entire community has wholeheartedly embraced the cycling culture and positive changes continue to be made. From bike lanes to single track trails, Carson City has been a force for good when it comes to cycling, both for transportation and recreation.

Bicycle friendly infrastructure has been a priority for the Carson City municipality with major Complete Streets projects (both completed and planned) including road diets, protected bike lanes, bicycle parking facilities, a public bicycle maintenance stand outside City Hall, several miles of multi-use paved paths for cyclists and pedestrians, and new attitude from the people of Carson City toward active transportation.

Please accept this letter of support for Carson City's Silver Level Bicycle Friendly Community application. The endorsement of the League of American Bicyclists will go a long way toward legitimizing the efforts of a large number of volunteers and City staff in our community.

Sincerely,

A handwritten signature in black ink, appearing to read "Randy Gaa", with a horizontal line extending to the right.

Randy Gaa  
President, Muscle Powered

July 20, 2018

Ronni Hannaman, Executive Director  
Carson City Chamber of Commerce  
1900 South Carson Street, Suite 200  
Carson City, NV 89701

Lucia Maloney, Transportation Manager  
Carson City Public Works Department  
3505 Butti Way  
Carson City, NV 89701

Dear Lucia:

During the past few years, I have witnessed that Carson City has become even more of a bicycle friendly community.

We just finished the third year of hosting Epic Rides, thus cementing our designation as a bicycle friendly community. During our revitalization of the downtown core, we have installed multiple bike racks and redesigned our streets to add bicycle lanes, thereby encouraging more bicycle traffic.

The Carson City Chamber of Commerce continues to support your department in submitting the application to the League of American Bicyclists Bicycle Friendly America program naming us a bicycle friendly community.

Many local businesses are fully in support of the bicycle community shepherded by Muscle Powered and the City.

Bicycles are a healthy alternative to automobiles and a great way to exercise while seeing sights one misses otherwise. We contend the designation as a Bicycle Friendly Community would encourage an even healthier local economic vibrancy, most especially in the revitalized downtown core, thus encouraging residents and visitors to patronize local businesses.

Sincerely,

Ronni Hannaman  
Executive Director





## STAFF REPORT

**Report To:** The Carson City Regional Transportation Commission (RTC)

**Meeting Date:** August 8, 2018

**Staff Contact:** Lucia Maloney, Transportation Manager

**Agenda Title:** **(For Information Only)** Information on Fiscal Year (FY) 2018 transportation activities.

**Staff Summary:** Carson City's FY 2018 ended on June 30, 2018. Staff will present a summary of FY 2018 transportation activities and accomplishments.

**Agenda Action:** Other/Presentation

**Time Requested:** 5 minutes

### **Proposed Motion**

N/A

### **Background/Issues & Analysis**

Carson City transportation division consists of five full time employees (FTEs), including the Transportation Manager, Senior Transportation Planner, Transportation Planner, Transit Coordinator, and Bicycle and Pedestrian Coordinator. These staff are primarily responsible for identifying and pursuing competitive funding opportunities and supporting implementation of capital projects. This report summarizes FY 2018 activities and accomplishments for those primary areas of responsibility. Staff also operates and maintains the Jump Around Carson (JAC) transit system; an informational update was provided to RTC in June 2018 on the JAC transit system so an additional summary is not included here.

### **Grant Application Summary**

Transportation staff developed and submitted ten competitive grant applications during FY 2018 for projects totaling \$25,717,246. Of the \$13,737,964 grant funds requested, Carson City was awarded \$13,540,195. Excluding the South Carson Street Complete Streets Project, which utilizes match funding from non-RTC funds, \$465.5k in RTC match funding was leveraged to fund \$6.4M in current and upcoming transportation projects. Additional information is contained in the FY 2018 RTC Grant Application/Award Summary.

### **Capital Projects Summary**

Ongoing progress of transportation projects is tracked and reported monthly as a Project Status Report within the RTC Board packets. Twenty-three transportation projects were included in the project status reports during FY 2018. See attached FY 2018 Transportation Project Map for additional information.

### **Applicable Statute, Code, Policy, Rule or Regulation**

N/A

**Financial Information**

Is there a fiscal impact?  Yes  No

If yes, account name/number:

Is it currently budgeted?  Yes  No

Explanation of Fiscal Impact:

**Supporting Material**

-FY 2018 RTC Grant Application/Award Summary

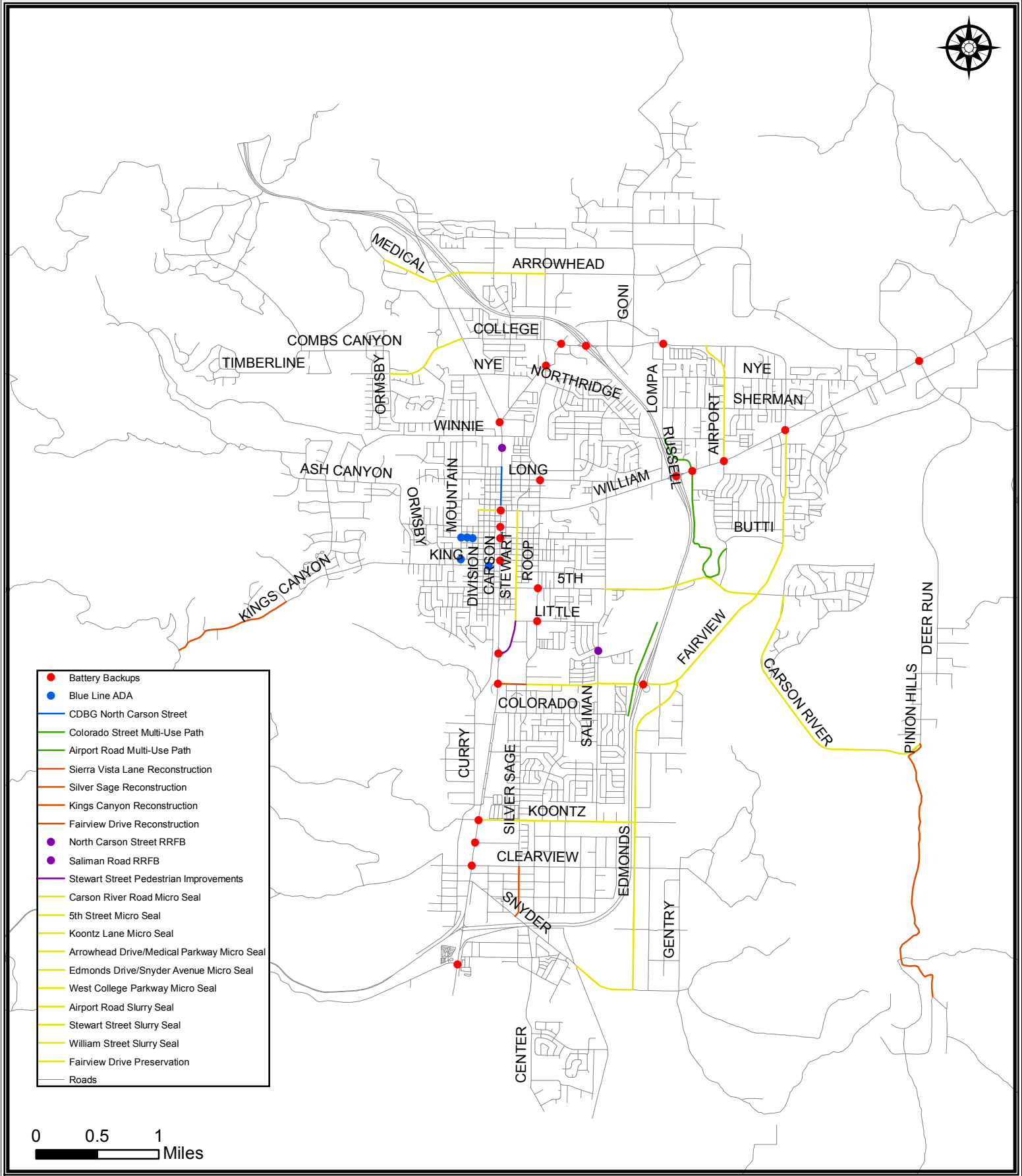
-FY 2018 Transportation Project Map

### FY 2018 Regional Transportation Commission (RTC) Grant Application/Award Summary

| Funding Source                                                                       | Project Name                                                                               | Grant Application   |                     |                     | Grant Awarded                       |                     |                     |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------|---------------------|---------------------|-------------------------------------|---------------------|---------------------|
|                                                                                      |                                                                                            | Total Project Cost  | Requested           | Match               | Total Project Cost                  | Award Amount        | Match               |
| Community Development Block Grant (CDBG)                                             | ADA Improvements on North Carson St from John to Bath                                      | \$79,319            | \$79,319            | \$0                 | \$147,871                           | \$147,871           | \$0                 |
| U.S. DOT - Transportation Investment Generating Economic Recovery (TIGER IX) FY 2017 | Carson City Gateway: South Carson Street Complete Streets                                  | \$18,957,539        | \$7,570,202         | \$11,387,337        | \$18,957,539                        | \$7,570,202         | \$11,387,337*       |
| Federal Transit Administration (FTA) 5339(b) Discretionary                           | Replacement of two (2) fixed route vehicles for the Jump Around Carson (JAC) transit fleet | \$639,256           | \$447,480           | \$191,776           | \$639,256                           | \$447,480           | \$191,776           |
| Community Development Block Grant (CDBG)                                             | College Parkway ADA Improvements                                                           | \$260,892           | \$260,892           | \$0                 | \$260,892                           | \$260,892           | \$0                 |
| Nevada Aging and Disability Services Division (ADSD)                                 | Senior Citizens Senior Bus Pass Program                                                    | \$57,500            | \$50,000            | \$7,500             | \$62,500                            | \$55,000            | \$7,500             |
| Federal Lands Access Program (FLAP)                                                  | Kings Canyon Trailhead Improvement and Roadway Reconstruction Project                      | \$2,851,900         | \$2,709,305         | \$142,595           | \$3,707,000                         | \$3,521,650         | \$185,350           |
| <b>Awarded Grants Total</b>                                                          |                                                                                            | <b>\$22,846,406</b> | <b>\$11,117,198</b> | <b>\$11,729,208</b> | <b>\$23,775,058</b>                 | <b>\$12,003,095</b> | <b>\$11,771,963</b> |
| Transportation Alternatives Grant (TAP)                                              | Carson City Freeway Corridor Multi-Use Path Project                                        | \$1,618,000         | \$1,537,100         | \$80,900            | Tentative Award from NDOT, May 2018 |                     |                     |
| <b>Pending Grants Total</b>                                                          |                                                                                            | <b>\$1,618,000</b>  | <b>\$1,537,100</b>  | <b>\$80,900</b>     | <b>\$1,618,000</b>                  | <b>\$1,537,100</b>  | <b>\$80,900</b>     |
| Transportation Alternatives Grant (TAP)                                              | Western NV Safe Routes to Schools                                                          | \$785,945           | \$746,648           | \$39,297            | Application Rescinded, May 2018     |                     |                     |
| State of Nevada Recreational Trails Program (RTP)                                    | South Carson Street Multi-Use Path Extension                                               | \$370,518           | \$259,917           | \$100,601           | Not Awarded                         |                     |                     |
| State of Nevada Recreational Trails Program (RTP)                                    | Linear Park Multi-Use Path Rehabilitation Project                                          | \$96,377            | \$77,101            | \$0                 | Not Awarded                         |                     |                     |
| <b>Non-Awarded Grants Total</b>                                                      |                                                                                            | <b>\$1,252,840</b>  | <b>\$1,083,666</b>  | <b>\$139,898</b>    | <b>\$0</b>                          | <b>\$0</b>          | <b>\$0</b>          |
| <b>Total**</b>                                                                       |                                                                                            | <b>\$25,717,246</b> | <b>\$13,737,964</b> | <b>\$11,950,006</b> | <b>\$25,393,058</b>                 | <b>\$13,540,195</b> | <b>\$11,852,863</b> |
| <b>Total Excluding TIGER**</b>                                                       |                                                                                            | <b>\$6,759,707</b>  | <b>\$6,167,762</b>  | <b>\$562,669</b>    | <b>\$6,435,519</b>                  | <b>\$5,969,993</b>  | <b>\$465,526</b>    |

\*Local match includes RTC, \$0.08 Infrastructure, Stormwater, and other State/Local funds

\*\*Excludes \$1,093,000 Surface Transportation Block Grant apportionment set-aside, requiring 5% local match



# Fiscal Year 2018

## Capital Projects

### Carson City, NV



Carson City, NV makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.  
Source: sde\_carson.sde/Road Facilities



## STAFF REPORT

**Report To:** The Carson City Regional Transportation Commission (RTC)

**Meeting Date:** August 8, 2018

**Staff Contact:** Lucia Maloney, Transportation Manager

**Agenda Title:** **(For Possible Action)** To approve a Federal Lands Access Program (FLAP) project Memorandum of Agreement that documents the responsibilities for the development, construction, and future maintenance of Kings Canyon Road from the Kings Canyon Stream Crossing to the Kings Canyon Trailhead Parking Lot, approximately 0.73 miles.

