



STAFF REPORT

Report To: Board of Supervisors **Meeting Date:** January 20, 2022

Staff Contact: Darren Schulz, Public Works Director

Agenda Title: For Possible Action: Discussion and possible action regarding a Grant of Highway Easement Deed (“Easement”) at no cost from the United States of America, acting by and through the Department of Transportation, Federal Highway Administration (“FHWA”), to Carson City for approximately 6.24 acres within APN 007-061-26 that is necessary for the Kings Canyon Road and Trailhead Federal Lands Access Program (“FLAP”) Project (“Project”). (Dan Stucky, DStucky@carson.org; Robert Nellis, RNellis@carson.org; Christopher Martinovich, CMartinovich@carson.org)

Staff Summary: The Easement covers approximately 6.24+/- acres of land and allows the City to use that land for the purposes of reconstruction, operation and maintenance of public highway, trails, trailheads and all associated trail features. The FHWA has executed this Easement, without consideration, for these purposes.

Agenda Action: Formal Action / Motion **Time Requested:** Consent

Proposed Motion

I move to approve, and authorize the Mayor to sign, the Easement as presented.

Board's Strategic Goal

Sustainable Infrastructure

Previous Action

The Project has been presented to the Board of Supervisors (“Board”) and Regional Transportation Commission (“RTC”) at the following meetings:

At the November 27, 2017 RTC meeting, the RTC approved submission of the FLAP Grant for the Project.

At the August 8, 2018 RTC meeting, the RTC approved a FLAP Memorandum of Agreement for the Project and Reimbursement Agreement Modification 001 with a total agreement amount of \$3,707,000, of which the City was obligated to pay a 5% local match totaling \$185,350.

At the March 10, 2021 RTC meeting, the RTC approved Reimbursement Agreement Modification 002 increasing the total agreement amount to \$5,110,000, including increasing the City’s 5% local match to \$255,500, plus an additional \$30,000 in costs not eligible for federal funding, for a total local match of \$285,500.

At the April 1, 2021 Board meeting, the Board approved a permanent roadway and drainage easement from a private landowner to the City on APN 007-071-13 for the Project.

At the April 15, 2021 Board meeting, the Board approved four permanent roadway and drainage easements from private landowners to the City for APNs 007-081-04, 007-071-04, 007-071-23 and 007-071-02 for the Project.

At the May 6, 2021 Board meeting, the Board approved the reservation of a permanent right-of-way easement and dedication of a public utility easement on City-owned property, APN 007-071-10, for the Project.

Background/Issues & Analysis

In 2018, Carson City was awarded a FLAP grant for the Project. This is a federally funded project to reconstruct approximately one mile of roadway and to design and construct a formal trailhead parking area to improve the access and management of the existing trailhead. The roadway and trailhead are in a state of disrepair. The roadway pavement is deteriorating due to old age and erosion from inadequate roadside drainage, creating safety concerns, and routine maintenance needs. The current trailhead is undersized, lacks access control and amenities, and is rapidly deteriorating due to stormwater erosion and parking along the shoulder. These issues are creating chaotic conditions which could hinder first responders and are having a negative impact to the quality of life for residences along Kings Canyon Road. The Project is currently under construction with completion planned for the winter of 2022, weather permitting.

Coordination occurred between Carson City, the FHWA, and USFS. The Easement formalizes Carson City's use of the area allowing for the long-term operation and maintenance of the trailhead parking area.

Applicable Statute, Code, Policy, Rule or Regulation

NRS 244.270

Financial Information

Is there a fiscal impact? No

If yes, account name/number: N/A

Is it currently budgeted? No

Explanation of Fiscal Impact: N/A

Alternatives

Do not approve the Easement and/or provide alternative direction to staff.

Attachments:

[FHWA Highway Easement Deed.pdf](#)

Board Action Taken:

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

(Vote Recorded By)



U.S. Department
of Transportation
**Federal Highway
Administration**

Central Federal Lands Highway Division

December 2, 2021

12300 West Dakota Avenue
Suite 280
Lakewood, CO 80228

In Reply Refer To:
HFHD-16

Chris Martinovich
Transportation/Traffic Engineer
Public Works Department Carson City
3505 Butti Way
Carson City, NV 89701

Dear Mr. Martinovich:

Enclosed please find a Department of Transportation Highway Easement Deed for NV FLAP 39(1), also known as Kings Canyon Road.

