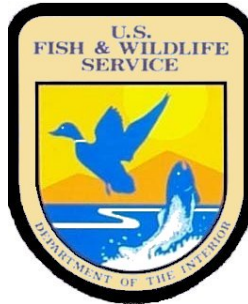


# **The Road Inventory of KOFA National Wildlife Refuge Yuma, AZ**



Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
March 2008



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## INTRODUCTION

The Transportation Equity Act for the 21<sup>st</sup> Century (Public Law 105-178) created the Refuge Roads Program. Refuge roads are those public roads that provide access to or within a unit of the National Wildlife Refuge System and for which title and maintenance responsibility is vested in the United States Government. Funds from the Highway Trust Fund are available for refuge roads and can be used by the station to pay the cost of:

- (a) Maintenance and improvements of refuge roads.
- (b) Maintenance and improvements of:
  - (1) Adjacent vehicle parking areas
  - (2) Provision for pedestrians and bicycles and
  - (3) Construction and reconstruction of roadside rest areas that are located in or adjacent to wildlife refuges
- (c) Administrative costs associated with such maintenance and improvements.

The funds available for refuge roads are to be disbursed based on the relative needs of the various refuges in the National Wildlife Refuge System, and taking into consideration:

- (a) The comprehensive conservation plan for each refuge;
- (b) The need for access as identified through land use planning; and
- (c) The impact of land use planning on existing transportation facilities.

To determine the relative needs of the U.S. Fish and Wildlife Service, the Federal Highway Administration (FHWA) was asked to inventory all public access roads and parking lots and provide a condition assessment of each. In 2008 the inventory was expanded to include administrative (service use only) roads and parking lots. An FHWA representative meets with refuge personnel to identify route segments and assign route numbers and functional classifications (See Appendix) for each route. All roads and parking lots are mapped using Trimble GPS units and visually assessed for condition using the RSL method of evaluation developed at Utah State University (See Appendix). Culverts, Gates, Guardrails and Low Water Crossings are also mapped and inspected for any obvious defects.

An estimate is provided, in year 2008 dollars, based on the condition determined by the rating system. Estimates are based upon data and location factors from the 2008 RS Means Heavy Construction Cost Data 22<sup>nd</sup> Annual Edition. Cost estimates should be evaluated on a case-by-case basis when being used for programming purposes.

Native Surfaced roads and parking lots already inventoried will not be re-inventoried and will not appear individually in report chapters 5, 6 and 8. Mileages and areas of native surfaced roads and parking lots will still appear in all summaries in the report and will remain in the road inventory database. In addition to this report, the FHWA will furnish the condition ratings of each route and segment to the Fish and Wildlife Service in a Microsoft Access database so the data can be included in their Real Property Inventory.

# Kofa NWR

## Summaries

### Route Miles and Percentages by Functional Class and Condition

F. C.	Condition Rating (Based on RSL)*										TOTAL MILES
	Excellent		Good		Fair		Poor		Failed		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
I											
II			13.67	100%							13.67
III	29.42	11.6%	170.55	67.1%	53.38	21.0%	1.01	0.4%			254.36
IV											
V											
Totals	29.42	11.0%	184.22	69%	53.38	19.9%	1.01	0.4%			268.03

\*For a description of condition ratings for the various surface types see the Appendix.

### Route Miles and Percentages by Surface Type and Condition

S. T.	Paved Condition Rating [Condition(RSL)]										TOTAL MILES
	Excellent (19-20)		Good (13-18)		Fair (7-12)		Poor (1-6)		Failed (0)		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
AS											
CO											
Totals											

S. T.	Unpaved Condition Rating [Condition(RSL)]										TOTAL MILES
	Excellent (8-10)		Good (5-7)		Fair (3-4)		Poor (1-2)		Failed (0)		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
GR	1.94	4.7%	38.92	95.3%							40.86
NA	2.98	10.7%	23.00	82.2%	1.99	7.1%					27.97
PR	24.50	12.3%	122.30	61.4%	51.39	25.8%	1.01	0.5%			199.20
Totals	29.42	11.0%	184.22	68.7%	53.38	19.9%	1.01	0.4%			268.03

### Square Footage (Parking Areas)

S. T.	Condition Rating										Total Square Feet
	Excellent		Good		Fair		Poor		Failed		
	Square Feet	%	Square Feet	%	Square Feet	%	Square Feet	%	Square Feet	%	
AS					2071	100%					2071
CO											
GR	12582	61.5%	7863	38.5%							20445
NA			4127	100%							4127
PR											
Totals	12582	47.2%	11990	45.0%	2071	7.8%					26643



# Kofa NWR

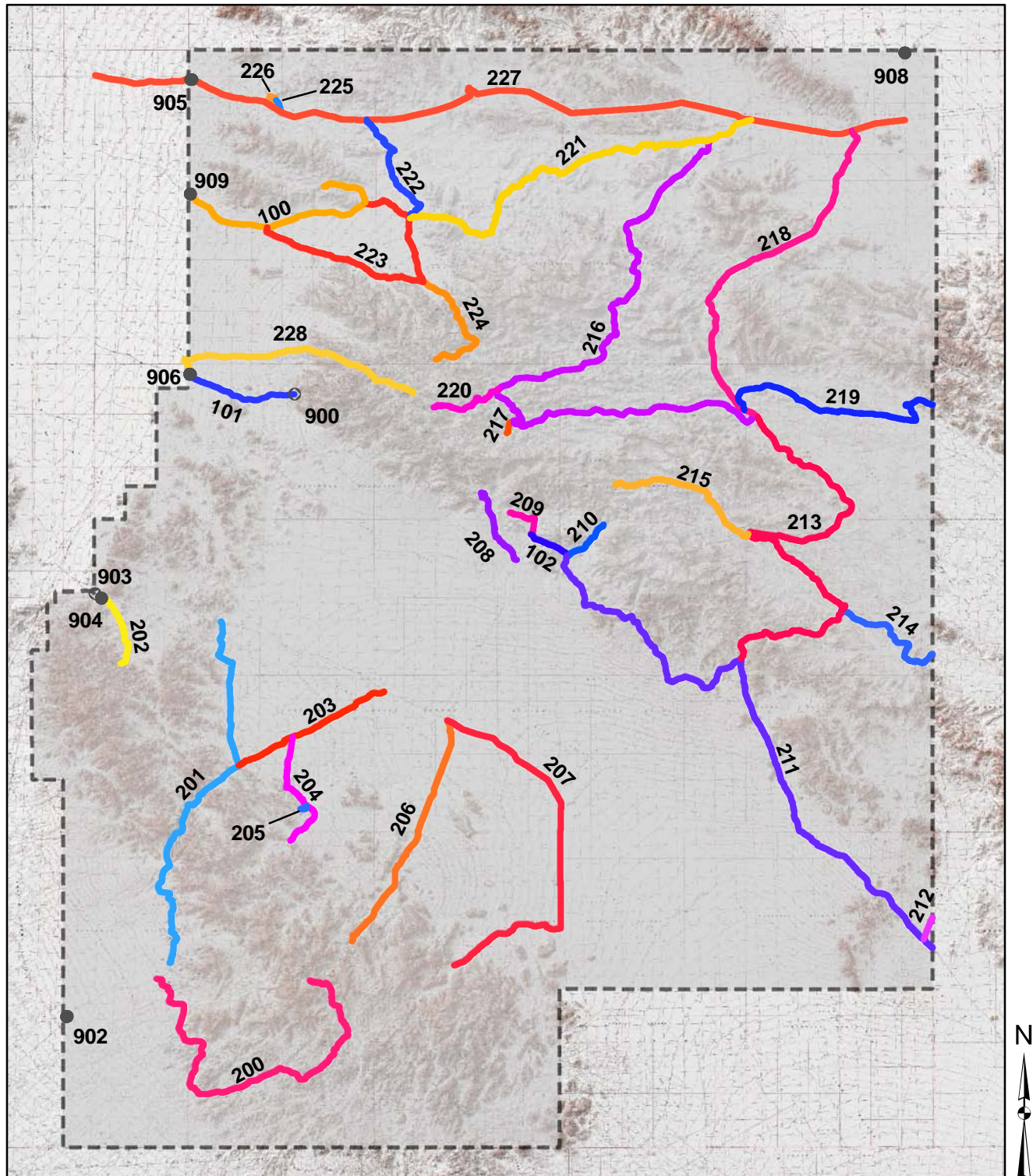
## Summaries

### Route Miles and Percentages by Use Type and Condition

USE TYPE	Road Condition Rating: Public/Administrative Use										TOTAL MILES	PERCENT TOTAL MILES
	Excellent		Good		Fair		Poor		Failed			
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%		
Public (FC I-III)	29.42	11.0%	184.22	69%	53.38	19.9%	1.01	0.4%			268.03	100%
Admin (FC IV-V)												
Totals	29.42	11.0%	184.22	69%	53.38	19.9%	1.01	0.4%			268.03	

USE TYPE	Parking Condition Rating										Total Square Feet	PERCENT TOTAL SF
	Excellent		Good		Fair		Poor		Failed			
	Square Feet	%	Square Feet	%	Square Feet	%	Square Feet	%	Square Feet	%		
Public	12582	47.2%	11990	45.0%	2071	7.8%					26643	100%
Admin												
Totals	12582	47.2%	11990	45.0%	2071	7.8%					26643	

# KOFA NATIONAL WILDLIFE REFUGE ROUTE LOCATION MAP



0 5 10 20 30 Miles

## Kofa - 22570 - ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes
Yellow = Unpaved Routes

RTE #	Asset Number	ROUTE NAME	RTE MI	ROUTE DESCRIPTION	PAVED MI	UN-PAVED MI	LANES	FC
100	-	MST&T Road	8.41	From US Hwy 95 to end of Rte at MST&T Tower	-	8.41	2	2
101	10009964	Palm Canyon Road	3.80	From west refuge boundary off US Hwy 95 to Palm Canyon Parking Area (Rte 900)	-	3.80	2	2
102	10009994	King Road	1.46	From King Valley County Road to Neversweat Ridge Road (Rte 211)	-	1.46	1	2
200	10009995	Big Eye Mine Road	15.33	From Castle Dome County Road to end of route	-	15.33	1	3
201	10009995	McPherson Pass Road	15.56	From Castle Dome County Road to King Valley County Road	-	15.56	1	3
202	10009995	Horse Tank Road	2.78	From King Valley County Road to end of route	-	2.78	1	3
203	10009995	Junction 76 Road	5.72	From King Valley County Road to McPherson Pass Road (Rte 211)	-	5.72	1	3
204	10009995	Little White Tanks Road	4.95	From Junction 76 Road (Rte 203) to end of route	-	4.95	1	3
205	10009995	Figueroa Tank Road	0.30	From Little White Tanks Road (Rte 204) to end of route at Figueroa Tank	-	0.30	1	3
206	10009995	Adams Well Road	9.49	From King Valley County Road to end of route	-	9.49	1	3
207	10009995	Chain Tank Road	14.11	From King Valley County Road to end of route	-	14.11	1	3
208	10009994	Junction 63 Road	3.28	From King Valley County Road to end of route	-	3.28	1	3
209	10009994	Junction 65 Road	1.53	From King Valley County Road to end of route	-	1.53	1	3
210	10009994	Kofa Dam Road	1.88	From Neversweat Ridge Road (Rte 211) to end of route	-	1.88	1	3
211	10009963	Neversweat Ridge Road	23.83	From King Road (Rte 102) to end at east refuge boundary	-	23.83	1	3
212	10009994	Junction 8 Road	0.89	From Neversweat Ridge Road (Rte 211) to east refuge boundary	-	0.89	1	3
213	10009994	Engesser Pass Road	19.26	From Neversweat Ridge Road (Rte 211) to Kofa Manganese Road (Rte 218)	-	19.26	1	3
214	10009994	Junction 48 Road	4.61	From Engesser Pass Road (Rte 213) to east refuge boundary	-	4.61	1	3
215	10009994	Yaqui Tanks Road	5.99	From Engesser Pass Road (Rte 213) to end of route	-	5.99	1	3
216	10009994	Hoodoo Wash Road	26.04	From Kofa Manganese Road (Rte 218) to Kofa Cabin Road (Rte 221)	-	26.04	1	3
217	10009994	Wilbanks Well Road	0.54	From Hoodoo Wash Road (Rte 216) to end of route	-	0.54	1	3
218	10009994	Kofa Manganese Road	13.81	From Engesser Pass Road (Rte 213) to Pipeline Road (Rte 227)	-	13.81	1	3
219	10009994	Red Raven Well Road	8.68	From Kofa Manganese Road (Rte 218) to refuge boundary	-	8.68	1	3
220	10009994	Junction 38 Road	2.84	From Hoodoo Wash Road (Rte 216) to end of route	-	2.84	1	3
221	10009994	Kofa Cabin Road	14.31	From Pipeline Road (Rte 227) to High Tank 6 Road (Rte 223)	-	14.31	1	3
222	10009994	Scotts Well Road	5.00	From Pipeline Road (Rte 227) to High Tank 6 Road (Rte 223)	-	5.00	1	3
223	10009994	High Tank Six Road	10.43	From MST&T Road (Rte 100) to MST&T Road	-	10.43	1	3
224	10009994	Burro Canyon Road	4.99	From High Tank 6 Road (Rte 223) to end of route at De La Osa Well	-	4.99	1	3
225	10009994	Twelve Mile Well Road	0.50	From Pipeline Road (Rte 227) to Crystal Hill Road (Rte 226)	-	0.50	1	3

### Kofa - 22570 - ROUTE IDENTIFICATION LIST (NUMERIC)

Shading Color Key:

White = Paved Routes
Yellow = Unpaved Routes

RTE #	Asset Number	ROUTE NAME	RTE MI	ROUTE DESCRIPTION	PAVED MI	UN-PAVED MI	LANES	FC
226	10009965	Crystal Hill Road	0.96	From Pipeline Road (Rte 227) to end of loop	-	0.96	1	3
227	10009965	Pipeline Road	27.69	From US Hwy 95 to county maintained road (Jct 27)	-	27.69	2	3
228	10009994	Kofa Queen Canyon Road	9.05	From Palm Canyon Road (Rte 101) to end of route	-	9.05	1	3

## Kofa - 22570 - ROUTE IDENTIFICATION LIST (PARKING)

Shading Color Key:

Green = Unpaved Parking Lots

Blue = Paved Parking Lots

RTE #	ASSET NUMBER	ROUTE NAME	RTE SQFT	ROUTE DESCRIPTION	PAVED SQFT	UN-PAVED SQFT
900		Palm Canyon Parking Area	8819		-	8819
901		Visitor Parking	2071		2071	-
902	10009995	Castle Dome Entrance Parking	3067		-	3067
903	10009994	King Road Entrance Parking	1598		-	1598
904	10009994	King Road Kiosk	2022		-	2022
905	10009994	Pipeline Entrance Parking	2529		-	2529
906	10009964	Palm Canyon Entrance Parking	3763		-	3763
908		Vicksburg Road Entrance Parking	1824		-	1824
909	10009994	MST&T Road	950		-	950

# CHANGES TO THE FISH AND WILDLIFE SERVICE ROAD INVENTORY REPORT

## Kofa - 22570

**Routes added to previous inventory:** No routes added to previous inventory.

	Rte #	Rte Name		
1.			Rte Desc:	
			Reason for Addition:	
2.			Rte Desc:	
			Reason for Addition:	
3.			Rte Desc:	
			Reason for Addition:	

**Routes removed from previous inventory:** No routes removed from previous inventory.

	Rte #	Rte Name		
1.			Rte Desc:	
			Reason for Removal:	
2.			Rte Desc:	
			Reason for Removal:	
3.			Rte Desc:	
			Reason for Removal:	

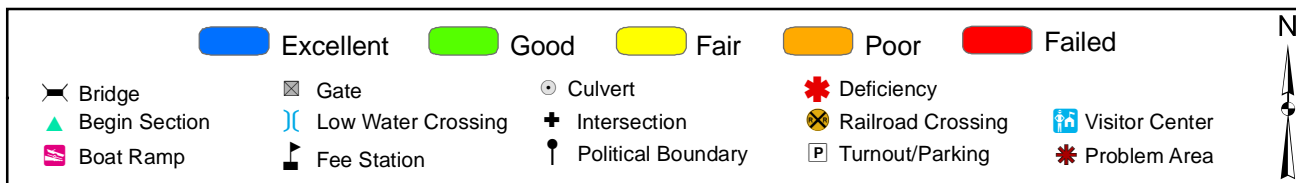
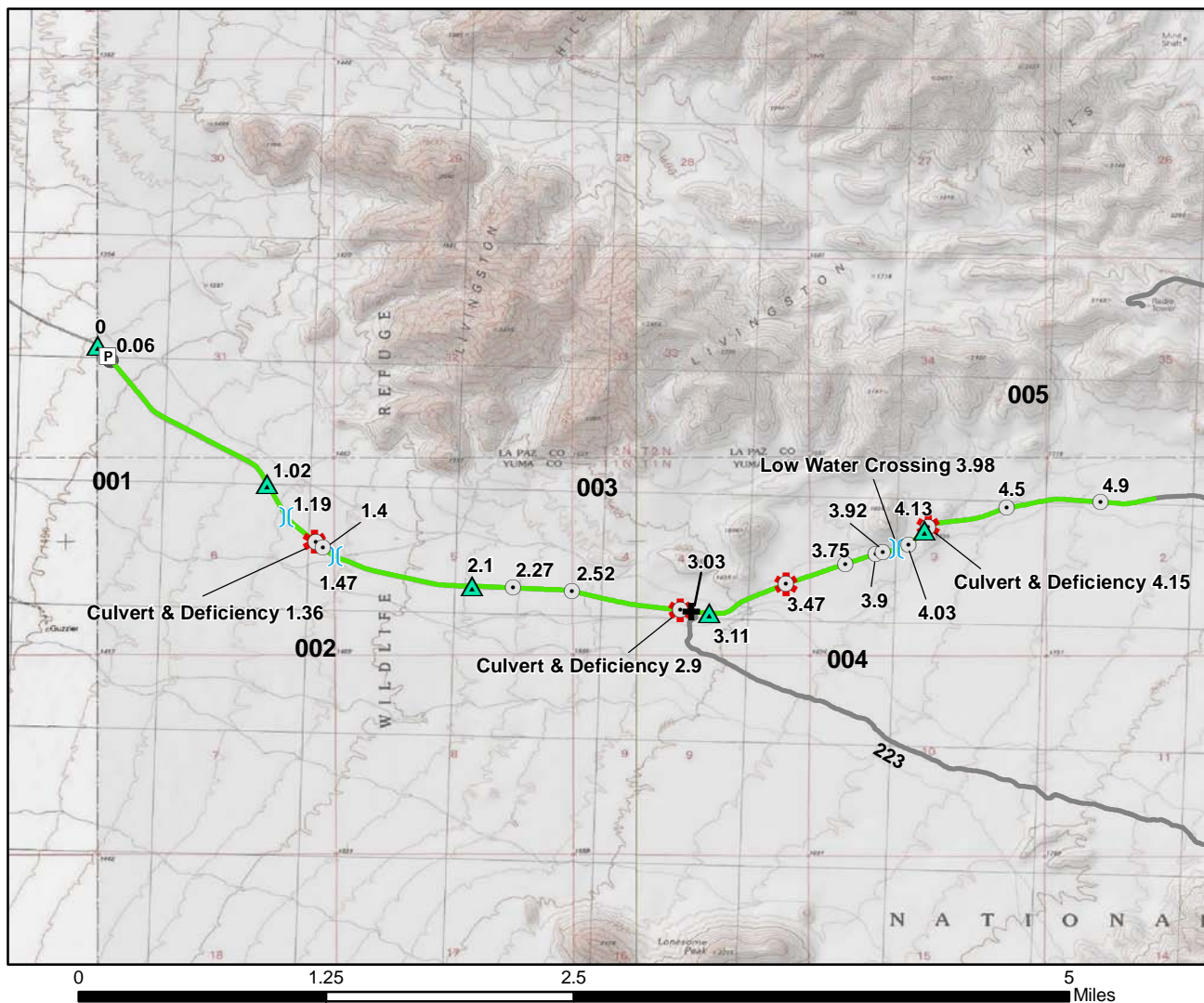
**Routes modified from previous inventory:** No routes modified from previous inventory.

	Rte #	Rte Name		
1.			Rte Desc:	
			Modification:	
2.			Rte Desc:	
			Modification:	
3.			Rte Desc:	
			Modification:	

**Comments:**

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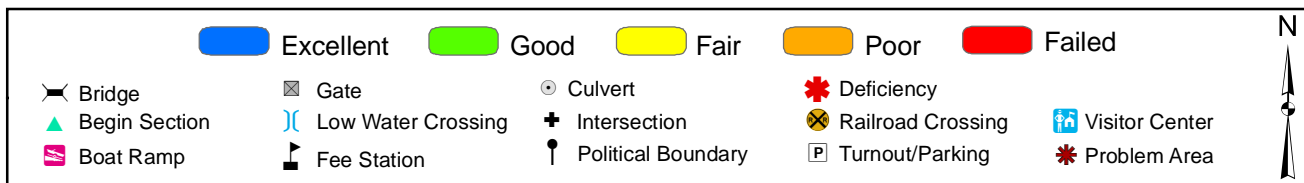
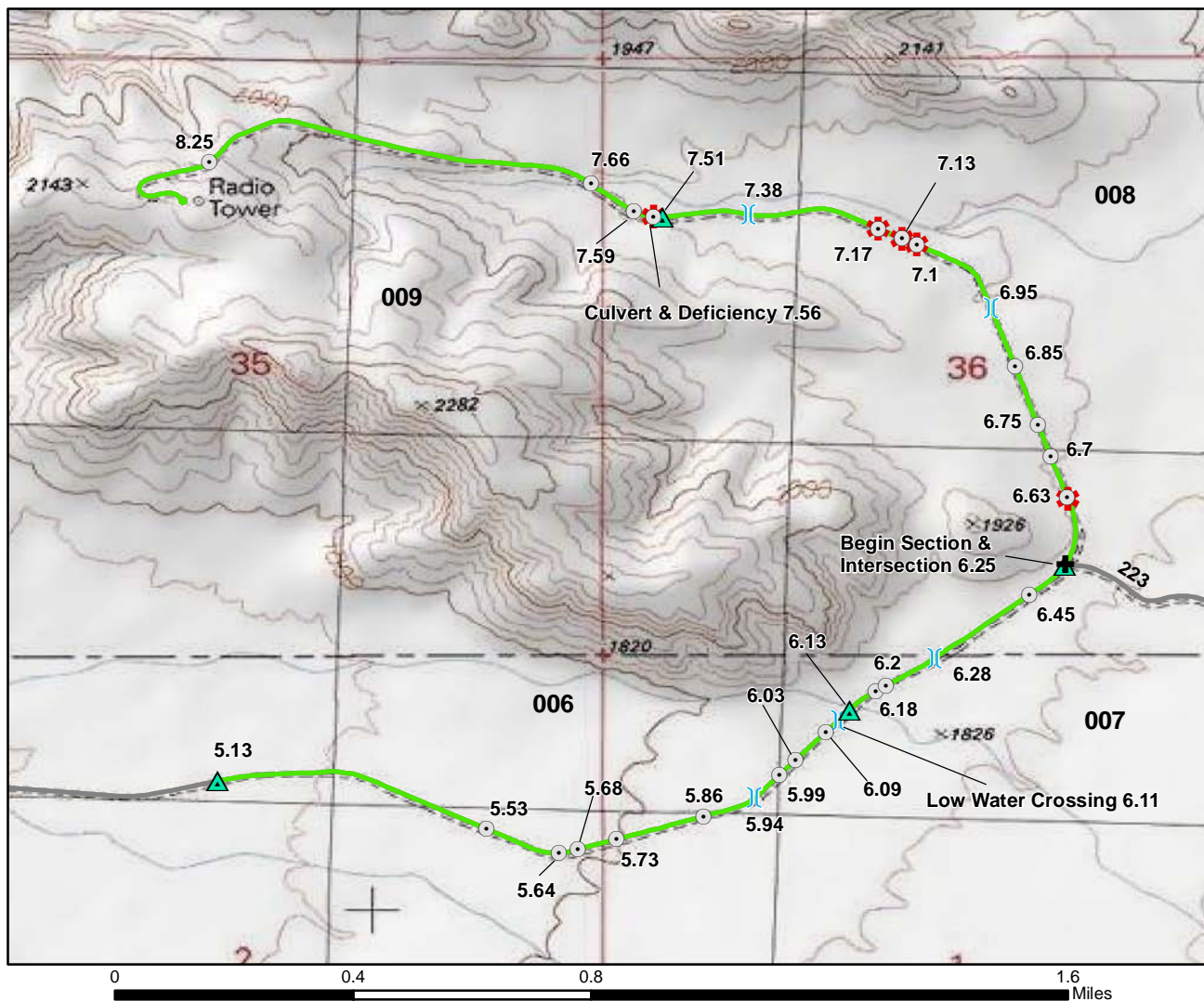
ROUTE: 100 MST&T Road

TOTAL LENGTH: 8.41 Miles

ASSET:

RTE DESCRIPTION: From US Hwy 95, to end of route at MST&T Tower

Section Number	001	002	003	004	005
Section Length (miles)	1.02	1.08	1.01	1.02	1.00
Inspection Date	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
<b>Section Information</b>					
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel
Number of Lanes	2	2	2	2	2
Roadway Width (feet)	18	18	18	18	18
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	7	7	7	7	7
Cost Estimate	\$1700	\$1800	\$1700	\$1700	\$1600
CRV	\$710800	\$748400	\$705900	\$710100	\$695900



ROUTE: 100 MST&T Road

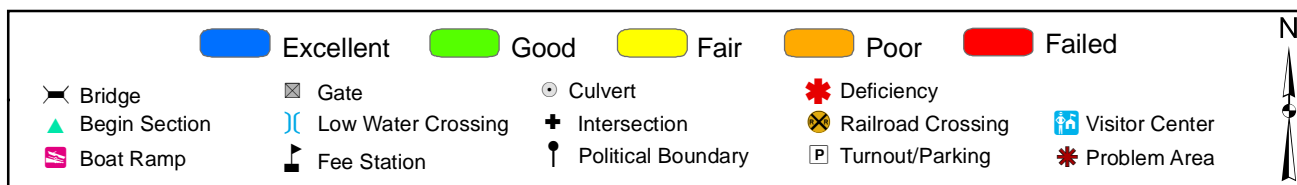
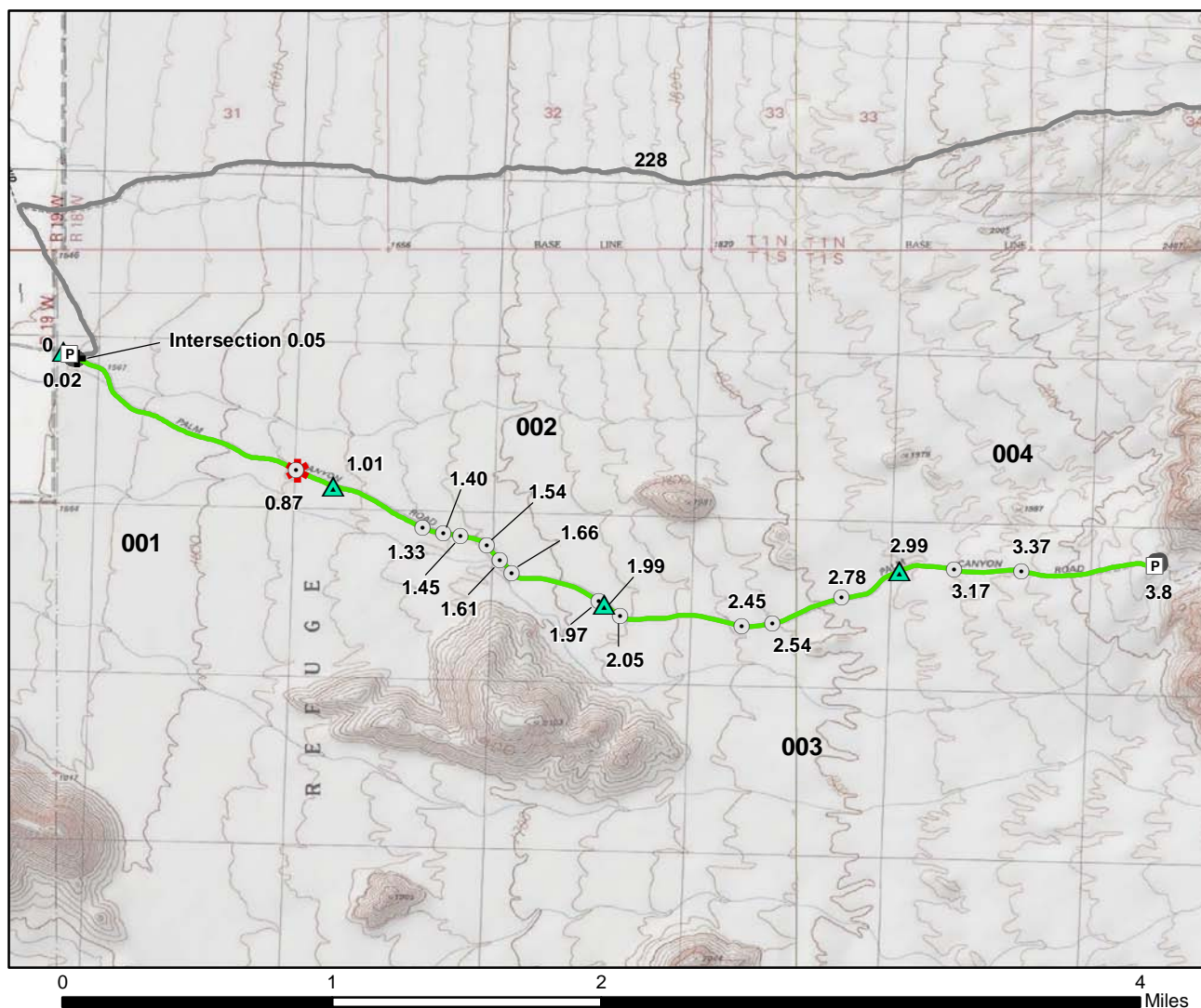
TOTAL LENGTH: 8.41 Miles

ASSET:

RTE DESCRIPTION: From US Hwy 95, to end of route at MST&T Tower

Section Number	006	007	008	009	
Section Length (miles)	1.00	0.39	0.99	0.89	
Inspection Date	4/7/2008	4/7/2008	4/7/2008	4/7/2008	
<b>Section Information</b>					
Surface Type	Gravel	Gravel	Gravel	Gravel	
Number of Lanes	2	2	2	2	
Roadway Width (feet)	18	18	18	18	
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	
Remaining Service Life (years)	7	7	7	7	
Cost Estimate	\$1600	\$600	\$1600	\$1500	
CRV	\$697700	\$270700	\$685300	\$621600	





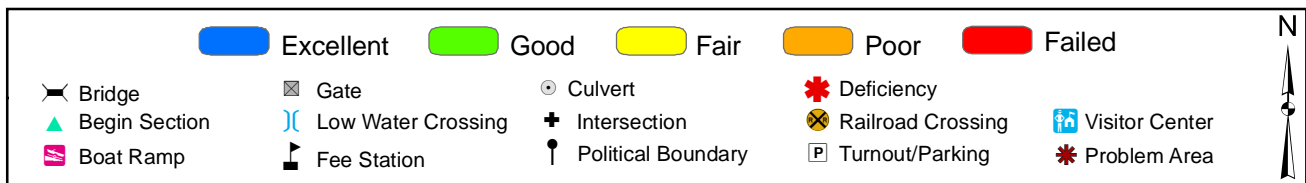
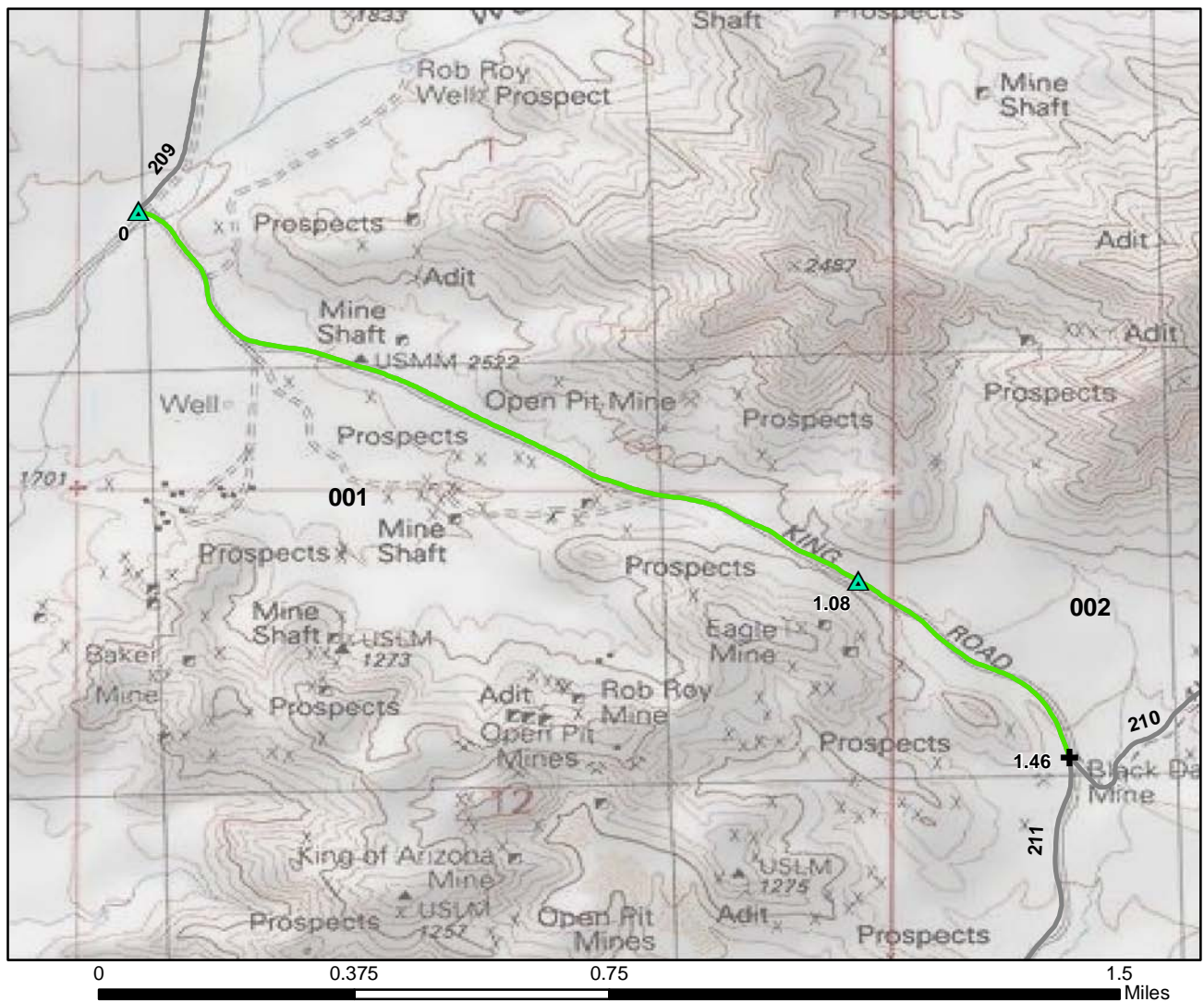
ROUTE: 101      Palm Canyon Road

TOTAL LENGTH: 3.8 Miles

ASSET: 10009964

RTE DESCRIPTION: From west refuge boundary off US Hwy 95, to Palm Canyon Parking Area (Rte 900)

Section Number	001	002	003	004
Section Length (miles)	1.01	0.98	1.00	0.81
Inspection Date	4/4/2008	4/4/2008	4/4/2008	4/4/2008
<b>Section Information</b>				
Surface Type	Gravel	Gravel	Gravel	Gravel
Number of Lanes	2	2	2	2
Roadway Width (feet)	18	18	18	18
<b>Roadway Condition Information</b>				
Condition	Good	Good	Good	Good
Remaining Service Life (years)	7	7	7	7
Cost Estimate	\$1600	\$1600	\$1600	\$1300
CRV	\$703200	\$683100	\$696200	\$564000



ROUTE: 102 King Road

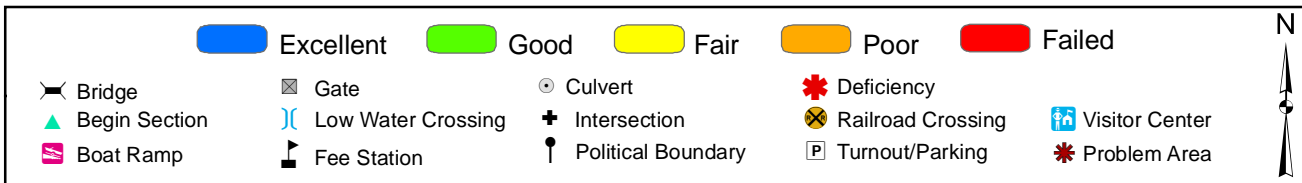
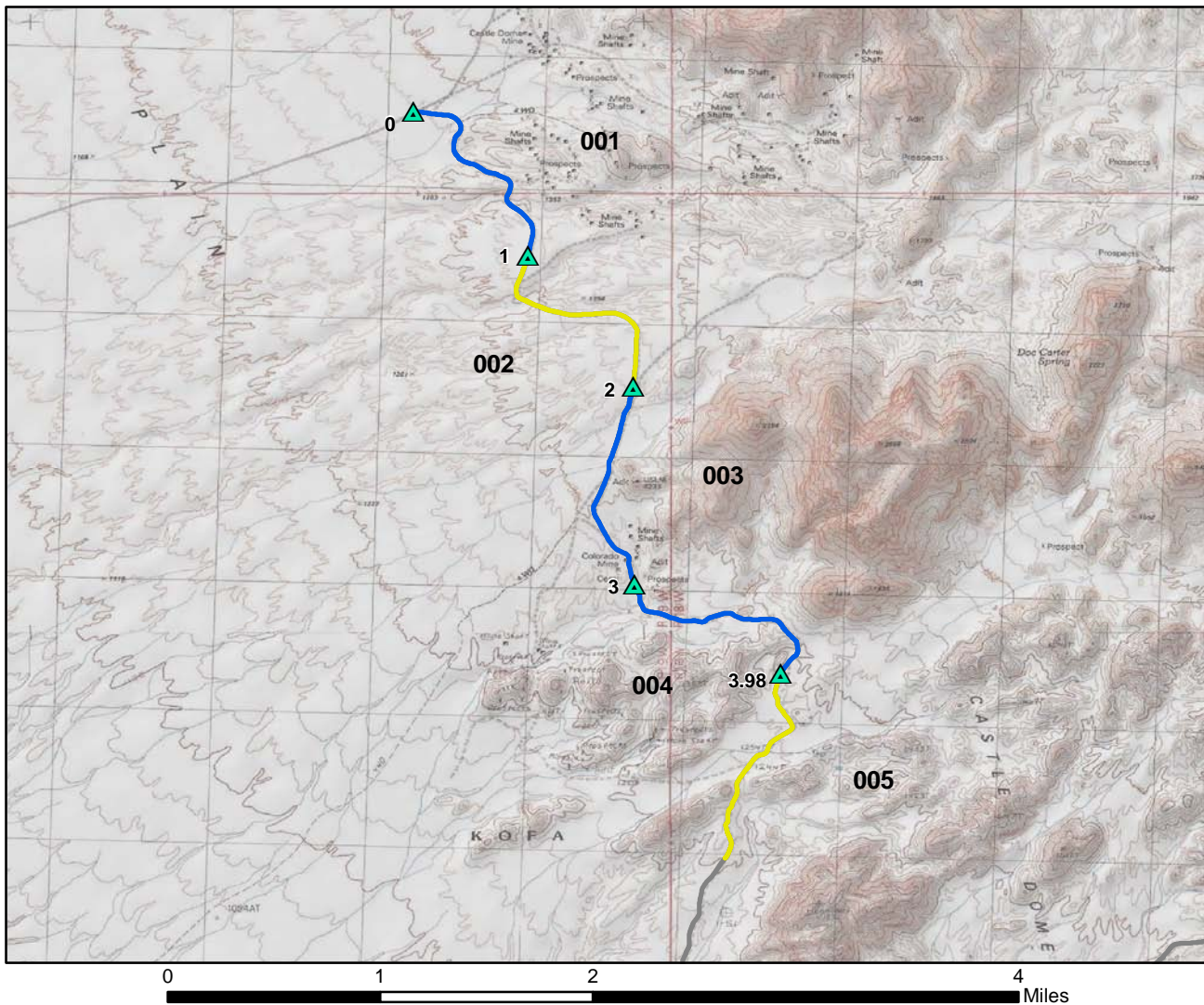
TOTAL LENGTH: 1.46 Miles

ASSET: 10009994

RTE DESCRIPTION: From King Valley County Road, to Neversweat Ridge Road (Rte 211)

Section Number	001	002			
Section Length (miles)	1.08	0.38			
Inspection Date	4/2/2008	4/2/2008			
<b>Section Information</b>					
Surface Type	Primitive	Primitive			
Number of Lanes	1	1			
Roadway Width (feet)	12	12			
<b>Roadway Condition Information</b>					
Condition	Good	Good			
Remaining Service Life (years)	7	7			
Cost Estimate	\$500	\$200			
CRV	\$0	\$0			





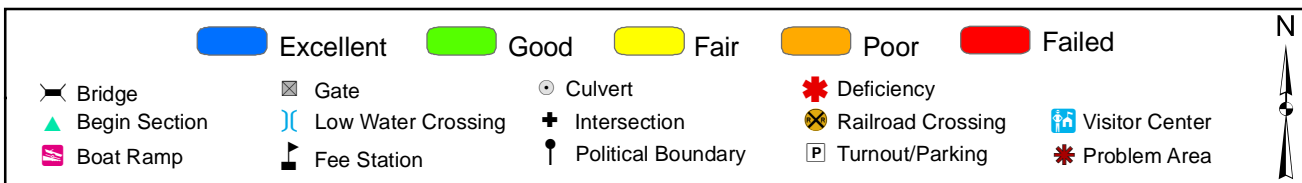
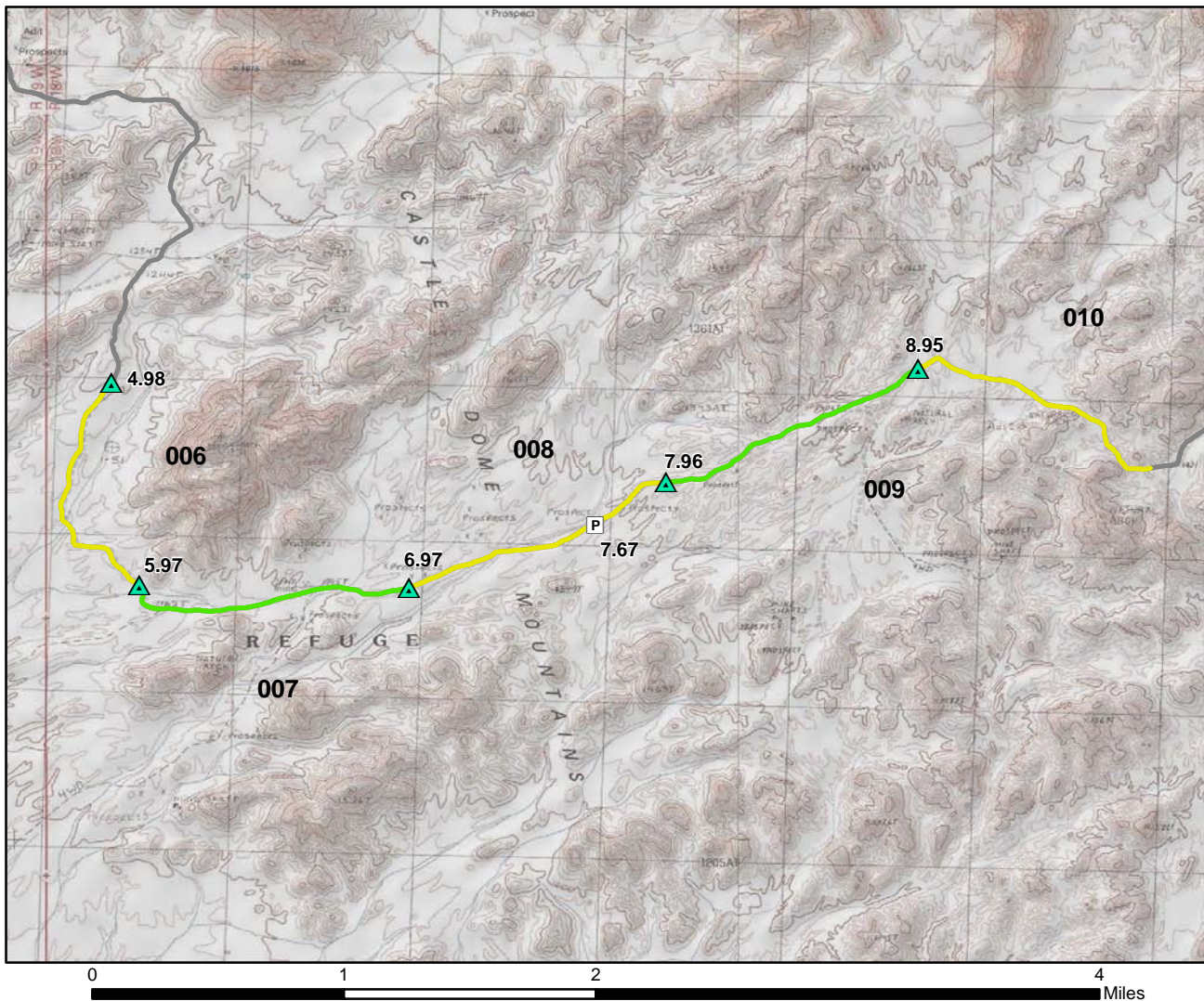
ROUTE: 200 Big Eye Mine Road

TOTAL LENGTH: 15.33 Miles

ASSET: 10009995

RTE DESCRIPTION: From Castle Dome County Road, to end of route

Section Number	001	002	003	004	005
Section Length (miles)	1.00	0.99	1.01	0.98	1.00
Inspection Date	4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	10	10	10	10	10
<b>Roadway Condition Information</b>					
Condition	Excellent	Fair	Excellent	Excellent	Fair
Remaining Service Life (years)	8	3	9	9	3
Cost Estimate	\$0	\$700	\$0	\$0	\$700
CRV	\$0	\$0	\$0	\$0	\$0



ROUTE: 200 Big Eye Mine Road

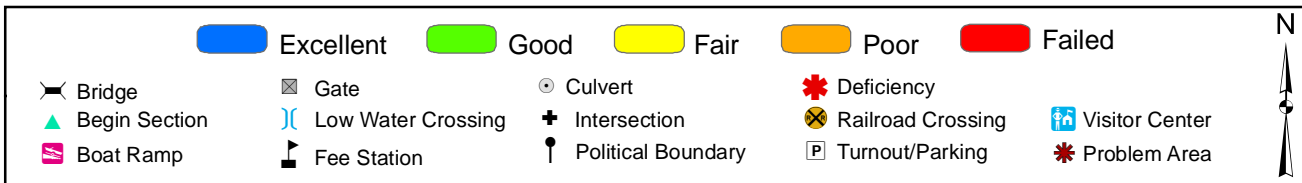
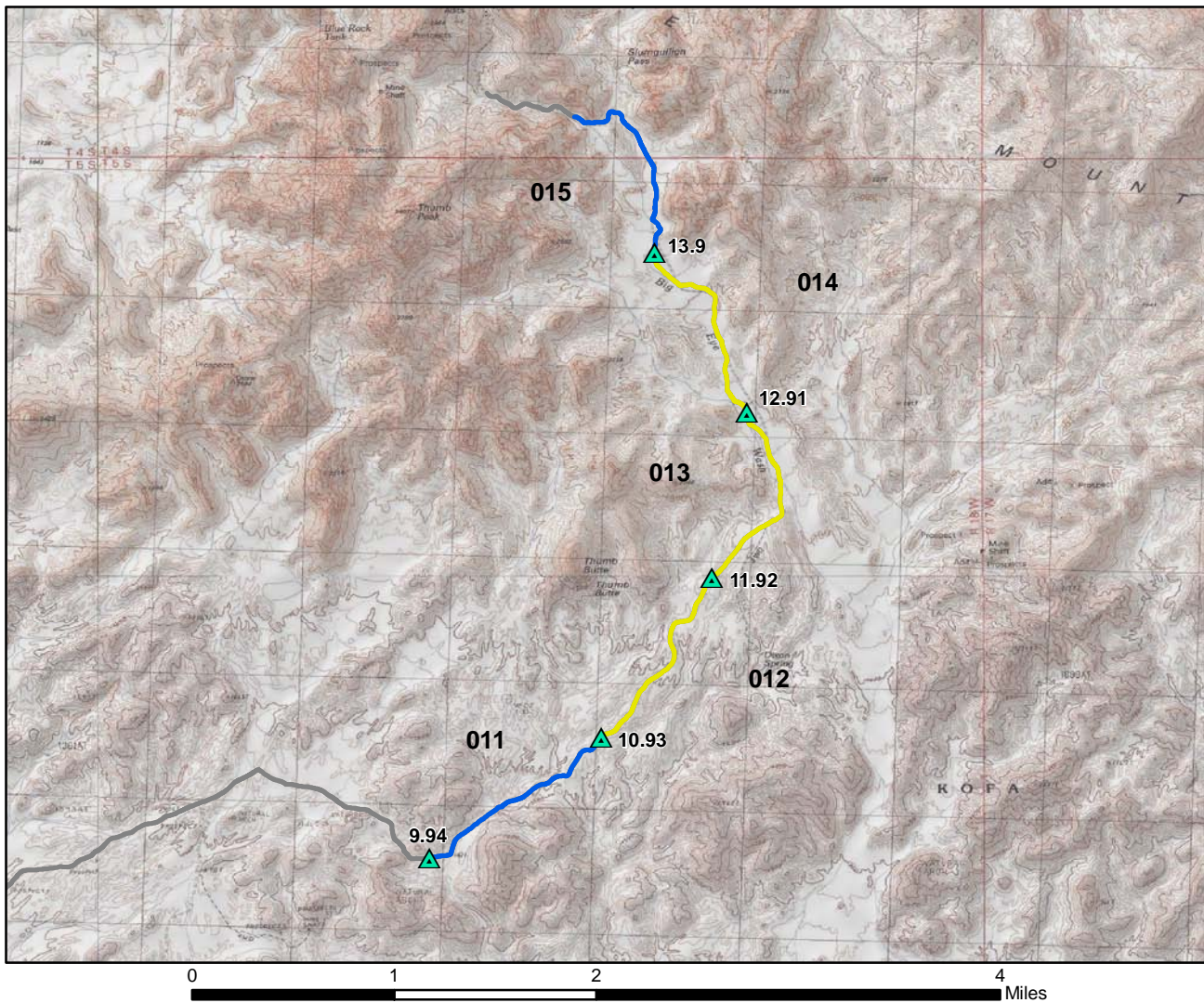
TOTAL LENGTH: 15.33 Miles

ASSET: 10009995

RTE DESCRIPTION: From Castle Dome County Road, to end of route

Section Number	006	007	008	009	010
Section Length (miles)	1.00	1.00	0.99	0.99	0.99
Inspection Date	4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	10	10	10	8	8
<b>Roadway Condition Information</b>					
Condition	Fair	Good	Fair	Good	Fair
Remaining Service Life (years)	3	7	3	7	3
Cost Estimate	\$700	\$400	\$700	\$400	\$700
CRV	\$0	\$0	\$0	\$0	\$0