**Staff Summary:** The FLAP grant Memorandum of Agreement identifies and assigns certain responsibilities between the Central Federal Lands Highway Division (CFLHD), Carson City, and the US Forest Service – Humboldt-Toiyabe National Forest (USFS). The project includes roadway reconstruction and widening along a 0.73 section of Kings Canyon Road, Kings Canyon Trailhead facilities expansion, and related stormwater improvements.

**Agenda Action:** Formal Action/Motion

**Time Requested:** 10 minutes

### **Proposed Motion**

Move to approve the proposed Federal Lands Access Program (FLAP) project Memorandum of Agreement that documents the responsibilities for the development, construction, and future maintenance of Kings Canyon Road from the Kings Canyon Stream Crossing to the Kings Canyon Trailhead Parking Lot, approximately 0.73 miles.

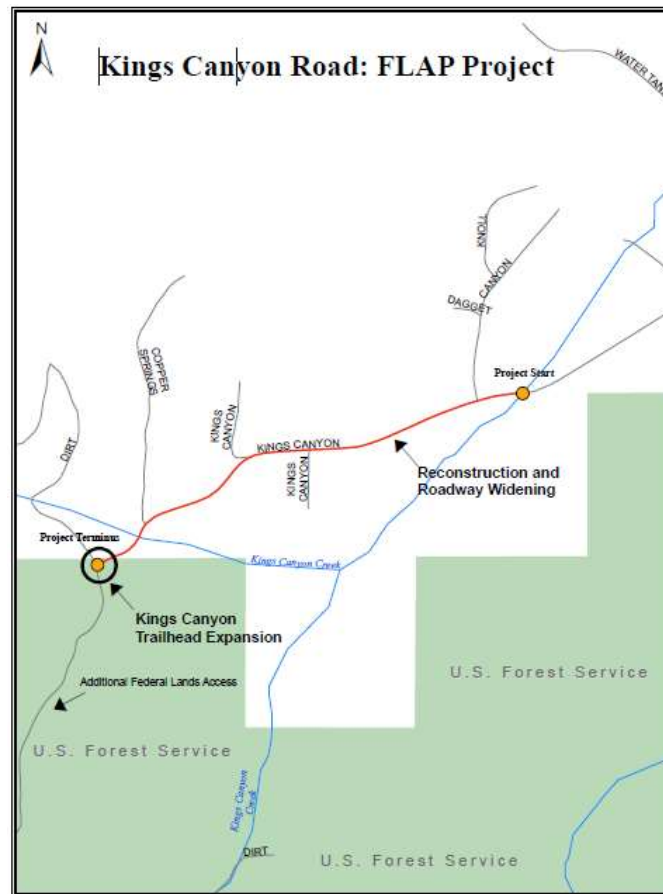
### **Background/Issues & Analysis**

The purpose of this project is to improve roadway safety and increase parking capacity at a high use trailhead. The roadway is narrow and in very poor condition. Undersized drainage facilities & annual flooding create hazards, which attribute to road and trailhead deterioration, and contributes to non-point pollution. The parking area is routinely over flowing with vehicles, forcing visitors to park along a narrow road leading to the trailhead, creating emergency response concerns. The project will serve city residents and visitors.

The project reconstructs a 0.73-mile segment of road, which includes widening, allowing for 11-foot lanes, a 4-foot WB (uphill) bike lane, 2-foot EB shoulder, stripping, signage, and adequately sized drainage swales and culverts. Culverts will be installed at stream crossings, driveways, and road intersections. Trailhead improvements will be completed on the existing parking area and include the construction of a new parking area with bathroom facilities. Drainage facilities at the trailhead will reduce storm water from being conveyed down the road.

The Memorandum of Agreement documents the intent of the parties and sets forth the anticipated responsibilities of each party in the development, construction, and future maintenance of the subject project. The purpose of the Agreement is to identify and assign responsibilities for the environmental analysis, design,

right-of-way, utilities, acquisition and construction as appropriate for this programmed project, and to ensure maintenance of the facility for public use if improvements are made. Execution of this agreement commits Carson City to 5% of the total cost of the project, as detailed within the Memorandum of Agreement.



**Applicable Statute, Code, Policy, Rule or Regulation**

23 U.S.C 201 and 204

**Financial Information**

Is there a fiscal impact?  Yes  No

If yes, account name/number:

RTC Fund, Capital Projects/Construction Account / 250-3035-431.70-40

Funds will be transferred from:

\$150,350 - RTC Fund, Transportation Infrastructure Account / 250-3035-431.70-90

\$35,000 - Quality of Life – Open Space. Capital Projects/Construction Account/ 254-5047-452.70-40

*\$185,350 - Total Local Match*

Is it currently budgeted?  Yes  No

Explanation of Fiscal Impact:

In November 2017, Carson City RTC approved submittal of a grant application to the Federal Lands Access Program (FLAP) for trailhead, roadway, and drainage improvements between the Kings Canyon trailhead and just east of the Canyon Drive and Kings Canyon Road intersection. After Central Federal Lands conducted project scoping and a site visit in May 2018, the statement of work and project cost was modified, thereby increasing the award amount to \$3,707,000 and the 5% minimum match requirement from \$150,000 to \$185,350. Carson City Public Works has asked the Parks, Recreation & Open Space Department to assist in providing match funds for the trailhead improvements. The Open Space division is seeking authorization from the Open Space Advisory Committee (OSAC) at the Committee’s August 6<sup>th</sup> special meeting for \$35,000 to supplement RTC’s committed local match obligation for this project. Staff will provide an update to RTC on the outcomes of the August 6<sup>th</sup> OSAC meeting and fiscal implications for this project.

After the agreement is approved, a project number will be created and funds will be transferred into a designated project account.

**Supporting Material**

-FLAP project Memorandum of Agreement

-08.06.18 OSAC Agenda

**Board Action Taken:**

Motion: \_\_\_\_\_

1) \_\_\_\_\_

2) \_\_\_\_\_

Aye/Nay

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
(Vote Recorded By)

**FEDERAL LANDS ACCESS PROGRAM**  
**PROJECT MEMORANDUM OF AGREEMENT**  
**July 25, 2018**

**Project / Facility Name:** NV FLAP 39(1) Kings Canyon Road

**Project Route:** Kings Canyon Road

**State:** Nevada

**County:** Carson City (Consolidated Municipality)

**Owner of Federal Lands to which the Project Provides Access:** US Forest Service (Humboldt-Toiyabe National Forest)

**Entity with Title or Maintenance Responsibility for Facility:** Carson City, NV

**Type of Work:**

Preliminary Engineering: Environmental compliance, preliminary and final design, all necessary permits

Construction/Construction Contracting: Acquisition of construction contractor to perform work in accordance with the construction contract (plans, specifications, and estimate)

Construction Engineering: Administration of the construction contract

This Agreement does not obligate (commit to) the expenditure of Federal funds nor does it commit the parties to complete the project. Rather, this Agreement sets forth the respective responsibilities as the project proceeds through the project development process.

**Parties to this Agreement:** FHWA-Central Federal Lands Highway Division (CFLHD), Carson City, and US Forest Service - Humboldt-Toiyabe National Forest (USFS)

The Program Decision Committee approved this project on

6/21/18

\_\_\_\_\_  
Date

**AGREED:**

\_\_\_\_\_  
Brad Bonkowski  
Carson City Regional Transportation Chairman

\_\_\_\_\_  
Date

\_\_\_\_\_  
William A. Dunkelberger  
Forest Supervisor, Humboldt-Toiyabe National Forest

\_\_\_\_\_  
Date

\_\_\_\_\_  
Judy Salomonson  
Chief of Business Operations  
FHWA-CFLHD

\_\_\_\_\_  
Date



**FEDERAL LANDS ACCESS PROGRAM**  
**PROJECT MEMORANDUM OF AGREEMENT**

**July 25, 2018**

**A. PURPOSE OF THIS AGREEMENT**

This Agreement documents the intent of the parties and sets forth the anticipated responsibilities of each party in the development, construction, and future maintenance of the subject project. The purpose of the Agreement is to identify and assign responsibilities for the environmental analysis, design, right-of-way, utilities, acquisition and construction as appropriate for this programmed project, and to ensure maintenance of the facility for public use if improvements are made. The parties understand that any final decision as to design or construction will not be made until after the environmental analysis required under the National Environmental Policy Act (NEPA) is completed (this does not prevent the parties from assigning proposed design criteria to be studied in the NEPA process.) Any decision to proceed with the design and construction of the project will depend on the availability of appropriations at the time of obligation and other factors, such as issues raised during the NEPA process, a natural disaster that changes the need for the project, a change in Congressional direction, or other relevant factors.

If Federal Lands Access Program funds are used for the development or construction of this project, **Carson City** agrees to provide a matching share equal to not more than **5.0%** of the total cost of the project, as detailed more fully in Sections J and K below.

**B. AUTHORITY**

This Agreement is entered into between the signatory parties pursuant to the provisions of 23 U.S.C. 204.

**C. JURISDICTION AND MAINTENANCE COMMITMENT**

Carson City has jurisdictional authority to operate and maintain the existing facility and will operate and maintain the completed project at its expense.

**D. FEDERAL LAND MANAGEMENT AGENCY COORDINATION**

Carson City has coordinated project development with the US Forest Service - Humboldt-Toiyabe National Forest. The USFS support of the project is documented in the Nevada Federal Lands Access Program Project Application for this project submitted by Carson City to FHWA-Central Federal Lands Highway Division. Each party to this agreement who has a primary role in NEPA, design, or construction shall coordinate their activities with the USFS.

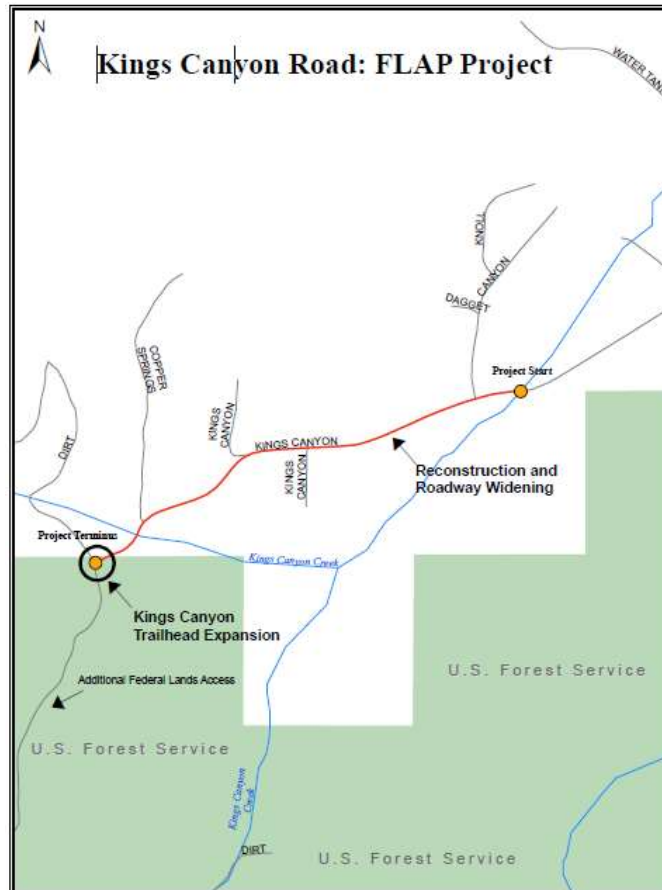
**E. PROJECT BACKGROUND/SCOPE**

**Project Purpose and Description:** The purpose of this project is to improve roadway safety and increase parking capacity at a high use trailhead. The roadway is narrow and in very poor condition. Undersized drainage facilities & annual flooding create hazards, which attribute to road and trailhead deterioration, and contributes to non-point pollution. The parking area is routinely over flowing with vehicles, forcing visitors to park along a narrow road leading to the trailhead, creating emergency response concerns. The project will serve city residents and visitors.

