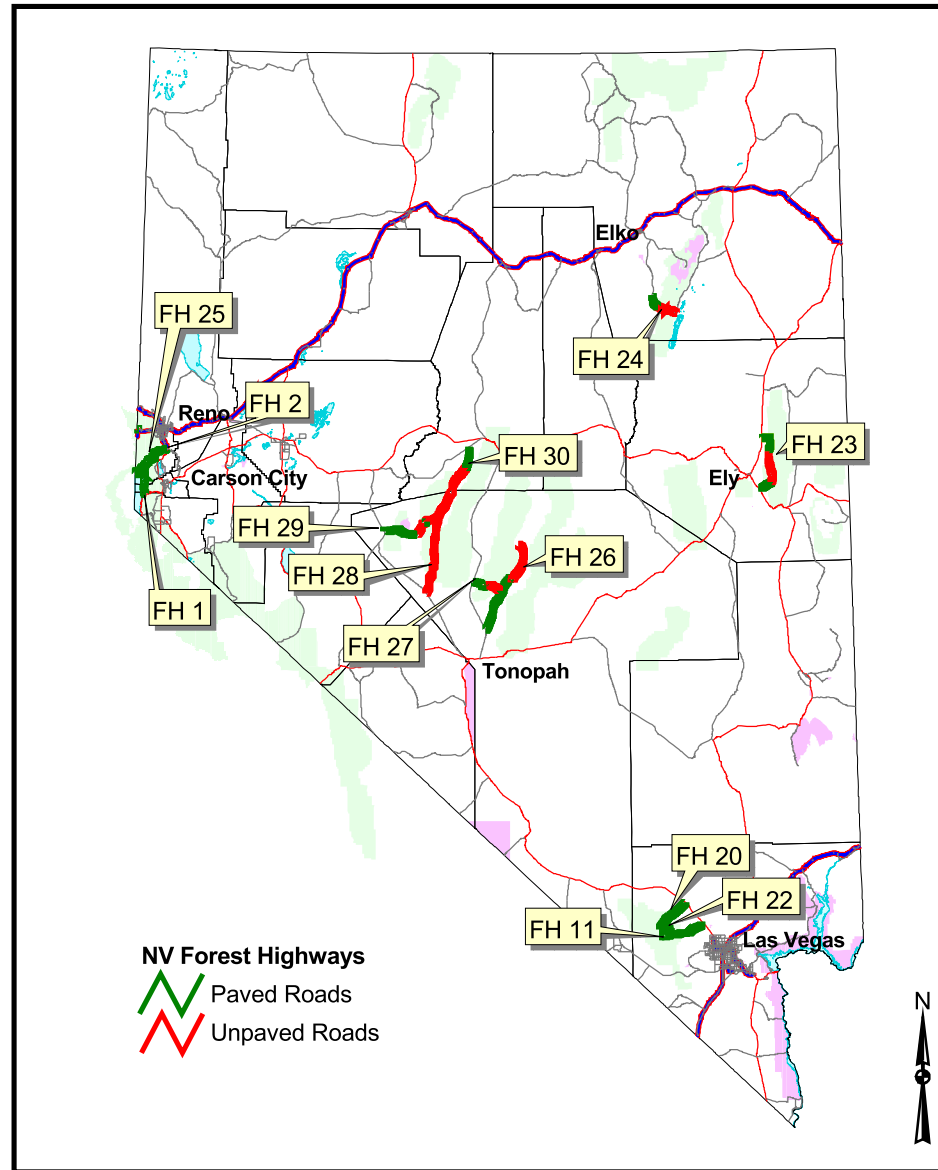




# NEVADA

## Forest Highway Network and Planning Data 2008



Prepared by:  
Federal Highway Administration  
Central Federal Lands Division

July 2008



## **SUMMARY:**

The following is a report on the status of the Forest Highway Network in the State of Nevada. The data was taken from Nevada Department of Transportation (NDOT) road evaluation in the summer of 2006. The purpose of the report is to document the condition of the Forest Highway Network and provide data for pavement and bridge management systems. The report identifies potential sections for 3R projects. Nonetheless, the sections should be reviewed in the field by those involved in programming and project development before any specific projects are selected. The sections are based on political boundaries (county lines) and HPMS traffic data rather than condition changes. Therefore, each section should be scrutinized before project limits are determined. Lengths of segments have been scrutinized for errors and changed where needed. All the bridges are in the National Bridge Inventory System and therefore have the data for structural deficiency and functional obsolescence and have been assigned a sufficiency rating by the Headquarters of the FHWA.

The Nevada Forest Highway Network contains 13 routes amounting to 298.44 miles (480.19km).

## **CONTENTS AND DESCRIPTION OF THIS REPORT:**

Graphs: Shows the average conditions of all state-owned highways over time, starting in 1998. There are three sections: miles-by-condition rating, average condition by route, and average condition by county.

Description Sheets: Shows a basic map of the route with segments plus a description of the route's termini, functional class, and other useful information.

Pavement Condition Sheets: Shows the condition data, averaged by segment, of the route along with traffic data. The map shows the condition of the route by color code, plus termini descriptions and other features along the route. The map shows the actual un-averaged condition of the route which may not correspond to the averaged data. This change was made to allow for faster evaluation of potential projects.

Bridge Condition Sheets: Shows the bridge locations and length, width, and condition information from the National Bridge Inventory.

**POTENTIAL 3R PROJECTS:**

All the Nevada FH routes were inspected by the NDOT Planning and Pavement Management personnel. Nevada uses the International Roughness Index (IRI) to evaluate their pavements. IRI is measured directly in inches of vertical roughness per mile of pavement. Vertical mounted accelerometers over each wheel path are used to measure the roughness over the full length of each section. The values reported are the “half car simulation” IRI. This factors both the left and right wheel path providing the ride quality felt by the vehicle occupants, not the roughness of the individual wheel paths.

Pavement Condition Ratings (PCR) are determined using distress ratings based primarily on the IRI. With the current formulas, a road is considered failed when its PCR falls to 40 or below. Poor roads have a PCR between 41 and 50, fair roads have a PCR between 51 and 70, good roads have a PCR between 71 and 80, and excellent roads have a PCR of 81 and above.

FH Route	Segment	Local Route #	Route Name	County	Start MP	End MP	Length (mi)	Length (km)	ADT	Width (ft)	IRI	PCR	Distress
26	3	CR-82	Belmont Road	Nye	25.94	27.00	1.06		60	24	264	34	Failed
30	3	CR-21	Reese River Road	Lander	12.35	22.12	9.77		70	20	204	43	Poor
27	2	FDR-014	Manhattan Road	Nye	0.00	0.68	0.68		120	24	198	44	Poor
25	2	Bridge Street	Dog Valley	Washoe	0.33	0.95	0.62		290	20	197	45	Poor
26	1	CR-82	Belmont Road	Nye	0.00	23.55	23.55		60	24	173	49	Poor
29	8	CR-21	lone Road	Nye	6.22	7.46	1.24		74	24	175	49	Poor

The following is the relative pavement rating based on the IRI value:

IRI Values	PCR	Pavement Rating
Below 53	81 to 100	Excellent
53 to 86	71 to 80	Good
87 to 166	51 to 70	Fair
167 to 220	41 to 50	Poor

IRI Values	PCR	Pavement Rating
Above 220	40 and Below	Failed

**POTENTIAL BRIDGE REPLACEMENT PROJECTS:**

There are 8 bridges on the Forest Highway Network in Nevada. All the bridge data was taken from the National Bridge Inventory System (NBIS). Bridges having a sufficiency rating less than 50, or 80 and less and structurally deficient or functionally obsolete qualify for the National Bridge Replacement Program and should be considered for replacement. Note that some bridges are in the recent or current construction program.

FH	State or Local Route	NBIS Number	MP	Facility	Owner	Width (ft)	Width (m)	Length (ft)	Length (m)	SD	FO	SR
11	SR-157	B609	0.7	Kyle Canyon Wash	NVDOT	42.0	12.8	25.9	7.9			49.5
25	Bridge St	B1688	0.4	Dog Creek	Washoe	32.2	9.8	14.8	4.5		X	63.4
25	Bridge St	B1687	0.5	Truckee River	Washoe	151.9	46.3	18.0	5.5		X	64.4

**Definition of terms:**

**Structurally deficient (SD):** A bridge that (1) has been restricted to light vehicles only, (2) is closed, or (3) requires immediate rehabilitation to remain open.

**Functionally obsolete (FO):** A bridge for which the deck geometry, load carrying capacity (comparison of the original design load to the State legal load), clearance, or approach roadway alignment no longer meets the usual criteria for the system of which it is an integral part.

**Sufficiency rating (SR):** The numerical rating of a bridge based on its structural adequacy and safety, essentiality for public use, and its serviceability and functional obsolescence.

## **CHANGES SINCE LAST REPORT:**

FH 24 – Even though not reflected in this report, Harrison Pass is now paved to approximately MP 11.

## **PAVED CONDITION RATING CHANGES**

In order to more accurately define potential 3R projects, significant changes have been made to the condition rating scale used to determine fair and poor roads. While the formula used to transform IRI to PCR has not changed, the limits used to define fair and poor roads has. These new limits also closely resemble those used by the Federal Highway Administration in their effort to report road conditions based solely on IRI. The new rating scale as defined on pages iii-iv puts the majority of road segments into the fair category. Poor category road segments are now split between poor and failed categories, where failed is anything with an IRI above 220. The new color code for poor is orange, while failed is now red. In addition, all historical ratings have been adjusted to this new scale in the succeeding graphs in this report. Please see the following web document for more information on ride quality and the new rating scale: <http://www.fhwa.dot.gov/policy/2002cpr/ch3b.htm> (Exhibit 3-3).

Please note that FHWA has since simplified their rating scale for their Highway Condition and Performance Reports to include only three categories: Good, Acceptable, and Unacceptable. These categories are useful for reporting generalities in road condition, but for finding potential 3R projects, we feel that their older, diversified condition rating scale is more suitable.

**LIST OF THE CURRENT APPROVED FOREST HIGHWAY NETWORK IN THE STATE  
OF NEVADA**

**(as of July 2008)**

**U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
Nevada Forest Highway Route Descriptions  
(As of July 2008)**

**TOTAL ROUTES**  
13

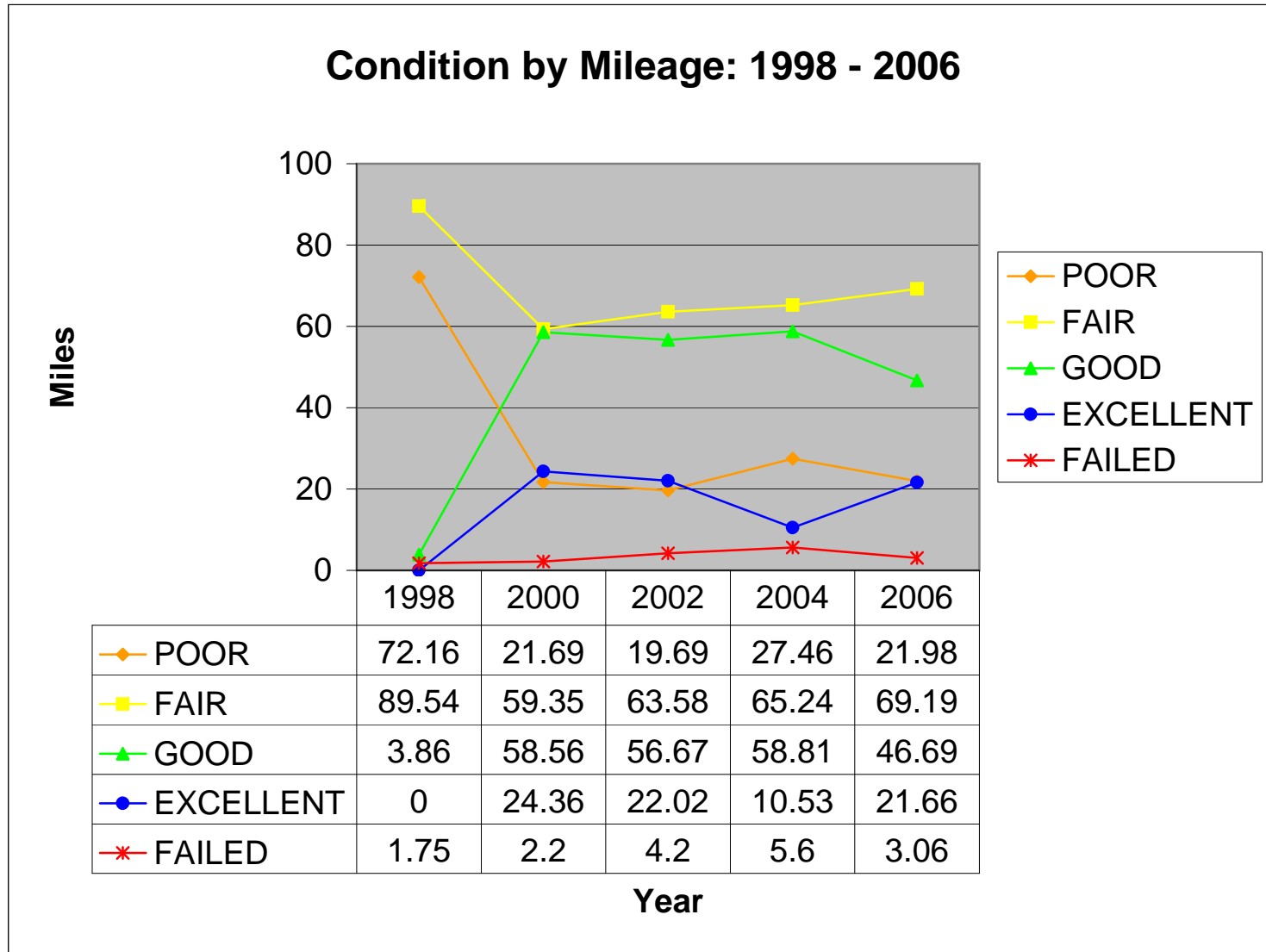
**TOTAL MI/KM**  
298.44  
480.19

<b>FH ROUTE NO.</b>	<b>ROUTE NAME</b>	<b>DESCRIPTION OF TERMINI</b>	<b>NATIONAL FOREST</b>	<b>COUNTY</b>	<b>LENGTH MI.</b>	<b>LENGTH KM.</b>
1	Lake Tahoe	This route starts at the junction with US-50 and proceeds northerly 16.19 miles (26.05 km) on SR-28 to the California State Line.	Lake Tahoe Basin	Washoe Carson City Douglas	16.19	26.05
2	Mount Rose	This route starts at the junction with SH-28 at Incline Village and the proceeds easterly 19.02 miles (30.6 km) on SR-431 to the forest boundary at the junction with Timberline Rd.	Lake Tahoe Basin and Toiyabe	Washoe	19.02	30.60
11	Kyle Canyon	This route starts at the west end of the route near the Cathedral Rock Picnic Area and proceeds easterly 21.25 miles (34.19 km) on SR-157 to the junction with US-95 northwest of Las Vegas.	Toiyabe	Clark	21.25	34.19
20	Lee Canyon	This route starts at the Las Vegas Ski and Snowboard Resort and proceeds easterly 17.54 miles (28.22 km) on SR-156 to the junction with US-95 northwest of Las Vegas.	Toiyabe	Clark	17.54	28.22
22	Deer Creek	This route starts at the junction with SR-157 (FH-11) and proceeds northerly 8.85 miles (14.24 km) on SR-158 to the junction with SR-156 (FH-20).	Toiyabe	Clark	8.85	14.24
23	Steptoe Creek-Duck Creek	This route starts at the junction with US-6/50/93 southeast of Ely and proceeds northerly 33.16 miles (53.35 km) on CR-486 to the junction with US-93 north of McGill.	Humboldt	White Pine	33.16	53.35
24	Harrison Pass	This route starts at the end of SR-228 south of Jiggs and proceeds easterly 17.16 miles (27.61 km) on CR-718 across Harrison Pass to the junction with CR-788.	Humboldt	Elko	17.16	27.61
25	Dog Valley	This route starts at the eastern end of California FH-125, Henness Pass Road, at the California State Line and proceeds southeasterly 0.95 miles (1.53 km) on Bridge Street to the junction with SR-425 in Verdi.	Toiyabe	Washoe	0.95	1.53

<b>FH ROUTE NO.</b>	<b>ROUTE NAME</b>	<b>DESCRIPTION OF TERMINI</b>	<b>NATIONAL FOREST</b>	<b>COUNTY</b>	<b>LENGTH MI.</b>	<b>LENGTH KM.</b>
26	Belmont Road	This route starts at the junction with SR-376 and proceeds northerly 45.85 miles (73.77 km) on CR-82 through the Belmont Townsite, to the junction with FDR-009 (Pine Creek Road) north of the Pine Creek Ranch.	Toiyabe	Nye	45.85	73.77
27	Manhattan Road	This route starts at the junction with SR-376 and proceeds easterly 6.52 miles (10.49 km) along SR-377 to the town of Manhattan and then easterly 9.0 miles (14.48 km) on FDR-014 to the junction with CR-82 (FH-26).	Toiyabe	Nye	15.52	24.97
28	Colverdale Road	This route starts at the junction with CR-89 (Poleline Road) and proceeds northerly 36.9 miles (59.37 km) along FDR-018 to CR-21 (FH-29 west, FH-30 north) and IRR-2 in the Yomba Indian Reservation.	Toiyabe	Nye	36.90	59.37
29	lone Road	This route starts at the junction with SR-361 north of Gabbs and proceeds easterly 16.45 miles (26.46 km) over SR-844 and then easterly 14.03 miles (22.57 km) over CR-21 through lone to FH-28, FH-30 and IRR-2 in the Yomba Indian Reservation.	Toiyabe	Nye	30.48	49.04
30	Reese River Road	This route starts at the junction with FH-28, FH-29 and IRR-2 in the Yomba Indian Reservation and proceeds northerly 13.45 miles (21.64 km) over CR-21 in Nye Co., and then 22.12 (35.59 km) miles on CR-21 in Lander Co. to the junction with SR-722 southwest of Austin.	Toiyabe	Nye and Lander	35.57	57.23