ROUTE: 200 Big Eye Mine Road

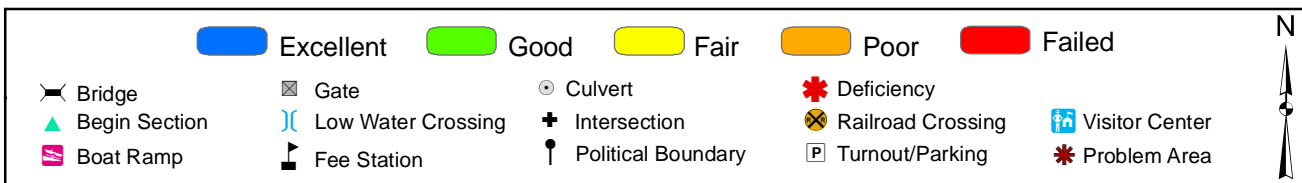
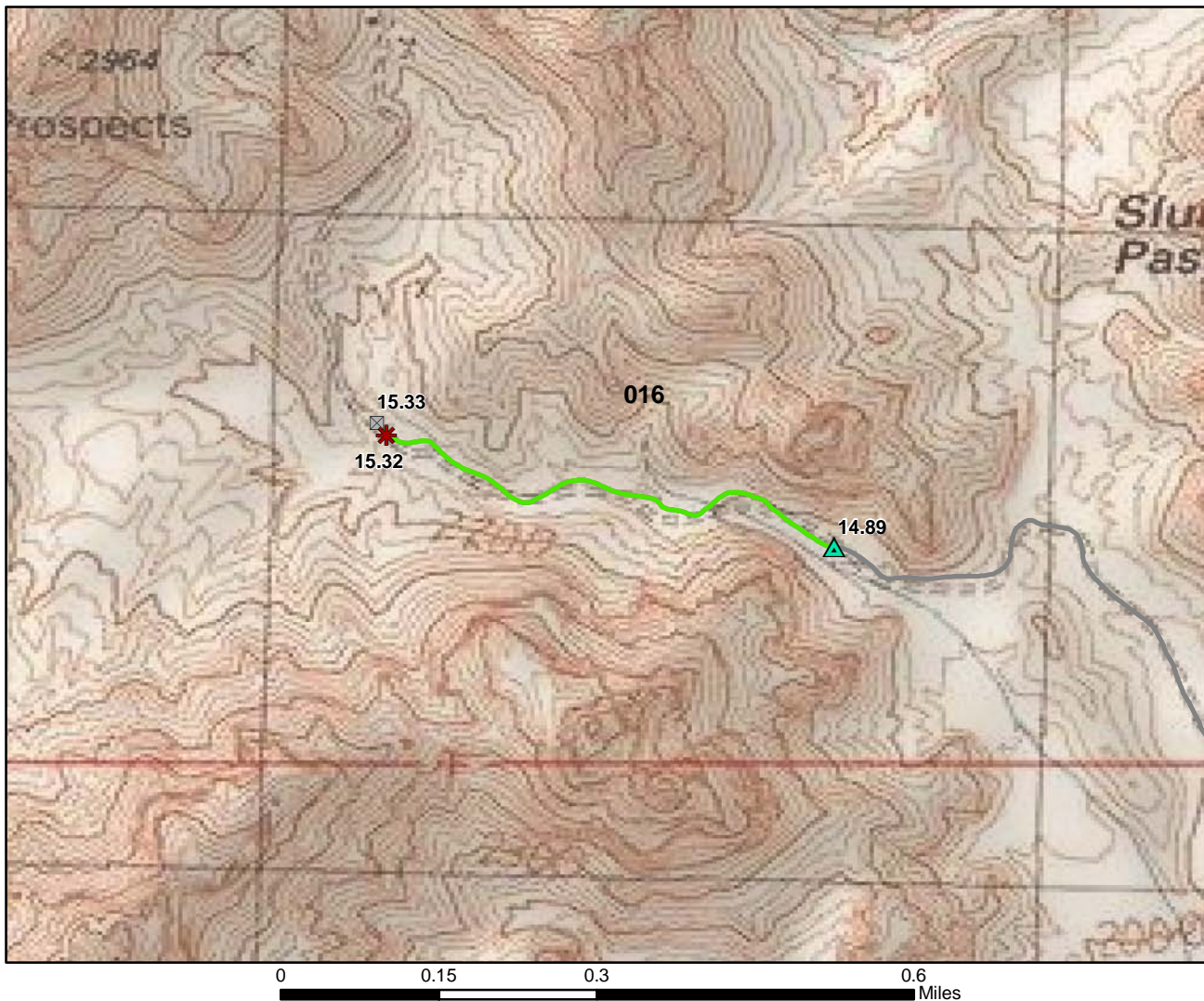
TOTAL LENGTH: 15.33 Miles

ASSET: 10009995

RTE DESCRIPTION: From Castle Dome County Road, to end of route

Section Number	011	012	013	014	015
Section Length (miles)	1.00	0.99	0.99	0.99	0.99
Inspection Date	4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Fair	Fair	Fair	Good
Remaining Service Life (years)	7	3	3	3	7
Cost Estimate	\$400	\$700	\$700	\$700	\$400
CRV	\$0	\$0	\$0	\$0	\$0



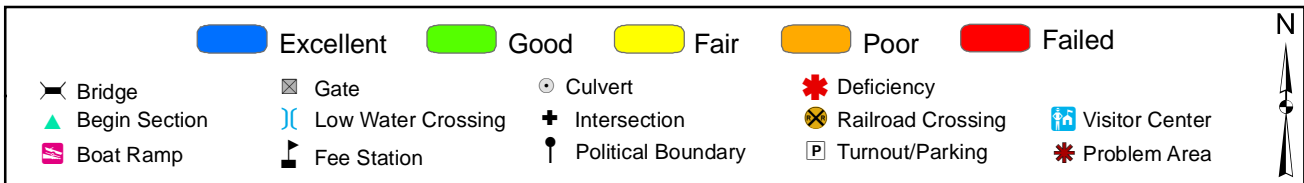
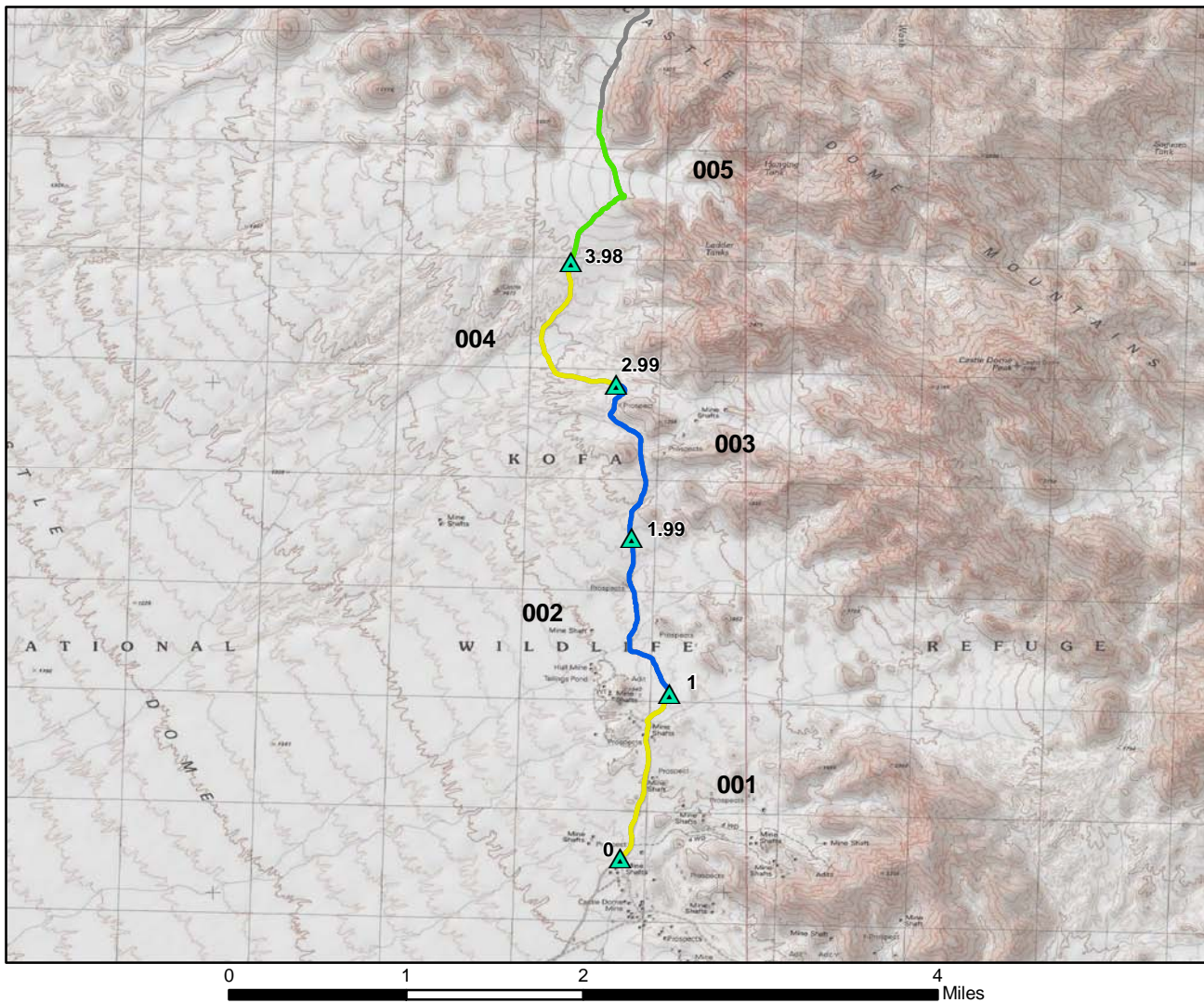


ROUTE: 200      Big Eye Mine Road      TOTAL LENGTH: 15.33 Miles

ASSET: 10009995

RTE DESCRIPTION: From Castle Dome County Road to end of route

Section Number	016				
Section Length (miles)	0.44				
Inspection Date	4/1/2008				
<b>Section Information</b>					
Surface Type	Primitive				
Number of Lanes	1				
Roadway Width (feet)	8				
<b>Roadway Condition Information</b>					
Condition	Good				
Remaining Service Life (years)	7				
Cost Estimate	\$200				
CRV	\$0				



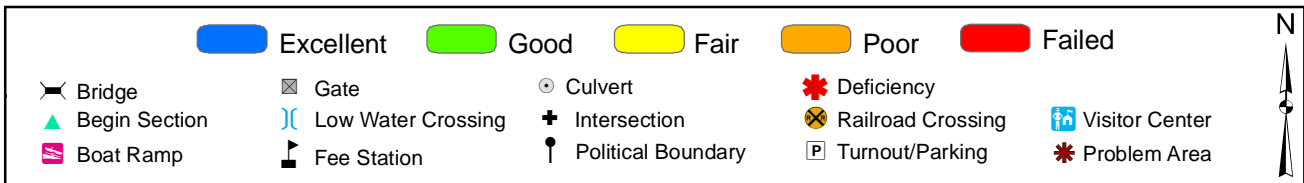
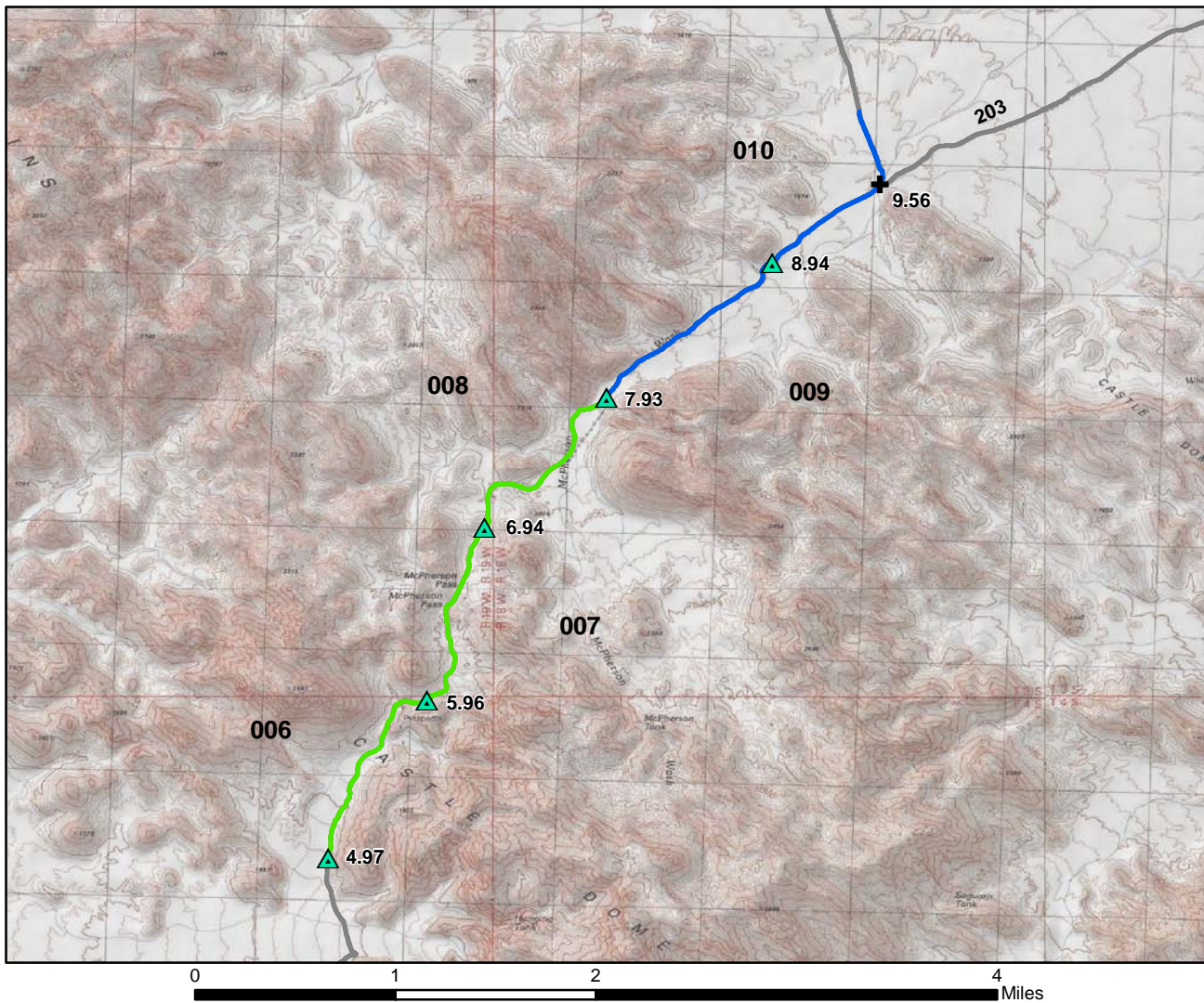
ROUTE: 201      McPherson Pass Road      TOTAL LENGTH: 15.56 Miles

ASSET: 10009995

RTE DESCRIPTION: From Castle Dome County Road to King Valley County Road

Section Number	001	002	003	004	005
Section Length (miles)	1.00	0.99	1.00	0.99	0.99
Inspection Date	4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	12	10	10	10	8
<b>Roadway Condition Information</b>					
Condition	Fair	Excellent	Excellent	Fair	Good
Remaining Service Life (years)	3	9	9	3	5
Cost Estimate	\$700	\$0	\$0	\$700	\$400
CRV	\$0	\$0	\$0	\$0	\$0





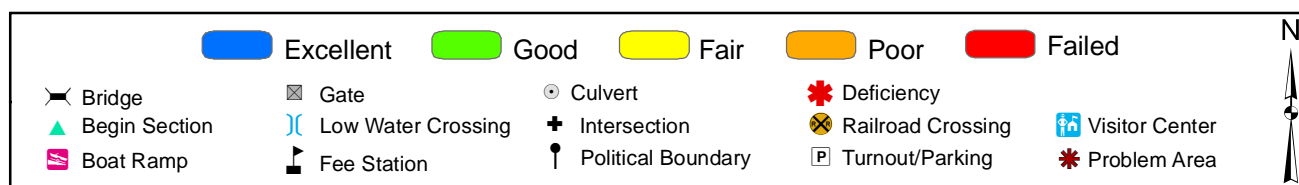
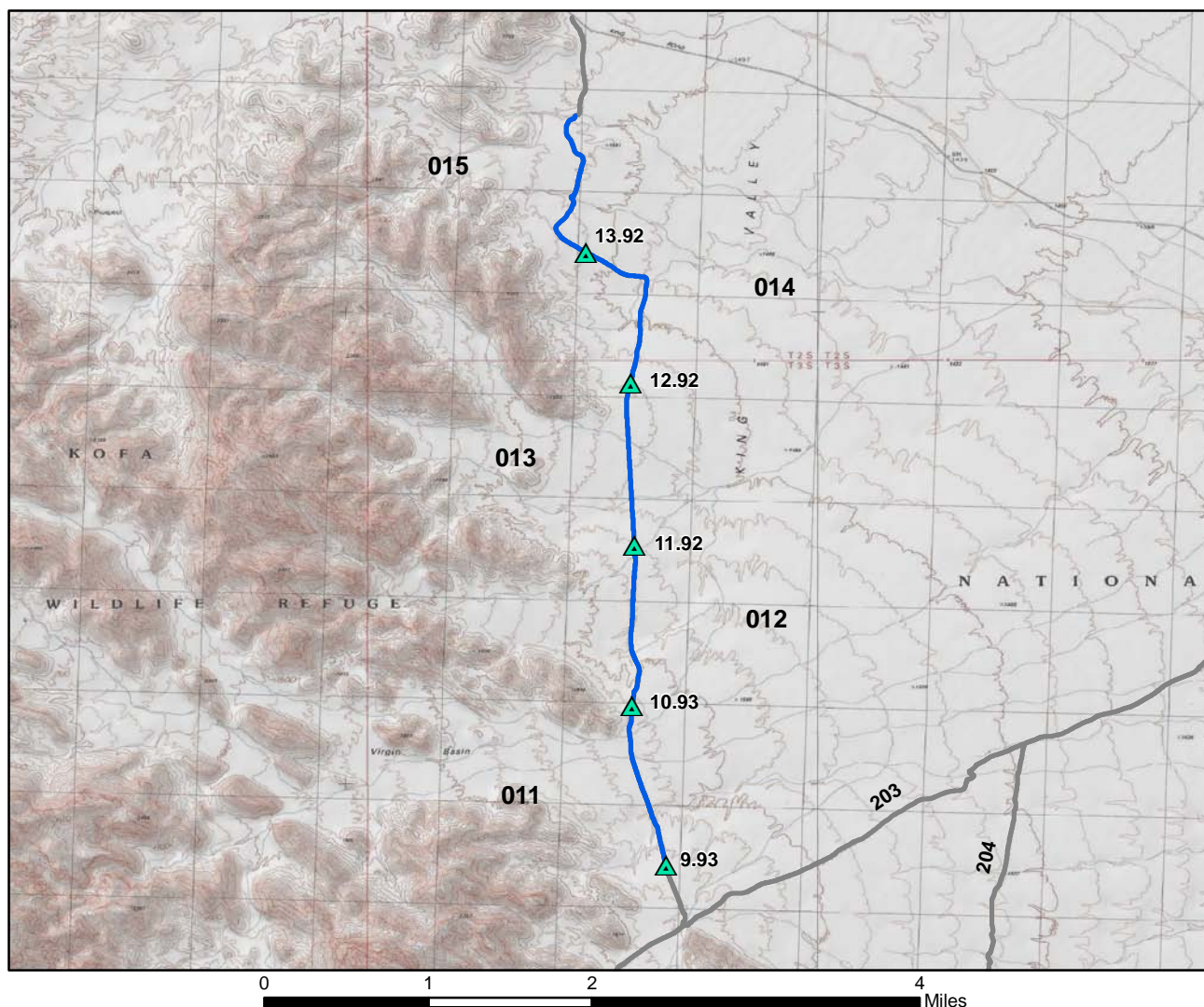
ROUTE: 201 McPherson Pass Road TOTAL LENGTH: 15.56 Miles

ASSET: 10009995

RTE DESCRIPTION: From Castle Dome County Road to King Valley County Road

Section Number	006	007	008	009	010
Section Length (miles)	0.99	0.98	0.99	1.01	0.99
Inspection Date	4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Excellent	Excellent
Remaining Service Life (years)	7	7	7	9	9
Cost Estimate	\$400	\$400	\$400	\$0	\$0
CRV	\$0	\$0	\$0	\$0	\$0





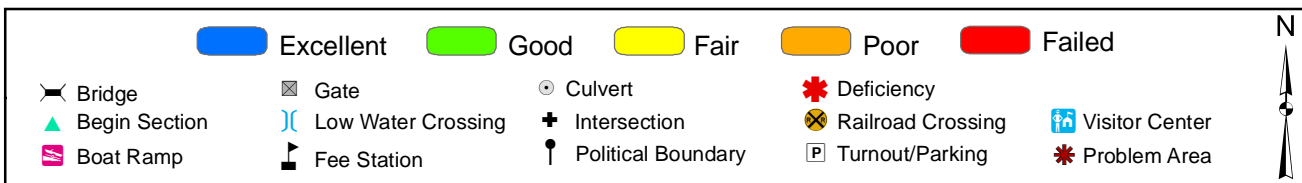
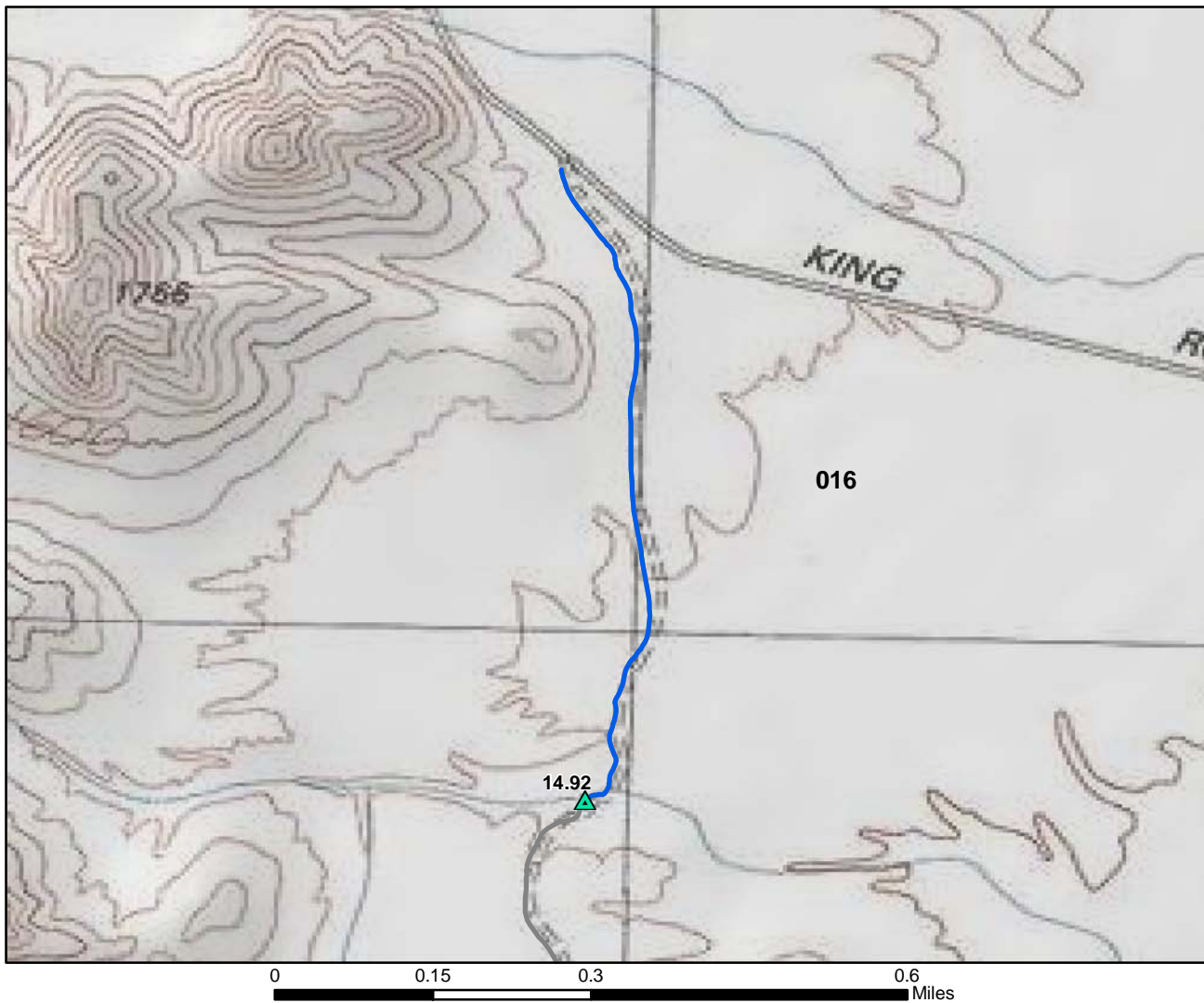
ROUTE: 201 McPherson Pass Road

TOTAL LENGTH: 15.56 Miles

ASSET: 10009995

RTE DESCRIPTION: From Castle Dome County Road to King Valley County Road

Section Number	011	012	013	014	015
Section Length (miles)	1.00	0.99	0.99	1.00	1.00
Inspection Date	4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Excellent	Excellent	Excellent
Remaining Service Life (years)	9	9	9	8	9
Cost Estimate	\$0	\$0	\$0	\$0	\$0
CRV	\$0	\$0	\$0	\$0	\$0



ROUTE: 201 McPherson Pass Road

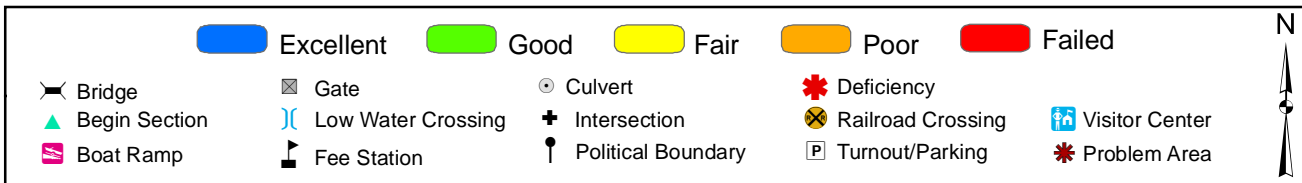
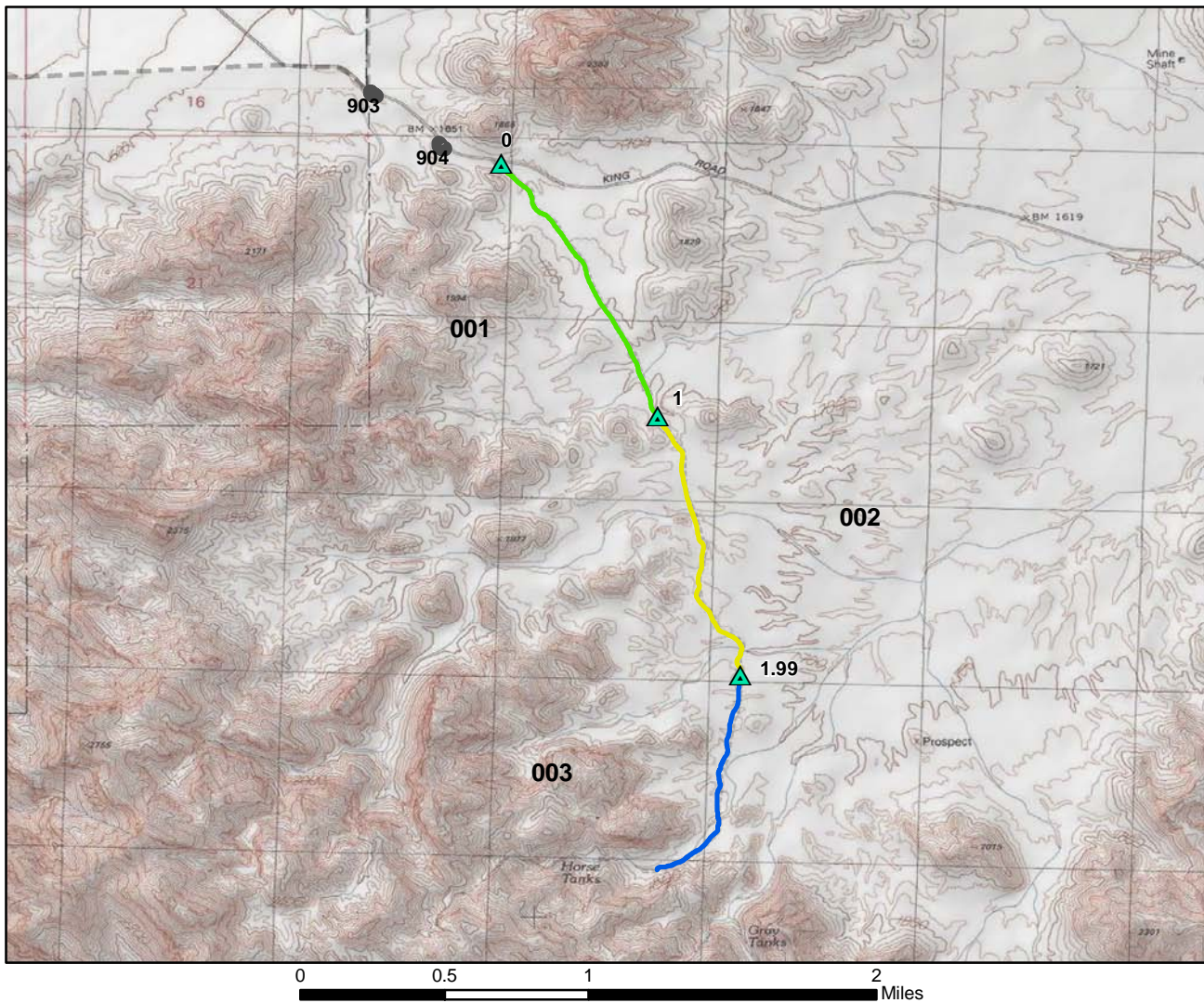
TOTAL LENGTH: 15.56 Miles

ASSET: 10009995

RTE DESCRIPTION: From Castle Dome County Road to King Valley County Road

Section Number	016				
Section Length (miles)	0.63				
Inspection Date	4/1/2008				
<b>Section Information</b>					
Surface Type	Primitive				
Number of Lanes	1				
Roadway Width (feet)	8				
<b>Roadway Condition Information</b>					
Condition	Excellent				
Remaining Service Life (years)	8				
Cost Estimate	\$0				
CRV	\$0				





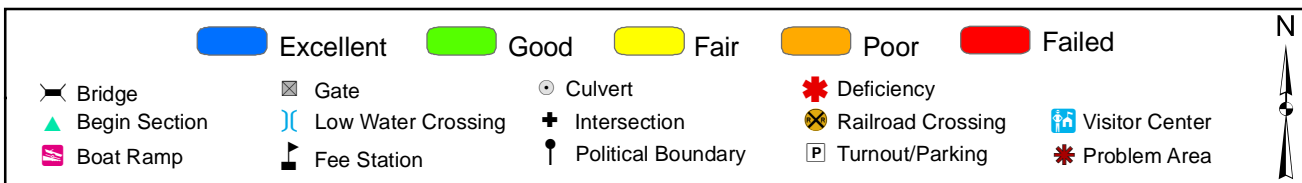
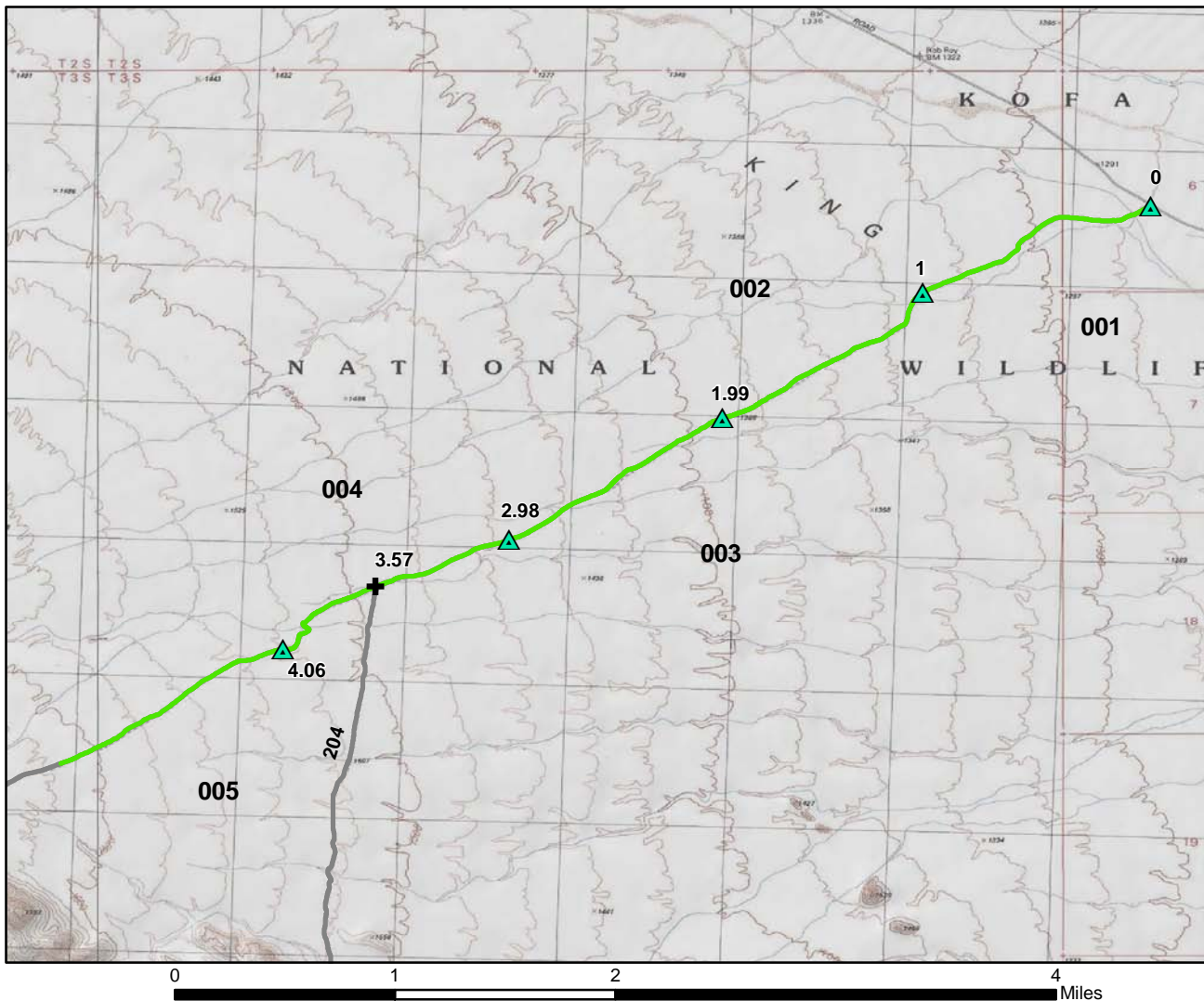
ROUTE: 202 Horse Tank Road

TOTAL LENGTH: 2.7 Miles

ASSET: 10009995

RTE DESCRIPTION: From King Valley County Road to end of route

Section Number	001	002	003		
Section Length (miles)	1.01	0.99	0.78		
Inspection Date	4/2/2008	4/2/2008	4/2/2008		
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive		
Number of Lanes	1	1	1		
Roadway Width (feet)	8	8	8		
<b>Roadway Condition Information</b>					
Condition	Good	Fair	Excellent		
Remaining Service Life (years)	7	3	9		
Cost Estimate	\$400	\$700	\$0		
CRV	\$0	\$0	\$0		



ROUTE: 203      Junction 76 Road

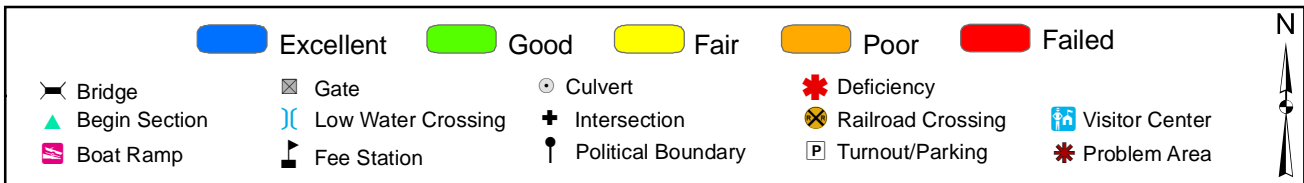
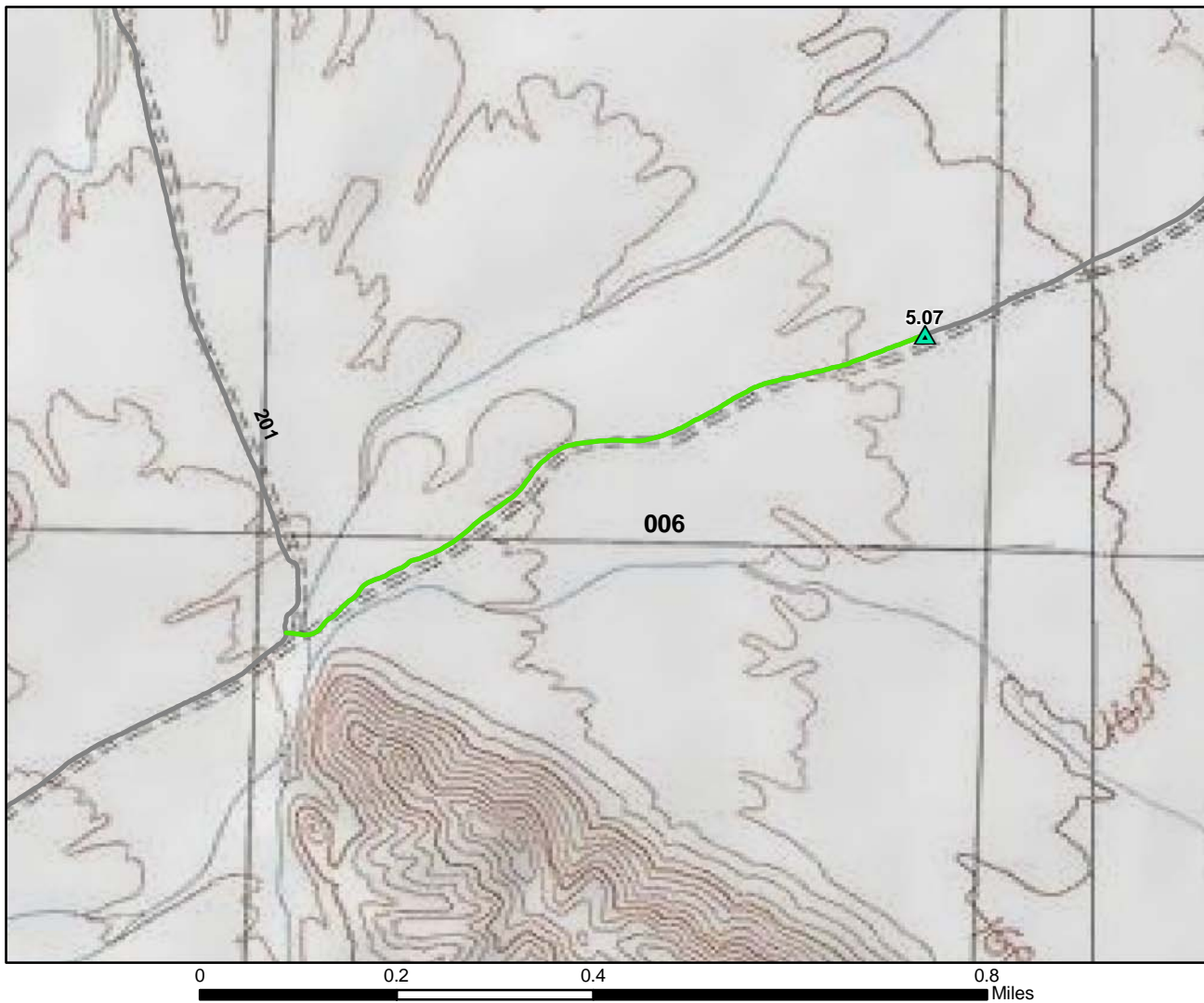
TOTAL LENGTH: 5.72 Miles

ASSET: 10009995

RTE DESCRIPTION: From King Valley County Road to McPherson Pass Road (Rte 211)

Section Number	001	002	003	004	005
Section Length (miles)	1.01	0.99	0.99	1.08	1.01
Inspection Date	4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	7	7	7	7	5
Cost Estimate	\$400	\$400	\$400	\$500	\$400
CRV	\$0	\$0	\$0	\$0	\$0



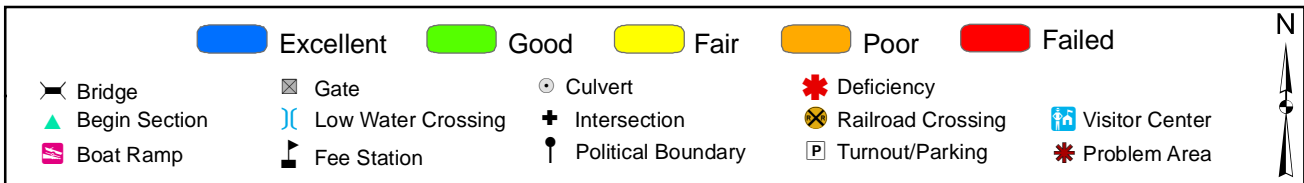
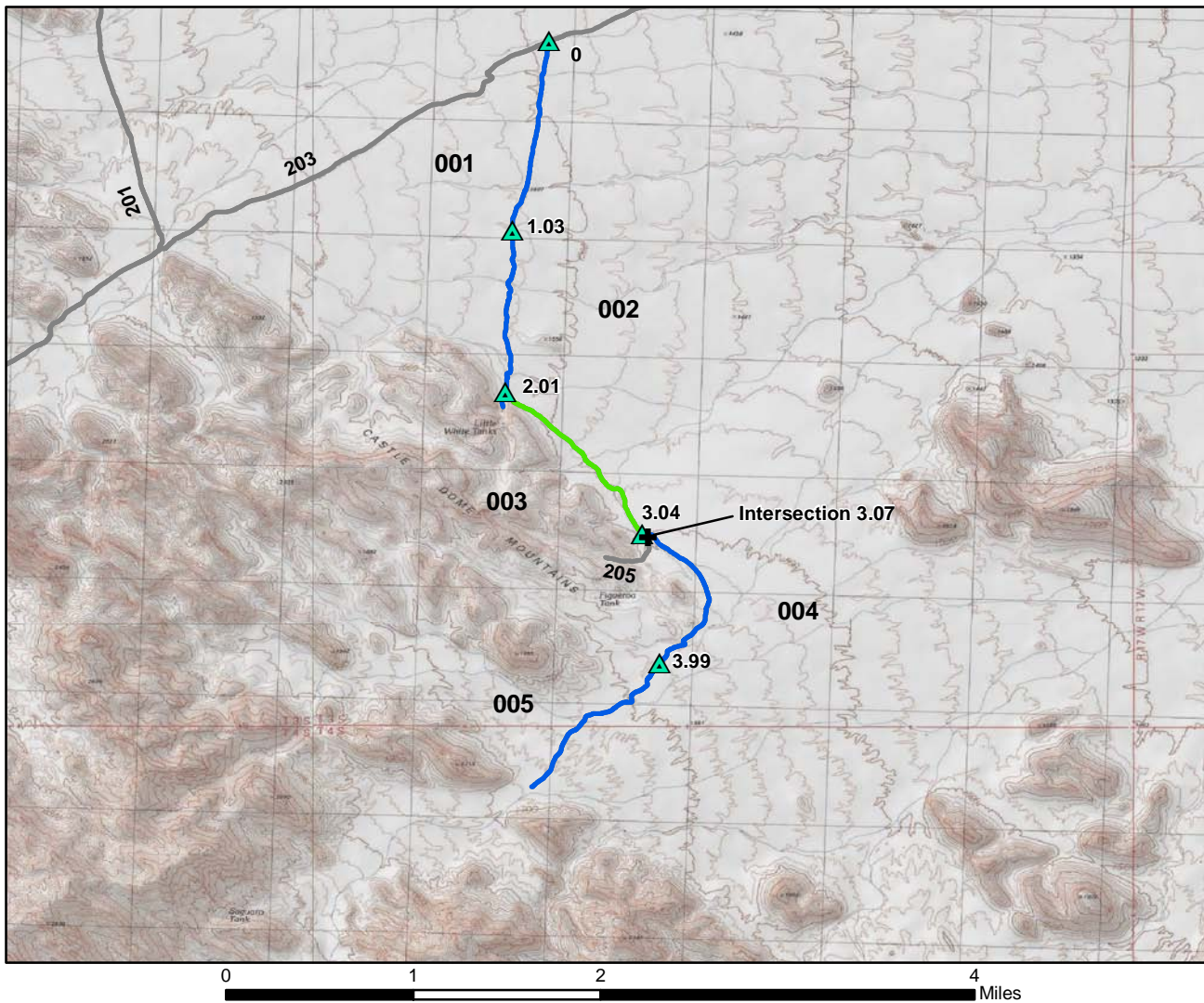


ROUTE: 203      Junction 76 Road      TOTAL LENGTH: 5.72 Miles

ASSET: 10009995

RTE DESCRIPTION: From King Valley County Road to McPherson Pass Road (Rte 211)

Section Number	006				
Section Length (miles)	0.65				
Inspection Date	4/1/2008				
<b>Section Information</b>					
Surface Type	Primitive				
Number of Lanes	1				
Roadway Width (feet)	8				
<b>Roadway Condition Information</b>					
Condition	Good				
Remaining Service Life (years)	7				
Cost Estimate	\$300				
CRV	\$0				

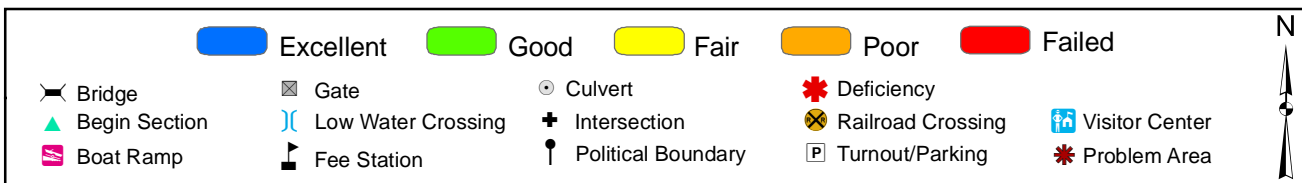
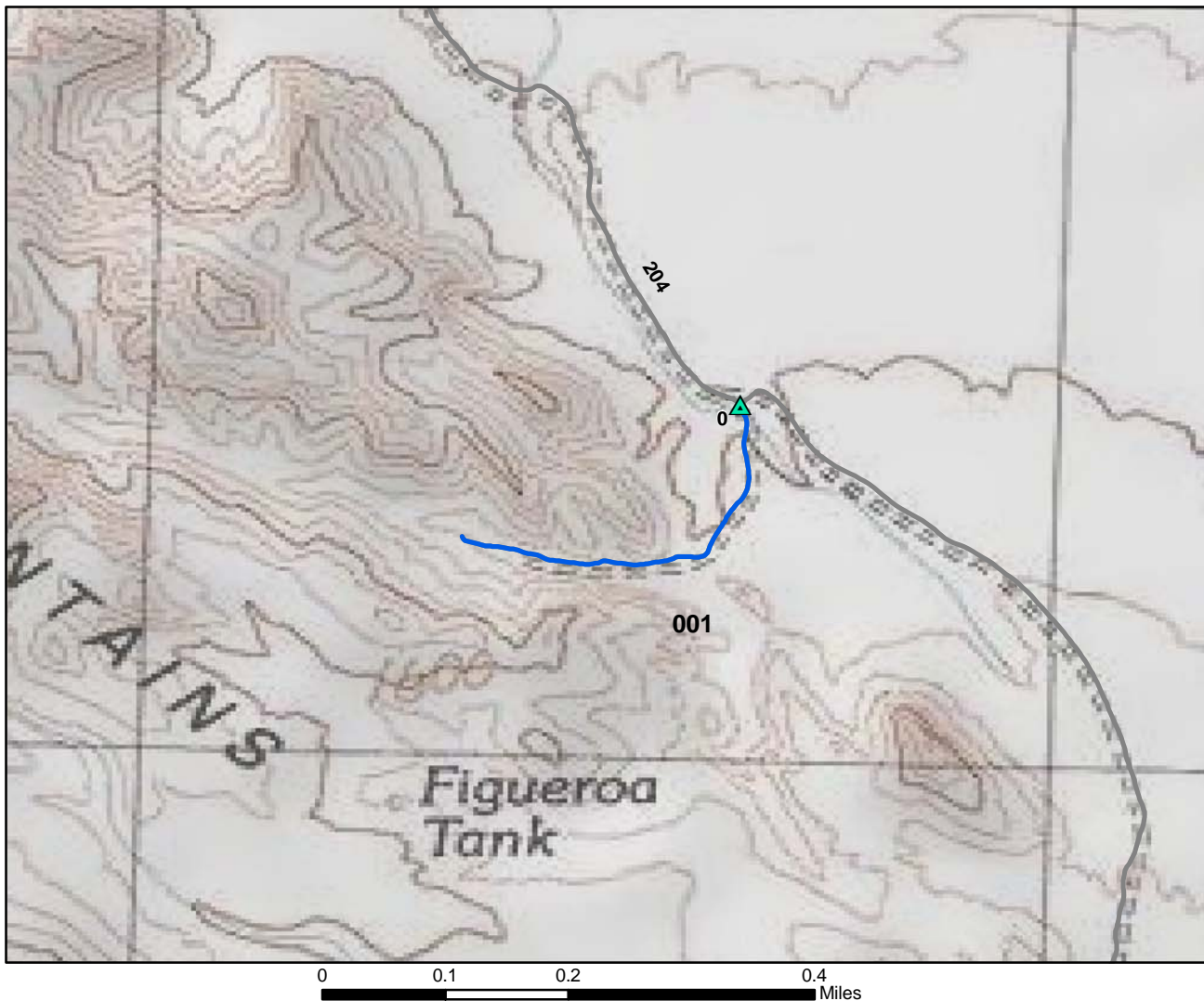


ROUTE: 204 Little White Tanks Road TOTAL LENGTH: 4.95 Miles

ASSET: 10009995

RTE DESCRIPTION: From Junction 76 Road (Rte 203) to end of route

Section Number	001	002	003	004	005
Section Length (miles)	1.04	0.98	1.03	0.95	0.95
Inspection Date	4/1/2008	4/1/2008	4/1/2008	4/1/2008	4/1/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Good	Excellent	Excellent
Remaining Service Life (years)	9	9	7	9	9
Cost Estimate	\$0	\$0	\$500	\$0	\$0
CRV	\$0	\$0	\$0	\$0	\$0



