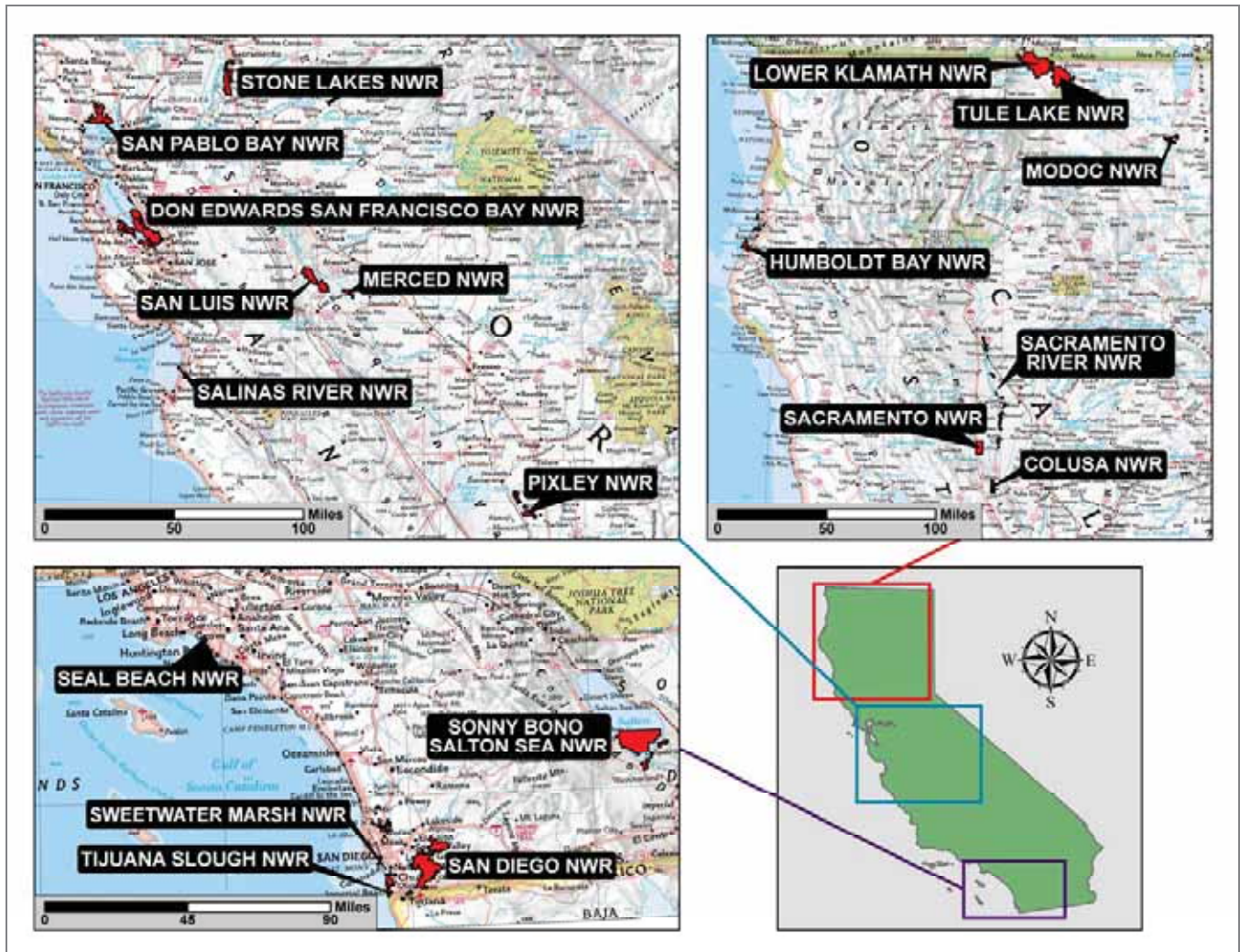


# The Trail Inventory of U.S. Fish and Wildlife Service Stations in California



Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
January, June-July 2007



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## FWS Stations in California with Trails

Station Name	Trail Miles	Chapter
Colusa NWR	0.45	2
Don Edwards San Francisco Bay NWR	37.84	3
Humboldt Bay NWR	5.13	4
Lower Klamath NWR	0.24	5
Merced NWR	2.12	6
Modoc NWR	0.60	7
Pixley NWR	0.73	8
Sacramento NWR	1.81	9
Sacramento River NWR	8.50	10
Salinas River NWR	1.53	11
San Diego NWR	2.49	12
San Luis NWR	10.28	13
San Pablo Bay NWR	5.00	14
Seal Beach NWR	0.34	15
Sonny Bono Salton Sea NWR	1.69	16
Stone Lakes NWR	0.44	17
Sweetwater Marsh NWR	0.65	18
Tijuana Slough NWR	4.40	19
Tule Lake NWR	1.24	20

# California FWS Stations Trail Summaries

## Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native	9.26	11%	0.09	0%		0%	0.43	1%	0.58	1%		0%	10.36
Gravel	10.94	13%		0%		0%		0%		0%		0%	10.94
Asphalt	0.80	1%		0%		0%		0%		0%		0%	0.80
Concrete		0%		0%		0%	0.01	0%		0%		0%	0.01
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk	0.61	1%		0%		0%		0%		0%		0%	0.61
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed	4.97	6%		0%		0%		0%		0%		0%	4.97
Admin Road		0%		0%		0%		0%		0%	57.66	67%	57.66
Other	0.13	0%		0%		0%		0%		0%		0%	0.13
Totals	26.71	31%	0.09	0%	0.00	0%	0.44	1%	0.58	1%	57.66	67%	85.48

## Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2	1.80	2%		0%		0%	0.43	1%	0.55	1%		0%	2.78
TC3	17.89	21%	0.09	0%		0%		0%	0.03	0%	55.77	65%	73.78
TC4	5.44	6%		0%		0%		0%		0%	1.89	2%	7.33
TC5	1.58	2%		0%		0%	0.01	0%		0%		0%	1.59
Totals	26.71	31%	0.09	0%	0.00	0%	0.44	1%	0.58	1%	57.66	67%	85.48

\* Admin Roads are included in the inventory but are not rated for condition.



# The Trail Inventory of Colusa National Wildlife Refuge Willows, California



**Prepared By:**  
**Federal Highway Administration**  
**Central Federal Lands Highway Division**  
**June 2007**



# Colusa NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed	0.45	100%		0%		0%		0%		0%		0%	0.45
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.45	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.45

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	0.45	100%		0%		0%		0%		0%		0%	0.45
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.45	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.45

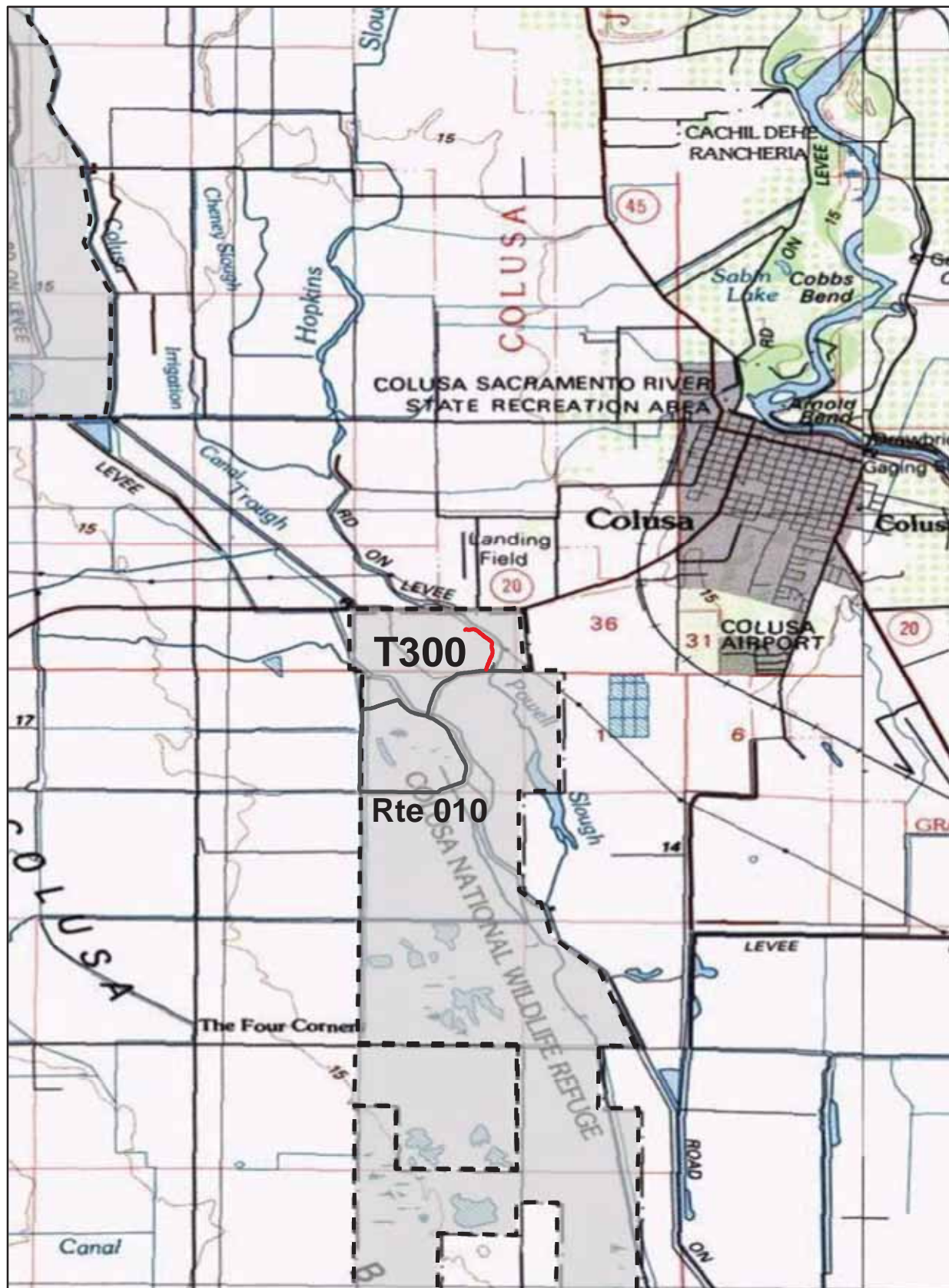
\* Admin Roads are included in the inventory but are not rated for condition.

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	1	No	0.00	2
T300	Water Control Struc	1	No	0.14	N/A
T300	Bridge -sf	225	No	0.44	3
T300	Lookout/Ob Deck	1	No	0.45	N/A
sf-square feet lf-linear feet cf-cubic feet					



# COLUSA NWR TRAIL LOCATION MAP



Station Boundary



HQ/VC

0 1 2 Miles

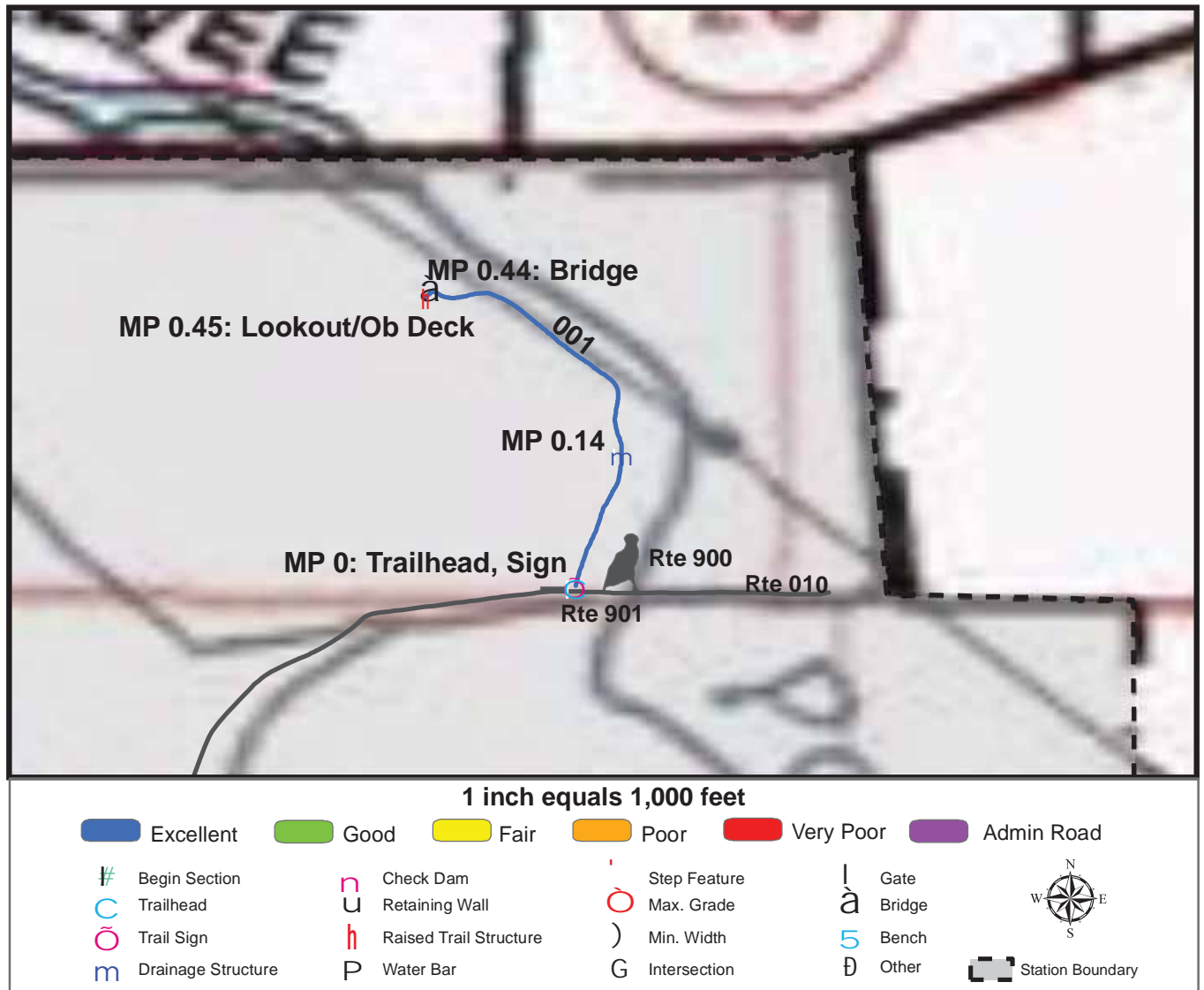
## TRAILS ID

**Station Name: Colusa NWR**

**Org. Code: 81621**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Wetlands Discovery Trail	Mowed	10000460	0.45	From Wetlands Discovery Trail Parking (Rte 901) to Bridge

# TRAIL CONDITION



**Trail Name:** Wetlands Discovery Trail

**Refuge Name:** Colusa NWR

**Trail Number:** T300

**Region:** 8

**TOTAL LENGTH:** 0.45 Miles

Section Number	001				
Section Length (miles)	0.45				
SAMMS Number	10000460				
Rating Date	6/14/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Mowed				
Surface Firmness	Hard				
Width (inches)	136				
Average Grade (%)	1.1				
Average X-slope (%)	12.7				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$52244				
FCI	0				
Condition	Excellent				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$52244	0	Excellent



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300

STATION: Colusa NWR

DATE: 6/14/2007



Photo # 1 - MP 0.0 - Trailhead

TRAIL NUMBER: T300

STATION: Colusa NWR

DATE: 6/14/2007



Photo # 2 - MP 0.0 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300

STATION: Colusa NWR

DATE: 6/14/2007



Photo # 3 - MP 0.44 - Bridge



# **The Trail Inventory of Don Edwards San Francisco Bay National Wildlife Refuge Newark, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
July 2007**



# Don Edwards San Francisco Bay NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native	0.48	1%		0%		0%		0%		0%		0%	0.48
Gravel	8.38	22%		0%		0%		0%		0%		0%	8.38
Asphalt	0.19	1%		0%		0%		0%		0%		0%	0.19
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk	0.50	1%		0%		0%		0%		0%		0%	0.50
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%	28.29	75%	28.29
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	9.55	25%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	28.29	75%	37.84

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2	0.41	1%		0%		0%		0%		0%		0%	0.41
TC3	8.45	22%		0%		0%		0%		0%	28.29	75%	36.74
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5	0.69	2%		0%		0%		0%		0%		0%	0.69
Totals	9.55	25%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	28.29	75%	37.84

\* Admin Roads are included in the inventory but are not rated for condition.

## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T200	Sign	2	No	0.00	81
T200	Water Control Struc	1	No	0.02	N/A
T200	Water Control Struc	1	No	0.05	N/A
T200	Water Control Struc	1	No	0.07	N/A
T300	Gate	1	No	0.00	N/A
T300	Water Control Struc	1	No	2.01	N/A
T300	Water Control Struc	1	No	2.75	N/A
T300	Water Control Struc	1	No	2.91	N/A
T300	Water Control Struc	1	No	3.19	N/A
T300	Water Control Struc	1	No	4.80	N/A
T301	Gate	2	No	0.00	N/A
T301	Sign	3	No	0.00	22
T301	Water Control Struc	1	No	0.25	N/A
T301	Bench	2	No	0.28	N/A
T301	Lookout/Ob Deck	1	No	1.15	N/A
T301	Water Control Struc	1	No	1.49	N/A
T301	Bench	2	No	1.62	N/A
T301	Sign	1	No	1.68	26
T301	Sign	2	Yes	N/A	23
T301	Sign	2	Yes	N/A	25
T302	Gate	1	No	0.00	N/A
T302	Sign	1	No	0.01	29
T302	Gate	1	No	0.21	N/A
T302	Sign	44	No	0.33	30
T303	Sign	3	No	0.00	33
T303	Sign	5	No	0.84	31/32
T304	Sign	2	No	3.97	37
T306	Water Control Struc	1	No	0.00	N/A
T306	Bridge -sf	225	No	0.07	45
T306	Bridge -sf	200	No	0.09	46
T307	Gate	1	No	0.00	N/A
T307	Sign	3	No	0.00	48
T308	Sign	2	No	0.00	49
T308	Sign	1	No	0.03	51
T308	Sign	1	No	0.13	52
T308	Step: Log -each	32	No	0.15	N/A
T308	Bridge -sf	200	No	0.22	54
T308	Lookout/Ob Deck	1	No	0.27	N/A
T308	Sign	1	No	0.27	57
T308	Bridge -sf	320	No	0.33	58
T308	Bench	1	No	0.38	N/A
T308	Water Control Struc	1	No	0.48	N/A
T308	Gate	1	No	0.52	N/A
T308	Sign	4	No	0.52	59
T309	Sign	2	No	0.00	60
T309	Sign	2	No	0.01	62

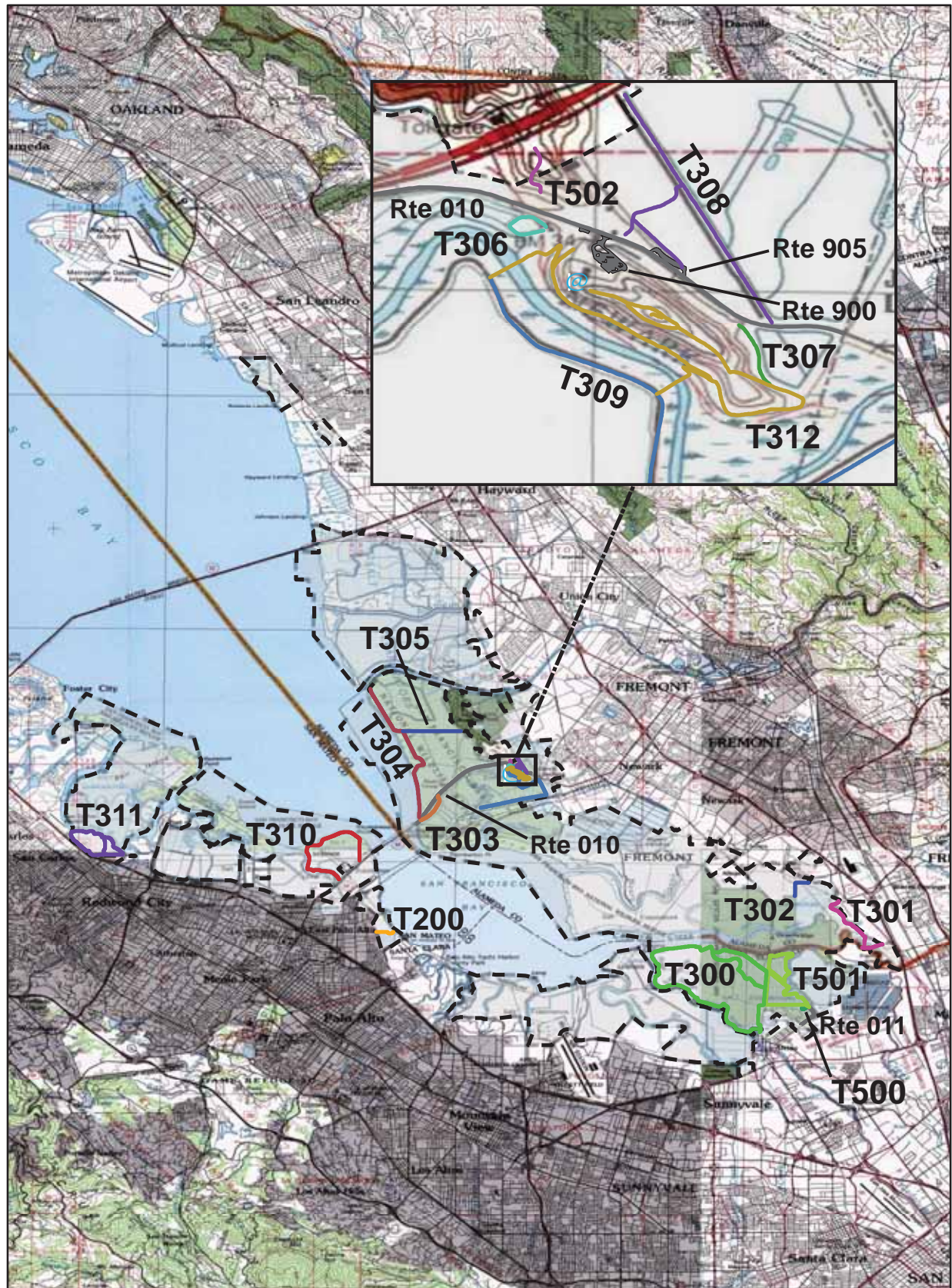
Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T309	Sign	1	No	0.02	63
T309	Bench	1	No	0.12	N/A
T309	Sign	1	No	0.15	64
T309	Bench	1	No	0.21	N/A
T309	Bench	1	No	0.33	N/A
T309	Sign	1	No	0.34	65
T309	Sign	2	No	0.34	66
T309	Sign	1	No	0.37	67
T309	Water Control Struc	1	No	0.48	N/A
T309	Sign	1	No	1.02	69
T309	Gate	1	No	1.03	N/A
T309	Sign	3	No	1.03	68
T309	Sign	1	No	1.07	70
T309	Gate	1	No	1.45	N/A
T309	Sign	1	No	1.45	71
T309	Sign	1	No	2.94	72
T310	Gate	1	No	0.00	N/A
T310	Water Control Struc	1	No	0.03	N/A
T310	Water Control Struc	2	No	1.01	N/A
T310	Sign	2	No	3.32	76
T310	Sign	4	Yes	N/A	74
T311	Sign	1	No	0.00	77
T312	Sign	3	No	0.00	84
T312	Bench	1	No	0.05	N/A
T312	Sign	1	No	0.06	85
T312	Bench	1	No	0.11	N/A
T312	Lookout/Ob Deck	1	No	0.14	N/A
T312	Sign	1	No	0.21	89
T312	Sign	2	No	0.33	92
T312	Bench	2	No	0.39	N/A
T312	Lookout/Ob Deck	1	No	0.46	N/A
T312	Bench	1	No	0.52	N/A
T312	Sign	1	No	0.52	93
T312	Bench	2	No	0.58	N/A
T312	Sign	1	No	0.58	96
T312	Bench	1	No	0.78	N/A
T312	Sign	1	No	0.92	101
T312	Other	1	No	0.93	N/A
T312	Bench	3	No	0.93	N/A
T312	Bench	1	No	0.95	N/A
T312	Sign	1	No	0.97	98
T312	Sign	3	No	0.97	103
T312	Lookout/Ob Deck	1	No	1.07	N/A
T312	Sign	2	Yes	N/A	90
T500	Sign	1	No	0.00	2
T500	Bridge -sf	126	No	0.09	3
T500	Bench	1	No	0.15	N/A
T500	Bench	1	No	0.20	N/A
T500	Bridge -sf	432	No	0.20	4
T500	Bench	1	No	0.23	N/A
T501	Gate	1	No	0.00	N/A
T501	Bench	1	No	0.10	N/A
T501	Sign	1	No	0.10	7
T501	Sign	1	No	0.10	8
T501	Bench	1	No	0.16	N/A
T501	Water Control Struc	1	No	0.32	N/A
T501	Sign	1	No	0.33	9



Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T501	Sign	1	No	0.70	10
T501	Sign	1	No	1.69	11
T501	Water Control Struc	1	No	1.77	N/A
T501	Water Control Struc	1	No	2.49	N/A
T501	Sign	1	No	2.72	12
T501	Sign	1	No	3.69	14
T501	Water Control Struc	1	No	4.11	N/A
T501	Sign	1	No	4.63	15
T501	Sign	1	No	5.56	17
T501	Lookout/Ob Deck	3	Yes	N/A	N/A
T502	Sign	2	No	0.00	40
T502	Sign	1	No	0.00	41
T502	Sign	3	No	0.09	42
T502	Sign	2	No	0.10	43

sf-square feet  
lf-linear feet  
cf-cubic feet

# DON EDWARDS SAN FRANCISCO BAY NWR TRAIL LOCATION MAP



Station Boundary



HQ/VC

0 5 10 Miles

## TRAILS ID

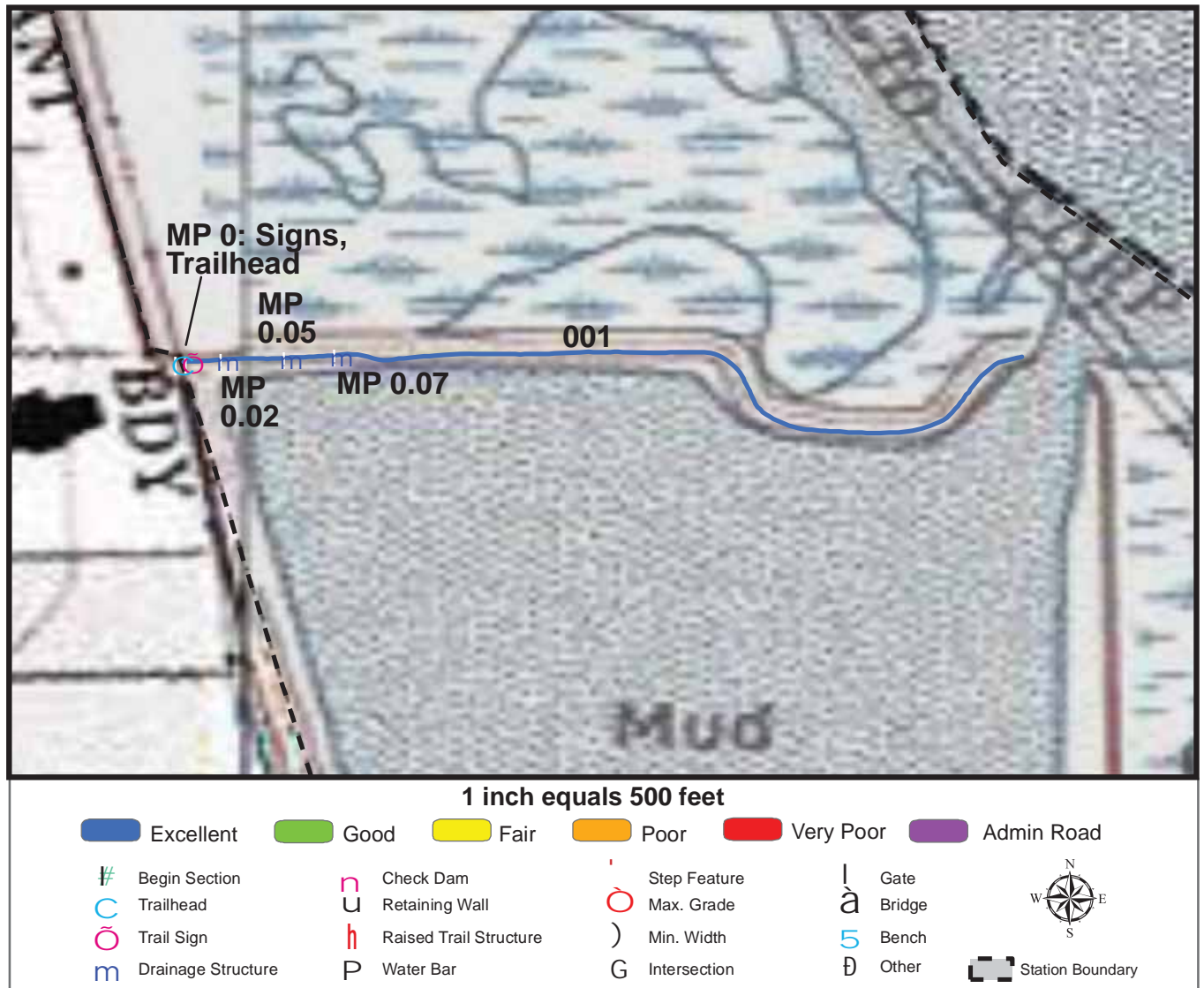
**Station Name: Don Edwards San Francisco Bay NWR**

**Org. Code: 81648**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T200	Faber-Laumeister Trail	Native	10036719	0.41	From East Palo Alto Trail to dead end at The Bay
T300	Alviso Slough Trail	Admin Road	10046675	10.49	From Alviso Marina to end of loop
T301	Coyote Creek Lagoon Trail	Admin Road, Native	10036720	2.19	From Fremont Blvd., 0.1 miles north of Warren Ave. to dead end
T302	Warm Springs Trail	Admin Road	N/A	0.64	From LAM Research parking on Cushing Pkwy. to area closed due to sensitive wildlife habitat
T303	Crescent Trail	Admin Road	10000809	0.84	From Marshlands Road Fishing Pier Parking (Rte 902) to Marshlands Road (Rte 010)
T304	Shoreline Trail	Admin Road	10000809	3.97	From Marshlands Road Fishing Pier Parking (Rte 902), under bridge, to Alameda County
T305	No Name Trail	Admin Road	10000809	1.23	From Shoreline Trail (T304) to NWR boundary
T306	Pumphouse Marsh Trail	Gravel	10049075	0.13	From Learning Center to end of loop
T307	Harrier Spur Trail	Gravel	10000833	0.13	From Marshlands Road (Rte 010) to Tidelands Trail (T312)
T308	LaRiviere Marsh Trail	Boardwalk, Gravel	10000807	0.74	From LaRiviere Trail Parking (Rte 905) to Marshlands Road (Rte 010)
T309	Newark Slough Trail	Gravel	10000817	2.94	From Tidelands Trail (T312) to trail closure sign
T310	Ravenswood Trail	Gravel	10000808	3.32	From Hwy 84 (north side), 0.75 miles west of Dumbarton Bridge to end of trail at east gate
T311	Inner Bair Island Trail	Admin Road	10000853	3.47	From Whipple Ave., east of Hwy 101 to end of loop
T312	Tidelands Trail	Boardwalk, Gravel	10051501, 10000814, 10000833	1.39	From Visitor Center S. to end of trail at Headquarters/Visitor Center Parking (Rte 900)
T500	New Chicago Marsh Trail	Boardwalk	10000831	0.23	From Visitor Education Center northwest to Mallard Slough Trail (T501)
T501	Mallard Slough Trail	Admin Road, Asphalt	10046675	5.62	From Environmental Education Center Parking (Rte 903) to end of loop
T502	Quarry Trail	Asphalt	10036721	0.10	From Service Rd. west to Coyote Hills Regional Park Trail



## TRAIL CONDITION



**Trail Name:** Faber-Laumeister Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T200

**Region:** 8

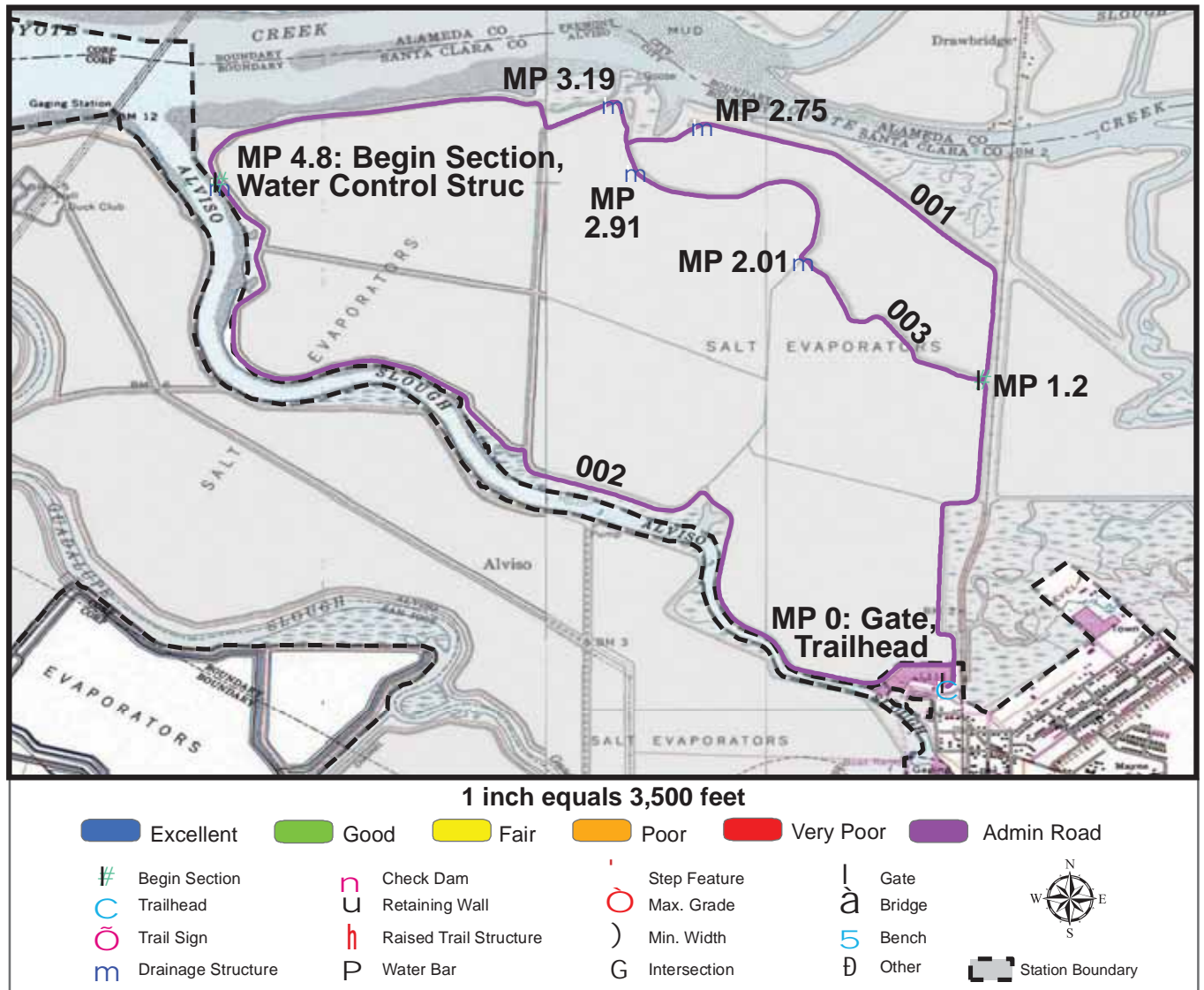
**TOTAL LENGTH:** 0.41 Miles

Section Number	001				
Section Length (miles)	0.41				
SAMMS Number	10036719				
Rating Date	7/18/2007				
<b>Trail Section Information</b>					
Trail Class	TC2				
Surface Type	Native				
Surface Firmness	Firm				
Width (inches)	12				
Average Grade (%)	2.4				
Average X-slope (%)	2.6				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$12684				
FCI	0				
Condition	Excellent				

