



STAFF REPORT

Agenda Item: 3C

Report To: Open Space Advisory Committee

Meeting Date: October 21, 2019

Staff Contact: Gregg Berggren, Trails Coordinator
Dirk Goering, Senior Transportation Planner

Agenda Title: For Discussion Only: Review and discussion regarding the conceptual design for the proposed Waterfall Trailhead Parking Area (also known as the Kings Canyon Trailhead Parking Lot).

Staff Summary: See below

Agenda Action: Other/Presentation

Time Requested: 15 minutes

On July 25, 2018, the Carson City Regional Transportation Commission (RTC), the U.S. Forest Service (USFS) and the Federal Highway Administration (FHWA) signed a Memorandum of Agreement to move forward with a Federal Land Access Program (FLAP) project to make improvements to the Kings Canyon Road. A portion of this project includes construction of a new Waterfall Trailhead Parking Area, and below is an excerpt from the agreement:

*“**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.”*

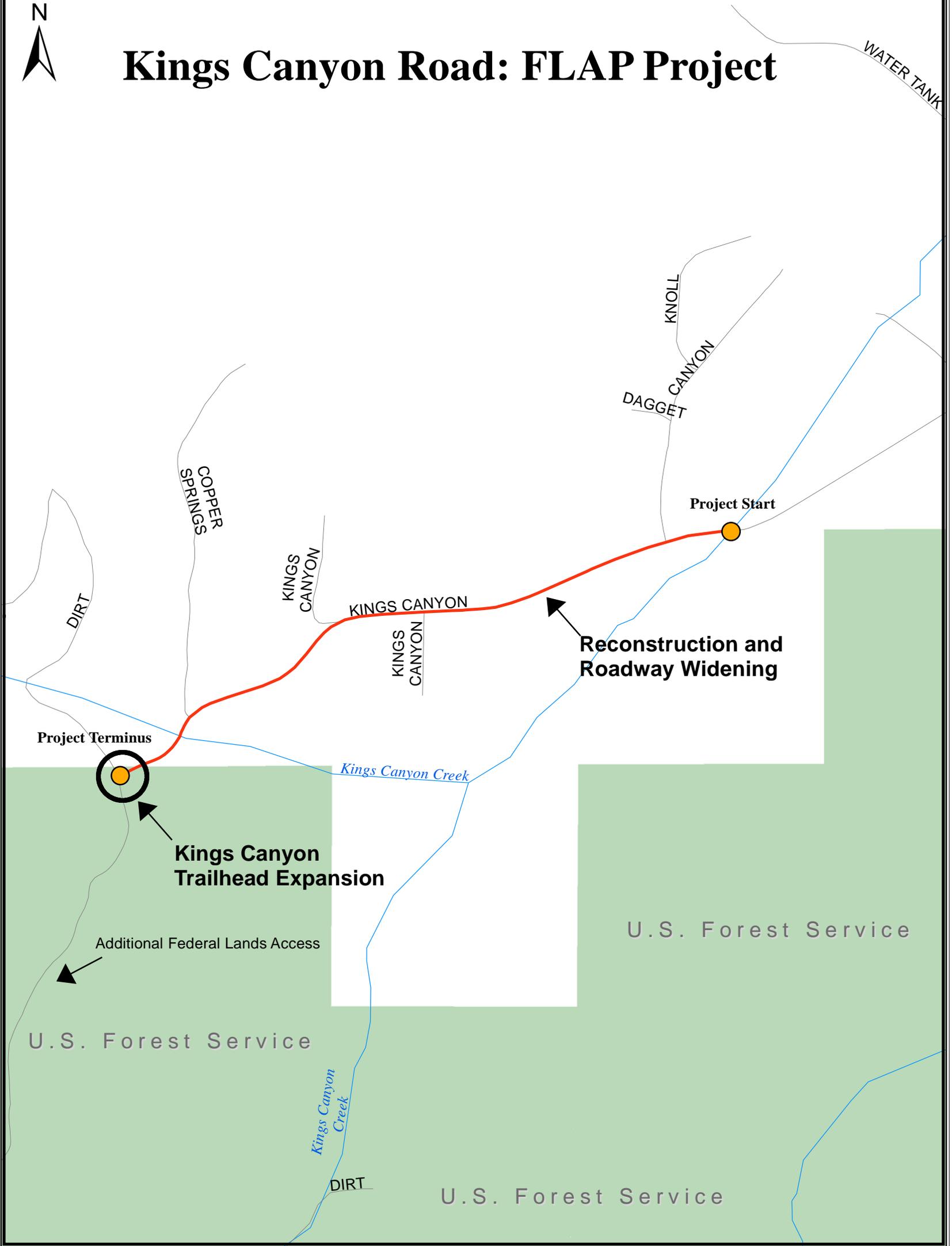
On August 6, 2018, the Open Space Advisory Committee approved 5-0 to “use of approximately \$35,000 from the Quality of Life (Open Space) fund to serve as a portion of the required 5% local match to a Federal Lands Access Program grant (total project cost approximately \$3.7 million) for trailhead/roadway improvements in Kings Canyon.” The budget allocation was split between two fiscal years: 50% in Fiscal Year 2018-2019 and 50% in the current fiscal year, both from the Professional Services account. Attached are the staff report, excerpts, and meeting minutes. The full staff report can be found online at <https://carson.org/government/meeting-information/agendas/open-space-advisory-committee-meetings-with-supporting-materials/2018-agenda-with-supporting-materials/08-06-18-agenda-with-supporting-materials/-fsiteid-1>