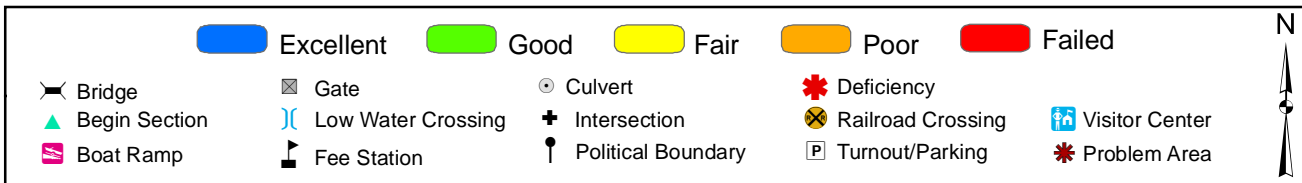
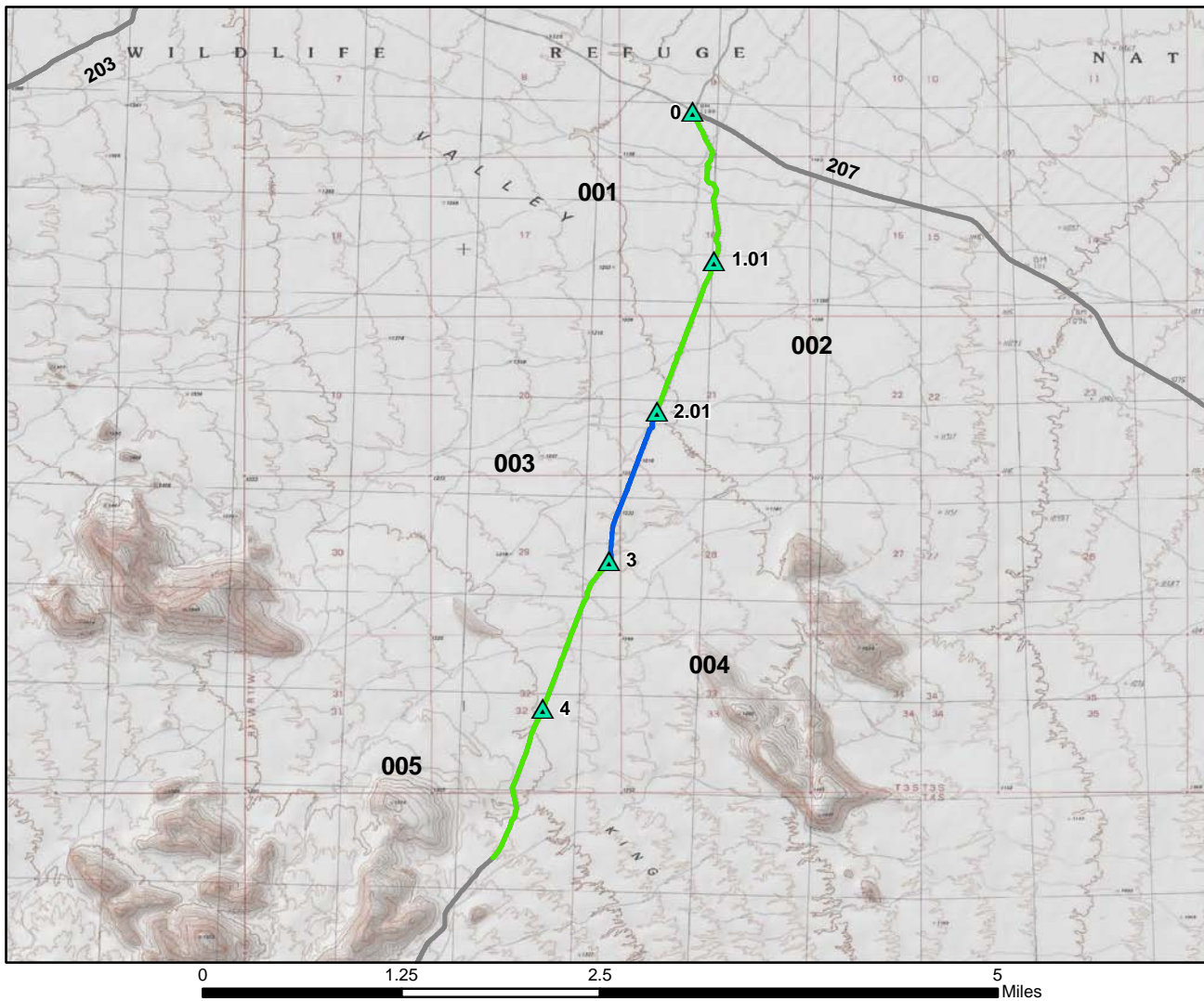
ROUTE: 205      Figueroa Tank Road      TOTAL LENGTH: 0.3 Miles

ASSET: 10009995

RTE DESCRIPTION: From Little White Tanks Road (Rte 204), to end of route at Figueroa Tank

Section Number	001				
Section Length (miles)	0.30				
Inspection Date	4/1/2008				
<b>Section Information</b>					
Surface Type	Primitive				
Number of Lanes	1				
Roadway Width (feet)	8				
<b>Roadway Condition Information</b>					
Condition	Excellent				
Remaining Service Life (years)	9				
Cost Estimate	\$0				
CRV	\$0				





ROUTE: 206 Adams Well Road

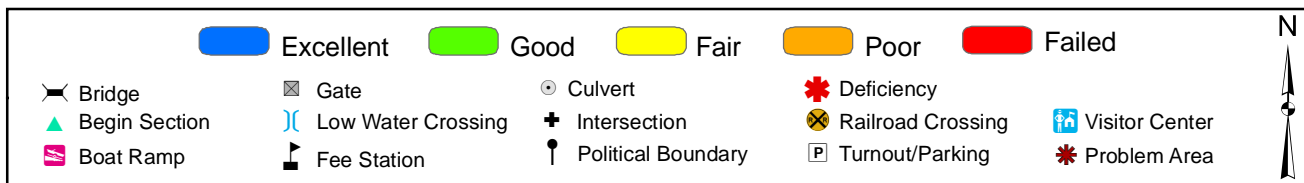
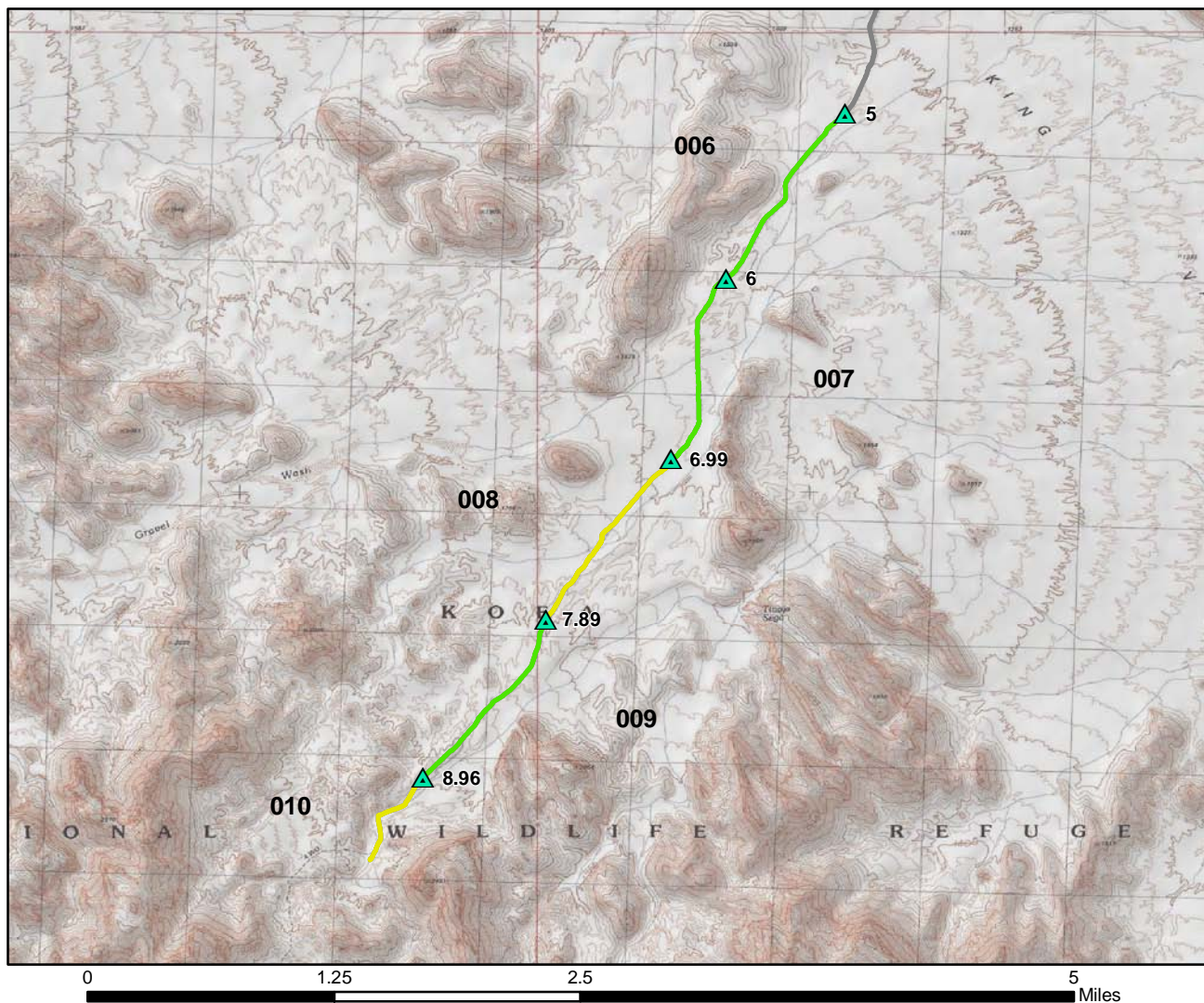
TOTAL LENGTH: 9.5 Miles

ASSET: 10009995

RTE DESCRIPTION: From King Valley County Road to end of route

Section Number	001	002	003	004	005
Section Length (miles)	1.02	1.00	0.99	1.00	1.00
Inspection Date	4/2/2008	4/2/2008	4/2/2008	4/2/2008	4/2/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Excellent	Good	Good
Remaining Service Life (years)	7	7	9	7	7
Cost Estimate	\$400	\$400	\$0	\$400	\$400
CRV	\$0	\$0	\$0	\$0	\$0





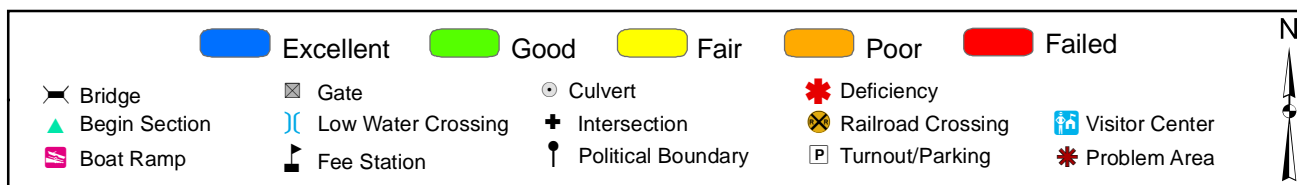
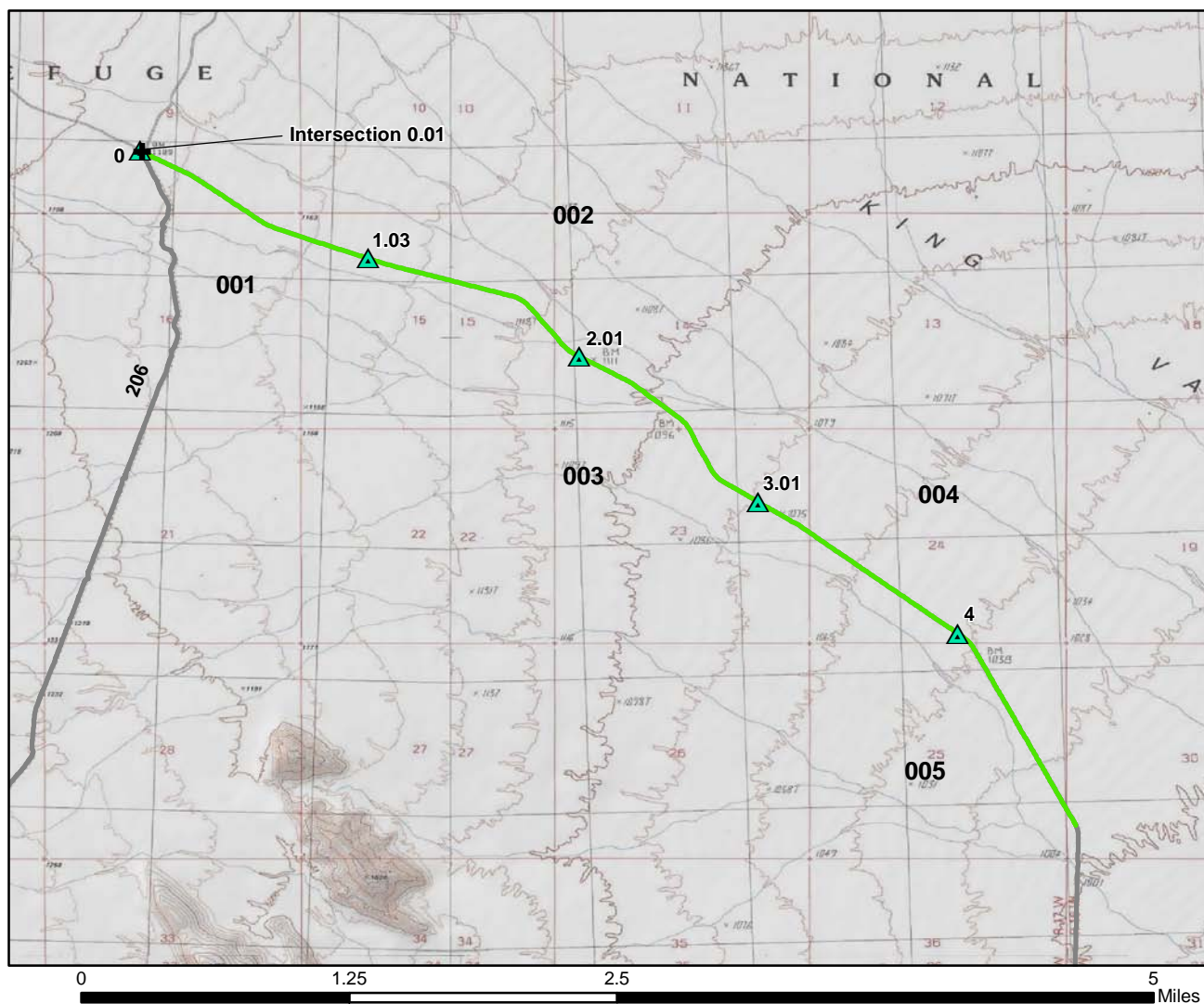
ROUTE: 206      Adams Well Road

TOTAL LENGTH: 9.5 Miles

ASSET: 10009995

RTE DESCRIPTION: From King Valley County Road to end of route

Section Number	006	007	008	009	010
Section Length (miles)	1.00	1.00	0.98	0.98	0.52
Inspection Date	4/2/2008	4/2/2008	4/2/2008	4/2/2008	4/2/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Fair	Good	Fair
Remaining Service Life (years)	5	7	4	7	3
Cost Estimate	\$400	\$400	\$700	\$400	\$400
CRV	\$0	\$0	\$0	\$0	\$0



ROUTE: 207 Chain Tank Road

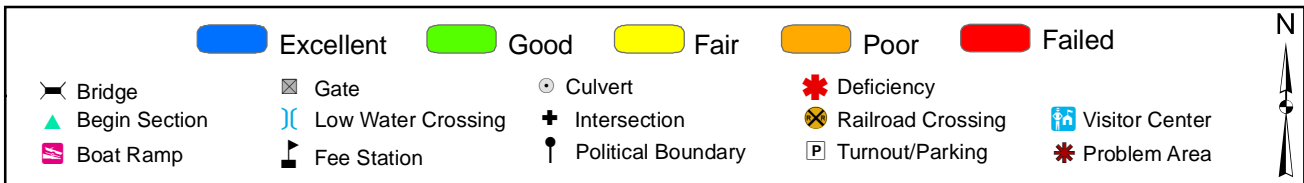
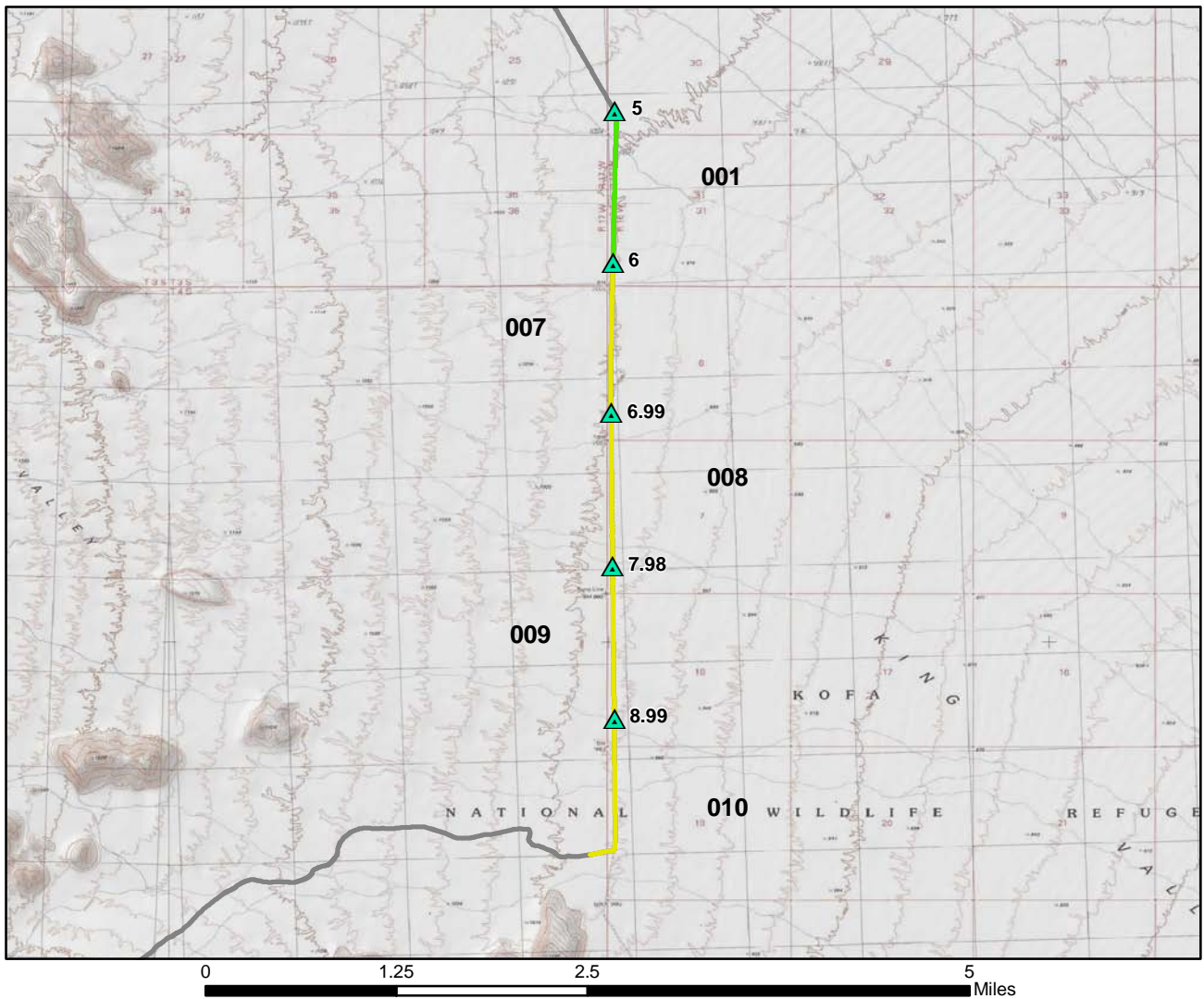
TOTAL LENGTH: 14.1 Miles

ASSET: 10009995

RTE DESCRIPTION: From King Valley County Road to end of route

Section Number	001	002	003	004	005
Section Length (miles)	1.03	0.98	1.00	0.99	1.01
Inspection Date	4/2/2008	4/2/2008	4/2/2008	4/2/2008	4/2/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	10	10	10	10	10
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	7	7	7	7	7
Cost Estimate	\$500	\$400	\$400	\$400	\$400
CRV	\$0	\$0	\$0	\$0	\$0





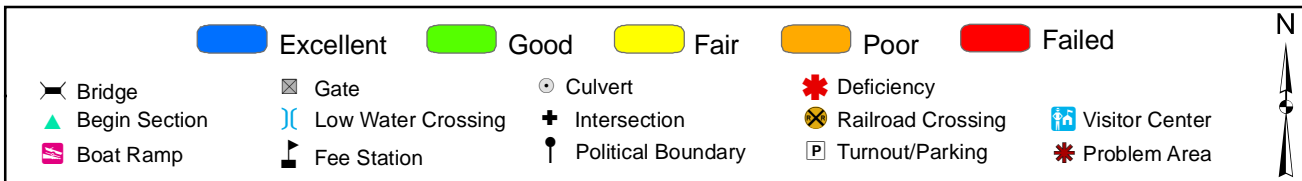
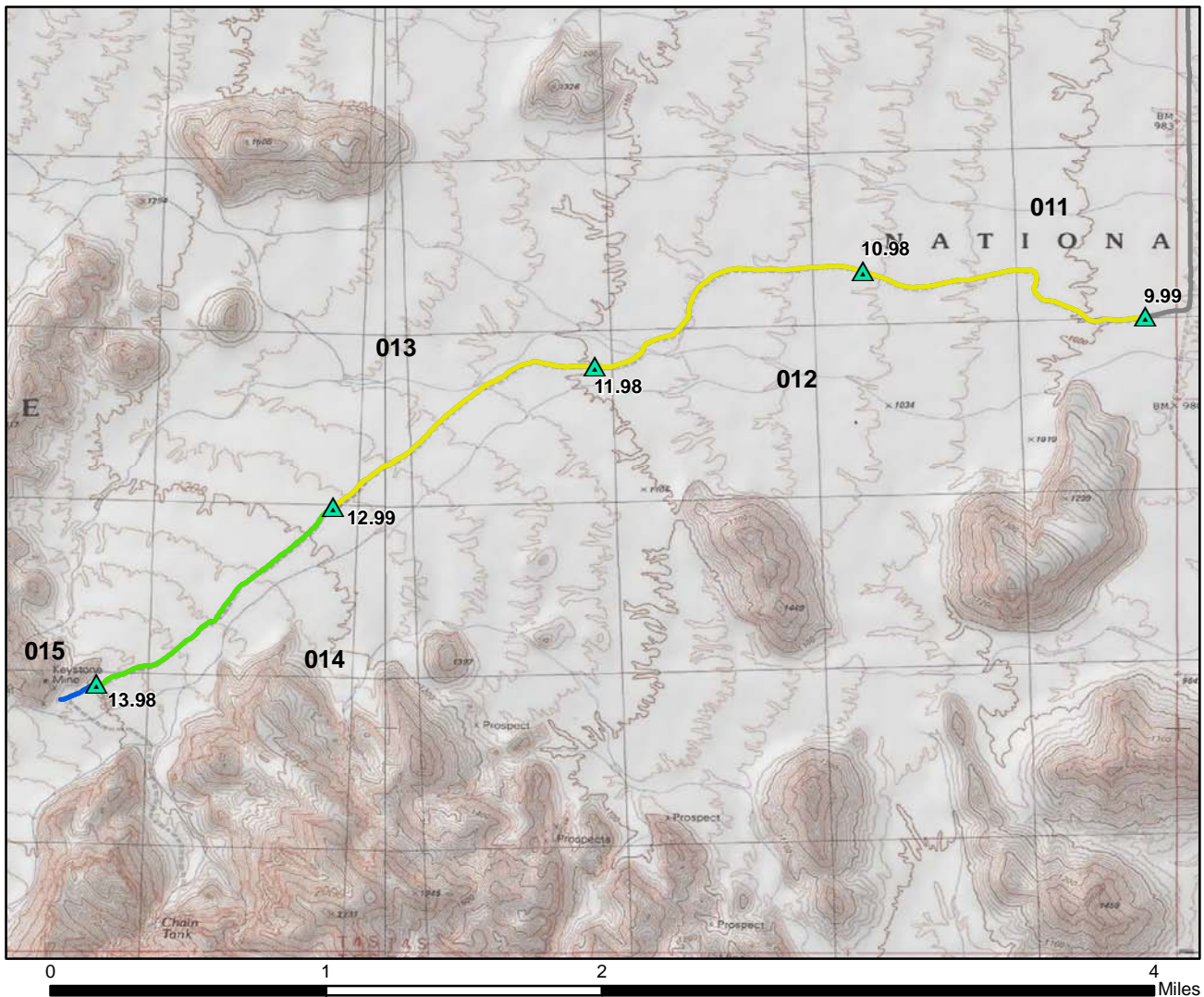
ROUTE: 207 Chain Tank Road

TOTAL LENGTH: 14.1 Miles

ASSET: 10009995

RTE DESCRIPTION: From King Valley County Road to end of route

Section Number	006	007	008	009	010
Section Length (miles)	1.00	0.98	1.00	1.00	1.00
Inspection Date	4/2/2008	4/2/2008	4/2/2008	4/2/2008	4/2/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	10	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Fair	Fair	Fair	Fair
Remaining Service Life (years)	7	3	3	3	3
Cost Estimate	\$400	\$700	\$700	\$700	\$700
CRV	\$0	\$0	\$0	\$0	\$0



ROUTE: 207 Chain Tank Road

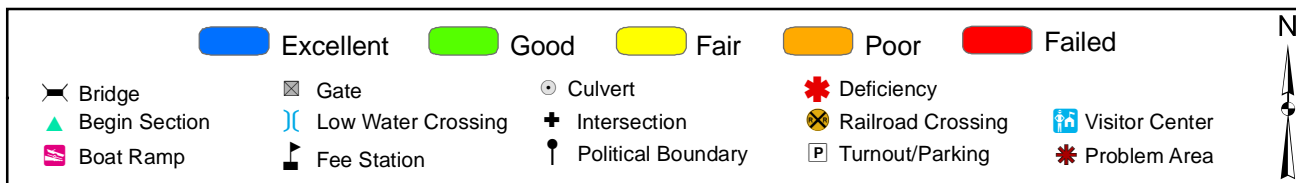
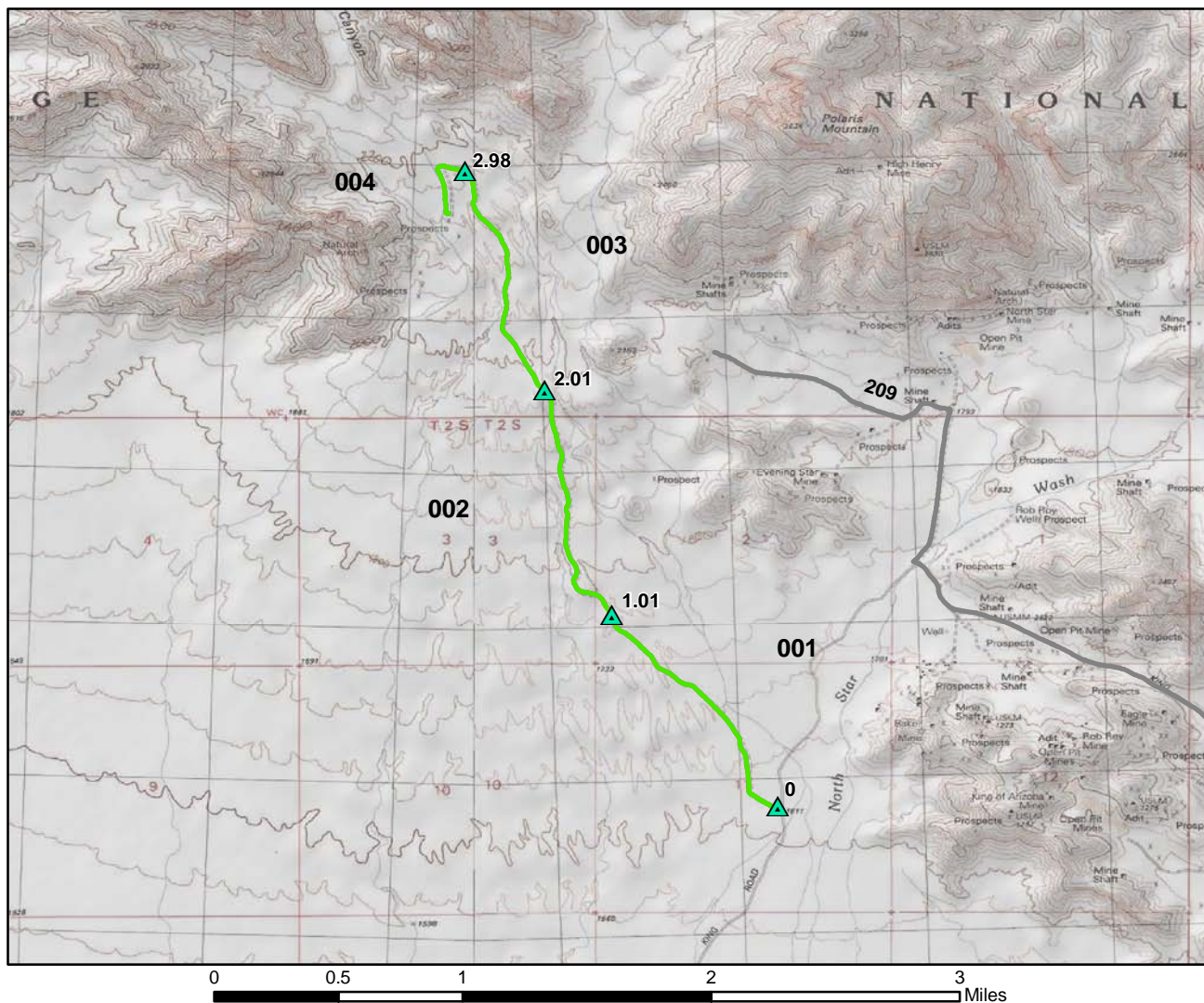
TOTAL LENGTH: 14.1 Miles

ASSET: 10009995

RTE DESCRIPTION: From King Valley County Road to end of route

Section Number	011	012	013	014	015
Section Length (miles)	0.99	1.00	1.01	1.00	0.12
Inspection Date	4/2/2008	4/2/2008	4/2/2008	4/2/2008	4/2/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Fair	Fair	Fair	Good	Excellent
Remaining Service Life (years)	3	3	3	7	9
Cost Estimate	\$700	\$700	\$700	\$400	\$0
CRV	\$0	\$0	\$0	\$0	\$0



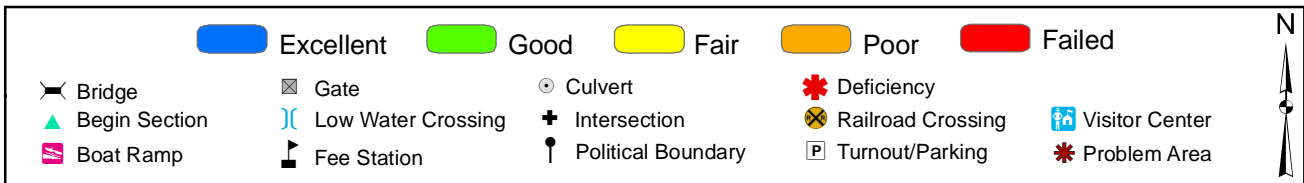
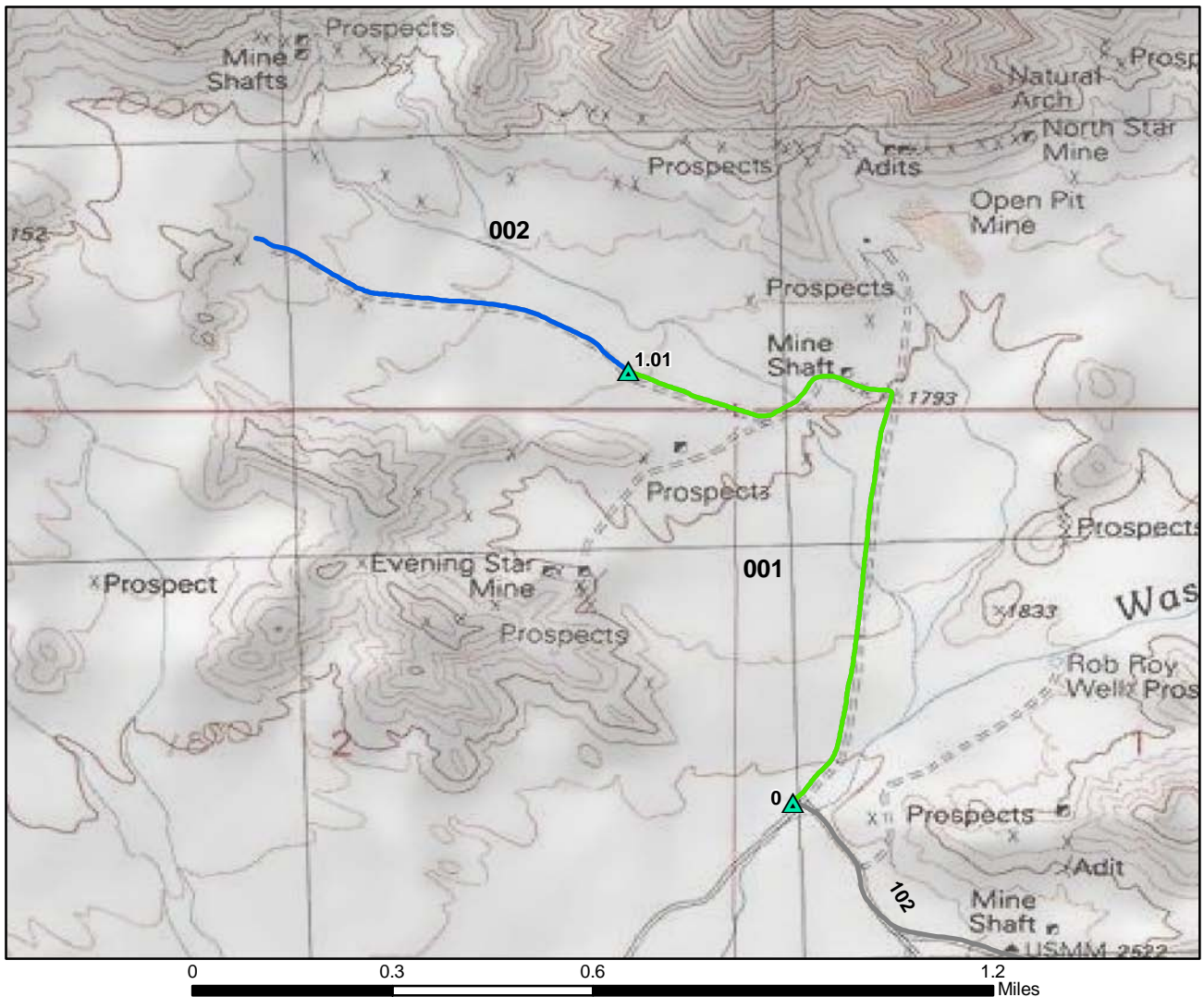


ROUTE: 208      Junction 63 Road      TOTAL LENGTH: 3.28 Miles

ASSET: 10009994

RTE DESCRIPTION: From King Valley County Road to end of route

Section Number	001	002	003	004	
Section Length (miles)	1.01	1.00	0.97	0.29	
Inspection Date	4/2/2008	4/2/2008	4/2/2008	4/2/2008	
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	
Number of Lanes	0	1	1	1	
Roadway Width (feet)	8	8	8	8	
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	
Remaining Service Life (years)	5	5	5	5	
Cost Estimate	\$400	\$400	\$400	\$100	
CRV	\$0	\$0	\$0	\$0	



ROUTE: 209 Junction 65 Road

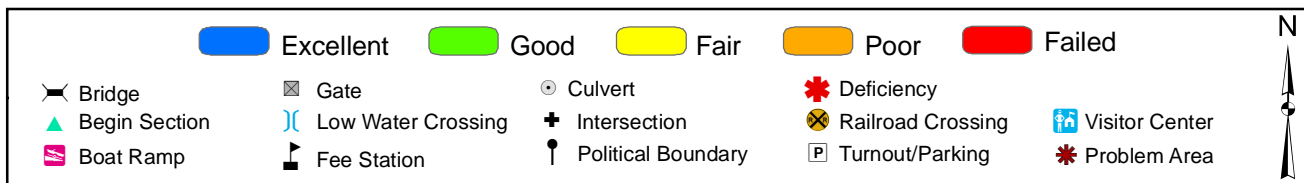
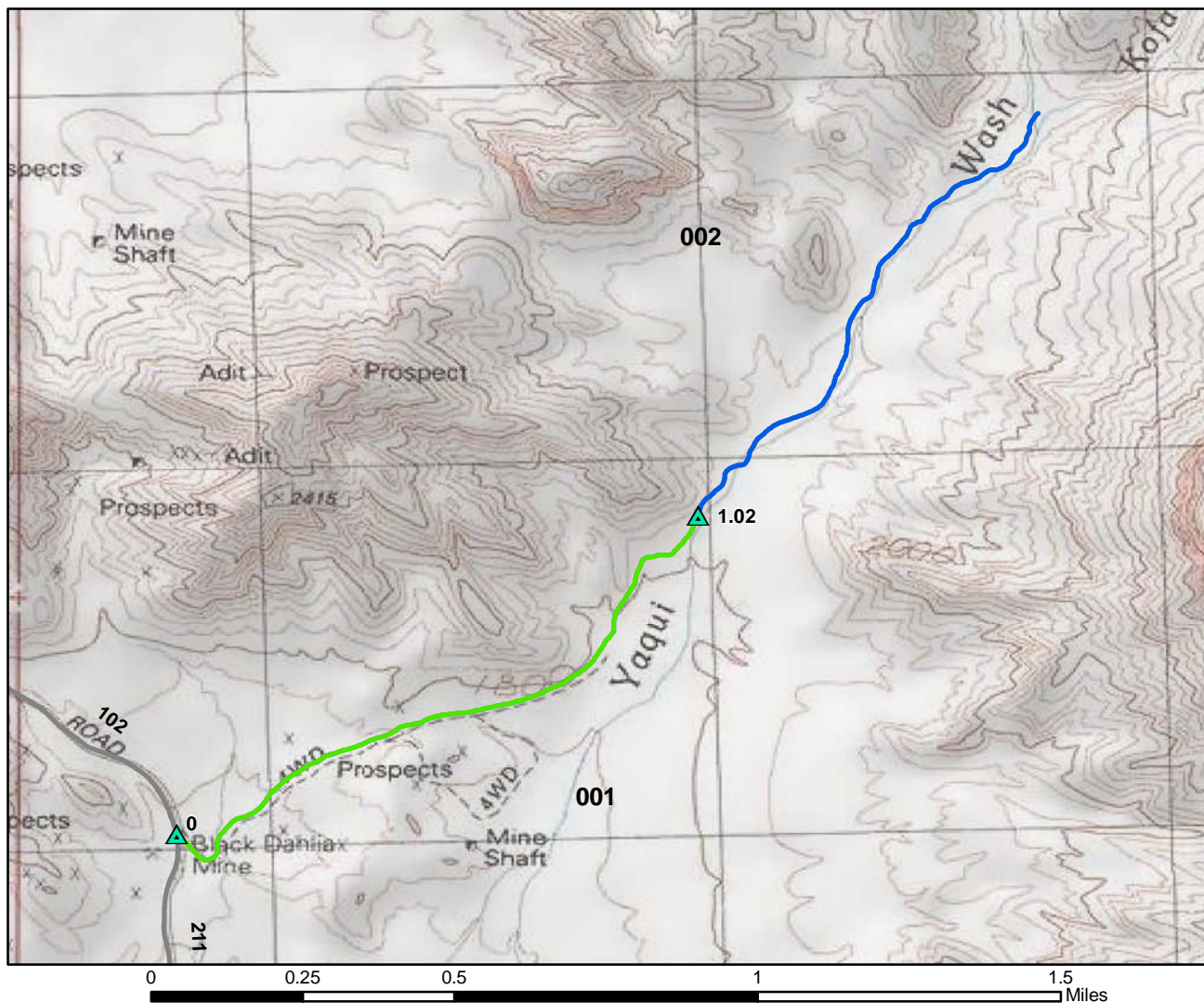
TOTAL LENGTH: 2.53 Miles

ASSET: 10009994

RTE DESCRIPTION: From King Valley County Road to end of route

Section Number	001	002			
Section Length (miles)	1.01	0.52			
Inspection Date	4/2/2008	4/2/2008			
<b>Section Information</b>					
Surface Type	Primitive	Primitive			
Number of Lanes	1	1			
Roadway Width (feet)	8	8			
<b>Roadway Condition Information</b>					
Condition	Good	Excellent			
Remaining Service Life (years)	7	9			
Cost Estimate	\$400	\$0			
CRV	\$0	\$0			





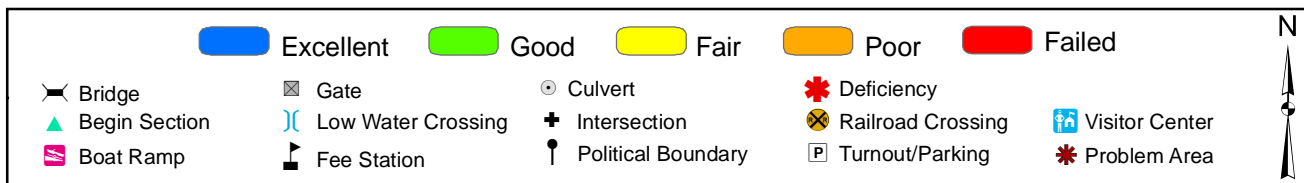
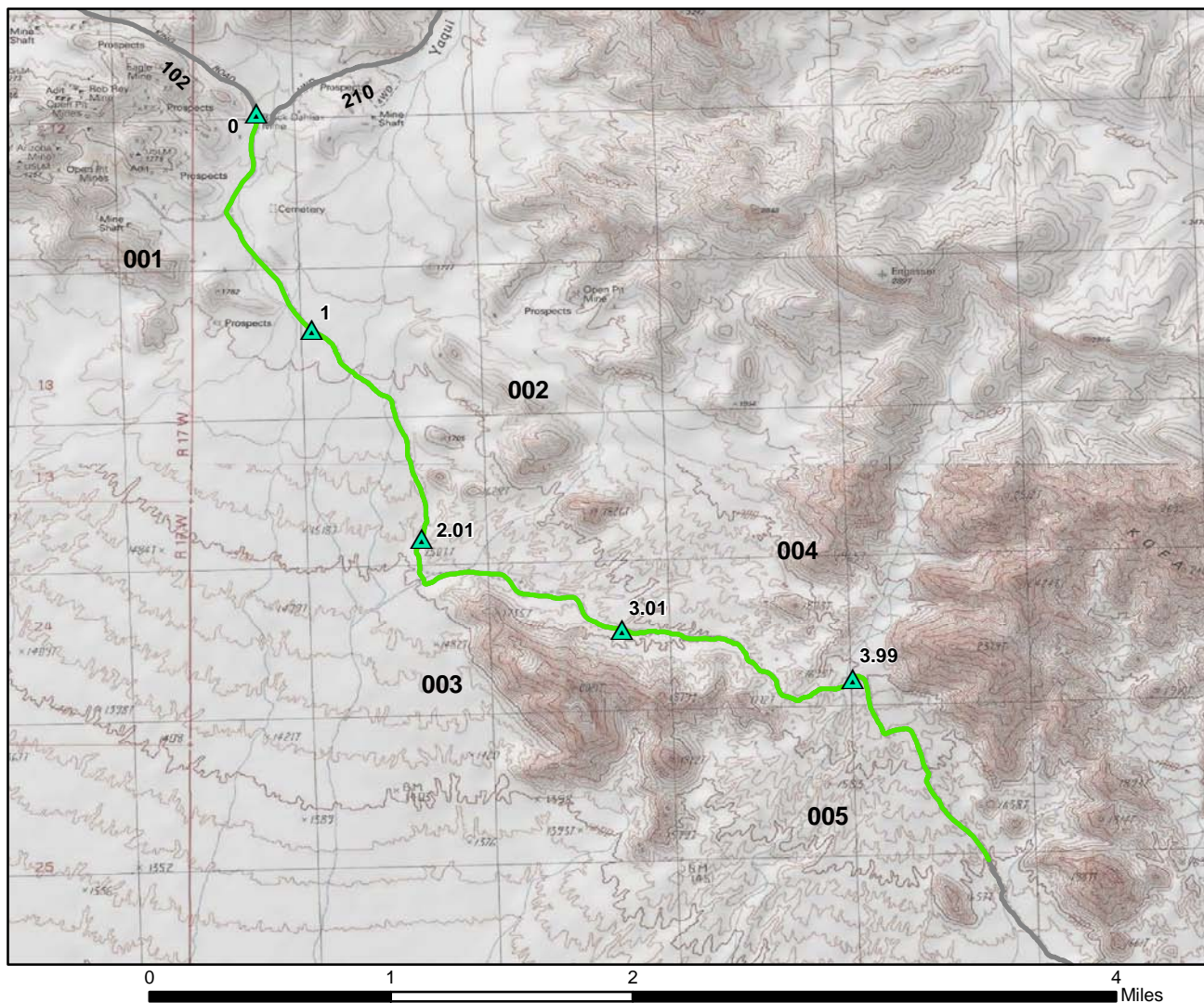
ROUTE: 210 Kofa Dam Road

TOTAL LENGTH: 1.88 Miles

ASSET: 10009994

RTE DESCRIPTION: From Neversweat Ridge Road (Rte 211), to end of route

Section Number	001	002			
Section Length (miles)	1.02	0.87			
Inspection Date	4/2/2008	4/2/2008			
<b>Section Information</b>					
Surface Type	Primitive	Primitive			
Number of Lanes	1	1			
Roadway Width (feet)	8	8			
<b>Roadway Condition Information</b>					
Condition	Good	Excellent			
Remaining Service Life (years)	7	9			
Cost Estimate	\$400	\$0			
CRV	\$0	\$0			



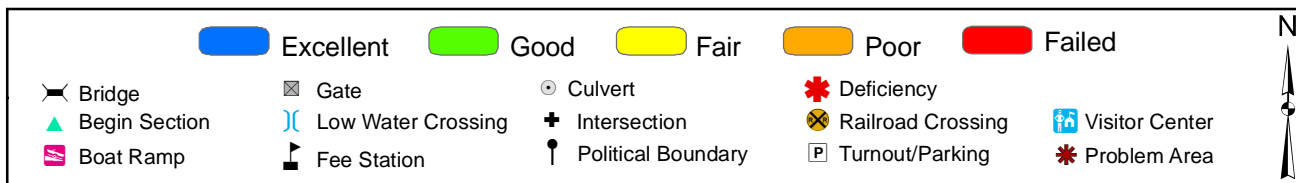
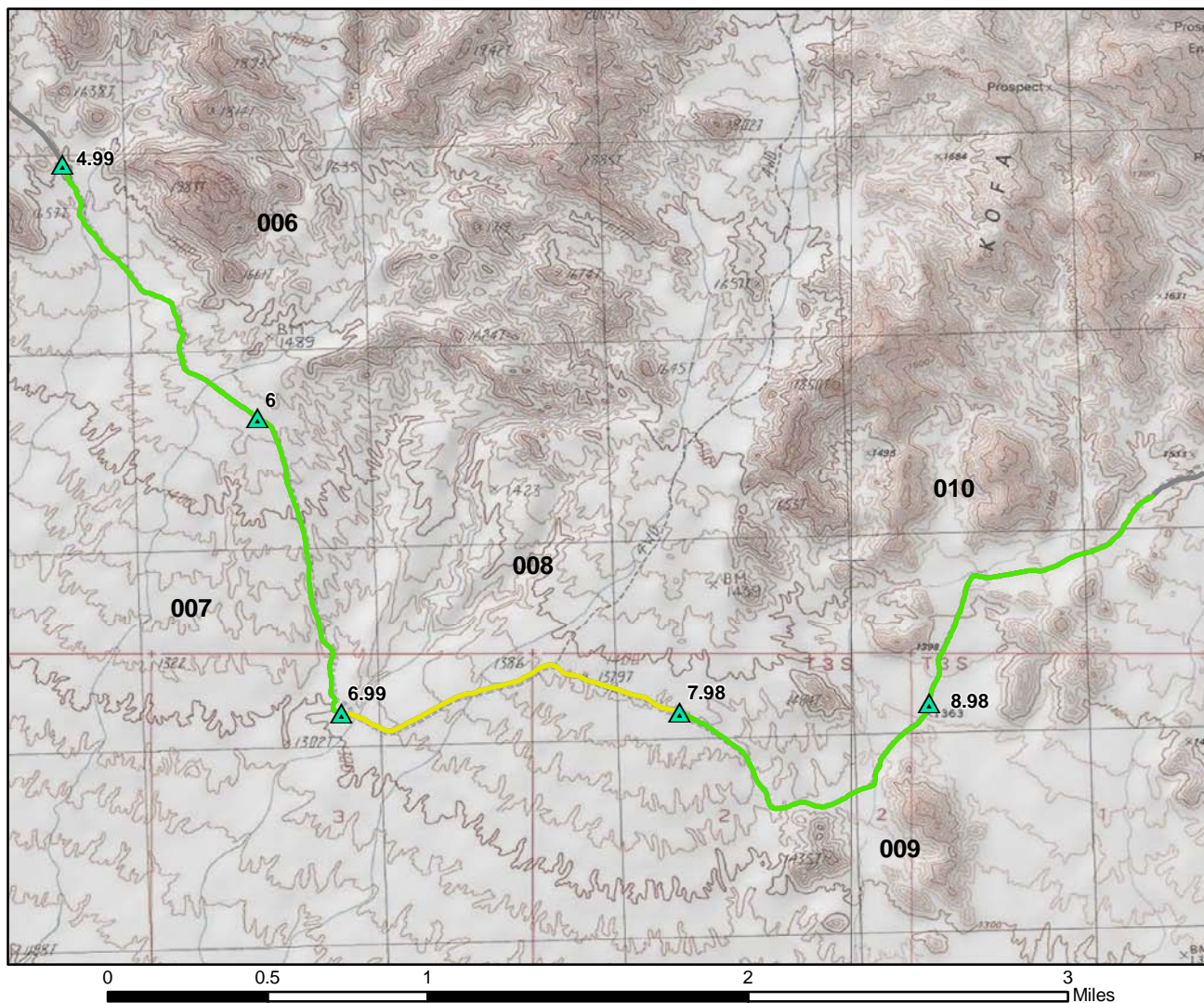
ROUTE: 211      Neversweat Ridge Road      TOTAL LENGTH: 23.83 Miles

ASSET: 10009963

RTE DESCRIPTION: From King Road (Rte 102) to end of route at East refuge boundary

Section Number	001	002	003	004	005
Section Length (miles)	1.01	1.01	1.00	0.98	1.00
Inspection Date	4/5/2008	4/5/2008	4/5/2008	4/5/2008	4/5/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	7	5	7	7	5
Cost Estimate	\$1800	\$1800	\$1700	\$1700	\$1700
CRV	\$363100	\$363000	\$358800	\$353300	\$360800