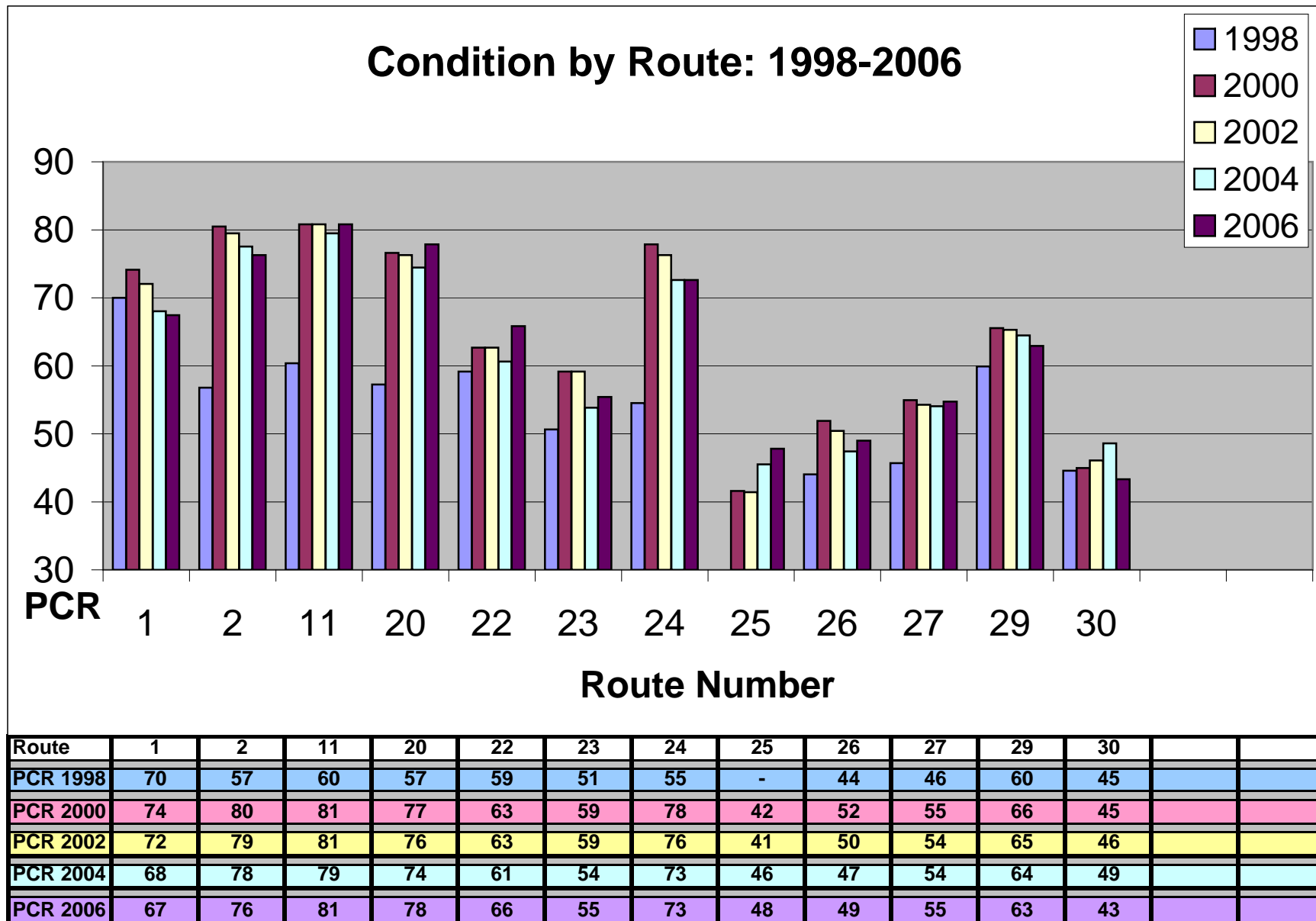
# Nevada Forest Highway Network - Condition by Mileage



Note: For comparison, road segments with no rating data for one or more years are not included in the above graph.

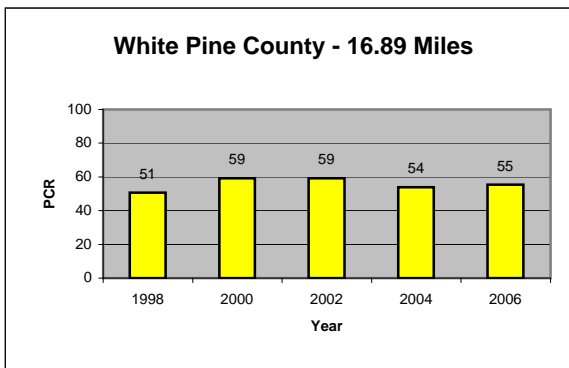
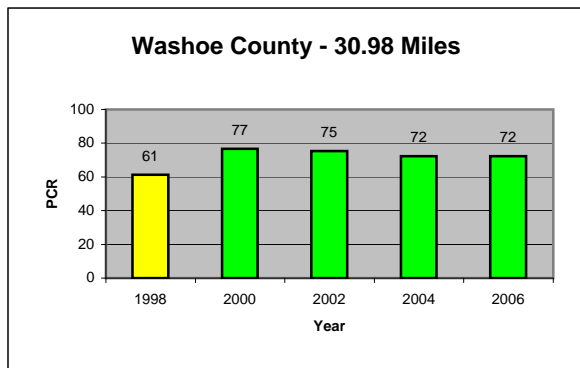
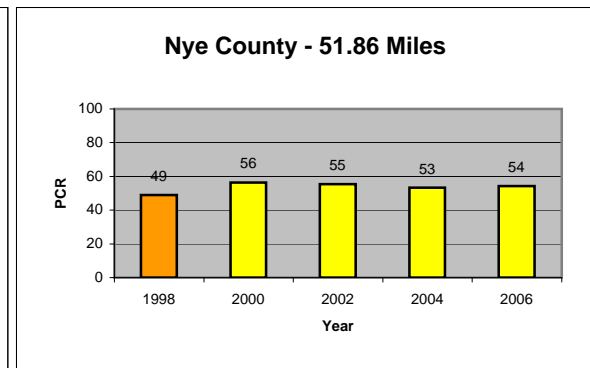
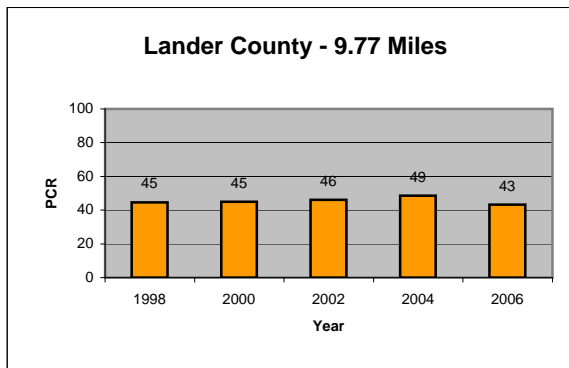
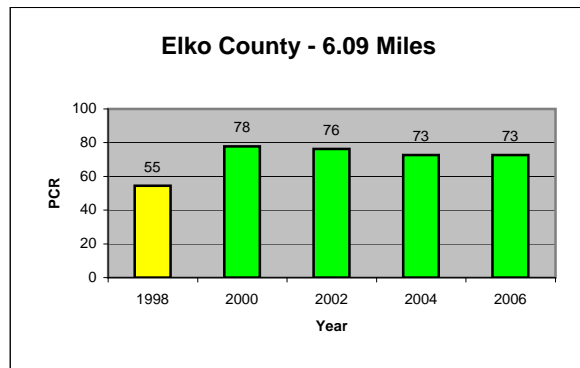
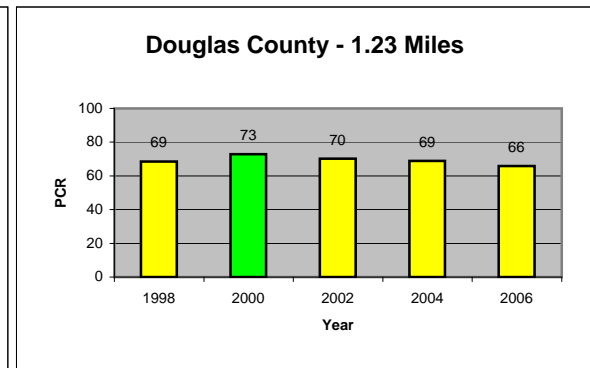
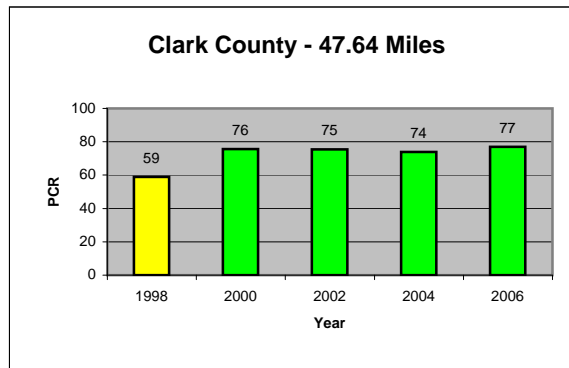
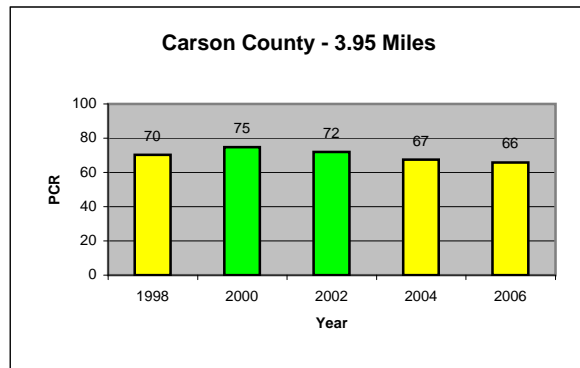
(Figure 1)

# Nevada Forest Highway Network -Condition by Route

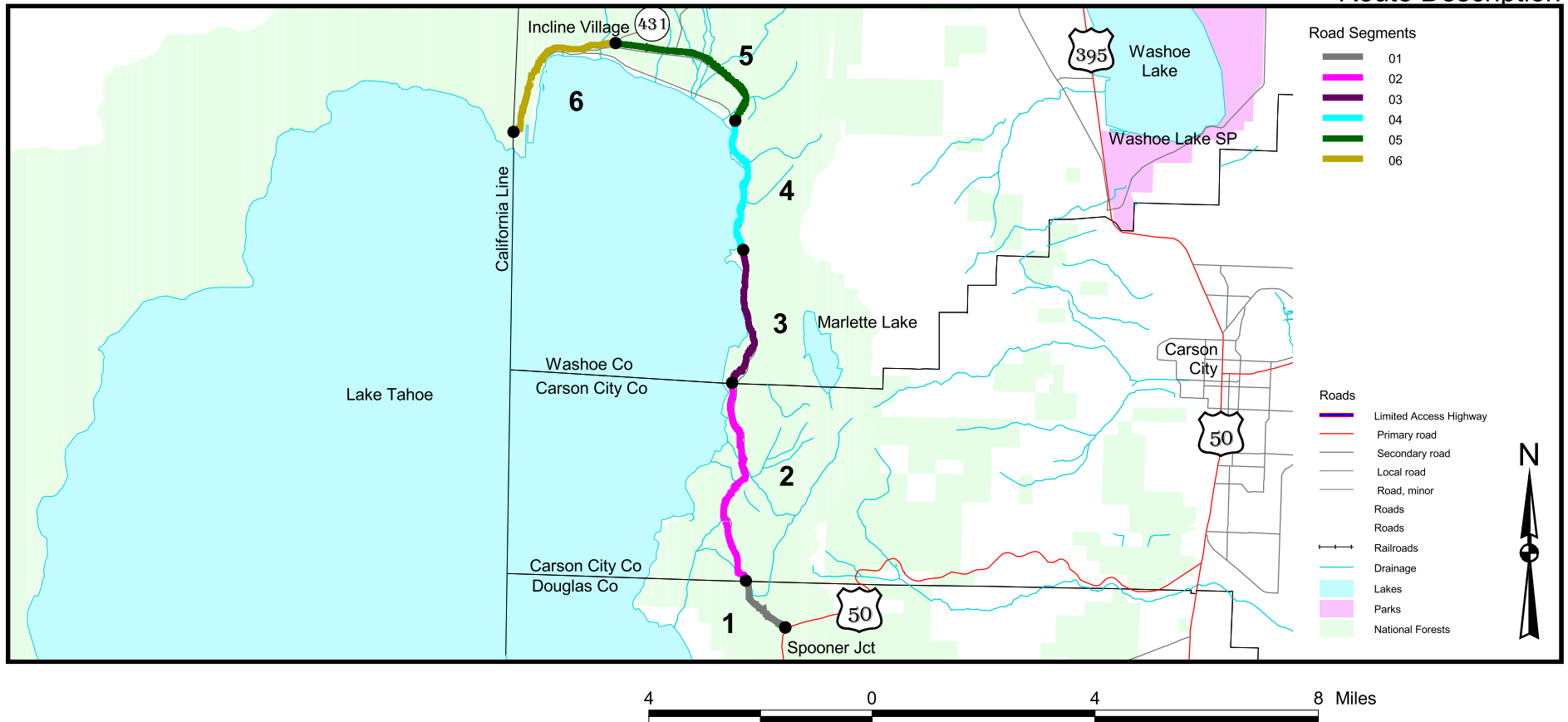


(Figure 2)

# Nevada Forest Highway Network - Pavement Condition Ratings by County



(Figures 3-10)

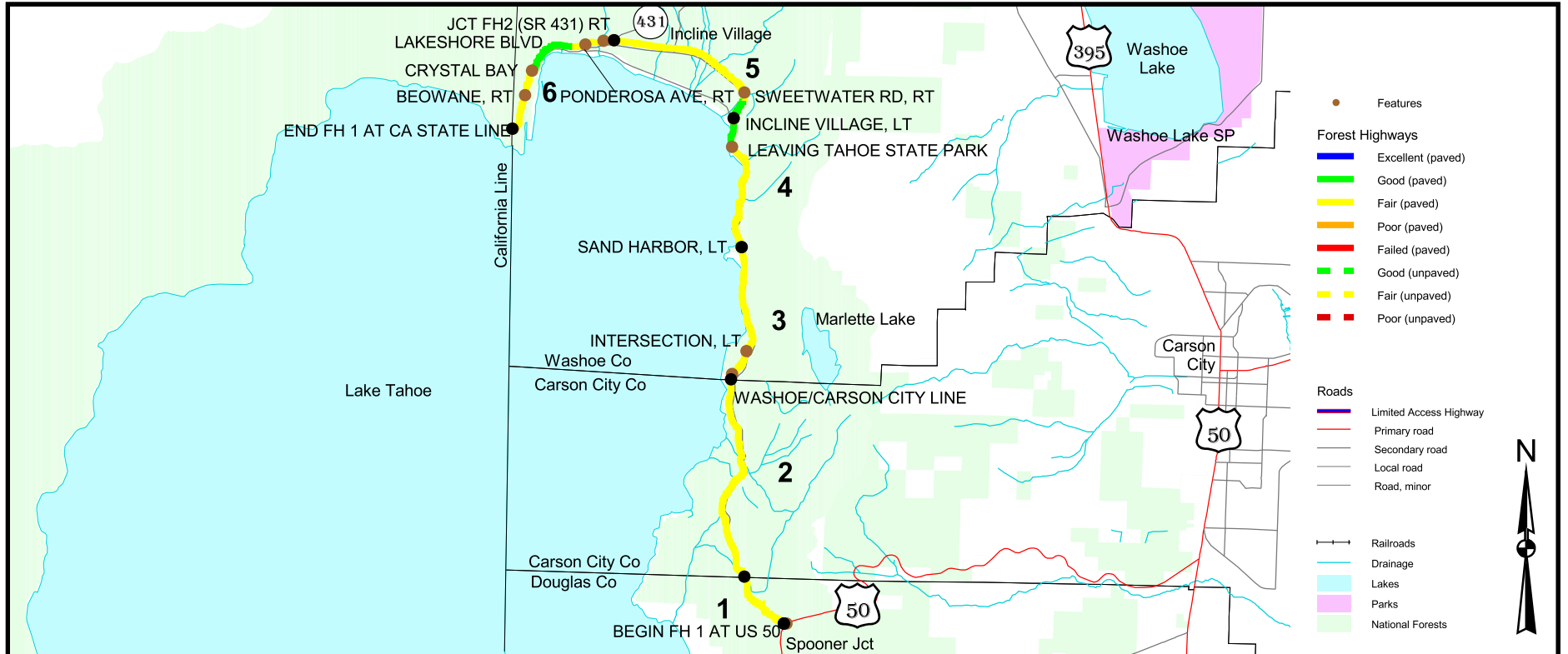


FH-01, Lake Tahoe. This route starts at the junction with US-50 and proceeds northerly 16.19 miles (26.05 km) on SR-28 to the California State Line. It is a State Scenic Byway. The entire route was constructed by the Bureau of Public Roads between 1929 and 1934 and it was entirely resurfaced in 1955.

Evaluation: SR-28 is owned and operated by the Nevada Department of Transportation.. It is functionally classified as a minor arterial through the Lake Tahoe Basin Management Unit. According to Forest Service data, 13% of the traffic is Forest related. Much of the summer traffic are tourists driving for pleasure. The principal Forest resource served is recreation including access to beaches on Lake Tahoe and the Spooner Lake Cross Country Area. The route also serves other local needs including schools, mail delivery, commercial supply and access to private property within the Forest. Sand Harbor State Recreation area is served by the route.