The project reconstructs a 0.73-mile segment of road, which includes widening, allowing for 11-foot lanes, a 4-foot WB (uphill) bike lane, 2-foot EB shoulder, stripping, signage, and adequately sized drainage swales and culverts. Culverts will be installed at stream crossings, driveways, and road

**FEDERAL LANDS ACCESS PROGRAM**  
**PROJECT MEMORANDUM OF AGREEMENT**  
**July 25, 2018**

intersections. Trailhead improvements will be completed on the existing parking area and include the construction of a new parking area with bathroom facilities. Drainage facilities at the trailhead will reduce storm water from being conveyed down the road.



**Typical Section and Alignment:** The existing roadway paved width is 18 to 23-ft width and existing bench width is 19 to 25-ft width. The proposed typical section is a 28-ft paved width consisting of two 11-ft lanes with one 4-ft paved shoulder for a bike lane and one 2-ft paved shoulder. The city requested a 1-ft aggregate shoulder to help with roadside maintenance. The 4-ft bike lane is proposed on the westbound side because the vertical profile of the road is a steady uphill grade from the east to the west. The 2-ft shoulder is proposed on the eastbound lane to allow for additional ditch capacity and the bicyclists should be able to match the speed of vehicles in the downhill direction.

Concrete curb is proposed on the west end of the project approaching the Waterfall Trailhead parking area. The purpose of the curb is to control drainage and restrict parking along the roadway.

The constraints of the Right of Way may not allow for construction of adequately sized access culverts and ditches.

The alignment will be designed to best fit within the Right of Way based on proposed ditch locations, existing utility poles and trees.

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**Waterfall Trailhead Parking Area:** The parking area will be expanded for approximately 30 car parking stalls (paved), 1 ADA parking concrete pad, 2 trailer parking stalls (gravel) and a vault toilet. An existing covered kiosk and existing interpretive plaque will be relocated. The final parking lot design and capacity will be determined during preliminary design.

**Driveway accesses and minor intersections:** There are 22 private accesses and 4 minor intersections along the route. The accesses will be replaced to the right of way with 3" asphalt concrete pavement over 6" aggregate base.

**Safety and Design Exceptions:** Safety improvements include reducing posted speed to 25 mph, bike lane, curb to restrict parking along the road, increased trailhead parking facilities, asphalt pavement safety edge, improved driving surface and 6 inch painted edge line.

Anticipated design exceptions:

- Clear zone obstructions for utility poles, trees, access culverts and mailboxes
- Substandard horizontal curves and horizontal sight distance
- Drainage roadside ditch capacity

**Pavement**

Preliminary pavement design is estimated to be 8-inches of full-depth reclamation (FDR) of the existing pavement and base. The FDR material will be spread to attain desired widening, while maintaining a minimum depth of 6-in of pulverized material to serve as a base for the asphalt concrete pavement surfacing. It is estimated that the design will require 3-in of asphalt concrete pavement. This structural section will match the city's standard for a roadway of this classification and will be verified during a field investigation.

**Right of Way**

The project is located on Carson City ROW. 24 private parcels are adjacent to this ROW. No private parcel acquisitions are anticipated in this project. Temporary construction easements (TCE) may be needed for construction of driveways. The corridor consists of a 60' ROW with a few wider areas. City will need an easement from the USFS at the parking lot on the western terminus of the project. Although no private property acquisition is anticipated, the Roles and Responsibilities for this action have been included below for reference and will be followed if acquisition of private property is needed for this project.

**Utilities**

Existing utilities include waterlines, overhead utilities for power, telecommunications and cable on shared utility poles. The alignment will be best fit to attempt to avoid relocations but 2 to 4 utility poles may require relocation or design exceptions for clear zone. 3 waterline valves and access boxes will need to be adjusted vertically to the proposed top of pavement. Existing utility easements will be investigated during design.

One existing 18" irrigation ditch crossing will need to be replaced in kind as part of this project.

**Survey**

The project will require ground survey and survey to identify the Right of Way for the 0.73 mile section and trailhead. Topography of 10-ft beyond the Right of Way is recommended.

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**PROJECT MEMORANDUM OF AGREEMENT**  
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**Geotechnical**

No Geotechnical Engineering is anticipated for this project.

**Hydrology/Hydraulics**

Existing drainage along the route consists of cross drainages, roadside ditches, access culverts and berms. The project proposes replacing in kind 2 existing cross drainages consisting of 36" culverts with concrete headwalls. 18" concrete pipe culverts with flared end sections or 6-ft wide concrete V-swailes are proposed for the drainage crossing of the driveway accesses. Additional drainage improvements including concrete curb, graded ditches, drop inlets with culverts systems, paved swales, rock check dams or other options will be determined during design.

Other 18" cross culverts will be removed or replaced depending on the proposed design of the roadside ditches and drainage control methods. The City recommends keeping the runoff within the Right of Way.

There are two main crossings along Kings Canyon Road and both carry Kings Canyon Creek. The first is a 36-inch metal pipe within a FEMA-regulated floodplain. There is a weir and irrigation intake upstream of the existing crossings. The second crossing is a 36-inch metal pipe with a gabion basket headwall and a perched outlet.

The proposed designs at the existing crossings will be similar in size and location and will maximize efficiency with sufficient end treatments. Coordination with the Carson City Floodplain Administrator will be necessary at the first crossing to ensure impacts to the regulated floodplain are minimized.

**Environment and Permits**

CFLHD will be the lead federal agency for NEPA. USFS and Carson City will assist with public outreach or notification. It is anticipated that a Categorical Exclusion will be used for the project. Cultural and Biological surveys will be completed for this project. Waters of the U.S. surveys were completed during scoping. It is anticipated that Informal Section 7 consultation or a No Effect determination will be completed. Section 106 consultation with the SHPO will be required because there are potential historic features in the vicinity of the project. Historic placard which describes the history of Borda Ranch is adjacent to the roadway. The existing roadway is along the original route of the Lincoln Highway. It is assumed that the project will have No Adverse Effect on historic properties. The project meets the terms and conditions of a Nationwide Permit 3 or 14, but will require a preconstruction notification for the culvert rehabilitation due to Regional Condition B(2)(a). If the project will result in greater than one acre of ground disturbance, the project will require an NPDES permit and a NOI for a Construction Stormwater General Permit coverage from the NDEP. A hiking trail is immediately upslope of the project where a cut slope is anticipated and the project will likely have to close the Kings Canyon Waterfall Trailhead during construction resulting in a 4(f) use.

**Construction**

It is anticipated the work can be completed in one construction season. Access to the private property owners and the trailhead must be maintained throughout construction. There is no alternative access to the houses along the route. The annual Epic bicycling event will need to be considered during construction.

**FEDERAL LANDS ACCESS PROGRAM**  
**PROJECT MEMORANDUM OF AGREEMENT**  
**July 25, 2018**

**F. PROJECT BUDGET**

| <b>Item</b>                                               | <b>Estimated Cost</b> | <b>Comments</b>       |
|-----------------------------------------------------------|-----------------------|-----------------------|
| Scoping                                                   | \$40,000              | Actual Costs          |
| Preliminary Engineering (PE) and Environmental Compliance | \$395,000             | Assuming no ROW costs |
| Construction Contract (CN)                                | \$2,660,000           |                       |
| Construction Engineering (CE)                             | \$346,000             |                       |
| Contingency                                               | \$266,000             | 10% of CN Contingency |
| <b>Total</b>                                              | <b>\$3,707,000</b>    |                       |

**G. ROLES AND RESPONSIBILITIES**

| <b>Responsible Party</b> | <b>Product/Service/Role</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Comments</b> |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| FHWA-CFLHD               | <ul style="list-style-type: none"> <li>• Develop and sign this Memorandum of Agreement</li> <li>• Manage project development schedule and preliminary engineering costs</li> <li>• Lead agency for all environmental compliance</li> <li>• Prepare and approve environmental documents and make project decisions based on the NEPA documents</li> <li>• Prepare right-of-way plans, legal descriptions, and other documents required for the Carson City Letter of consent/Highway Easement Deed (HED) and any private parcels to be acquired</li> <li>• Preliminary engineering towards the development of a PS&amp;E construction contract package</li> <li>• Obtain permits required for Federally constructed projects</li> <li>• Advertise and award the contract (Bids will not be solicited by FHWA-CFLHD until maintaining agency has concurred with the plans and specifications)</li> <li>• Construction engineering/administration of the construction contract</li> <li>• Potentially enter into a formal partnering work session and agreement with all parties involved</li> </ul> |                 |

**FEDERAL LANDS ACCESS PROGRAM**  
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| Responsible Party | Product/Service/Role                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Comments |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                   | <p>in the construction contract</p> <ul style="list-style-type: none"> <li>• Provide Project Engineer on site for construction administration</li> <li>• Determine the need for any proposed changes to contract documents, evaluate change impacts, coordinate technical reviews as needed, and ensure that the construction meets the requirements intended in the PS&amp;E</li> <li>• Ensure that the contractor will bear all expense of maintaining traffic, other than snow removal and normal state, county, and city maintenance work</li> <li>• Verify adherence to environmental documents</li> <li>• Set up and lead final inspection upon completion of construction</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |          |
| Carson City       | <ul style="list-style-type: none"> <li>• Review and sign this Memorandum of Agreement</li> <li>• Attend reviews and meetings</li> <li>• Provide in a timely manner available data including but not limited to traffic, accidents, material sources, construction costs, agreements, other technical data</li> <li>• Review and provide comments within two weeks of the environmental documents, plans, estimate, and specifications at each phase of design and provide project development support</li> <li>• Coordinate with FHWA-CFLHD on NEPA related issues</li> <li>• In coordination with the FHWA-CFLHD project manager, ensure that completed plans, specifications, and estimates (PS&amp;E) are consistent with the intended outcome</li> <li>• Acquire any required state permits prior to advertisement of the project</li> <li>• Provide ROW and utility information and coordination</li> <li>• Acquire ROW and TCEs if necessary. <b>No private property acquisition is anticipated.</b></li> <li>• <b>Letter of consent/Highway Easement Deed prior to construction</b></li> <li>• Complete value findings or appraisals for Fair Market Values</li> </ul> |          |

**FEDERAL LANDS ACCESS PROGRAM**  
**PROJECT MEMORANDUM OF AGREEMENT**

**July 25, 2018**

| Responsible Party | Product/Service/Role                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Comments |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                   | <ul style="list-style-type: none"> <li>• Prepare offers to landowners</li> <li>• Conduct ROW negotiations as necessary to acquire adequate rights from private</li> <li>• Complete all ROW activities prior to advertisement of the project</li> <li>• Sign CFLHD Right of Way Certification certifying that all rights on private property necessary to construct, operate, and maintain the road have been obtained.</li> <li>• Obtain all rights necessary to construct, operate, and maintain the facility</li> <li>• Provide overall direction regarding agency policy and administration for the project and concur with the final plans and specifications</li> <li>• Coordinate utility relocations if necessary per scope described above</li> <li>• Sign CFLHD Utility Certification</li> <li>• Develop a public information plan in coordination with CFLHD and the FLMA. Lead all public outreach needed for the project.</li> <li>• If required, enter into a formal partnering work session and agreement with all parties involved in the construction contract</li> <li>• Designate a representative who will be the primary contact for FHWA’s construction staff during construction</li> <li>• Consider proposed design changes, evaluate change impacts, and provide construction oversight as needed, ensuring that requests meet the requirements intended in the PS&amp;E</li> <li>• Attend a final inspection and approve and provide final acceptance upon completion of construction</li> <li>• Assume responsibility of the NPDES permit until the Notice of Termination is filed and accepted</li> <li>• Provide long term maintenance and operation of the project upon completion</li> </ul> |          |
| USFS              | <ul style="list-style-type: none"> <li>• Review and sign this Memorandum of Agreement</li> <li>• Attend reviews and meetings</li> <li>• Provide in a timely manner available data</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |          |