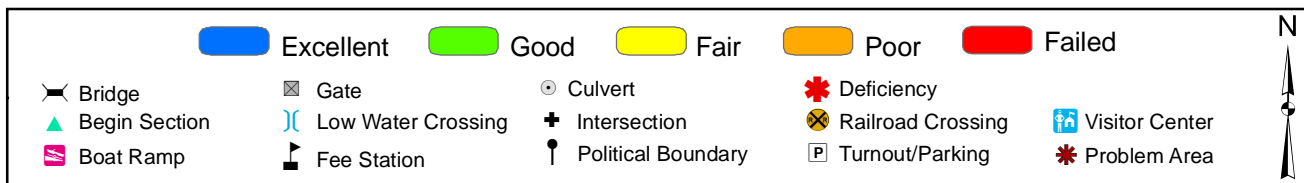
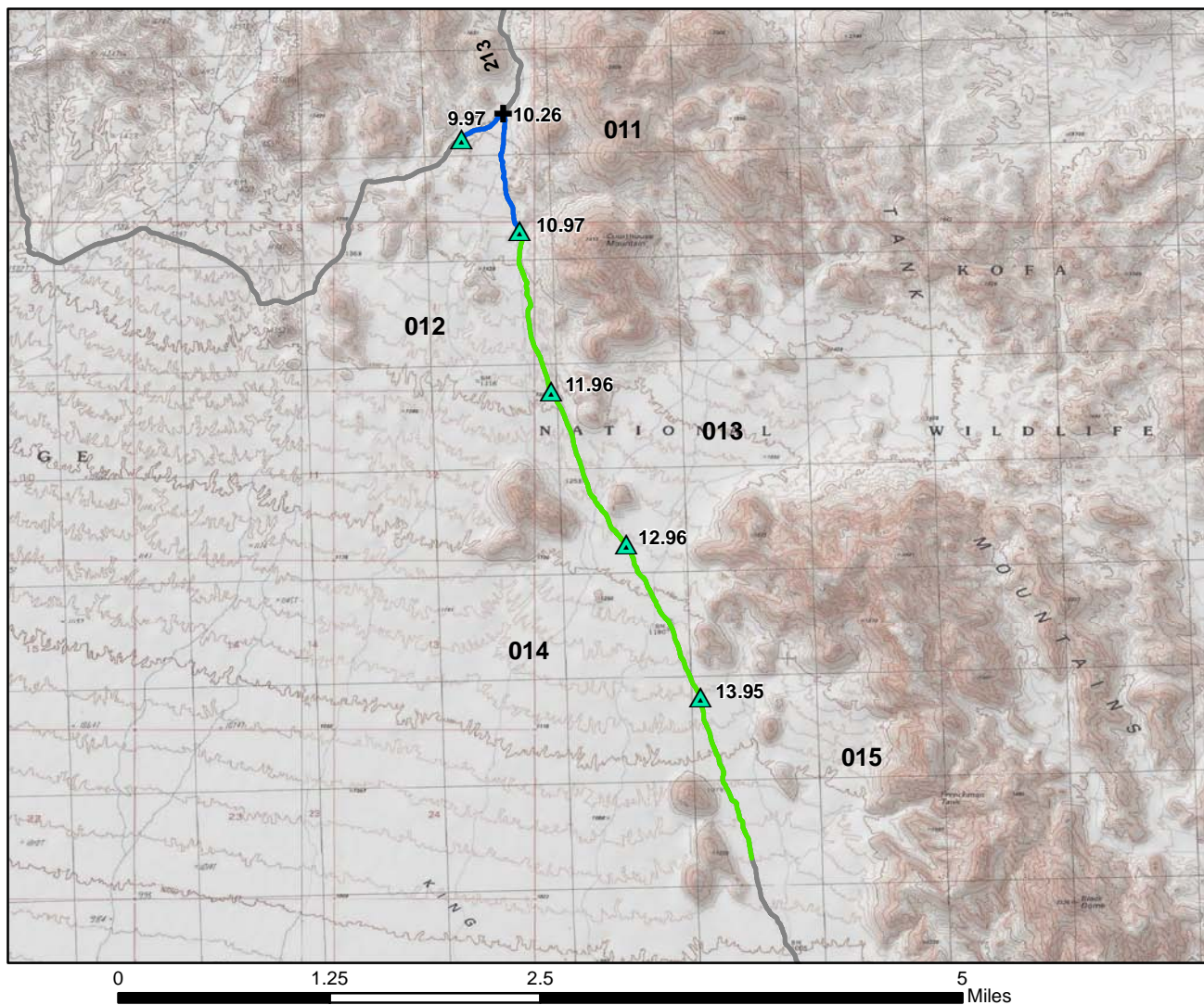
ROUTE: 211 Neversweat Ridge Road

TOTAL LENGTH: 23.83 Miles

ASSET: 10009963

RTE DESCRIPTION: From King Road (Rte 102) to end at east refuge boundary

Section Number	006	007	008	009	010
Section Length (miles)	1.01	0.99	0.99	1.00	0.99
Inspection Date	4/5/2008	4/5/2008	4/5/2008	4/5/2008	4/5/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Fair	Good	Good
Remaining Service Life (years)	5	5	3	5	5
Cost Estimate	\$1700	\$1700	\$2200	\$1700	\$1700
CRV	\$362900	\$354700	\$357500	\$358600	\$357700



ROUTE: 211 Neversweat Ridge Road

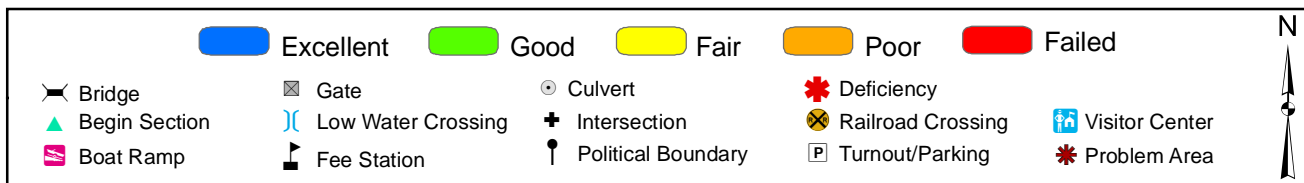
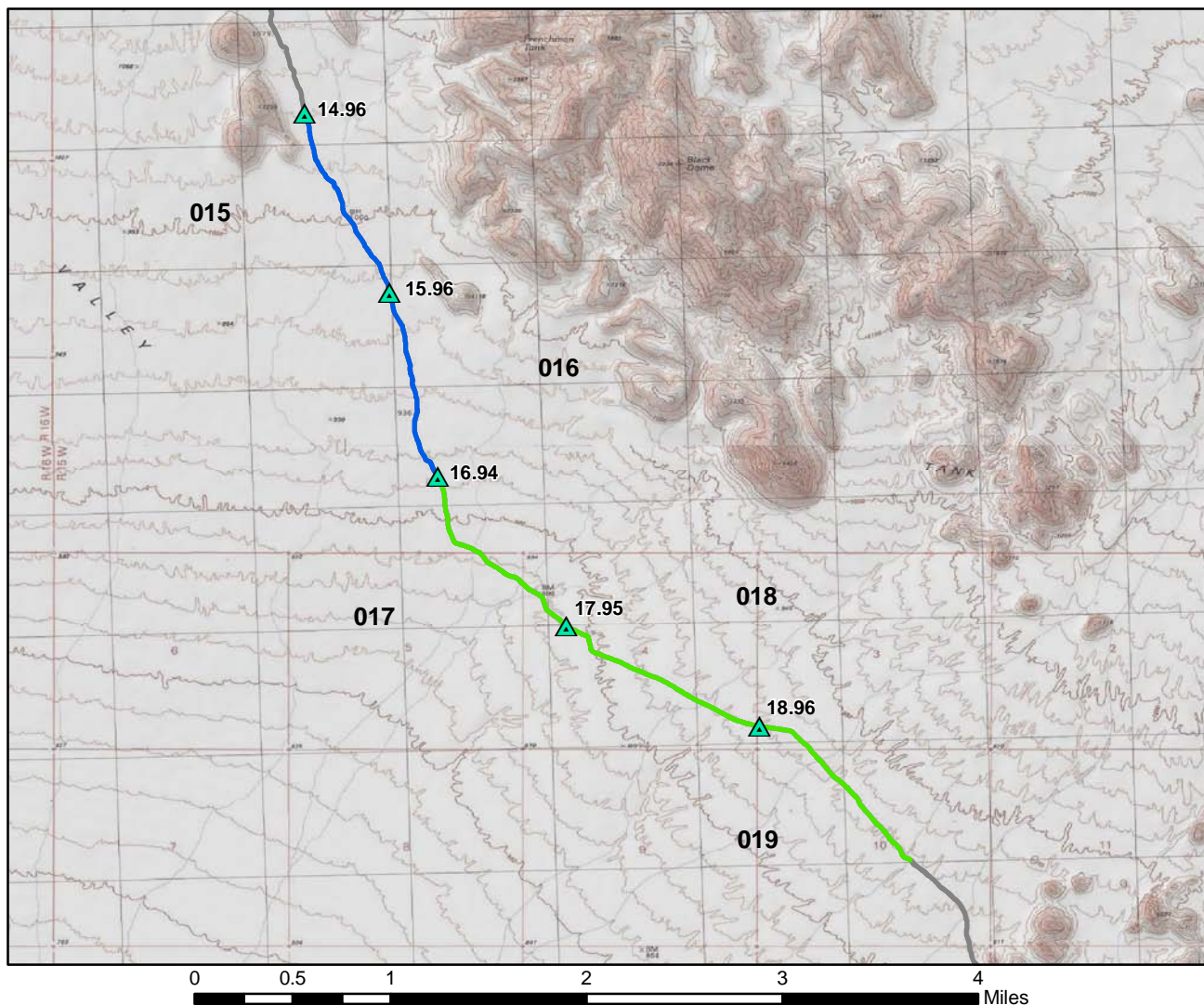
TOTAL LENGTH: 23.83 Miles

ASSET: 10009963

RTE DESCRIPTION: From King Road (Rte 102) to end at east refuge boundary

Section Number	011	012	013	014	015
Section Length (miles)	1.00	0.99	1.00	0.99	1.00
Inspection Date	4/5/2008	4/5/2008	4/5/2008	4/5/2008	4/5/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Excellent	Good	Good	Good	Good
Remaining Service Life (years)	9	5	7	7	7
Cost Estimate	\$0	\$1700	\$1700	\$1700	\$1700
CRV	\$358500	\$356700	\$358700	\$357200	\$361600





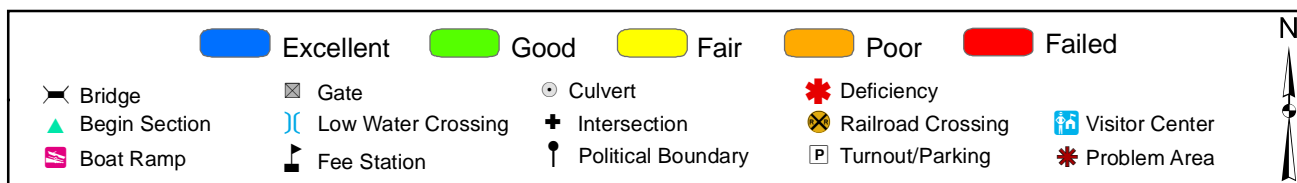
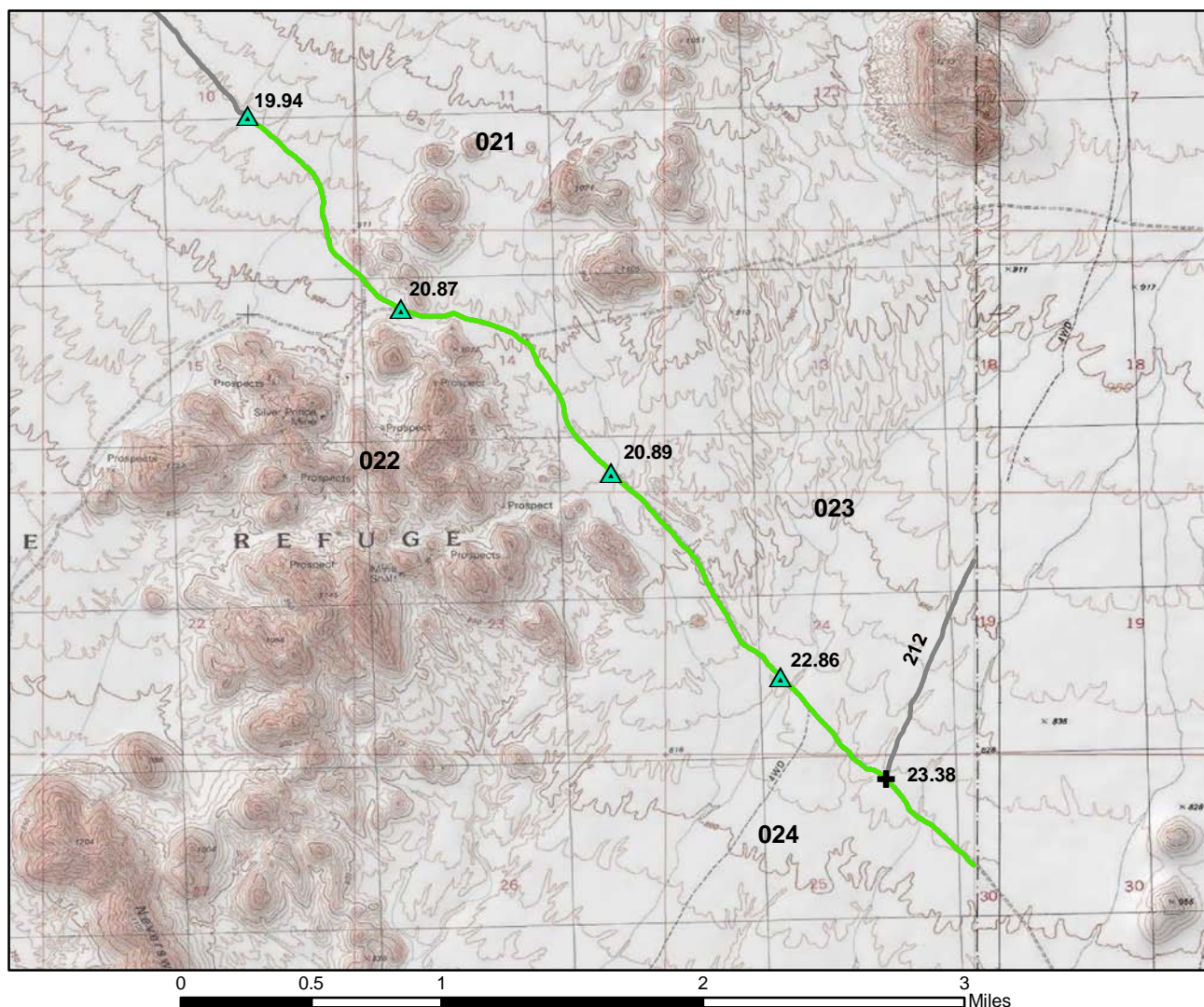
ROUTE: 211 Neversweat Ridge Road

TOTAL LENGTH: 23.83 Miles

ASSET: 10009963

RTE DESCRIPTION: From King Road (Rte 102) to end at east refuge boundary

Section Number	016	017	018	019	020
Section Length (miles)	1.00	0.98	1.01	1.00	0.98
Inspection Date	4/5/2008	4/5/2008	4/5/2008	4/5/2008	4/5/2008
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Excellent	Excellent	Good	Good	Good
Remaining Service Life (years)	9	9	7	7	7
Cost Estimate	\$0	\$0	\$1700	\$1700	\$1700
CRV	\$361100	\$354200	\$362900	\$361300	\$352900



ROUTE: 211      Neversweat Ridge Road

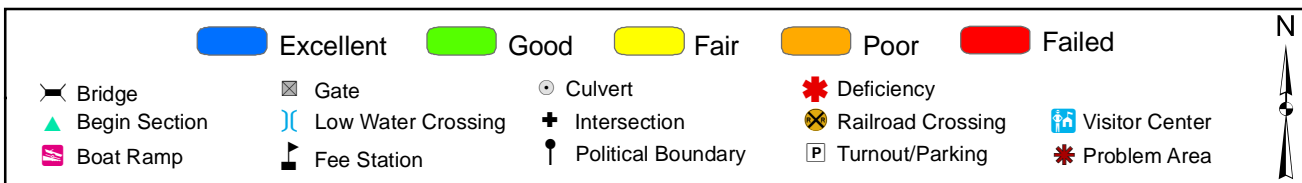
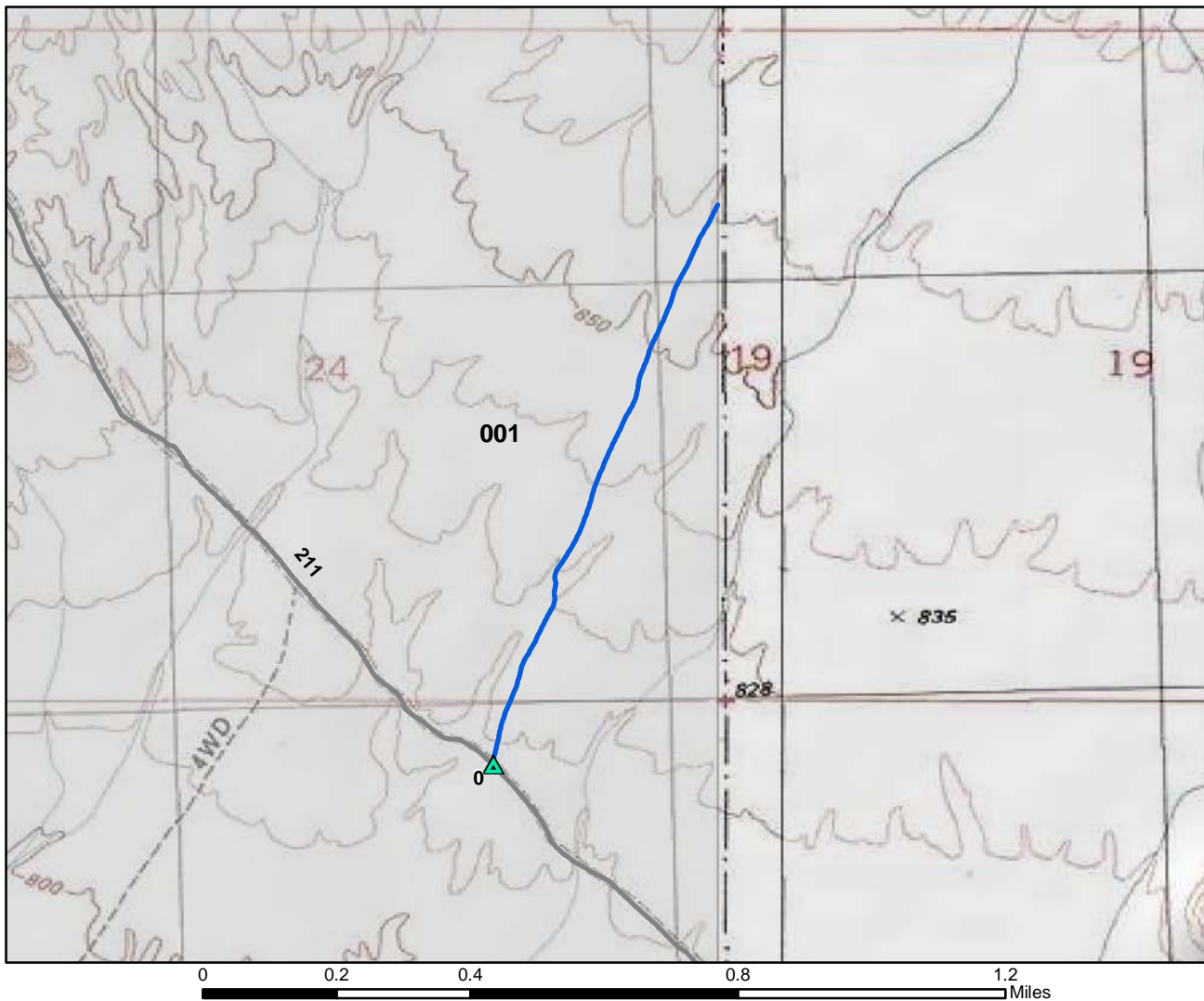
TOTAL LENGTH: 23.83 Miles

ASSET: 10099964

RTE DESCRIPTION: From King Road (Rte 102) to end at east refuge boundary

Section Number	021	022	023	024	
Section Length (miles)	0.93	1.02	0.97	0.97	
Inspection Date	4/5/2008	4/5/2008	4/5/2008	4/5/2008	
<b>Section Information</b>					
Surface Type	Native	Native	Native	Native	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	8	8	8	8	
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	
Remaining Service Life (years)	7	7	7	5	
Cost Estimate	\$1600	\$1800	\$1700	\$1700	
CRV	\$335400	\$367100	\$348600	\$348300	





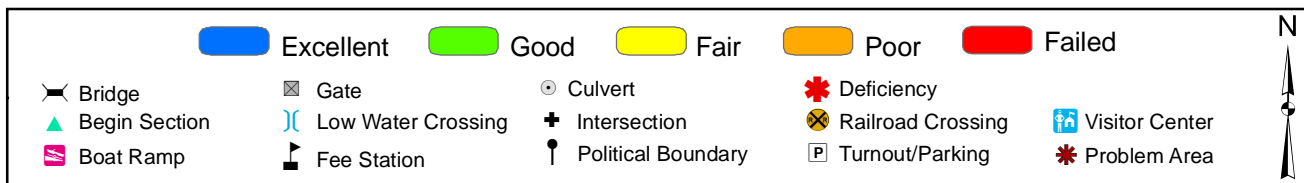
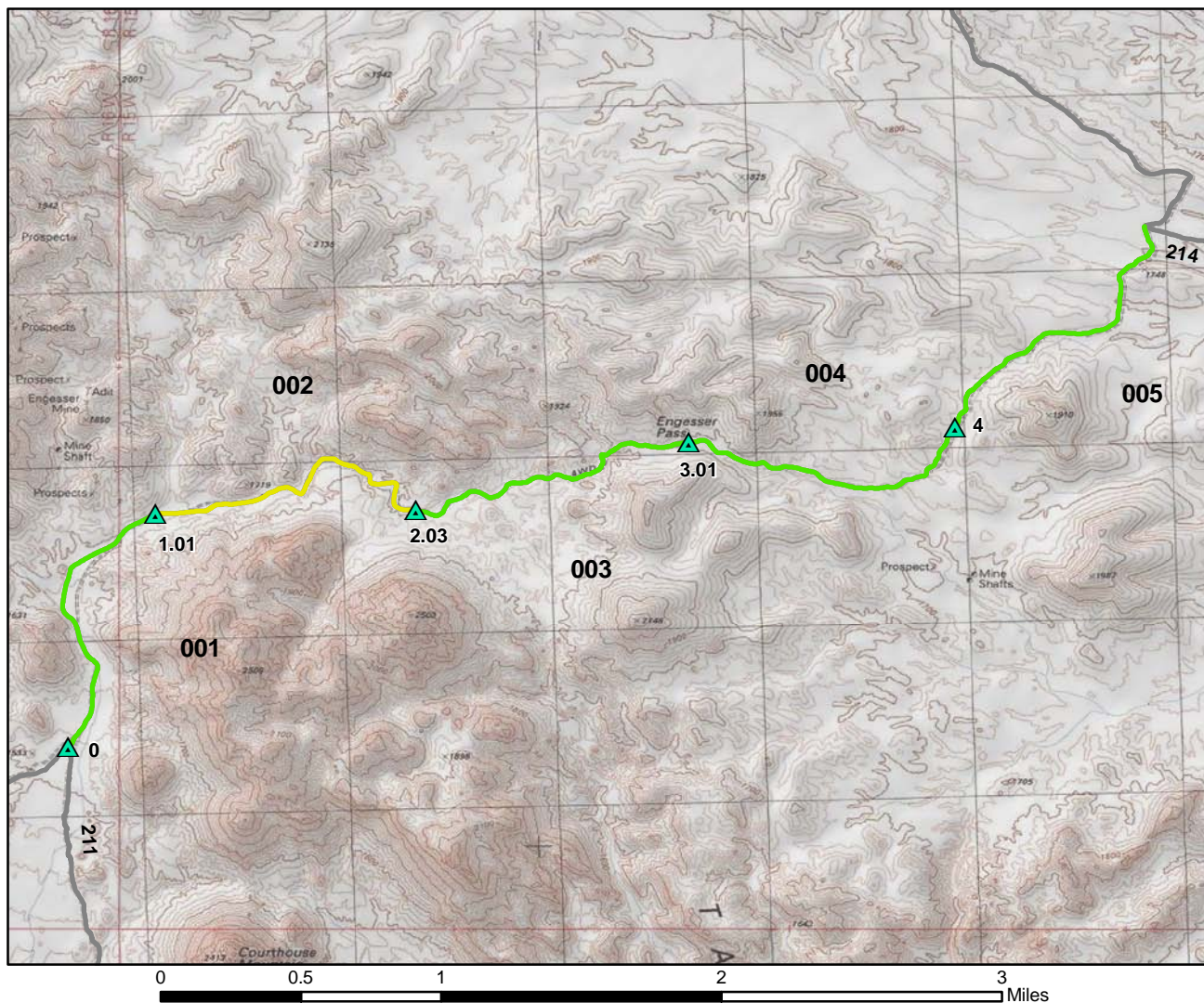
ROUTE: 212 Junction 8 Road

TOTAL LENGTH: 0.88 Miles

ASSET: 10009994

RTE DESCRIPTION: From Neversweat Ridge Road (Rte 211) to east refuge boundary

Section Number	001				
Section Length (miles)	0.89				
Inspection Date	4/5/2008				
<b>Section Information</b>					
Surface Type	Primitive				
Number of Lanes	1				
Roadway Width (feet)	8				
<b>Roadway Condition Information</b>					
Condition	Excellent				
Remaining Service Life (years)	10				
Cost Estimate	\$0				
CRV	\$0				



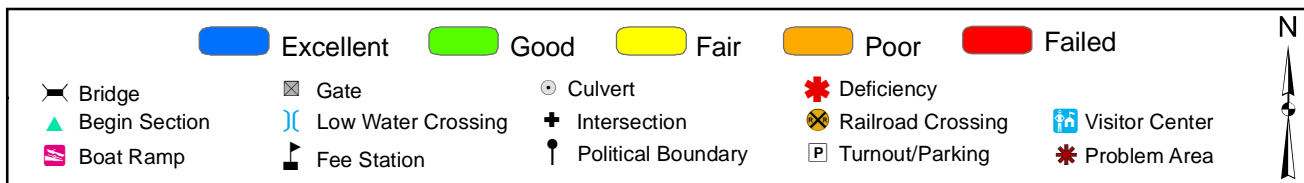
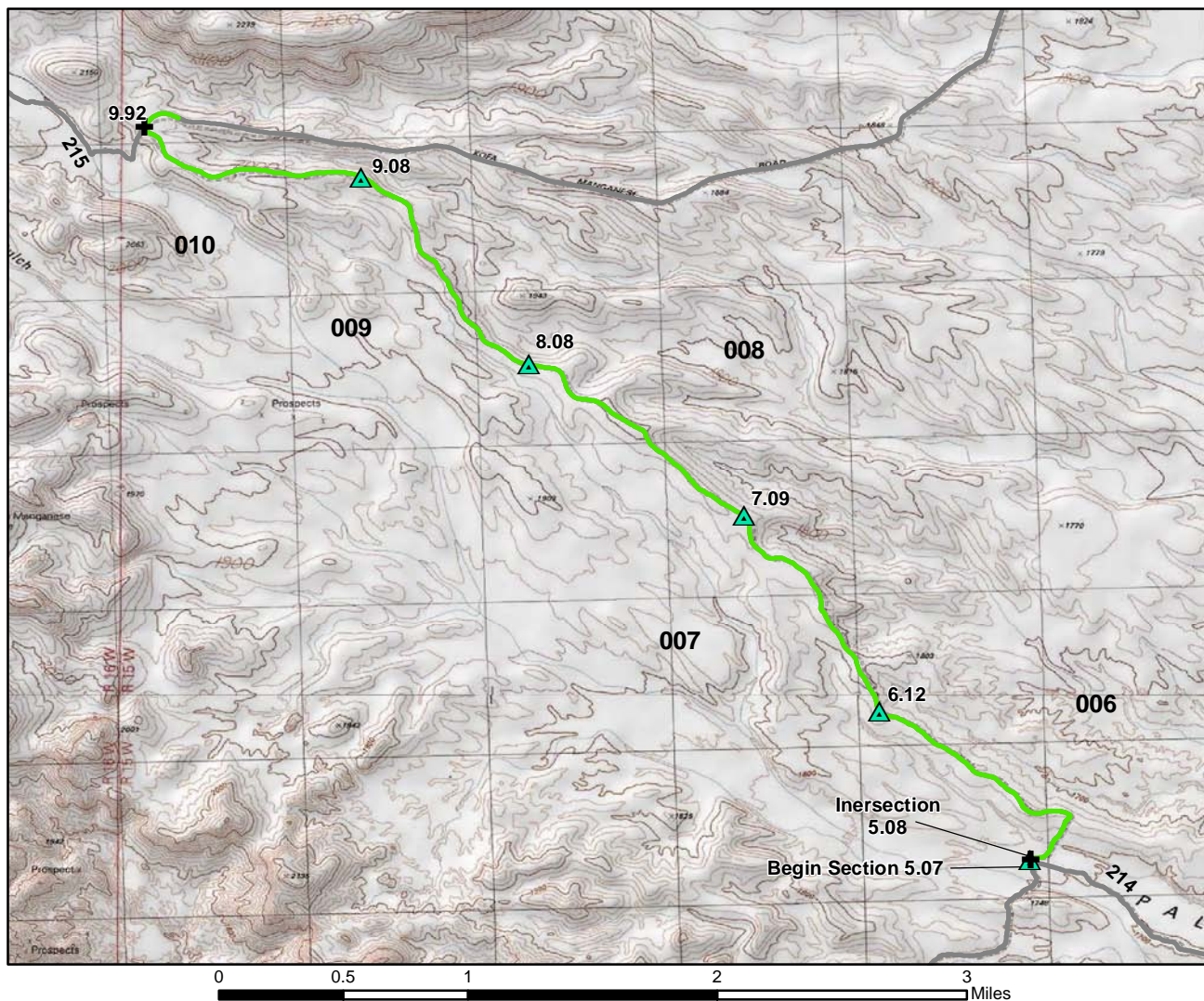
ROUTE: 213 Engesser Pass Road TOTAL LENGTH: 19.26 Miles

ASSET: 10009994

RTE DESCRIPTION: From Neversweat Ridge Road (Rte 211) to Kofa Manganese Road (Rte 218)

Section Number	001	002	003	004	005
Section Length (miles)	1.02	1.02	0.98	0.98	1.08
Inspection Date	4/5/2008	4/5/2008	4/5/2008	4/5/2008	4/5/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Fair	Good	Good	Good
Remaining Service Life (years)	7	3	5	5	7
Cost Estimate	\$400	\$700	\$400	\$400	\$500
CRV	\$0	\$0	\$0	\$0	\$0





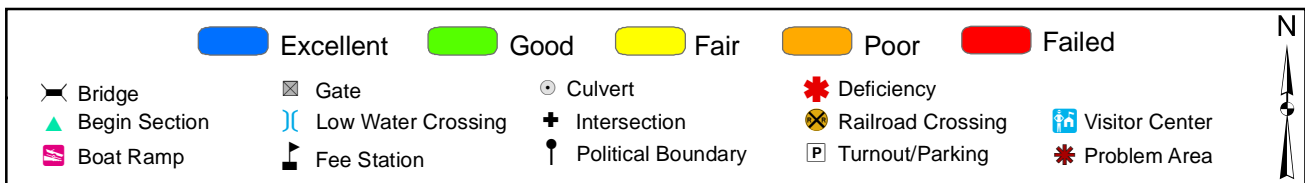
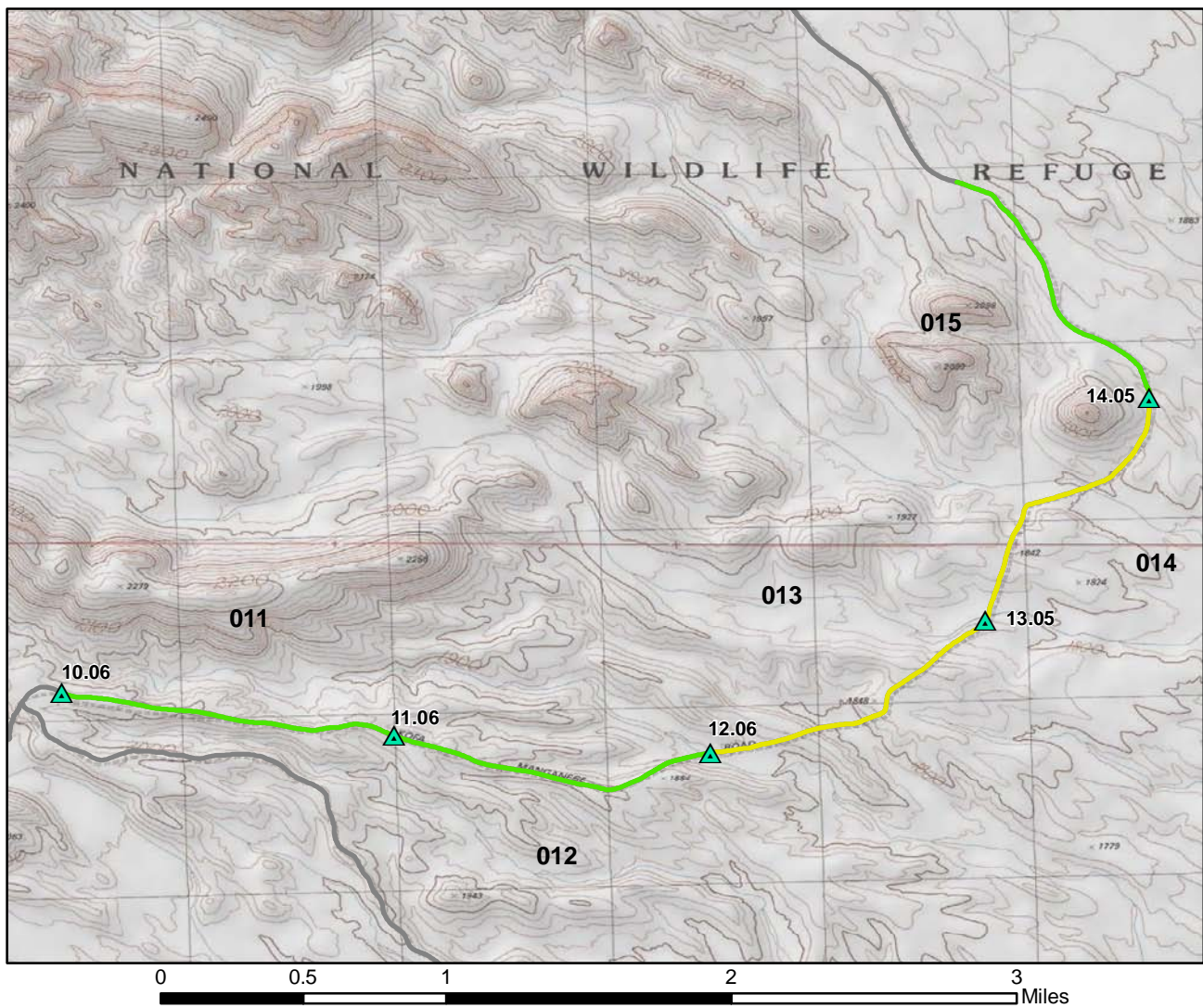
ROUTE: 213 Engesser Pass Road TOTAL LENGTH: 19.26 Miles

ASSET: 10009994

RTE DESCRIPTION: From Neversweat Ridge Road (Rte 211) to Kofa Manganese Road (Rte 218)

Section Number	006	007	008	009	010
Section Length (miles)	1.05	0.96	0.99	1.00	0.98
Inspection Date	4/5/2008	4/5/2008	4/5/2008	4/5/2008	4/5/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	5	5	5	5	5
Cost Estimate	\$500	\$400	\$400	\$400	\$400
CRV	\$0	\$0	\$0	\$0	\$0





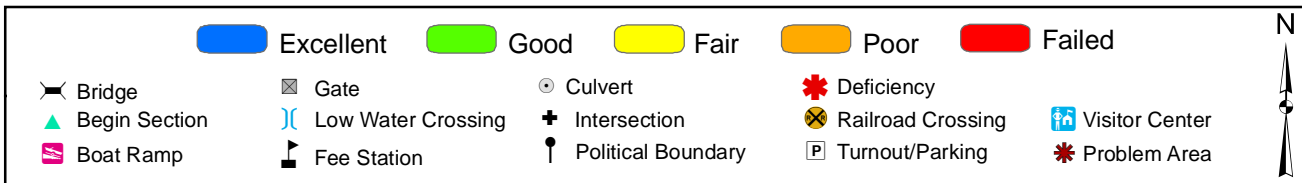
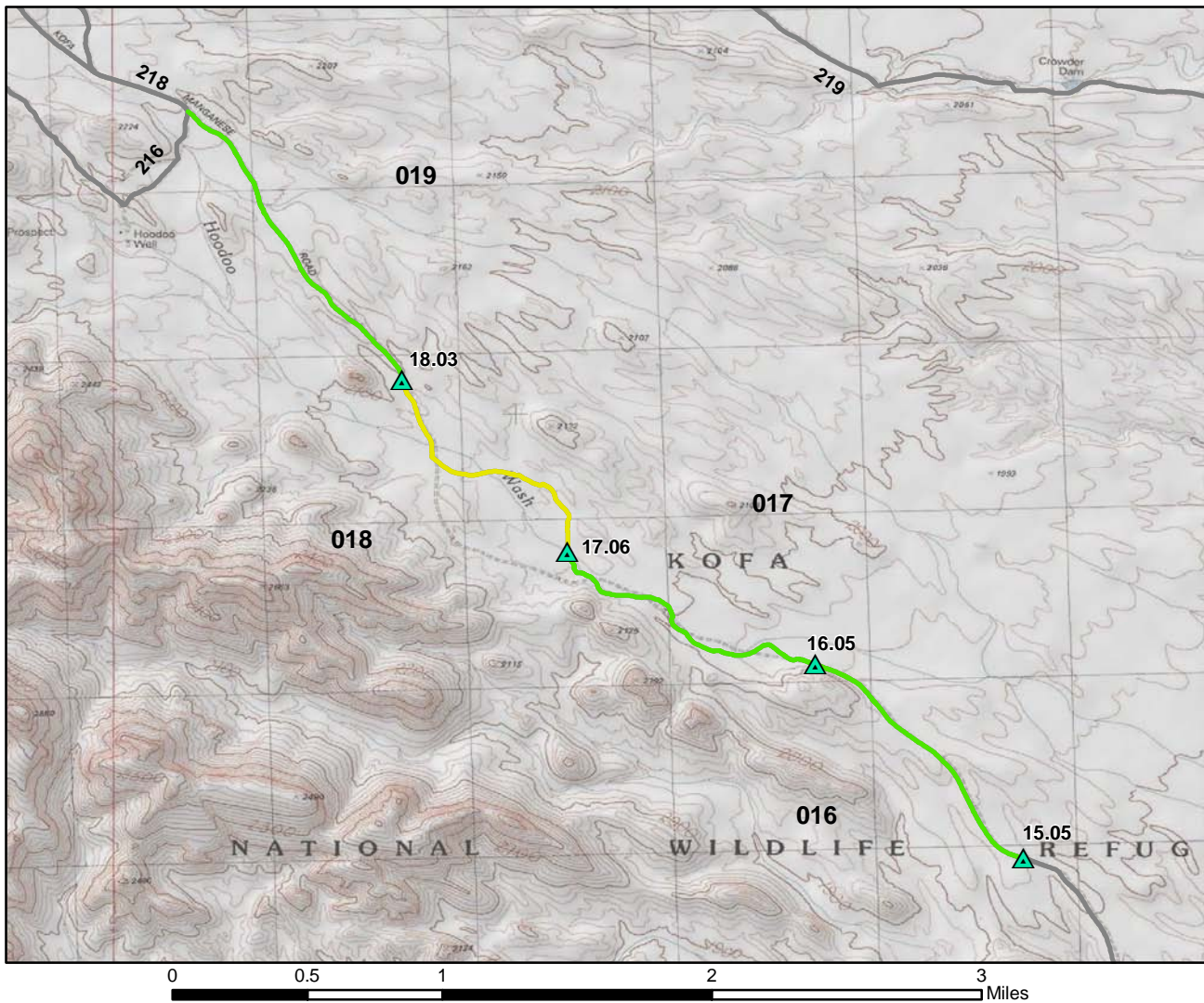
ROUTE: 213 Engesser Pass Road

TOTAL LENGTH: 19.26 Miles

ASSET: 10009994

RTE DESCRIPTION: From Neversweat Ridge Road (Rte 211) to Kofa Manganese Road (Rte 218)

Section Number	011	012	013	014	015
Section Length (miles)	1.01	0.99	0.99	1.00	1.00
Inspection Date	4/6/2008	4/6/2008	4/6/2008	4/6/2008	4/6/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Fair	Fair	Good
Remaining Service Life (years)	7	5	3	3	5
Cost Estimate	\$400	\$400	\$700	\$700	\$400
CRV	\$0	\$0	\$0	\$0	\$0



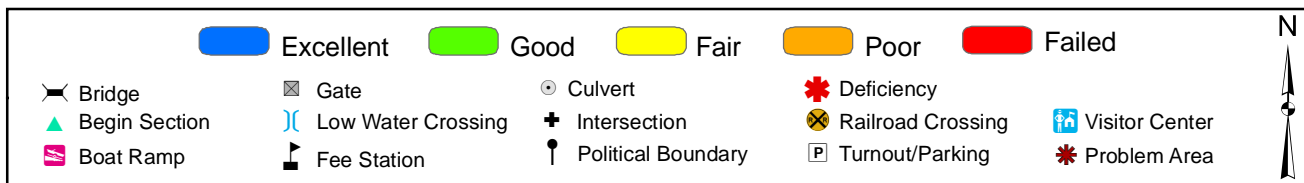
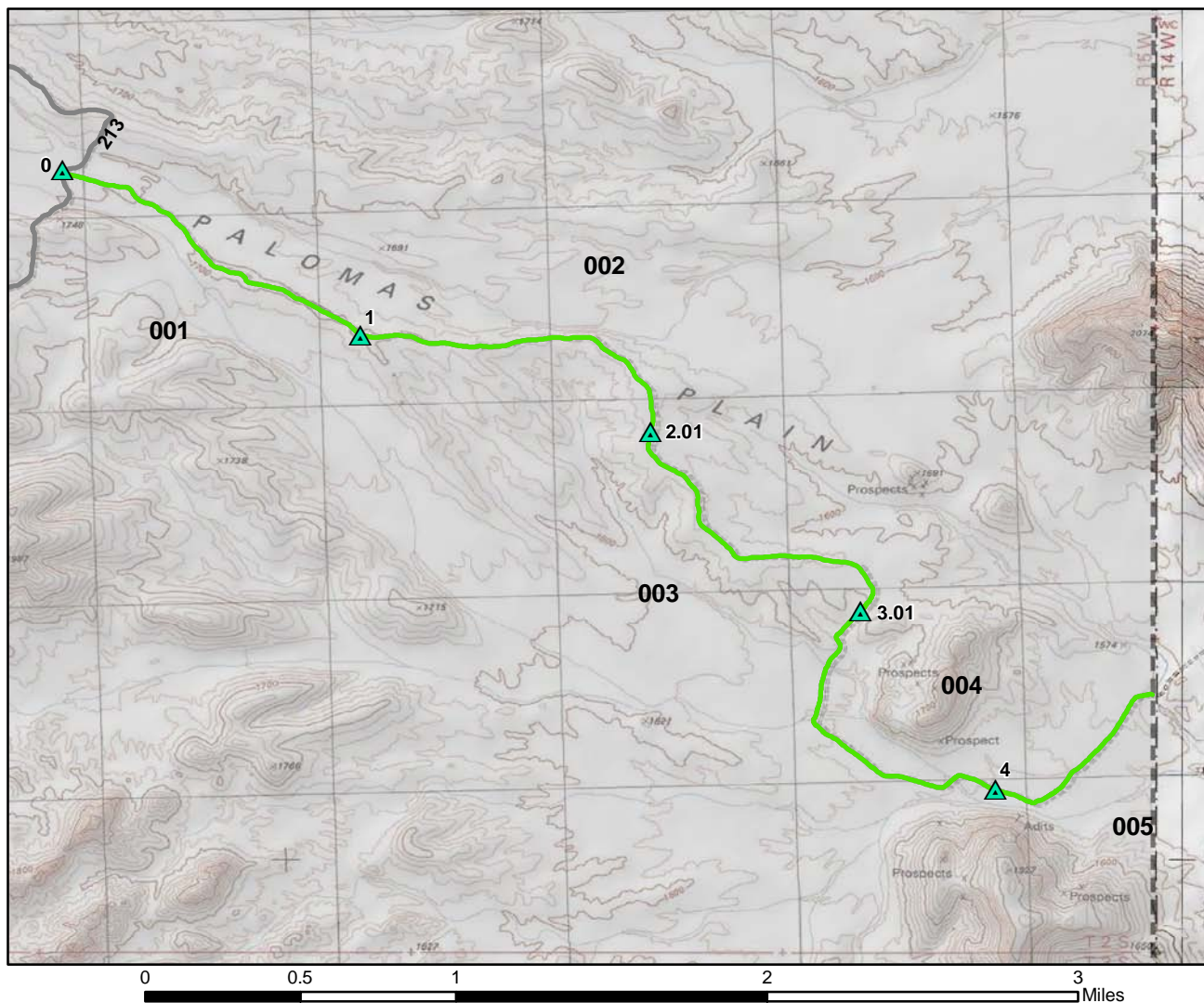
ROUTE: 213 Engesser Pass Road TOTAL LENGTH: 19.26 Miles

ASSET: 10009994

RTE DESCRIPTION: From Neversweat Ridge Road (Rte 211) to Kofa Manganese Road (Rte 218)

Section Number	016	017	018	019	
Section Length (miles)	1.00	1.01	0.97	1.22	
Inspection Date	4/6/2008	4/6/2008	4/6/2008	4/6/2008	
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	8	8	8	8	
<b>Roadway Condition Information</b>					
Condition	Good	Good	Fair	Good	
Remaining Service Life (years)	5	7	3	7	
Cost Estimate	\$400	\$400	\$700	\$500	
CRV	\$0	\$0	\$0	\$0	





ROUTE: 214 Junction 48 Road

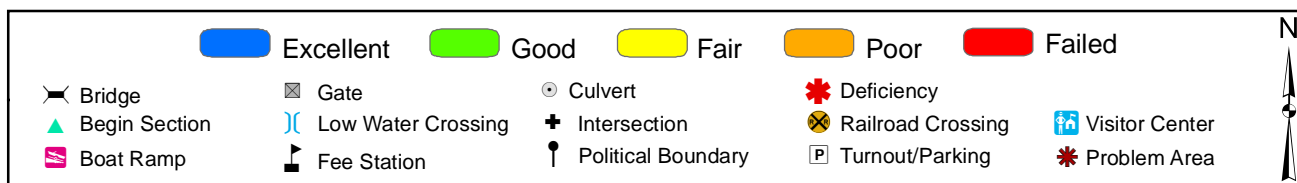
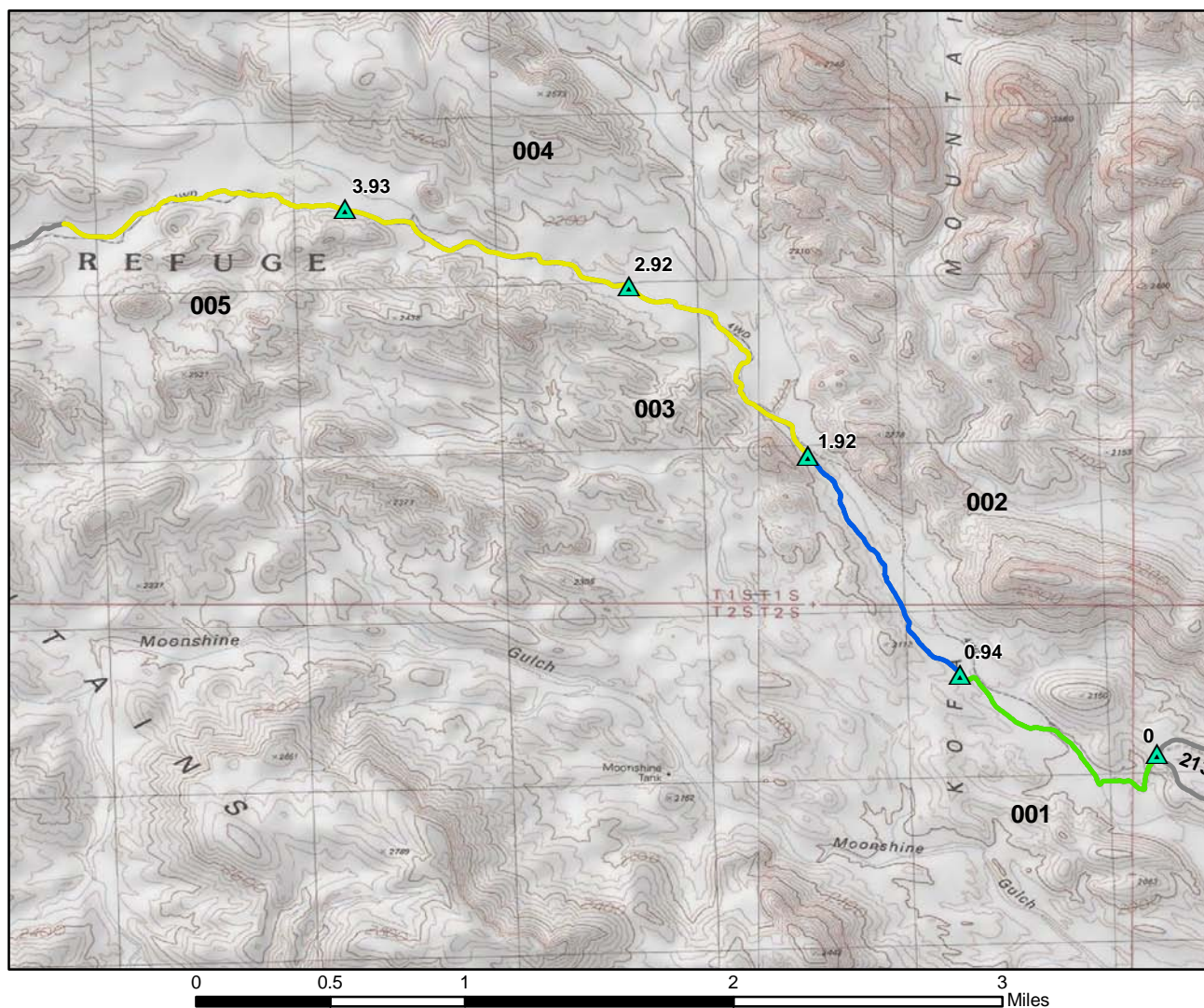
TOTAL LENGTH: 4.6 Miles

ASSET: 10009994

RTE DESCRIPTION: From Engesser Pass Road (Rte 213) to east refuge boundary

Section Number	001	002	003	004	005
Section Length (miles)	1.01	1.01	1.00	0.99	0.60
Inspection Date	4/5/2008	4/5/2008	4/5/2008	4/5/2008	4/5/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Native
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	5	5	5	7	7
Cost Estimate	\$400	\$400	\$400	\$400	\$1000
CRV	\$0	\$0	\$0	\$0	\$217500