FH 1 Lake Tahoe

Pavement Condition

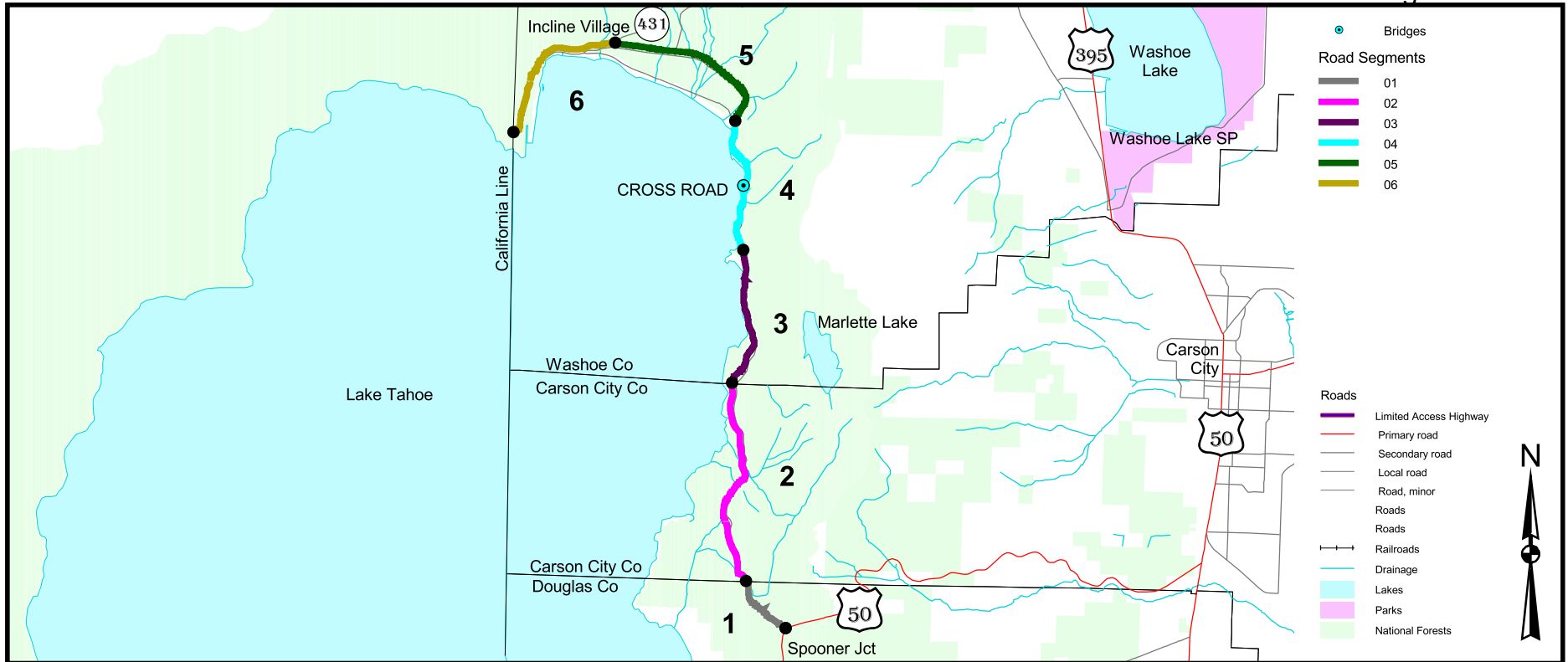


Map above shows the actual condition (paved sections only) which may not correspond to the average condition reported for each segment in the chart below. See Summary page i for more information.

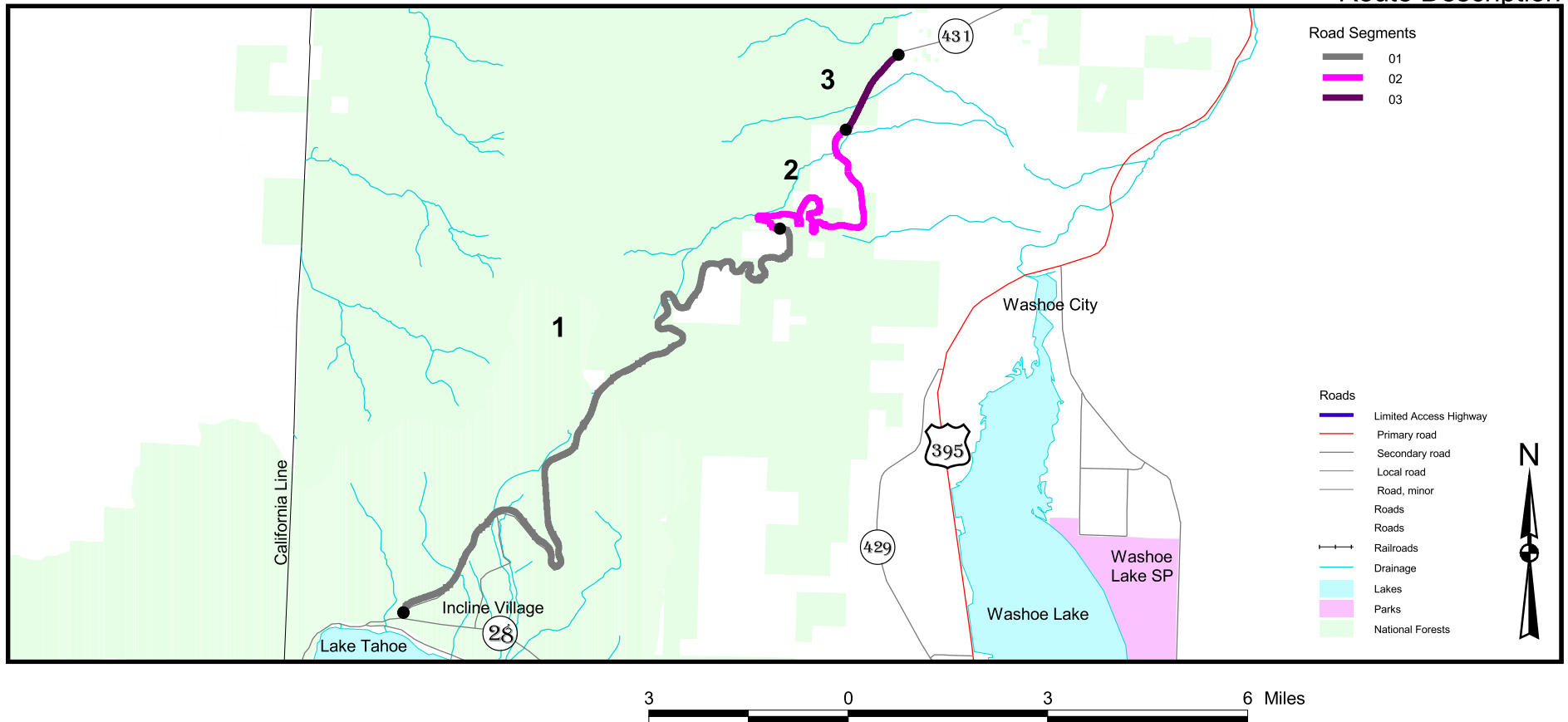


TOTAL ROUTE LENGTH: 16.19 Miles

FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
1	1	SR-28	0.00	1.18	1.18	5650	24	24	Flexible	102	14	66	Fair
1	2	SR-28	1.18	5.08	3.90	5650	24	24	Flexible	102	14	66	Fair
1	3	SR-28	5.08	7.64	2.56	5650	24	24	Flexible	94	15	68	Fair
1	4	SR-28	7.64	10.16	2.52	5900	24	24	Flexible	90	15	69	Fair
1	5	SR-28	10.16	13.31	3.15	6600	24	24	Flexible	99	14	67	Fair
1	6	SR-28	13.31	16.19	2.88	11700	24	24	Flexible	88	16	70	Fair

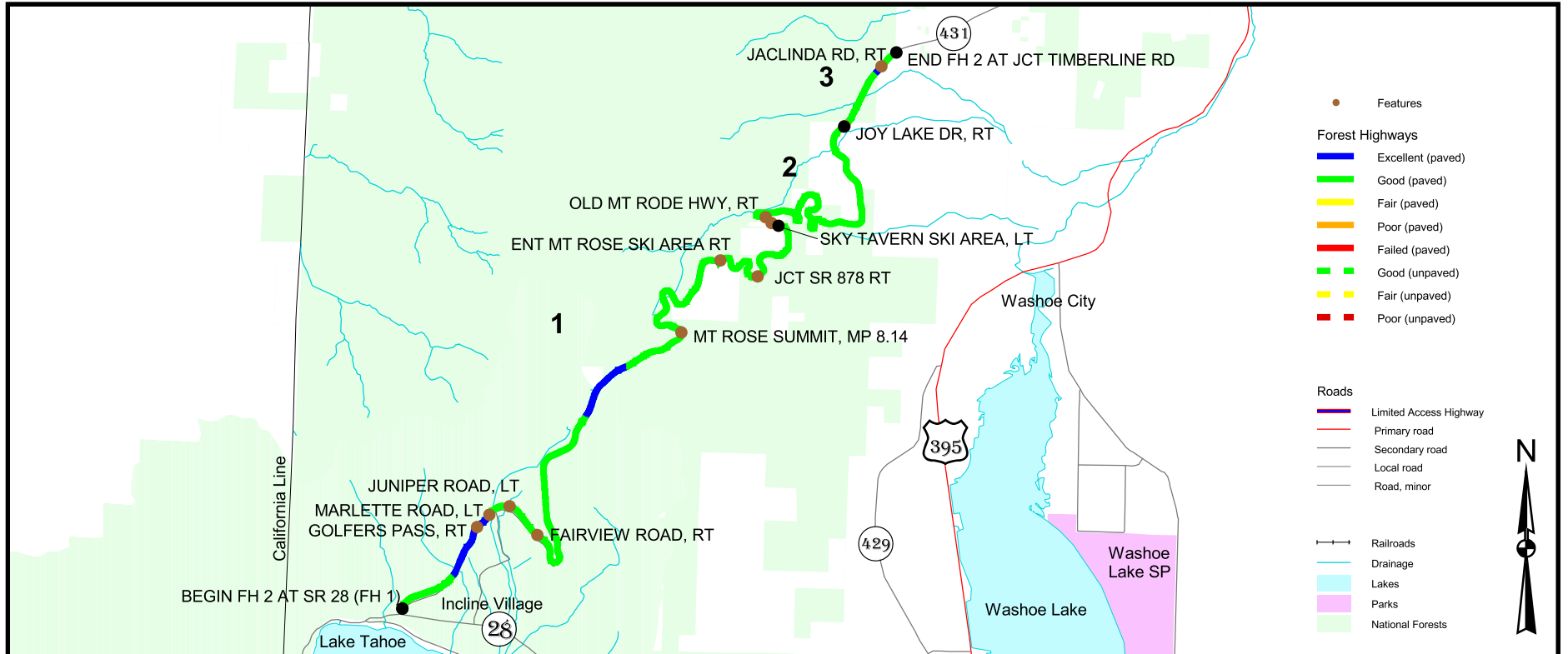


FH	STATE/LOCAL ROUTE	NBIS NUMBER	MP	FACILITY	OWNER	WIDTH (FEET)	LENGTH (FEET)	STRUCTURALLY DEFICIENT?	FUNCTIONALLY OBSOLETE?	SUFF. RATING
1	SR-28	H1249	8.9	CROSS ROAD	NVDOT	35.8	22.0	-	X	82.2



FH-02, Mt. Rose. This route starts at the junction with SH-28 at Incline Village and the proceeds easterly 19.02 miles (30.6 km) on SR-431 to the forest boundary at the junction with Timberline Rd. It is a State scenic byway. The last 5.44 miles of this route was removed from the Network in October of 2002.

Evaluation: SR-431 is owned and operated by the Nevada Department of Transportation. It is functionally classified as a minor arterial through the Toiyabe National Forest and Lake Tahoe Basin Management Unit. According to Forest Service data 13% of the traffic is Forest related. The principal Forest resource served is recreation including five trail heads, the Mt. Rose and Slide Mountain Ski Areas and the Mt. Rose Camp Ground. The Galena Creek County Park is served by the route. The route also serves other local needs including schools, mail delivery, commercial supply and access to private property within the Forest.



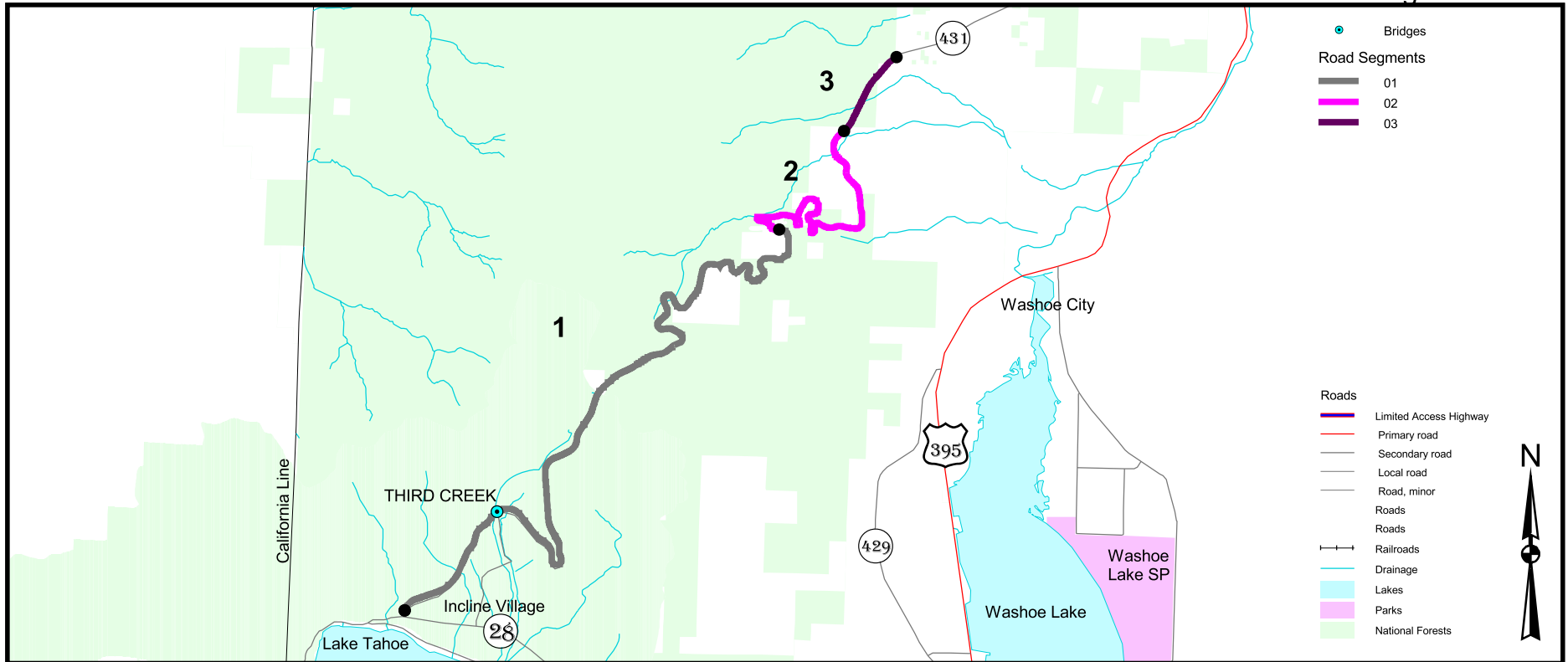
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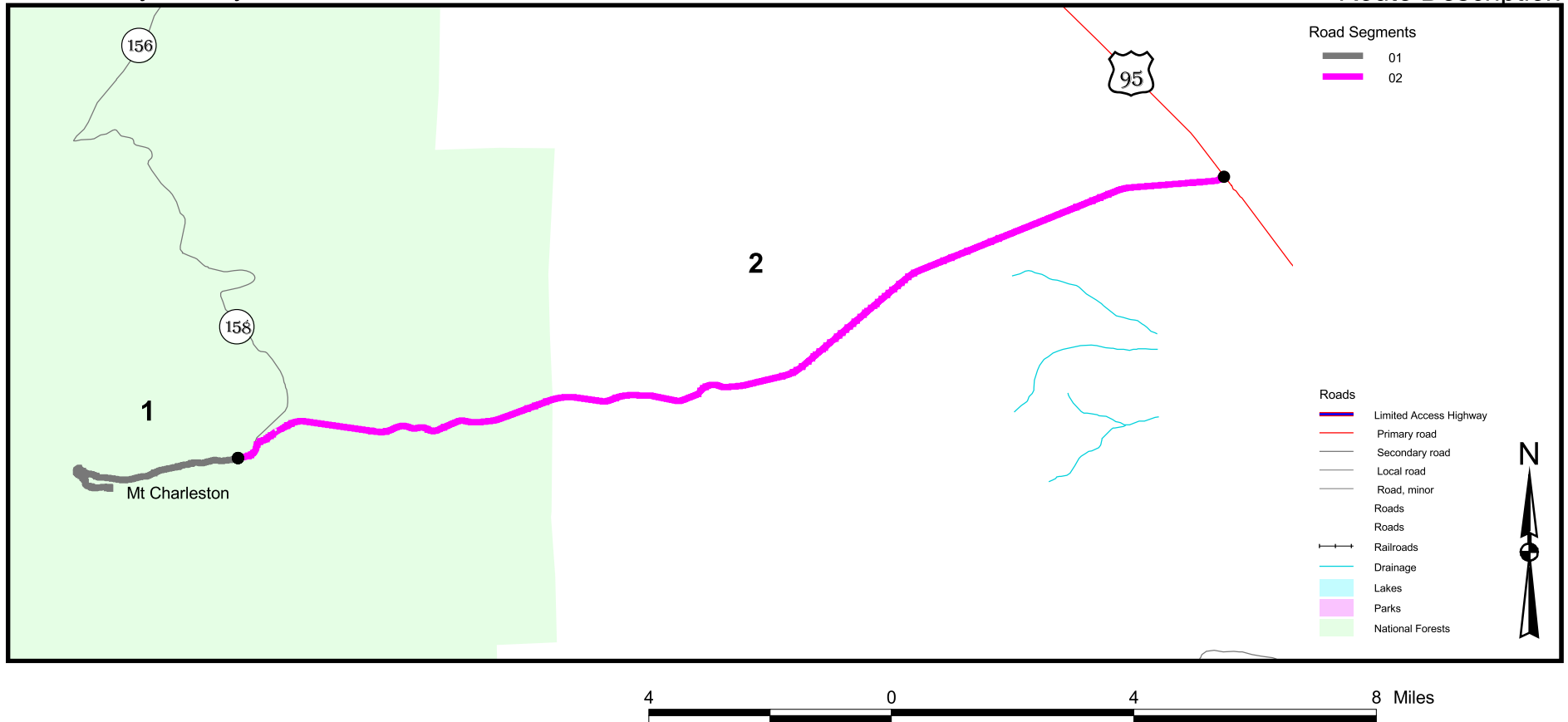
TOTAL ROUTE LENGTH: 19.02 Miles

FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
2	1	SR-431	0.00	12.75	12.75	6200	24	24	Flexible	63	18	77	Good
2	2	SR-431	12.75	17.63	4.88	10400	24	24	Flexible	75	17	74	Good
2	3	SR-431	17.63	19.02	1.39	10800	24	24	Flexible	66	18	76	Good