**FEDERAL LANDS ACCESS PROGRAM**  
**PROJECT MEMORANDUM OF AGREEMENT**

**July 25, 2018**

| Responsible Party | Product/Service/Role                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Comments |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|                   | <p>including but not limited to existing agreements or technical data</p> <ul style="list-style-type: none"> <li>• Review and provide comments within two weeks of the environmental documents, plans and specifications at each phase of design and provide project development support</li> <li>• In coordination with the FHWA project manager, ensure that completed plans, specifications, and estimates (PS&amp;E) are consistent with the intended outcome</li> <li>• <b>Provide to CFLHD a Letter of Consent to transfer of an easement for the highway right of way of the route prior to advertisement of the project for construction.</b></li> <li>• Provide overall direction regarding FLMA policy and administration for the project and concur with the final plans and specifications</li> <li>• Provide a fire plan for incorporation into the Special Contract Requirements</li> <li>• Provide a seed mix for the final seeding mix into the Special Contract Requirements</li> <li>• Provide support to CFLHD (respond to questions regarding environmental issues), as requested, for the development of environmental documents</li> <li>• Develop a public information program in coordination with CFLHD and the maintaining agency</li> <li>• If required, enter into a formal partnering work session and agreement with all parties involved in the construction contract</li> <li>• Designate a representative who will be the primary contact for the FHWA’s Construction staff</li> <li>• Continue to update and implement the public information program</li> <li>• Consider proposed design changes, evaluate change impacts, and provide construction oversight as needed, ensuring that requests meet the requirements intended in the PS&amp;E</li> <li>• Attend final inspection upon completion of construction</li> </ul> |          |



**FEDERAL LANDS ACCESS PROGRAM**  
**PROJECT MEMORANDUM OF AGREEMENT**

**July 25, 2018**

**H. ROLES AND RESPONSIBILITIES—SCHEDULE**

| <b>Responsible Lead</b> | <b>Product/Service/Role</b>      | <b>Schedule Finish</b> | <b>Comments</b>                             |
|-------------------------|----------------------------------|------------------------|---------------------------------------------|
| FHWA-CFLHD              | Environmental Compliance         | Fall 2019              | Development and completion of NEPA Document |
| FHWA-CFLHD              | Final Design                     | Winter 2019/2020       | Development of PS&E                         |
| FHWA-CFLHD              | Advertise, Award and NTP         | March 2020             |                                             |
| FHWA-CFLHD              | Administer Construction Contract | November 2020          | Construction Engineering                    |

**I. PROPOSED DESIGN STANDARDS**

Final design standards will be determined through the NEPA process.

| <b>Criteria</b>           |                                                                                                                                                             | <b>Comments</b> |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| Standard                  | Manual on Uniform Traffic Control Devices, A Policy on Geometric Design of Highways and Streets, AASHTO Roadside Design Guide, Carson City Design Standards |                 |
| Functional Classification | Rural Local Road                                                                                                                                            |                 |
| Surface Type              | Asphalt Concrete Pavement                                                                                                                                   |                 |
| Design Volume             | 900 ADT                                                                                                                                                     |                 |

**J. FUNDING**

| <b>PROJECT FUNDING</b>       |                          |                           |                        |
|------------------------------|--------------------------|---------------------------|------------------------|
| <b>Funding Source</b>        | <b>Estimated Funding</b> | <b>% of Total Project</b> | <b>Comments</b>        |
| Federal Lands Access Program | \$3,521,650              | 95%                       |                        |
| Carson City                  | \$185,350                | 5%                        | Reimbursable Agreement |
| <b>Total</b>                 | <b>\$3,707,000</b>       |                           |                        |

**K. MATCHING SHARE REQUIREMENTS**

Carson City will provide 5.0% of the total Federal Lands Access Program eligible project costs required for the project through construction contract completion, closeout, and resolution of any disputes, in an amount not to exceed that 5.0% amount to be provided in separate funding agreements.

**FEDERAL LANDS ACCESS PROGRAM**  
**PROJECT MEMORANDUM OF AGREEMENT**  
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Any direct costs that the City pays for right of way or utility relocation can be added to the total project costs and counted as match. All support costs for these items will be borne by the City and not included as match.

Matching or cost sharing requirements will be satisfied following the obligation of funds to the project as detailed above in Section J.

**L. PROJECT TEAM MEMBERS—POINTS OF CONTACT**

The following table provides the points of contact for this project. They are to be the first persons to deal with any issues or questions that arise over the implementation of each party’s role and responsibility for this agreement.

| <b>Name/Title</b> | <b>Organization</b> | <b>Phone Number/Email</b>                                                        |
|-------------------|---------------------|----------------------------------------------------------------------------------|
| Dirk Goering      | Carson City         | (775) 283-7431<br><a href="mailto:DGoering@carson.org">DGoering@carson.org</a>   |
| Troy Jorgenson    | USFS                | (775) 352-1260<br><a href="mailto:tjorgenson@fs.fed.us">tjorgenson@fs.fed.us</a> |
| Doug Smith        | FHWA-CFLHD          | (720) 963-3435<br><a href="mailto:doug.w.smith@dot.gov">doug.w.smith@dot.gov</a> |

**M. CHANGES/AMENDMENTS/ADDENDUMS**

The agreement may be modified, amended, or have addendums added by mutual agreement of all parties. The change, amendment, or addendum must be in writing and executed by all of the parties.

The types of changes envisioned include, but are not limited to, changes that significantly impact scope, schedule, or budget; changes to the local match, either in type or responsibility; changes that alter the level of effort or responsibilities of a party. The parties commit to consider suggested changes in good faith. Failure to reach agreement on changes may be cause for termination of this agreement.

A change in the composition of the project team members does not require the agreement to be amended.

It is the responsibility of the project team members to recognize when changes are needed and to make timely notification to their management in order to avoid project delivery delays.

**N. ISSUE RESOLUTION PROCEDURES MATRIX**

Issues should be resolved at the lowest level possible. The issue should be clearly defined in writing and understood by all parties. Escalating to the next level can be requested by any party. When an issue is resolved, the decision will be communicated to all levels below.

| <b>FHWA</b> | <b>Local/State Agency</b> | <b>FLMA</b> | <b>Time</b> |
|-------------|---------------------------|-------------|-------------|
|-------------|---------------------------|-------------|-------------|

**FEDERAL LANDS ACCESS PROGRAM**  
**PROJECT MEMORANDUM OF AGREEMENT**  
**July 25, 2018**

| <b>FHWA</b>                                       | <b>Local/State Agency</b>                      | <b>FLMA</b>                                      | <b>Time</b> |
|---------------------------------------------------|------------------------------------------------|--------------------------------------------------|-------------|
| Doug Smith,<br>Project Manager                    | Dirk Goering,<br>Senior Transportation Planner | Troy Jorgenson,<br>Civil Engineer                | 30 days     |
| Rob Eldred,<br>Project Management Branch<br>Chief | Lucia Maloney,<br>Transportation Manager       | Kevin Wilmot,<br>Forest Engineer                 | 60 days     |
| Curtis Scott,<br>Chief of Engineering             | Darren Schulz, Public Works<br>Director        | William A.<br>Dunkelberger,<br>Forest Supervisor | 90 days     |

**O. TERMINATION**

This agreement may be terminated by mutual written consent of all parties. This agreement may also be terminated if either the NEPA process or funding availability requires a change and the parties are not able to agree to the change. Any termination of this agreement shall not prejudice any rights or obligations accrued to the parties prior to termination. If Federal Access funds have been expended prior to termination, the party responsible for the match agrees to provide a match in the applicable percentage of the total amount expended on the project prior to the termination.

# NOTICE OF PUBLIC MEETING OPEN SPACE ADVISORY COMMITTEE

**DAY:** Monday  
**DATE:** August 6, 2018  
**TIME:** 6:00 P.M.  
**LOCATION:** Bonanza Room  
Carson City Community Center  
851 East William Street  
Carson City, Nevada 89701

## VISION

The Open Space Advisory Committee will work to sustain natural and scenic resources and the long term quality of life in Carson City.

## MISSION

Reporting to the Board of Supervisors, the Open Space Advisory Committee will develop, oversee, and support the Open Space Program by working in concert with staff and the public to acquire, interpret, preserve, and enhance natural landscape, agriculture, and cultural resources while balancing the needs of the public's opportunities for passive recreation.

## AGENDA

### CALL TO ORDER

### ROLL CALL & DETERMINATION OF QUORUM

### PUBLIC COMMENTS

Members of the public who wish to address the Open Space Advisory Committee may come forward and speak on matters related to the Committee. Comments may be limited to three minutes per person or topic. If your item requires extended discussion or action, please request the Chairperson to schedule the matter for a future meeting. No action may be taken on a matter raised under this item of the agenda until the matter itself has been specifically included on an agenda as an item upon which action may be taken.

#### 1. FOR POSSIBLE ACTION ON APPROVAL OF MINUTES (No action)

#### 2. MODIFICATIONS TO THE AGENDA

Agenda Management Notice - Items on the agenda may be taken out of order; the public body may combine two or more agenda items for consideration; and the public body may remove an item from the agenda or delay discussion relating to an item on the agenda at any time.

**Note:** Items scheduled at a **specific time** cannot be heard earlier than the scheduled time per Open Meeting Law requirements.

### **3. MEETING ITEMS**

- A. For Possible Action:** Discussion and possible recommendation to staff regarding the use of approximately \$35,000 from the Quality of Life (Open Space) fund to serve as a portion of the required 5% local match to a Federal Lands Access Program grant (total project cost approximately \$3.7 million) for trailhead/roadway improvements in Kings Canyon; and further direct staff to pursue additional grant funding to supplement the trailhead improvements. (Jennifer Budge, CPRP)

#### **Public Comments**

### **4. STAFF UPDATES - DISCUSSION ONLY**

- A. Director's Report: Non-substantive update on projects, programs, budgets, and staffing within the Parks, Recreation and Open Space Department; and Board of Supervisor's action items. (Jennifer Budge, CPRP)

#### **Public Comments**

### **5. MEMBERS' ANNOUNCEMENTS AND REQUESTS FOR INFORMATION**

No action among the members or with staff will take place during this item of the agenda.

### **6. FUTURE AGENDA ITEMS – DISCUSSION ONLY**

Activity here will be limited to placing new matters on future agendas only.

### **7. PUBLIC COMMENTS**

Members of the public who wish to address the Open Space Advisory Committee may come forward and speak on any matter that is not specifically included on the agenda as an action item and allowable under the Open Meeting Law. Comments may be limited to three minutes per person or topic. If your item requires extended discussion or action, please request the Chairperson to schedule the matter for a future meeting.

### **8. FOR POSSIBLE ACTION ON ADJOURNMENT**

If you would like more information about any of the agenda items listed above, please contact the staff member listed at the end of the particular item you are interested in at (775) 887-2262.

The Parks, Recreation & Open Space Department is pleased to make reasonable accommodations for members of the public who wish to attend the meeting and need assistance. If special assistance or arrangements for the meeting are necessary, please notify the Parks, Recreation & Open Space Department by calling (775) 887-2262 or in writing at 3303 Butti Way, Building #9, Carson City, Nevada 89701.

To request a copy of the supporting materials for this meeting contact Patti Liebespeck at pliebespeck@carson.org or call (775) 887-2262.

This agenda and supporting materials are available at [www.carson.org](http://www.carson.org) and at the Carson City Parks, Recreation & Open Space Department located at 3303 Butti Way, Building #9, Carson City, Nevada, 89701.

In accordance with N.R.S. 241.020, this agenda has been posted before 9:00 a.m. three working days before the day of the meeting at the following locations:

City Hall, 201 North Carson Street  
Carson City Library, 900 North Roop Street  
Carson City Community Center, 851 East William Street  
Carson City Planning Division, 108 East Proctor Street  
Carson City Parks, Recreation & Open Space Department, 3303 Butti Way, Building #9  
Carson City, Nevada



## STAFF REPORT

**Report To:** The Carson City Regional Transportation Commission (RTC)

**Meeting Date:** August 8, 2018

**Staff Contact:** Lucia Maloney, Transportation Manager

**Agenda Title: (For Possible Action)** To approve Modification 001 to Federal Lands Access Program (FLAP) Project Reimbursement Agreement No. 6982AF-18-K-500014 to reimburse Central Federal Lands Highway Division for five percent of the total project cost.

**Staff Summary:** The modified FLAP Project Reimbursement Agreement for the Kings Canyon roadway reconstruction and trailhead improvements project updates the maximum reimbursement amount which was previously set at \$3,000 to complete scoping, to add an additional \$182,350, for a total agreement amount of \$185,350. The modification adds the full project scope of work and the required local matching funds. This modification also revises the period of performance to July 30, 2021.

**Agenda Action:** Formal Action/Motion

**Time Requested:** 5 minutes

### **Proposed Motion**

Move to approve Modification 001 to Federal Lands Access Program (FLAP) Project Reimbursement Agreement No. 6982AF-18-K-500014 to reimburse Central Federal Lands Highway Division for five percent of the total project cost.