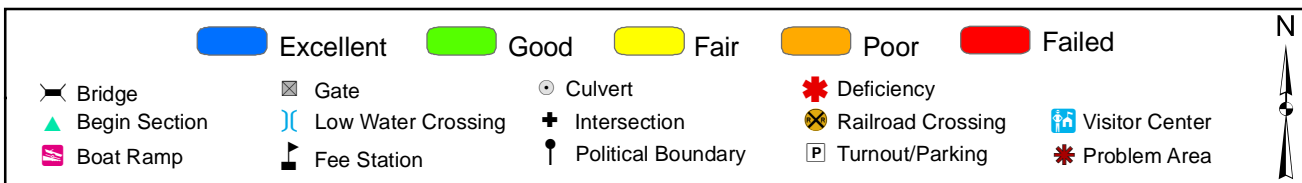
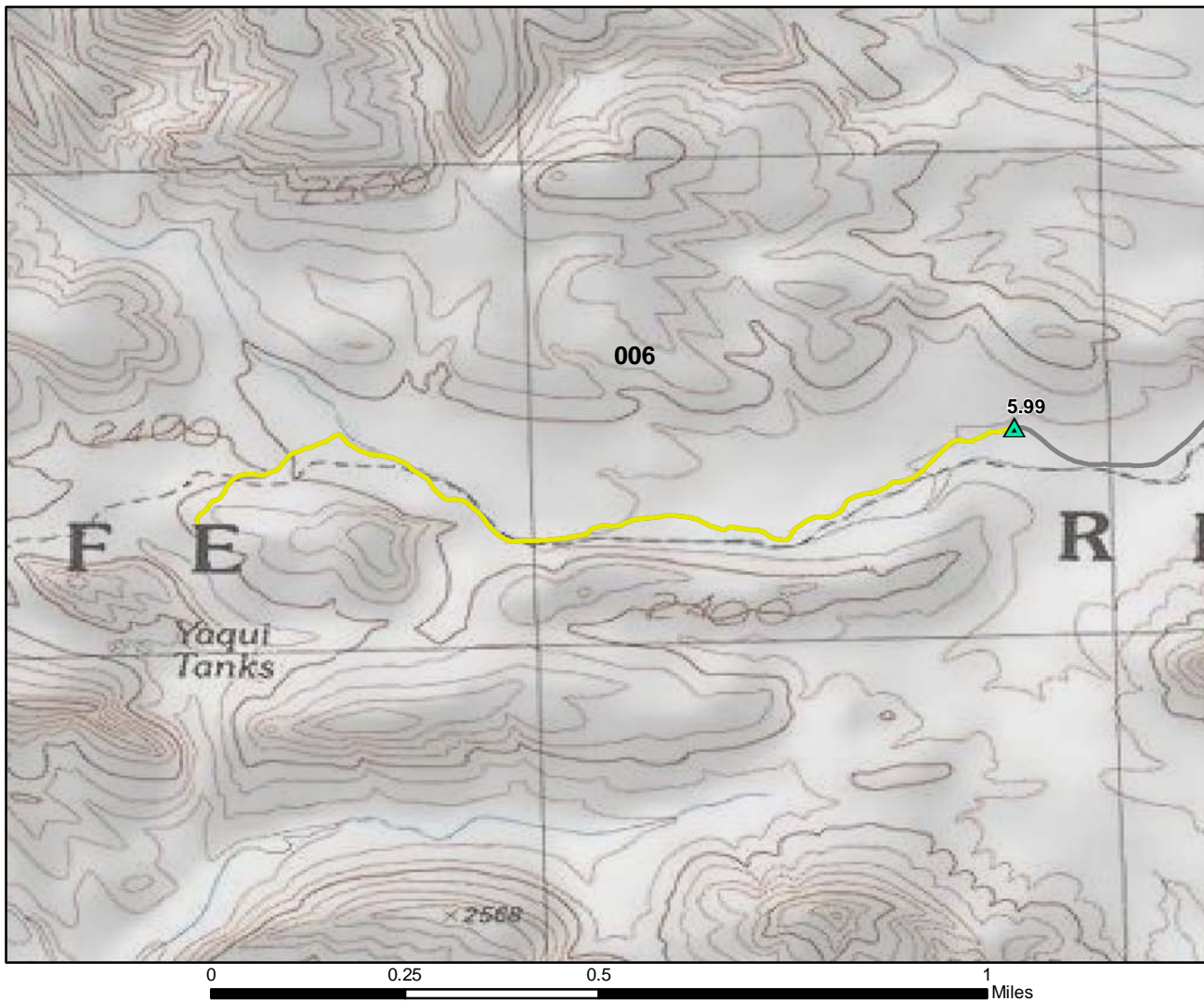
ROUTE: 215 Yaqui Tanks Road

TOTAL LENGTH: 6 Miles

ASSET: 10009994

RTE DESCRIPTION: From Engesser Pass Road (Rte 213) to end of route

Section Number	001	002	003	004	005
Section Length (miles)	0.95	0.98	1.00	1.02	0.99
Inspection Date	4/5/2008	4/5/2008	4/5/2008	4/5/2008	4/5/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Native	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Excellent	Fair	Fair	Fair
Remaining Service Life (years)	7	9	3	3	3
Cost Estimate	\$400	\$0	\$2200	\$700	\$700
CRV	\$0	\$0	\$358500	\$0	\$0



ROUTE: 215      Yaqui Tanks Road

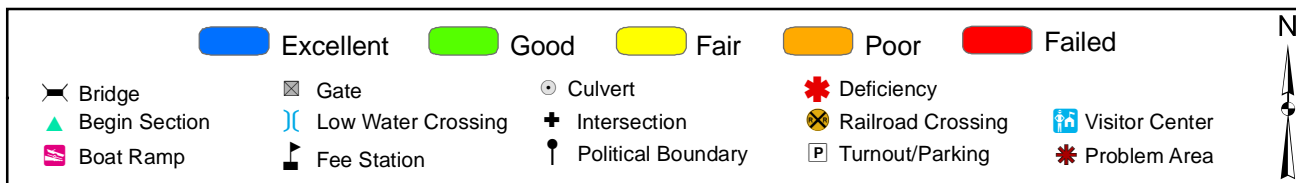
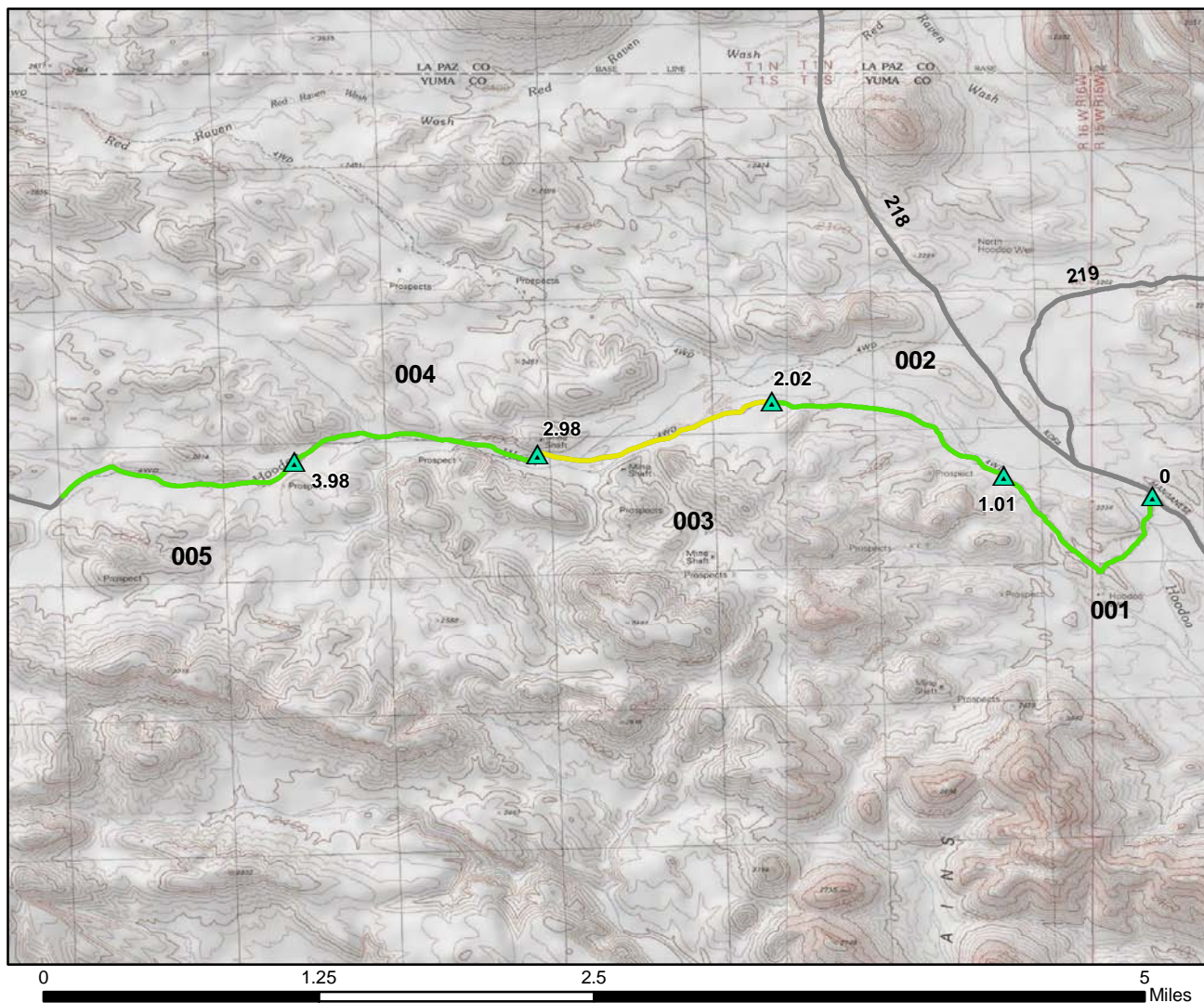
TOTAL LENGTH: 6 Miles

ASSET: 10009994

RTE DESCRIPTION: From Engesser Pass Road (Rte 213) to end of route

Section Number	006				
Section Length (miles)	1.06				
Inspection Date	4/5/2008				
<b>Section Information</b>					
Surface Type	Primitive				
Number of Lanes	1				
Roadway Width (feet)	8				
<b>Roadway Condition Information</b>					
Condition	Fair				
Remaining Service Life (years)	3				
Cost Estimate	\$700				
CRV	\$0				





ROUTE: 216 Hoodoo Wash Road

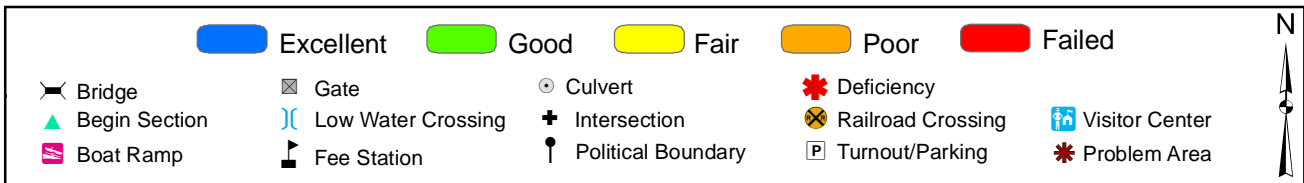
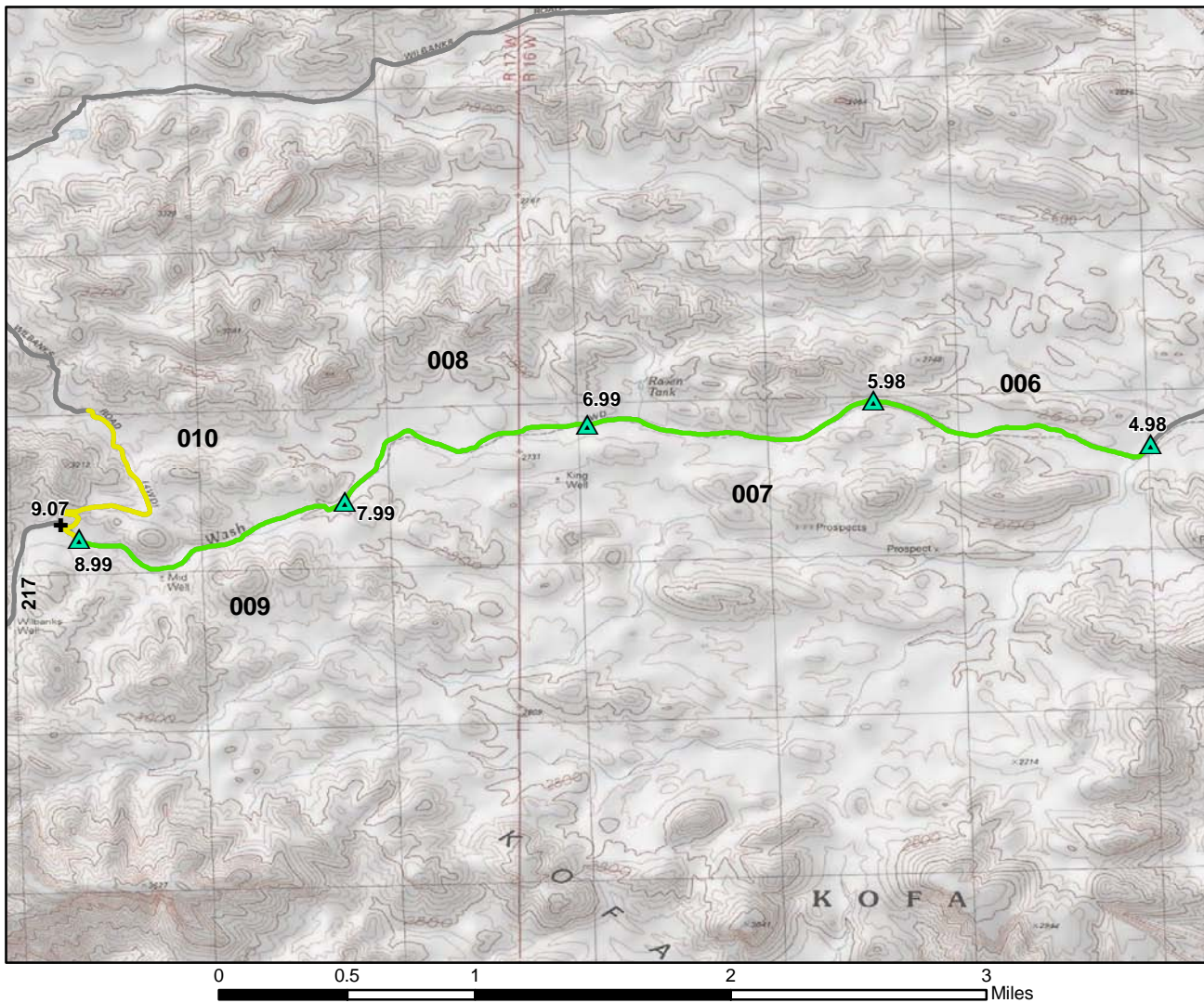
TOTAL LENGTH: 26.04 Miles

ASSET: 10009994

RTE DESCRIPTION: From Kofa Maganese Road (Rte 218) to Kofa Cabin Road (Rte 221)

Section Number	001	002	003	004	005
Section Length (miles)	1.01	1.01	0.96	1.00	1.00
Inspection Date	4/6/2008	4/6/2008	4/6/2008	4/6/2008	4/6/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Fair	Good	Good
Remaining Service Life (years)	5	5	3	5	5
Cost Estimate	\$400	\$400	\$700	\$400	\$400
CRV	\$0	\$0	\$0	\$0	\$0



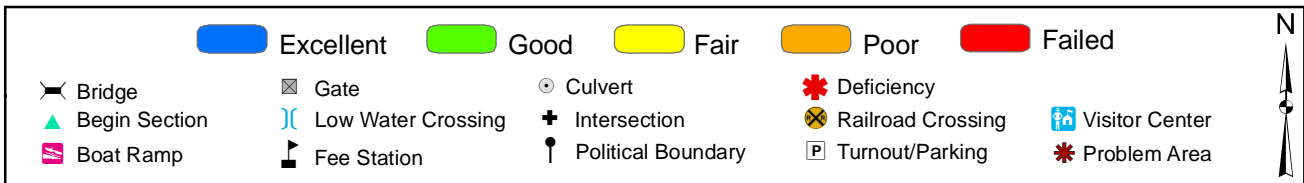
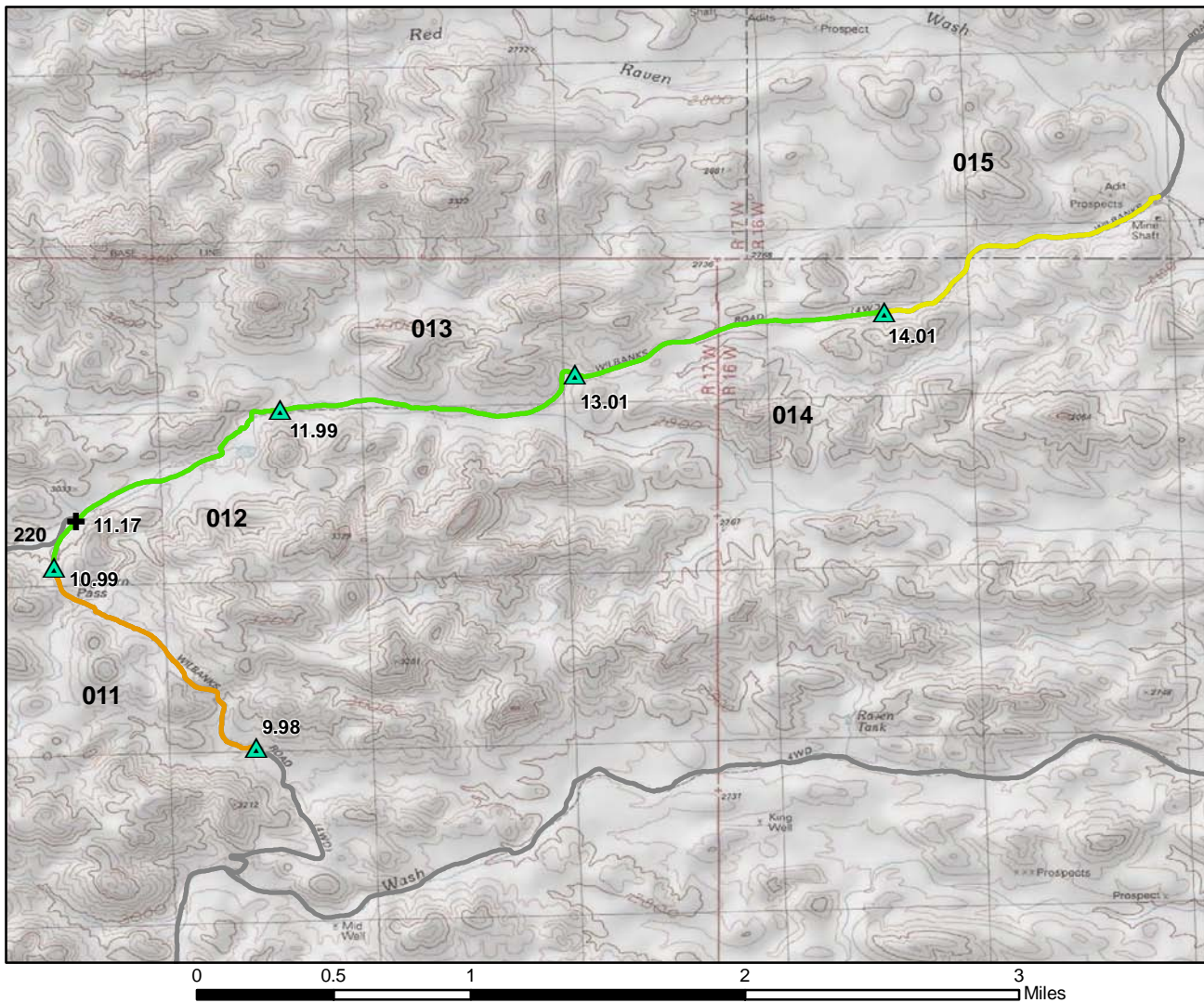


ROUTE: 216      Hoodoo Wash Road      TOTAL LENGTH: 26.04 Miles

ASSET: 10009994

RTE DESCRIPTION: From Kofa Maganese Road (Rte 218) to Kofa Cabin Road (Rte 221)

Section Number	006	007	008	009	010
Section Length (miles)	1.00	1.01	1.00	1.01	0.99
Inspection Date	4/6/2008	4/6/2008	4/6/2008	4/6/2008	4/6/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Fair
Remaining Service Life (years)	5	5	5	7	3
Cost Estimate	\$400	\$400	\$400	\$400	\$700
CRV	\$0	\$0	\$0	\$0	\$0



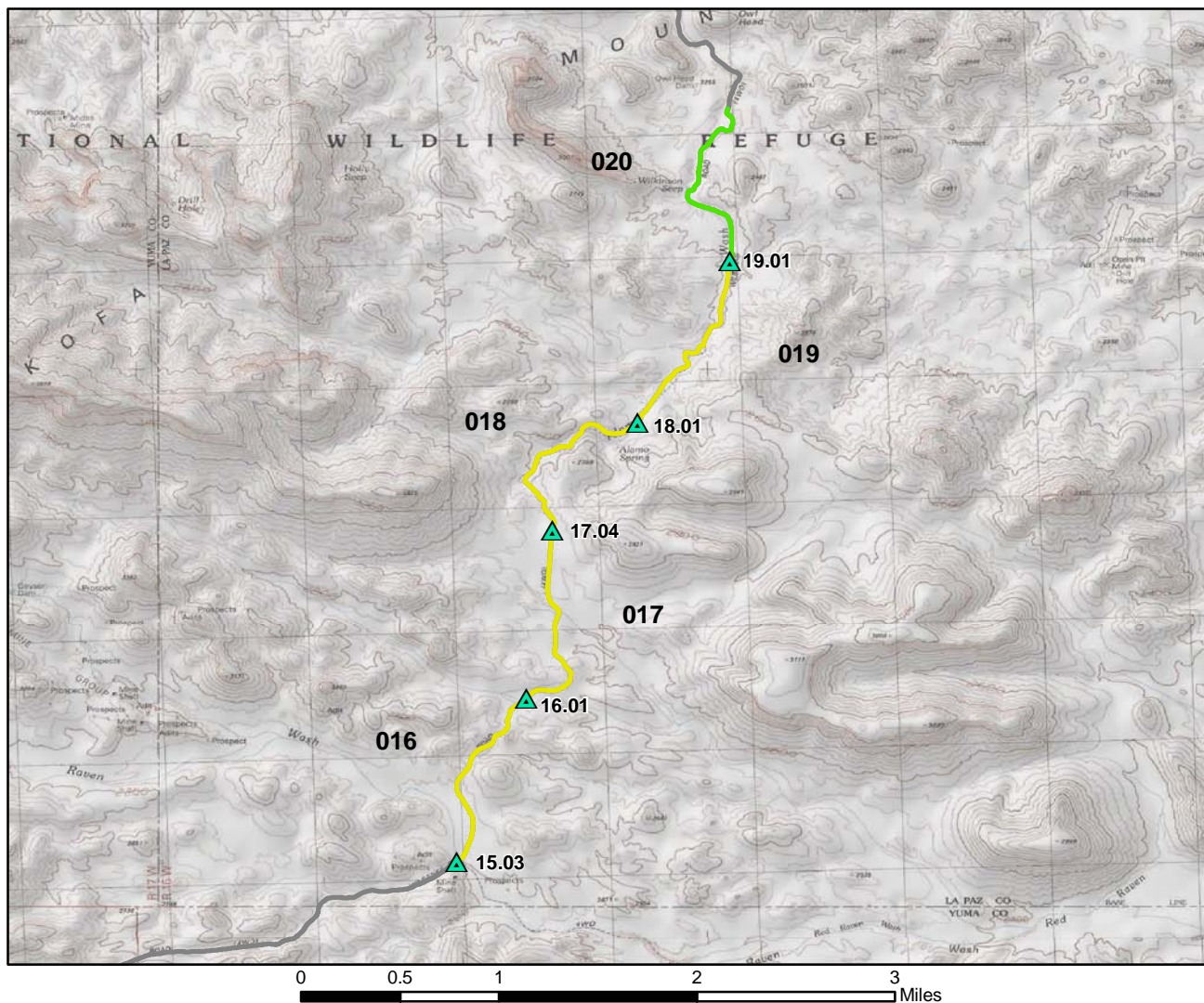
ROUTE: 216 Hoodoo Wash Road TOTAL LENGTH: 26.04 Miles

ASSET: 10009994

RTE DESCRIPTION: From Kofa Maganese Road (Rte 218) to Kofa Cabin Road (Rte 221)

Section Number	011	012	013	014	015
Section Length (miles)	1.01	1.00	1.01	1.00	1.02
Inspection Date	4/6/2008	4/6/2008	4/6/2008	4/6/2008	4/6/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Native	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Poor	Good	Good	Good	Fair
Remaining Service Life (years)	2	7	5	5	4
Cost Estimate	\$1100	\$400	\$1800	\$400	\$700
CRV	\$0	\$0	\$365100	\$0	\$0





ROUTE: 216 Hoodoo Wash Road

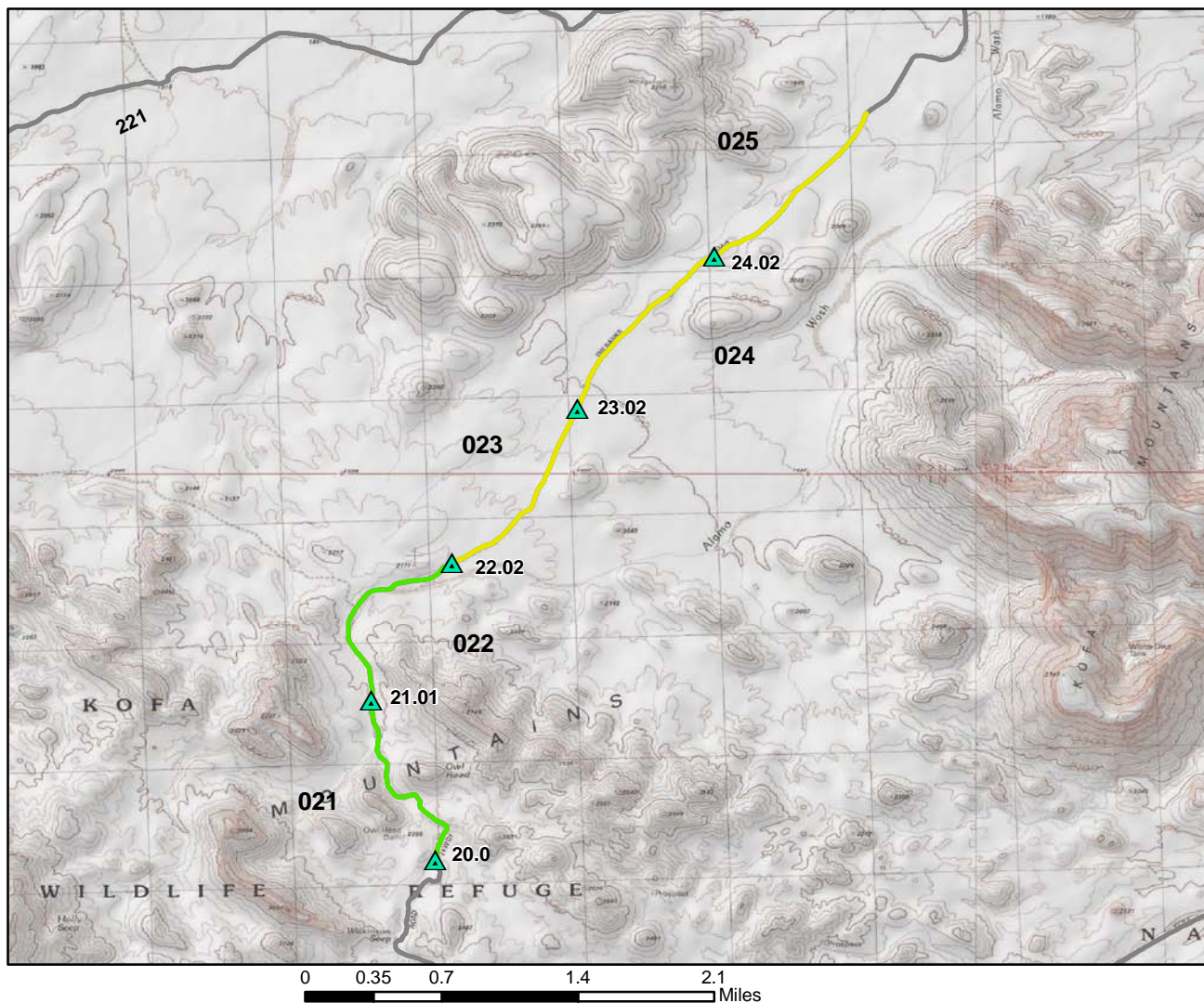
TOTAL LENGTH: 26.04 Miles

ASSET: 10009994

RTE DESCRIPTION: From Kofa Maganese Road (Rte 218) to Kofa Cabin Road (Rte 221)

Section Number	016	017	018	019	020
Section Length (miles)	0.98	1.02	0.97	1.01	0.99
Inspection Date	4/6/2008	4/6/2008	4/6/2008	4/6/2008	4/6/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Fair	Fair	Fair	Fair	Good
Remaining Service Life (years)	3	3	3	4	5
Cost Estimate	\$700	\$700	\$700	\$700	\$400
CRV	\$0	\$0	\$0	\$0	\$0





	Excellent		Good		Fair		Poor		Failed
	Bridge		Gate		Culvert		Deficiency		Railroad Crossing
	Begin Section		Low Water Crossing		Intersection		Turnout/Parking		Visitor Center
	Boat Ramp		Fee Station		Political Boundary		Problem Area		

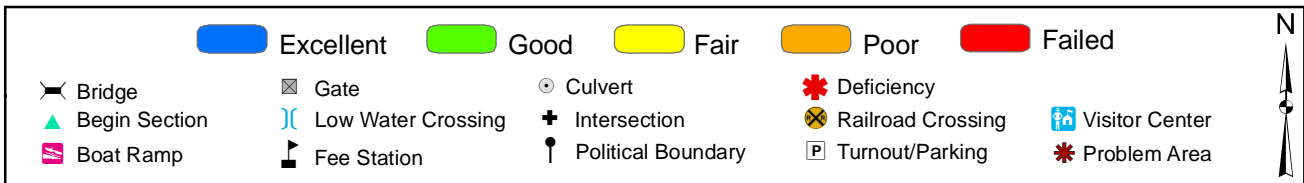
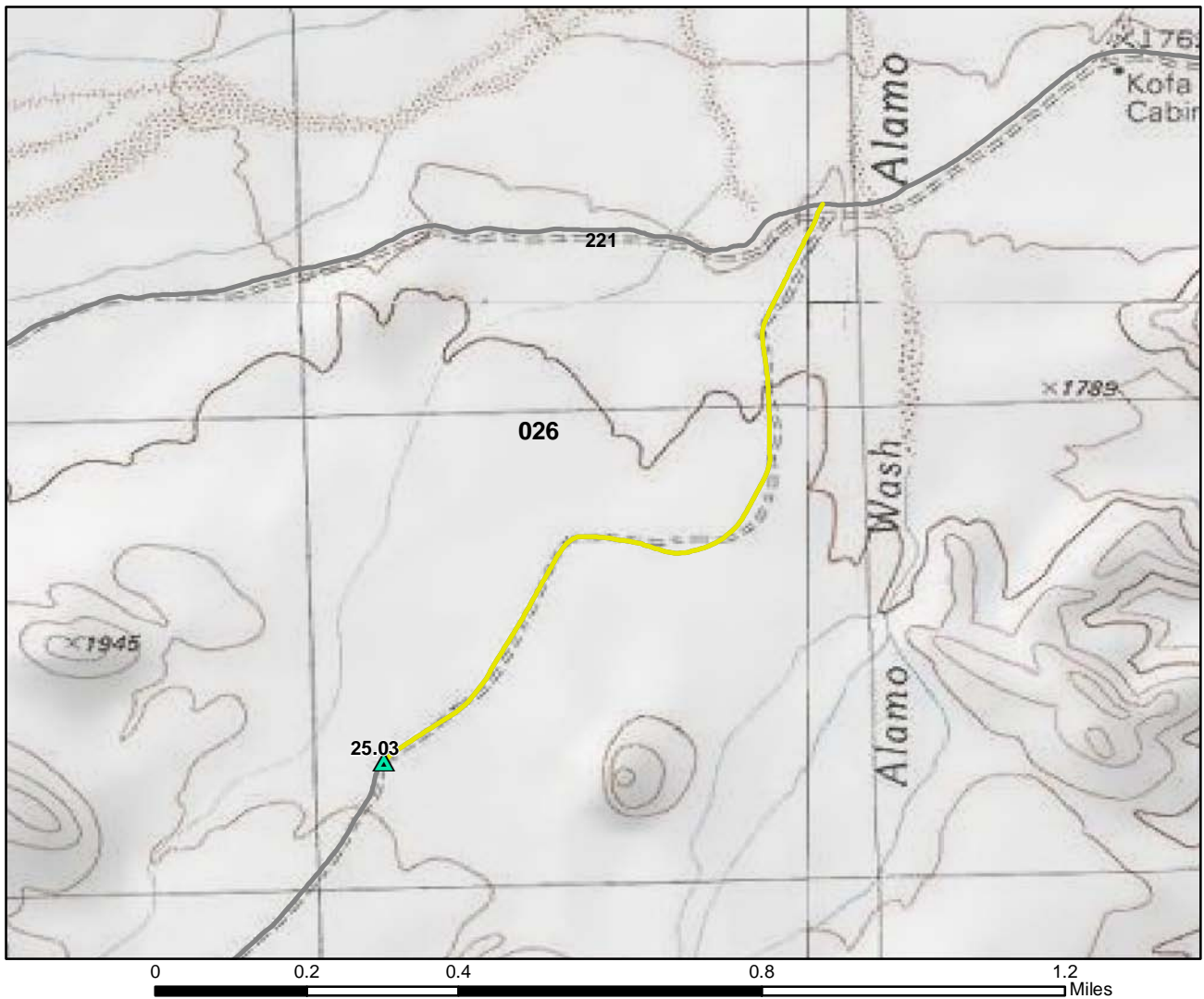
ROUTE: 216 Hoodoo Wash Road

TOTAL LENGTH: 26.04 Miles

ASSET: 10009994

RTE DESCRIPTION: From Kofa Maganese Road (Rte 218) to Kofa Cabin Road (Rte 221)

Section Number	021	022	023	024	025
Section Length (miles)	1.01	1.01	1.00	1.00	1.00
Inspection Date	4/6/2008	4/6/2008	4/6/2008	4/6/2008	4/6/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Fair	Fair	Fair
Remaining Service Life (years)	5	7	3	3	3
Cost Estimate	\$400	\$400	\$700	\$700	\$700
CRV	\$0	\$0	\$0	\$0	\$0



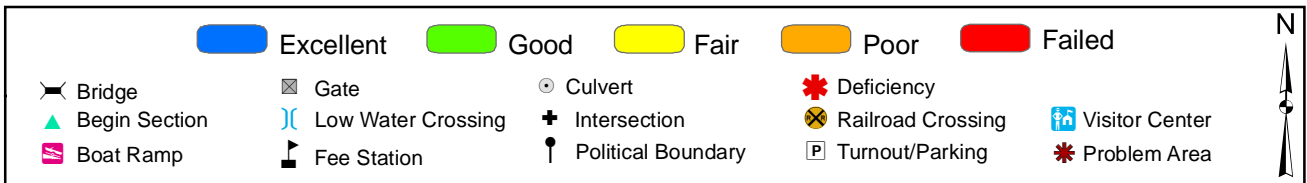
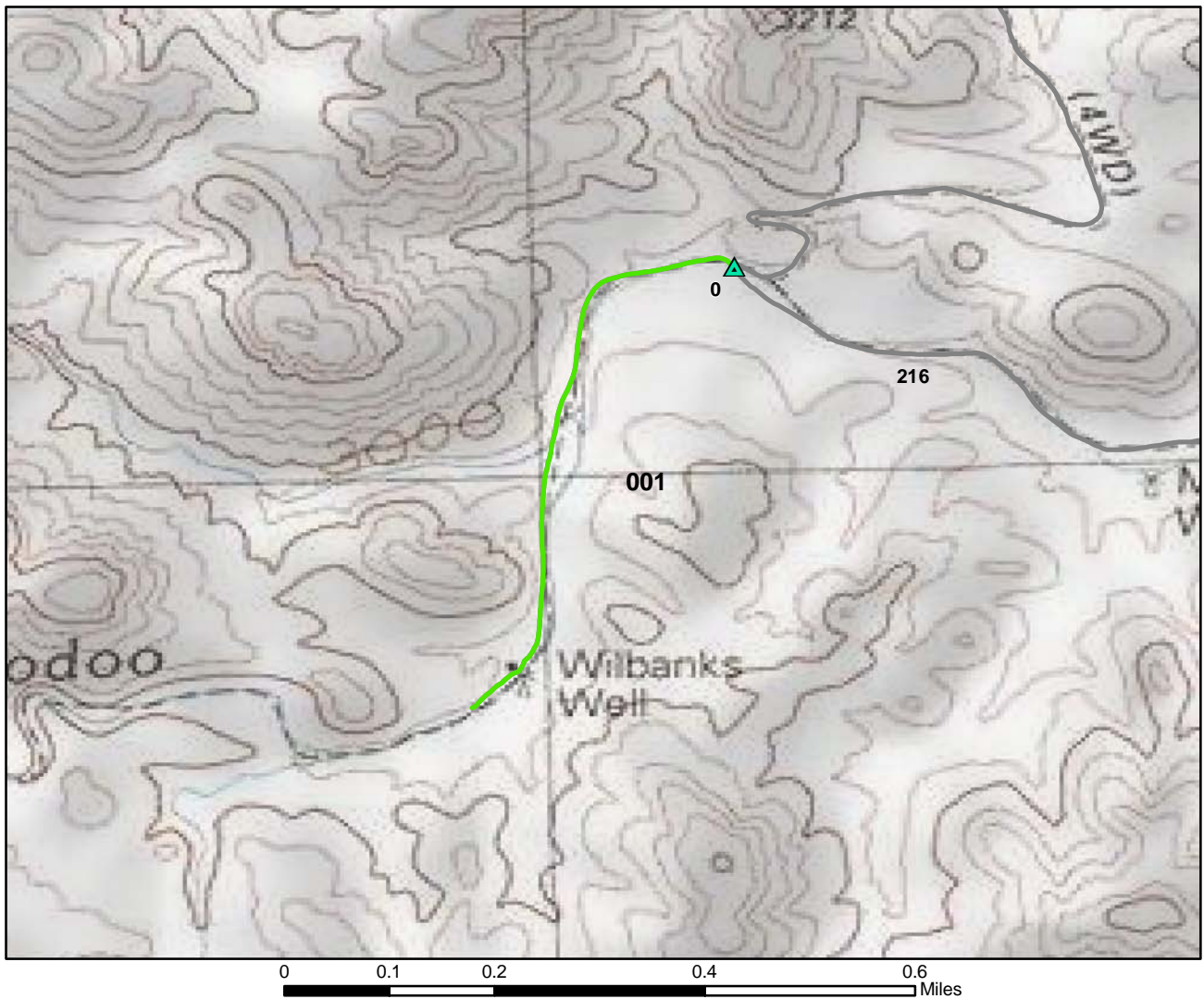
ROUTE: 216 Hoodoo Wash Road TOTAL LENGTH: 26.04 Miles

ASSET: 10009994

RTE DESCRIPTION: From Kofa Maganese Road (Rte 218) to Kofa Cabin Road (Rte 221)

Section Number	026				
Section Length (miles)	1.01				
Inspection Date	4/6/2008				
<b>Section Information</b>					
Surface Type	Primitive				
Number of Lanes	1				
Roadway Width (feet)	8				
<b>Roadway Condition Information</b>					
Condition	Fair				
Remaining Service Life (years)	3				
Cost Estimate	\$700				
CRV	\$0				



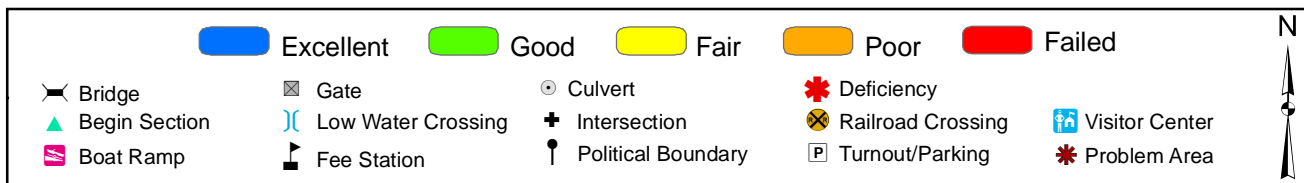
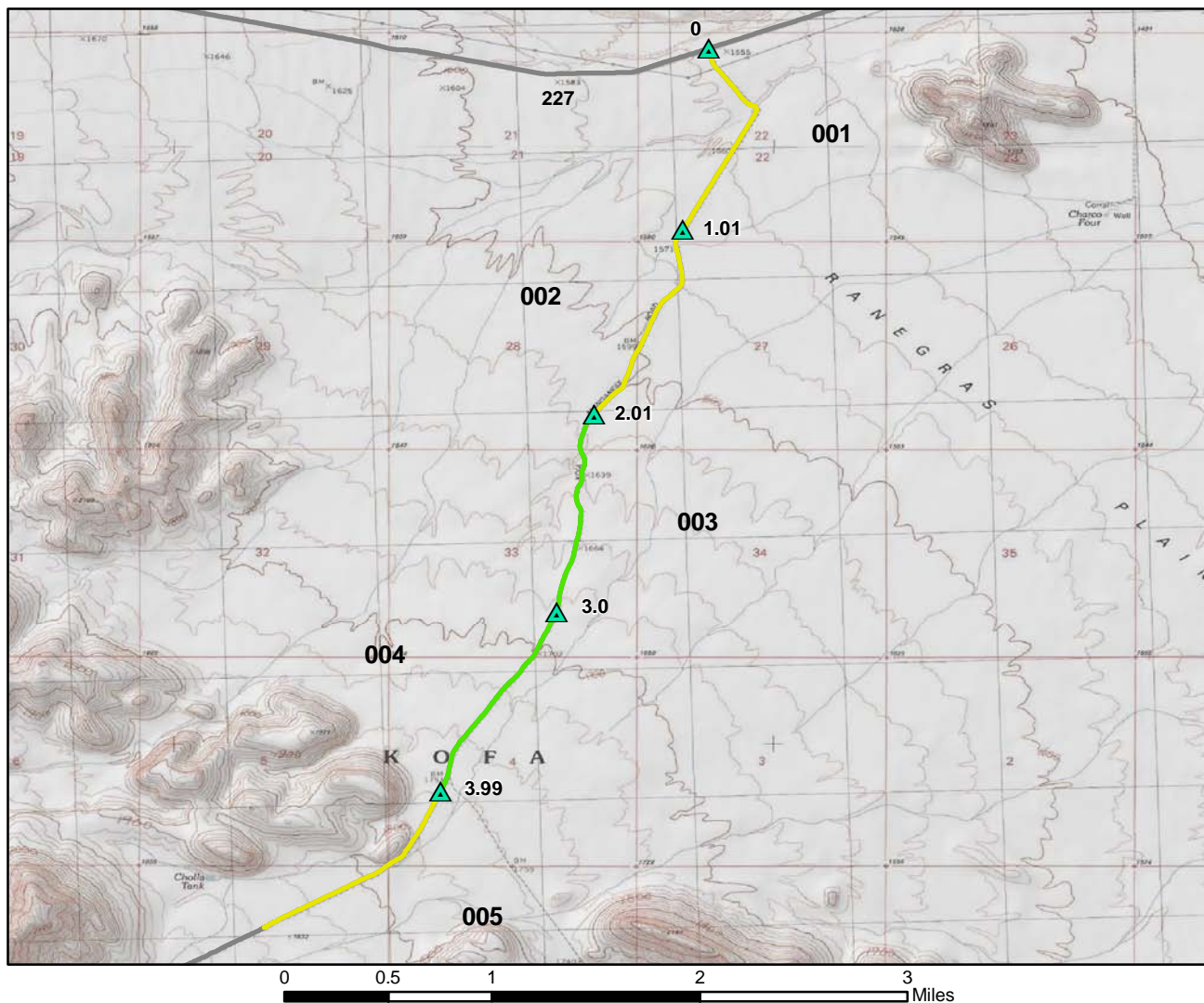


ROUTE: 217 Wilbanks Well Road TOTAL LENGTH: 0.54 Miles

ASSET: 10009994

RTE DESCRIPTION: From Hoodoo Wash Road (Rte 216) to end of route

Section Number	001				
Section Length (miles)	0.54				
Inspection Date	4/6/2008				
<b>Section Information</b>					
Surface Type	Primitive				
Number of Lanes	1				
Roadway Width (feet)	8				
<b>Roadway Condition Information</b>					
Condition	Good				
Remaining Service Life (years)	7				
Cost Estimate	\$200				
CRV	\$0				



ROUTE: 218 Kofa Manganese Road

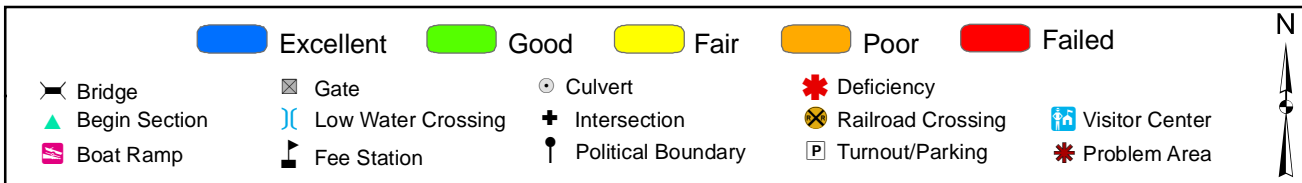
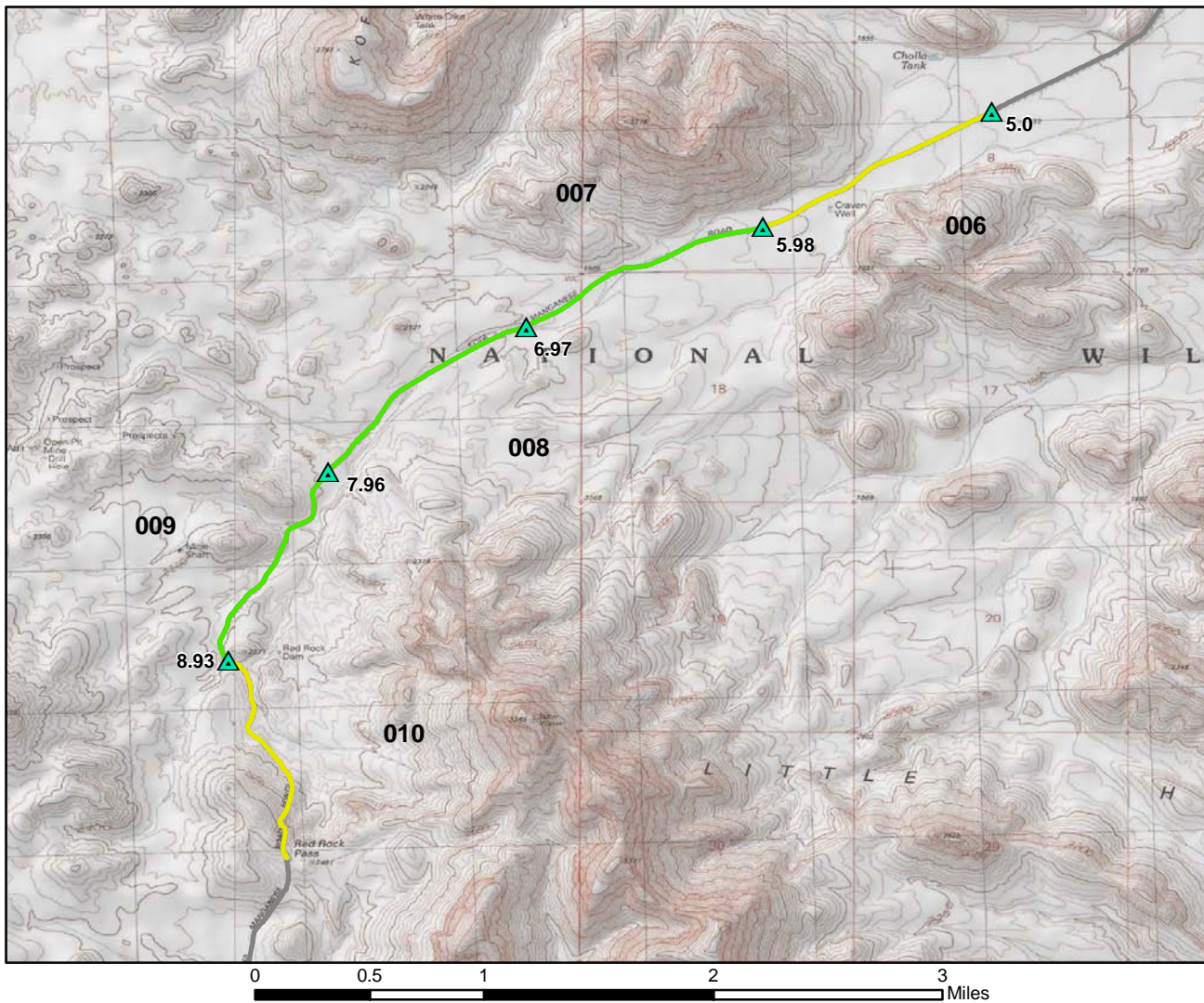
TOTAL LENGTH: 13.81 Miles

ASSET: 10009994

RTE DESCRIPTION: From Engesser Pass Road (Rte 213) to Pipeline Road (Rte 227)

Section Number	001	002	003	004	005
Section Length (miles)	1.01	1.00	0.99	0.99	1.01
Inspection Date	4/6/2008	4/6/2008	4/6/2008	4/6/2008	4/6/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	10	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Fair	Fair	Good	Good	Fair
Remaining Service Life (years)	3	3	7	5	3
Cost Estimate	\$700	\$700	\$400	\$400	\$700
CRV	\$0	\$0	\$0	\$0	\$0