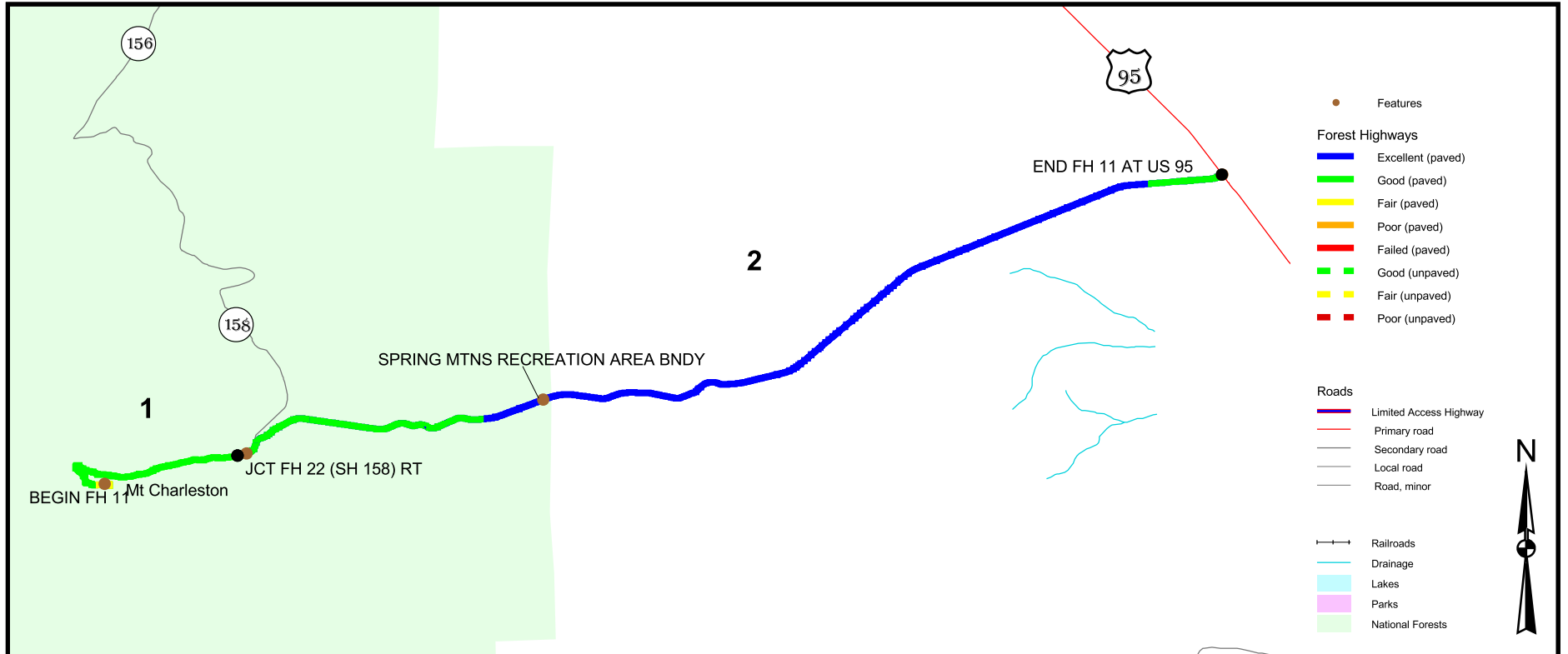


FH	STATE/LOCAL ROUTE	NBIS NUMBER	MP	FACILITY	OWNER	WIDTH (FEET)	LENGTH (FEET)	STRUCTURALLY DEFICIENT?	FUNCTIONALLY OBSOLETE?	SUFF. RATING
2	SR-431	B1521	2.2	THIRD CREEK	NVDOT	42.0	63.0	-	-	81.8



FH-11, Kyle Canyon. This route starts at the west end of the route near the Cathedral Rock Picnic Area and proceeds easterly 21.25 miles (34.19 km) on SR-157 to the junction with US-95 northwest of Las Vegas.

Evaluation: SR-157 is owned and operated by the Nevada Department of Transportation. It is functionally classified as an urban collector within the Las Vegas urbanized with the remainder classified as a major collector serving the Toiyabe National Forest. According to Forest Service data, the traffic is 0% Forest related. This must be an error. The principal Forest resource served is recreation including six trail heads, three campgrounds, and a large picnic area. The route also serves other local needs including schools, mail delivery, commercial supply and access to private property within the Forest.

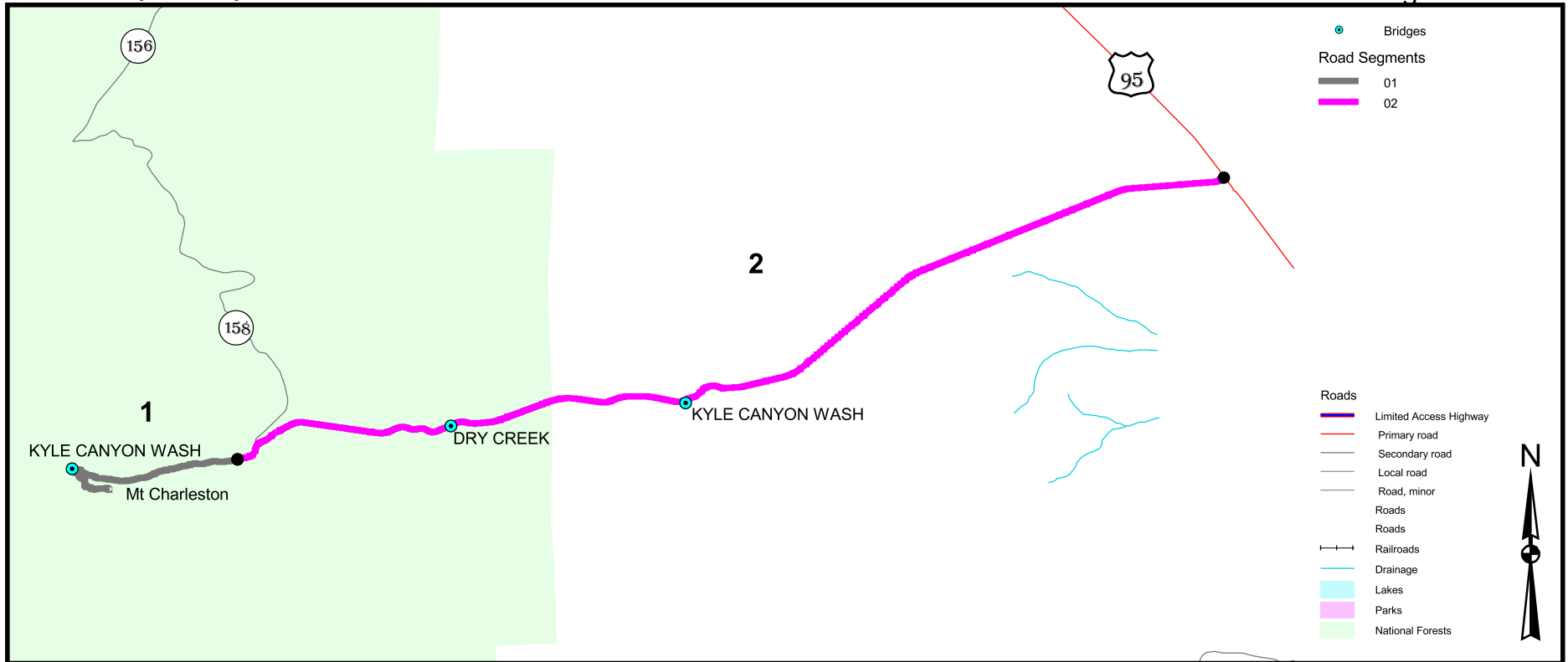


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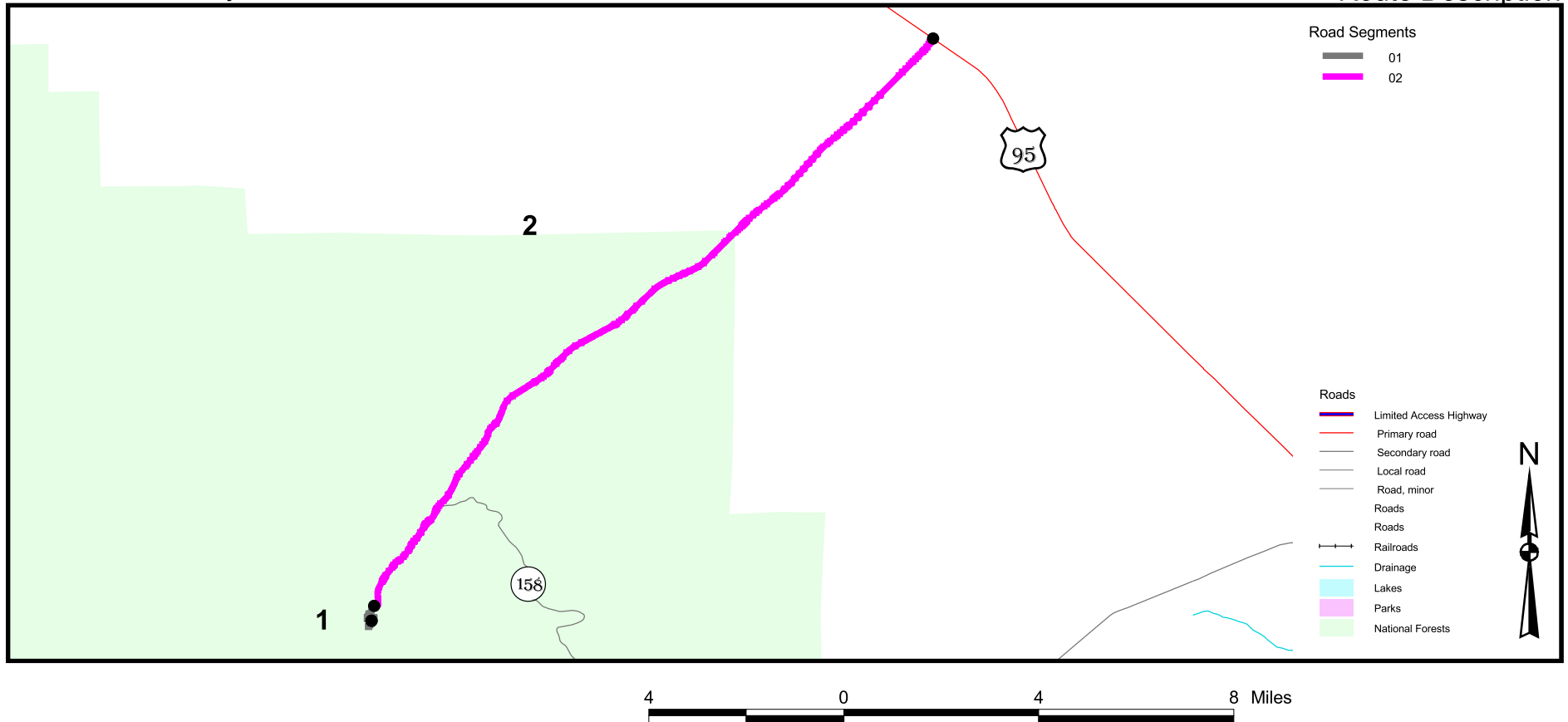


TOTAL ROUTE LENGTH: 21.25 Miles

FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
11	1	SR-157	0.00	3.60	3.60	1650	22	22	Flexible	83	16	71	Good
11	2	SR-157	3.60	21.25	17.65	2750	24	22	Flexible	45	20	83	Excellent

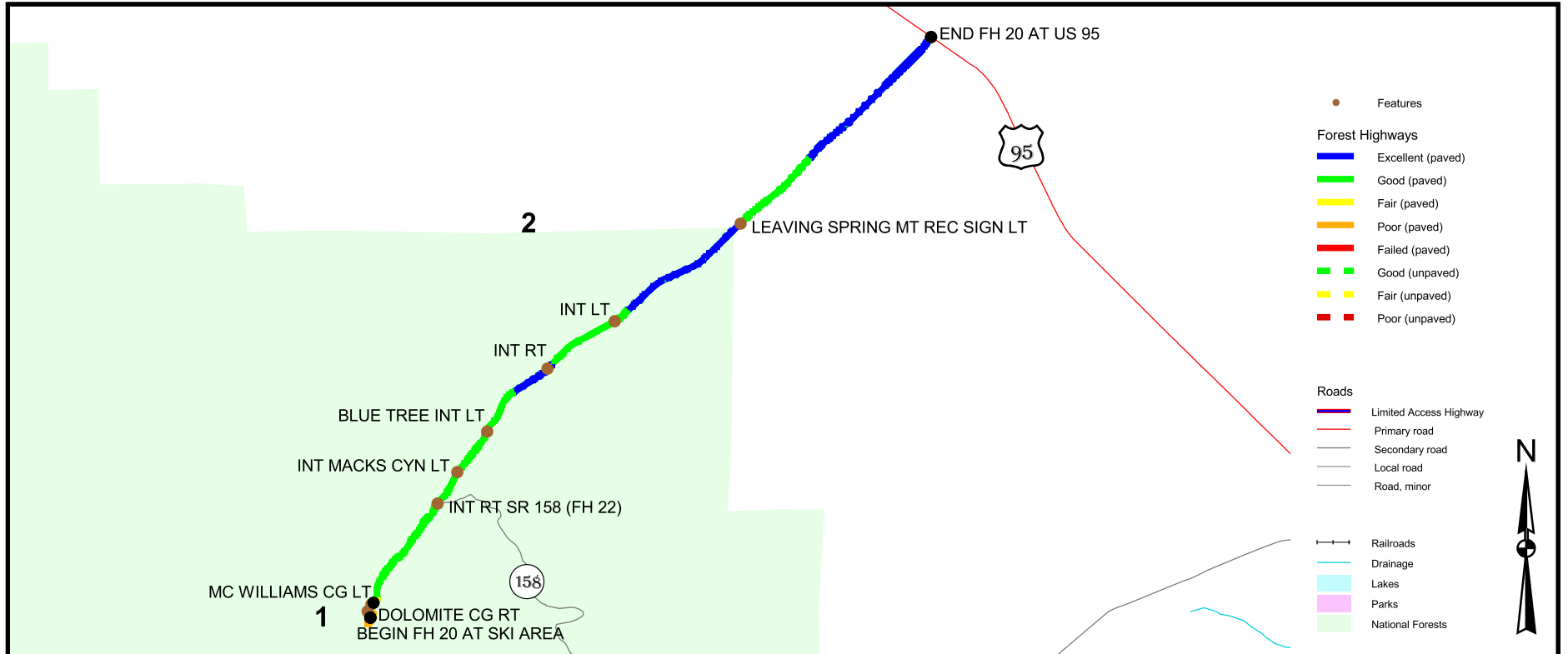


FH	STATE/LOCAL ROUTE	NBIS NUMBER	MP	FACILITY	OWNER	WIDTH (FEET)	LENGTH (FEET)	STRUCTURALLY DEFICIENT?	FUNCTIONALLY OBSOLETE?	SUFF. RATING
11	SR-157	B609	0.7	KYLE CANYON WASH	NVDOT	25.9	42.0	-	-	49.5
11	SR-157	B610	7.3	DRY CREEK	NVDOT	25.9	32.2	-	-	86.7
11	SR-157	B612	11.3	KYLE CANYON WASH	NVDOT	25.9	56.1	-	-	85.7



FH-20, Lee Canyon. This route starts at the Las Vegas Ski and Snowboard Resort and proceeds easterly 17.54 miles (28.22 km) on SR-156 to the junction with US-95 northwest of Las Vegas.

Evaluation: SR-156 is owned and operated by the Nevada Department of Transportation. It is functionally classified as a major collector serving the Toiyabe National Forest. According to Forest Service data, the traffic is 0% Forest related. This is an error. The principal Forest resource served is recreation including one trail head, two campgrounds, two picnic areas and the Las Vegas Ski and Snowboard Resort. There is also a Girl Scout Camp and a Youth Camp served from roads connecting to SR-156. The route also serves other local needs including commercial supply and access to private property within the Forest.