This deed was reviewed, signed by the Central Federal Lands Acting Division Director, and notarized. Once the deed has been signed by the authorized city official and recorded, please return a scanned copy of the recorded document to me.

If you have any questions or concerns, please contact me directly at 720-963-3694.

Sincerely yours,

Ray Golden
Right of Way Specialist
ray.golden@dot.gov

Enclosures:
Highway Easement Deed for NV FLAP 39(1)

APN 007-061-26)
)
RECORDING REQUESTED BY)
AND RETURN TO)
Carson City)
Attn: Real Property Manager)
3505 Butti Way)
Carson City, NV 89701)

HIGHWAY EASEMENT DEED

THIS DEED, made this 15 day of November, 2021, by and between the United States of America, acting by and through the Department of Transportation, Federal Highway Administration, hereinafter referred to as the Department, and Carson City, Nevada, a consolidated municipality and political subdivision of the State of Nevada, hereinafter referred to as the Grantee, and as the Highway Agent after its acceptance of the highway:

WITNESSETH:

WHEREAS, the GRANTEE has filed application under the provisions of the Act of Congress of August 27, 1958, as amended (23 U.S.C. Section 317), for the right of way of a highway over certain land owned by the United States of America in the State of Nevada, which is under the jurisdiction of the Department of Agriculture, National Forest Service; and

WHEREAS, the Administrator of the Federal Highway Administration, pursuant to delegation of authority from the Secretary of Transportation, has determined that an easement over the land covered by the application is reasonably necessary for a right of way for Kings Canyon Road, herein after referred to as the Highway;

WHEREAS, the United States Department of Agriculture, acting by and through the National Forest Service, has agreed to the transfer of a right of way easement by the Department, over the land to the Grantee;

NOW THEREFORE, the Department as authorized by law, does hereby grant to the Grantee, a non-exclusive right of way easement for (1) the reconstruction, operation and maintenance of the said highway and use of the space above and below the established grade line of said highway for highway transportation purposes, and (2) the reconstruction, operation and maintenance of trails, trailheads, and all associated trail features, across, and upon the following described land owned by the United States of America within the Humboldt Toiyabe National Forest, Carson City, State of Nevada, and being situated upon portions of land within the following Township and Range of the Mount Diablo Meridian:

Township 15 North, Range 19 East, Section 23

The easement for Kings Canyon Road is more particularly described and depicted in the attached Exhibit 2A and Exhibit 2B.

If any subsequent survey of said highway shows that any portion crosses National Forest Service land, not described herein, this Highway Easement Deed shall be amended to include the additional lands traversed.

Subject to the following terms, conditions, and covenants:

1. This right of way easement is subject to existing rights as of the date of this grant and the Grantee shall obtain additional rights as may be necessary relating to any such outstanding valid claims.
2. The Grantee shall maintain the right of way and highway facilities to acceptable standards of repair, orderliness, neatness, sanitation and safety.
3. Consistent with AASHTO highway safety standards, the Grantee shall:
 - a. Comply with all Federal, State and local laws and regulations existing, or hereafter enacted or promulgated, concerning any hazardous material that will be used, produced, transported or stored within the right of way. Promptly and properly clean up, mitigate, and remedy, if necessary, all spills of petroleum products, hazardous materials, or other chemical or biological products;
 - b. Grantee shall not use the right of way for disposal of toxic or hazardous material, including asphalt.
4. The Grantee does hereby covenant and agree that it shall not transfer or assign any interest granted hereby without the prior written consent of the Department, to be granted or withheld in its sole discretion.
5. The Grantee will provide an opportunity for the Forest Supervisor to review plans for any significant realignment or reconstruction of the highway within the easement.
6. The Grantee, in consideration of the grant of this easement, does hereby covenant and agree as a covenant running with the land for itself, its successors and assigns that the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 242) shall be complied with in that:

- a. No person shall, on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over, or under such lands hereby conveyed;
 - b. The Grantee shall use said easement and right of way so conveyed, in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-Assisted Programs of the Department of Transportation, effectuation of Title VI of the Civil Rights Act of 1964, and said regulations as may be amended.
7. The discovery of a use by the Grantee incompatible with that described in this deed may terminate the easement and vest title in the United States. Upon notification of such termination, the Grantee shall reasonably restore the land subject to the easement to the condition which existed prior to the transfer and be responsible for its protection and maintenance until such time as the Grantee executes and records a quitclaim deed documenting the termination of the easement and the vesting of title in the United States.
 8. The Grantee shall reestablish or restore public land monuments, other land monuments identifying property corners or witness markers disturbed or destroyed by construction, reconstruction, or maintenance according to instructions of the Bureau of Land Management, Department of the Interior or in accordance with standards established by applicable federal and state law.

AND further subject to the following terms, conditions, and covenants attached herewith and made a part thereof as stated in Exhibit 01.

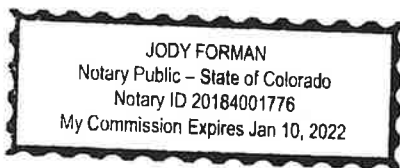
IN WITNESS, WHEREOF, I, Amy Fox, Division Director, pursuant to delegations of authority from the Secretary of Transportation and the Administrator of the Federal Highway Administration, by virtue of authority in me vested by law, have hereunto subscribed my name as of the day and year first above written.

Amy Fox

Federal Highway Administration
Division Director
Central Federal Lands

County of Jefferson State of Colorado,
Before me personally appeared said Amy Fox and
acknowledged the foregoing instrument to be his free act and deed this 15 day of
November, 2021.

(Seal)



Jody Forman
Notary Public
My commission expires Jan 10 2022

In compliance with the conditions set forth in the foregoing Deed, Carson City, Nevada, a consolidated municipality and political subdivision of the State of Nevada ("Grantee"), certifies, and by the acceptance of this Deed, accepts the right of way over certain land herein described and agrees for itself, its successors and assigns forever to abide by the conditions set forth in said Deed. This is to certify that the interest in real property conveyed by the within Deed or grant dated _____, from the United States of America, acting by and through the Department of Transportation, Federal Highway Administration to Grantee is hereby accepted by order of Grantee's Board of Supervisors on _____ and Grantee consents to recordation thereof by its duly authorized officer.

Carson City Mayor and Chairperson of the
Carson City Board of Supervisors

Date

ATTEST:

Carson City Clerk

Date

EXHIBIT 01

OPERATION, MAINTENANCE, AND CONSTRUCTION STIPULATIONS

This transfer being subject to the following terms and conditions as per FHWA and FS MOU:

1. Outstanding valid claims, if any, existing on the date of this grant, and the Grantee shall obtain such permission as may be necessary on account of any such claims.
2. The right-of-way should be nonexclusive with the FS retaining all rights to issue authorizations for uses not inconsistent or incompatible with highway use. The FS shall consult with the Highway Agent on appropriate stipulations to protect the roadway facility prior to the issuance of such authorization.
3. The FS will retain the right to any merchantable timber and all other resource materials not specifically appropriated, within the boundaries of the appropriation. The Highway Agent will notify the FS which timber or other resource materials within the appropriation are scheduled to be removed and the FS will determine whether a timber sale or other authorization for removal is appropriate.
4. All signing within the right-of-way will be installed and maintained by the Highway Agent. The Highway Agent will provide signs to mark National Forest boundaries (both for entering and leaving), intersecting Forest Service roads, directional signs to nearby National Forest information facilities which are staffed throughout the year, and signs to geographic or recreation areas. All signing will be in accordance with the Manual on Uniform Traffic Control Devices. Where feasible, the Highway Agent will install displays (panels or posters), furnished by the FS, at Interstate rest stops near National Forest.
5. The FS may provide conditions protecting the adjacent National Forest System lands from construction and maintenance activities which may cause off-right-of-way adverse effects, such as wildfire, chemical control of vegetation and animals, runoff drainage, and revegetation with nonnative species.
6. The Grantee and the Regional Forester shall make determination as to the necessity for archeological and paleontological reconnaissance and salvage within the right-of-way, and such reconnaissance and salvage to the extent determined necessary because of construction of the highway facility, is to be undertaken by the Grantee in compliance with the acts entitled An Act for the Preservation of American Antiquities, approved June 8, 1906 (34 Stat. 225, 16 U.S.C. 432-433), the Archaeological Resources Protection Act of 1979 (93 Stat. 721, 16 U.S.C. 470aa-470ll), and State laws where applicable.