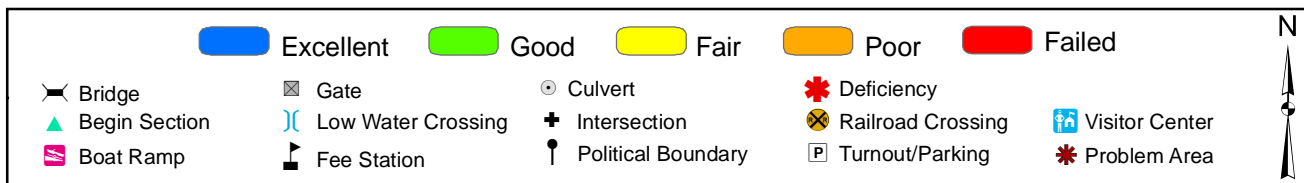
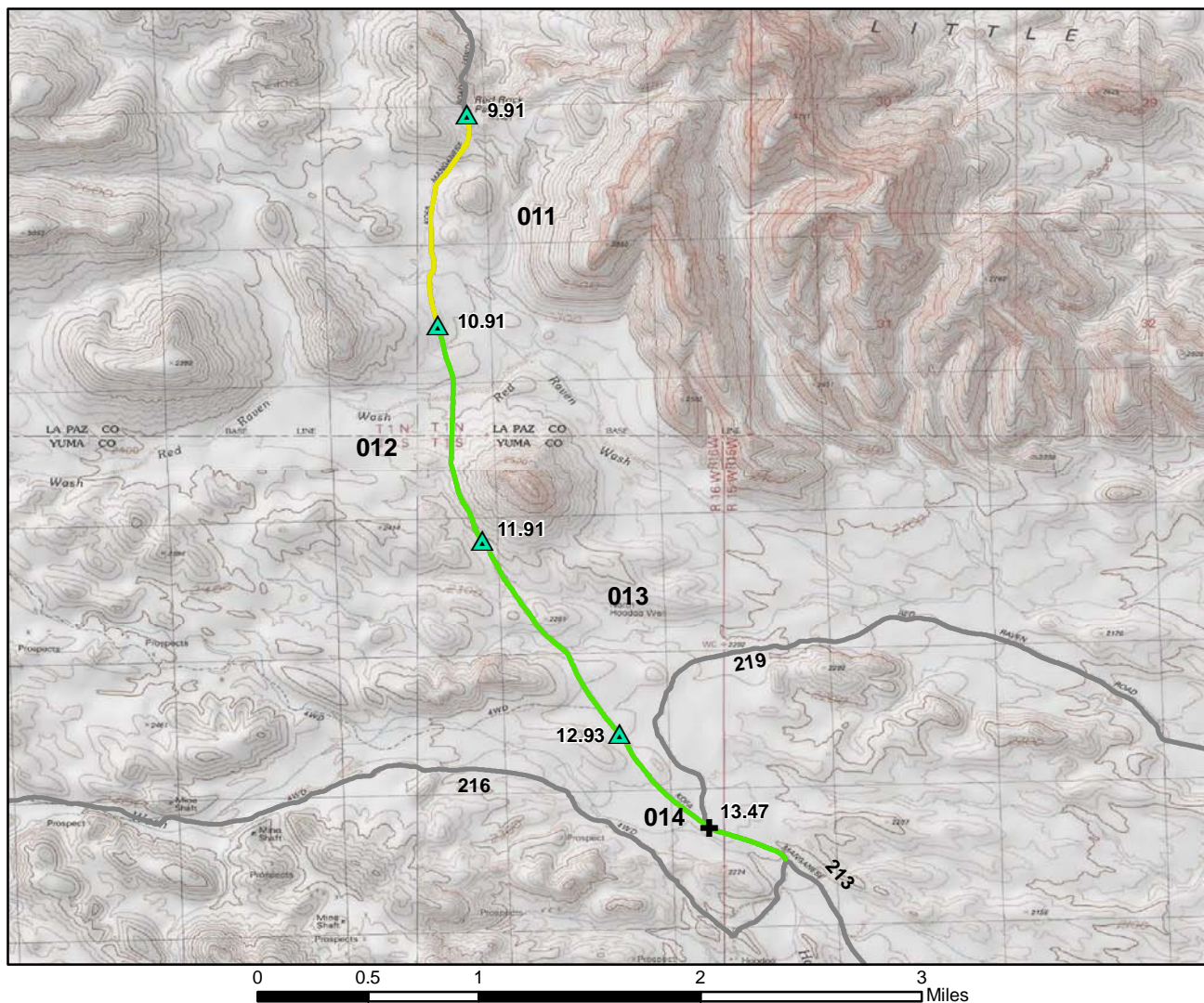


ROUTE: 218      Kofa Manganese Road      TOTAL LENGTH: 13.81 Miles

ASSET: 10009994

RTE DESCRIPTION: From Engesser Pass Road (Rte 213) to Pipeline Road (Rte 227)

Section Number	006	007	008	009	010
Section Length (miles)	0.98	0.99	0.98	0.97	0.98
Inspection Date	4/6/2008	4/6/2008	4/6/2008	4/6/2008	4/6/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Fair	Good	Good	Good	Fair
Remaining Service Life (years)	3	5	5	5	3
Cost Estimate	\$700	\$400	\$400	\$400	\$700
CRV	\$0	\$0	\$0	\$0	\$0



ROUTE: 218 Kofa Manganese Road

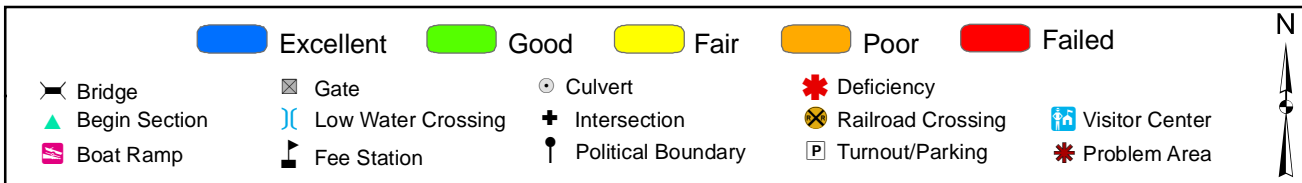
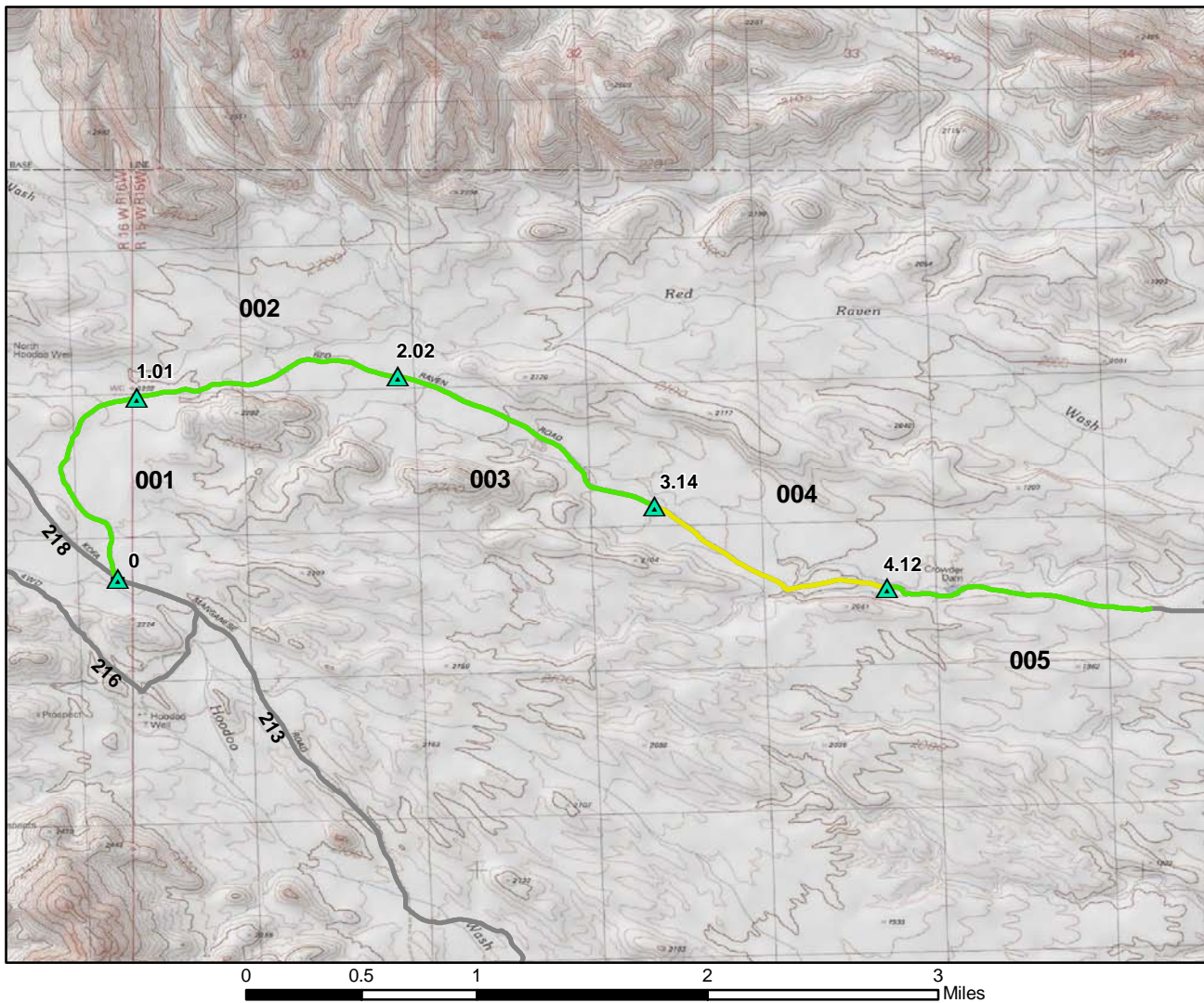
TOTAL LENGTH: 13.81 Miles

ASSET: 10009994

RTE DESCRIPTION: From Engesser Pass Road (Rte 213) to Pipeline Road (Rte 227)

Section Number	011	012	013	014	
Section Length (miles)	1.00	1.00	1.03	0.88	
Inspection Date	4/6/2008	4/6/2008	4/6/2008	4/6/2008	
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Native	Primitive	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	8	8	8	8	
<b>Roadway Condition Information</b>					
Condition	Fair	Good	Good	Good	
Remaining Service Life (years)	3	7	7	5	
Cost Estimate	\$700	\$400	\$1800	\$400	
CRV	\$0	\$0	\$369100	\$0	





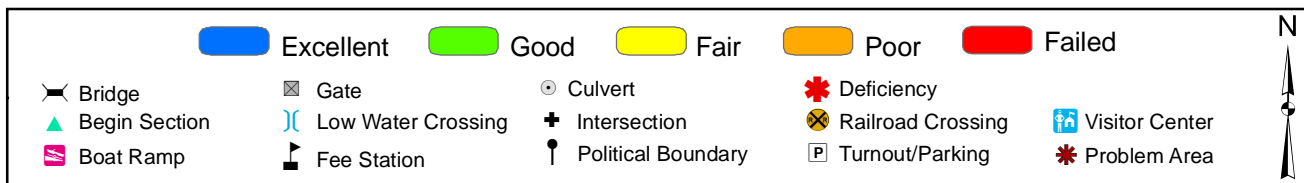
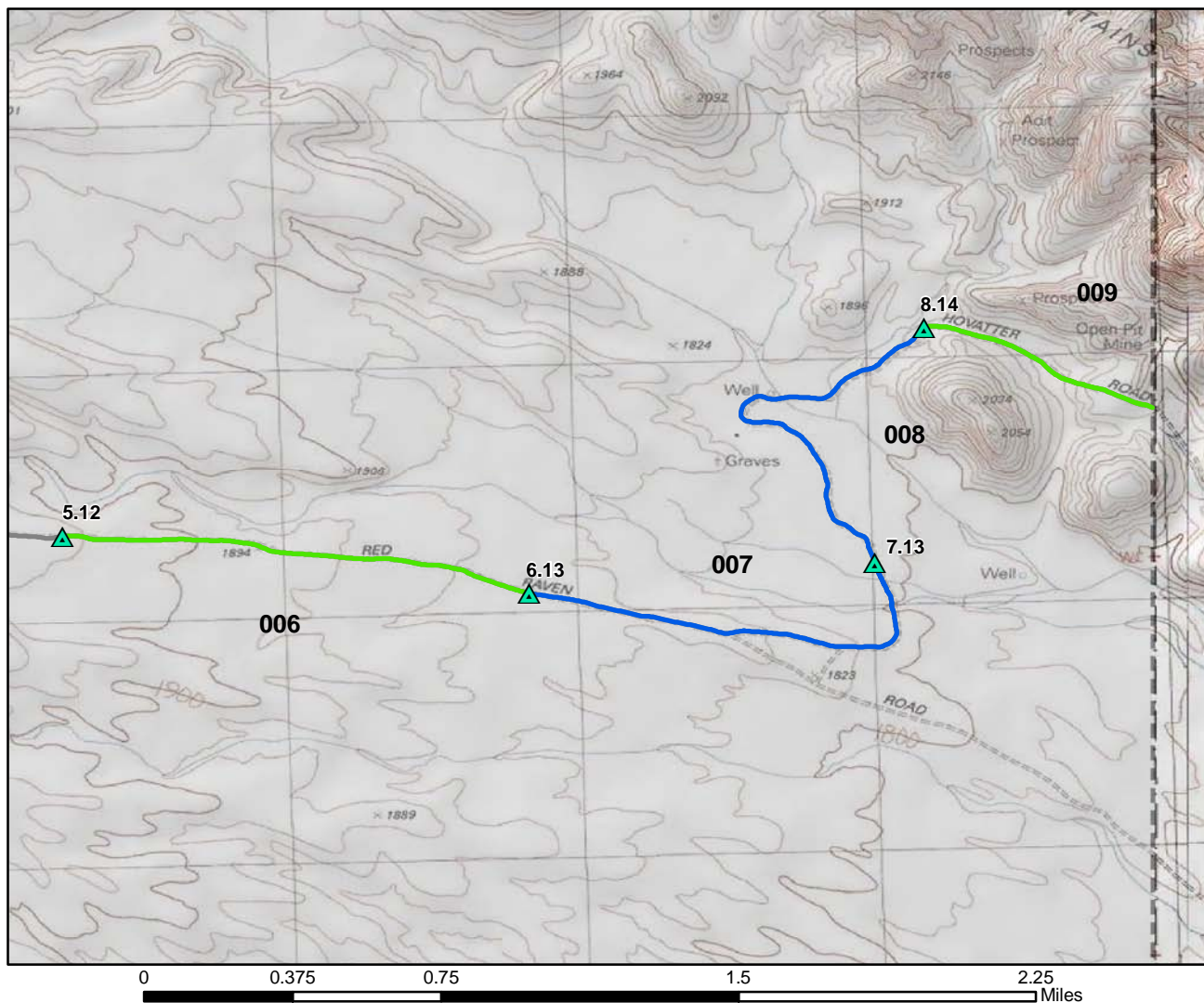
ROUTE: 219 Red Raven Well Road

TOTAL LENGTH: 8.68 Miles

ASSET: 10009994

RTE DESCRIPTION: From Kofa Manganese Road (Rte 218) to refuge boundary

Section Number	001	002	003	004	005
Section Length (miles)	1.01	1.01	1.13	0.98	1.00
Inspection Date	4/6/2008	4/6/2008	4/6/2008	4/6/2008	4/6/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Fair	Good
Remaining Service Life (years)	7	5	5	3	7
Cost Estimate	\$400	\$400	\$500	\$700	\$400
CRV	\$0	\$0	\$0	\$0	\$0



ROUTE: 219 Red Raven Well Road

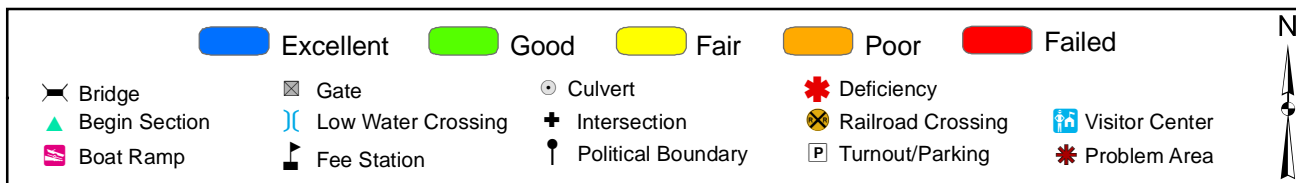
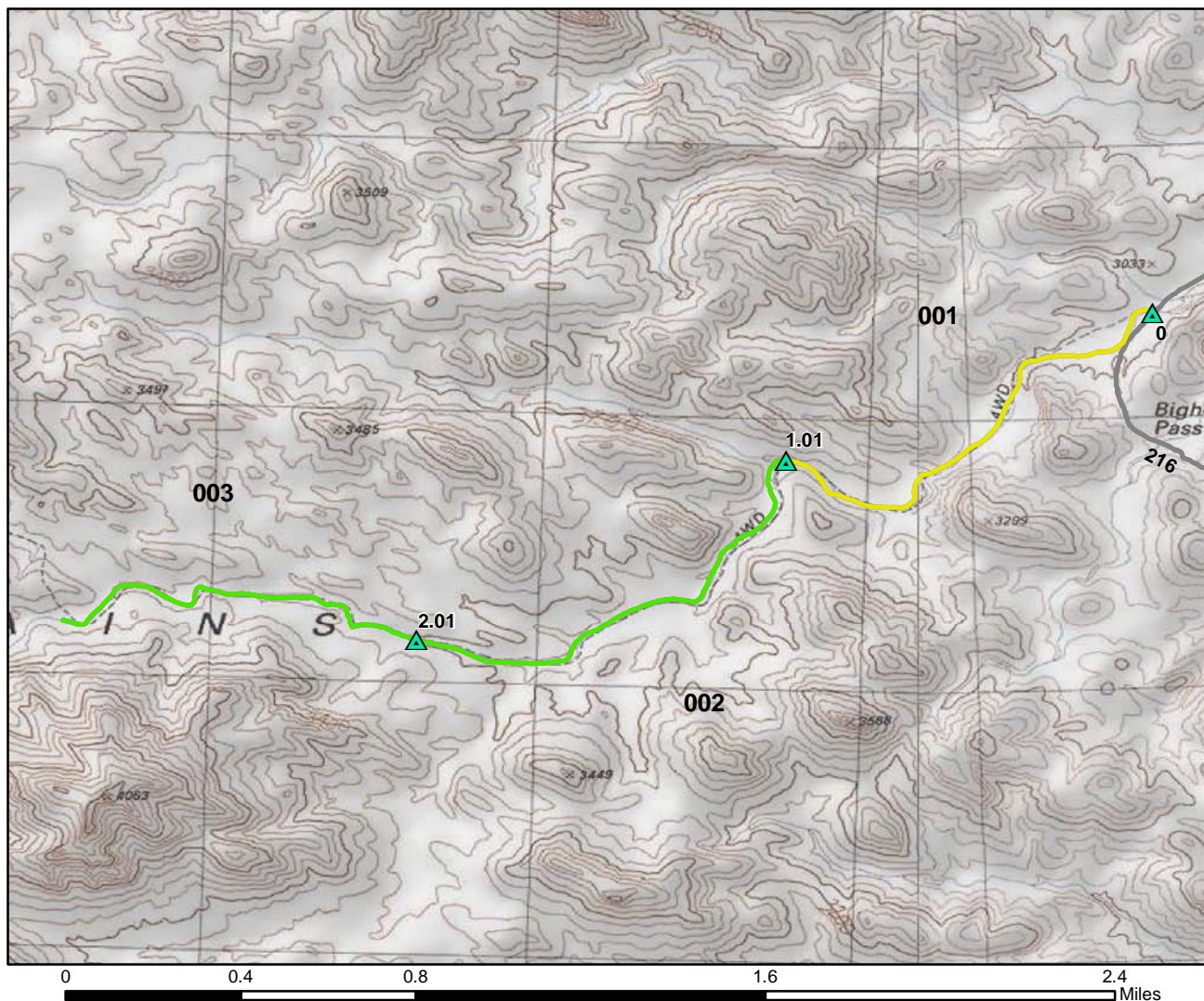
TOTAL LENGTH: 8.68 Miles

ASSET: 10009994

RTE DESCRIPTION: From Kofa Manganese Road (Rte 218) to refuge boundary

Section Number	006	007	008	009	
Section Length (miles)	1.01	1.00	1.01	0.54	
Inspection Date	4/6/2008	4/6/2008	4/6/2008	4/6/2008	
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	8	8	8	8	
<b>Roadway Condition Information</b>					
Condition	Good	Excellent	Excellent	Good	
Remaining Service Life (years)	7	8	8	7	
Cost Estimate	\$400	\$0	\$0	\$200	
CRV	\$0	\$0	\$0	\$0	



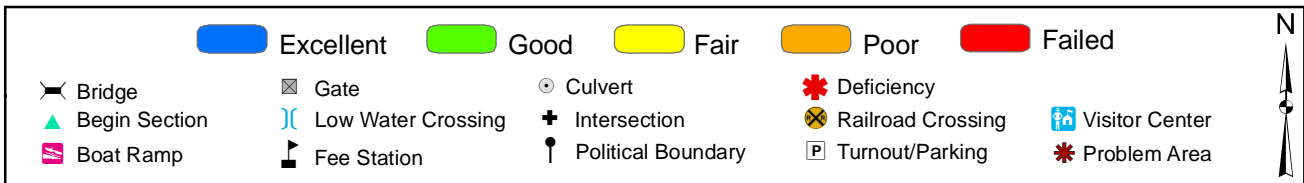
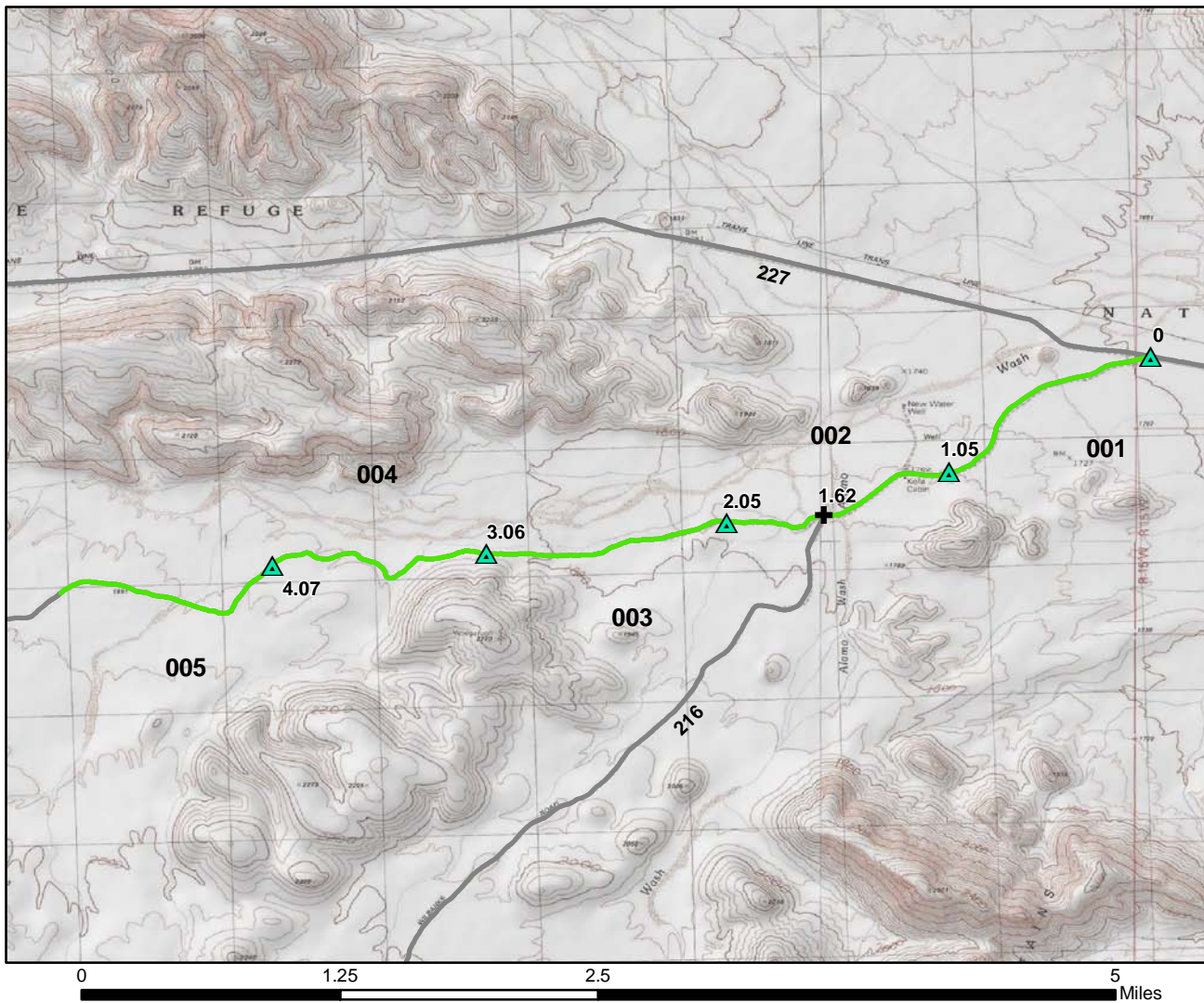


ROUTE: 220 Junction 38 Road TOTAL LENGTH: 2.83 Miles

ASSET: 10009994

RTE DESCRIPTION: From Hoodoo Wash Road (Rte 216) to end of route

Section Number	001	002	003		
Section Length (miles)	1.01	1.01	0.82		
Inspection Date	4/6/2008	4/6/2008	4/6/2008		
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive		
Number of Lanes	1	1	1		
Roadway Width (feet)	8	8	8		
<b>Roadway Condition Information</b>					
Condition	Fair	Good	Good		
Remaining Service Life (years)	3	5	5		
Cost Estimate	\$700	\$400	\$400		
CRV	\$0	\$0	\$0		



ROUTE: 221 Kofa Cabin Road

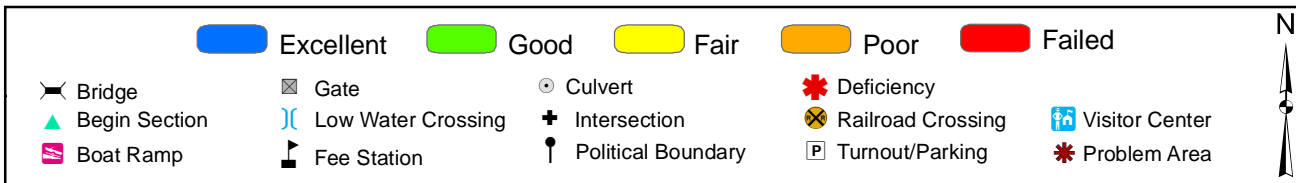
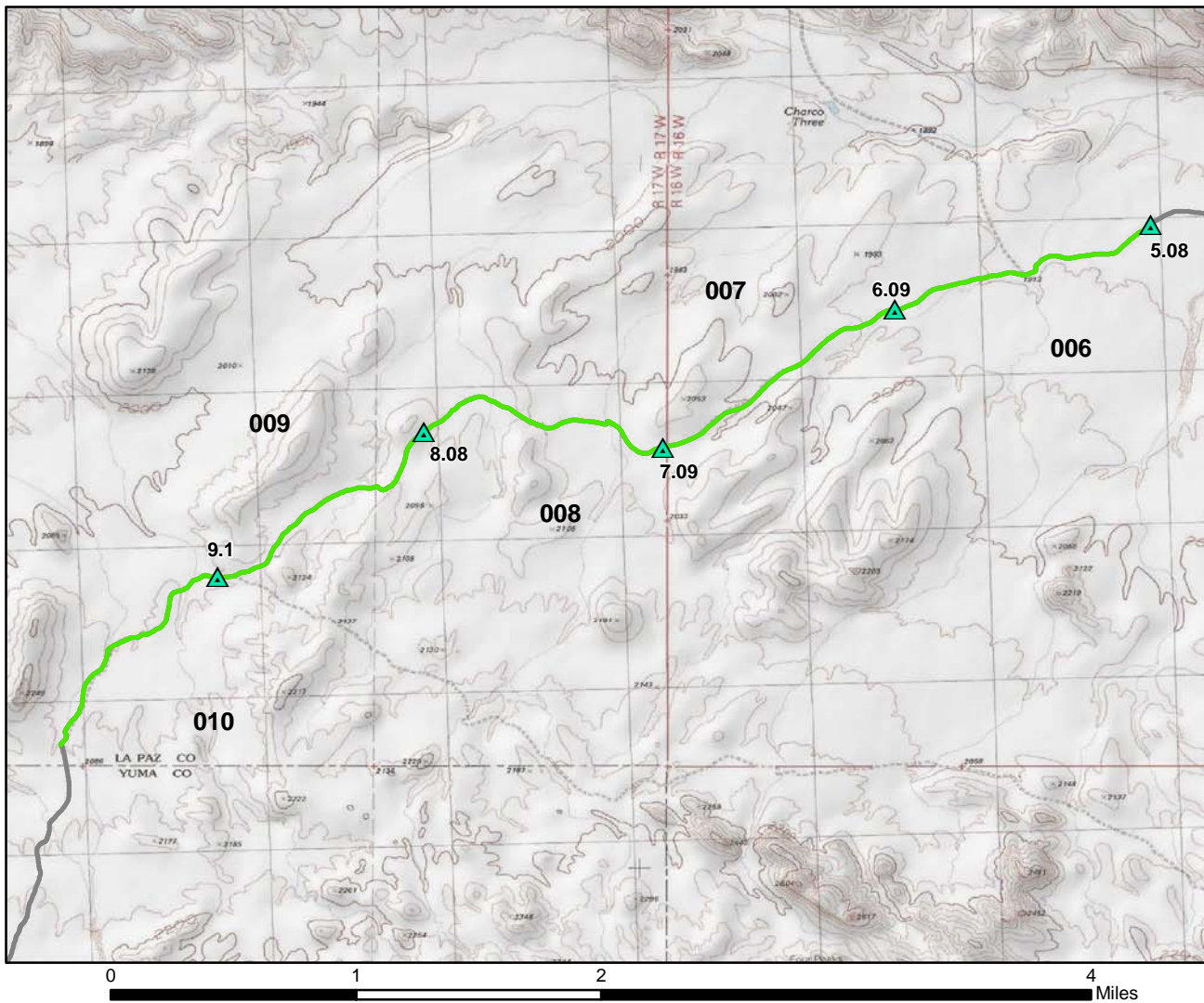
TOTAL LENGTH: 14.3 Miles

ASSET: 10009994

RTE DESCRIPTION: From Pipeline Road (Rte 227), to High Tank 6 Road (Rte 223)

Section Number	001	002	003	004	005
Section Length (miles)	1.05	1.01	1.01	1.00	1.02
Inspection Date	4/8/2008	4/8/2008	4/8/2008	4/8/2008	4/8/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	7	5	5	7	7
Cost Estimate	\$500	\$400	\$400	\$400	\$400
CRV	\$0	\$0	\$0	\$0	\$0



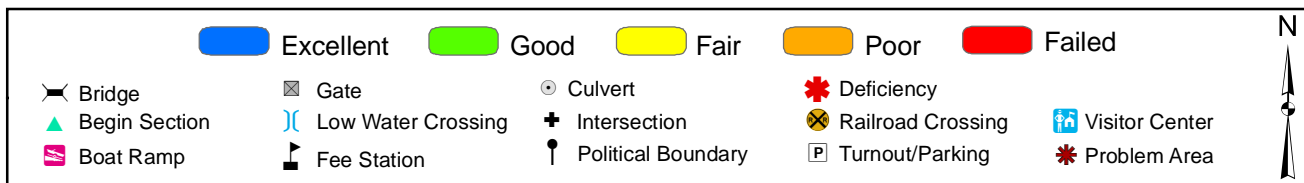
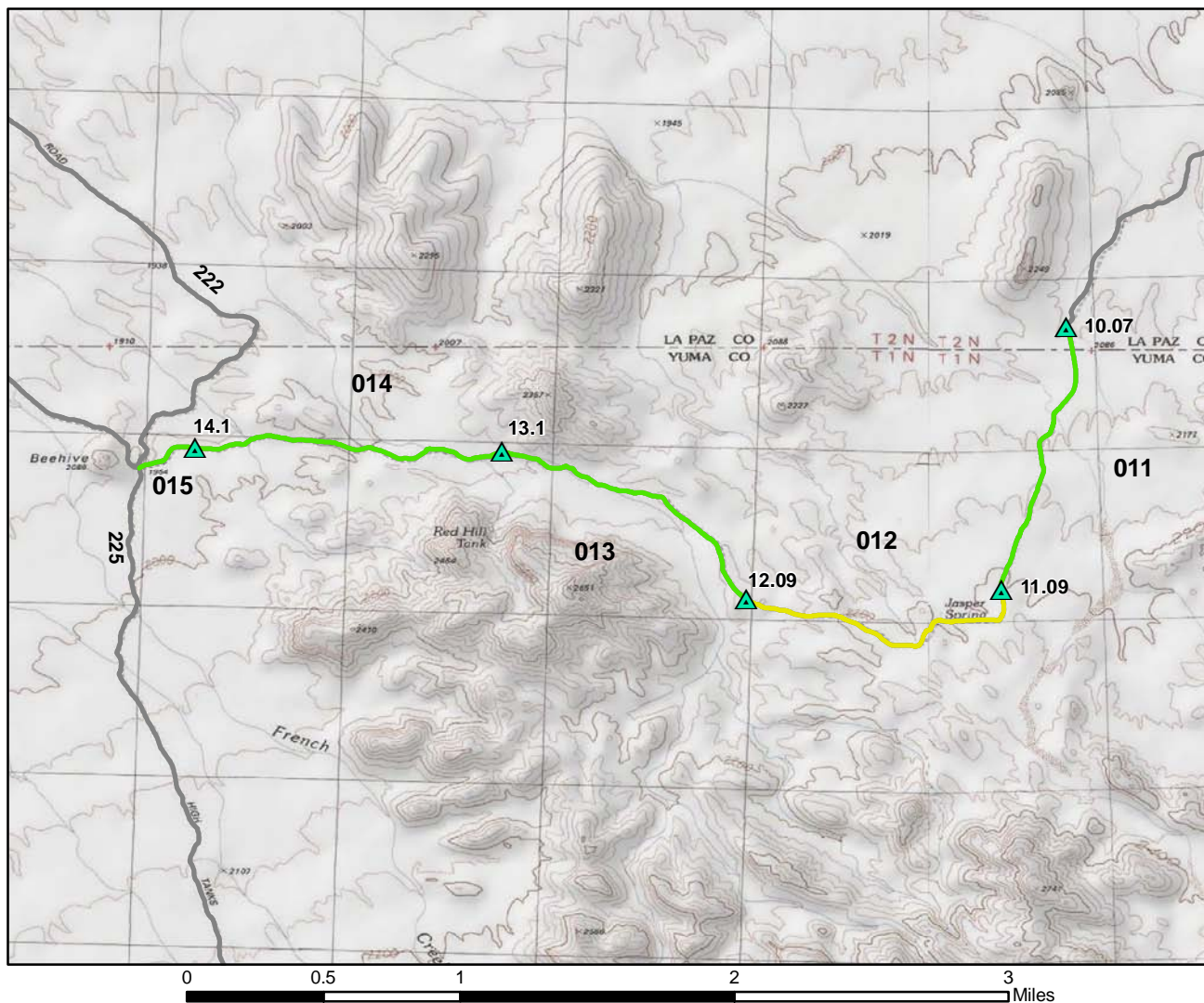


ROUTE: 221 Kofa Cabin Road TOTAL LENGTH: 14.3 Miles

ASSET: 10009994

RTE DESCRIPTION: From Pipeline Road (Rte 227) to High Tank 6 Road (Rte 223)

Section Number	006	007	008	009	010
Section Length (miles)	1.00	1.00	1.00	1.01	0.97
Inspection Date	4/8/2008	4/8/2008	4/7/2008	4/7/2008	4/7/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	7	5	7	5	5
Cost Estimate	\$400	\$400	\$400	\$400	\$400
CRV	\$0	\$0	\$0	\$0	\$0



ROUTE: 221 Kofa Cabin Raod

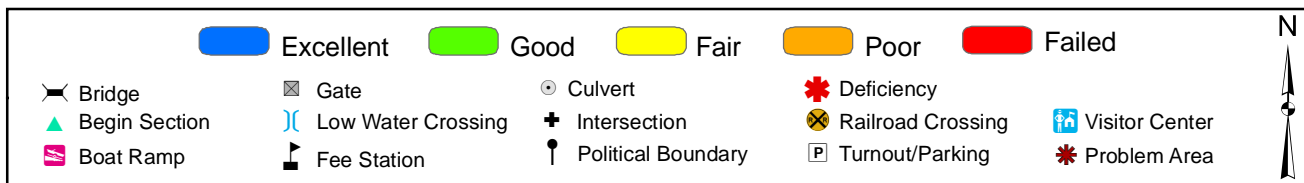
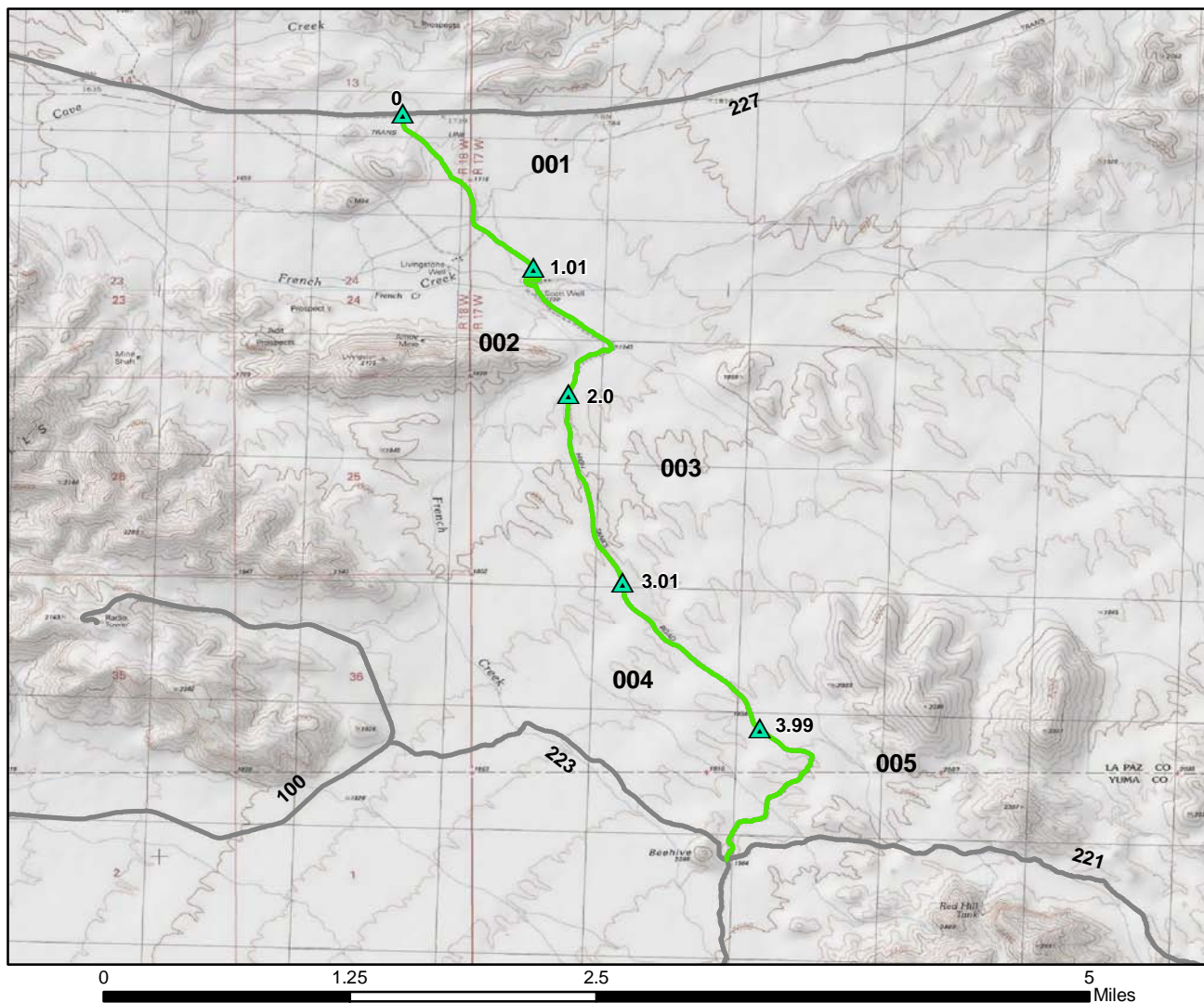
TOTAL LENGTH: 14.3 Miles

ASSET: 10009994

RTE DESCRIPTION: From Pipeline Road (Rte 227), to High Tank 6 Road (Rte 223)

Section Number	011	012	013	014	015
Section Length (miles)	1.02	1.00	1.01	1.00	0.20
Inspection Date	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Fair	Good	Good	Good
Remaining Service Life (years)	5	4	5	5	7
Cost Estimate	\$500	\$700	\$400	\$400	\$100
CRV	\$0	\$0	\$0	\$0	\$0





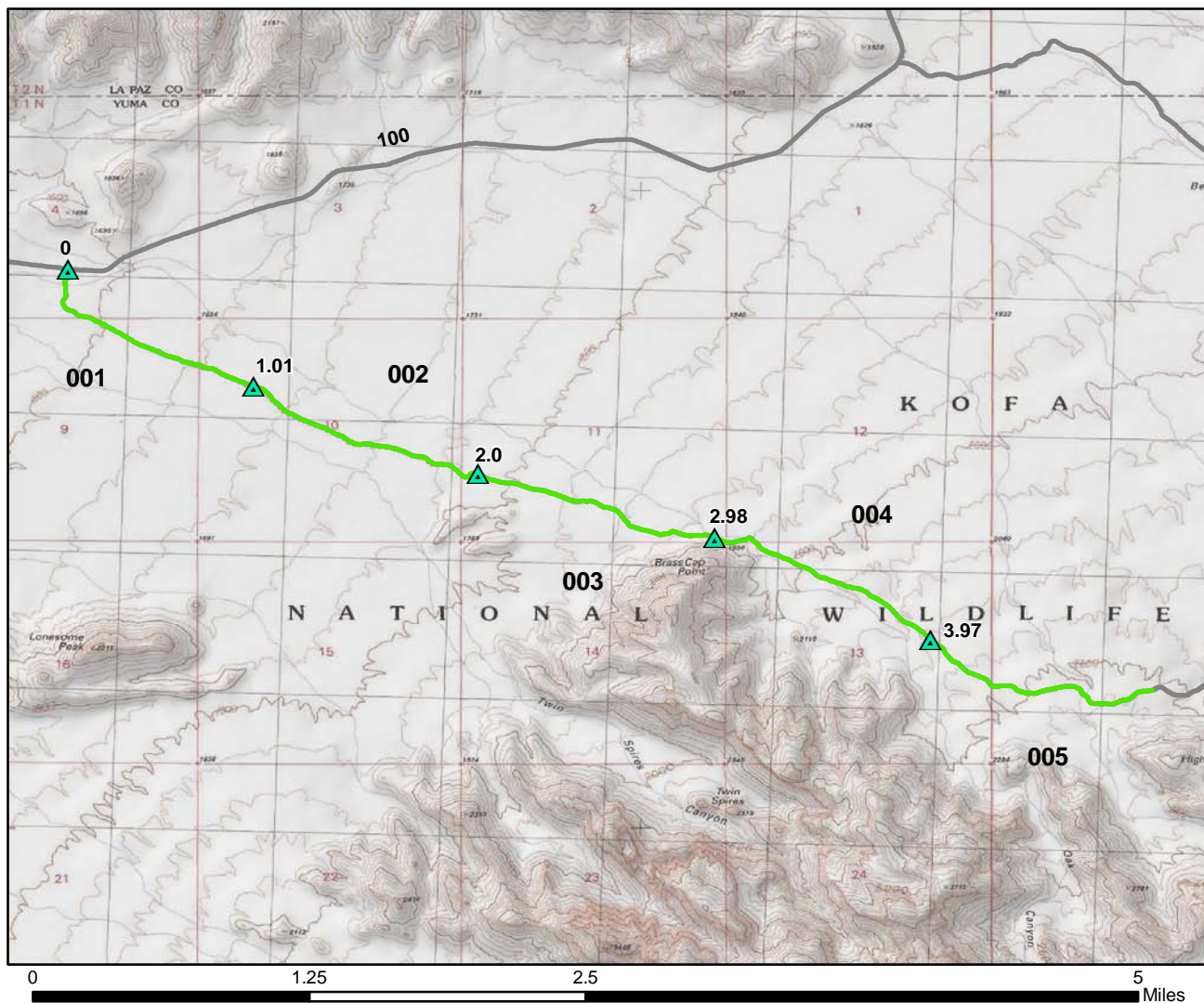
ROUTE: 222      Scotts Well Road

TOTAL LENGTH: 5 Miles

ASSET: 10009994

RTE DESCRIPTION: From Pipeline Road (Rte 227) to High Tank 6 Road (Rte 223)

Section Number	001	002	003	004	005
Section Length (miles)	1.01	0.99	1.00	0.98	1.01
Inspection Date	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	7	7	5	7	7
Cost Estimate	\$400	\$400	\$400	\$400	\$400
CRV	\$0	\$0	\$0	\$0	\$0



ROUTE: 223 High Tank Six Road

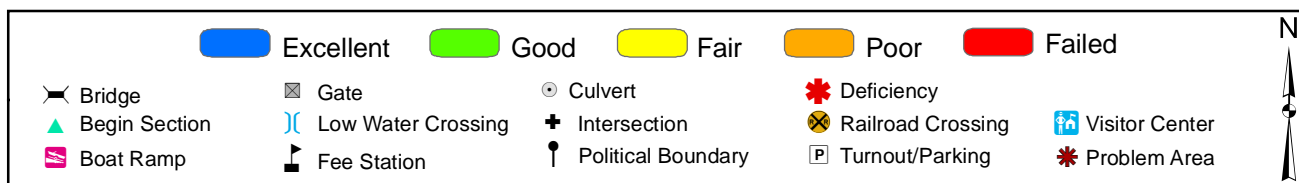
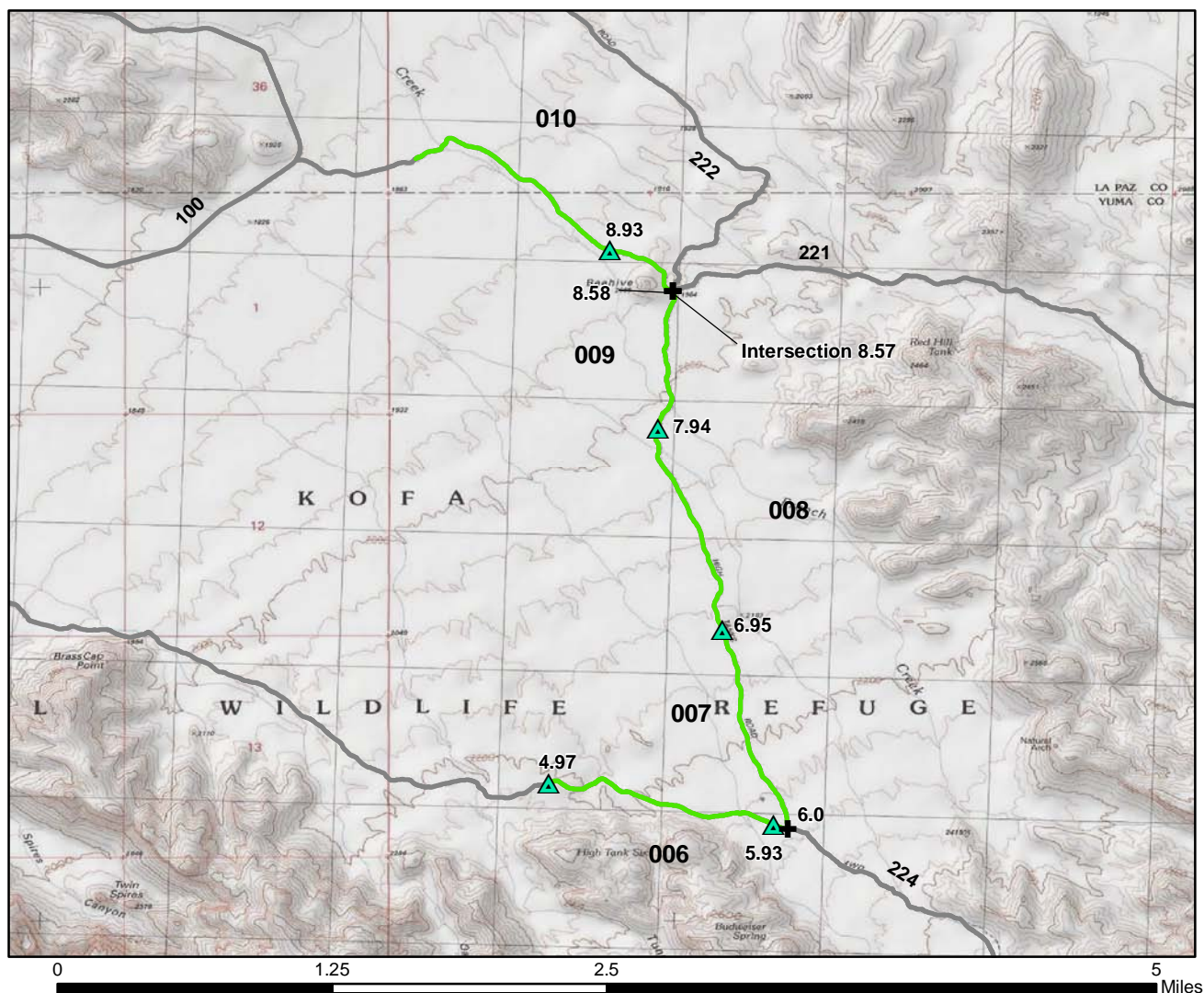
TOTAL LENGTH: 10.42 Miles

ASSET: 10009994

RTE DESCRIPTION: From MST&T Road (Rte 100) to MST&T Road

Section Number	001	002	003	004	005
Section Length (miles)	1.01	0.99	0.99	0.99	1.00
Inspection Date	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	5	5	5	5	7
Cost Estimate	\$400	\$400	\$400	\$400	\$400
CRV	\$0	\$0	\$0	\$0	\$0





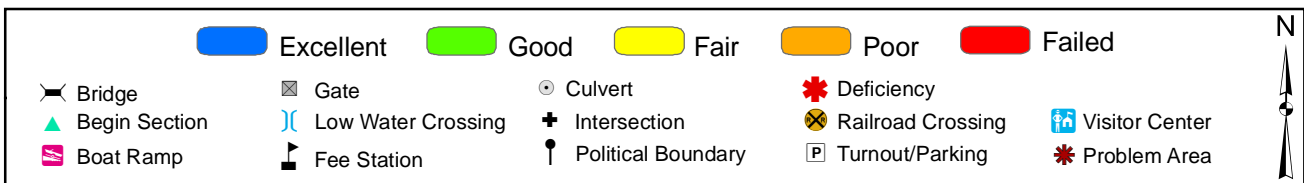
ROUTE: 223 High Tank Six Road

TOTAL LENGTH: 10.42 Miles

ASSET: 10009994

RTE DESCRIPTION: From MST&T Road (Rte 100), to MST&T Road

Section Number	006	007	008	009	010
Section Length (miles)	0.96	1.02	0.99	1.00	0.99
Inspection Date	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	7	5	5	5	7
Cost Estimate	\$400	\$400	\$400	\$400	\$400
CRV	\$0	\$0	\$0	\$0	\$0