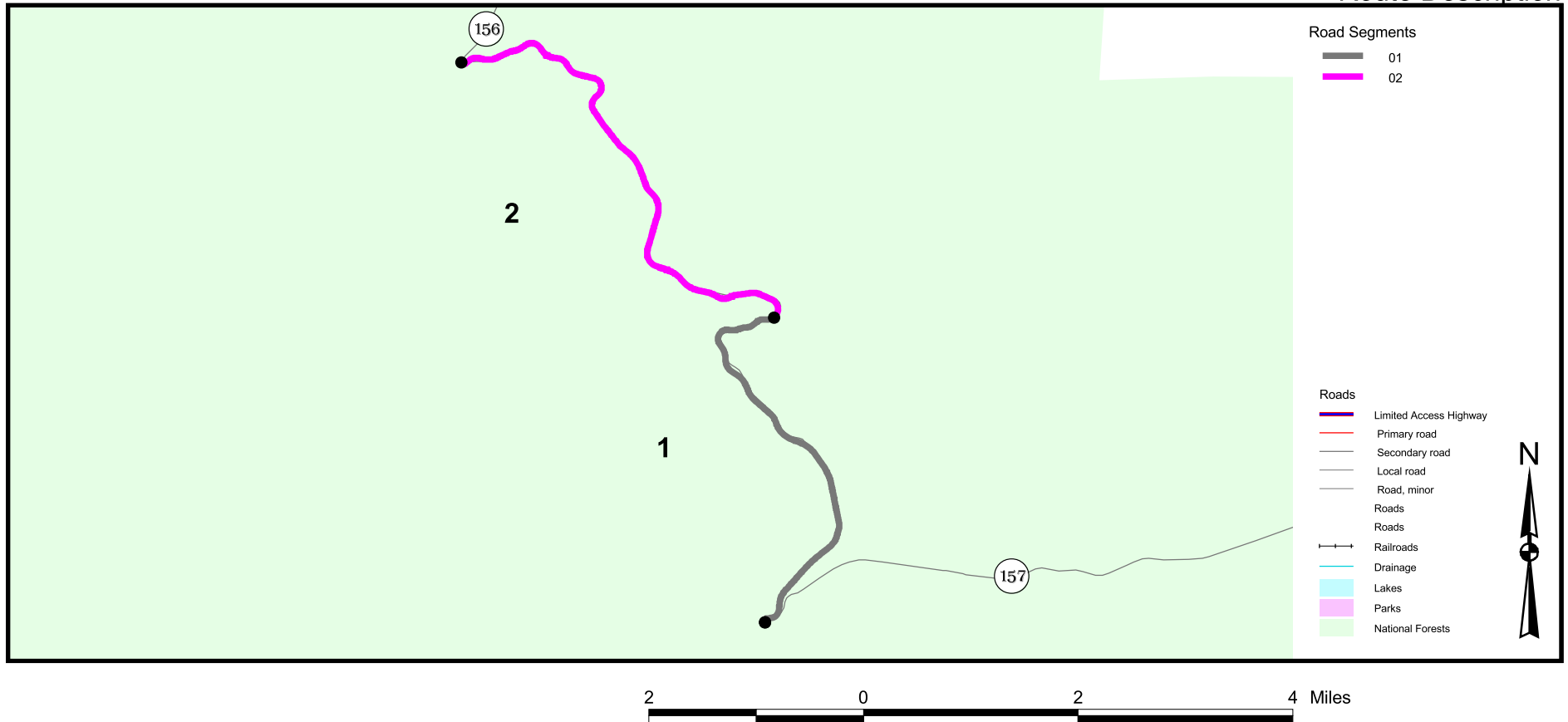


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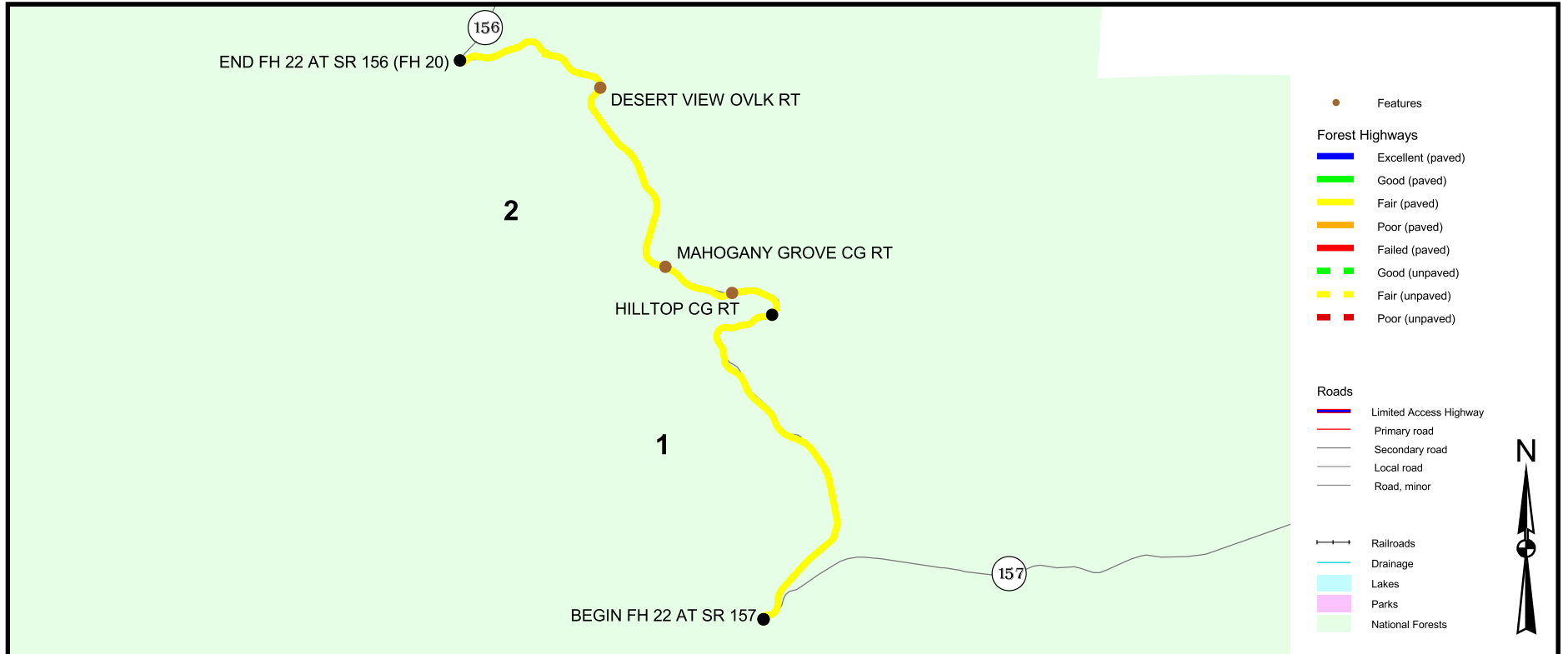
TOTAL ROUTE LENGTH: 17.54 Miles

FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
20	1	SR-156	0.00	0.85	0.85	550	24	24	Flexible	154	8	53	Fair
20	2	SR-156	0.85	17.54	16.69	500	24	24	Flexible	56	19	79	Good



FH-22, Deer Creek. This route starts at the junction with SR-157 (FH-11) and proceeds northerly 8.85 miles (14.24 km) on SR-158 to the junction with SR-156 (FH-20).

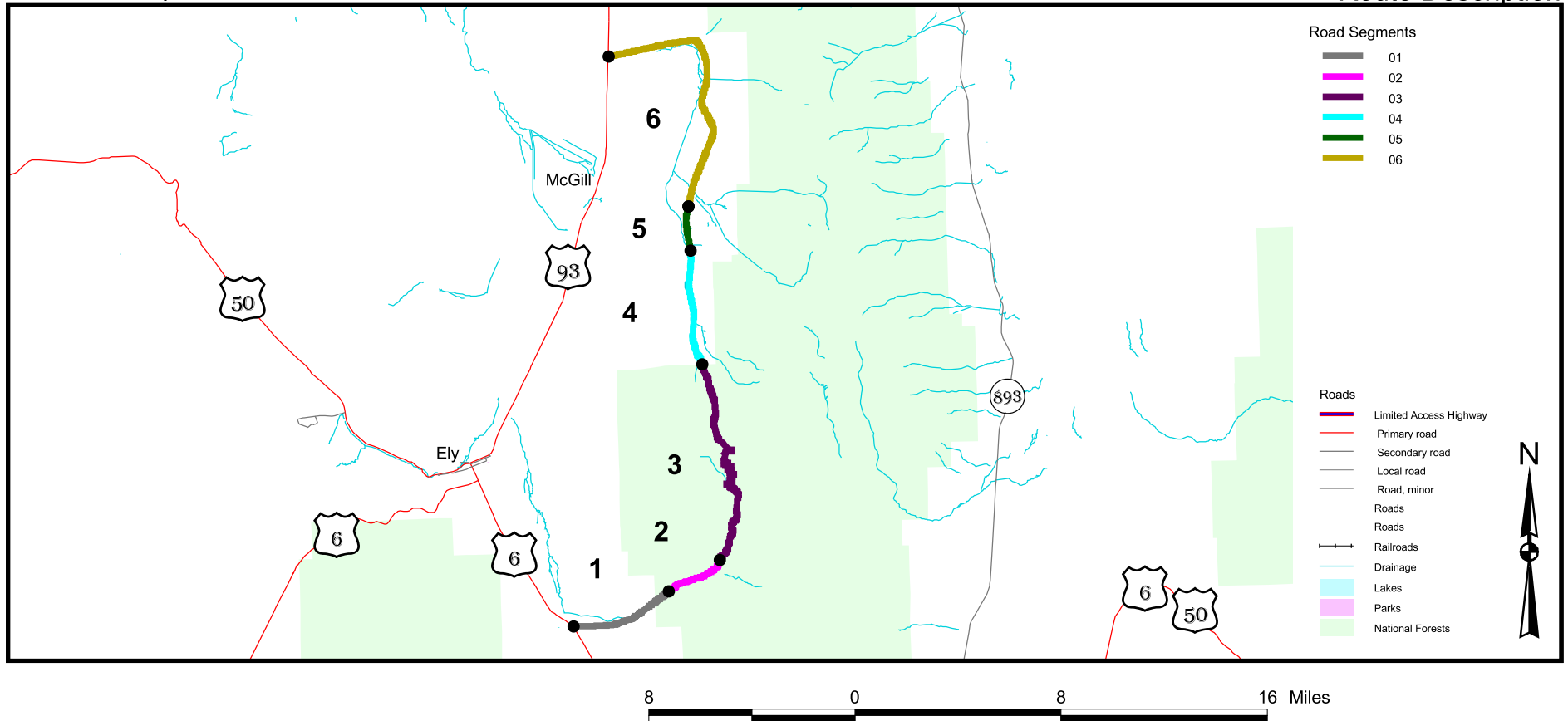
Evaluation: SR-158 is owned and operated by the Nevada Department of Transportation. It is functionally classified as a major collector serving the Toiyabe National Forest. According to Forest Service data, the traffic is 0% Forest related. This is an error. The principal Forest resource served is recreation including one trail head, two campgrounds, one picnic area and the Desert View Overlook viewing area. The route also serves other local needs commercial supply and access to private property within the Forest.



TOTAL ROUTE LENGTH: 8.85 Miles

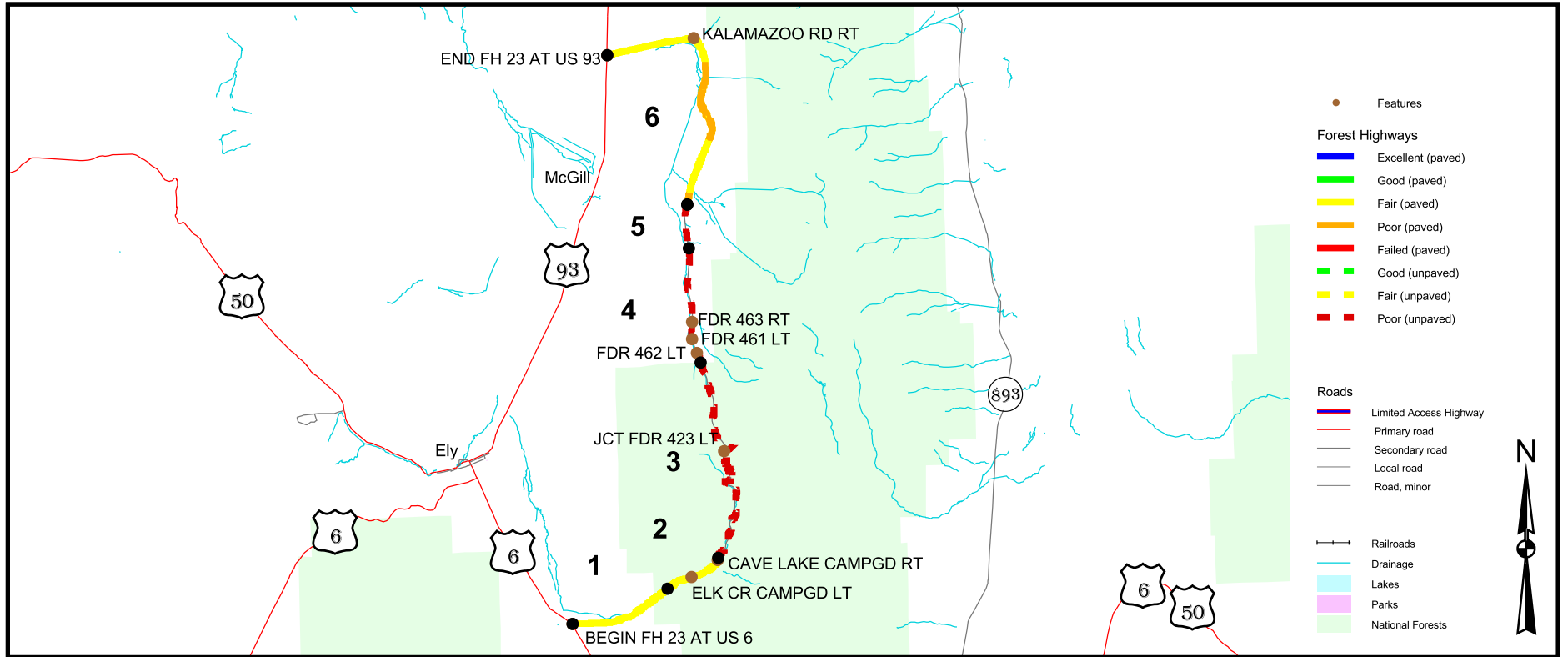
FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
22	1	SR-158	0.00	3.97	3.97	730	24	24	Flexible	94	15	68	Fair
22	2	SR-158	3.97	8.85	4.88	500	24	24	Flexible	108	13	64	Fair





FH-23, Steptoe Creek-Duck Creek. This route starts at the junction with US-6/50/93 southeast of Ely and proceeds northerly 33.16 miles (53.35 km) on CR-486 to the junction with US-93 north of McGill.

Evaluation: CR-486 is owned and operated by White Pine County. It is functionally classified as a major collector serving the Humboldt National Forest. According to Forest Service data, the traffic is 70% Forest related. The principal Forest resources served are recreation and grazing. Four campgrounds and the Cave Lake State Park are served from this route. The route also serves other local needs including schools, mail delivery, commercial supply and access to private property within the Forest.

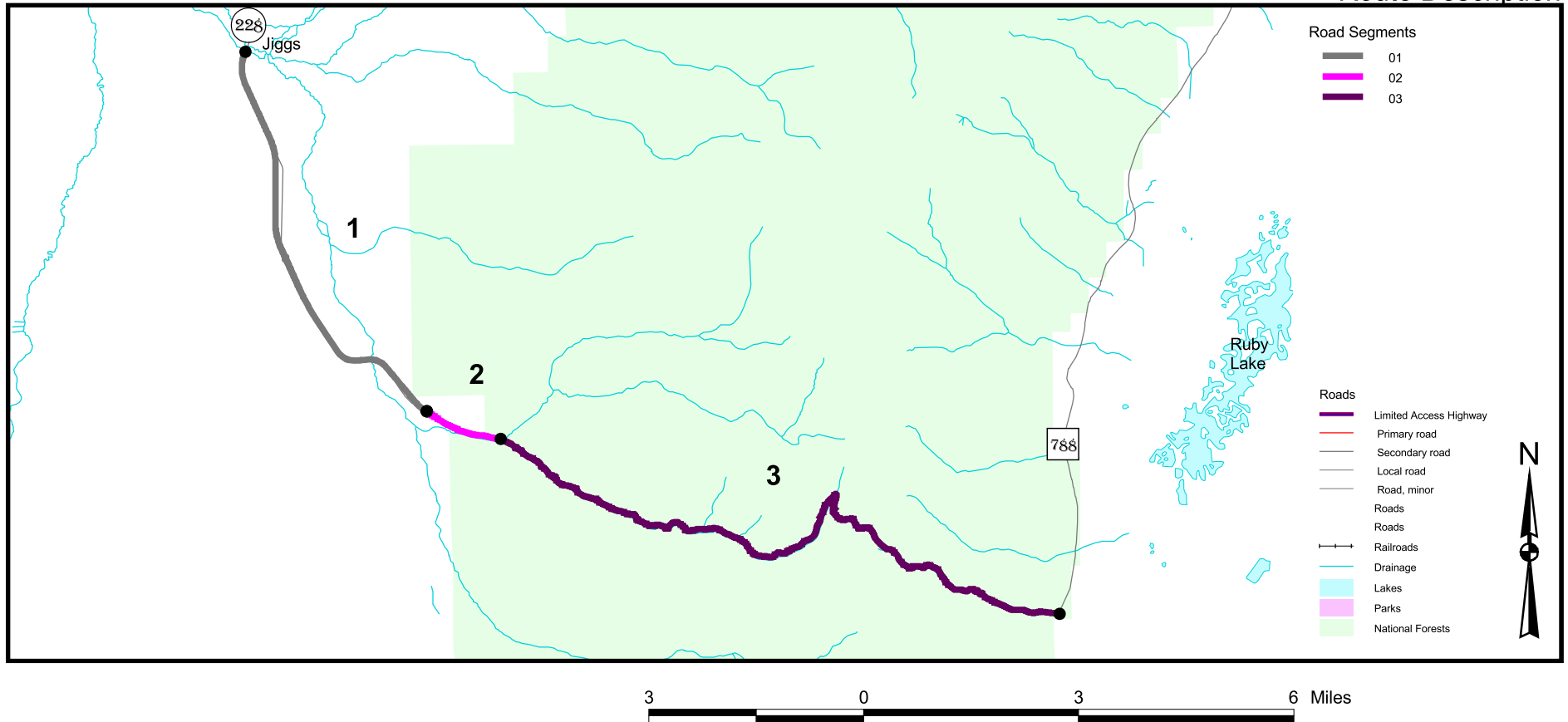


Map above shows the actual condition (paved sections only) which may not correspond to the average condition reported for each segment in the chart below. See Summary page i for more information.



TOTAL ROUTE LENGTH: 33.16 Miles

FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
23	1	CR-486	0.00	4.10	4.10	160	26	22	Flexible	108	13	64	Fair
23	2	CR-486	4.10	6.54	2.44	160	26	22	Flexible	121	12	61	Fair
23	3	CR-486	6.54	16.52	9.98	160	16		Granular	N/A	0	N/A	Poor
23	4	CR-486	16.52	21.08	4.56	160	24		Granular	N/A	0	N/A	Poor
23	5	CR-486	21.08	22.81	1.73	160	24		Granular	N/A	0	N/A	Poor
23	6	CR-486	22.81	33.16	10.35	250	24	22	Flexible	163	7	51	Fair

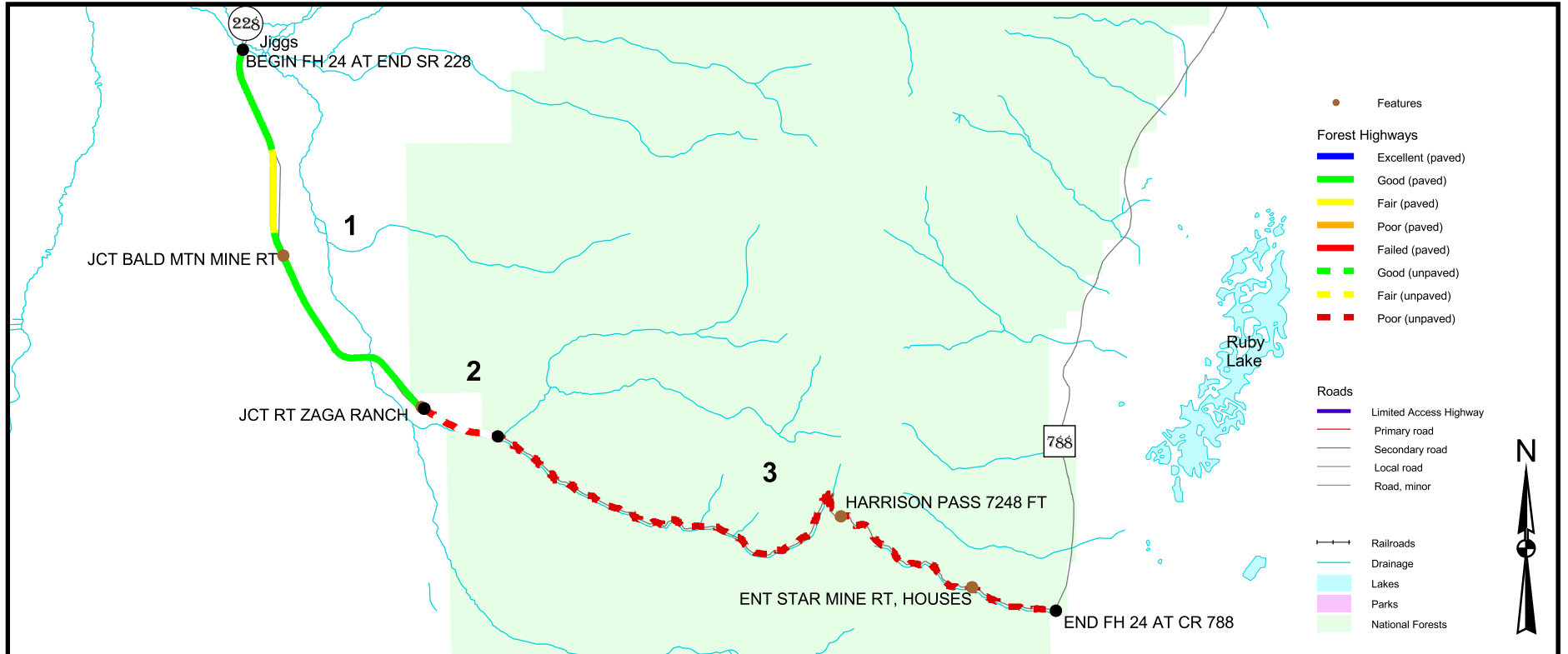


FH-24, Harrison Pass, This route starts at the end of SR-228 south of Jiggs and proceeds easterly 17.16 miles (27.61 km) on CR-718 across Harrison Pass to the junction with CR-788. The Nevada Department of Transportation used Forest Highway funds to pave the section from Jiggs to the Zaga Ranch in 1994-95.