7. The easement herein granted is limited to use of the described right-of-way and the space above and below the established grade line of the highway pavement for the purpose of operation and maintenance of an existing highway and does not include the grant of any rights for non-highway purposes or facilities: Provided, that the right of the Forest Service to use or authorize the use of any portion of the right-of-way for non-highway purposes shall not be exercised when such use would be inconsistent with the provisions of Title 23 of the United States Code and of the Federal Highway Administration regulations issued pursuant thereto or would interfere with the free flow of traffic or impair the full use and safety of the highway, and, in any case, the Grantee and the Federal Highway Administration shall be consulted prior to the exercise of such rights; and Provided further, That nothing herein shall preclude the Forest Service from locating National Forest and other United States Department of Agriculture information signs on the portions of the right-of-way outside of construction clearing limits.
8. Consistent with highway safety standards, the Grantee shall:
 - a. Protect and preserve soil and vegetative cover and scenic and esthetic values on the right-of-way outside of construction limits.
 - b. Provide for the prevention and control of soil erosion within the right-of-way and adjacent lands that might be affected by the construction, operation, or maintenance of the existing highway, and shall vegetate and keep vegetated with suitable species all earth cut or fill slopes feasible for revegetation or other areas on which ground cover is destroyed where it is deemed necessary during a joint review between the Regional Forester and the Grantee prior to completion of the highway and the Grantee shall maintain all terracing, water bars, leadoff ditches, or other preventive works that may be required to accomplish this objective. This provision shall also apply to slopes that are reshaped following slides which occur during or after construction.
9. The Grantee shall establish no borrow, sand, or gravel pits; stone quarries, permanent storage areas; sites for highway operation and maintenance facilities, camps, supply depots, or disposal areas within the right-of-way; unless shown on approved construction plans, without first obtaining approval of the Regional Forester.
10. The Grantee shall maintain the right-of-way clearing by means of chemicals only after consultation with the Regional Forester. Consultation must address the time, method, chemicals, and the exact portion of the right-of-way to be chemically treated.
11. The Grantee will notify the Forest Service when the need for the appropriation no longer exists. Upon notification Forest Service will either (1) accept the highway as is, or (2) require rehabilitation standards that the Grantee must complete. Upon completion of the rehabilitation and acceptance of same by the Forest Service, the Grantee will notify the Department, in writing, of the relinquishment. Upon receipt of this notice of relinquishment, by the Department, the lands appropriated will immediately revert to the Forest Service without further legal action.
12. In advance of any clearing of the right-of-way, construction, or operation and maintenance of the highway commences, the Grantee shall prepare, in cooperation with the Humboldt-Toiyabe National Forest, a fire protection/precaution plan that sets forth

in detail the fire prevention, pre-suppression, and suppression measures that will be taken by the Grantee, its employees, contractors, subcontractors, and the representatives in all operations during the construction/reconstruction, operation, and maintenance of the Highway. The fire plan shall be made available to all bidders prior to letting contract and the Grantee shall cause its contractors to comply with all provisions of the fire plan.

Exhibit 2A

Description in USA Lands Managed by the USFS

Federal Highway Administration Central Federal Lands Highway Division Project FLAP NV 39(1)

Common Name: Kings Canyon Road

Carson City, Nevada

All bearings and distances are shown in grid, based upon the NV WEST 2703 Zone.