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$12684	0	Excellent

# TRAIL CONDITION



**Trail Name:** Alviso Slough Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T300

**Region:** 8

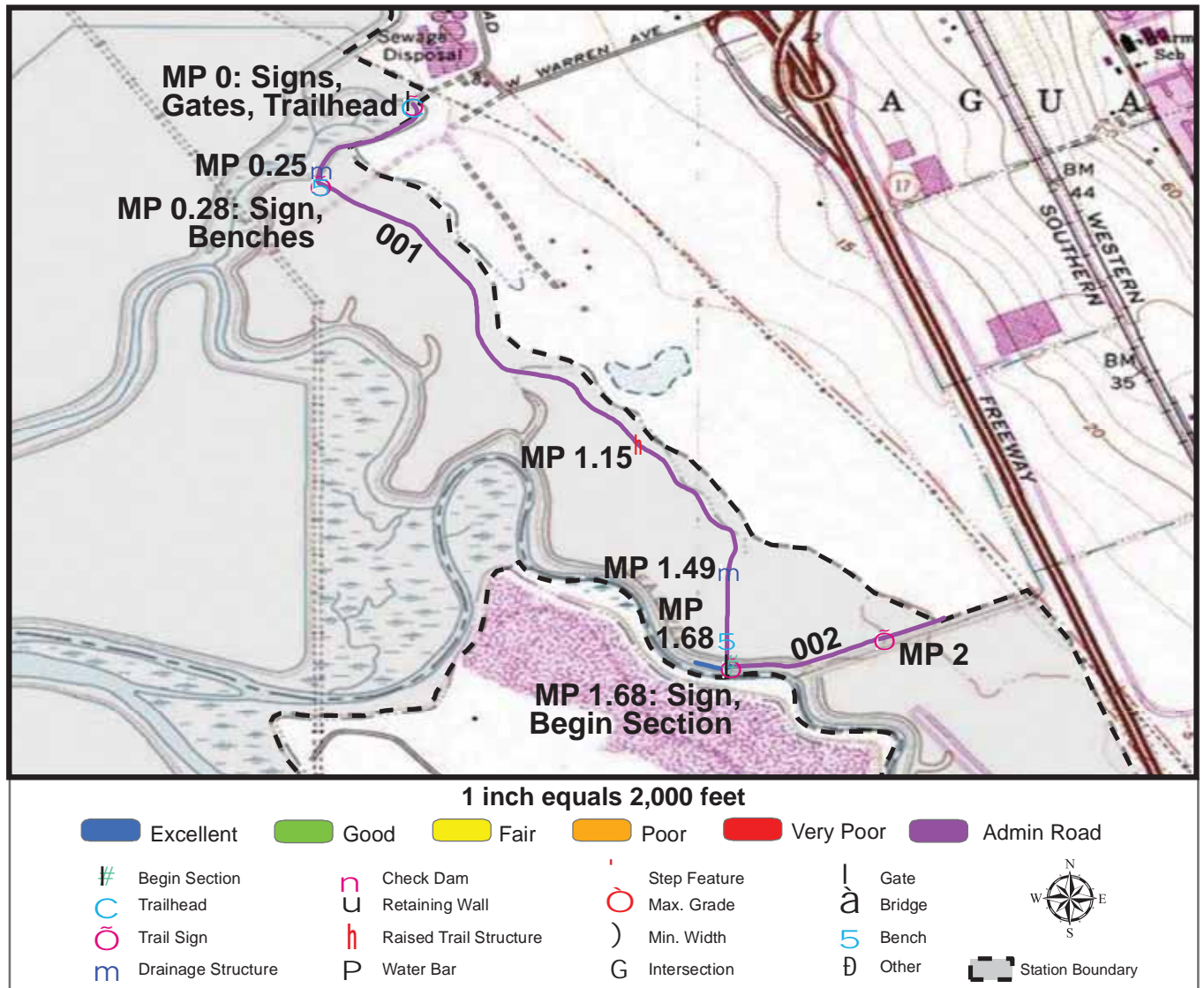
**TOTAL LENGTH:** 10.49 Miles

Section Number	001	002	003		
Section Length (miles)	4.8	3.88	1.81		
SAMMS Number	10046675	10046675	10046675		
Rating Date	7/16/2007	7/16/2007	7/16/2007		
<b>Trail Section Information</b>					
Trail Class	TC3	TC3	TC3		
Surface Type	Admin Road	Admin Road	Admin Road		
Surface Firmness	Hard	Hard	Hard		
Width (inches)	144	144	144		
Average Grade (%)	3.6	3.6	3.6		
Average X-slope (%)	2.6	2.6	2.6		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0		
CRV	\$0	\$0	\$0		
FCI	0	0	0		
Condition	Not Rated	Not Rated	Not Rated		

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# TRAIL CONDITION



**Trail Name:** Coyote Creek Lagoon Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T301

**Region:** 8

**TOTAL LENGTH:** 2.19 Miles

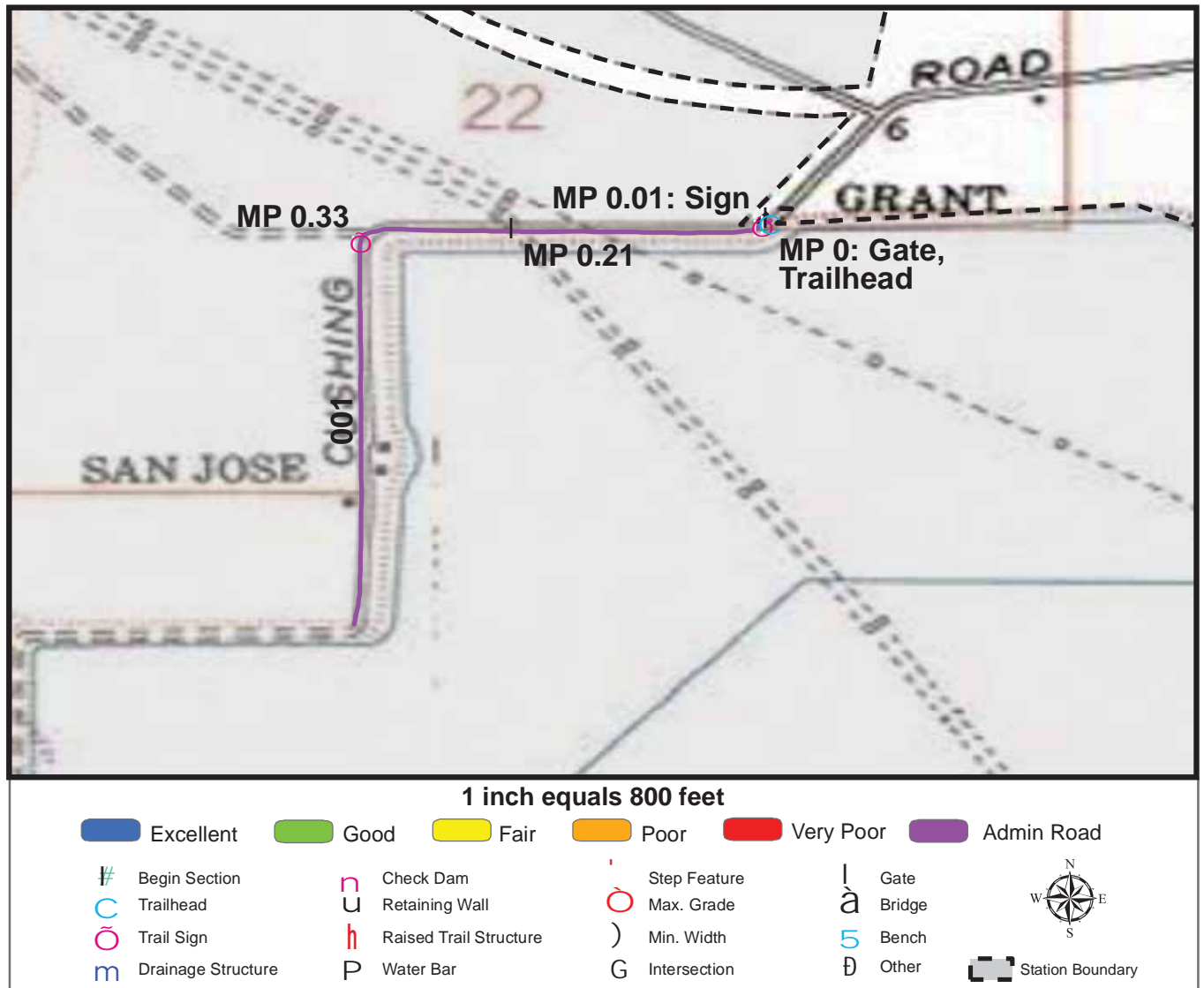
Section Number	001	002		
Section Length (miles)	2.12	0.07		
SAMMS Number	10036720	10036720		
Rating Date	7/17/2007	7/17/2007		
<b>Trail Section Information</b>				
Trail Class	TC3	TC3		
Surface Type	Admin Road	Native		
Surface Firmness	Hard	Hard		
Width (inches)	144	120		
Average Grade (%)	0.6	0.6		
Average X-slope (%)	3	3		
<b>Trail Condition Information</b>				
Deferred Maintenance	\$0	\$0		
CRV	\$0	\$20386		
FCI	0	0		
Condition	Not Rated	Excellent		

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$20386	0	Excellent



# TRAIL CONDITION



**Trail Name:** Warm Springs Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T302

**Region:** 8

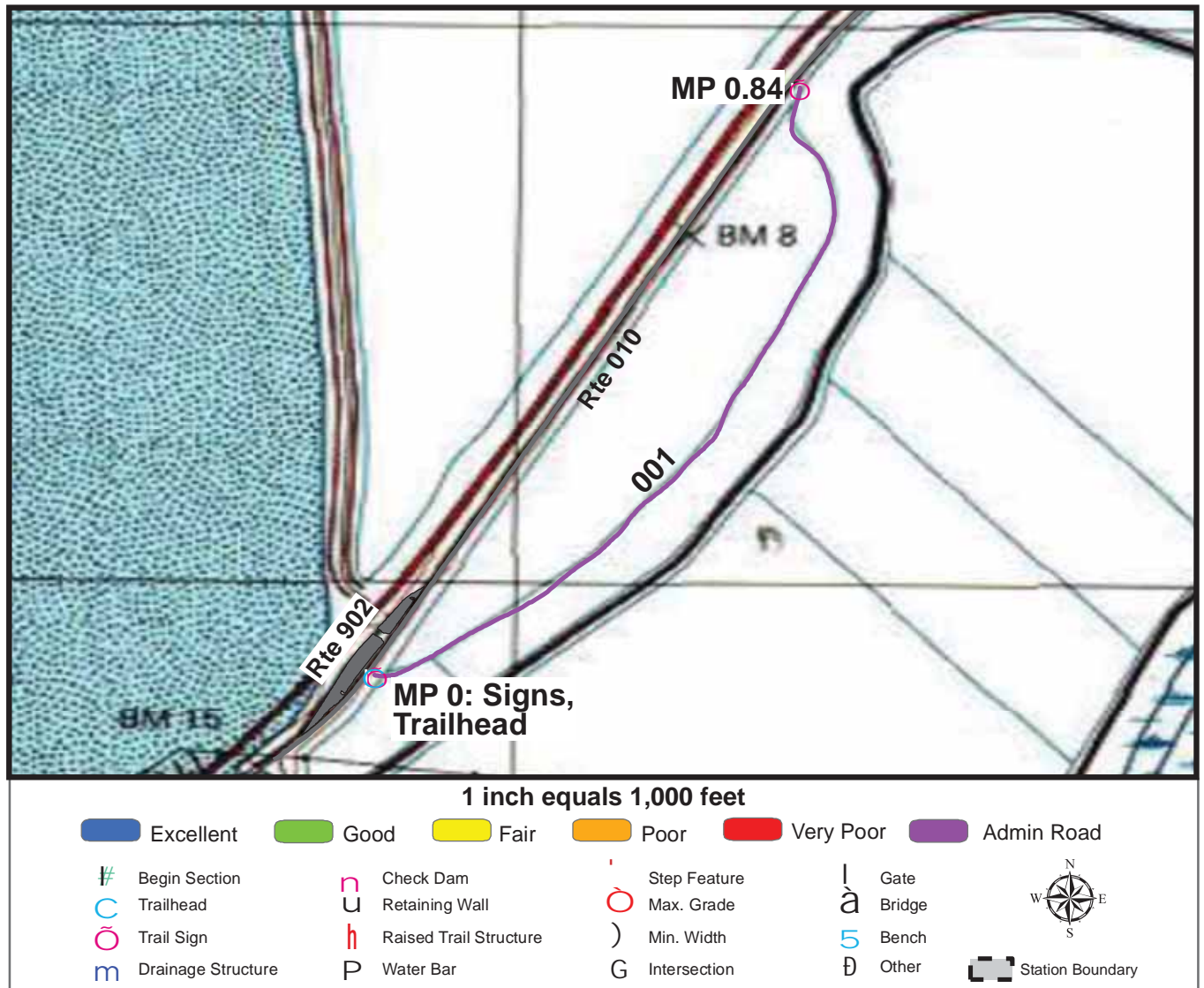
**TOTAL LENGTH:** 0.64 Miles

Section Number	001				
Section Length (miles)	0.64				
SAMMS Number	N/A				
Rating Date	7/17/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Admin Road				
Surface Firmness	Hard				
Width (inches)	120				
Average Grade (%)	0.7				
Average X-slope (%)	1.9				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Not Rated				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# TRAIL CONDITION



**Trail Name:** Crescent Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T303

**Region:** 8

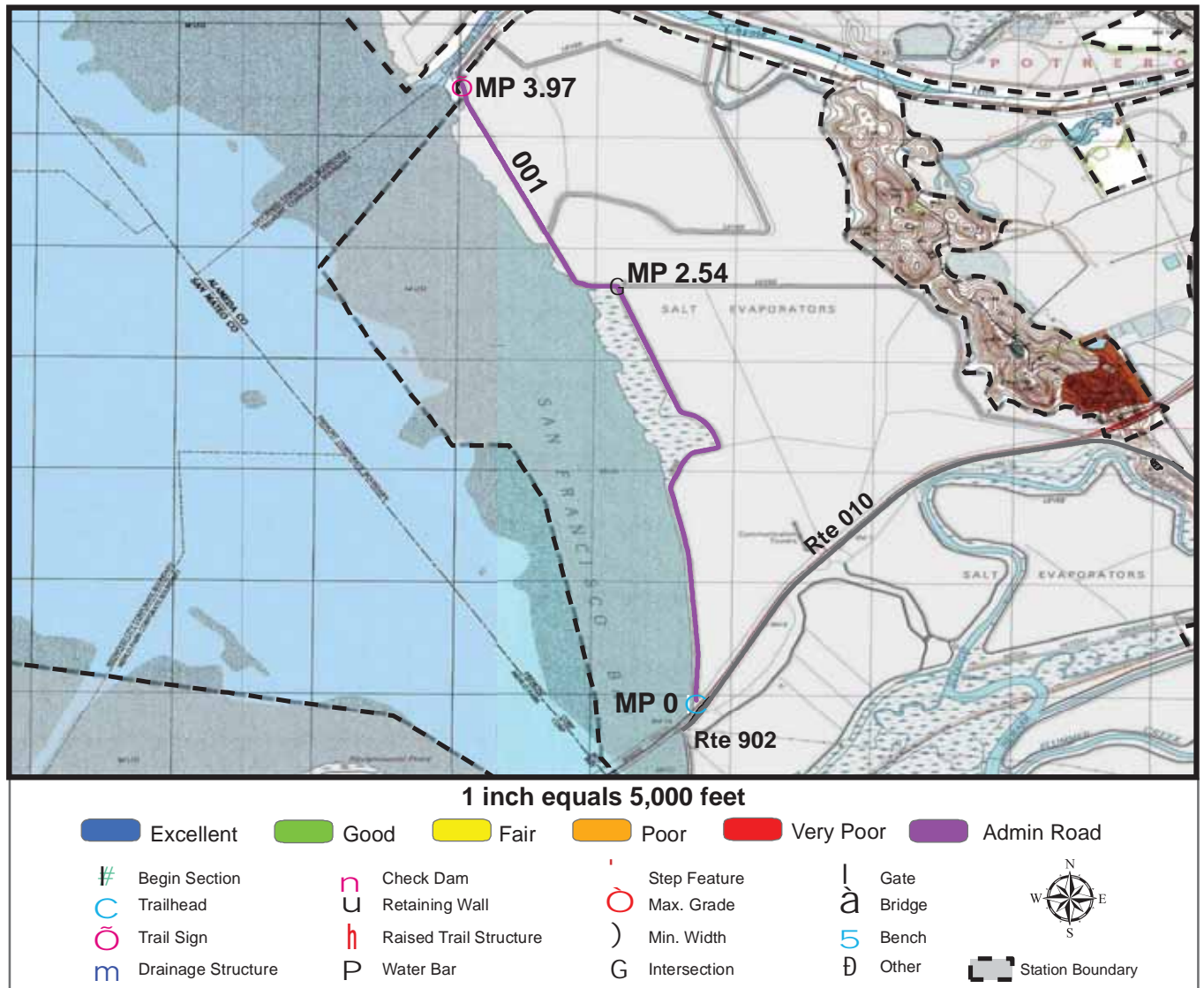
**TOTAL LENGTH:** 0.84 Miles

Section Number	001				
Section Length (miles)	0.84				
SAMMS Number	10000809				
Rating Date	7/17/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Admin Road				
Surface Firmness	Hard				
Width (inches)	96				
Average Grade (%)	0.6				
Average X-slope (%)	2.7				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Not Rated				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# TRAIL CONDITION