Evaluation: CR-718 is owned and operated by Elko County. It is functionally classified as a major collector serving the Humboldt National Forest. According to Forest Service data, the traffic is 20% Forest related from Jiggs to the Zaga Ranch and 100% from there to CR-788. The principal Forest resource served are recreation and grazing. There are no Forest Service facilities on the route but it does provide access to the Ruby Crest National Recreation Trail. The route also serves other local needs including commercial supply and access to private property within the Forest.

# FH 24 Harrison Pass

# Pavement Condition

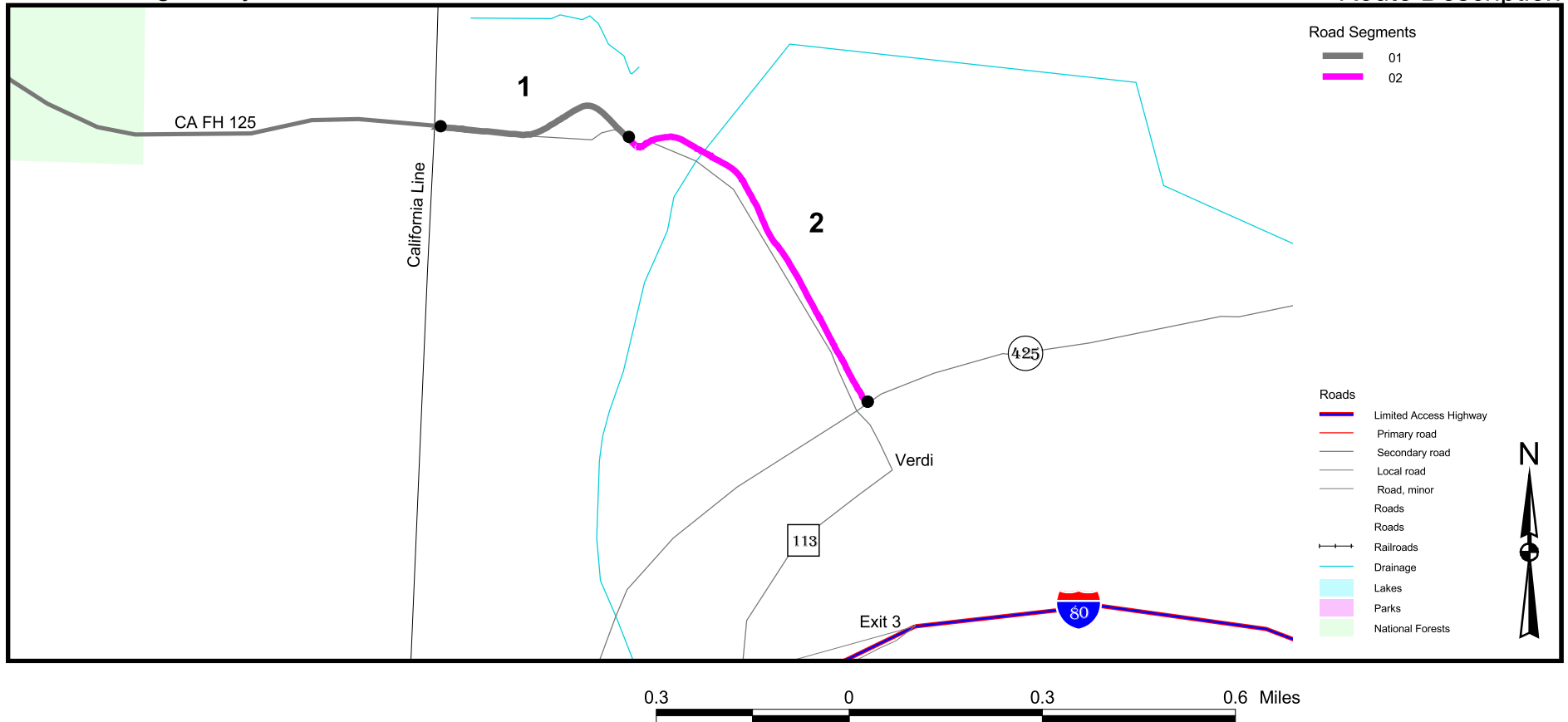


Map above shows the actual condition (paved sections only) which may not correspond to the average condition reported for each segment in the chart below. See Summary page i for more information.



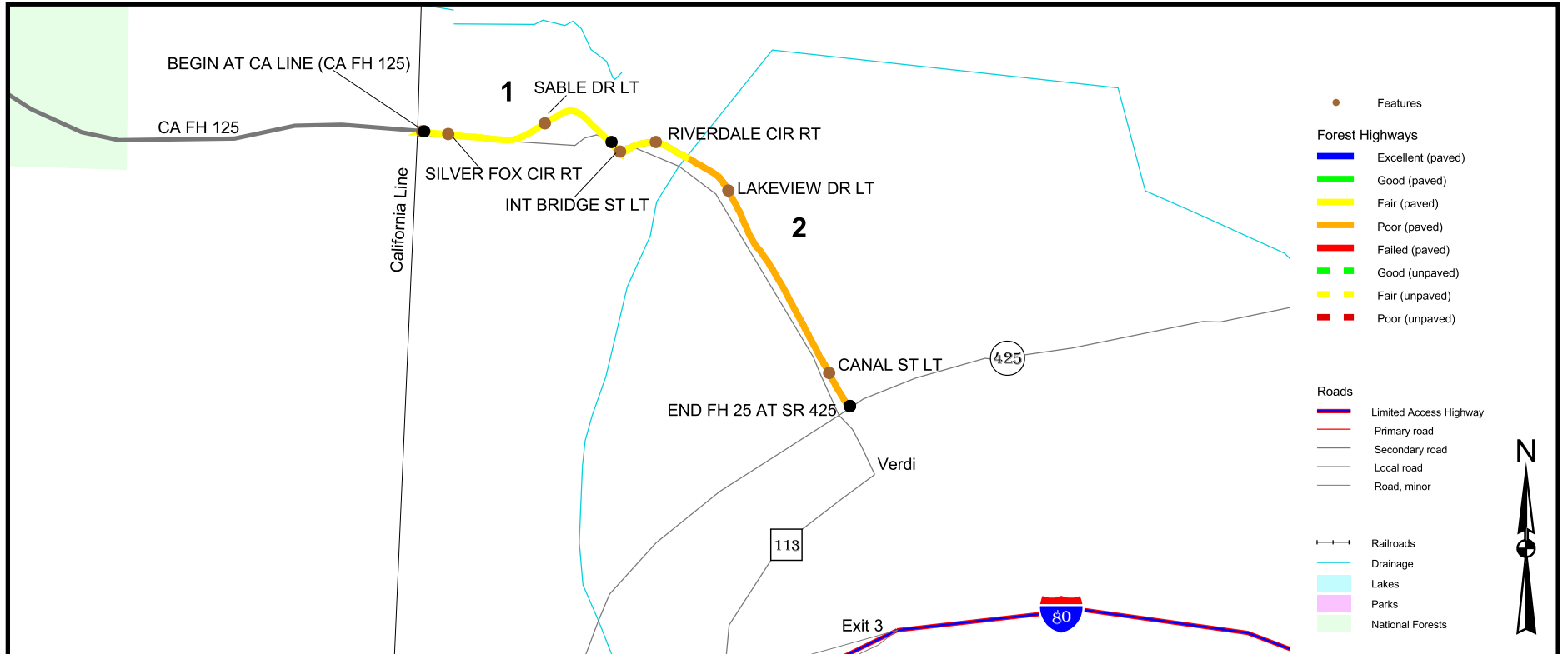
TOTAL ROUTE LENGTH: 17.16 Miles

FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
24	1	CR-718	0.00	6.09	6.09	120	30	24	Flexible Granular	78	17	73	Good
24	2	CR-718	6.09	7.20	1.11	52	24		Granular	N/A	0	N/A	Poor
24	3	CR-718	7.20	17.16	9.96	52	18		Granular	N/A	0	N/A	Poor



FH-25 Dog Valley, This route starts at the eastern end of California FH-125, Hennes Pass Road, at the California State Line and proceeds southeasterly 0.95 miles (1.53 km) on Bridge Street to the junction with SR-425 in Verdi.

Evaluation: Bridge Street is owned and operated by the community of Verdi. It is functionally classified as a local road serving the Toiyabe National Forest. According to Forest Service data, the traffic is 0% Forest related. This is certainly true in Nevada, however, the principal purpose of the route is to serve the Forest in California by providing access to the Hennes Pass Road and potentially could provide a shortcut between Reno and Loyalton, California. The principal Forest resources served are recreation and timber in California. The route also presently serves other local needs including schools, mail delivery, commercial supply and access to private property within the Forest.

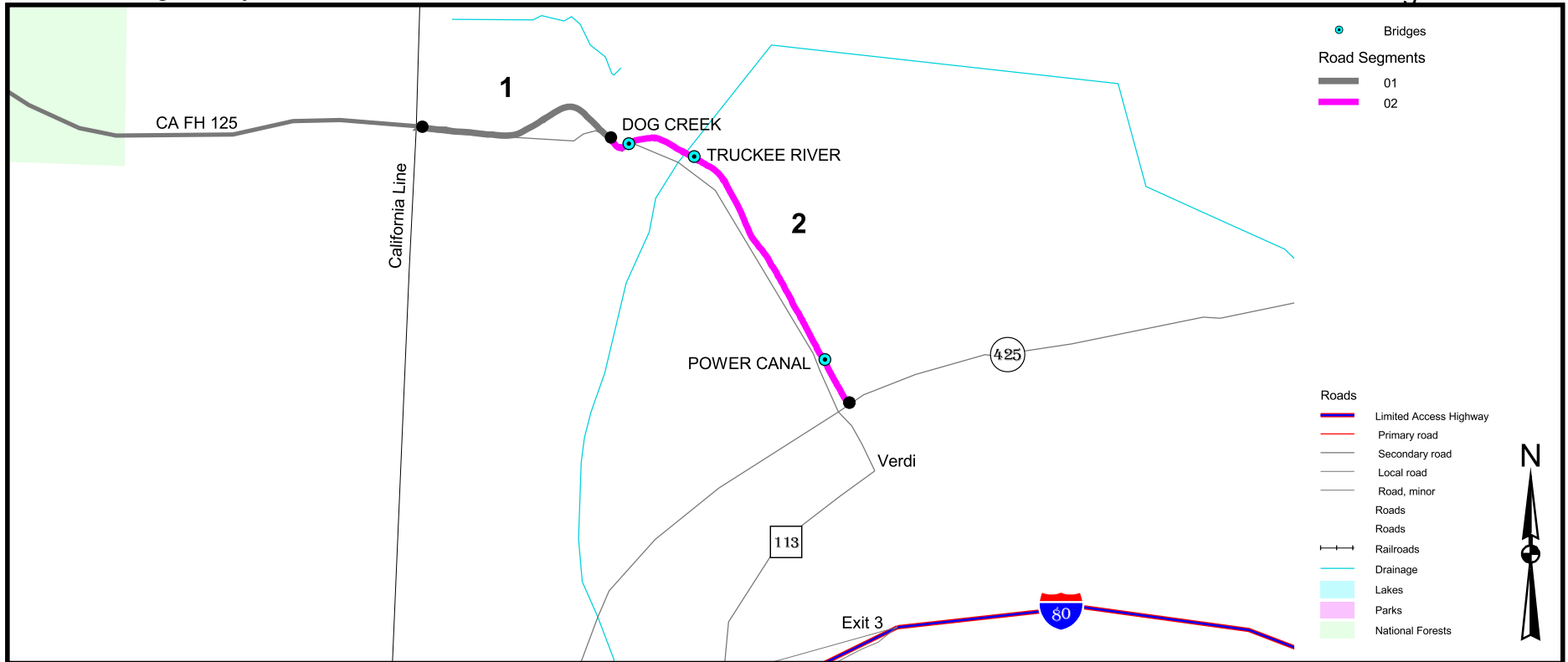


Map above shows the actual condition (paved sections only) which may not correspond to the average condition reported for each segment in the chart below. See Summary page i for more information.

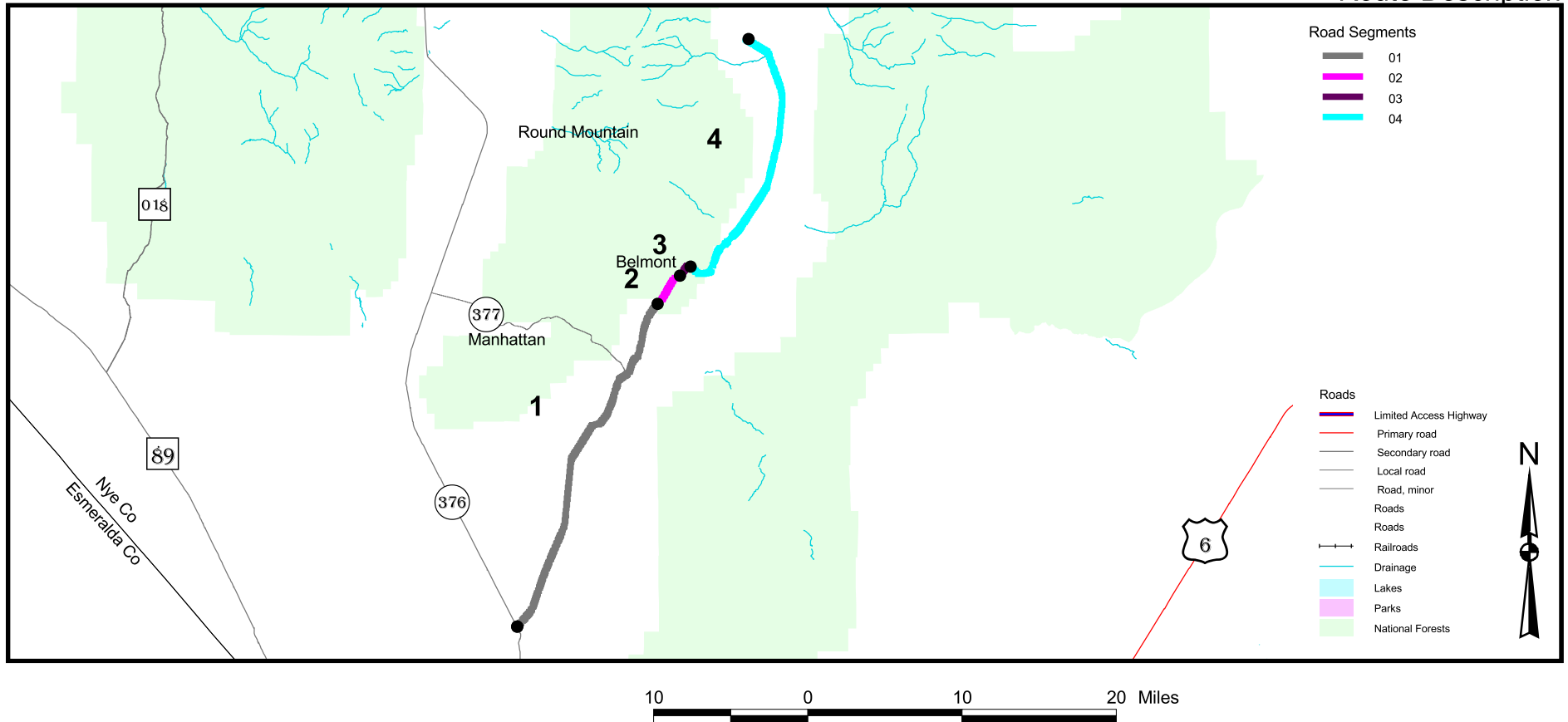


TOTAL ROUTE LENGTH: 0.95 Miles

FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
25	1	Bridge Street	0.00	0.33	0.33	290	28	28	Flexible	148	9	55	Fair
25	2	Bridge Street	0.33	0.95	0.62	290	20	20	Flexible	197	3	45	Poor



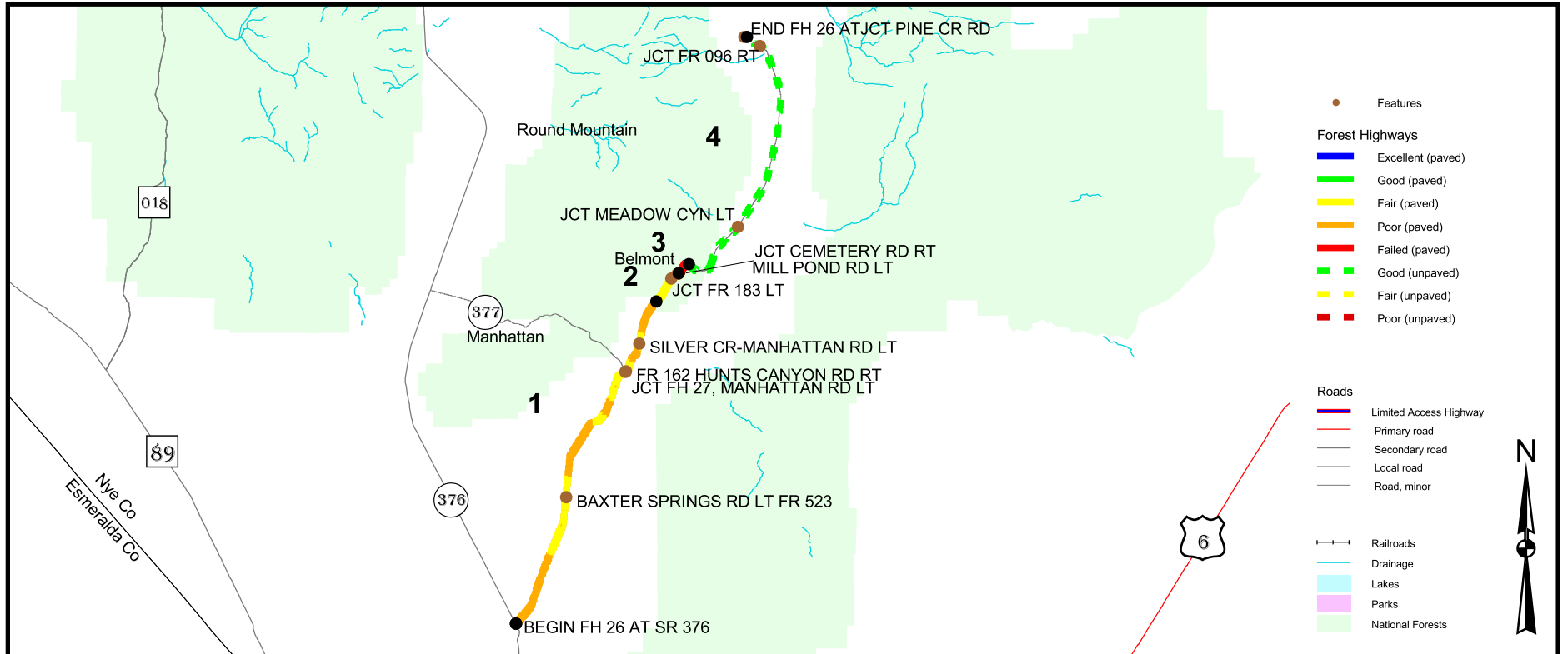
FH	STATE/LOCAL ROUTE	NBIS NUMBER	MP	FACILITY	OWNER	WIDTH (FEET)	LENGTH (FEET)	STRUCTURALLY DEFICIENT?	FUNCTIONALLY OBSOLETE?	SUFF. RATING
25	BRIDGE STR	B1688	0.4	DOG CREEK	Washoe Co	14.8	32.2	-	X	63.4
25	BRIDGE STR	B1687	0.5	TRUCKEE RIVER	Washoe Co	18.0	151.9	-	X	64.4
25	BRIDGE STR	B1686	0.9	POWER CANAL	Washoe Co	36.1	29.9	-	-	69.2



FH-26, Belmont Road. This route starts at the junction with SR-376 and proceeds northerly 45.85 miles (73.77 km) on CR-82 through the Belmont Townsite, to the junction with FDR-009 (Pine Creek Road) north of the Pine Creek Ranch.