Basis of Bearings: The bearing is measured from FHWA Control Point 2002 (a found 3 1/4" Aluminum cap stamped USDA) to FHWA Control Point 2001 (a set 2 1/2" Aluminum cap stamped FHWA). The measured bearing from this survey is N 69° 37' 28" E.

Description prepared by:
 U.S Department of Transportation
 Federal Highway Administration
 Central Federal Lands Highway Division
 Denver, Colorado

Project: NV FLAP 39(1)

Date of Field Work: OCT 2018
 Date of Final Adjustment: OCT 2018

Project Units: US Survey Foot
 Name: United States/State Plane 1983
 Datum: NAD 1983 (Conus)
 Zone: NV WEST 2703
 Epoch: 2010.0000 (from OPUS)
 Geoid: GEOID12B (Conus)
 Vertical datum: NAVD88

POINT NUMBER	STATE PLANE COORDINATES			GEO COORDINATES			STATION	OFFSET
	NORTH	EAST	ELEV	LATITUDE	LONGITUDE	ELLIPSOID HEIGHT		
2001	14730144.69	2278592.83	5064.59	39°09'25.88400"N	119°48'13.75200"W	4984.75	141+02.73	14.9
2002	14728861.36	2275137.56	5434.07	39°09'12.74400"N	119°48'57.42000"W	5354.34	104+42.72	-232.6

USFS Parcel

Commencing at a Federal Highways Control Point 2002 (a found 3 ¼" Aluminum cap stamped USDA) located 233 feet westerly of the road centerline at FHWA Plan Station 104+42.72, Whence a Federal Highways Control Point 2001 (a set 2 1/2" Aluminum Cap stamped FHWA) bears N 69° 37' 28" E, a distance of 3685.89 feet (Basis of Bearing – assumed); Thence N 85° 29' 12" E, a distance of 157.79 feet to the intersection of the westerly Kings Canyon Road right of way and the United States Forest Service (USFS) Boundary Line, said intersection being the POINT OF BEGINNING;

Thence along the USFS Boundary Line, N 89° 43' 14" W a distance of

196.22 feet; Thence S 00° 16' 46" W, a distance of 530.00 feet;

Thence S 89° 43' 14" E, a distance of 512.66 feet;

Thence N 00° 16' 46" E, a distance of 530.00 feet to the USFS Boundary Line;

Thence along the USFS Boundary Line N 89° 43' 14" W, a distance of 316.44 feet to the POINT OF BEGINNING and end point of this parcel description.

Containing 6.24 acres, more or less.

Together with the above described parcel:

Any and all man-made features, including cut and fill slopes and drainage structures adjacent to and appurtenant to said Highway.

Excepting therefrom:

Any portion of said easement upon non-USFS land.

STATE	PROJECT	SHEET
NV	NV FLAP 39(1) KING'S CANYON ROAD	NUMBER
		A1

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION

Exhibit 2B
NV FLAP 39(1)