### **Previous Action**

At the November 27, 2017 RTC meeting, the board approved the submission of the FLAP Kings Canyon Road Project. The grant application requested \$2,851,900 with a 5% local match of \$150,100.

### **Background/Issues & Analysis**

The project involves reconstructing approximately 0.73 miles of Kings Canyon Road from the trailhead east. The project will widen the existing roadway to accommodate bicycle lanes and to improve the trailhead parking lot with restroom facilities and additional capacity.

In November 2017, Carson City RTC approved submittal of a grant application to the Federal Lands Access Program (FLAP) for trailhead, roadway, and drainage improvements between the Kings Canyon trailhead and just east of the Canyon Drive and Kings Canyon Road intersection. After Central Federal Lands conducted project scoping and a site visit in May 2018, the statement of work and project cost was modified, thereby increasing the award amount to \$3,707,000 and the 5% minimum match requirement from \$150,000 to \$185,350.

The requested action is to approve Modification 001 to the Reimbursable Agreement, which adds the full project scope of work, updates required local matching funds, and revises the period of performance.

**Applicable Statute, Code, Policy, Rule or Regulation**

23 U.S.C 201 and 204

**Financial Information**

Is there a fiscal impact?  Yes  No

If yes, account name/number:

RTC Fund, Capital Projects/Construction Account / 250-3035-431.70-40

Funds will be transferred from:

\$150,350 - RTC Fund, Transportation Infrastructure Account / 250-3035-431.70-90

\$35,000 - Quality of Life – Open Space. Capital Projects/Construction Account/ 254-5047-452.70-40

*\$185,350 - Total Local Match*

Is it currently budgeted?  Yes  No

Explanation of Fiscal Impact: The local match associated with this agreement is a maximum of \$185,350, spread over the next 2 to 3 fiscal years; sufficient funds exist in the Transportation Infrastructure account for reimbursement. Carson City Public Works has asked the Parks, Recreation & Open Space Department to assist in providing match funds for the trailhead improvements. The Open Space division is seeking authorization from the Open Space Advisory Committee (OSAC) at the Committee’s August 6<sup>th</sup> special meeting for \$35,000 to supplement RTC’s committed local match obligation for this project. Staff will provide an update to RTC on the outcomes of the August 6<sup>th</sup> OSAC meeting and fiscal implications for this project.

After the agreement is approved, a project number will be created and funds will be transferred into a designated project account.

**Alternatives**

N/A

**Supporting Material**

-Agreement 6982AF-18-K-500014, Modification 001

**Board Action Taken:**

Motion: \_\_\_\_\_

1) \_\_\_\_\_

2) \_\_\_\_\_

Aye/Nay

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
(Vote Recorded By)



**Federal Highway Administration  
Federal Lands Highway  
AGREEMENT  
6982AF-18-K-500014  
Modification 001**

**PARTIES TO THE AGREEMENT**

| Reimbursing Organization                                                                      | Organization to be Reimbursed                                                                                           |
|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Carson City Regional Transportation Commission<br>3505 Butti Way<br>Carson City, Nevada 89701 | Federal Highway Administration<br>Central Federal Lands Highway Division<br>12300 West Dakota Ave<br>Lakewood, CO 80228 |

|                                          |                          |
|------------------------------------------|--------------------------|
| DUNS Number: 07378152<br>TIN: 8860001089 | DUNS Number<br>126129936 |
|------------------------------------------|--------------------------|

**POINTS OF CONTACT FOR THE AGREEMENT**

| Reimbursing Organization<br>Finance Point of Contact                                                                                                                                                                      | Organization to be Reimbursed<br>Finance Point of Contact                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name:</b> Nancy Paulson, City Manager<br><b>Address:</b> 201 North Carson Street<br>Carson City, NV 89701<br><b>Phone:</b> 775-283-7944<br><b>E-mail:</b> <a href="mailto:npaulson@carson.org">npaulson@carson.org</a> | <b>Name:</b> Suzanne Schmidt<br><b>Address:</b> 12300 West Dakota Ave<br>Lakewood, CO 802<br><b>Phone:</b> 720-963-3356<br><b>E-mail:</b> <a href="mailto:suzanne.schmidt@dot.gov">suzanne.schmidt@dot.gov</a> |

| Reimbursing Organization<br>Program Point of Contact                                                                                                                                               | Organization to be Reimbursed<br>Program Point of Contact                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name:</b> Lucia Maloney<br><b>Address:</b> 3505 Butti Way<br>Carson City, NV 89701<br><b>Phone:</b> 775-283-7396<br><b>E-mail:</b> <a href="mailto:lmaloney@carson.org">lmaloney@carson.org</a> | <b>Name:</b> Doug Smith<br><b>Address:</b> 12300 West Dakota Ave<br>Lakewood, CO 80228<br><b>Phone:</b> 720-963-3435<br><b>E-mail:</b> <a href="mailto:doug.w.smith@dot.gov">doug.w.smith@dot.gov</a> |

| PERIOD OF PERFORMANCE                                                                                                      | LEGAL AUTHORITY       |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------|
| From: see date of signature below<br>To: December 14, 2018 (Original Agreement)<br><b>July 30, 2021 (Modification 001)</b> | 23 U.S.C. 201 and 204 |

| TOTAL AGREEMENT AMOUNT                                                                                        | PAYMENT TERMS AND SCHEDULE |
|---------------------------------------------------------------------------------------------------------------|----------------------------|
| Original Agreement: \$3,000<br><b>Modification 001: \$182,350</b><br>TOTAL AGREEMENT AMOUNT: <b>\$185,350</b> | EFT                        |

**DESCRIPTION OF SUPPLIES, SERVICES, AND DELIVERABLES**  
**This modification adds the full scope of work and the required local matching funds. This modification also revises the period of performance.** See attached Reimbursable Agreement

**AUTHORIZED APPROVALS**

| For Reimbursing Organization                                                     | For Organization to be Reimbursed         |
|----------------------------------------------------------------------------------|-------------------------------------------|
| Signature _____ Date _____<br>Title Region Transportation Commission Chairperson | Signature _____ Date _____<br>Title _____ |

**Statement of Work**  
**Project: NV FLAP 39(1) Kings Canyon Road**  
**Reimbursable Agreement No.: 6982AF-18-K-500014**  
**March 14, 2018**

**Modification 001 July 25, 2018**

- I. Introduction: Carson City, NV will provide funding to the Federal Highway Administration, Central Federal Lands Highway Division (CFLHD) to perform scoping activities for the NV FLAP 39(1) project. Carson City will be referred to as the Requesting Agency. CFLHD will be referred to as the Servicing Agency.

**Modification 001: Work will also include preliminary engineering, construction, and construction engineering.**

- II. Location: Kings Canyon Road, Carson City, NV.

- III. Work Required: The work required will include the development of a scoping summary, scoping report, and preliminary estimate for design, construction, and construction engineering to verify the scope and cost for the proposed project.

**Modification 001: Work will also include the development of contract (plans, specifications, and estimate) for the advertisement and award of a construction project to complete this work and provide contract administration and construction engineering services.**

The full scope of the proposed project is to include preliminary engineering, construction and construction engineering of Kings Canyon Road from the Kings Canyon Stream Crossing to the Kings Canyon Trailhead Parking Lot, approximately 0.73 miles. The proposed project will widen the existing roadway to accommodate bicycle lanes on both sides of the roadway. The project will also improve the trailhead parking lot with restroom facilities and provide for additional capacity.

**Modification 001: The project scope has been refined to provide a bike lane (4-ft wide) on the north shoulder of the roadway and a 2-ft shoulder on the south side.**

This Agreement does not obligate (commit to the expenditure of) Federal funds for construction nor does it commit the parties to complete the project. This agreement documents the intent of the parties and commits the Requesting Agency to provide its share of eligible project costs. The Requesting Agency understands that any final decision as to design and construction will be made by the Programming Decisions Committee after completion of the scoping effort and any environmental analysis required under the National Environmental Policy Act (NEPA). Any decision to proceed with the design and construction of the project will depend on the availability of appropriations and matching funds at the time of obligation and other factors, such as issues raised during the NEPA processes, a natural disaster that changes the need for the project and a change in Congressional authorization.

**Modification 001: Refer to Project Memorandum of Agreement for more information regarding roles and responsibilities.**

**Statement of Work**  
**Project: NV FLAP 39(1) Kings Canyon Road**  
**Reimbursable Agreement No.: 6982AF-18-K-500014**  
**March 14, 2018**

**Modification 001 July 25, 2018**

- IV. Non-Federal Share of Costs: The Requesting Agency will provide non-federal local matching funds ~~in the amount of \$3,000.00 to complete the scoping effort.~~

**Modification 001: Updated costs for the full scope of work are as follows:**

| PROJECT BUDGET                                            |                    |                       |
|-----------------------------------------------------------|--------------------|-----------------------|
| Item                                                      | Estimated Cost     | Comments              |
| Scoping                                                   | \$40,000           | Actual Costs          |
| Preliminary Engineering (PE) and Environmental Compliance | \$395,000          |                       |
| Construction Contract (CN)                                | \$2,660,000        |                       |
| Construction Engineering (CE)                             | \$346,000          |                       |
| Contingency                                               | \$266,000          | 10% of CN Contingency |
| <b>Total</b>                                              | <b>\$3,707,000</b> |                       |

| PROJECT FUNDING              |                    |                    |                        |
|------------------------------|--------------------|--------------------|------------------------|
| Funding Source               | Estimated Funding  | % of Total Project | Comments               |
| Federal Lands Access Program | \$3,521,650        | 95%                |                        |
| Carson City                  | \$185,350          | 5%                 | Reimbursable Agreement |
| <b>Total</b>                 | <b>\$3,707,000</b> |                    |                        |

The Requesting Agency will provide non-federal local matching funds in the amount of **5%** of the total Federal Lands Access Program eligible costs required to complete the work as shown above.

**Modification 001: Any direct costs that the City pays for right of way or utility relocation can be added to the total project costs and counted as match. All support costs for these items will be borne by the City and not included as match.**

The Requesting Agency is not required to reimburse CFLHD for any costs incurred prior to the date of this Agreement.

- V. Period of Performance: ~~All work associated with this agreement will be completed no later than December 14, 2018.~~

**Modification 001: All work associated with this agreement will be completed no later than July 30, 2021.**

**Statement of Work**  
**Project: NV FLAP 39(1) Kings Canyon Road**  
**Reimbursable Agreement No.: 6982AF-18-K-500014**  
**March 14, 2018**  
**Modification 001 July 25, 2018**

VI. Technical Representative: Agreement Points of Contact for this Agreement are:

Doug Smith, CFLHD Project Manager  
(720) 963-3435 or [Doug.W.Smith@dot.gov](mailto:Doug.W.Smith@dot.gov)

Dirk Goering, Senior Transportation Planner, Carson City  
(775) 283-7431 or [DGoering@carson.org](mailto:DGoering@carson.org)

VII. Roles and Responsibilities

For scoping:

A. CFLHD will:

- 1) Conduct scoping field review;
- 2) Prepare scoping documents necessary to verify scope and costs of project;
- 3) Provide the PDC scoping documents for consideration of placement in the final program of projects; and
- 4) Manage the overall effort on this agreement regarding scope, schedule and budget in coordination with the Requesting Agency.

B. Requesting Agency will:

- 1) Provide relevant documents regarding this project to CFLHD for use in project development;
- 2) Participate in the field scoping activities;
- 3) Review all scoping documents prepared by CFLHD; and
- 4) Provide funding as referenced in this document.