Evaluation: CR-82 is owned and operated by Nye County. It is functionally classified as a major collector from SR-376 to Belmont and a local road from Belmont to Pine Creek Road, serving the Toiyabe National Forest. According to Forest Service data, the traffic is 98% Forest related. The principal Forest resources served are recreation mining, timber and grazing. For the most part, the route follows the Ralston and Monitor Valleys and several significant FDR routes feed into the Belmont Road. The Forest facilities are on these side roads. The route also serves other local needs including schools, mail delivery, commercial supply and access to private property within the Forest.



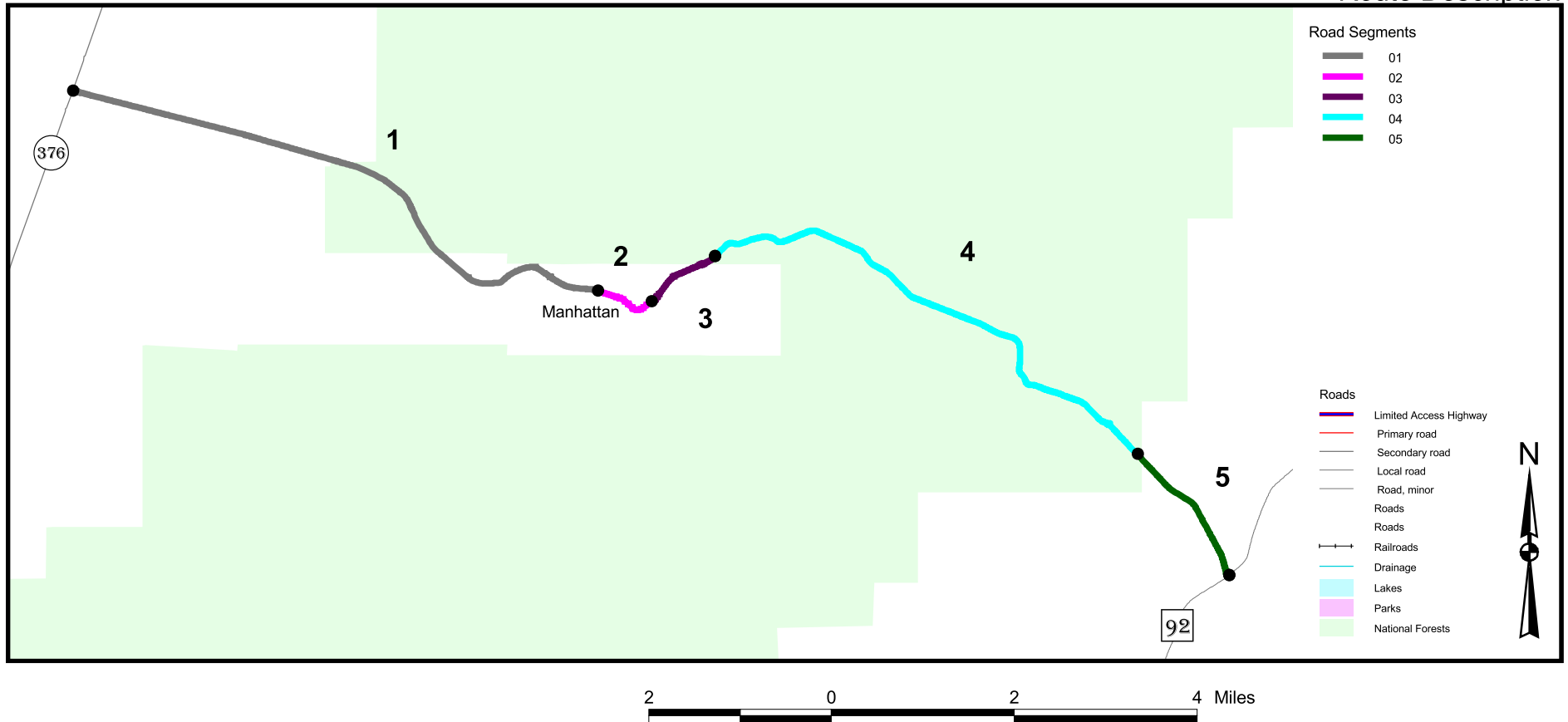


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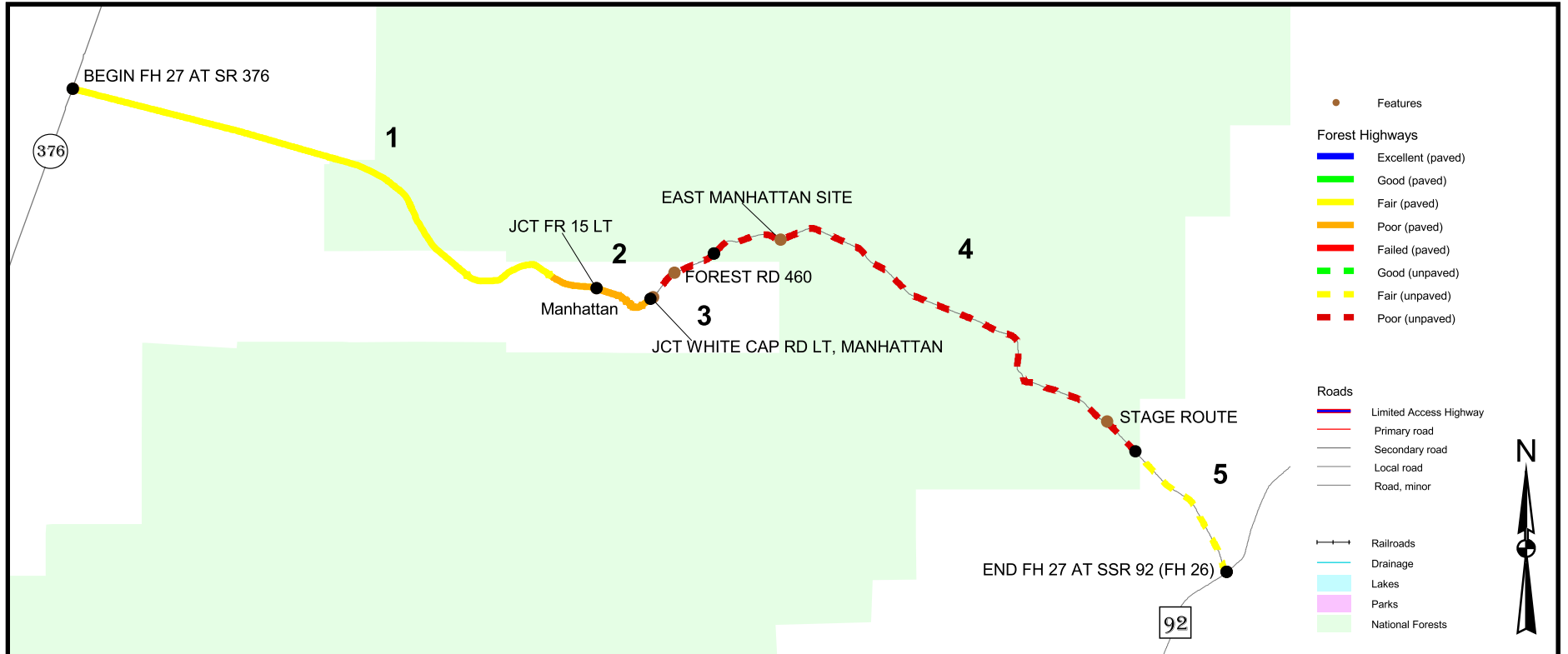
TOTAL ROUTE LENGTH: 45.85 Miles

FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
26	1	CR-82	0.00	23.55	23.55	60	28	24	Flexible	173	6	49	Poor
26	2	CR-82	23.55	25.94	2.39	60	28	24	Flexible	139	10	57	Fair
26	3	CR-82	25.94	27.00	1.06	60	28	24	Flexible	264	0	34	Failed
26	4	CR-82	27.00	45.85	18.85	40	28		Granular	N/A	0	N/A	Good



FH-27, Manhattan Road. This route starts at the junction with SR-376 and proceeds easterly 6.52 miles (10.49 km) along SR-377 to the town of Manhattan and then easterly 9.0 miles (14.48 km) on FDR-014 to the junction with CR-82 (FH-26).

Evaluation: SR-377 is owned and operated by the Nevada Department of Transportation. FDR-014 is owned and operated by the Forest Service. SR-377 is classified as a major collector and FDR-014 a local road serving the Toiyabe National Forest. According to Forest Service data, the traffic is 33% Forest related on SR-377 and 90% on FDR-014. The principal Forest resources served are recreation mining, timber and grazing. There are no Forest Service facilities on the route. The route presently serves other local needs including schools, mail delivery, commercial supply and access to private property within the Forest.

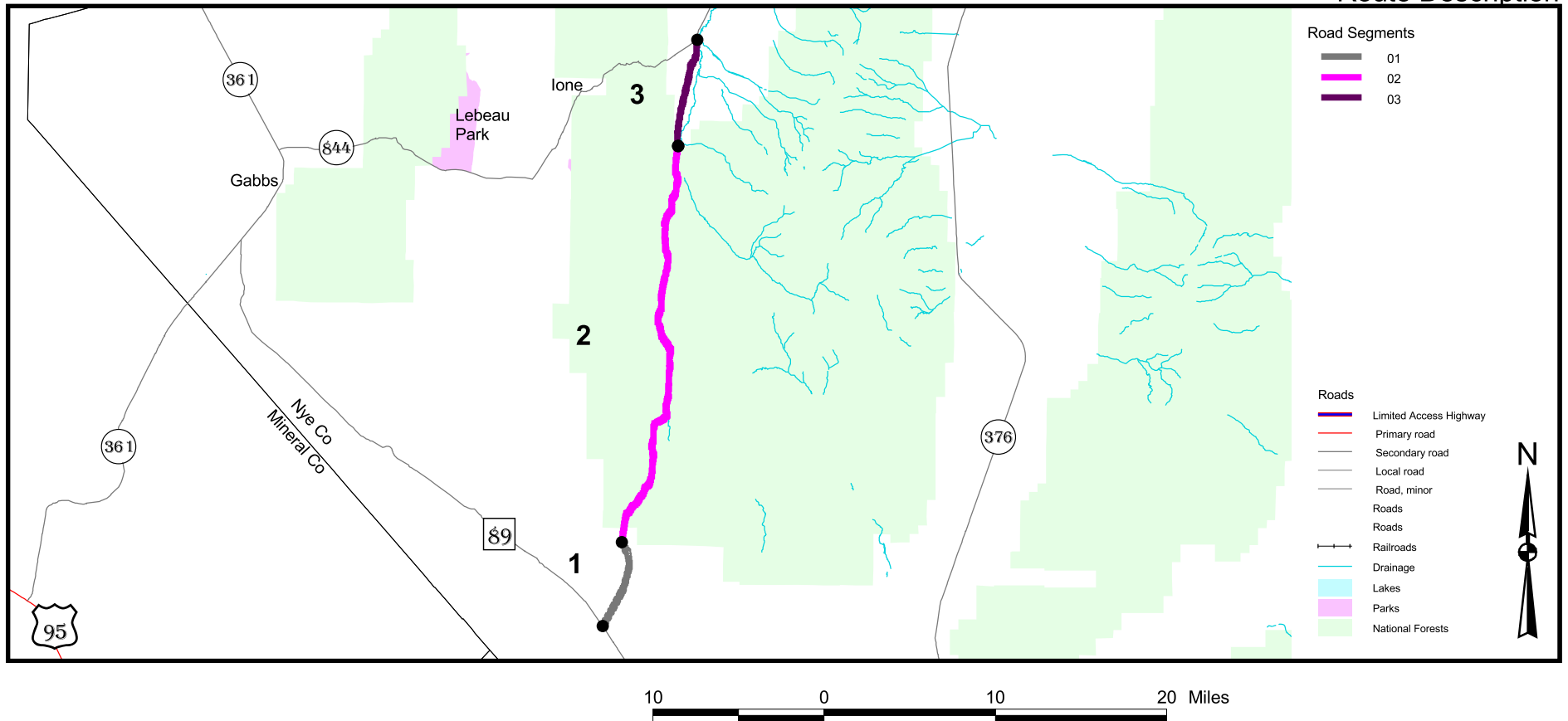


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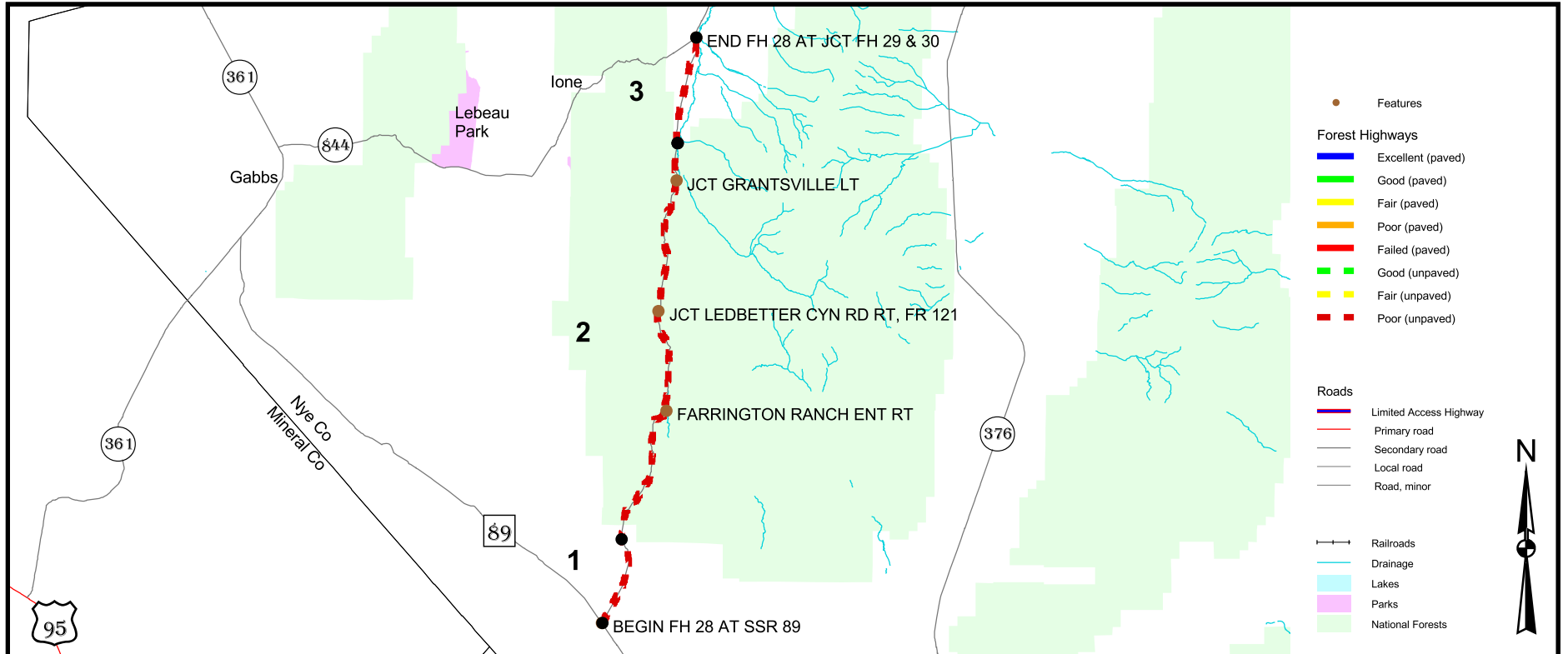
TOTAL ROUTE LENGTH: 15.52 Miles

FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
27	1	SR-377	0.00	6.52	6.52	120	24	24	Flexible	142	9	56	Fair
27	2	FDR-014	0.00	0.68	0.68	120	24	24	Flexible	198	3	44	Poor
27	3	FDR-014	0.68	1.56	0.88	40	18		Granular	N/A	0	N/A	Poor
27	4	FDR-014	1.56	7.30	5.74	40	18		Granular	N/A	0	N/A	Poor
27	5	FDR-014	7.30	9.00	1.70	40	24		Granular	N/A	0	N/A	Fair



FH-28, Cloverdale Road. This route starts at the junction with CR-89 (Poleline Road) and proceeds northerly 36.90 miles (59.37 km) along FDR-018 to CR-21 (FH-29 west, FH-30 north) and IRR-2 in the Yomba Indian Reservation.