In the Unified Pathways Master Plan, the Waterfall / Kings Canyon Trailhead is identified as a trailhead providing trailer parking for equestrian use.

Central Federal Lands (CFL) is responsible for design of the parking lot, and have produced a conceptual design which is attached for review and comment. CFL is especially looking for comment regarding the number of parking stalls, location of the vault toilet, placement of Kings Canyon Road, and overall parking lot circulation and layout. Dirk Goering, Senior Transportation Planner, is the City’s lead for this project.



Kings Canyon Road: FLAP Project







STAFF REPORT

Report To: Open Space Advisory Committee

Meeting Date: August 6, 2018

Staff Contact: Jennifer Budge, CPRP, Parks and Recreation Director

Agenda Title: 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) (Jennifer Budge, jbudge@carson.org)

Staff Summary: Carson City Public Works and Parks, Recreation and Open Space Departments have been working cooperatively to secure funding through the Federal Lands Access Program for much needed improvements to Kings Canyon Road and the Waterfall Trailhead. This project is estimated at \$2.9 million dollars and requires a 5% local match for the grant program. If approved, this item will allocate approximately \$35,000 from the Open Space budget, with the remaining required match from Public Works, as authorized by the Regional Transportation Commission.

Agenda Action: Formal Action/Motion

Time Requested: 20 minutes

Proposed Motion

“I move to recommend that staff approve 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.”

Board's Strategic Goal

Sustainable Infrastructure

Previous Action

November 27, 2017 - Carson City Regional Transportation Commission approved pursuit of this FLAP grant and accepted the fiscal impact associated with the 5% required local match.

Background/Issues & Analysis

The grant application requested funds for improvements to Kings Canyon Road and to expand the existing trailhead located on U.S. Forest Service property. Project improvements include roadway reconstruction, storm water improvements, and the expansion of the existing trailhead. The trailhead is significantly undersized for current levels of use, creating roadway obstruction and possible delays to emergency responders in the area.

Attached for the Committee's reference are copies of the FLAP funding documents, notice of award, project site map, scope of work, and site photos.

Applicable Statute, Code, Policy, Rule or Regulation

Carson City Grant Policy and Procedures
Carson City Municipal Code 13.06.140
Carson City Municipal Code 13.06.150

Financial Information

Is there a fiscal impact? Yes No

If yes, account name/number: Quality of Life – Open Space. Maintenance and Management / 254-5047-452-0450

Is it currently budgeted? Yes No

Explanation of Fiscal Impact: While it hasn't yet been confirmed from the FLAP grant administrator, it is anticipated that the \$35,000 would be contributed with 50% from FY 19 and 50% from FY 20. There is currently adequate funding available in the open space budget that is not encumbered or obligated to other grant projects.

Alternatives

Do not approve the item and provide additional direction to staff.

Committee Action Taken:

Motion: _____

1) _____

2) _____

Aye/Nay

(Vote Recorded By)

NV FLAP 39(1)
 Kings Canyon Road (and Trailhead)
 Funding Summary

	Scoping Estimate	Trailhead (approx. 20% of project)	Open Space (5% cash match)
Fiscal Year 2019			
Scoping/Prelim. Engineering	\$ 435,000	\$ 87,000	\$ 4,350
Construction Engineering	\$ 346,000	\$ 69,200	\$ 3,460
Sub-total	\$ 781,000	\$ 156,200	\$ 7,810
Fiscal Year 2020			
Construction (with construction cost escalation)	\$ 2,660,000	\$ 532,000	\$ 26,600
Sub-total	\$ 2,660,000	\$ 532,000	\$ 26,600
Total	\$ 3,441,000	\$ 688,200	\$ 34,410