**Trail Name:** Shoreline Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T304

**Region:** 8

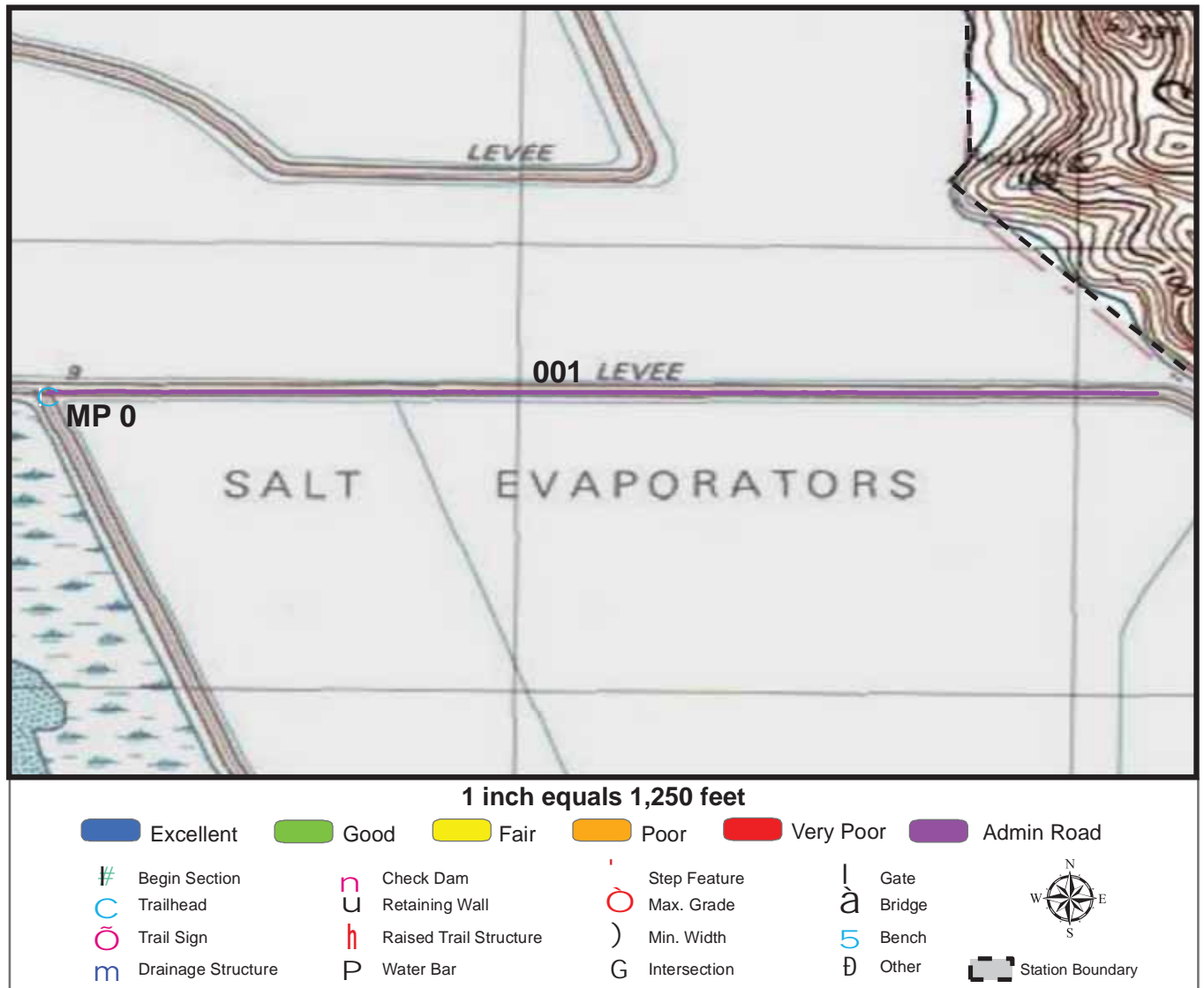
**TOTAL LENGTH:** 3.97 Miles

Section Number	001				
Section Length (miles)	3.97				
SAMMS Number	10000809				
Rating Date	7/17/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Admin Road				
Surface Firmness	Hard				
Width (inches)	120				
Average Grade (%)	1.9				
Average X-slope (%)	2.9				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Not Rated				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# TRAIL CONDITION



**Trail Name:** No Name Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T305

**Region:** 8

**TOTAL LENGTH:** 1.23 Miles

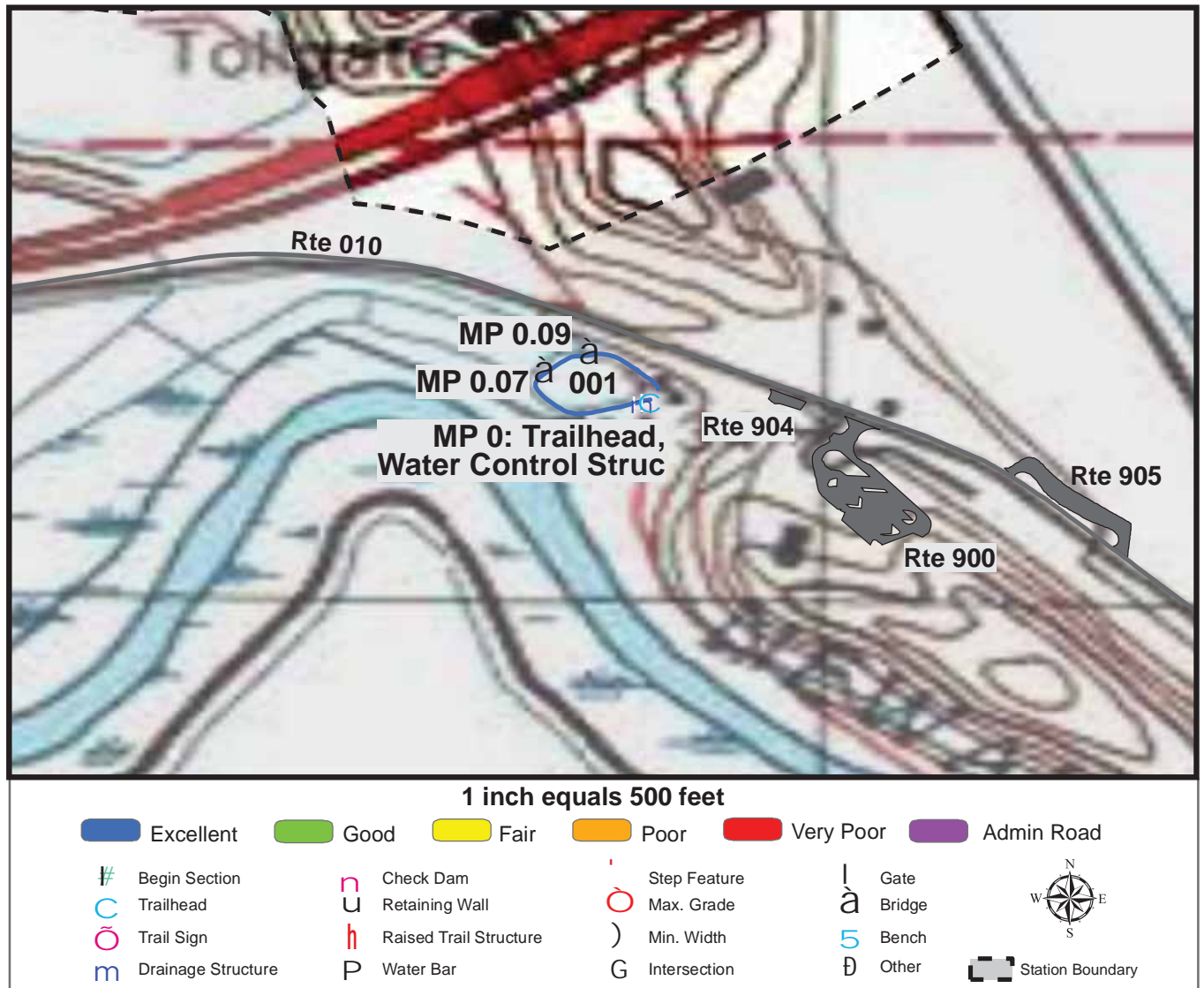
Section Number	001				
Section Length (miles)	1.23				
SAMMS Number	10000809				
Rating Date	7/17/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Admin Road				
Surface Firmness	Hard				
Width (inches)	120				
Average Grade (%)	1.4				
Average X-slope (%)	3.9				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Not Rated				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated



# TRAIL CONDITION



**Trail Name:** Pumphouse Marsh Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T306

**Region:** 8

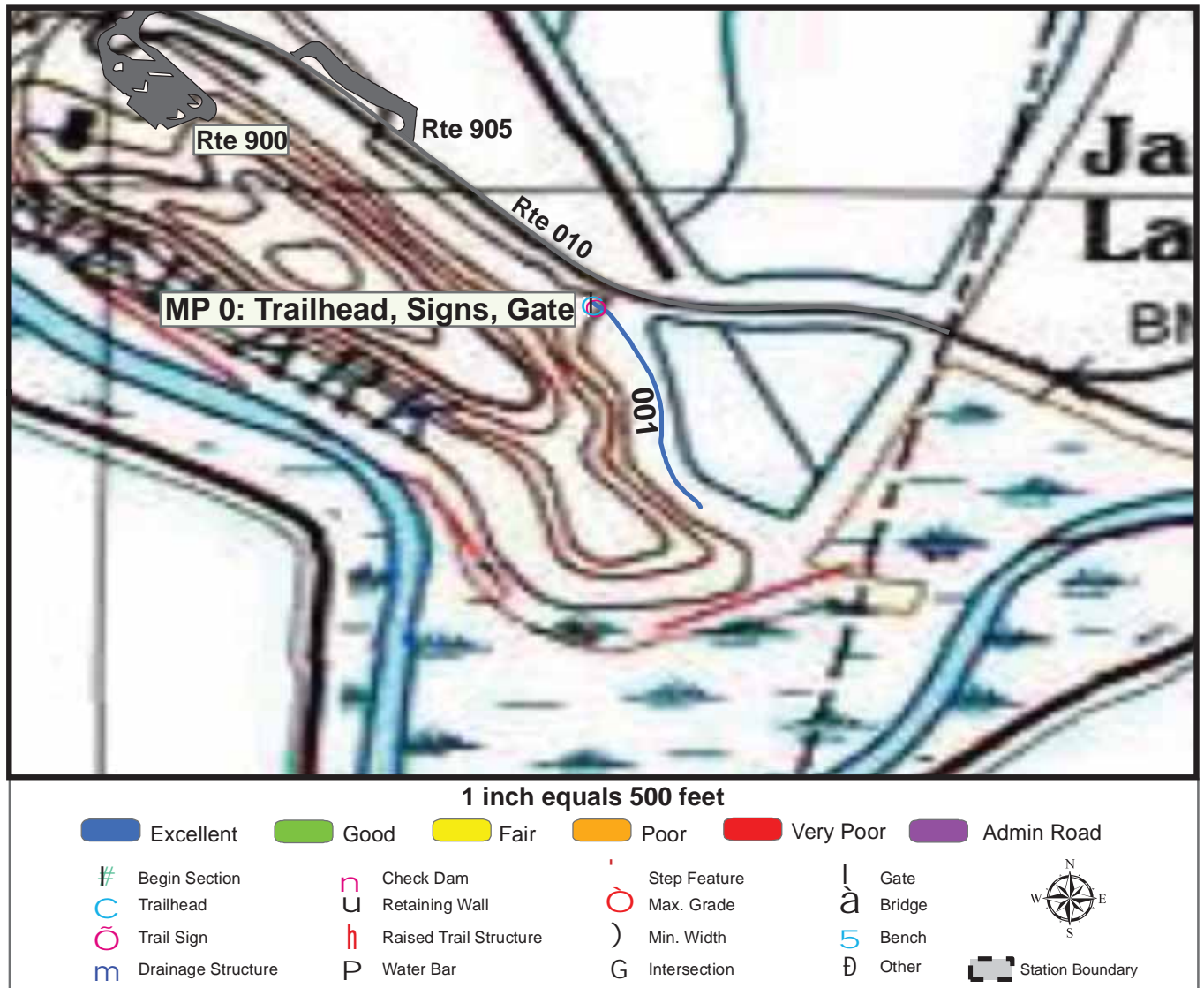
**TOTAL LENGTH:** 0.13 Miles

Section Number	001				
Section Length (miles)	0.13				
SAMMS Number	10049075				
Rating Date	7/17/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Gravel				
Surface Firmness	Hard				
Width (inches)	48				
Average Grade (%)	1.1				
Average X-slope (%)	1.8				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$49235				
FCI	0				
Condition	Excellent				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$49235	0	Excellent

## TRAIL CONDITION



**Trail Name:** Harrier Spur Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T307

**Region:** 8

**TOTAL LENGTH:** 0.13 Miles

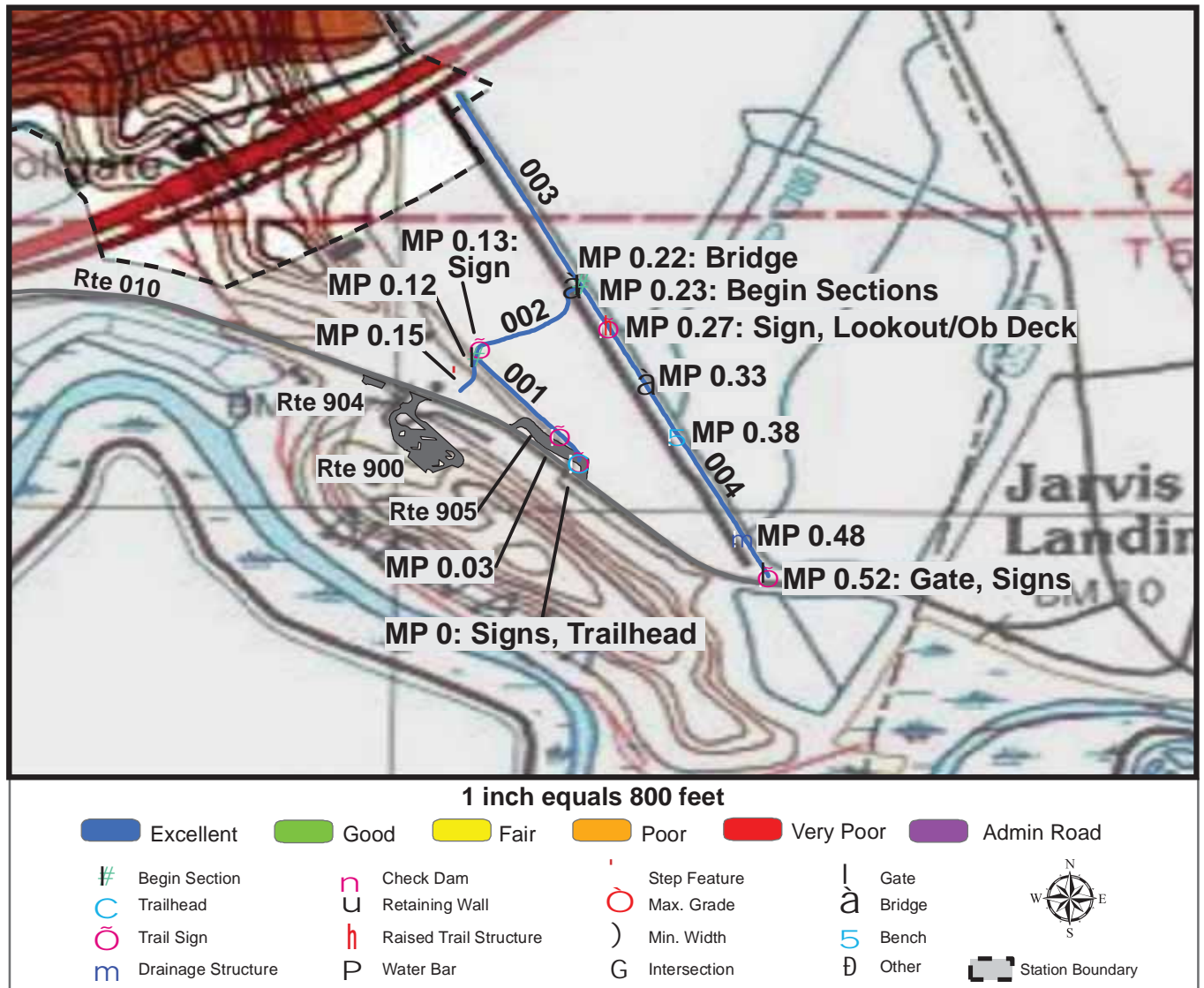
Section Number	001				
Section Length (miles)	0.13				
SAMMS Number	10000833				
Rating Date	7/17/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Gravel				
Surface Firmness	Hard				
Width (inches)	84				
Average Grade (%)	4.8				
Average X-slope (%)	1.5				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$32082				
FCI	0				
Condition	Excellent				

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$32082	0	Excellent



# TRAIL CONDITION



**Trail Name:** LaRiviere Marsh Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T308

**Region:** 8

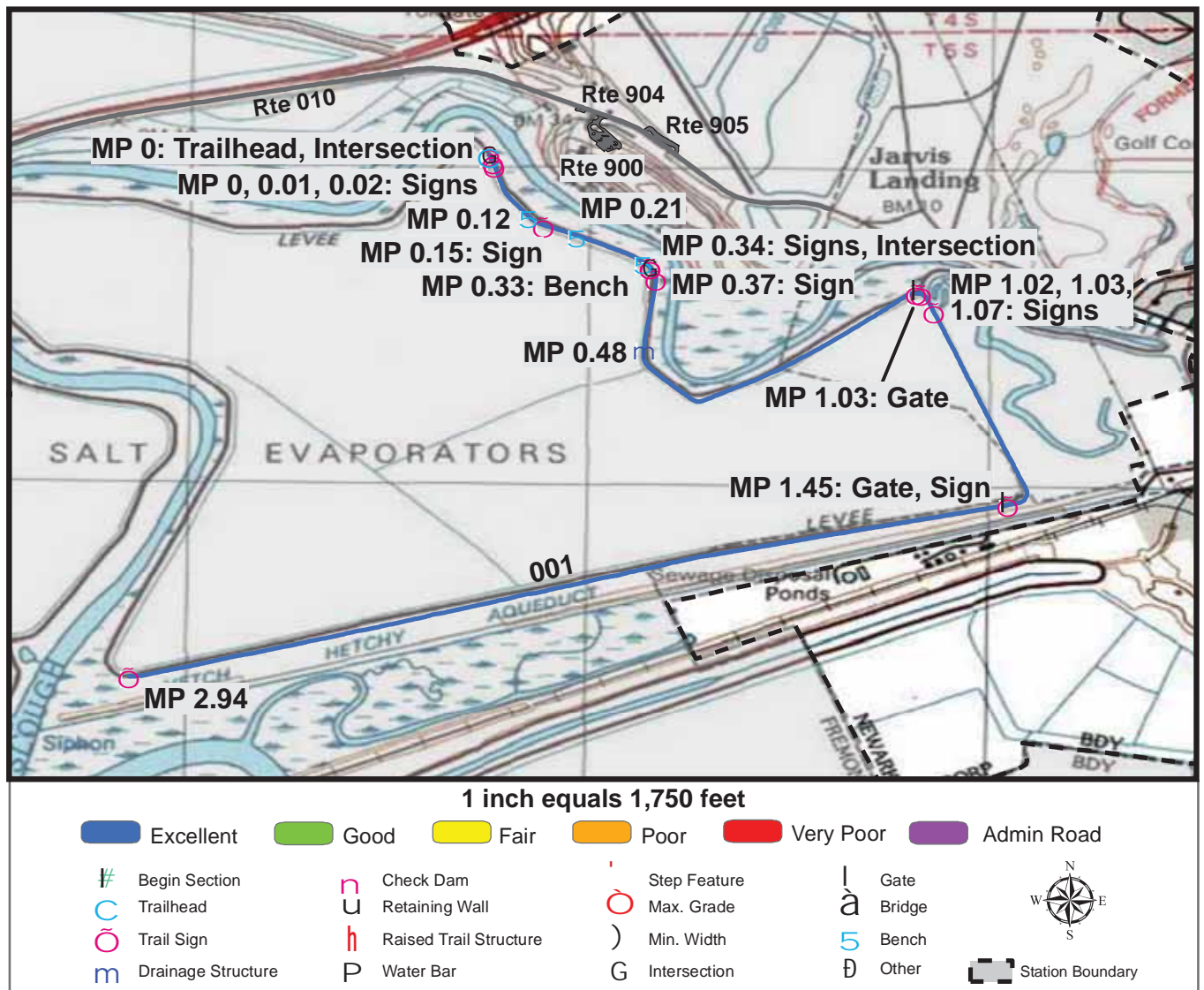
**TOTAL LENGTH:** 0.74 Miles

Section Number	001	002	003	004
Section Length (miles)	0.15	0.11	0.19	0.29
SAMMS Number	10000807	10000807	10000807	10000807
Rating Date	7/18/2007	7/18/2007	7/18/2007	7/18/2007
<b>Trail Section Information</b>				
Trail Class	TC3	TC5	TC3	TC3
Surface Type	Gravel	Boardwalk	Gravel	Gravel
Surface Firmness	Firm	Hard	Firm	Firm
Width (inches)	180	60	72	72
Average Grade (%)	3.2	3.2	3.2	3.2
Average X-slope (%)	1.5	1.5	1.5	1.5
<b>Trail Condition Information</b>				
Deferred Maintenance	\$0	\$0	\$0	\$0
CRV	\$80050	\$106264	\$38445	\$84729
FCI	0	0	0	0
Condition	Excellent	Excellent	Excellent	Excellent