KING'S CANYON ROAD

HUMBOLDT-TOIYABE NATIONAL FOREST
CARSON CITY, NV
LENGTH 0.81 miles



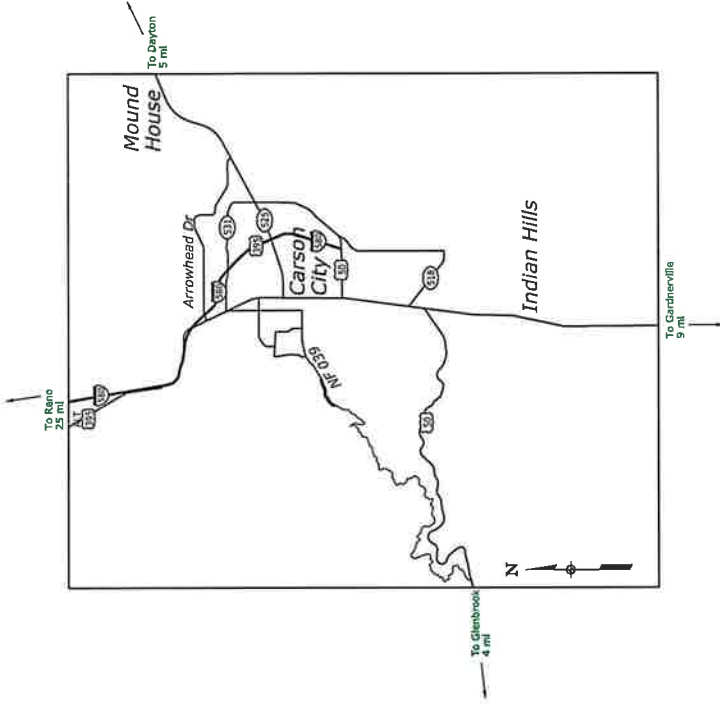
KEY MAP OF NEVADA

TYPE OF CONSTRUCTION:
Road construction, drainage repairs, parking lot construction

SPECIFICATIONS:
"STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES ON FEDERAL HIGHWAY PROJECTS, FP-14"



PLANS PREPARED BY
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION
DENVER, COLORADO



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PROJECT MANAGER | LEAD DESIGNER
ENILIO BURGOS | THOMAS MCCORMY

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION CENTRAL FEDERAL LANDS HIGHWAY DIVISION
NV FLAP 39(1) Kings Canyon Road Exhibit 2B

ABBREVIATIONS

C	centerline	L	length of curve
A	curve data	lat.	latitude
ADT	average daily traffic	LPSM	longitudinal lump sum
agr.	aggregate	LT or LT	left
AH	ahead	low water	low water
alt.	alternate	mag.	magnetic
asph.	asphalt	maint.	maintenance
B	both faces	max.	maximum
b.f.	beginning, begin	min.	minimum
BM	bench mark	mountain(s)	mountain(s)
BP	balance point	N	north
br.	bridge	NC	normal crown
brg.	bearing	neg.	negative
C	concrete box culvert	no. or #	number
CEC	center to center	o.c.	on centers
c-c	center to center	o.f.	other face
cl.	clear	OD	outside diameter
CMP	corrugated metal pipe	PC	point of curve
Co.	county	PC	point of compound curve
col.	column	PCC	paved concrete
constr.	construction	PI	point of intersection
constr. jt.	construction joint	PL	plate
cont.	continuous	POC	point on curve
corr.	corrugated	POS	point on spiral
cr.	creek	POT	point on tangent
CS	center to center	proj.	project
ctrs.	centers	psi	pounds per square inch
CTSM	contingent sum	PT	point of tangent
culv.	culvert	pvmt.	pavement
D	diameter	quant., Qty	quantity
DIV	drop inlet	R	range
DI	drop inlet	R/W	right-of-way
dia. or D	diameter	rd.	road
diag.	diagonal	rdwy.	roadway
diaph.	diaphragm	reconst.	reconstruction
dist.	distance	reinf.	reinforcement
Dist.	district	reqd.	required
DLC	donation land claim	res.	reservation
dwg(s).	drawing(s)	Ret.	retaining wall
E	elevation	RT or RT	reference hub
Ei. 94.066	super-elevation rate	route	route
elev.	elevation	S	south
emb.	embankment	SADT	seasonal average daily traffic
Eng(s).	Engineer(s)	SC	section
EQ or eq.	equation	sec.	spacing, Spaces or Spaced
ER	edge of road	shldr.	shoulder
et al	and others	spa.	spacing, Spaced
et ux	and wife	spec.	specification
ext.	extension	str.	street
exp. jt.	expansion joint	sta.	station
ext.	exterior	std.	standard
F	fill face	stiff.	stiffener
f.f.	flared end section	str.	structural
Fed.	federal	sym.	symmetrical
FES	finish	T	tangent
fin.	finish	T	tangent
ftg.	footing	TBM	temporary bench mark
g.	gauge (gauge)	TCE	temporary construction easement
gal.	gallon	TS	point of tangent to spiral
gir.	girder	typ.	typical
H	headwall	vert.	vertical
HES	homestead entry survey	vph	vehicles per hour
hex.	hexagon	vpi	vertical point of intersection
horiz.	horizontal	W	west
HW	high water		
HW	highway		
I	inside diameter		
ID	inclusive, including		
incl.	inclusive, including		
int.	interior		
int. or joint.	joint		
J	joint		