**Modification 001: Refer to the Project Memorandum of Agreement for additional Roles and Responsibilities.**

VIII. Financial Administration:

A. **Total Agreement Amount:**

~~Not to exceed \$3,000.00-~~

**Modification 001: Not to exceed \$185,350.00**

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

C. **Reimbursable Payment:**

~~CFLHD will invoice the Requesting Agency monthly as these funds are expended.~~

~~CFLHD shall not incur costs which result in matching funds exceeding the~~

**Statement of Work**  
**Project: NV FLAP 39(1) Kings Canyon Road**  
**Reimbursable Agreement No.: 6982AF-18-K-500014**  
**March 14, 2018**

**Modification 001 July 25, 2018**

~~maximum cost stated in this Agreement without authorization by the Requesting Agency in the form of written modification to this agreement.~~


**Modification 001: CFLHD will invoice the Requesting Agency on a monthly basis in the amount of 5% of the total Federal Lands Access Program eligible costs expended for the project.**

**Regardless of the estimate, the Requesting Agency will provide the required match, as documented above in the Project Funding Table, of the total Federal Lands Access Program eligible costs expended on the project through construction contract completion, closeout, and resolution of any disputes, in an amount not to exceed that amount provided in this Agreement**

**CFLHD is limited to recovery of the matching share of actual costs incurred, as reflected in the invoice provided by the CFLHD. CFLHD shall not incur costs which result in matching funds exceeding the maximum cost stated in this Agreement without authorization by the Requesting Agency in the form of written modification to this agreement.**

**CFLHD will provide an Invoice Summary Report if requested by the Requesting Agency on a monthly basis. An Invoice Summary Report sample is shown below.**

**Statement of Work**  
**Project: NV FLAP 39(1) Kings Canyon Road**  
**Reimbursable Agreement No.: 6982AF-18-K-500014**  
**March 14, 2018**  
**Modification 001 July 25, 2018**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                            | <b>CENTRAL FEDERAL LANDS HIGHWAY DIVISION</b>                                             |                              |                                |                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------------------------------------------|------------------------------|--------------------------------|------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            | 12300 West Dakota Avenue<br>Lakewood, CO 80228                                            |                              |                                |                        |
| <b>INVOICE SUMMARY REPORT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            |                                                                                           |                              |                                |                        |
| Invoice #:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 99999                      |                                                                                           |                              |                                |                        |
| Project Name:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CO FLAP 100(1) SAMPLE ROAD |                                                                                           |                              |                                |                        |
| Applicant:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | COUNTY, CO<br>20.00%       |                                                                                           |                              |                                |                        |
| Reporting Date <sup>(1)</sup> :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2/1/2017                   | Notes: Sample Invoice Summary Report that can be provided with each invoice as requested. |                              |                                |                        |
| Previous Reporting Date:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1/1/2017                   |                                                                                           |                              |                                |                        |
| Active Project Phase:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Construction               |                                                                                           |                              |                                |                        |
| Local Match - Reimbursable Agrmnts:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CFLHD Account #            | Amount                                                                                    | Comments                     |                                |                        |
| DTFH6816E000xx                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 15A608000000               | \$2,500,000.00                                                                            | Full scope of work           |                                |                        |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            | <b>\$2,500,000.00</b>                                                                     |                              |                                |                        |
| Project Cost Summary                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            | Budget                                                                                    | Costs to Date <sup>(2)</sup> | Remaining Costs <sup>(3)</sup> | Total Projected Costs  |
| Scoping/Preliminary Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                            | \$1,000,000.00                                                                            | \$995,000.00                 | \$0.00                         | \$995,000.00           |
| Construction Contract                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                            | \$10,000,000.00                                                                           | \$1,500,000.00               | \$8,500,000.00                 | \$10,000,000.00        |
| Construction Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                            | \$1,000,000.00                                                                            | \$25,000.00                  | \$975,000.00                   | \$1,000,000.00         |
| Contingency                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                            | \$500,000.00                                                                              | \$0.00                       | \$0.00                         | \$0.00                 |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            | <b>\$12,500,000.00</b>                                                                    | <b>\$2,520,000.00</b>        | <b>\$9,475,000.00</b>          | <b>\$11,995,000.00</b> |
| Funding Split - Costs to Date                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            | %                                                                                         | Total                        | Previously Paid                | Current Due            |
| Federal Lands Access Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            | 80.00%                                                                                    | \$2,016,000.00               | \$1,664,400.00                 | \$351,600.00           |
| Current Local Match <sup>(5)</sup>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                            | 20.00%                                                                                    | \$504,000.00                 | \$416,100.00                   | \$87,900.00            |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            | <b>100.00%</b>                                                                            | <b>\$2,520,000.00</b>        | <b>\$2,080,500.00</b>          | <b>\$439,500.00</b>    |
| Current Local Match Surplus(+)/Shortfall(-) <sup>(5)</sup> :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            |                                                                                           | \$0.00                       |                                |                        |
| Funding Split - Total Projected Costs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                            | %                                                                                         | Total                        | Previously Paid                | Remaining Due          |
| Federal Share                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                            | 80.00%                                                                                    | \$9,596,000.00               | \$1,664,400.00                 | \$7,931,600.00         |
| Required Local Match                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                            | 20.00%                                                                                    | \$2,399,000.00               | \$416,100.00                   | \$1,982,900.00         |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            | <b>100.00%</b>                                                                            | <b>\$11,995,000.00</b>       | <b>\$2,080,500.00</b>          | <b>\$9,914,500.00</b>  |
| Reimbursable Agreement Projected Surplus(+)/Shortfall(-) <sup>(4)</sup> :                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                            |                                                                                           | \$101,000.00                 |                                |                        |
| Previous Invoices/Payments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Invoice Date               | Invoice Amount                                                                            | Payment Date                 | Payment Amount                 |                        |
| DTFH6816E000xx (99992)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 3/31/2017                  | \$11,600.00                                                                               | 4/15/2017                    | \$11,600.00                    |                        |
| DTFH6816E000xx (99993)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4/30/2017                  | \$7,500.00                                                                                | 5/18/2017                    | \$7,500.00                     |                        |
| DTFH6816E000xx (99994)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5/31/2017                  | \$189,000.00                                                                              | 6/12/2017                    | \$189,000.00                   |                        |
| DTFH6816E000xx (99995)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6/30/2017                  | \$208,000.00                                                                              | 7/15/2017                    | \$208,000.00                   |                        |
| DTFH6816E000xx (99996)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 7/31/2017                  | \$87,900.00                                                                               |                              |                                |                        |
| <b>Total</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                            | <b>\$504,000.00</b>                                                                       |                              | <b>\$416,100.00</b>            |                        |
| <sup>(1)</sup> The Reporting Date is the date that the report was run to calculate Costs to Date.<br><sup>(2)</sup> The Costs to Date are the total project FLAP eligible expenditures when the report was run.<br><sup>(3)</sup> The Remaining Costs are the projected remaining costs for the project<br><sup>(4)</sup> This is for information only. CFLHD is limited to the recovery of the matching share of actual costs incurred only. CFL will not incur costs which result in matching funds required exceeding the costs agreed to in the reimbursable agreement(s). If additional funds are required to complete the project, CFL will work with the requesting agency to modify the agreement(s).<br><sup>(5)</sup> During Scoping and Design of a project the % of match invoiced compared with the required match will fluctuate due to limitations with the financial system. The % will be reconciled during the remainder of the Design Phase and/or during the Construction Phase of the project. |                            |                                                                                           |                              |                                |                        |

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

**D. Method of Billing:**

CFLHD will bill the Requesting Agency, in accordance with the payment

**Statement of Work**  
**Project: NV FLAP 39(1) Kings Canyon Road**  
**Reimbursable Agreement No.: 6982AF-18-K-500014**  
**March 14, 2018**  
**Modification 001 July 25, 2018**

terms and schedule as agreed upon in the Agreement.

CFLHD requests that these payments be made through the US Treasury's website <https://pay.gov>. Pay.gov can be used to make secure electronic payments to any Federal Government Agencies via credit card or direct debit. Payment shall be submitted referencing the FHWA/CFLHD-ID Agreement Number: **6982AF-18-K-500014**

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 (Transportation Department)
- Select the appropriate Transportation Agency (Federal Highway Administration)
- 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:

Make Check Payable To:  
DOT FHWA

Mailing Address:  
Enterprise Service Center  
Federal Aviation Administration  
ATTN: AMZ-324/HQ Room 181  
6500 S. MacArthur Blvd.  
Oklahoma City, OK 73169

- Notice to customers making payment by check:
  - Please notify [cfl.finance@dot.gov](mailto:cfl.finance@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)

**Statement of Work**  
**Project: NV FLAP 39(1) Kings Canyon Road**  
**Reimbursable Agreement No.: 6982AF-18-K-500014**  
**March 14, 2018**

**Modification 001 July 25, 2018**

~~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 (1-800-624-137 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.~~

**Modification 001: *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***  
**([https://www.fiscal.treasury.gov/fsservices/gov/rvnColl/otcNet/rvnColl\\_otcnet.htm](https://www.fiscal.treasury.gov/fsservices/gov/rvnColl/otcNet/rvnColl_otcnet.htm)), or call toll free: at 1-866-945-7920 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.**

- IX. 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.
- X. Termination: This agreement will terminate upon the date specified in Section V or upon 30 calendar days after written notification to the other party. If this agreement is terminated by either party the Requesting Agency's 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.





Carson City Regional Transportation Commission  
Item for Commission Information

**RTC Meeting Date:**

**To:** Regional Transportation Commission  
**From:** Justin Tiearney, Street Supervisor  
**Date Prepared:** July 26, 2018  
**Subject Title:** Street Operations Activity Report  
**Staff Summary:** Monthly Status Report for the Commission's Information

**Carson City Public Works, Street Operations Division  
Status Report to RTC: Activities of June 2018**

**Street Repair and Maintenance**

| ACTIVITIES                                    | QUANTITIES/COMMENTS | FYTD  |
|-----------------------------------------------|---------------------|-------|
| Crack Seal Operation (blocks of sealant used) | 0                   | 4,071 |
| Street Patching Operation (tons of asphalt)   | 46.5                | 322   |
| Pot Holes Repaired                            | 0                   | 88    |

**Tree Care and Maintenance**

| ACTIVITIES                                        | QUANTITIES/COMMENTS | FYTD   |
|---------------------------------------------------|---------------------|--------|
| Tree Pruning Operations                           | 0                   | 430    |
| Tree Removal                                      | 0                   | 41     |
| Tree Replacement                                  | 0                   | 0      |
| Tree Care Chemical Treatment                      | 0                   | 4,545  |
| Tree Work for Other Departments                   | 0                   | 9      |
| Weed Abatement Chemical Sprayed (gallons applied) | 1,635               | 13,621 |

**Concrete Repair and Maintenance**

| ACTIVITIES                   | QUANTITIES/COMMENTS | FYTD   |
|------------------------------|---------------------|--------|
| Concrete Poured (yards)      | 50.75               | 415    |
| Curb & Gutter (linear feet)  | 269                 | 2,403  |
| Sidewalk & Flat Work (sq/ft) | 1,788               | 15,239 |
| Wheel Chair Ramps            | 0                   | 5      |
| Misc.                        | 435                 | 435    |

**Grading and Shoulder Maintenance**

| ACTIVITIES                     | QUANTITIES/COMMENTS                                                                                                                                                                                                                   | FYTD  |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Dirt Road Work/Misc            | Removed 6" of existing roadway on California St between Appion and Overland St. Graded/compacted 6" of roadway grindings and finished the roadway with a slurry. Hauled 435 yards of DG to the corporate to replenish the stock pile. | 434   |
| Shoulder Work on Asphalt Roads |                                                                                                                                                                                                                                       | 7,928 |
| Debris Cleaned                 | 0                                                                                                                                                                                                                                     | 197   |

**Storm Water**

| ACTIVITIES                            | QUANTITIES/COMMENTS | FYTD   |
|---------------------------------------|---------------------|--------|
| Sediment Removed from Ditches (yards) | 30                  | 1,250  |
| Lineal foot of ditch cleared          |                     | 10,858 |
| Pipe Hydro Flushed (linear feet)      | 110                 | 851    |
| Drainage Inlets Cleaned               | 0                   | 1,621  |
| Sediment Removed from Ditches (yards) | 30                  | 1,250  |

**Sweeper Operations**

| ACTIVITIES                 | QUANTITIES/COMMENTS | FYTD  |
|----------------------------|---------------------|-------|
| Curb Miles Swept           | 462.9               | 6,769 |
| Material Picked Up (yards) | 186.5               | 3,544 |
| City Parking Lots Swept    | 4                   | 13    |

**Trucking Bins**

| ACTIVITIES                                          | QUANTITIES/COMMENTS | FYTD |
|-----------------------------------------------------|---------------------|------|
| Bins Hauled for Waste Water Treatment Plant (yards) | 20                  | 277  |
| Bins Hauled for Sweeping Operation (yards)          | 66                  | 548  |
| Equipment Transported for other Departments         | 0                   | 0    |

**Banner and Decorations Activities**

| ACTIVITIES                      | QUANTITIES/COMMENTS | FYTD |
|---------------------------------|---------------------|------|
| Banner Operations Carson Street | 4                   | 48   |
| Changed Lamp Post Banners       | 0                   | 0    |
| Installed Christmas Decorations | 0                   | 141  |
| Removed Christmas Decorations   | 0                   | 141  |