Evaluation: FDR-018 is owned and operated by the Forest Service within the Forest Boundary. It is a local road serving the Toiyabe National Forest and the Yomba Indian Reservation. According to Forest Service data, the traffic is 22% Forest related. This should be closer to 90%. The principal Forest resources served are recreation, mining, timber and grazing. The route serves two Forest Service administrative sites, access to the Arc Dome Wilderness and access to private property within the Forest. This is a very weak Forest Highway and more logically should stay what it is, a Forest Development Road. The only conceivable public use of the road is to connect the residents of the Indian Reservation to Tonopah.

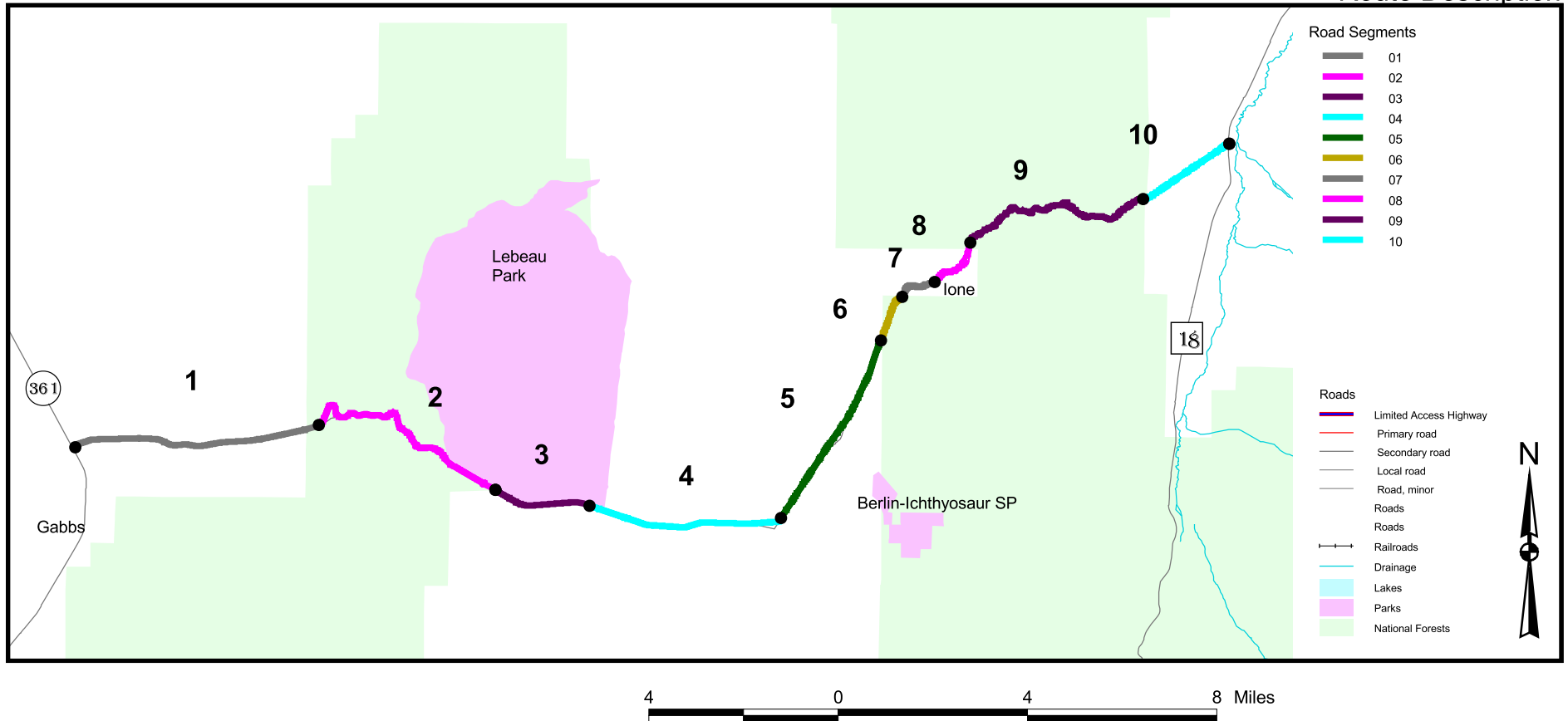


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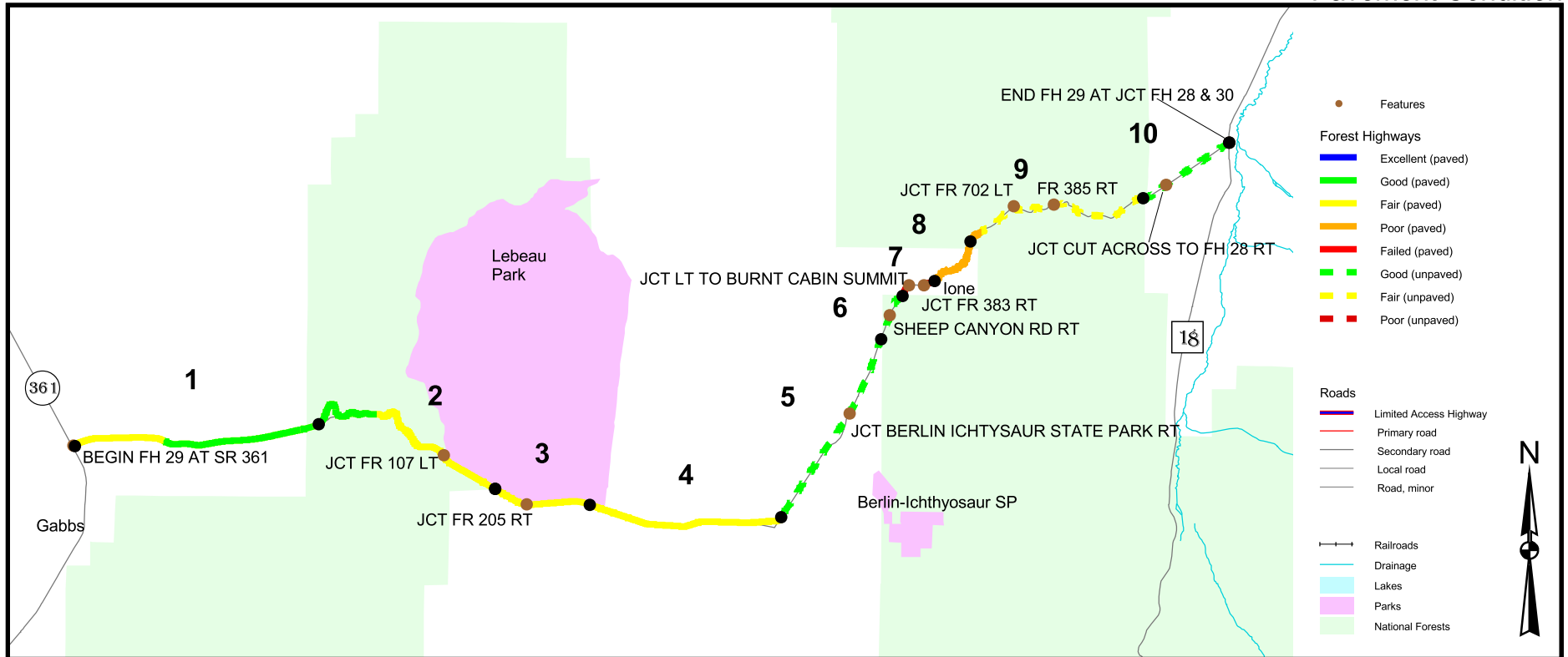
TOTAL ROUTE LENGTH: 36.9 Miles

FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
28	1	FDR-018	0.00	5.40	5.40	50	24		Granular	N/A	0	N/A	Poor
28	2	FDR-018	5.40	30.54	25.14	50	16		Granular	N/A	0	N/A	Poor
28	3	FDR-018	30.54	36.90	6.36	50	24		Granular	N/A	0	N/A	Poor



FH-29, Lone Road. This route starts at the junction with SR-361 north of Gabbs and proceeds easterly 16.45 miles (26.46 km) over SR-844 and then easterly 14.03 miles (22.57 km ) over CR-21 through Lone to FH-28, FH-30 and IRR-2 in the Yomba Indian Reservation.

Evaluation: SR-844 is owned and operated by the Nevada Department of Transportation. CR-21 is owned and operated by Nye County. SR-844 is classified as a minor collector and CR-21 as a local road serving the Toiyabe National Forest. According to Forest Service data, the traffic is 10% Forest related. The principal Forest resources served are recreation, mining and grazing. The Berlin-Ichthyosaur State Park is served by this route. Additionally, the route presently serves other local needs including schools, mail delivery, commercial supply and access to private property within the Forest. It also connects the residents of the Indian Reservation to Gabbs or Fallon. SR-844 is a potential 3R project in the future.

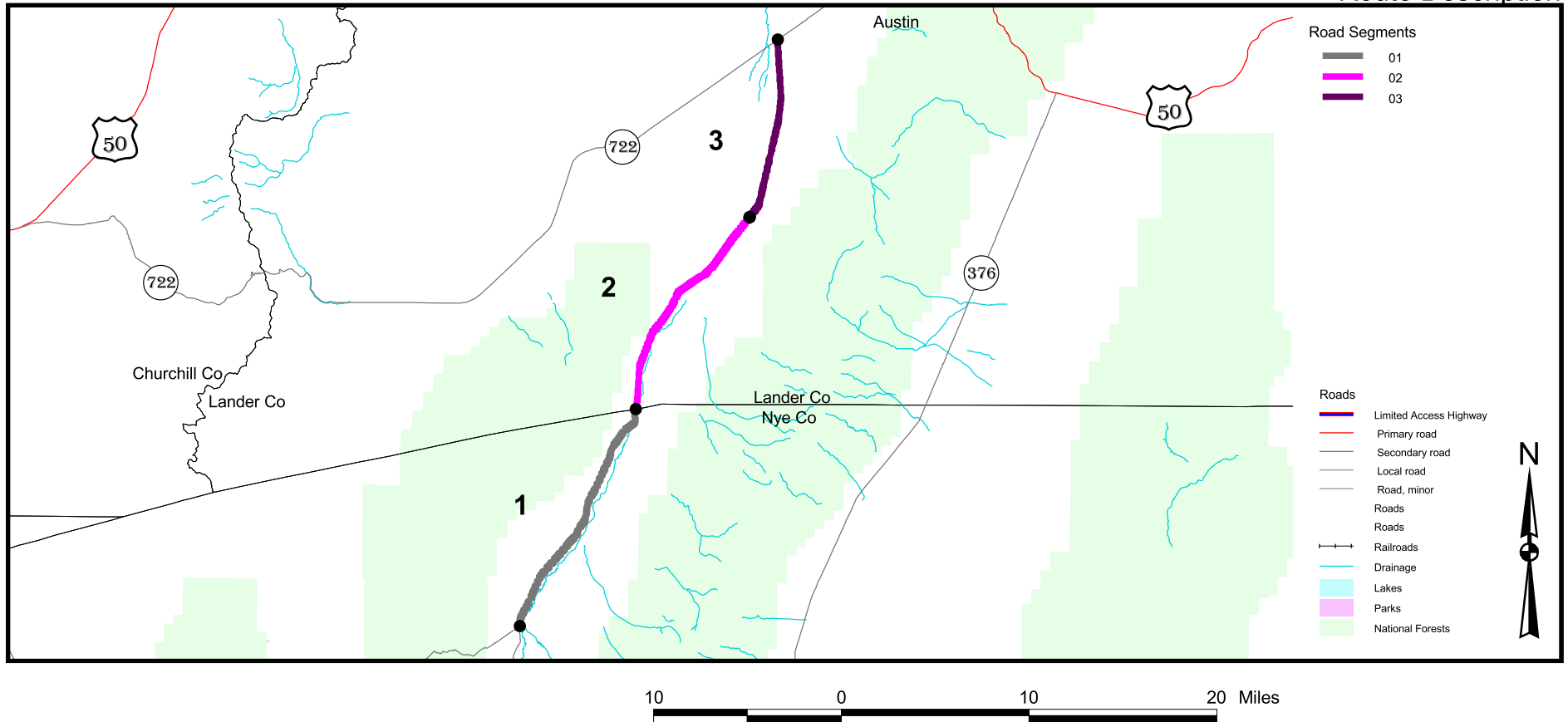


Map above shows the actual condition (paved sections only) which may not correspond to the average condition reported for each segment in the chart below. See Summary page i for more information.



TOTAL ROUTE LENGTH: 30.48 Miles

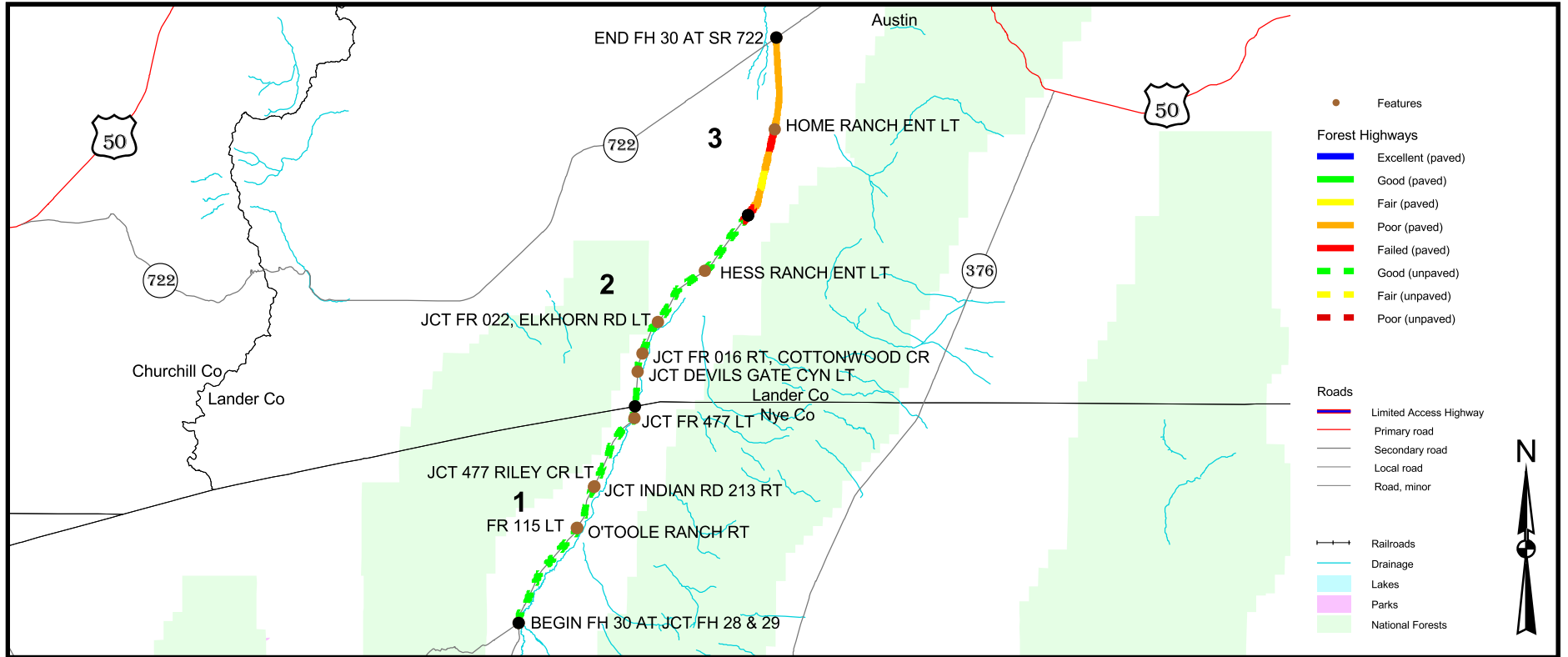
FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
29	1	SR-844	0.00	5.28	5.28	110	28	22	Flexible	90	15	69	Fair
29	2	SR-844	5.28	10.20	4.92	110	28	22	Flexible	102	14	66	Fair
29	3	SR-844	10.20	12.29	2.09	110	28	22	Flexible	114	13	63	Fair
29	4	SR-844	12.29	16.45	4.16	110	37	24	Flexible	137	10	57	Fair
29	5	CR-21	0.00	4.33	4.33	74	24		Granular	N/A	0	N/A	Good
29	6	CR-21	4.33	5.38	1.05	74	24		Granular	N/A	0	N/A	Good
29	7	CR-21	5.38	6.22	0.84	74	24		Granular	N/A	0	N/A	Poor
29	8	CR-21	6.22	7.46	1.24	74	24		Flexible	175	6	49	Poor
29	9	CR-21	7.46	11.85	4.39	74	24		Granular	N/A	0	N/A	Fair
29	10	CR-21	11.85	14.03	2.18	74	24		Granular	N/A	0	N/A	Good



FH-30, Reese River Road. This route starts at the junction with FH-28, FH-29 and IRR-2 in the Yomba Indian Reservation and proceeds northerly 13.45 miles (21.64 km) over CR-21 in Nye Co., and then 22.12 (35.59 km) miles on CR-21 in Lander Co. to the junction with SR-722 southwest of Austin.

Evaluation: CR-21 is owned and operated by Nye and Lander Counties. The route is classified as minor collector in Lander County and as a local road in Nye County serving the Toiyabe National Forest. According to Forest Service data, the traffic is 3% Forest related. The principal Forest resources served are recreation and grazing. The route follows the Reese River Valley and several significant FDR routes feed into the road. The route presently serves other local needs including schools, mail delivery and commercial supply. It also connects the residents of the Indian Reservation to Austin.





Map above shows the actual condition (paved sections only) which may not correspond to the average condition reported for each segment in the chart below. See Summary page i for more information.



TOTAL ROUTE LENGTH: 35.57 Miles

FH	SEG NUM	STATE/LOCAL ROUTE	START MP	END MP	SEG LENGTH	ADT	WIDTHS		SURFACE TYPE	IRI	REMAINING SURFACE LIFE (YEARS)	CONDITION RATING	CONDITION
							ROADWAY	PAVED					
30	1	CR-21	0.00	13.45	13.45	40	28		Granular	N/A	0	N/A	Good
30	2	CR-21	0.00	12.35	12.35	40	28		Granular	N/A	0	N/A	Good
30	3	CR-21	12.35	22.12	9.77	70	20	20	Flexible	204	2	43	Poor