DRAINAGE SYMBOLS

	Ditch (Existing, Proposed)
	Flow Arrow
	Drainage or Small Creek
	Lake, Pond or Reservoir
	Large Creek
	Wetland
	River
	Spring
	Bridge (Existing, Proposed)
	Box Culvert (Existing, Proposed)
	Pipe Culvert (Existing, Proposed)
	With End Sections (Existing, Proposed)
	With Headwalls (Existing, Proposed)
	With Drop Inlet (Existing, Proposed)
	Undersdrain (Existing, Proposed)
	Riprap Apron (Proposed)

EROSION & SEDIMENT CONTROL SYMBOLS

	Bonded Fiber Matrix Mulching
	Check Dam
	Diversion Berm
	Rolled Erosion Control Product
	Riprap
	Fiber Roll (Ditch and/or Cut Slope)
	Silt Fence
	Temporary Inlet Protection
	Fiber Roll (Slope Protection)

FENCE & CATTLEGUARD SYMBOLS

	Fence (Existing, Proposed)
	Fence w/ Gate (Existing, Proposed)
	Cattleguard (Existing, Proposed)

GEOLOGIC SYMBOLS

	Boring Location (Existing, Proposed)
	Material Source

PROJECT SPECIFIC SYMBOLS

GUARDRAIL, BARRIER & WALL SYMBOLS	
Guardrail (Existing, Proposed)	
Guardwall (Existing, Proposed)	
Median & Side Barrier (Existing, Proposed)	
Retaining Wall (Existing, Proposed)	
ROADWAY SYMBOLS	
Clearing/Construction Limits	
Slope Stake Limits	
Top of Cut	
Transition	
Toe of Fill	
Edge of Roadway	
Existing	
Proposed	
Roadway Centerline (With Station ticks)	
Roadway Obliteration	
SIGN SYMBOLS	
Commercial (Existing, Proposed)	
Delineator (Existing, Proposed)	
Portable (Proposed)	
Post Mounted (Existing, Proposed)	
UTILITY SYMBOLS	
Irrigation Ditch	
Underground (Existing, Proposed)	
Surface (Existing, Proposed)	
Support Pole (Existing, Proposed)	
Support Pole Anchor (Existing, Proposed)	
Street Light (Existing, Proposed)	
Telephone Booth (Existing, Proposed)	
Telephone Pedestal (Existing, Proposed)	
Underground Utility (Existing, Proposed)	
CATV	
Fiber Optic	
Gas	
Oil	
Power	
Sanitary Sewer	
Telephone	
Water	
Overhead Utility Line (Existing, Proposed)	
CATV	
Fiber Optic	
Power	
Telephone	

LANDSCAPING & VEGETATION SYMBOLS	
Tree	
Treeline	
MAPPING SYMBOLS	
Building (Existing, Proposed)	
Coordinate Grid Tick	
North Arrow	
Railroad	
Single Track	
Double Track	
Spot Elevation	
Trail	
Survey Control Point	
RIGHT-OF-WAY SYMBOLS	
Boundaries	
National	
State	
County	
City	
Township or Range Line	
Section	
1/4 Section	
1/8 Section	
Bureau of Indian Affairs	
Bureau of Land Management	
National Forest	
National Park	
National Wildlife Refuge	
Easements	
Permanent (Existing)	
Permanent (Proposed)	
Temporary (Proposed)	
Monument (As described)	
Parcel Number	
Property Line	
Right-of-Way Line (Existing)	
Right-of-Way Line (Proposed)	
Section Corner (Found, Projected)	
1/4 Section Corner (Found, Projected)	
1/8 Section Corner (Found)	

Users: thomas.mccarty, 5/12/2020, 9:01:31 PM, C:\WMS\11\Roadway\CADD_Sheets\A-Gen_Sht\1sym.dgn