Kings Canyon FLAP Grant Exhibits



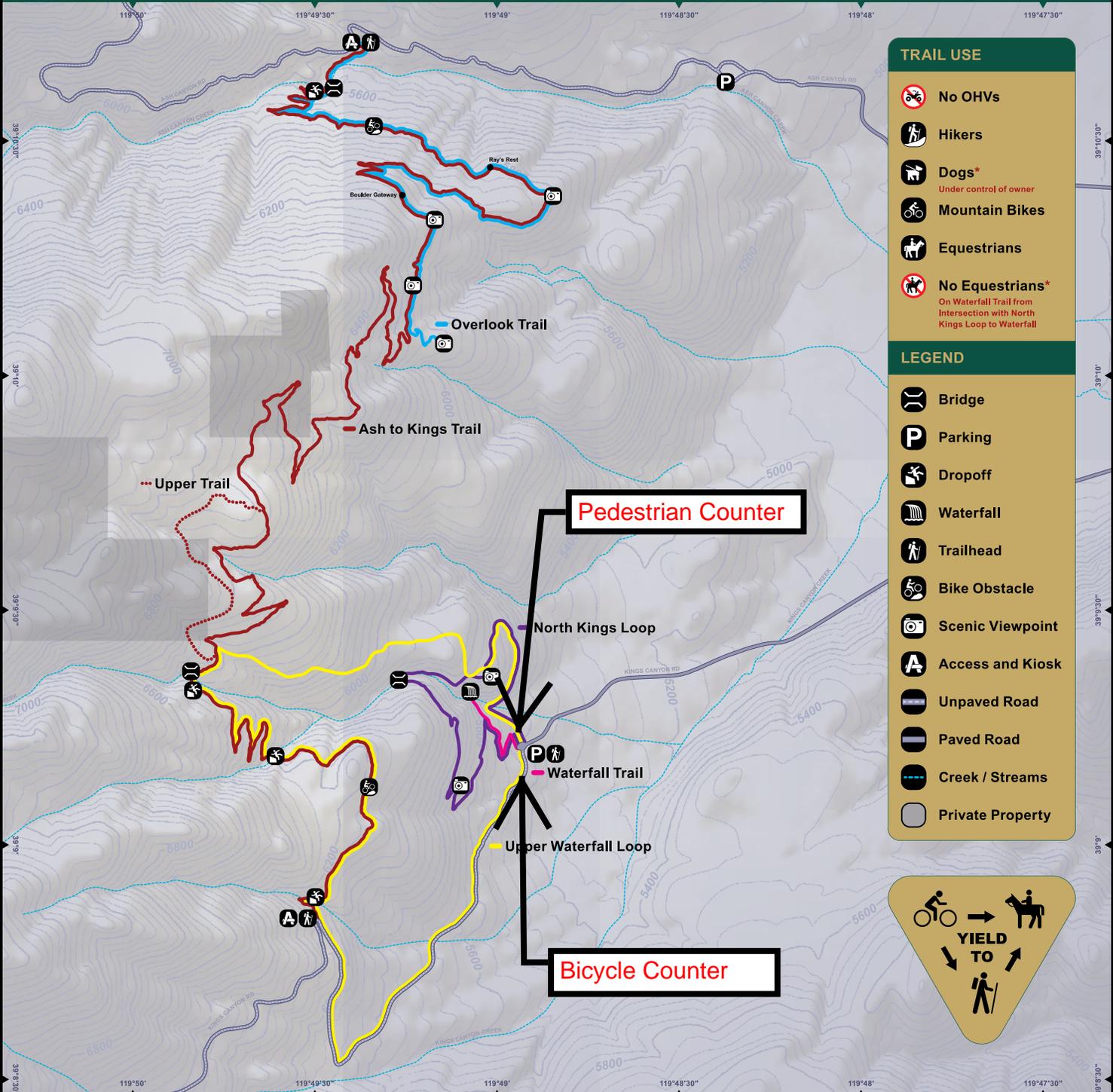
Kings Canyon Trailhead Pedestrian & Bicycle Counts