ROUTE: 223 High Tank Six Road

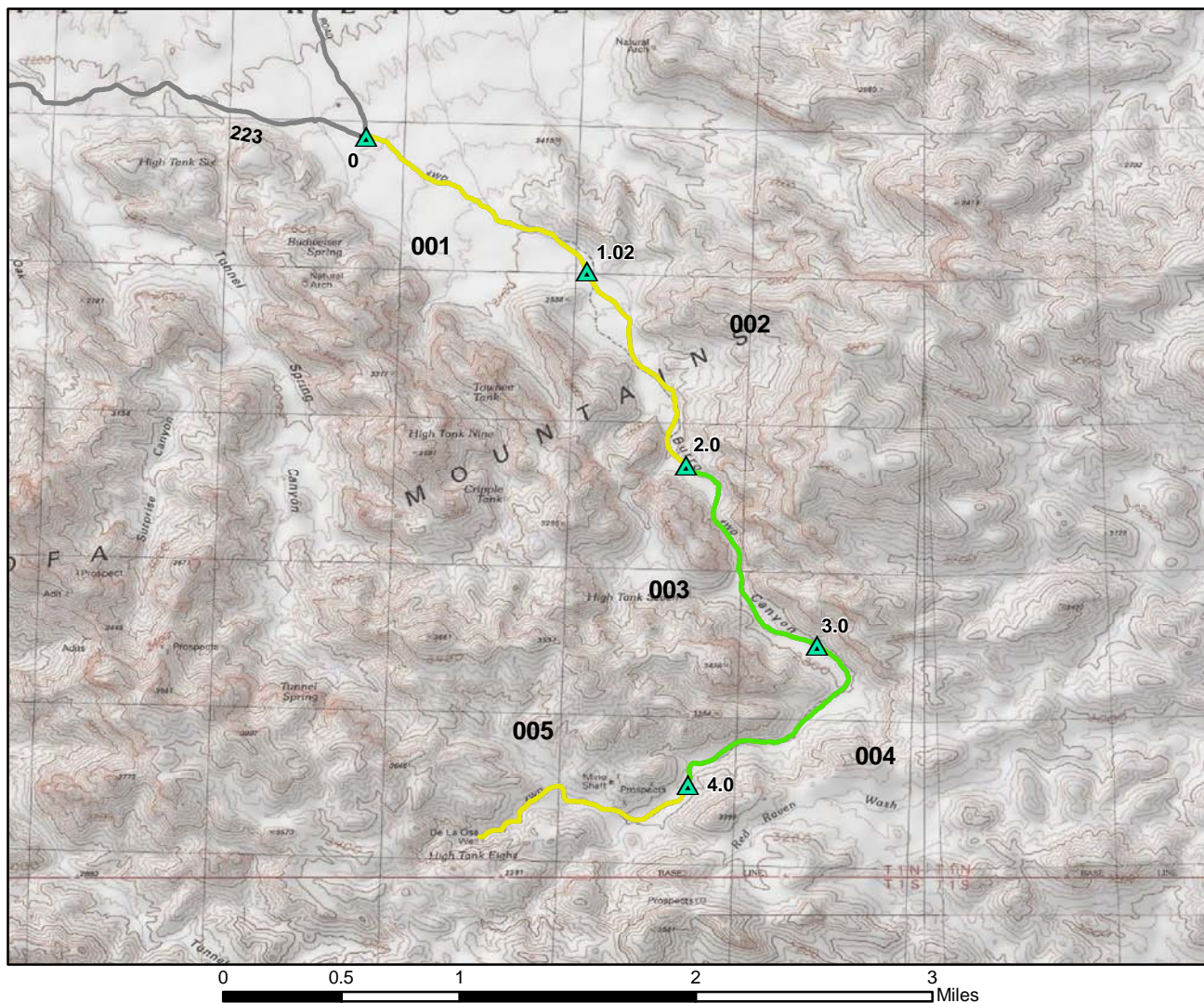
TOTAL LENGTH: 10.42 Miles

ASSET: 10009994

RTE DESCRIPTION: From MST&T Road (Rte 100), to MST&T Road

Section Number	011				
Section Length (miles)	0.50				
Inspection Date	4/7/2008				
<b>Section Information</b>					
Surface Type	Primitive				
Number of Lanes	1				
Roadway Width (feet)	8				
<b>Roadway Condition Information</b>					
Condition	Excellent				
Remaining Service Life (years)	8				
Cost Estimate	\$0				
CRV	\$0				





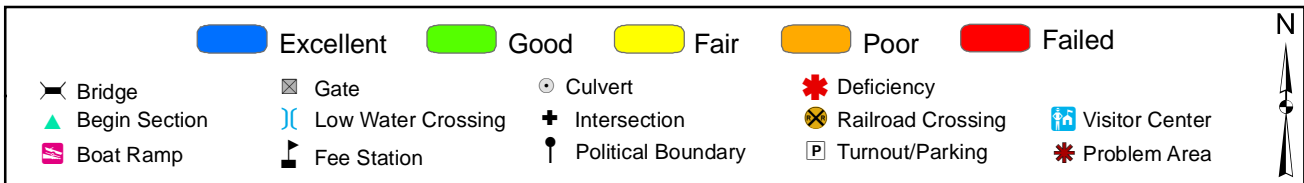
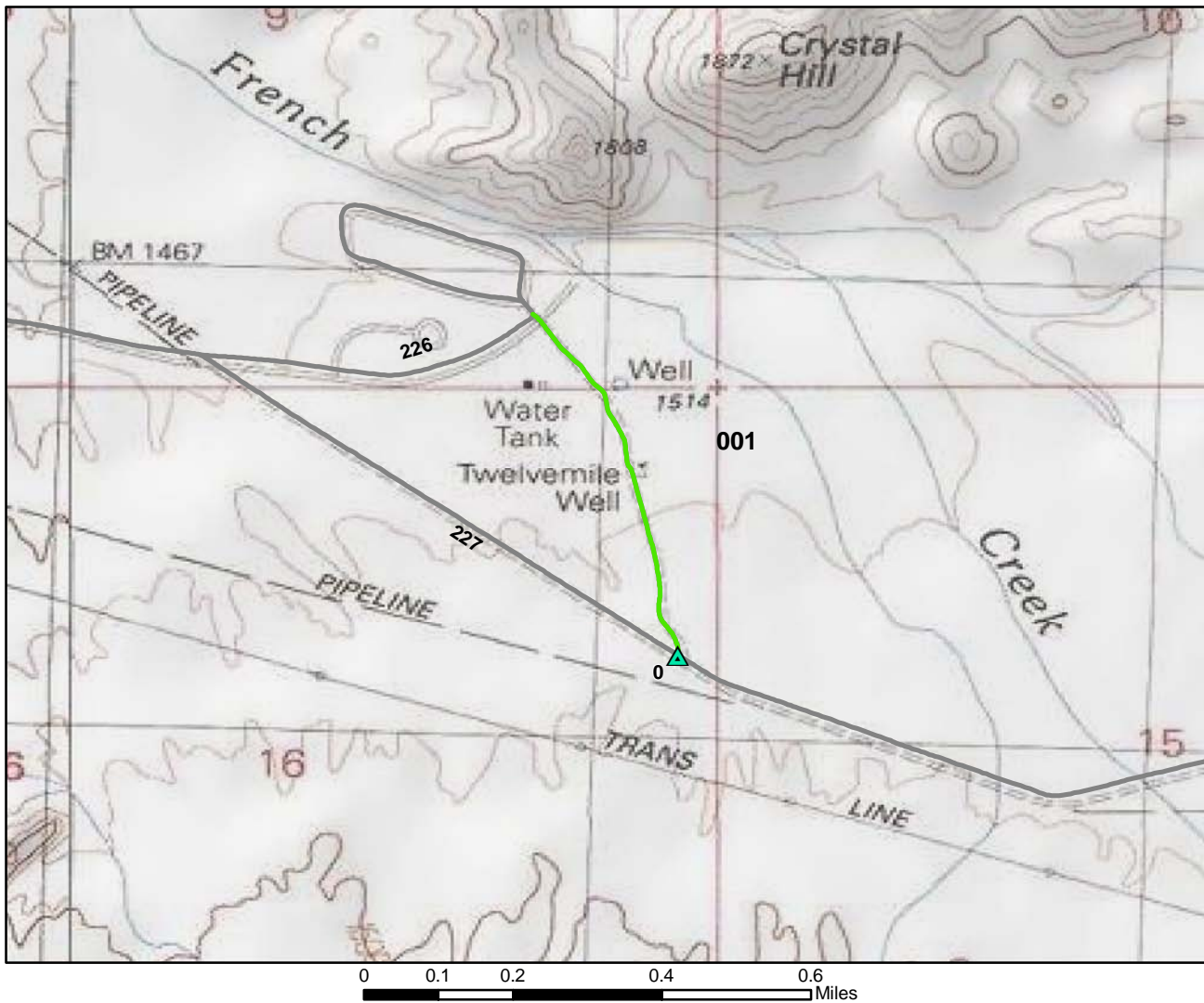
ROUTE: 224 Burro Canyon Road

TOTAL LENGTH: 5 Miles

ASSET: 10009994

RTE DESCRIPTION: From High Tank 6 Road (Rte 223), to end of route at De La Osa Well

Section Number	001	002	003	004	005
Section Length (miles)	1.03	0.98	1.00	1.00	0.99
Inspection Date	4/7/2008	4/7/2008	4/7/2008	4/7/2008	4/7/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Fair	Fair	Good	Good	Fair
Remaining Service Life (years)	3	3	7	7	3
Cost Estimate	\$700	\$700	\$400	\$400	\$700
CRV	\$0	\$0	\$0	\$0	\$0



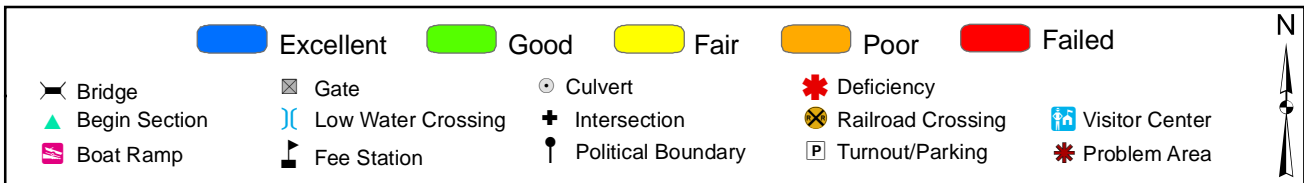
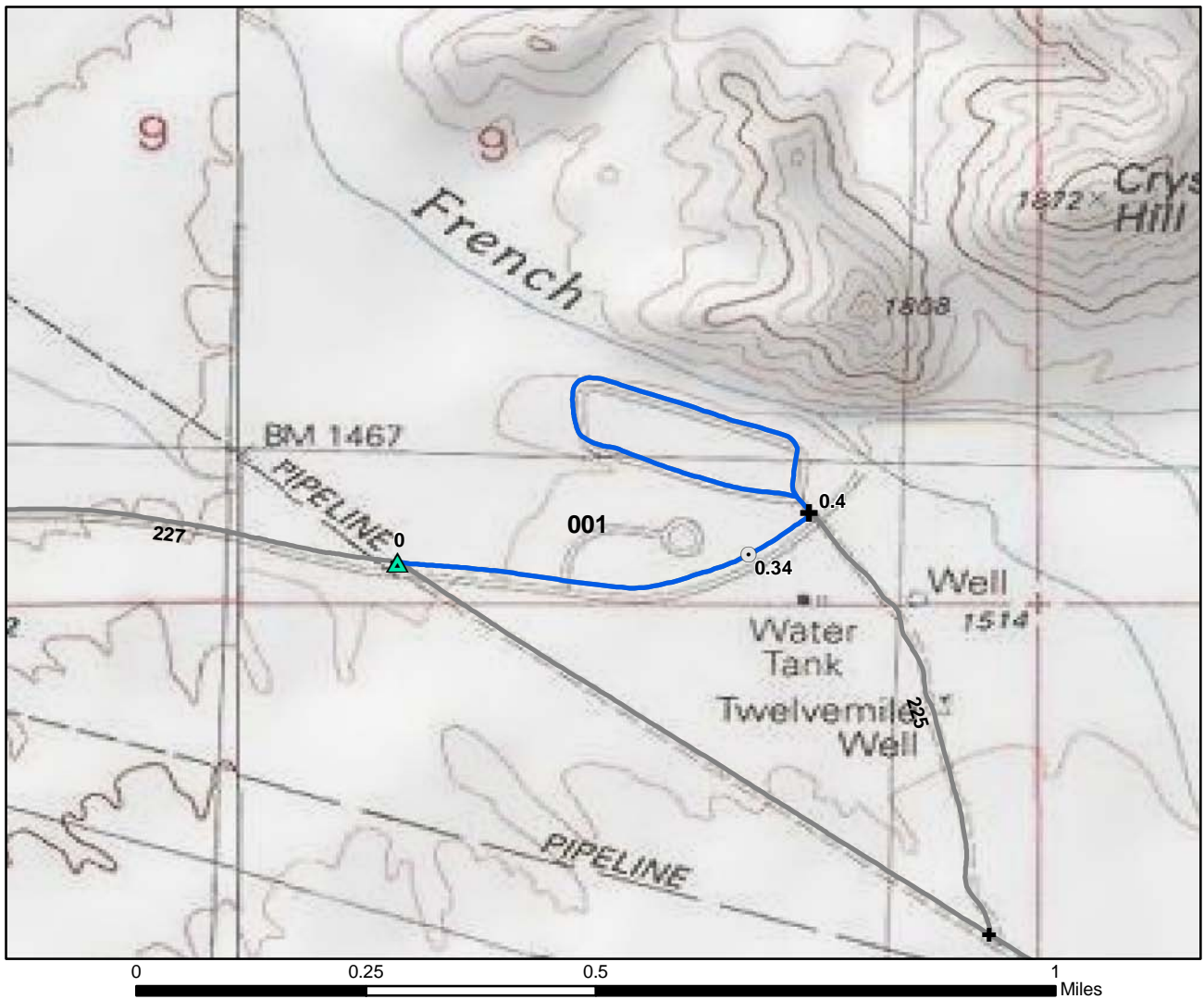
ROUTE: 225 Twelve Mile Well Road TOTAL LENGTH: 0.5 Miles

ASSET: 10009994

RTE DESCRIPTION: From Pipeline Road (Rte 227) to Crystal Hill Road (Rte 226)

Section Number	001				
Section Length (miles)	0.50				
Inspection Date	4/3/2008				
<b>Section Information</b>					
Surface Type	Native				
Number of Lanes	1				
Roadway Width (feet)	12				
<b>Roadway Condition Information</b>					
Condition	Good				
Remaining Service Life (years)	7				
Cost Estimate	\$900				
CRV	\$179600				



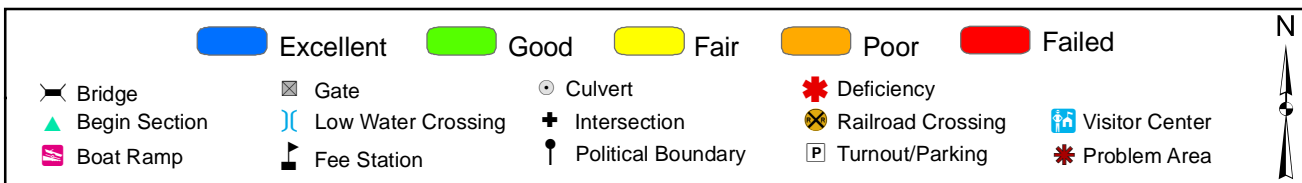
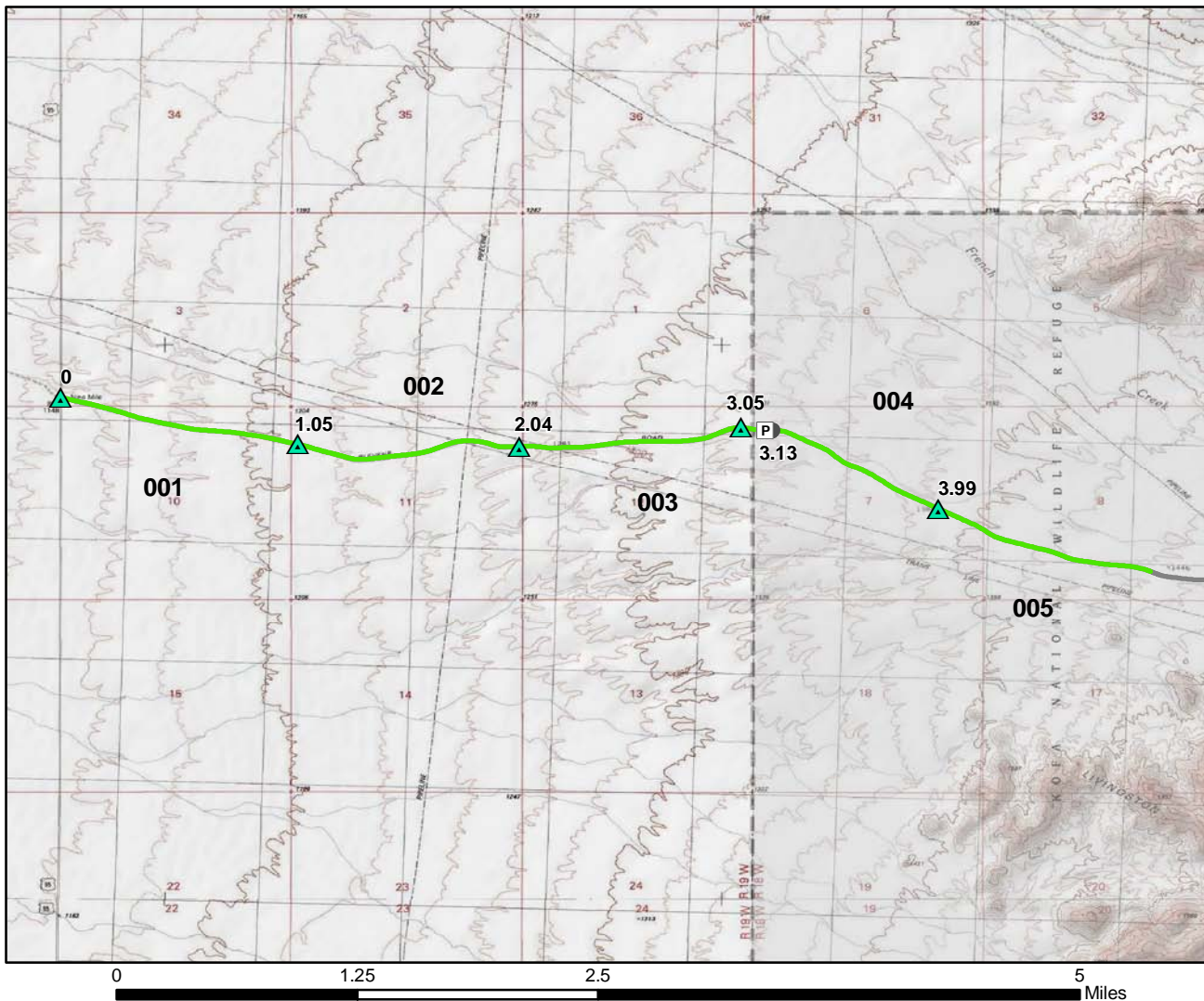


ROUTE: 226 Crystal Hill Road TOTAL LENGTH: 0.96 Miles

ASSET: 10009965

RTE DESCRIPTION: From Pipeline Road (Rte 227), to end of loop

Section Number	001				
Section Length (miles)	0.96				
Inspection Date	4/3/2008				
<b>Section Information</b>					
Surface Type	Gravel				
Number of Lanes	1				
Roadway Width (feet)	14				
<b>Roadway Condition Information</b>					
Condition	Excellent				
Remaining Service Life (years)	9				
Cost Estimate	\$0				
CRV	\$669900				



ROUTE: 227 Pipeline Road

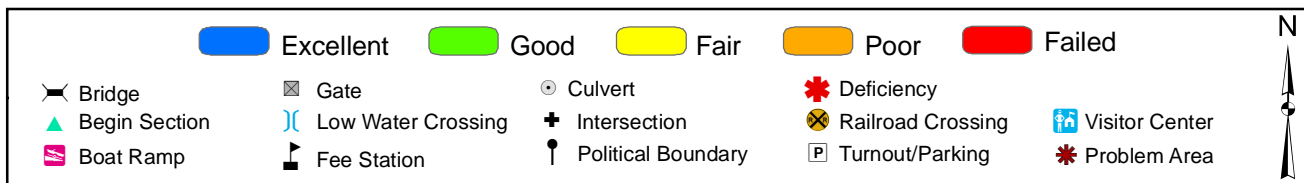
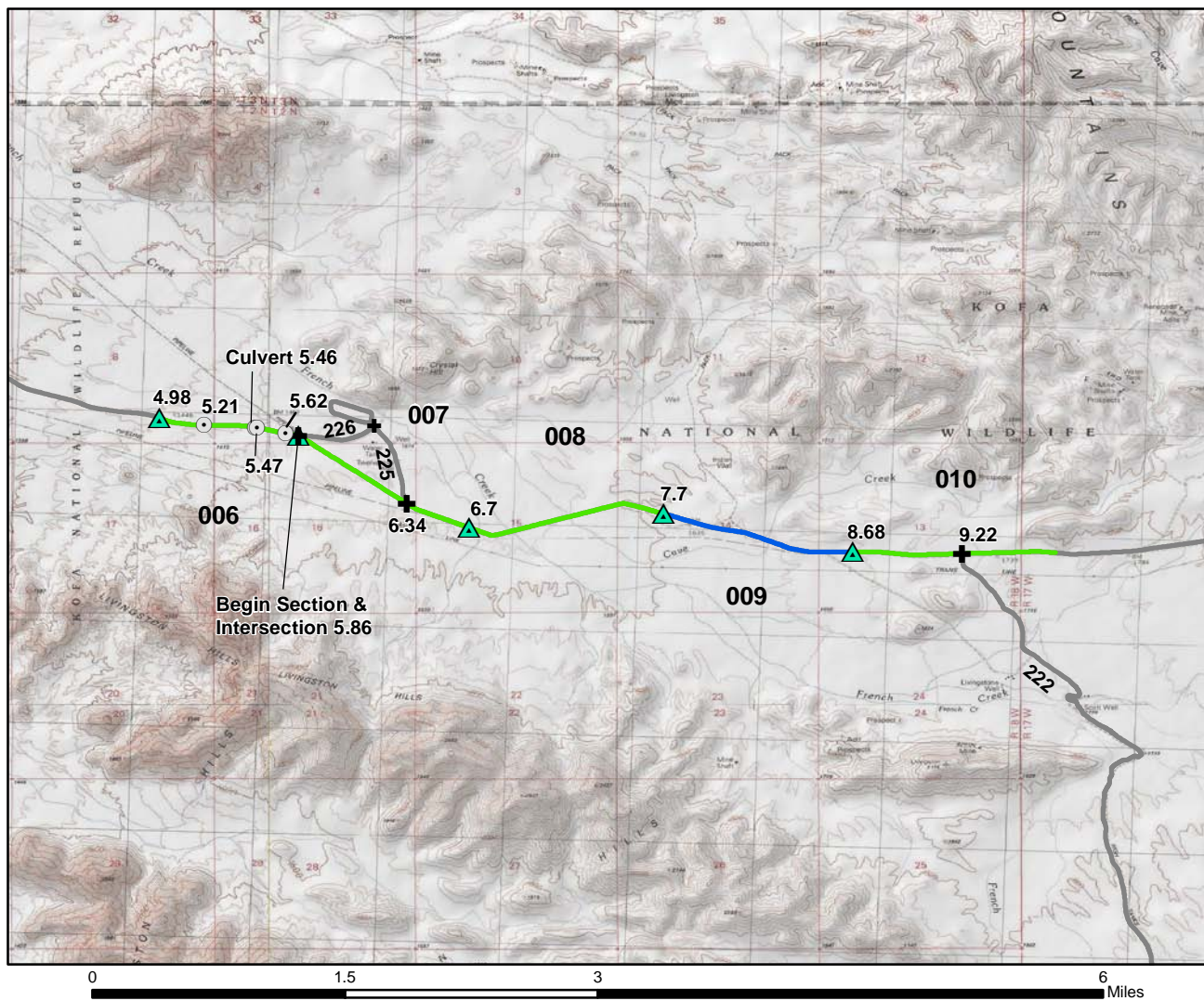
TOTAL LENGTH: 27.7 Miles

ASSET: 10009965

RTE DESCRIPTION: From US Hwy 95, to county maintained road (Jct 27)

Section Number	001	002	003	004	005
Section Length (miles)	1.06	0.99	0.98	0.97	0.99
Inspection Date	4/3/2008	4/3/2008	4/3/2008	4/3/2008	4/3/2008
<b>Section Information</b>					
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel
Number of Lanes	2	2	2	2	2
Roadway Width (feet)	20	20	20	20	20
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	5	7	7	7	7
Cost Estimate	\$1700	\$1600	\$1600	\$1600	\$1600
CRV	\$736500	\$688900	\$679300	\$675600	\$687300





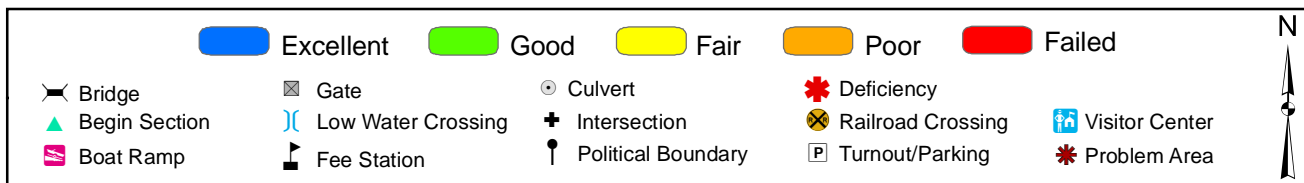
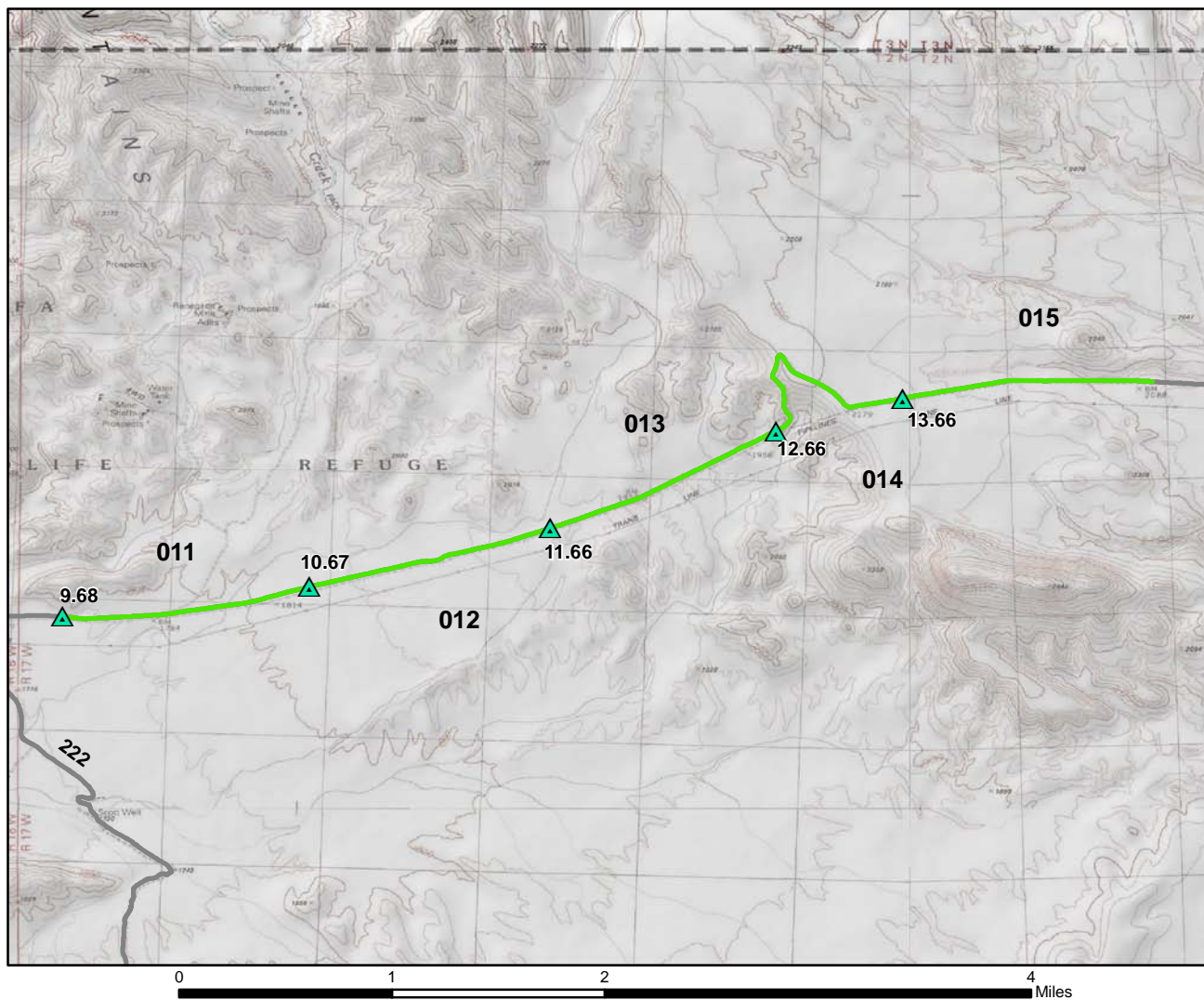
ROUTE: 227 Pipeline Road

TOTAL LENGTH: 27.7 Miles

ASSET: 10009965

RTE DESCRIPTION: From US Hwy 95, to county maintained road (Jct 27)

Section Number	006	007	008	009	010
Section Length (miles)	0.70	1.01	1.01	0.97	1.00
Inspection Date	4/3/2008	4/3/2008	4/3/2008	4/3/2008	4/3/2008
<b>Section Information</b>					
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel
Number of Lanes	2	1	2	2	2
Roadway Width (feet)	20	14	16	18	16
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Excellent	Good
Remaining Service Life (years)	7	7	5	9	7
Cost Estimate	\$1100	\$1700	\$1600	\$0	\$1600
CRV	\$487600	\$704600	\$701700	\$678000	\$698700



ROUTE: 227 Pipeline Road

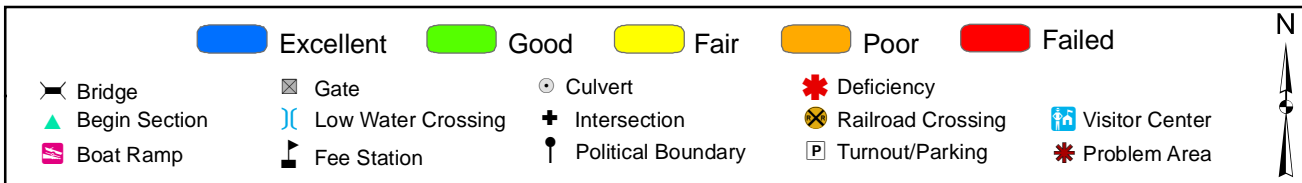
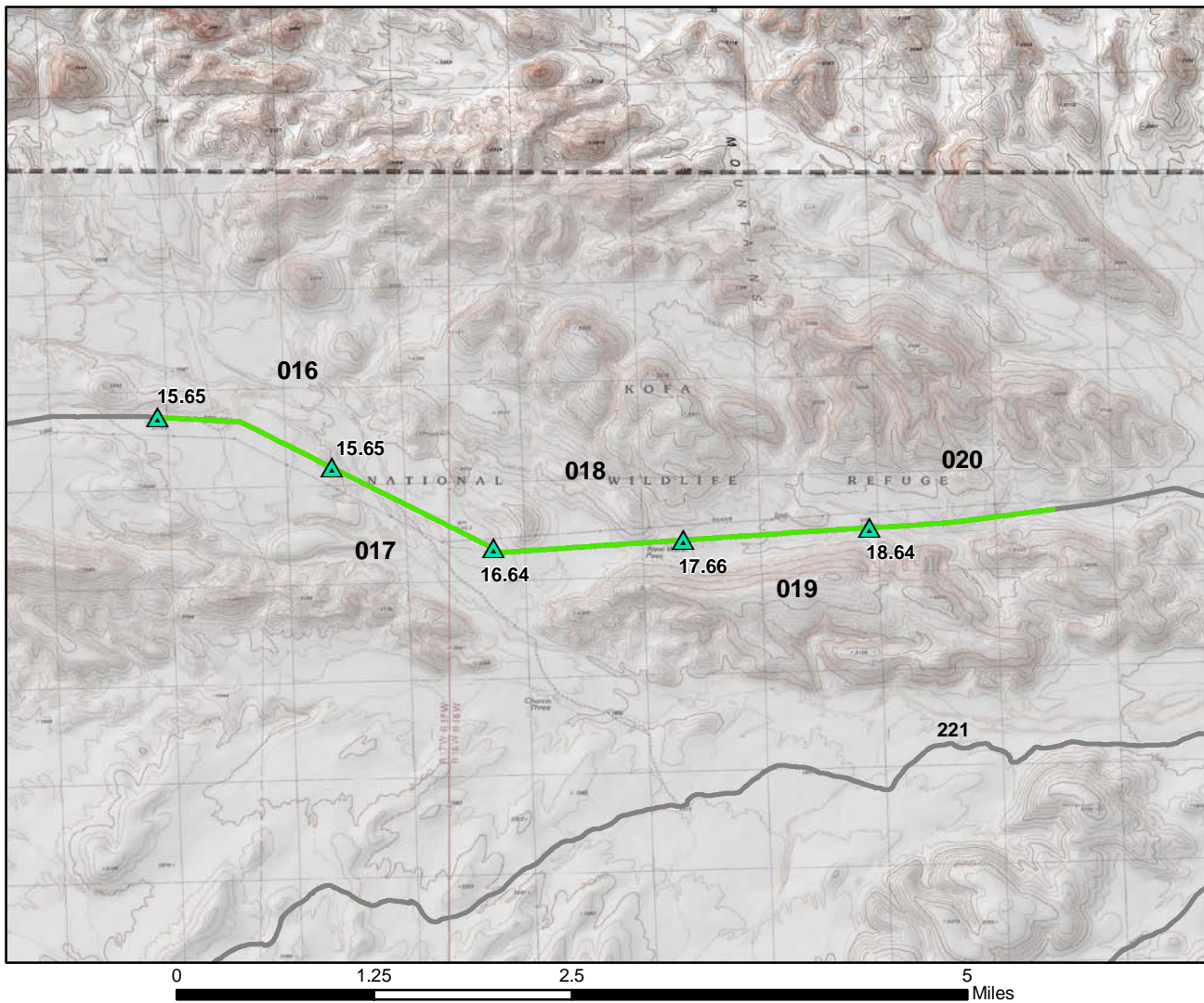
TOTAL LENGTH: 27.7 Miles

ASSET: 10009965

RTE DESCRIPTION: From US Hwy 95 to county maintained road (Jct 27)

Section Number	011	012	013	014	015
Section Length (miles)	0.99	0.99	1.00	1.00	0.99
Inspection Date	4/3/2008	4/3/2008	4/3/2008	4/3/2008	4/3/2008
<b>Section Information</b>					
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	14	14	12	12	12
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	7	7	7	7	7
Cost Estimate	\$1600	\$1600	\$1600	\$1600	\$1600
CRV	\$686000	\$688400	\$694400	\$695700	\$688900





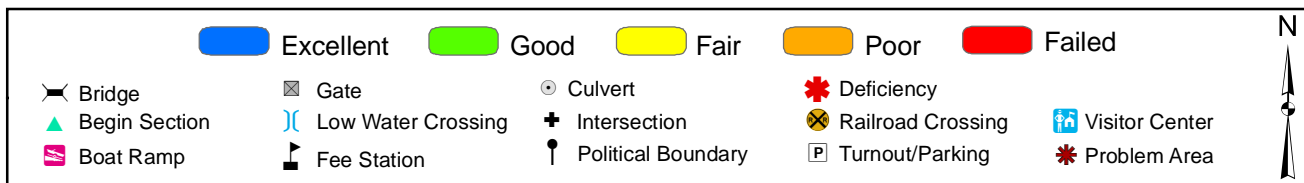
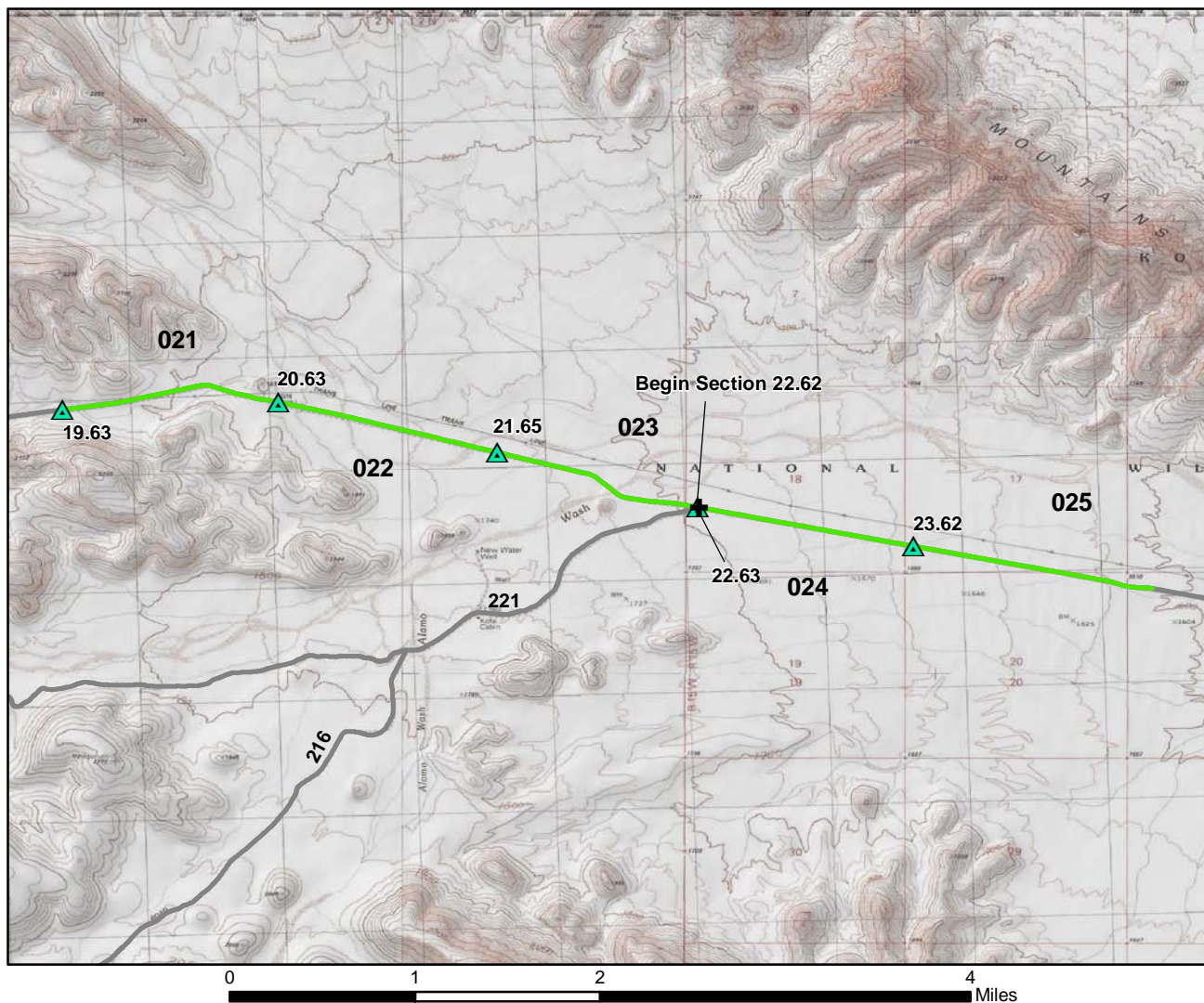
ROUTE: 227 Pipeline Road

TOTAL LENGTH: 27.7 Miles

ASSET: 10009965

RTE DESCRIPTION: From US Hwy 95, to county maintained road (Jct 27)

Section Number	016	017	018	019	020
Section Length (miles)	1.00	0.99	1.02	0.99	0.98
Inspection Date	4/3/2008	4/3/2008	4/3/2008	4/3/2008	4/3/2008
<b>Section Information</b>					
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	12	12	12	12	12
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	7	7	7	7	7
Cost Estimate	\$1600	\$1600	\$1700	\$1600	\$1600
CRV	\$696800	\$691400	\$706100	\$685900	\$682500



ROUTE: 227 Pipeline Road

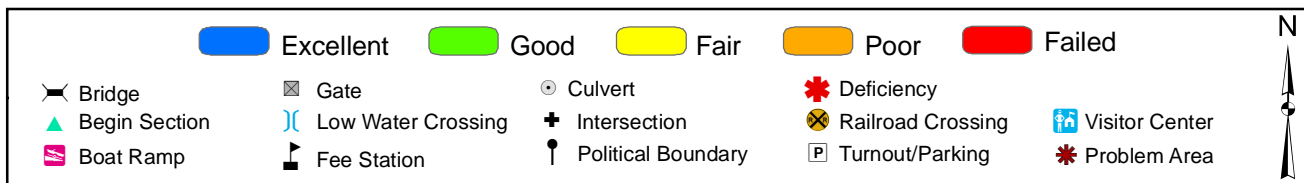
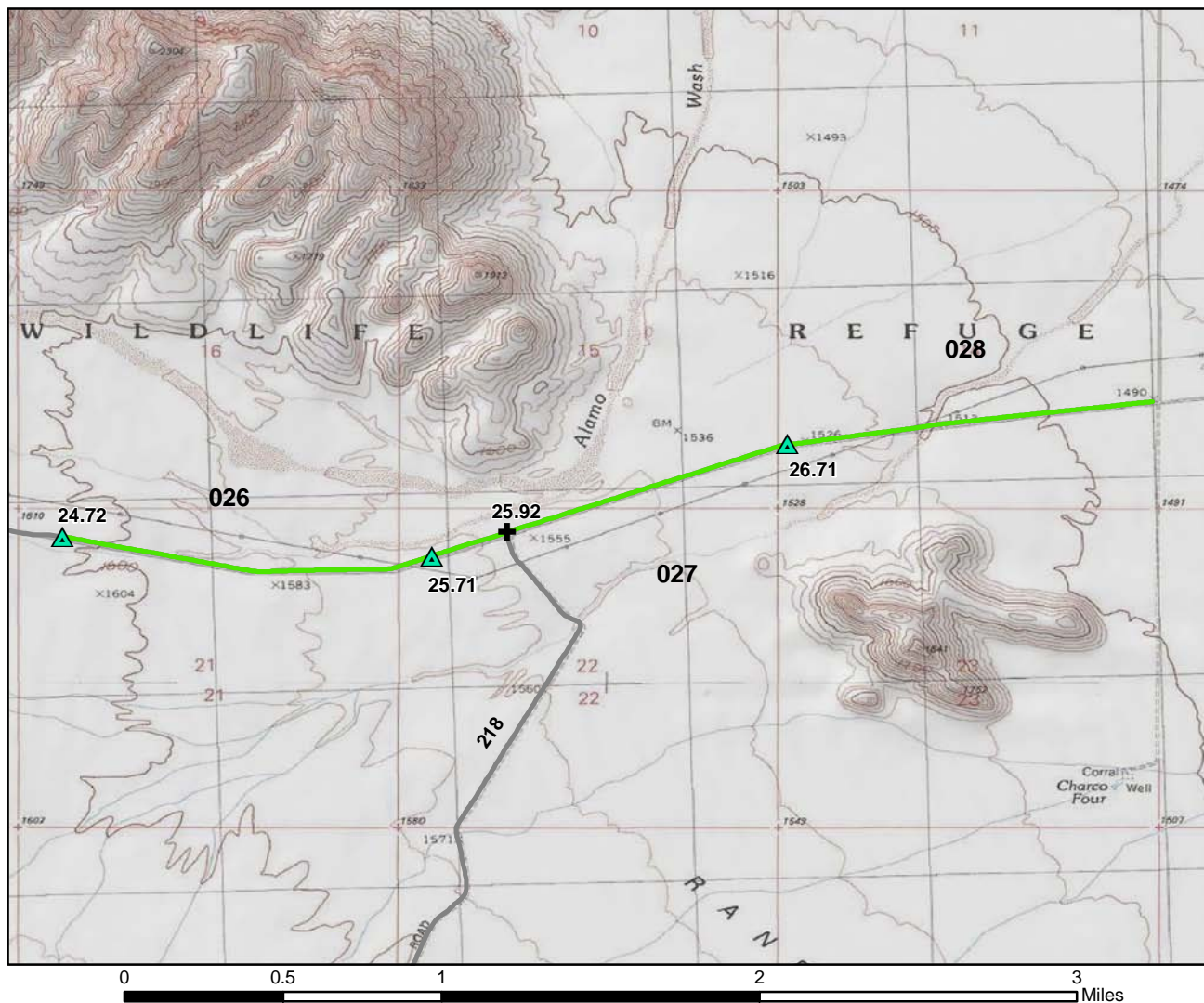
TOTAL LENGTH: 27.7 Miles

ASSET: 10009965

RTE DESCRIPTION: From US Hwy 95, to county maintained road (Jct 27)

Section Number	021	022	023	024	025
Section Length (miles)	1.00	1.02	0.97	1.00	1.10
Inspection Date	4/3/2008	4/3/2008	4/3/2008	4/3/2008	4/3/2008
<b>Section Information</b>					
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	10	10	12	12	12
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	Good
Remaining Service Life (years)	7	7	7	7	7
Cost Estimate	\$1600	\$1700	\$1600	\$1600	\$1800
CRV	\$698000	\$712100	\$674100	\$693700	\$766900





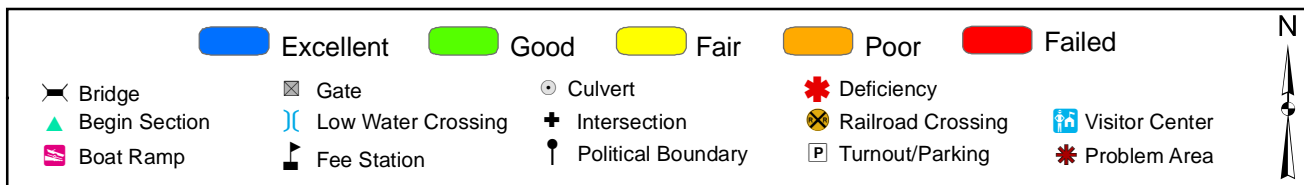
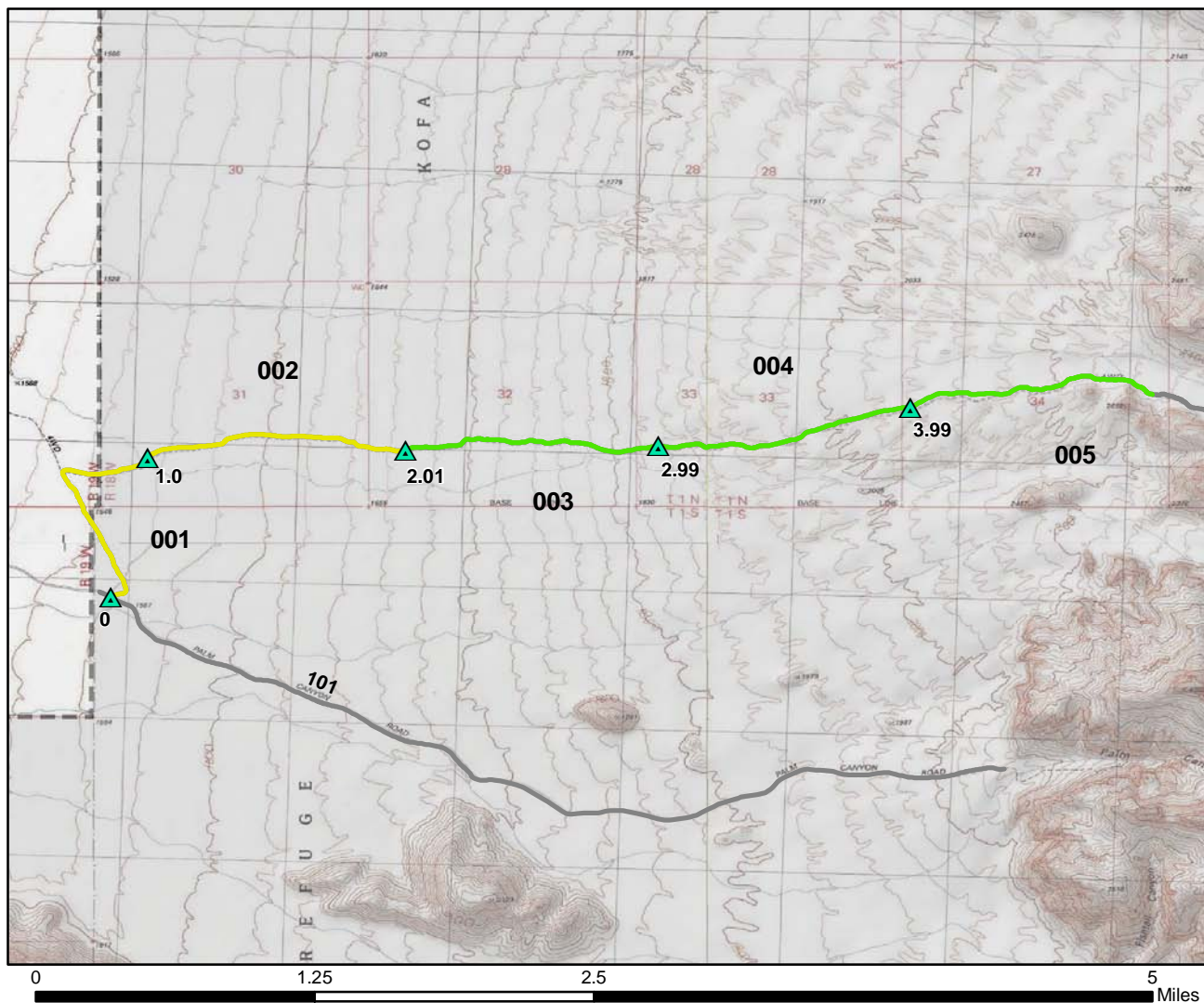
ROUTE: 227 Pipeline Road

TOTAL LENGTH: 27.7 Miles

ASSET: 10009965

RTE DESCRIPTION: From US Hwy 95, to county maintained road (Jct 27)

Section Number	026	027	028		
Section Length (miles)	0.99	1.00	0.97		
Inspection Date	4/3/2008	4/3/2008	4/3/2008		
<b>Section Information</b>					
Surface Type	Gravel	Gravel	Gravel		
Number of Lanes	1	2	2		
Roadway Width (feet)	14	18	20		
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good		
Remaining Service Life (years)	7	7	7		
Cost Estimate	\$1600	\$1600	\$1600		
CRV	\$689300	\$696400	\$675200		