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$309488	0	Excellent

# TRAIL CONDITION



**Trail Name:** Newark Slough Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T309

**Region:** 8

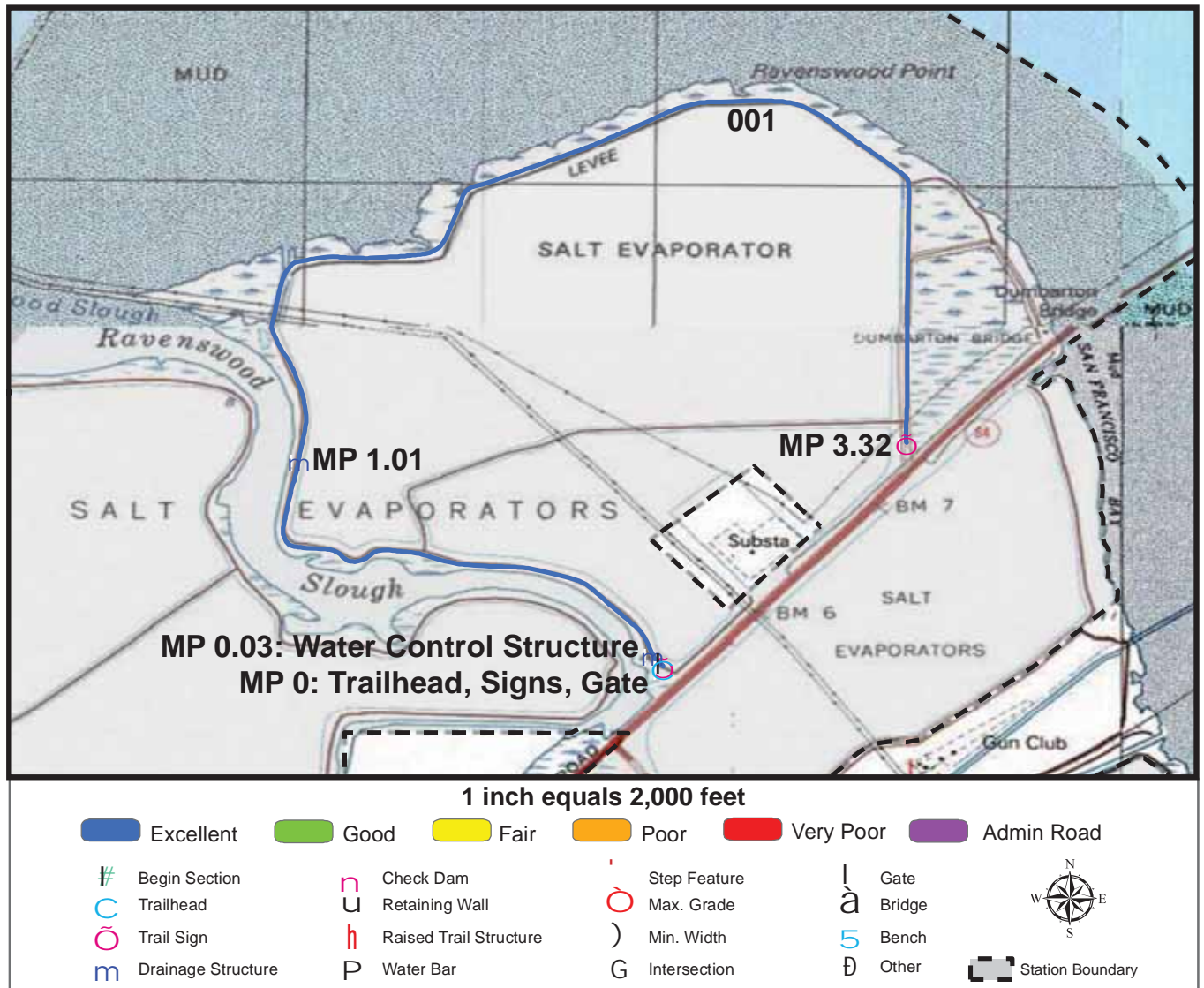
**TOTAL LENGTH:** 2.94 Miles

Section Number	001				
Section Length (miles)	2.94				
SAMMS Number	10000817				
Rating Date	7/18/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Gravel				
Surface Firmness	Firm				
Width (inches)	96				
Average Grade (%)	0.9				
Average X-slope (%)	2.7				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$792821				
FCI	0				
Condition	Excellent				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$792821	0	Excellent

# TRAIL CONDITION



**Trail Name:** Ravenswood Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T310

**Region:** 8

**TOTAL LENGTH:** 3.32 Miles

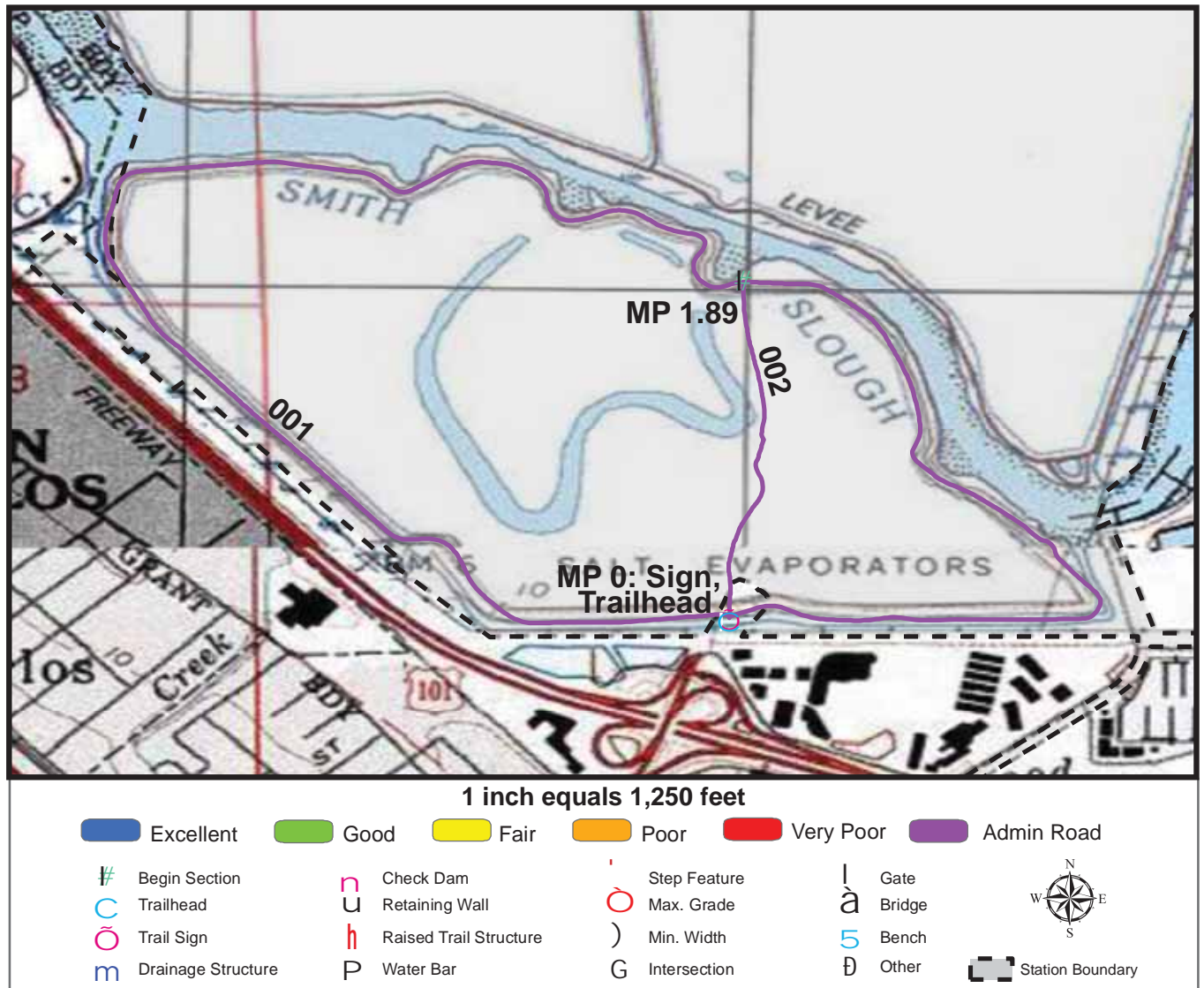
Section Number	001				
Section Length (miles)	3.32				
SAMMS Number	10000808				
Rating Date	7/18/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Gravel				
Surface Firmness	Firm				
Width (inches)	144				
Average Grade (%)	2.3				
Average X-slope (%)	5.5				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$1338975				
FCI	0				
Condition	Excellent				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$1338975	0	Excellent



# TRAIL CONDITION



**Trail Name:** Inner Bair Island Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T311

**Region:** 8

**TOTAL LENGTH:** 3.47 Miles

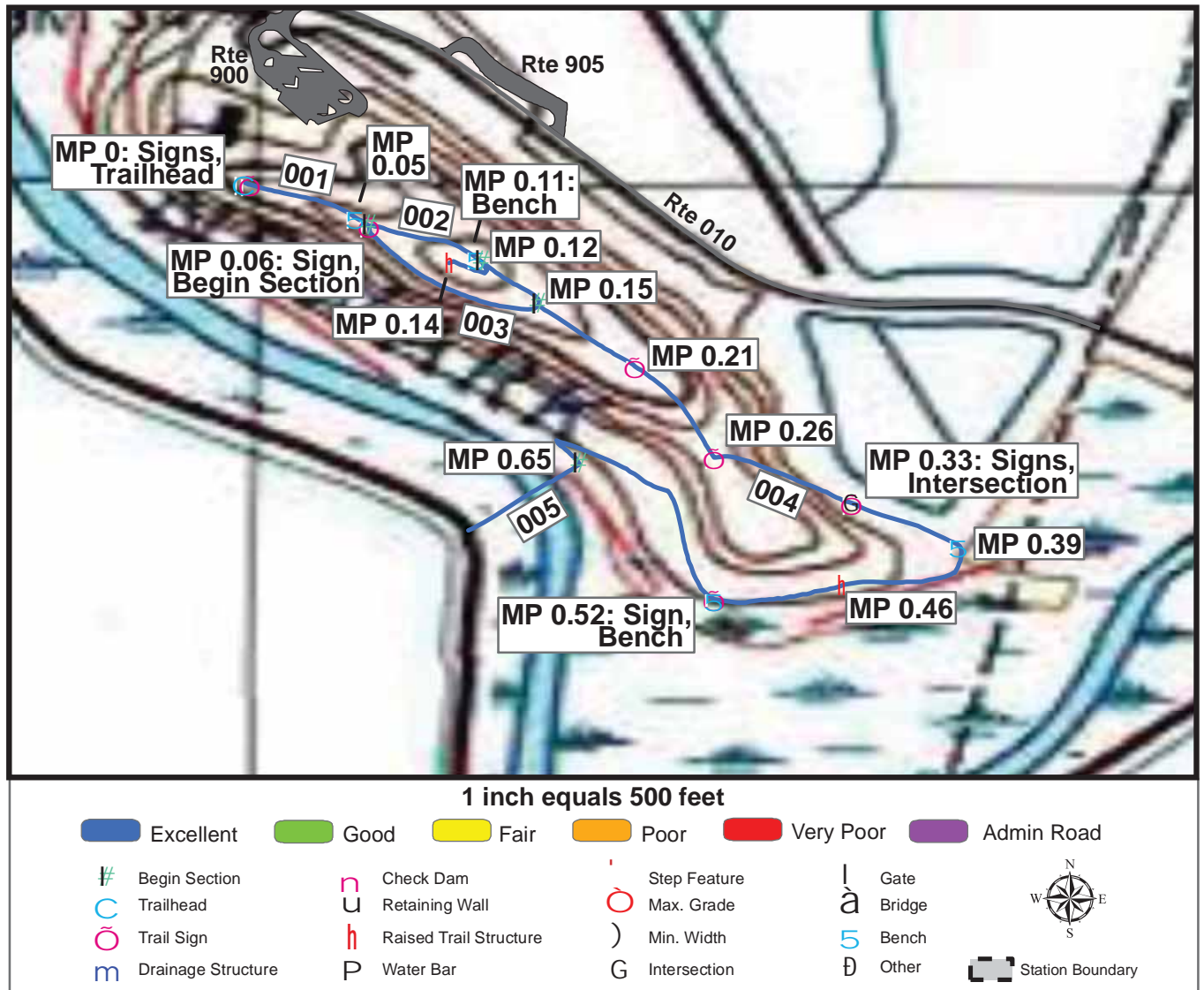
Section Number	001	002			
Section Length (miles)	2.99	0.48			
SAMMS Number	10000853	10000853			
Rating Date	7/18/2007	7/18/2007			
<b>Trail Section Information</b>					
Trail Class	TC3	TC3			
Surface Type	Admin Road	Admin Road			
Surface Firmness	Firm	Firm			
Width (inches)	48	48			
Average Grade (%)	2	2			
Average X-slope (%)	3	3			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$0	\$0			
FCI	0	0			
Condition	Not Rated	Not Rated			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated



# TRAIL CONDITION



**Trail Name:** Tideland Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T312

**Region:** 8

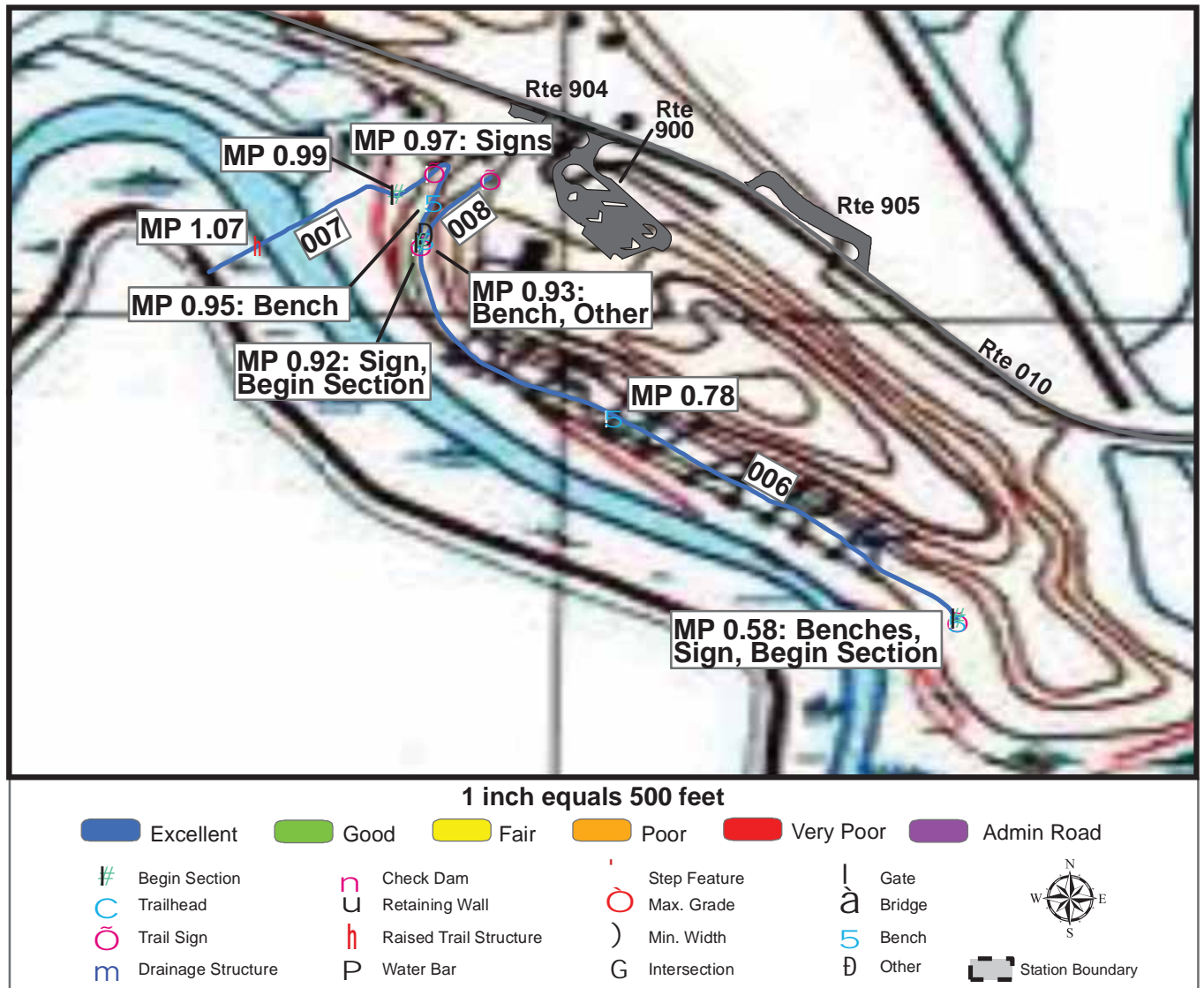
**TOTAL LENGTH:** 1.39 Miles

Section Number	001	002	003	004	005
Section Length (miles)	0.06	0.08	0.13	0.5	0.06
SAMMS Number	10000833	10000833	10000833	10000833	10051501
Rating Date	7/19/2007	7/19/2007	7/19/2007	7/19/2007	7/19/2007
<b>Trail Section Information</b>					
Trail Class	TC3	TC3	TC3	TC3	TC5
Surface Type	Gravel	Gravel	Gravel	Gravel	Boardwalk
Surface Firmness	Firm	Firm	Firm	Firm	Hard
Width (inches)	160	96	96	96	60
Average Grade (%)	4.2	4.2	4.2	4.2	4.2
Average X-slope (%)	0.9	0.9	0.9	0.9	0.9
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0	\$0	\$0
CRV	\$27478	\$21382	\$34889	\$134813	\$164313
FCI	0	0	0	0	0
Condition	Excellent	Excellent	Excellent	Excellent	Excellent