**Signs and Markings**

| ACTIVITIES                                       | QUANTITIES/COMMENTS | FYTD  |
|--------------------------------------------------|---------------------|-------|
| Signs Made                                       | 6                   | 298   |
| Signs Replaced                                   | 13                  | 430   |
| Sign Post Replaced                               | 7                   | 44    |
| Signs Replaced due to Graffiti Damage            | 0                   | 36    |
| Delineators Replaced                             | 0                   | 127   |
| Cross Walks Painted                              | 64                  | 623   |
| Stop Bars Painted                                | 126                 | 779   |
| Yield Bars Painted                               | 19                  | 273   |
| Right Arrows Painted                             | 11                  | 157   |
| Left Arrows Painted                              | 121                 | 754   |
| Straight Arrows Painted                          | 5                   | 60    |
| Stop (word) Painted                              | 20                  | 77    |
| Only (word) Painted                              | 36                  | 267   |
| Bike Symbol & Arrow                              | 0                   | 0     |
| Install Street, bicycle, and pedestrian counters | 0                   | 63    |
| Curb Painted (linear feet)                       | 0                   | 5,010 |

**Weather Events**

| ACTIVITIES               | QUANTITIES/COMMENTS                                          | FYTD |
|--------------------------|--------------------------------------------------------------|------|
| Snow and Ice Control     |                                                              | 15   |
| Rain Event/Flood Control | 1 rain event, 654 drains cleared/removed 8.5 yards of debris | 6    |
| Wind                     | 0                                                            | 0    |



## Carson City Regional Transportation Commission Request for Commission Information

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**RTC Meeting Date:** August 8, 2018  
**Time Requested:** 10 Minutes  
**To:** Regional Transportation Commission  
**From:** Dan Stucky, City Engineer  
**Date Prepared:** July 26, 2018  
**Subject Title:** Project Status Report  
**Staff Summary:** Monthly Status Report for the Commission's Information

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### List of Projects

|                                                                             |    |
|-----------------------------------------------------------------------------|----|
| South Carson Street Complete Streets Project.....                           | 2  |
| Sierra Vista Lane Reconstruction Project.....                               | 3  |
| Silver Sage Drive Reconstruction Project.....                               | 4  |
| CDBG North Carson Street Improvements .....                                 | 5  |
| Battery Backup Improvements .....                                           | 6  |
| Carson City Freeway Multi-Use Path Project (Colorado Street).....           | 7  |
| Fairview Drive Reconstruction Project.....                                  | 8  |
| Fairview Drive Preservation Project .....                                   | 9  |
| Kings Canyon Trailhead Improvements and Roadway Reconstruction Project..... | 10 |
| Stewart Street Pedestrian Signal Project .....                              | 11 |
| Rectangular Rapid Flashing Beacon (RRFB) Saliman Road Project .....         | 12 |
| CDBG College Parkway Improvements .....                                     | 13 |

## South Carson Street Complete Streets Project

**Project Name:** South Carson Street Complete Streets Project

**Project Number:** 031711 and 031801

**Fund Number:** 250 and 257

**Fund Name:** RTC

**Source of Funding:** FY 2017-2018

**Department:** Public Works

**Total Estimated Cost:** \$17,257,559

**Project to Date Cost:** \$155,000

### Project Description

Resurfacing and Complete Streets improvements on South Carson Street corridor between Fifth and Roland Street

### Justification

Carson City received a TAP grant for \$750,000, a TIGER grant for \$7,570,202, and additionally STBG in the amount of \$372,372

### Project Location

South Carson Street between Fifth Street and Roland Street (includes portion of the Frontage Road)

### Status

Working with the Federal Highway Administration (FHWA) to draft an agreement for TIGER and moving forward with design



## Sierra Vista Lane Reconstruction Project

**Project Name:** Sierra Vista Lane Reconstruction

**Project Number:** RTC001

**Fund Number:** 250

**Fund Name:** RTC

**Source of Funding:** FY 2016-2017 & FY 2017-2018

**Department:** Public Works

**Total Estimated Cost:** \$4,553,578 (95% federally funded)

**Project to Date Cost:** \$176,409

### Project Description

The project consists of reconstructing 2.5 miles of Sierra Vista Lane. Additionally, the project improves access to federal land by improving two trailhead-parking areas and will improve drainage facilities

### Justification

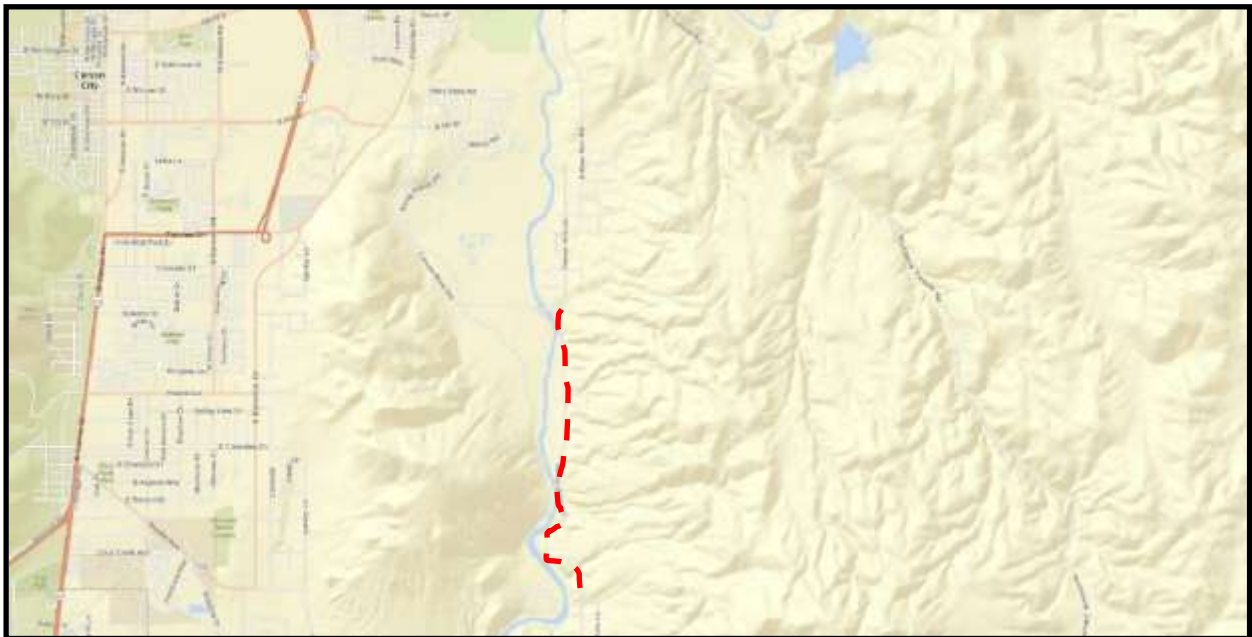
Sierra Vista Lane is in need of reconstruction because it is originally constructed out of recycled asphalt grindings and is rapidly deteriorating, creating unsafe conditions

### Project Location

Sierra Vista Lane, between Pinion Hills Road and Rio Vista Lane

### Status

Project is complete. A few minor outstanding items are still in progress



# Silver Sage Drive Reconstruction Project

**Project Name:** Silver Sage Drive  
**Project Number:** 031706  
**Fund Number:** 250  
**Fund Name:** RTC  
**Source of Funding:** FY 2017-2018  
**Department:** Public Works  
**Total Estimated Cost:** \$748,000 (95% federally funded)  
**Project to Date Cost:** \$27,621

## Project Description

The improvements to Silver Sage Drive are between Clearview Drive and Roland Street, and include a full reconstruction of the roadway

## Justification

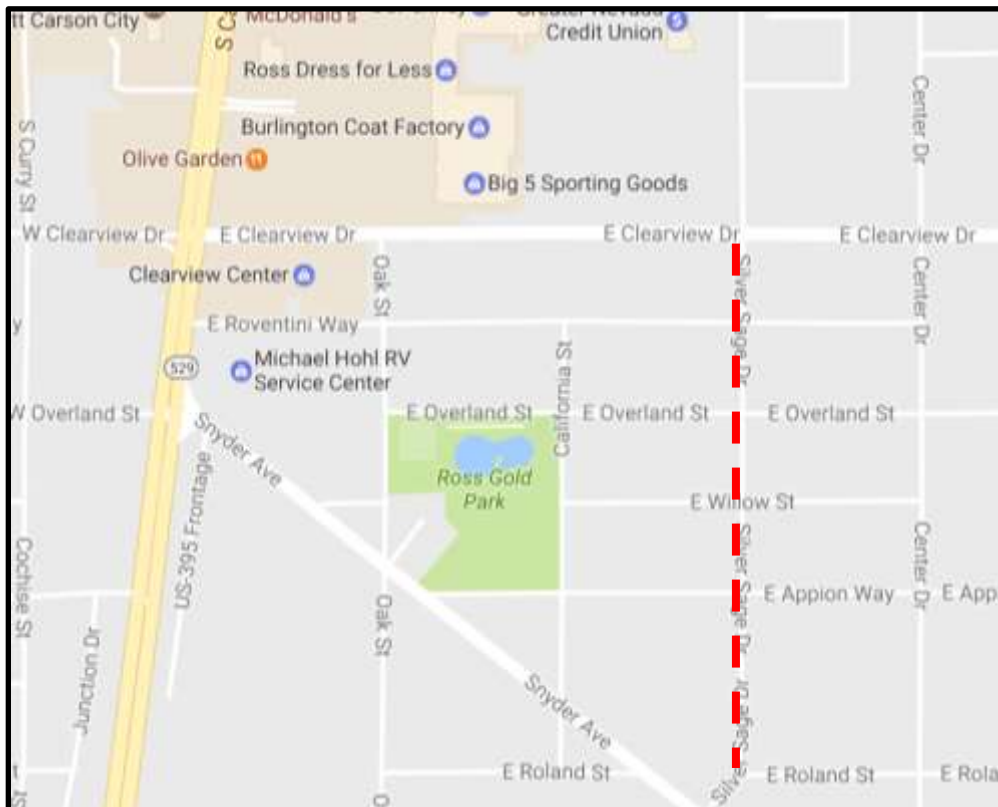
The pavement condition index rating for this section of roadway is poor and the roadway is classified as a collector roadway

## Project Location

Silver Sage Drive between Clearview Drive and Roland Street

## Status

Construction began July 30<sup>th</sup>



# CDBG North Carson Street Improvements

**Project Name:** CDBG North Carson Street Improvements

**Project Number:** 031710

**Fund Number:** 250

**Fund Name:** RTC

**Source of Funding:** FY 2017-2018

**Department:** Public Works

**Total Estimated Cost:** \$227,182 (100% federally funded)

**Project to Date Cost:** \$189,956

## Project Description

ADA improvements on North Carson Street

## Justification

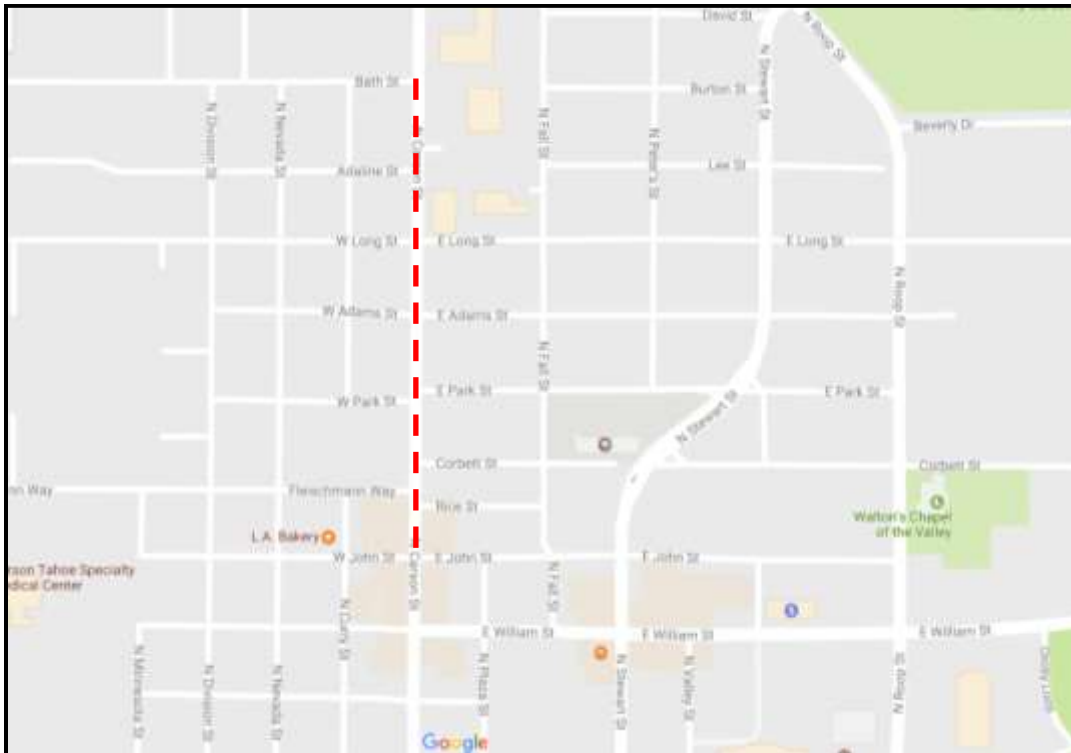
Received CDBG grant award for ADA improvements