ROUTE: 228 Kofa Queen Canyon Road

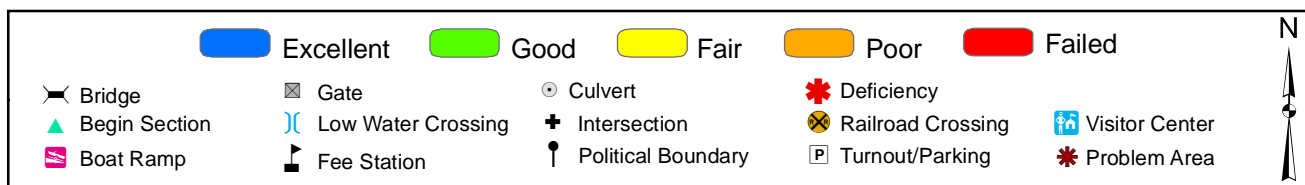
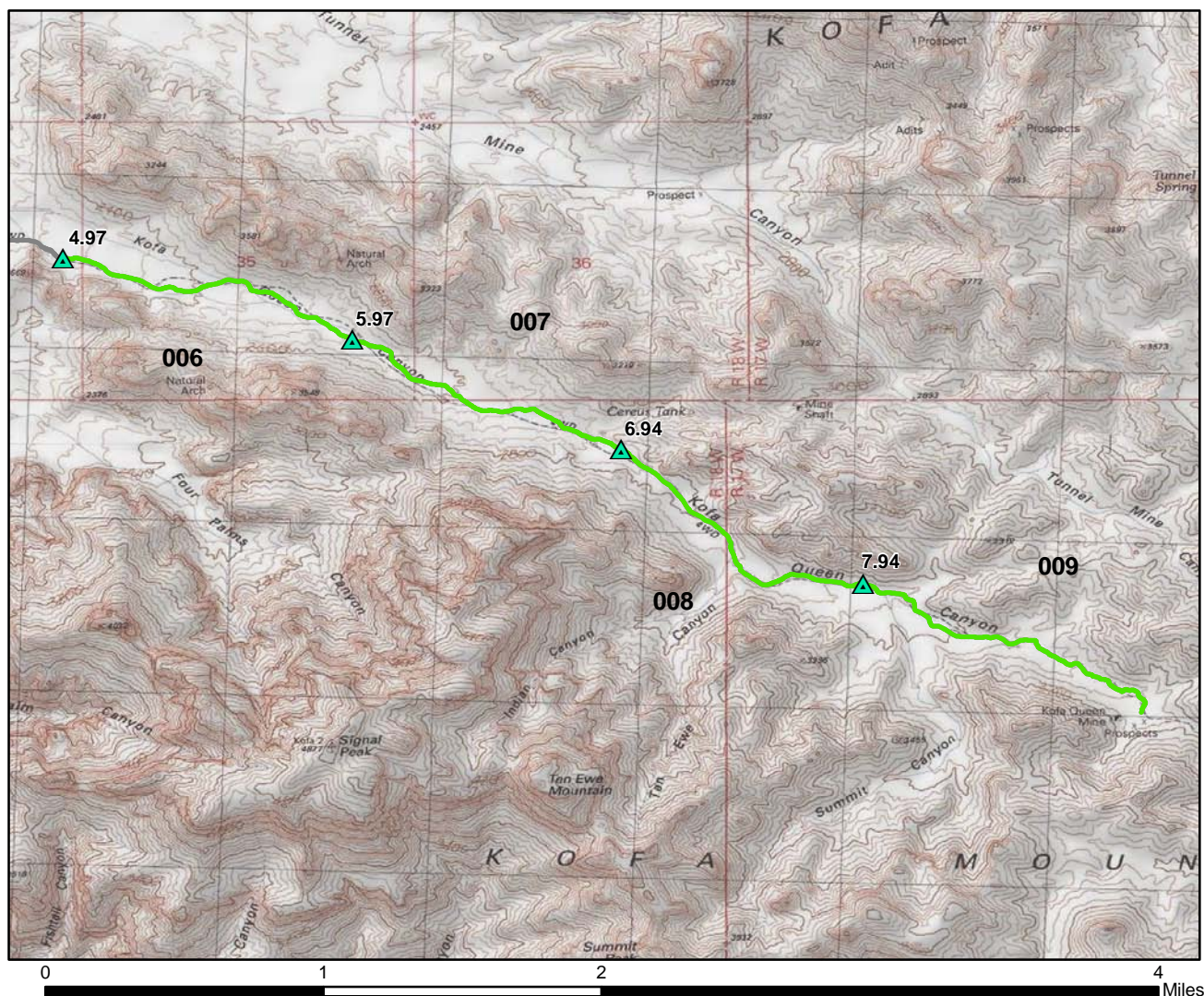
TOTAL LENGTH: 9.05 Miles

ASSET: 10009994

RTE DESCRIPTION: From Palm Canyon Road (Rte 101), to end of route

Section Number	001	002	003	004	005
Section Length (miles)	1.00	1.01	0.99	0.99	0.98
Inspection Date	4/4/2008	4/4/2008	4/4/2008	4/4/2008	4/4/2008
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	Primitive
Number of Lanes	1	1	1	1	1
Roadway Width (feet)	8	8	8	8	8
<b>Roadway Condition Information</b>					
Condition	Fair	Fair	Good	Good	Good
Remaining Service Life (years)	3	3	5	5	5
Cost Estimate	\$700	\$700	\$400	\$400	\$400
CRV	\$0	\$0	\$0	\$0	\$0





ROUTE: 228 Kofa Queen Canyon Road

TOTAL LENGTH: 9.05 Miles

ASSET: 10009994

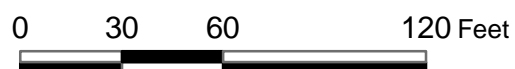
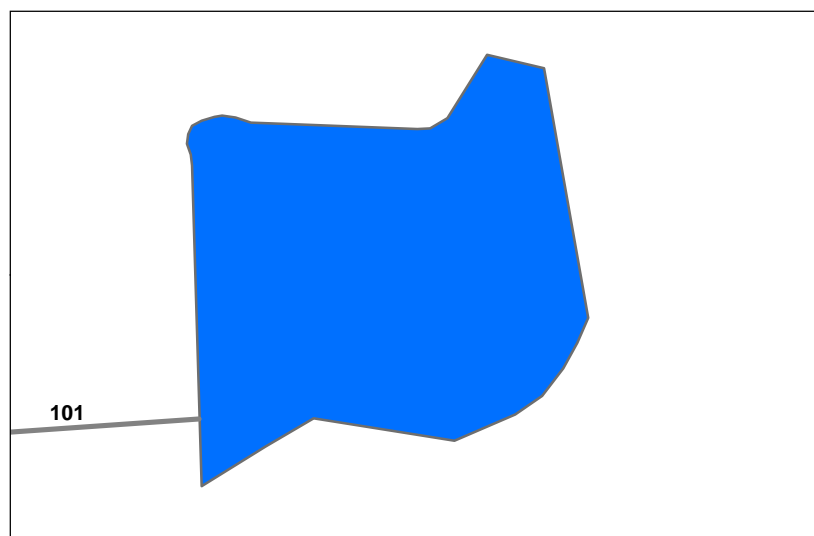
RTE DESCRIPTION: From Palm Canyon Road (Rte 101), to end of route

Section Number	006	007	008	009	
Section Length (miles)	1.00	0.97	1.00	1.11	
Inspection Date	4/4/2008	4/4/2008	4/4/2008	4/4/2008	
<b>Section Information</b>					
Surface Type	Primitive	Primitive	Primitive	Primitive	
Number of Lanes	1	1	1	1	
Roadway Width (feet)	8	8	8	8	
<b>Roadway Condition Information</b>					
Condition	Good	Good	Good	Good	
Remaining Service Life (years)	5	5	5	5	
Cost Estimate	\$400	\$400	\$400	\$500	
CRV	\$0	\$0	\$0	\$0	

# Kofa

## Route 900: Palm Canyon Parking Area

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
	4/4/2008	Gravel	8819	Excellent	\$0

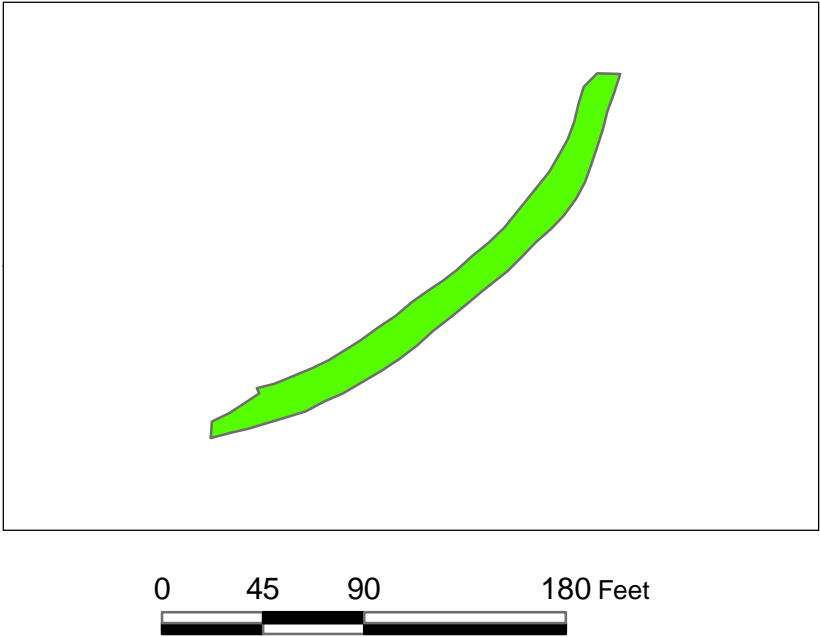




Kofa

Route 902: Castle Dome Entrance Parking

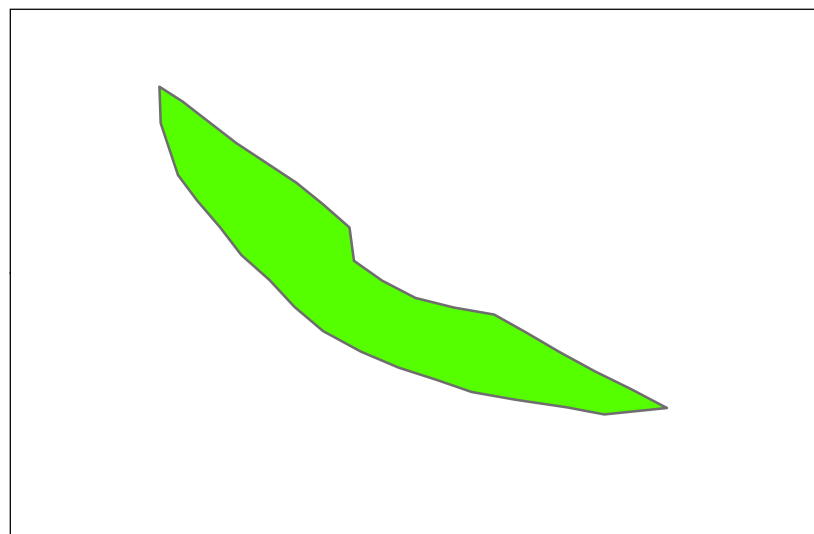
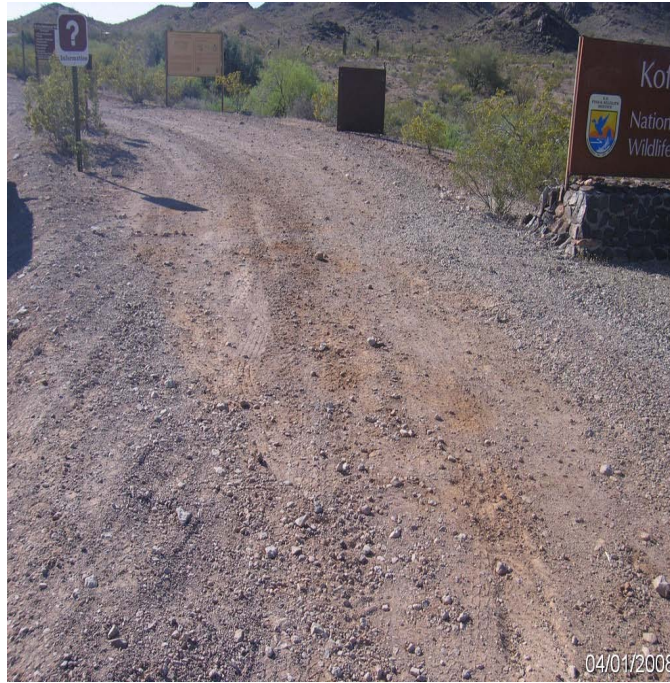
Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10009995	4/1/2008	Gravel	3067	Good	\$500



# Kofa

## Route 903: King Road Entrance Parking

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10009994	4/2/2008	Native	1598	Good	\$200



0 25 50 100 Feet

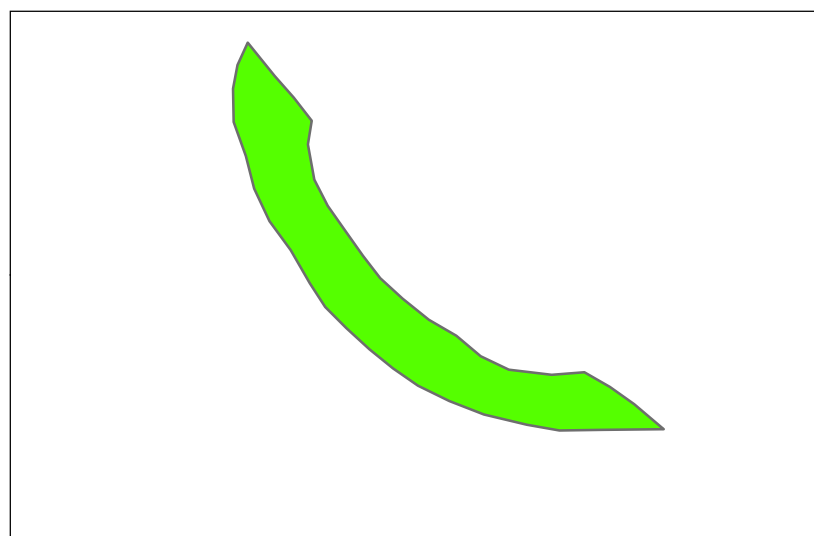




# Kofa

## Route 904: King Road Kiosk

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10009994	4/2/2008	Gravel	2022	Good	\$300



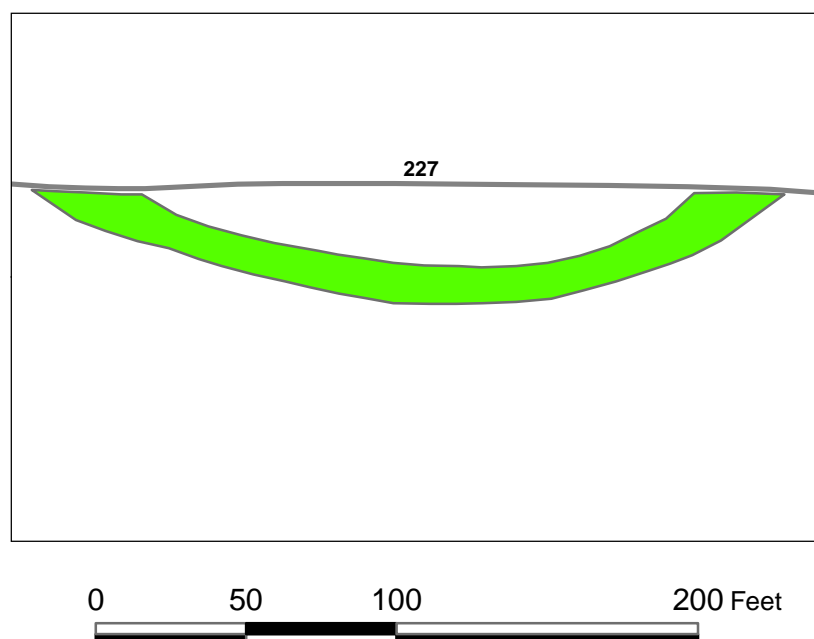
0 30 60 120 Feet



# Kofa

## Route 905: Pipeline Entrance Parking

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10009994	4/3/2008	Native	2529	Good	\$400

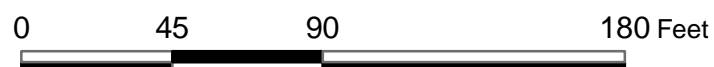
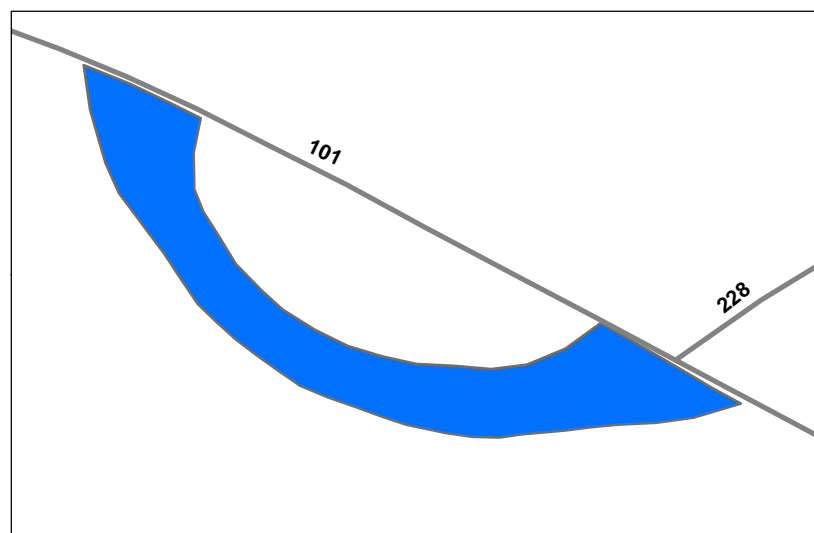




# Kofa

## Route 906: Palm Canyon Entrance Parking

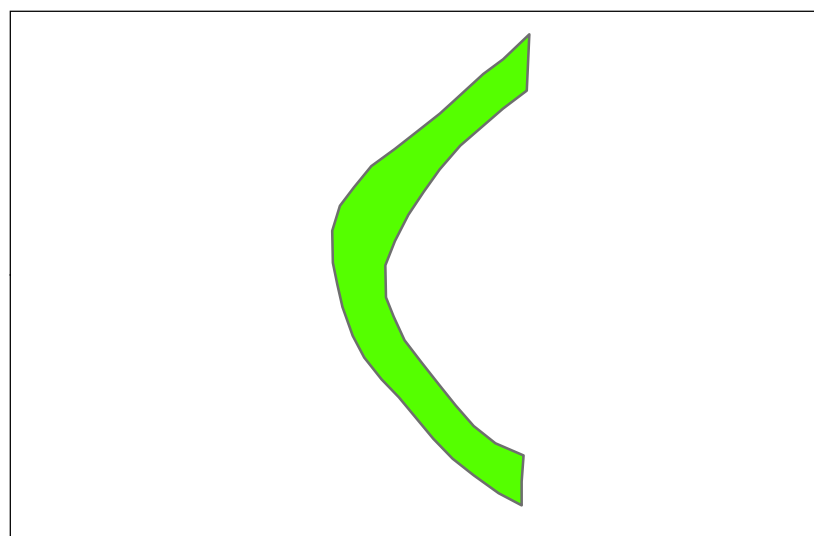
Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10009964	4/4/2008	Gravel	3763	Excellent	\$0



# Kofa

## Route 908: Vicksburg Road Entrance Parking

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
	4/8/2008	Gravel	1824	Good	\$300

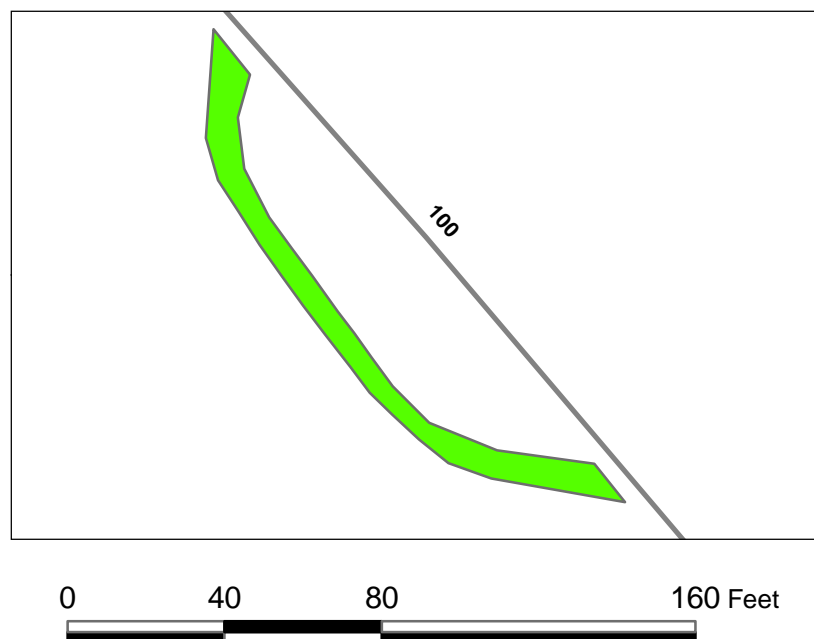




# Kofa

## Route 909: MST&T Road

Asset Number	Date Visited	Surface Type	Area (sq ft)	Condition	Cost to Improve
10009994	4/7/2008	Gravel	950	Good	\$100



Rte #	Milepost	NBIS #	Sufficiency Rating	Functionally Obsolete	Structurally Deficient
No bridges to report					



# FEATURES PHOTOGRAPHS

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3009 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3011 - MP 1.36 - Culvert Deficiency

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3012 - MP 1.36 - Culvert Deficiency



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3020 - MP 2.99 - Culvert Deficiency

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3021 - MP 2.99 - Culvert Deficiency

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3038 - MP 3.48 - Culvert Deficiency



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3039 - MP 3.48 - Culvert Deficiency

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3049 - MP 4.15 - Culvert Deficiency

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3050 - MP 4.15 - Culvert Deficiency



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3077 - MP 6.14 - Begin Section 007

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3080 - MP 6.53 - Begin Section 008

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3081 - MP 6.64 - Culvert Deficiency



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3082 - MP 6.64 - Culvert Deficiency

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3090 - MP 7.11 - Culvert Deficiency

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3091 - MP 7.11 - Culvert Deficiency



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3092 - MP 7.13 - Culvert Deficiency

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3093 - MP 7.13 - Culvert Deficiency

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3094 - MP 7.17 - Culvert Deficiency



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3095 - MP 7.17 - Culvert Deficiency

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3097 - MP 7.51 - Begin Section 009

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3098 - MP 7.56 - Culvert Deficiency



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 100 ROUTE NAME: MST&T Road



Photo # 3099 - MP 7.56 - Culvert Deficiency

ROUTE NUMBER: 101 ROUTE NAME: Palm Canyon Road



Photo # 2855 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 101 ROUTE NAME: Palm Canyon Road



Photo # 2886 - MP 0.88 - Culvert Deficiency



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 101 ROUTE NAME: Palm Canyon Road



Photo # 2887 - MP 0.88 - Culvert Deficiency

ROUTE NUMBER: 101 ROUTE NAME: Palm Canyon Road



Photo # 2856 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 101 ROUTE NAME: Palm Canyon Road



Photo # 2857 - MP 1.99 - Begin Section 003

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 101 ROUTE NAME: Palm Canyon Road



Photo # 2858 - MP 2.99 - Begin Section 004

ROUTE NUMBER: 102 ROUTE NAME: King Road



Photo # 2808 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 102 ROUTE NAME: King Road



Photo # 2809 - MP 1.08 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2726 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2727 - MP 1.00 - Begin Section 002

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2728 - MP 2.00 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2729 - MP 3.00 - Begin Section 004

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2730 - MP 3.99 - Begin Section 005

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2731 - MP 4.98 - Begin Section 006



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2732 - MP 5.98 - Begin Section 007

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2733 - MP 6.98 - Begin Section 008

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2734 - MP 7.96 - Begin Section 009



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2735 - MP 8.95 - Begin Section 010

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2736 - MP 9.94 - Begin Section 011

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2737 - MP 10.94 - Begin Section 012



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2738 - MP 11.93 - Begin Section 013

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2739 - MP 12.92 - Begin Section 014

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2740 - MP 13.90 - Begin Section 015

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2741 - MP 14.89 - Begin Section 016

ROUTE NUMBER: 200 ROUTE NAME: Big Eye Mine Road



Photo # 2742 - MP 15.32 - Problem Area

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2743 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2744 - MP 1.00 - Begin Section 002

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2745 - MP 1.99 - Begin Section 003

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2746 - MP 2.99 - Begin Section 004

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2747 - MP 3.98 - Begin Section 005

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2748 - MP 4.97 - Begin Section 006

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2749 - MP 5.96 - Begin Section 007



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2750 - MP 6.94 - Begin Section 008

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2751 - MP 7.93 - Begin Section 009

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2752 - MP 8.94 - Begin Section 010

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2753 - MP 9.93 - Begin Section 011

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2754 - MP 10.93 - Begin Section 012

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2755 - MP 11.93 - Begin Section 013



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2756 - MP 12.92 - Begin Section 014

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2757 - MP 13.92 - Begin Section 015

ROUTE NUMBER: 201 ROUTE NAME: McPherson Pass Road



Photo # 2758 - MP 14.92 - Begin Section 016

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 202 ROUTE NAME: Horse Tank Road



Photo # 2774 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 202 ROUTE NAME: Horse Tank Road



Photo # 2775 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 202 ROUTE NAME: Horse Tank Road



Photo # 2776 - MP 2.00 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 203 ROUTE NAME: Junction 76 Road



Photo # 2759 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 203 ROUTE NAME: Junction 76 Road



Photo # 2760 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 203 ROUTE NAME: Junction 76 Road



Photo # 2761 - MP 1.99 - Begin Section 003

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 203 ROUTE NAME: Junction 76 Road



Photo # 2762 - MP 2.99 - Begin Section 004

ROUTE NUMBER: 203 ROUTE NAME: Junction 76 Road



Photo # 2770 - MP 4.07 - Begin Section 005

ROUTE NUMBER: 203 ROUTE NAME: Junction 76 Road



Photo # 2771 - MP 5.07 - Begin Section 006



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 204 ROUTE NAME: Little White Tanks Road



Photo # 2763 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 204 ROUTE NAME: Little White Tanks Road



Photo # 2764 - MP 1.04 - Begin Section 002

ROUTE NUMBER: 204 ROUTE NAME: Little White Tanks Road



Photo # 2766 - MP 2.02 - Begin Section 003

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 204 ROUTE NAME: Little White Tanks Road



Photo # 2767 - MP 3.05 - Begin Section 004

ROUTE NUMBER: 204 ROUTE NAME: Little White Tanks Road



Photo # 2768 - MP 4.00 - Begin Section 005

ROUTE NUMBER: 205 ROUTE NAME: Figueroa Tank Road



Photo # 2769 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 206 ROUTE NAME: Adams Well Road



Photo # 2777 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 206 ROUTE NAME: Adams Well Road



Photo # 2778 - MP 1.02 - Begin Section 002

ROUTE NUMBER: 206 ROUTE NAME: Adams Well Road



Photo # 2779 - MP 2.01 - Begin Section 003

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 206 ROUTE NAME: Adams Well Road



Photo # 2780 - MP 3.01 - Begin Section 004

ROUTE NUMBER: 206 ROUTE NAME: Adams Well Road



Photo # 2781 - MP 4.01 - Begin Section 005

ROUTE NUMBER: 206 ROUTE NAME: Adams Well Road



Photo # 2782 - MP 5.00 - Begin Section 006



# FEATURES PHOTOGRAPHS

ROUTE NUMBER: 206 ROUTE NAME: Adams Well Road



Photo # 2783 - MP 6.00 - Begin Section 007

ROUTE NUMBER: 206 ROUTE NAME: Adams Well Road



Photo # 2784 - MP 7.00 - Begin Section 008

ROUTE NUMBER: 206 ROUTE NAME: Adams Well Road



Photo # 2785 - MP 7.89 - Begin Section 009



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 206 ROUTE NAME: Adams Well Road



Photo # 2786 - MP 8.96 - Begin Section 010

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2787 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2788 - MP 1.03 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2789 - MP 2.01 - Begin Section 003

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2790 - MP 3.01 - Begin Section 004

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2791 - MP 4.01 - Begin Section 005

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2792 - MP 5.00 - Begin Section 006

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2793 - MP 6.00 - Begin Section 007

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2794 - MP 7.00 - Begin Section 008



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2795 - MP 7.98 - Begin Section 009

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2796 - MP 9.00 - Begin Section 010

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2797 - MP 9.99 - Begin Section 011



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2798 - MP 10.99 - Begin Section 012

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2799 - MP 11.99 - Begin Section 013

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2800 - MP 12.99 - Begin Section 014



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 207 ROUTE NAME: Chain Tank Road



Photo # 2801 - MP 13.99 - Begin Section 015

ROUTE NUMBER: 208 ROUTE NAME: Junction 63 Road



Photo # 2802 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 208 ROUTE NAME: Junction 63 Road



Photo # 2803 - MP 1.02 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 208 ROUTE NAME: Junction 63 Road



Photo # 2804 - MP 2.02 - Begin Section 003

ROUTE NUMBER: 208 ROUTE NAME: Junction 63 Road



Photo # 2805 - MP 2.98 - Begin Section 004

ROUTE NUMBER: 209 ROUTE NAME: Junction 65 Road



Photo # 2806 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 209 ROUTE NAME: Junction 65 Road



Photo # 2807 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 210 ROUTE NAME: Kofa Dam Road



Photo # 2810 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 210 ROUTE NAME: Kofa Dam Road



Photo # 2811 - MP 1.02 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2899 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2900 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2901 - MP 2.02 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2902 - MP 3.02 - Begin Section 004

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2903 - MP 4.00 - Begin Section 005

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2904 - MP 5.00 - Begin Section 006



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2905 - MP 6.01 - Begin Section 007

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2906 - MP 6.99 - Begin Section 008

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2907 - MP 7.99 - Begin Section 009



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2908 - MP 8.98 - Begin Section 010

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2909 - MP 9.98 - Begin Section 011

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2910 - MP 10.97 - Begin Section 012



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2911 - MP 11.97 - Begin Section 013

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2912 - MP 12.96 - Begin Section 014

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2913 - MP 13.96 - Begin Section 015



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2914 - MP 14.96 - Begin Section 016

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2915 - MP 15.96 - Begin Section 017

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2916 - MP 16.95 - Begin Section 018

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2917 - MP 17.96 - Begin Section 019

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2918 - MP 18.96 - Begin Section 020

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2919 - MP 19.94 - Begin Section 021



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2920 - MP 20.87 - Begin Section 022

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2921 - MP 21.89 - Begin Section 023

ROUTE NUMBER: 211 ROUTE NAME: Neversweat Ridge Road



Photo # 2922 - MP 22.86 - Begin Section 024

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 212 ROUTE NAME: Junction 8 Road



Photo # 2923 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2924 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2925 - MP 1.02 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2926 - MP 2.04 - Begin Section 003

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2927 - MP 3.02 - Begin Section 004

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2928 - MP 4.00 - Begin Section 005

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2929 - MP 5.08 - Begin Section 006

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2935 - MP 6.13 - Begin Section 007

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2936 - MP 7.09 - Begin Section 008



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2937 - MP 8.09 - Begin Section 009

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2938 - MP 9.08 - Begin Section 010

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2945 - MP 10.07 - Begin Section 011



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2946 - MP 11.07 - Begin Section 012

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2947 - MP 12.06 - Begin Section 013

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2948 - MP 13.05 - Begin Section 014



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2949 - MP 14.05 - Begin Section 015

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2950 - MP 15.06 - Begin Section 016

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2951 - MP 16.06 - Begin Section 017



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2952 - MP 17.07 - Begin Section 018

ROUTE NUMBER: 213 ROUTE NAME: Engesser Pass Road



Photo # 2953 - MP 18.04 - Begin Section 019

ROUTE NUMBER: 214 ROUTE NAME: Junction 48 Road



Photo # 2930 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 214 ROUTE NAME: Junction 48 Road



Photo # 2931 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 214 ROUTE NAME: Junction 48 Road



Photo # 2932 - MP 2.01 - Begin Section 003

ROUTE NUMBER: 214 ROUTE NAME: Junction 48 Road



Photo # 2933 - MP 3.01 - Begin Section 004



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 214 ROUTE NAME: Junction 48 Road



Photo # 2934 - MP 4.00 - Begin Section 005

ROUTE NUMBER: 215 ROUTE NAME: Yaqui Tanks Road



Photo # 2939 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 215 ROUTE NAME: Yaqui Tanks Road



Photo # 2940 - MP 0.95 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 215 ROUTE NAME: Yaqui Tanks Road



Photo # 2941 - MP 1.93 - Begin Section 003

ROUTE NUMBER: 215 ROUTE NAME: Yaqui Tanks Road



Photo # 2942 - MP 2.92 - Begin Section 004

ROUTE NUMBER: 215 ROUTE NAME: Yaqui Tanks Road



Photo # 2943 - MP 3.94 - Begin Section 005



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 215 ROUTE NAME: Yaqui Tanks Road



Photo # 2944 - MP 5.99 - Begin Section 006

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2954 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2955 - MP 1.01 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2956 - MP 2.02 - Begin Section 003

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2957 - MP 2.98 - Begin Section 004

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2958 - MP 3.99 - Begin Section 005



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2959 - MP 4.98 - Begin Section 006

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2960 - MP 5.98 - Begin Section 007

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2961 - MP 6.99 - Begin Section 008



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2962 - MP 7.99 - Begin Section 009

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2963 - MP 9.00 - Begin Section 010

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2965 - MP 9.99 - Begin Section 011



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2966 - MP 11.00 - Begin Section 012

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2970 - MP 12.00 - Begin Section 013

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2971 - MP 13.01 - Begin Section 014



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2972 - MP 14.01 - Begin Section 015

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2973 - MP 15.04 - Begin Section 016

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2974 - MP 16.02 - Begin Section 017

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2975 - MP 17.04 - Begin Section 018

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2976 - MP 18.01 - Begin Section 019

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2977 - MP 19.02 - Begin Section 020



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2978 - MP 20.01 - Begin Section 021

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2979 - MP 21.02 - Begin Section 022

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2980 - MP 22.03 - Begin Section 023

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2981 - MP 23.03 - Begin Section 024

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2982 - MP 24.03 - Begin Section 025

ROUTE NUMBER: 216 ROUTE NAME: Hoodoo Wash Road



Photo # 2983 - MP 25.03 - Begin Section 026



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 217 ROUTE NAME: Wilbanks Well Road



Photo # 2964 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2984 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2985 - MP 1.01 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2986 - MP 2.02 - Begin Section 003

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2987 - MP 3.01 - Begin Section 004

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2988 - MP 4.00 - Begin Section 005



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2989 - MP 5.00 - Begin Section 006

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2990 - MP 5.99 - Begin Section 007

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2991 - MP 6.98 - Begin Section 008



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2992 - MP 7.96 - Begin Section 009

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2993 - MP 8.93 - Begin Section 010

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2994 - MP 9.91 - Begin Section 011



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2995 - MP 10.91 - Begin Section 012

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2996 - MP 11.91 - Begin Section 013

ROUTE NUMBER: 218 ROUTE NAME: Kofa Manganese Road



Photo # 2997 - MP 12.94 - Begin Section 014



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 219 ROUTE NAME: Red Raven Well Road



Photo # 2998 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 219 ROUTE NAME: Red Raven Well Road



Photo # 2999 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 219 ROUTE NAME: Red Raven Well Road



Photo # 3000 - MP 2.02 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 219 ROUTE NAME: Red Raven Well Road



Photo # 3001 - MP 3.15 - Begin Section 004

ROUTE NUMBER: 219 ROUTE NAME: Red Raven Well Road



Photo # 3002 - MP 4.13 - Begin Section 005

ROUTE NUMBER: 219 ROUTE NAME: Red Raven Well Road



Photo # 3003 - MP 5.13 - Begin Section 006



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 219 ROUTE NAME: Red Raven Well Road



Photo # 3004 - MP 6.14 - Begin Section 007

ROUTE NUMBER: 219 ROUTE NAME: Red Raven Well Road



Photo # 3005 - MP 7.14 - Begin Section 008

ROUTE NUMBER: 219 ROUTE NAME: Red Raven Well Road



Photo # 3006 - MP 8.15 - Begin Section 009



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 220 ROUTE NAME: Junction 38 Road



Photo # 2967 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 220 ROUTE NAME: Junction 38 Road



Photo # 2968 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 220 ROUTE NAME: Junction 38 Road



Photo # 2969 - MP 2.02 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Road



Photo # 3129 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Road



Photo # 3128 - MP 1.05 - Begin Section 002

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Road



Photo # 3127 - MP 2.06 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Road



Photo # 3126 - MP 3.07 - Begin Section 004

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Road



Photo # 3125 - MP 4.07 - Begin Section 005

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Road



Photo # 3124 - MP 5.09 - Begin Section 006



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Road



Photo # 3123 - MP 6.09 - Begin Section 007

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Raod



Photo # 3118 - MP 7.09 - Begin Section 008

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Raod



Photo # 3117 - MP 8.09 - Begin Section 009



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Raod



Photo # 3116 - MP 9.10 - Begin Section 010

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Raod



Photo # 3115 - MP 10.07 - Begin Section 011

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Raod



Photo # 3114 - MP 11.10 - Begin Section 012



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Raod



Photo # 3113 - MP 12.09 - Begin Section 013

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Raod



Photo # 3112 - MP 13.10 - Begin Section 014

ROUTE NUMBER: 221 ROUTE NAME: Kofa Cabin Raod



Photo # 3111 - MP 14.10 - Begin Section 015



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 222 ROUTE NAME: Scotts Well Road



Photo # 3106 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 222 ROUTE NAME: Scotts Well Road



Photo # 3107 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 222 ROUTE NAME: Scotts Well Road



Photo # 3108 - MP 2.01 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 222 ROUTE NAME: Scotts Well Road



Photo # 3109 - MP 3.01 - Begin Section 004

ROUTE NUMBER: 222 ROUTE NAME: Scotts Well Road



Photo # 3110 - MP 3.99 - Begin Section 005

ROUTE NUMBER: 223 ROUTE NAME: High Tank Six Road



Photo # 3022 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 223 ROUTE NAME: High Tank Six Road



Photo # 3023 - MP 1.01 - Begin Section 002

ROUTE NUMBER: 223 ROUTE NAME: High Tank Six Road



Photo # 3024 - MP 2.00 - Begin Section 003

ROUTE NUMBER: 223 ROUTE NAME: High Tank Six Road



Photo # 3025 - MP 2.99 - Begin Section 004



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 223 ROUTE NAME: High Tank Six Road



Photo # 3026 - MP 3.98 - Begin Section 005

ROUTE NUMBER: 223 ROUTE NAME: High Tank Six Road



Photo # 3027 - MP 4.98 - Begin Section 006

ROUTE NUMBER: 223 ROUTE NAME: High Tank Six Road



Photo # 3028 - MP 5.94 - Begin Section 007



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 223 ROUTE NAME: High Tank Six Road



Photo # 3034 - MP 6.96 - Begin Section 008

ROUTE NUMBER: 223 ROUTE NAME: High Tank Six Road



Photo # 3035 - MP 7.94 - Begin Section 009

ROUTE NUMBER: 223 ROUTE NAME: High Tank Six Road



Photo # 3036 - MP 8.94 - Begin Section 010

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 223 ROUTE NAME: High Tank Six Road



Photo # 3037 - MP 9.93 - Begin Section 011

ROUTE NUMBER: 224 ROUTE NAME: Burro Canyon Road



Photo # 3029 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 224 ROUTE NAME: Burro Canyon Road



Photo # 3030 - MP 1.03 - Begin Section 002



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 224 ROUTE NAME: Burro Canyon Road



Photo # 3031 - MP 2.00 - Begin Section 003

ROUTE NUMBER: 224 ROUTE NAME: Burro Canyon Road



Photo # 3032 - MP 3.01 - Begin Section 004

ROUTE NUMBER: 224 ROUTE NAME: Burro Canyon Road



Photo # 3033 - MP 4.00 - Begin Section 005

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 225 ROUTE NAME: Twelve Mile Well Road



Photo # 2831 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 226 ROUTE NAME: Crystal Hill Road



Photo # 2828 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2812 - MP 0.00 - Begin Route at Begin Section



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2813 - MP 1.06 - Begin Section 002

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2814 - MP 2.05 - Begin Section 003

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2815 - MP 3.05 - Begin Section 004

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2817 - MP 4.00 - Begin Section 005

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2818 - MP 4.99 - Begin Section 006

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2832 - MP 5.69 - Begin Section 007



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2833 - MP 6.70 - Begin Section 008

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2834 - MP 7.71 - Begin Section 009

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2835 - MP 8.68 - Begin Section 010

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2836 - MP 9.69 - Begin Section 011

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2837 - MP 10.67 - Begin Section 012

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2838 - MP 11.66 - Begin Section 013



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2839 - MP 12.66 - Begin Section 014

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2840 - MP 13.66 - Begin Section 015

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2841 - MP 14.65 - Begin Section 016

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2842 - MP 15.65 - Begin Section 017

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2843 - MP 16.65 - Begin Section 018

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2844 - MP 17.66 - Begin Section 019



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2845 - MP 18.65 - Begin Section 020

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2846 - MP 19.63 - Begin Section 021

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2847 - MP 20.63 - Begin Section 022

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2848 - MP 21.66 - Begin Section 023

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2849 - MP 22.63 - Begin Section 024

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2850 - MP 23.62 - Begin Section 025



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2851 - MP 24.73 - Begin Section 026

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2852 - MP 25.72 - Begin Section 027

ROUTE NUMBER: 227 ROUTE NAME: Pipeline Road



Photo # 2854 - MP 26.72 - Begin Section 028

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 228 ROUTE NAME: Kofa Queen Canyon Road



Photo # 2888 - MP 0.00 - Begin Route at Begin Section

ROUTE NUMBER: 228 ROUTE NAME: Kofa Queen Canyon Road



Photo # 2889 - MP 1.00 - Begin Section 002

ROUTE NUMBER: 228 ROUTE NAME: Kofa Queen Canyon Road



Photo # 2890 - MP 2.01 - Begin Section 003



## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 228 ROUTE NAME: Kofa Queen Canyon Road



Photo # 2891 - MP 3.00 - Begin Section 004

ROUTE NUMBER: 228 ROUTE NAME: Kofa Queen Canyon Road



Photo # 2892 - MP 3.99 - Begin Section 005

ROUTE NUMBER: 228 ROUTE NAME: Kofa Queen Canyon Road



Photo # 2893 - MP 4.97 - Begin Section 006

## FEATURES PHOTOGRAPHS

ROUTE NUMBER: 228 ROUTE NAME: Kofa Queen Canyon Road



Photo # 2894 - MP 5.98 - Begin Section 007

ROUTE NUMBER: 228 ROUTE NAME: Kofa Queen Canyon Road



Photo # 2895 - MP 6.95 - Begin Section 008

ROUTE NUMBER: 228 ROUTE NAME: Kofa Queen Canyon Road



Photo # 2896 - MP 7.94 - Begin Section 009



### Accident Summary

Number of Accidents Reported	Timespan of Accidents	Injuries	Fatalities
0	No Accidents to Report	0	0

## APPENDIX

<b>FWS ROAD FUNCTIONAL CLASSIFICATION</b>	
<b>Class I</b>	Principal Refuge Road (Public Roads) - Routes that constitute the main access route, main auto tour route, or thoroughfare for refuge visitors. These routes are accessible by 2WD vehicles. Routes are numbered from 10 to 99.
<b>Class II</b>	Connector Refuge Road (Public Roads) - Routes that provide circulation within the refuge. These routes can also provide access to areas of scenic, scientific, recreational or cultural interest, such as overlooks, campgrounds, education centers, etc. These routes are accessible by 2WD vehicles. Routes are numbered from 100 to 199.
<b>Class III</b>	Special Purpose Refuge Road (Public Roads) - Roads that provide circulation within special use areas such as campgrounds or public concessionaire facilities or access to remote areas of the refuge. These routes may not be 2WD accessible. Routes are numbered from 200 to 299.
<b>Class IV</b>	Administrative Access Road (Administrative Roads) - Routes intended for access to administrative developments or structures such as maintenance offices, employee quarters, or utility areas. These routes are accessible by 2WD vehicles. These routes may restrict access to the general public. Routes are numbered from 300 to 399.
<b>Class V</b>	Restricted Road (Administrative Roads) - Routes normally closed to the public, such as maintenance roads, service roads, patrol roads, and fire breaks. These routes may be open to the public for a short period of time for a special use, such as hunting access. These routes may not be 2WD accessible. Routes are numbered from 400 to 499.

A refuge road system contains those routes within or giving access to a refuge or other unit of the FWS that are administered by the FWS, or by the Service in cooperation with other agencies. The assignment of a functional classification (FC) to a refuge road is not based on traffic volumes or design speed, but on the intended use or function of that route.



## DESCRIPTION OF RATING SYSTEM

Rating Data is collected on five different surface types: Asphalt, Concrete, Gravel, Native Improved and Native Primitive. The Utah LTAP Center's Remaining Service Life (RSL) system is used for all surface types. The RSL system is based on the Strategic Highway Research Program's (SHRP) Distress Identification Manual.

### Asphalt Rating System

Data is collected on the following distresses and conditions:

- **Fatigue Cracking** - Interconnected cracks forming small irregular shapes.
- **Longitudinal Cracking** - Cracks running parallel with the roadway, in the direction of traffic.
- **Transverse Cracking** - Cracks perpendicular to the roadway, going across the lane or lanes.
- **Block Cracking** - Interconnected cracks forming large blocks.
- **Edge Cracking** - Cracks running along the edge of the pavement surface.
- **Patches** - Original surface repaired with new asphalt patch material.
- **Potholes** - Holes or depressions in the pavement.
- **Rutting** - surface depressions in the wheel paths.
- **Roughness** - Evenness of pavement for serviceability.
- **Drainage** - Ability of the road surface to drain water based on proper slope.

A Condition Rating value is calculated for each homogenous pavement section, and can be up to 1 mile in length.

### Rating Index Formula

Fatigue, longitudinal, transverse, block, and edge cracking, along with patching and potholes are rated on a 0 - 9 scale (0 = no distress, 9 = maximum distress). The rating given is based on the extent and the severity of the distress. Rutting, roughness, and drainage are rated on a 0 - 3 scale (0 = excellent, 3 = poor). Each distress type has a given Remaining Service Life (RSL) value (in years) based on the rating for that distress. The distress rating resulting in the lowest RSL value is considered to be the governing distress. That value is assigned as the RSL of the road segment.

### Concrete Rating System

Data is collected on the following distresses and conditions:

- **Spalling of Joints** - Chipping, breaking, or cracking of slab edges
- **Joint Seal Damage** - Any damage or condition that enables materials or water to infiltrate into the joint from the surface.
- **Corner Breaks** - A portion of the slab separated by a crack that intersects the adjacent transverse and longitudinal joints, forming approximately a 45° angle to the direction.
- **Broken Slabs** - Faulting and/or cracking localized to individual slabs.
- **Faulting** - Difference in elevation across a crack or joint.
- **Longitudinal Cracking** - Cracks in the pavement running parallel to road.

- **Transverse Cracking** - Cracks in the pavement running perpendicular to the direction of traffic.
- **Patch Deterioration** – Faulting, settling, or cracking of previously placed patch
- **Map Cracking** – A series of cracks that extend only into the upper surface of the Slab

A Condition Rating value is calculated for each homogenous pavement section, and can be up to 1 mile in length.

### **Rating Index Formula**

The rating procedure for concrete pavement is the same as that for asphalt pavement described previously. Each of the distresses described above are rated on the same 0 – 9 scale. The governing distress is then determined and the RSL associated with that distress is assigned to the road segment.

### **Gravel and Native Improved Rating System**

Data is collected on the following distresses and conditions:

- **Cross Section (Gravel, Native Improved only)** - Roadway built so that the center is higher than the shoulder, to prevent water from pooling on roadway.
- **Roadside Drainage (Gravel, Native Improved only)** - Roadside ditches and culverts to handle water flow and prevent pooling on the roadside.
- **Corrugations (Washboarding)** - Small trenches or holes developing perpendicular to the roadway.
- **Potholes** - Holes or depressions in the roadway.
- **Rutting** - Depressions running parallel with the roadway, in the wheelpaths.
- **Dust** - Amount of dust caused by traffic.
- **Loose Aggregate (Gravel Only)** - Loose gravel, typically piled up on the roadway edges or centerline.

A Condition Rating value is calculated for each homogenous pavement section, and can be up to 1 mile in length.

### **Rating Index Formula**

The rating procedure for unpaved roads is the same as that for asphalt and concrete pavements described previously. Of the distresses described above, corrugations, potholes, rutting, and loose aggregate are rated on the same 0 – 9 scale previously mentioned. Cross section, roadside drainage, and dust are rated on the same 0 – 3 scale described for asphalt pavement. The governing distress is then determined and the RSL associated with that distress is assigned to the road segment.



## Condition Descriptions by Surface Type

The following definitions are used to describe pavement condition for the various surface types. These are general guidelines for condition indications.

### Asphalt

**Excellent** – Recently constructed or overlaid road where construction or overlay was performed correctly- No maintenance required. RSL = 19-20 years.

**Good** – Low extent longitudinal and transverse cracks. All cracks are 1/4" or less with little or no crack erosion. Patches are in good condition and applied correctly. Routine Maintenance recommended. RSL = 13-18 years.

**Fair** - Roads are in good structural condition with little or no fatigue cracking. Longitudinal, transverse, and edge cracking is at medium extent and severity. Block cracking is not extensive. Any patches are in good condition. Preventative maintenance recommended. RSL = 7-12 years.

**Poor** - Road beginning to show signs of structural distress. Fatigue cracking is medium to high extent and medium severity. Cracking will be severe. Surface may have severe block cracking and show. Patches are in fair to poor condition. There is moderate distortion or rutting and occasional potholes. Rehabilitation recommended. RSL = 1-6 years.

**Failed** - Road is severely deteriorated. Signs of structural failure appear along with severe and extensive fatigue cracking, distortion, potholes, or extensive patches in poor condition. Reconstruction recommended. RSL = 0 years.

### Concrete

**Excellent** - New pavement. No maintenance required. RSL = 19-20 years

**Good** - First signs of transverse cracking, patch or repair, more extensive pop-outs, or scaling. Sealing or routine maintenance recommended. RSL = 13-18 years.

**Fair** – Pavement has joint or crack spalling, and/or faulting, along with cracking at corners with broken pieces. Any Patches are in fair condition and faulting is at a minimum. Preventative maintenance recommended. RSL = 7-12 years.

**Poor** - Joints and cracks are open 1 inch, spalled, or patched. Faulting is more severe. Rehabilitation recommended. RSL = 1-6 years.

**Failed** - Most slabs have failed structurally, and faulting is severe. Reconstruction recommended. RSL = 0 years.11-9

The following table shows the relationship between RSL and condition.

SUBJECTIVE CONDITION RATING FOR REMAINING SERVICE LIFE (Asphalt and Concrete Pavements)								
	FAILED	POOR		FAIR		GOOD		EXCELLENT
RSL Years	0	1-3	4-6	7-9	10-12	13-15	16-18	19-20

### Gravel and Native

**Excellent** - Newly constructed road that has been constructed properly with proper crown, drainage and gravel layer. Little or no distress. No maintenance recommended. RSL = 8-10 years.

**Good** - Crown, drainage provisions, and gravel layer are in good condition. Distress limited to traffic effects such as dust, loose aggregate, and low severity corrugations (wash boarding). RSL = 5-7 years.

**Fair** - Adequate drainage and crown through majority of roadway. Crown repair, ditch improvement may be necessary. Road has more severe corrugations and potholes. Preventative maintenance recommended. RSL = 3-4 years.

**Poor** - Travel at slow speeds is necessary. Additional gravel layer needed to carry traffic. Poor crown. Ditching is inadequate and rutting is extensive and severe. Rehabilitation recommended. RSL = 1-2 years.

**Failed** - Travel is difficult, and road may be closed at times. Rutting and Corrugations are very severe. Total Reconstruction of road is recommended. RSL = 0 years.

The following table shows the RSL values for gravel and native roads in terms of excellent, good, fair, poor, and failed condition.

SUBJECTIVE CONDITION RATING FOR REMAINING SERVICE LIFE (Gravel and Native Surfaces)					
	FAILED	POOR	FAIR	GOOD	EXCELLENT
RSL Years	0	1-2	3-4	5-7	8-10