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$719686	0	Excellent

# TRAIL CONDITION



**Trail Name:** Tideland Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T312

**Region:** 8

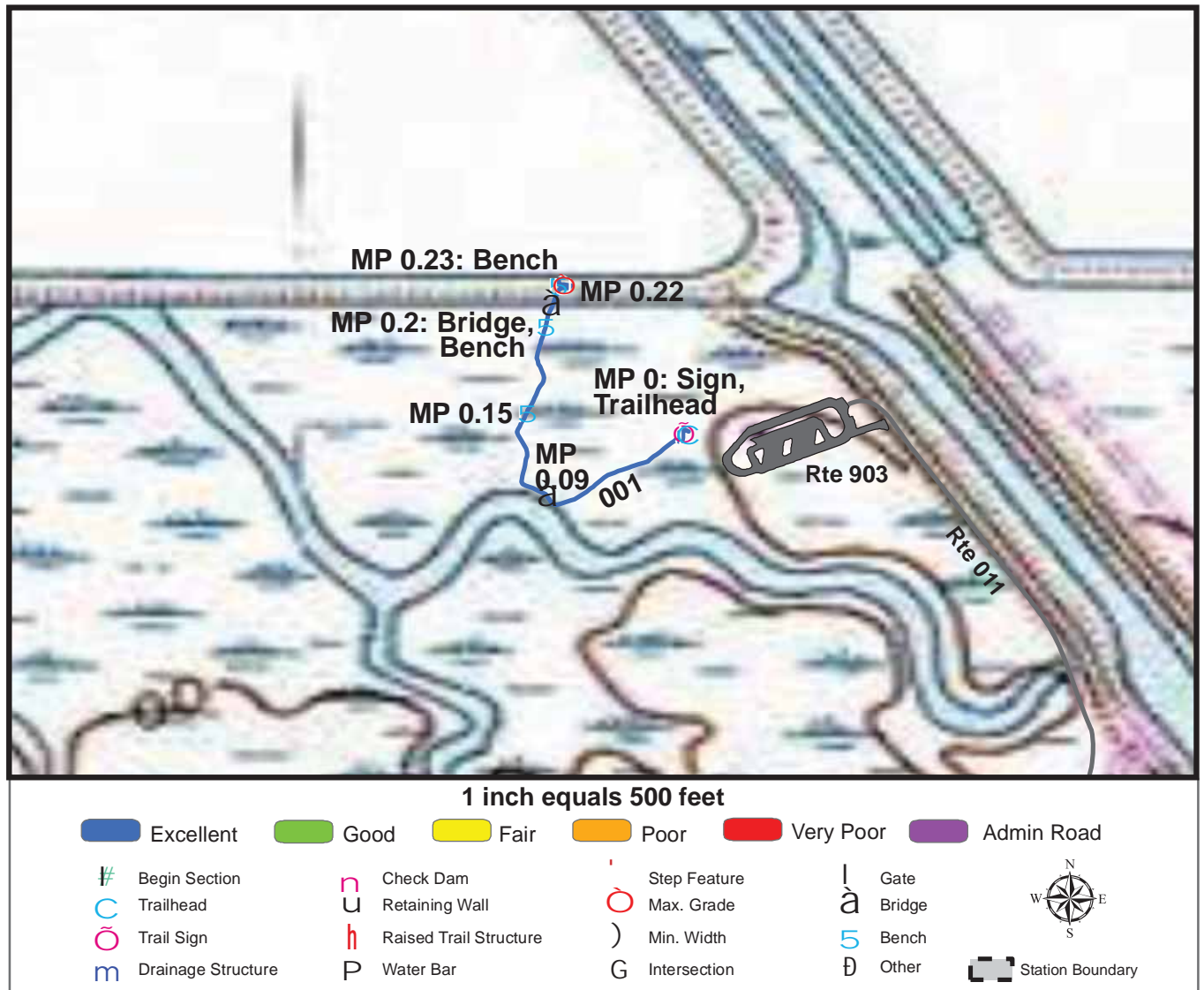
**TOTAL LENGTH:** 1.39 Miles

Section Number	006	007	008		
Section Length (miles)	0.41	0.1	0.05		
SAMMS Number	10000833	10000814	10000833		
Rating Date	7/19/2007	7/19/2007	7/19/2007		
<b>Trail Section Information</b>					
Trail Class	TC3	TC5	TC3		
Surface Type	Gravel	Boardwalk	Gravel		
Surface Firmness	Hard	Hard	Hard		
Width (inches)	96	60	96		
Average Grade (%)	4.2	4.2	4.2		
Average X-slope (%)	0.9	0.9	0.9		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0		
CRV	\$109525	\$214134	\$13152		
FCI	0	0	0		
Condition	Excellent	Excellent	Excellent		

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$719686	0	Excellent

# TRAIL CONDITION



**Trail Name:** New Chicago Marsh Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T500

**Region:** 8

**TOTAL LENGTH:** 0.23 Miles

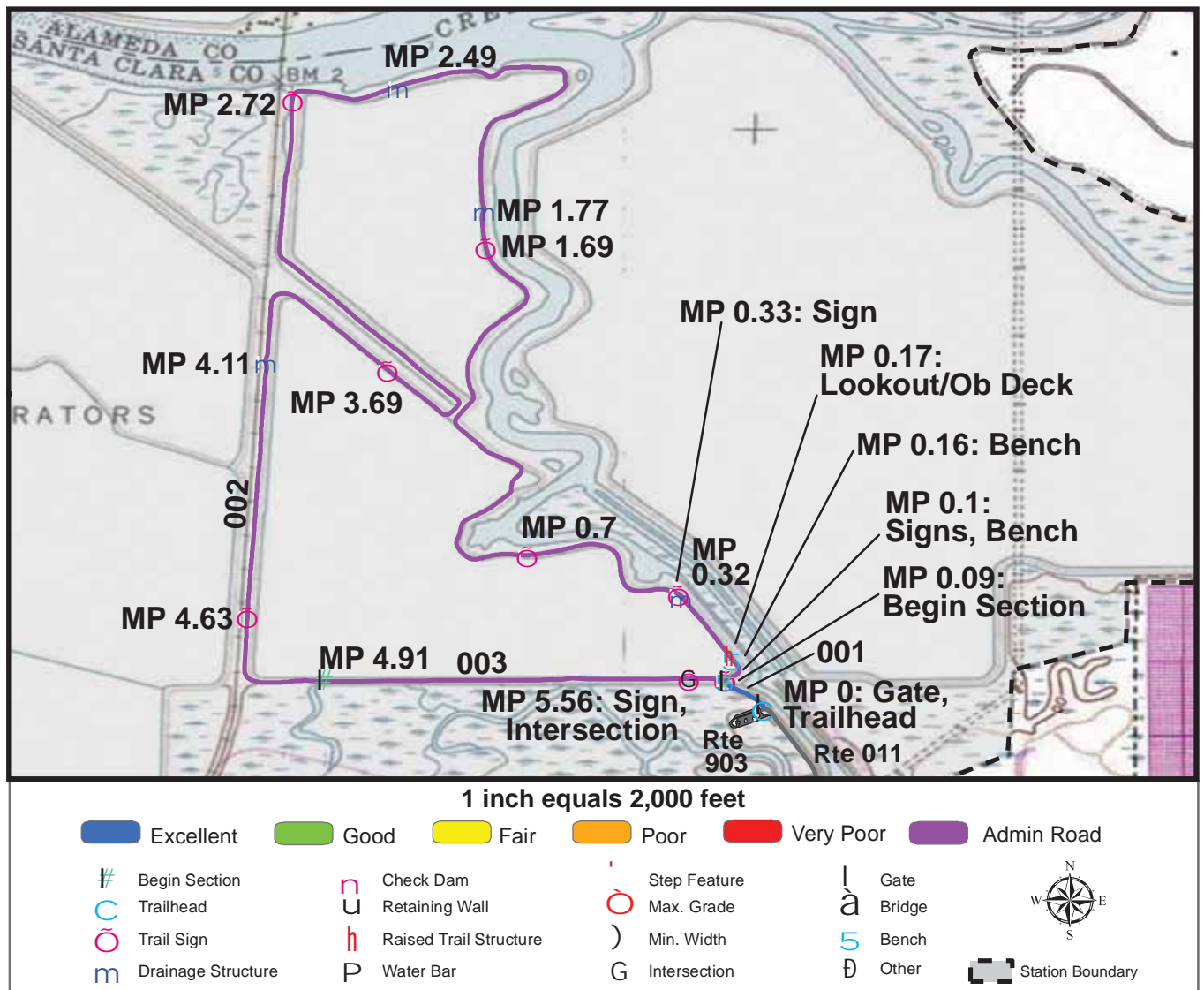
Section Number	001				
Section Length (miles)	0.23				
SAMMS Number	10000831				
Rating Date	7/16/2007				
<b>Trail Section Information</b>					
Trail Class	TC5				
Surface Type	Boardwalk				
Surface Firmness	Hard				
Width (inches)	72				
Average Grade (%)	0.8				
Average X-slope (%)	0.6				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$274809				
FCI	0				
Condition	Excellent				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$274809	0	Excellent



# TRAIL CONDITION



**Trail Name:** Mallard Slough Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T501

**Region:** 8

**TOTAL LENGTH:** 5.62 Miles

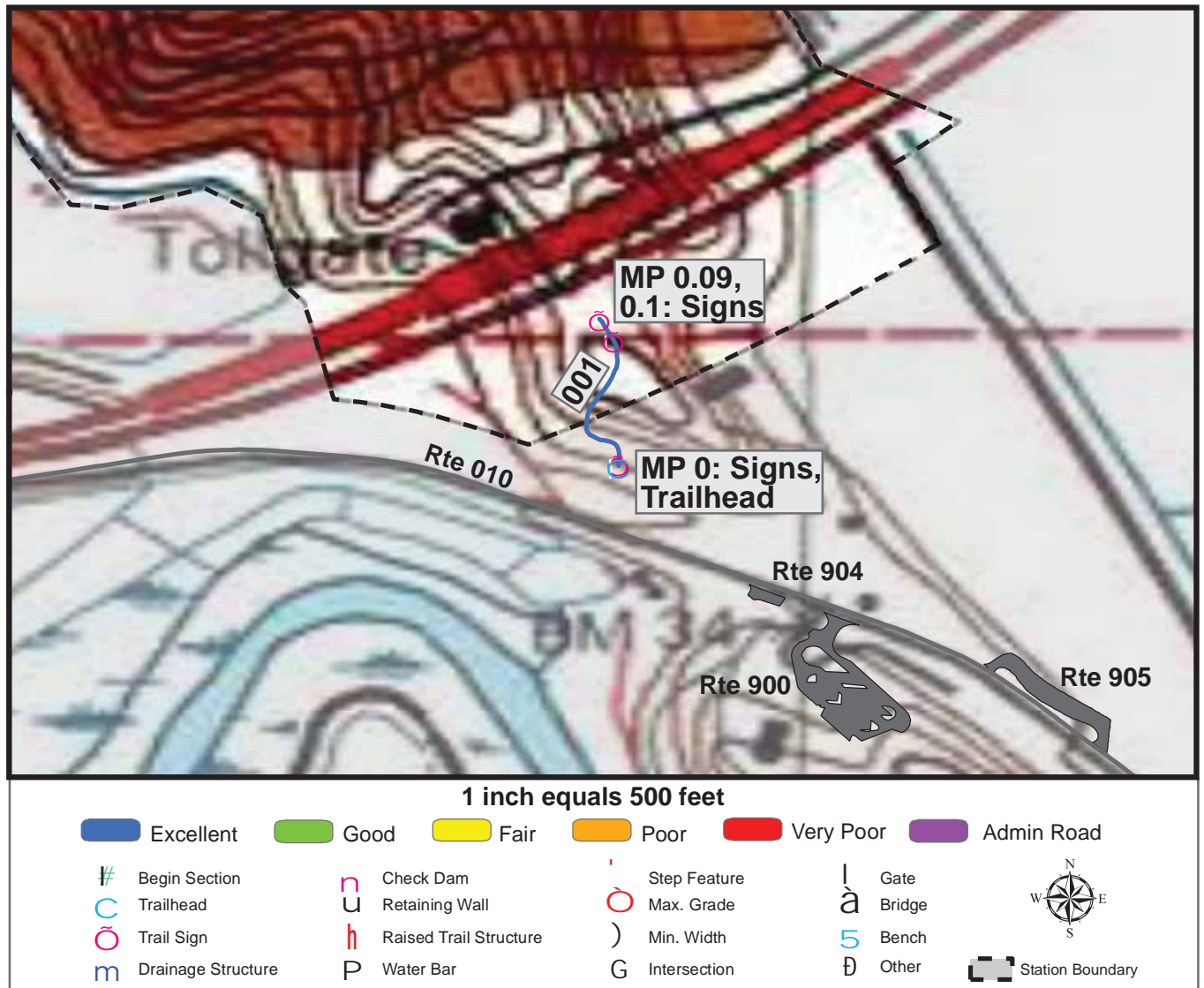
Section Number	001	002	003		
Section Length (miles)	0.09	4.82	0.71		
SAMMS Number	10046675	10046675	10046675		
Rating Date	7/16/2007	7/16/2007	7/16/2007		
<b>Trail Section Information</b>					
Trail Class	TC5	TC3	TC3		
Surface Type	Asphalt	Admin Road	Admin Road		
Surface Firmness	Paved	Hard	Hard		
Width (inches)	144	144	144		
Average Grade (%)	2.2	2.2	2.2		
Average X-slope (%)	2.2	2.2	2.2		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0		
CRV	\$47960	\$0	\$0		
FCI	0	0	0		
Condition	Excellent	Not Rated	Not Rated		

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$47960	0	Excellent



# TRAIL CONDITION



**Trail Name:** Quarry Trail

**Refuge Name:** Don Edwards San Francisco Bay NWR

**Trail Number:** T502

**Region:** 8

**TOTAL LENGTH:** 0.1 Miles

Section Number	001				
Section Length (miles)	0.1				
SAMMS Number	10036721				
Rating Date	7/17/2007				
<b>Trail Section Information</b>					
Trail Class	TC5				
Surface Type	Asphalt				
Surface Firmness	Paved				
Width (inches)	84				
Average Grade (%)	2.5				
Average X-slope (%)	1.4				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$28634				
FCI	0				
Condition	Excellent				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$28634	0	Excellent

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T200**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 80 - MP 0.0 - Trailhead

TRAIL NUMBER: **T200**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 81 - MP 0.0 - Signs



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 18 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 20 - MP 1.2 - Begin Section 003

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 19 - MP 4.8 - Begin Section 002

TRAIL NUMBER: **T301**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 21 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 22 - MP 0.0 - Signs

TRAIL NUMBER: **T301**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 23 - MP 0.28 - Sign (Grouped)

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 26 - MP 1.68 - Signs

TRAIL NUMBER: **T301**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 27 - MP 1.68 - Begin Section 002



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 25 - MP 2.0 - Sign (Grouped)

TRAIL NUMBER: **T302**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 28 - MP 0.0 - Trailhead

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T302**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 29 - MP 0.01 - Sign

TRAIL NUMBER: **T302**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 30 - MP 0.33 - Signs



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T303**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 34 - MP 0.0 - Trailhead

TRAIL NUMBER: **T303**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 33 - MP 0.0 - Signs

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T303**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 31/32 - MP 0.84 - Signs

TRAIL NUMBER: **T304**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 35 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T304**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 37 - MP 3.97 - Signs

TRAIL NUMBER: **T305**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 38 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T306**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 44 - MP 0.0 - Trailhead

TRAIL NUMBER: **T306**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 45 - MP 0.07 - Bridge

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T306**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 46 - MP 0.09 - Bridge

TRAIL NUMBER: **T307**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 47 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T307**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 48 - MP 0.0 - Signs

TRAIL NUMBER: **T308**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 50 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T308**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 49 - MP 0.0 - Signs

TRAIL NUMBER: **T308**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 51 - MP 0.03 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T308**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 53 - MP 0.12 - Begin Section 002

TRAIL NUMBER: **T308**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 52 - MP 0.13 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T308**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 54 - MP 0.22 - Bridge

TRAIL NUMBER: **T308**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 55 - MP 0.23 - Begin Section 003



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T308**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 56 - MP 0.23 - Begin Section 004

TRAIL NUMBER: **T308**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 57 - MP 0.27 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T308**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 58 - MP 0.33 - Bridge

TRAIL NUMBER: **T308**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 59 - MP 0.52 - Signs



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 61 - MP 0.0 - Trailhead

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 60 - MP 0.0 - Signs



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 62 - MP 0.01 - Signs

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 63 - MP 0.02 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 64 - MP 0.15 - Sign

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 65 - MP 0.34 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 66 - MP 0.34 - Signs

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 67 - MP 0.37 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 69 - MP 1.02 - Sign

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 68 - MP 1.03 - Signs

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 70 - MP 1.07 - Sign

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 71 - MP 1.45 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T309**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 72 - MP 2.94 - Sign

TRAIL NUMBER: **T310**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 75 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T310**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 74 - MP 0.0 - Signs (Grouped)

TRAIL NUMBER: **T310**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 76 - MP 3.32 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T311**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 78 - MP 0.0 - Trailhead

TRAIL NUMBER: **T311**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 77 - MP 0.0 - Signs



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T311**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/18/2007



Photo # 79 - MP 1.89 - Begin Section 002

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 83 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 84 - MP 0.0 - Signs

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 85 - MP 0.06 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 86 - MP 0.06 - Begin Section 002

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 87 - MP 0.12 - Begin Section 003



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 88 - MP 0.15 - Begin Section 004

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 89 - MP 0.21 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 90 - MP 0.26 - Sign (Grouped)

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 92 - MP 0.33 - Signs

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 93 - MP 0.52 - Sign

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 96 - MP 0.58 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 97 - MP 0.58 - Begin Section 006

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 94 - MP 0.65 - Begin Section 005



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 101 - MP 0.92 - Sign

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 102 - MP 0.92 - Begin Section 008

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 103 - MP 0.97 - Signs

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 98 - MP 0.97 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T312**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/19/2007



Photo # 99 - MP 0.99 - Begin Section 007

TRAIL NUMBER: **T500**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 1 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 2 - MP 0.0 - Sign

TRAIL NUMBER: **T500**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 3 - MP 0.09 - Bridge

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 4 - MP 0.2 - Bridge

TRAIL NUMBER: **T501**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 5 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T501**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 6 - MP 0.09 - Begin Section 002

TRAIL NUMBER: **T501**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 7 - MP 0.1 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T501**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 8 - MP 0.1 - Sign

TRAIL NUMBER: **T501**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 9 - MP 0.33 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T501**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 10 - MP 0.7 - Sign

TRAIL NUMBER: **T501**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 11 - MP 1.69 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T501**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 12 - MP 2.72 - Sign

TRAIL NUMBER: **T501**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 14 - MP 3.69 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T501**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 15 - MP 4.63 - Sign

TRAIL NUMBER: **T501**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 16 - MP 4.91 - Begin Section 003

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T501**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/16/2007



Photo # 17 - MP 5.56 - Sign

TRAIL NUMBER: **T502**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 39 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T502**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 40 - MP 0.0 - Sign

TRAIL NUMBER: **T502**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 41 - MP 0.0 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T502**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 42 - MP 0.09 - Signs

TRAIL NUMBER: **T502**

STATION: Don Edwards San Francisco Bay NWR

DATE: 7/17/2007



Photo # 43 - MP 0.1 - Signs



# **The Trail Inventory of Humboldt Bay National Wildlife Refuge Loleta, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
June 2007**



# Humboldt Bay National Wildlife Refuge

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native	2.35	46%		0%		0%		0%		0%		0%	2.35
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk	0.02	0%		0%		0%		0%		0%		0%	0.02
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed	2.76	54%		0%		0%		0%		0%		0%	2.76
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	5.13	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	5.13

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2	1.21	24%		0%		0%		0%		0%		0%	1.21
TC3	3.90	76%		0%		0%		0%		0%		0%	3.90
TC4	0.02	0%		0%		0%		0%		0%		0%	0.02
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	5.13	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	5.13

\* Admin Roads are included in the inventory but are not rated for condition.