Review FP14, Section 152.02

Project : NV FLAP 39(1)
 Date Of Field Work : OCT 2018
 Date Of Final Adjustment : OCT 2018
 Project Units : US Survey Foot
 Name : United States/State Plane 1983
 Datum : NAD 1983 (Conus)
 Zone : NV WEST 2703
 Epoch : 2010.0000 (from OPUS)
 Geoid : GEOID128 (Conus)
 Vertical datum : NAVD88

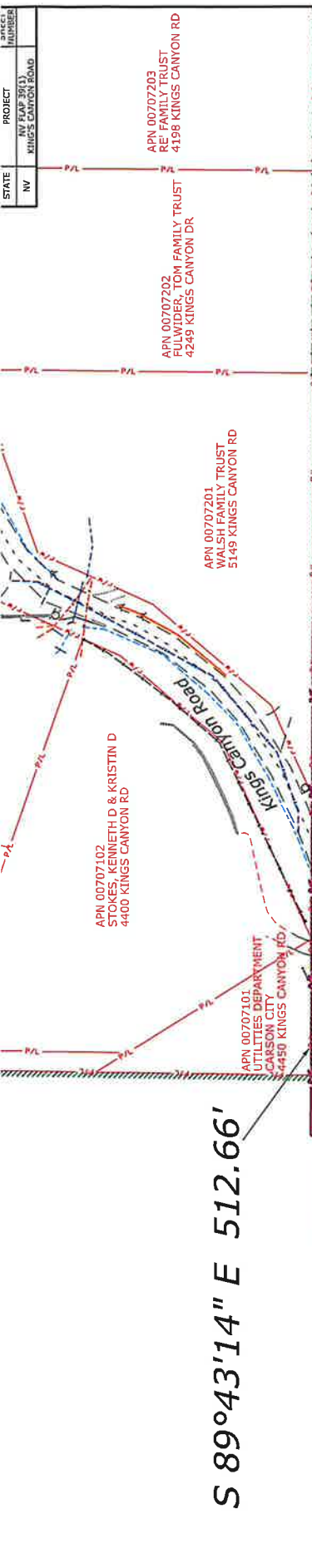
Gpk File Dated :
 Gpk File Name : Alignment:

POINT NUMBER	STATE PLANE COORDINATES			GEO COORDINATES			MAPPING ANGLE	COMBINED FACTOR	STATION	OFFSET	DESCRIPTION
	NORTH	EAST	ELEVATION	LATITUDE	LONGITUDE	ELLIPSOID HEIGHT					
2001	14730144.69	2278592.83	5064.59	39°09'25.88400"N	119°48'13.75200"W	4984.75	-0°46'16"	0.99979865	141+02.73	14.9	CARSON CITY CAP
2002	14728861.36	2275137.56	5434.07	39°09'12.74400"N	119°48'57.42000"W	5354.34	-0°46'41"	0.99978373	104+42.72	-232.6	USDA AC
PROJECT AVERAGES = 0.99979119											

NOTE: TO PRECISELY CHECK DISTANCES BETWEEN POINTS AS MEASURED ON THE GROUND :
 INVERSE THE STATE PLANE COORDINATES AND DIVIDE THE COMPUTED DISTANCE
 BY A MEAN COMBINED FACTOR OF THE TWO POINTS.
 TO COMPUTE GEODETIC AZIMUTHS USE THE FOLLOWING FORMULA :
 GEODETIC AZIMUTH = GRID AZIMUTH + MAPPING ANGLE

NO.	DESCRIPTION REVISIONS (OR CHANGE NOTICES)	DATE	INIT.
6			
5			
4			
3			
2			
1			

PROJECT NUMBER	STATE	PROJECT
00707203	NV	AV FLAP 39(13) KINGS CANYON ROAD



HUMBOLDT-TOIYABE NATIONAL FOREST

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
CENTRAL FEDERAL LANDS HIGHWAY DIVISION

HIGHWAY EASEMENT DEED
HUMBOLDT TOIYABE
NATIONAL FOREST