Date	Day of the Week	Pedestrian Counts (in & out)	Total Pedestrians	Bicycle Counts
11/8/2017	Wednesday	82	41	4
11/9/2017	Thursday	70	35	1
11/10/2017	Friday	188	94	4
11/11/2017	Saturday	447	224	22
11/12/2017	Sunday	427	214	23
11/13/2017	Monday	88	44	1
11/14/2017	Tuesday	136	68	4
11/15/2017	Wednesday	23	12	0
11/16/2017	Thursday	8	4	1
11/17/2017	Friday	127	64	5
11/18/2017	Saturday	298	149	8
11/19/2017	Sunday	270	135	8
11/20/2017	Monday	81	41	4
11/21/2017	Tuesday	No Data Collected	No Data Collected	12
11/22/2017	Wednesday	No Data Collected	No Data Collected	8
11/23/2017	Thursday	No Data Collected	No Data Collected	23
11/24/2017	Friday	No Data Collected	No Data Collected	12
11/25/2017	Saturday	No Data Collected	No Data Collected	9
11/26/2017	Sunday	No Data Collected	No Data Collected	2
11/27/2017	Monday	No Data Collected	No Data Collected	3
11/28/2017	Tuesday	No Data Collected	No Data Collected	0
11/29/2017	Wednesday	No Data Collected	No Data Collected	3
11/30/2017	Thursday	No Data Collected	No Data Collected	3
12/1/2017	Friday	No Data Collected	No Data Collected	2
12/2/2017	Saturday	No Data Collected	No Data Collected	2
12/3/2017	Sunday	No Data Collected	No Data Collected	3
12/4/2017	Monday	No Data Collected	No Data Collected	1
Total		2,245	1,123	168
Daily Average			86	6
Estimated Annual Counts			31,516	2,271
Annual Total Pedestrian and Bicyclists		33,787		

Counts collected by Carson City Public Works Staff

ASH TO KINGS TRAIL

0 0.5 km
0 0.5 mi



TRAIL USE

- No OHVs
- Hikers
- Dogs*
Under control of owner
- Mountain Bikes
- Equestrians
- No Equestrians*
On Waterfall Trail from Intersection with North Kings Loop to Waterfall

LEGEND

- Bridge
- Parking
- Dropoff
- Waterfall
- Trailhead
- Bike Obstacle
- Scenic Viewpoint
- Access and Kiosk
- Unpaved Road
- Paved Road
- Creek / Streams
- Private Property



TRAIL ACCESS INFORMATION		Grade <small>Std Ramp is 8.3%</small>		Cross Slope		Tread Width		Surface
Trail Name	Length	Typical	Maximum	Typical	Maximum	Typical	Minimum	Type
Ash to Kings Trail	7.4 mi	8.2%	0.38 mi is 21% - 35%	6.1%	0.23 mi is 20% - 31%	18 in	15 in	Soil
Overlook Trail	2.8 mi	8.4%	2322 ft is 16% - 32%	5.9%	438 ft is 16% - 30%	17 in	15 in	Soil
Upper Water Fall Loop	4.4 mi	10.3%	476 ft is 21% - 35%	5.4%	573 ft is 16% - 23%	106 in	15 in	Soil
Waterfall Trail	0.2 mi	12.1%	21 ft is > 42%	5.9%	95 ft is 13% - 17%	26 in	6 in	Soil / Rock / Boulder
North Kings Loop	1.7 mi	11.5%	768 ft is 21% - 38%	6.3%	376 ft is 16% - 37%	57 in	6 in	Soil

WARNING: Trail conditions may have changed since of June 2015 when these trails were assessed. Signage created by **Beneficial Designs Inc.** using trail data collected by a certified trail assessment coordinator.



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

(6:02:38) – There were no minutes for approval.

2. MODIFICATIONS TO THE AGENDA

(6:02:39) – There were no modifications to the agenda.

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.

(6:02:47) – Chairperson Scott introduced the item and gave background on having the Public Works Department “secure a very significant grant with a very small [five percent] local match which includes a trailhead”. He also reviewed the information provided in the Staff Report, noting that part of the match was being provided by the Regional Transportation Commission (RTC) and suggested applying for an OHV grant as well. Ms. Budge acknowledged the Public Works Department’s collaboration as well, and noted that “a five percent match is unheard of”. She also responded to clarifying questions by the members, and noted that the urgency for this meeting was to be able to report this Committee’s feedback to the August 8, 2018 RTC meeting. There were no public comments.

(6:15:20) – MOTION: I move to recommend that Staff approve the use of approximately \$35,000 from the Quality of Life (Open Space) fund to serve as a portion of the required 5 percent 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.

(6:12:24) – Ms. Budge clarified that the \$35,000 amount will be 50 percent funded from this year’s budget and 50 percent funded from next year’s budget. Member Hall received confirmation from Ms. Budge that the match will not cause a budget discrepancy.

RESULT:	APPROVED (5-0-0)
MOVER:	Scott
SECONDER:	Massad
AYES:	Scott, Welch, Hall, Massad, Michael
NAYS:	None
ABSTENTIONS:	None
ABSENT:	Evans, Inversin