## Project Location

Portions of North Carson Street between Bath and John Streets, east side only

## Status

Construction was completed the week of July 23<sup>rd</sup>



## Battery Backup Improvements

**Project Name:** Fiscal Year 2018 Intersection Improvements

**Project Number:** N/A

**Fund Number:** 250

**Fund Name:** RTC

**Source of Funding:** FY 2017-2018

**Department:** Public Works

**Total Estimated Cost:** \$153,703

**Project to Date Cost:** \$139,194

### Project Description

Installation of battery backup systems (BBS) at 24 intersections and retro-reflective back-plate borders at 12 signalized intersections in Carson City

### Justification

Battery backup systems and retro-reflective back-plate borders will provide increased safety and enhance motorist progression throughout Carson City

### Project Location

|                                     |                                  |
|-------------------------------------|----------------------------------|
| Carson Street and Hot Springs Road  | Hwy 50 East and Fairview Drive   |
| Carson Street and Musser Street     | Hwy 50 East and I-580            |
| Carson Street and Robinson Street   | Hwy 50 East and Lompa Lane       |
| Carson Street and Stewart Street    | Roop Street and 5th Street       |
| Carson Street and Washington Street | Roop Street and Hot Springs Road |
| Carson Street and William Street    | Roop Street and Little Lane      |
| College Parkway and I-580           | Roop Street and Long Street      |
| College Parkway and Lompa Lane      | US 395 and Clear Creek Road      |
| College Parkway and Retail Drive    | US 395 and Clearview Drive       |
| Fairview Drive and I-580            | US 395 and Eagle Station Lane    |
| Hwy 50 East and Airport Road        | US 395 and Fairview Drive        |
| Hwy 50 East and Deer Run Road       | US 395 and Koontz Lane           |

### Status

Battery backup installation is 92% complete and retro-reflective back-plate installation is 95% complete



## Carson City Freeway Multi-Use Path Project (Colorado Street)

**Project Name:** Carson City Freeway Multi-Use Path (Colorado Street)

**Project Number:** 031803

**Fund Number:** 250

**Fund Name:** RTC

**Source of Funding:** FY 2017-2018

**Department:** Public Works

**Total Estimated Cost:** \$651,950 (95% federally funded)

**Project to Date Cost:** \$1,000

### Project Description

Construct 4,200 feet of multi-use path and associate improvements

### Justification

A TAP grant was approved by NDOT

### Project Location

West side of I-580 from linear ditch path to Colorado Street

### Status

Project topographic survey is completed and design has begun



## Fairview Drive Reconstruction Project

**Project Name:** Fairview Drive Project

**Project Number:** TBD

**Fund Number:** 250

**Fund Name:** RTC

**Source of Funding:** FY 2018-2019

**Department:** Public Works

**Total Estimated Cost:** \$593,000 (95% federally funded)

**Project to Date Cost:** \$0

### Project Description

Reconstruct Fairview Drive between Carson Street and Roop Street. Project includes reconstruction of roadway and a partial mill and overlay with patching.

### Justification

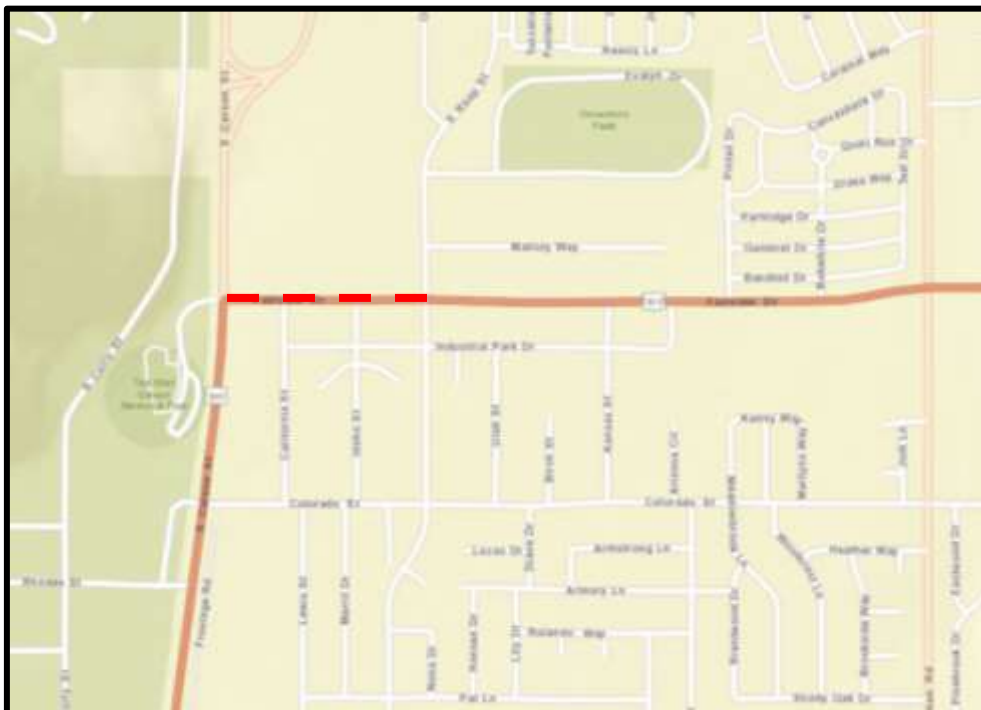
Fairview Drive is in need of reconstruction due to the high amounts of traffic over the years. With the completion of the I-580 bypass, Fairview Drive has seen a significant reduction in traffic

### Project Location

Fairview Drive from Carson Street to Roop Street

### Status

Working with Nevada Department of Transportation (NDOT) to get the LPA agreement executed



## Fairview Drive Preservation Project

**Project Name:** Fairview Drive Preservation Project  
**Project Number:** 031804  
**Fund Number:** 250  
**Fund Name:** RTC  
**Source of Funding:** FY 2018-2019  
**Department:** Public Works  
**Total Estimated Cost:** \$630,000 (95% federally funded)  
**Project to Date Cost:** \$50,000

### Project Description

Slurry seal on Fairview Drive between Highway 50 and Roop Street and a small section of Fairview Drive near the intersection of Butti Way

### Justification

Fairview Drive is in need of preservation improvements due to the high amounts of traffic over the years. With the completion of the I-580 bypass, Fairview Drive has seen a significant reduction in traffic

### Project Location

Fairview Drive from Highway 50 to Roop Street and the intersection of Butti Way

### Status

Wide crack repairs, patching, and the widening near Butti Way will be complete the week of July 30<sup>th</sup> and the slurry will be completed in August



# Kings Canyon Trailhead Improvements and Roadway Reconstruction Project

**Project Name:** Kings Canyon Reconstruction Project

**Project Number:** TBD

**Fund Number:** TBD

**Fund Name:** RTC

**Source of Funding:** FY 2018-2019

**Department:** Public Works

**Total Estimated Cost:** \$3,707,000

**Project to Date Cost:** \$0

## Project Description

This project will widen the existing roadway, accommodate bicycle lanes, and improve the trailhead parking lot with restroom facilities and additional capacity

## Justification

RTC was awarded \$2,926,600 from the Federal Highway Administration (FHWA), Central Federal Lands Highway Division (CFLHD) for the Federal Lands Access Program (FLAP) grant

## Project Location

Kings Canyon road just east of Kings Canyon Creek to the Kings Canyon Trailhead

## Status

Grant scoping site was completed, agreement still in progress



## Stewart Street Pedestrian Signal Project

**Project Name:** Stewart Street Pedestrian Signal Project

**Project Number:** TBD

**Fund Number:** 250

**Fund Name:** RTC

**Source of Funding:** FY 2018-2019

**Department:** Public Works

**Total Estimated Cost:** \$531,579

**Project to Date Cost:** \$0

### **Project Description**

Pedestrian crossing improvements, including a slurry seal between Little Lane and S. Carson Street

### **Justification**

This location was identified in the Nevada Department of Transportation (NDOT) Pedestrian Uncontrolled Crosswalk Guidelines

### **Project Location**

Stewart Street from Little Lane to Wright Way

### **Status**

Project is at 90% design and staff continues to coordinate with NDOT



## Rectangular Rapid Flashing Beacon (RRFB) Saliman Road Project

**Project Name:** Rectangular Rapid Flashing Beacon (RRFB) Saliman/Linear Path

**Project Number:** 031703

**Fund Number:** 250 Safety Improvements

**Fund Name:** RTC

**Source of Funding:** FY 2017-2018

**Department:** Public Works

**Total Estimated Cost:** \$30,000

**Project to Date Cost:** \$1,000

### Project Description

This project consists of installing a signalized pedestrian crossing and additional street lighting to improve pedestrian safety

### Justification

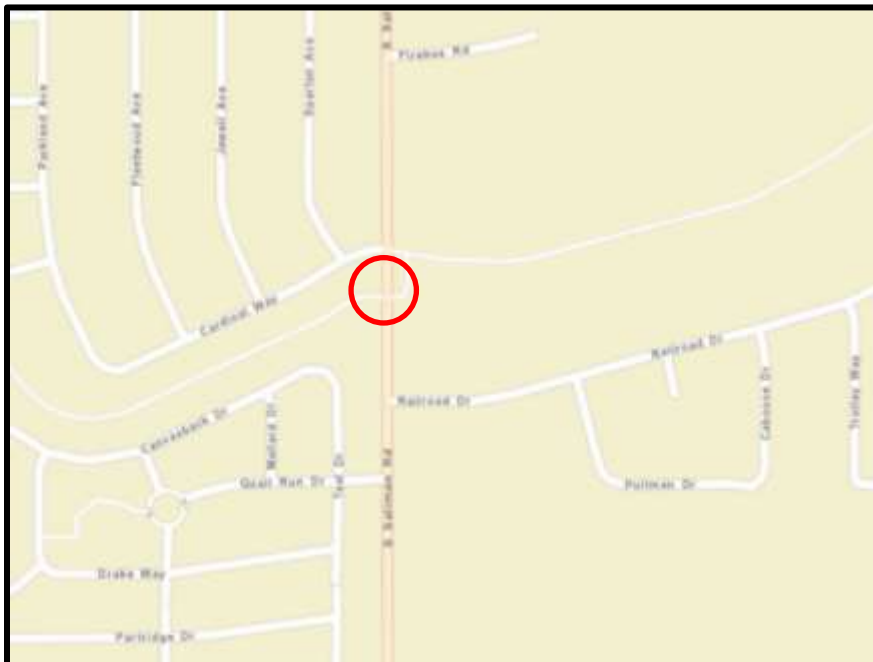
This project was identified as a safety improvement by Parks and Public Works staff. The project will improve pedestrian safety on a high use path that crosses a five lane collector roadway. Path use is anticipated to grow as the City's path system expands. Additionally, as this path is adjacent to an elementary school, the project will contribute to the City's Safe Routes to Schools program.

### Project Location

S. Saliman Road and the Linear Ditch Path, just south of Fremont Elementary School

### Status

In design and will construct in August 2018



## CDBG College Parkway Improvements

**Project Name:** CDBG College Parkway Improvements

**Project Number:** TBD

**Fund Number:** TBD

**Fund Name:** RTC

**Source of Funding:**

**Department:** Public Works

**Total Estimated Cost:** \$268,892

**Project to Date Cost:** \$0

### Project Description

ADA improvements on West College Parkway

### Justification

Received CDBG grant award for ADA improvements

### Project Location

West College Parkway between North Carson Street and Northgate Lane

### Status

Waiting for Notice to Proceed