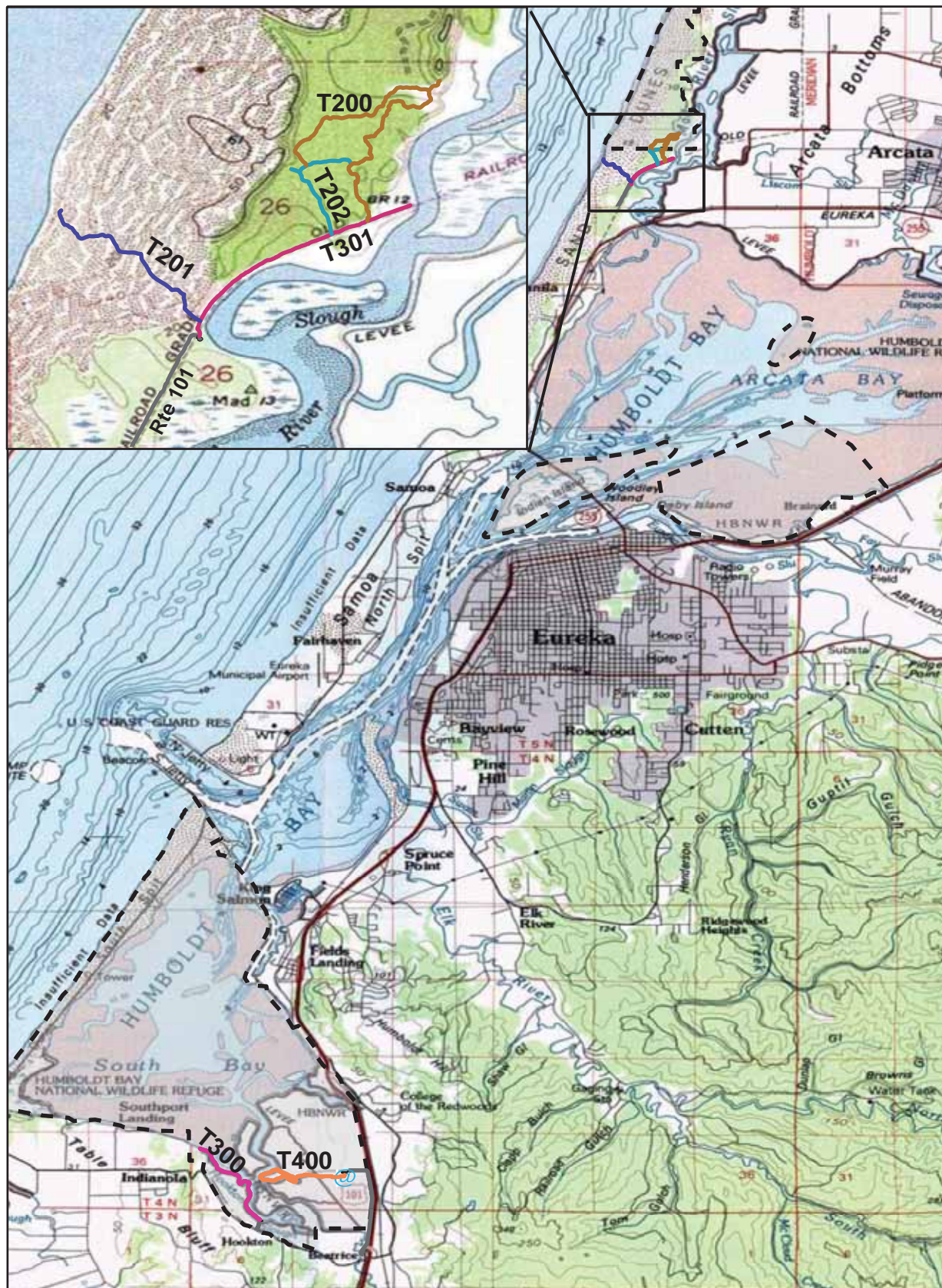


## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T200	Step: Log -each	16	No	0.10	N/A
T200	Sign	1	No	0.11	26
T200	Bench	1	No	0.11	N/A
T200	Sign	1	No	0.89	42
T200	Sign	1	No	0.90	41
T200	Sign	2	Yes	N/A	43
T202	Bench	1	No	0.13	N/A
T300	Sign	1	No	0.00	7
T300	Sign	1	No	0.25	2
T300	Water Control Structure	1	No	0.25	N/A
T300	Bench	1	No	0.53	N/A
T300	Sign	1	No	0.53	3
T300	Water Control Structure	1	No	0.66	N/A
T300	Sign	1	No	0.83	4
T300	Bench	1	No	1.23	N/A
T300	Sign	1	No	1.23	5
T300	Sign	1	No	1.35	6
T300	Gate	1	No	1.35	N/A
T301	Bench	1	No	0.00	N/A
T301	Bench	1	No	0.23	N/A
T301	Lookout/Ob Deck	1	No	0.31	N/A
T301	Bench	1	No	0.33	N/A
T400	Sign	5	No	0.00	9
T400	Sign	3	No	0.05	12
T400	Water Control Structure	1	No	0.05	N/A
T400	Gate	1	No	0.05	N/A
T400	Sign	2	No	0.05	13
T400	Water Control Structure	1	No	0.13	N/A
T400	Lookout/Ob Deck	1	No	0.14	N/A
T400	Sign	1	No	0.14	15
T400	Sign	1	No	0.14	14
T400	Sign	1	No	0.15	16
T400	Sign	3	No	0.39	17
T400	Sign	1	No	0.56	18
T400	Bench	1	No	0.56	N/A
T400	Water Control Structure	1	No	0.57	N/A
T400	Water Control Structure	1	No	0.85	N/A
T400	Bench	1	No	0.96	N/A
T400	Sign	2	No	0.97	19
T400	Bridge -sf	450	No	1.01	21
T400	Water Control Structure	1	No	1.18	N/A

sf-square feet  
lf-linear feet  
cf-cubic feet

# HUMBOLDT BAY NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



Station Boundary



HQ/VC

0 1 2 Miles



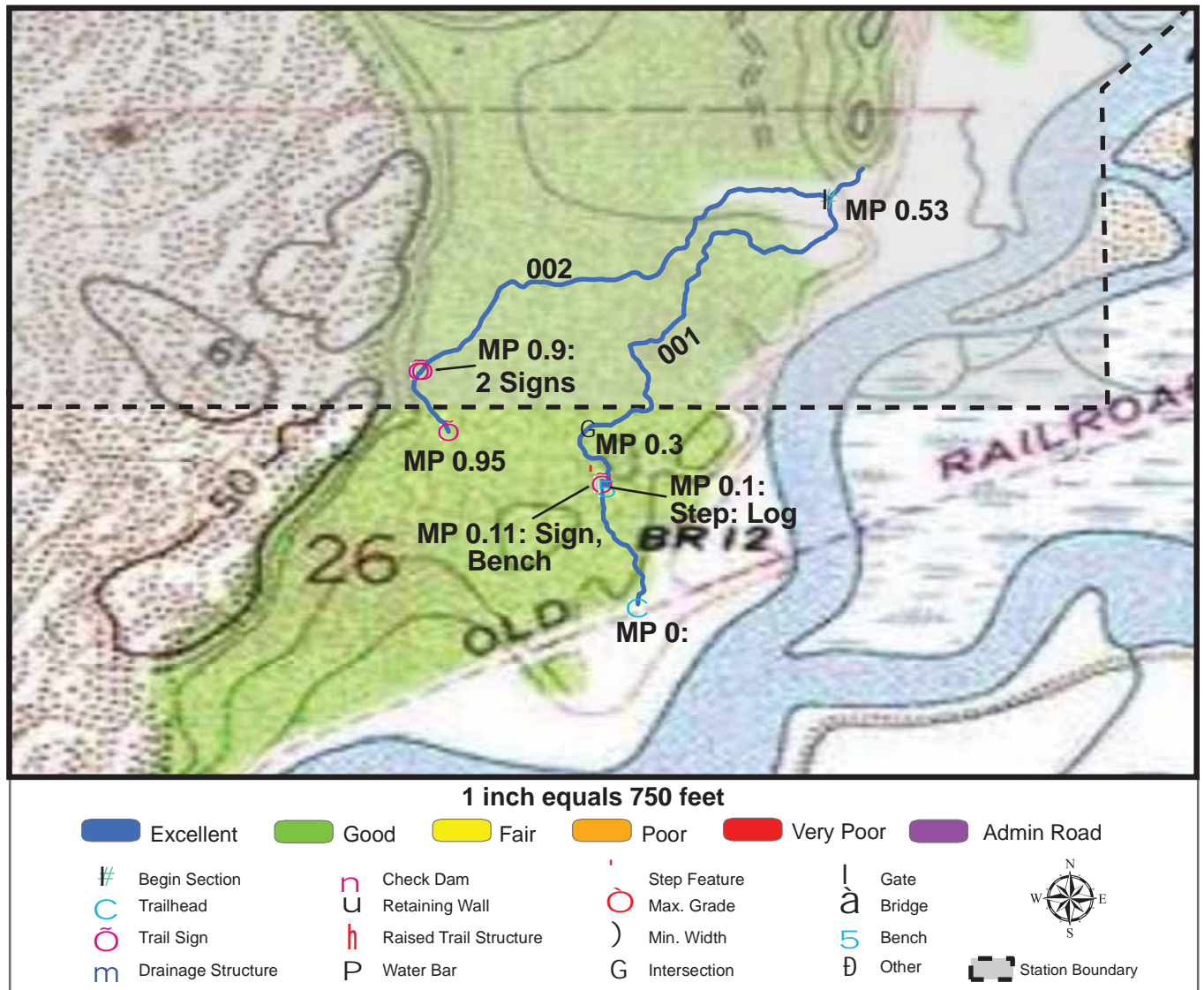
## TRAILS ID

**Station Name: Humboldt Bay NWR**

**Org. Code: 81590**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T200	Hop'o'y Loop Trail	Native	10056315	0.99	From Cukish Trail (T301) to end of trail at Hudt Trail (T202)
T201	Ki'mak Trail	Native	10056315	0.47	From Cukish Trail (T301) to ocean
T202	Hudt Trail	Native	10056315	0.32	From Cukish Trail (T301) to Hop'o'y Loop Trail (T200)
T300	Hookton Slough Trail	Mowed	10000117	1.35	From Hookton Slough Trailhead Parking (Rte 901) to end of trail
T301	Cukish Trail	Native	10056315	0.57	From Ma-le'l Dunes Parking (Rte 904) to end of trail at old railroad bridge
T400	Shorebird Loop Trail	Boardwalk, Mowed	10000129	1.43	From Headquarters/Visitor Center Parking (Rte 900) to end of loop

# TRAIL CONDITION



**Trail Name:** Hop'o'y Loop Trail

**Refuge Name:** Humboldt Bay NWR

**Trail Number:** T200

**Region:** 8

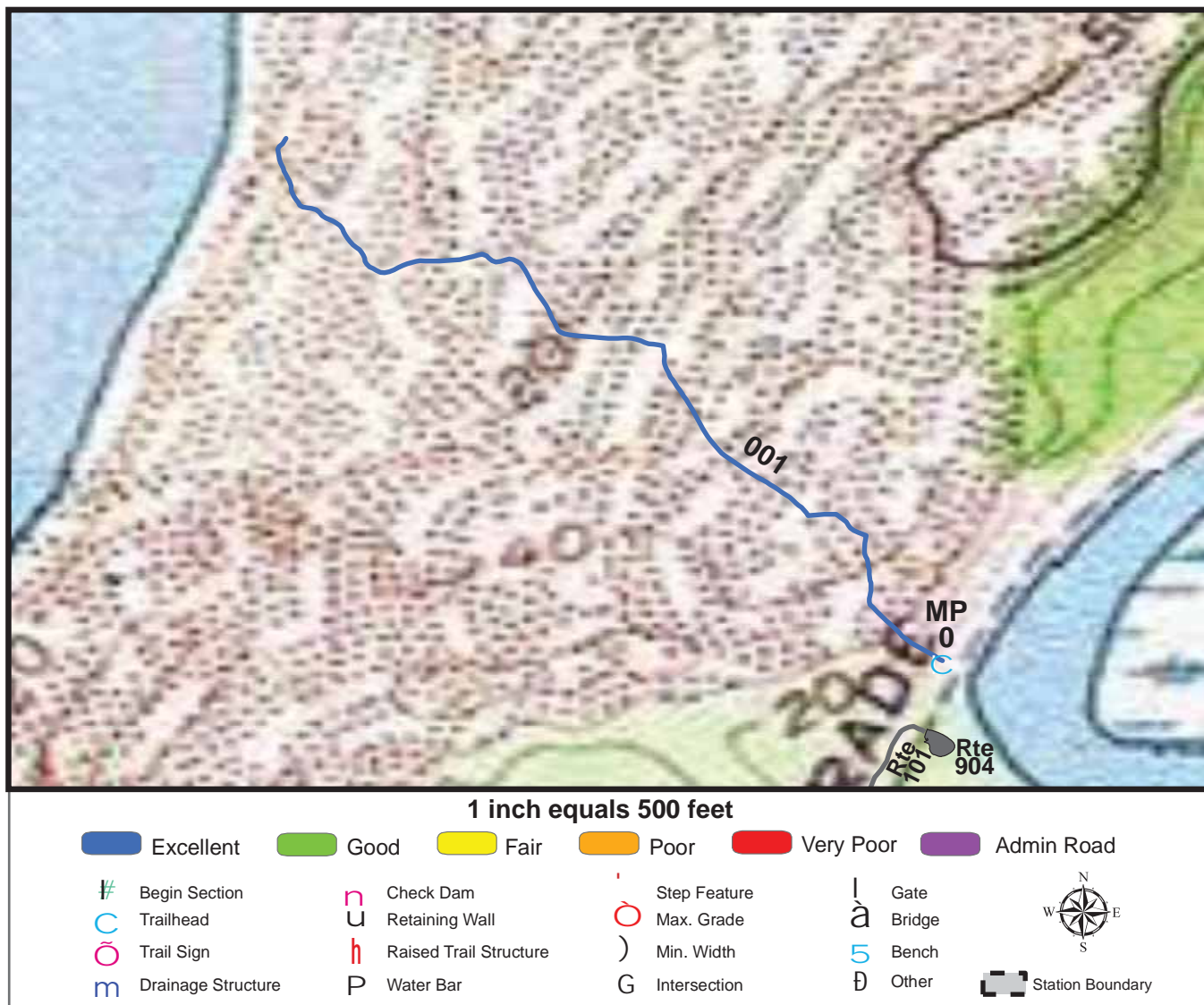
**TOTAL LENGTH:** 0.99 Miles

Section Number	001	002			
Section Length (miles)	0.57	0.42			
SAMMS Number	10056315	10056315			
Rating Date	6/18/2007	6/18/2007			
<b>Trail Section Information</b>					
Trail Class	TC3	TC2			
Surface Type	Native	Native			
Surface Firmness	Firm	Soft			
Width (inches)	24	24			
Average Grade (%)	12.2	12.2			
Average X-slope (%)	3.7	3.7			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$32717	\$22625			
FCI	0	0			
Condition	Excellent	Excellent			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$55342	0	Excellent





**Trail Name:** Ki'mak Trail

**Refuge Name:** Humboldt Bay NWR

**Trail Number:** T201

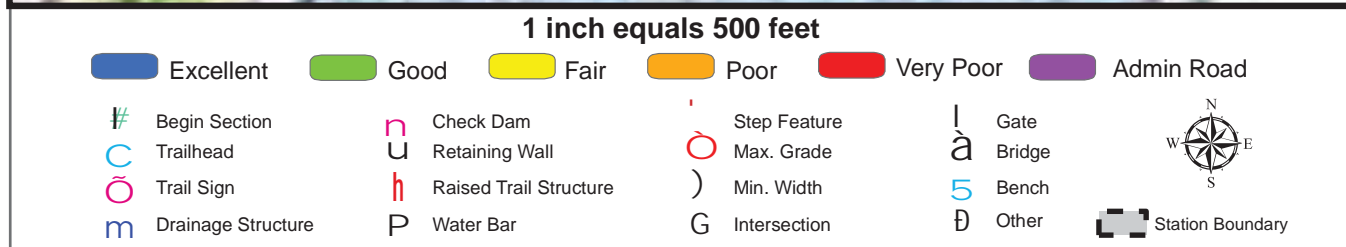
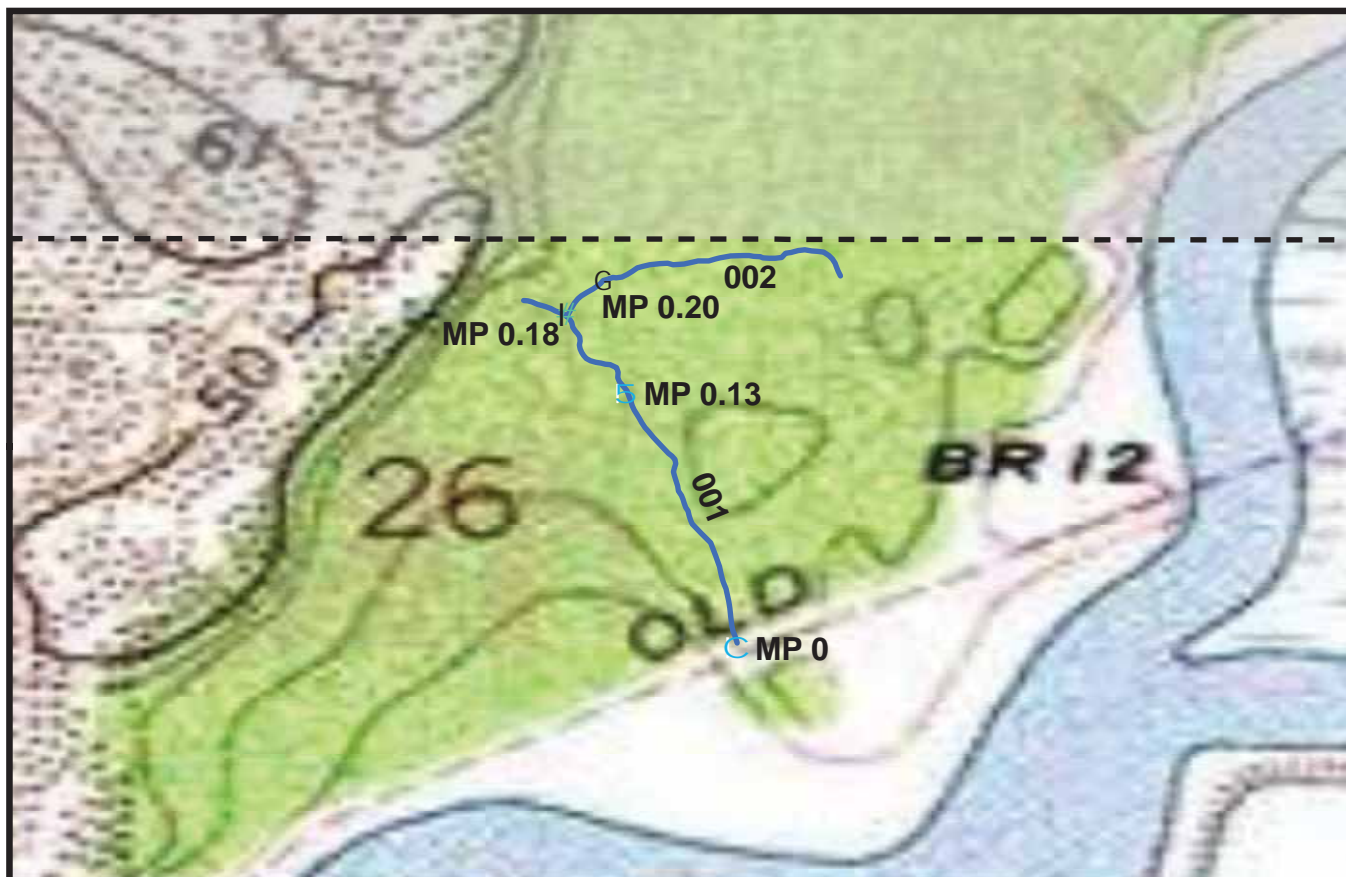
**Region:** 8

**TOTAL LENGTH:** 0.47 Miles

Section Number	001				
Section Length (miles)	0.47				
SAMMS Number	10056315				
Rating Date	6/18/2007				
<b>Trail Section Information</b>					
Trail Class	TC2				
Surface Type	Native				
Surface Firmness	Soft				
Width (inches)	24				
Average Grade (%)	6.3				
Average X-slope (%)	2.6				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$25400				
FCI	0				
Condition	Excellent				

**Trail Condition TOTALS**

Deferred Maintenance	CRV	FCI	Condition
\$0	\$25400	0	Excellent



**Trail Name:** Hudt Trail

**Refuge Name:** Humboldt Bay NWR

**Trail Number:** T202

**Region:** 8

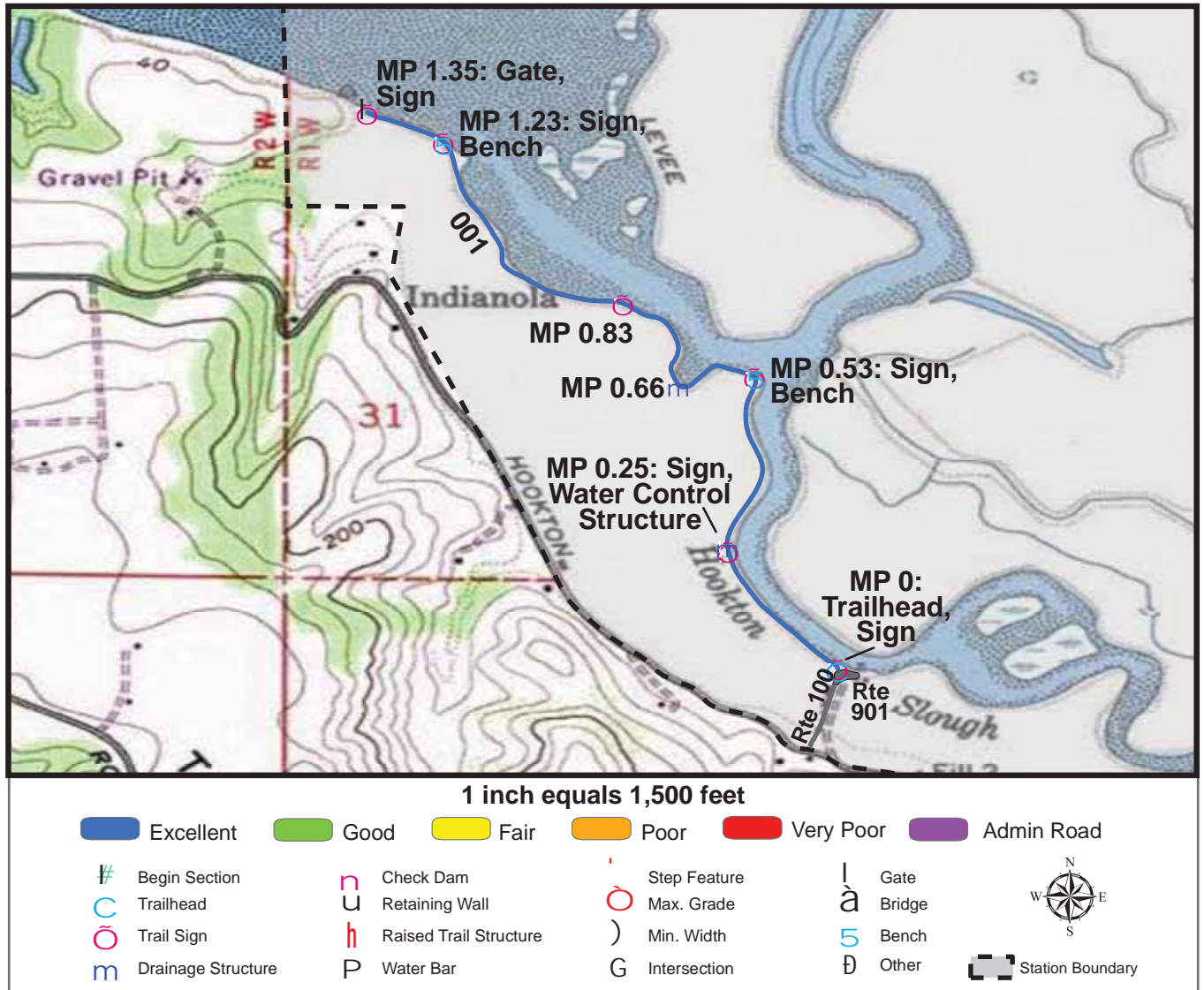
**TOTAL LENGTH:** 0.32 Miles

Section Number	001	002			
Section Length (miles)	0.2	0.12			
SAMMS Number	10056315	10056315			
Rating Date	6/18/2007	6/18/2007			
<b>Trail Section Information</b>					
Trail Class	TC2	TC2			
Surface Type	Native	Native			
Surface Firmness	Soft	Soft			
Width (inches)	24	24			
Average Grade (%)	10.1	10.1			
Average X-slope (%)	5.5	5.5			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$10826	\$6708			
FCI	0	0			
Condition	Excellent	Excellent			

**Trail Condition TOTALS**

Deferred Maintenance	CRV	FCI	Condition
\$0	\$17534	0	Excellent





**Trail Name:** Hookton Slough Trail

**Refuge Name:** Humboldt Bay NWR

**Trail Number:** T300

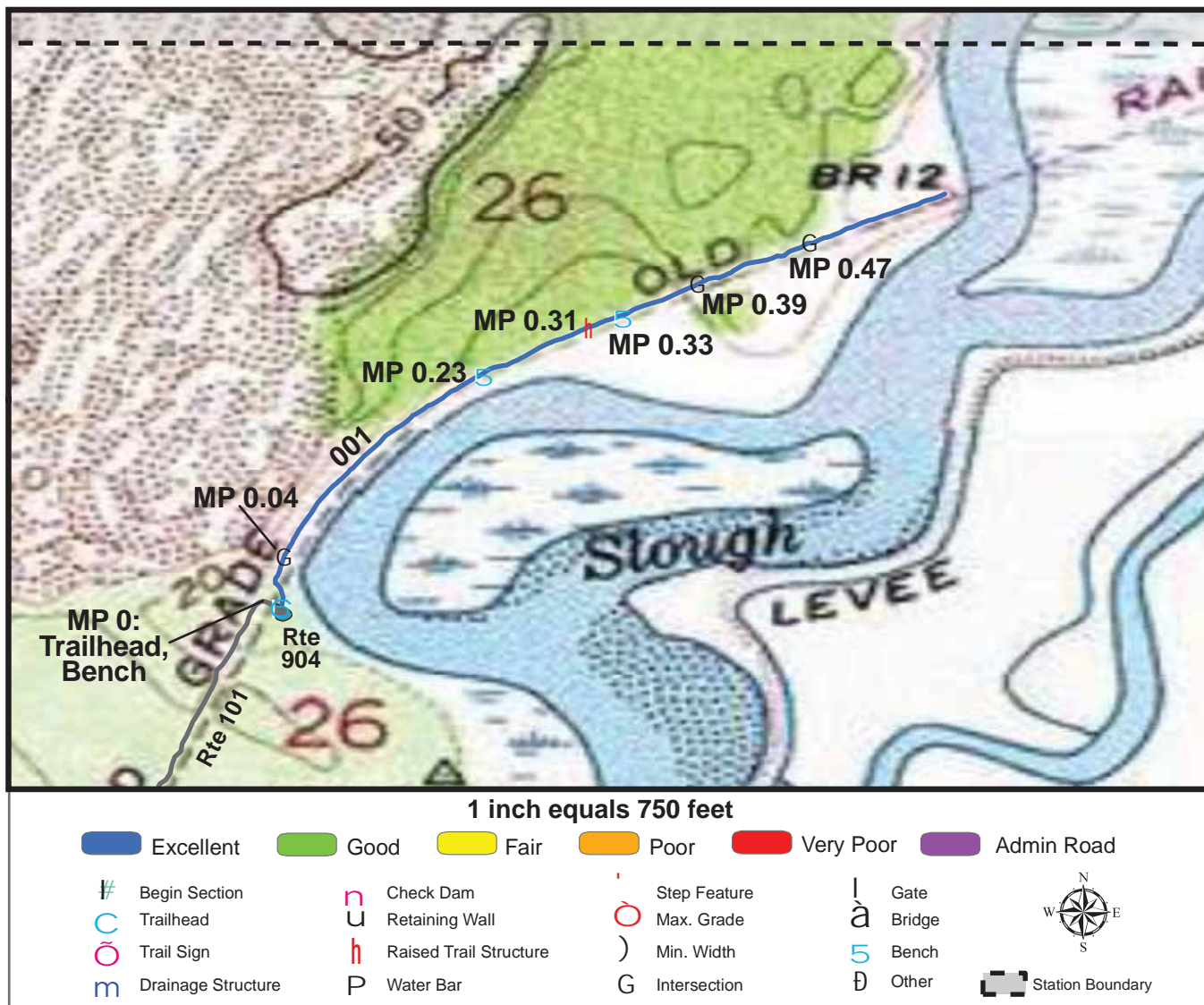
**Region:** 8

**TOTAL LENGTH:** 1.35 Miles

Section Number	001				
Section Length (miles)	1.35				
SAMMS Number	10000117				
Rating Date	6/17/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Mowed				
Surface Firmness	Hard				
Width (inches)	98				
Average Grade (%)	0.4				
Average X-slope (%)	0.6				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$76773				
FCI	0				
Condition	Excellent				

**Trail Condition TOTALS**

Deferred Maintenance	CRV	FCI	Condition
\$0	\$76773	0	Excellent



**Trail Name:** Cukish Trail

**Refuge Name:** Humboldt Bay NWR

**Trail Number:** T301

**Region:** 8

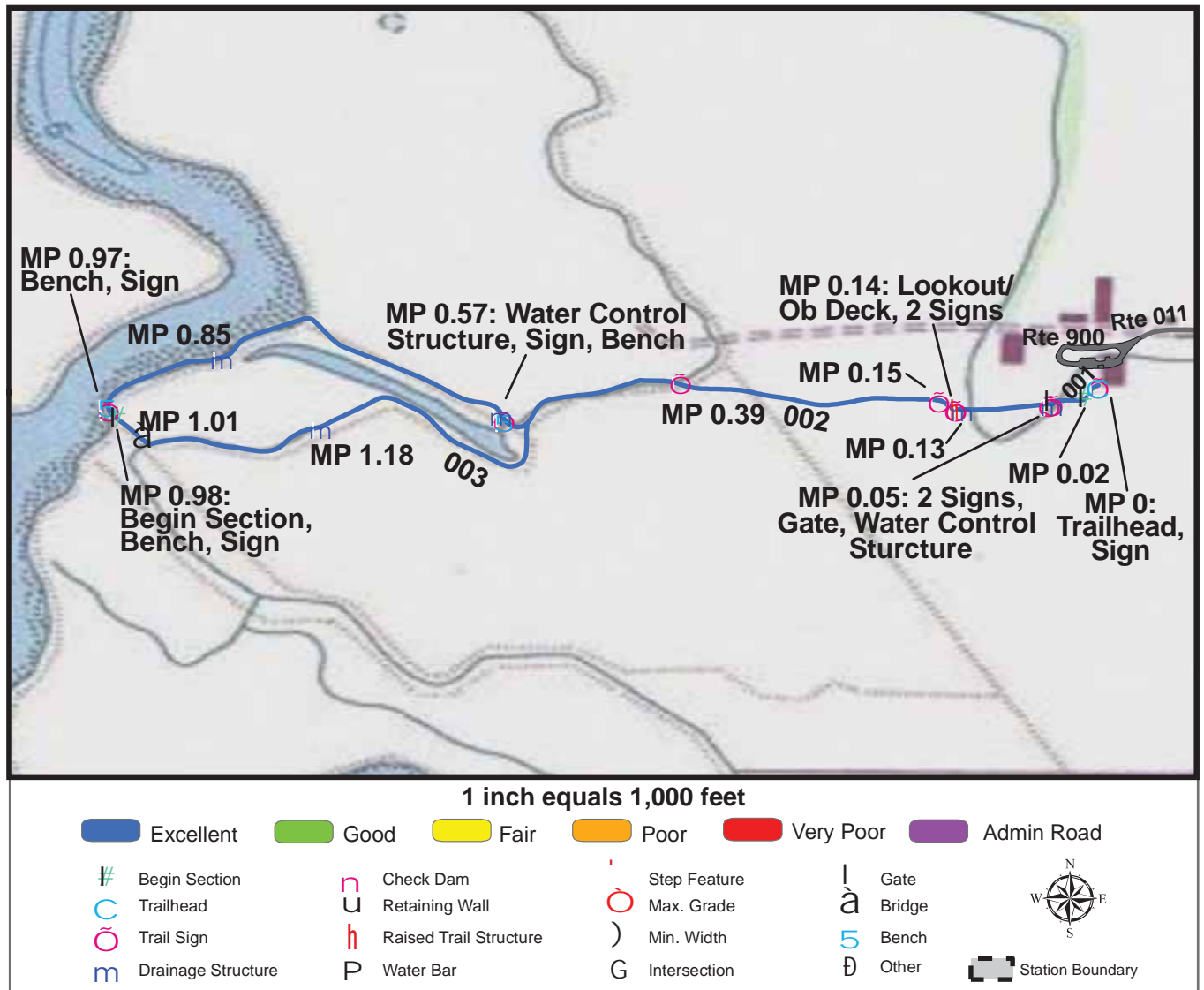
**TOTAL LENGTH:** 0.57 Miles

Section Number	001				
Section Length (miles)	0.57				
SAMMS Number	10056315				
Rating Date	6/18/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Native				
Surface Firmness	Firm				
Width (inches)	24				
Average Grade (%)	6.5				
Average X-slope (%)	4.1				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$31058				
FCI	0				
Condition	Excellent				

**Trail Condition TOTALS**

Deferred Maintenance	CRV	FCI	Condition
\$0	\$31058	0	Excellent





**Trail Name:** Shorebird Loop Trail

**Refuge Name:** Humboldt Bay NWR

**Trail Number:** T400

**Region:** 8

**TOTAL LENGTH:** 1.43 Miles

Section Number	001	002	003		
Section Length (miles)	0.02	0.96	0.45		
SAMMS Number	10000129	10000129	10000129		
Rating Date	6/17/2007	6/17/2007	6/17/2007		
<b>Trail Section Information</b>					
Trail Class	TC4	TC3	TC3		
Surface Type	Boardwalk	Mowed	Mowed		
Surface Firmness	Hard	Hard	Hard		
Width (inches)	72	96	64		
Average Grade (%)	1	1	1		
Average X-slope (%)	1.5	1.5	1.5		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0		
CRV	\$17674	\$53817	\$46254		
FCI	0	0	0		
Condition	Excellent	Excellent	Excellent		

**Trail Condition TOTALS**

Deferred Maintenance	CRV	FCI	Condition
\$0	\$117745	0	Excellent

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T200**

STATION: Humboldt Bay NWR

DATE: 6/18/2007



Photo # 25 - MP 0.0 - Trailhead

TRAIL NUMBER: **T200**

STATION: Humboldt Bay NWR

DATE: 6/18/2007



Photo # 26 - MP 0.11 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T200**

STATION: Humboldt Bay NWR

DATE: 6/18/2007



Photo # 42 - MP 0.89 - Sign

TRAIL NUMBER: **T200**

STATION: Humboldt Bay NWR

DATE: 6/18/2007



Photo # 41 - MP 0.9 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T200**

STATION: Humboldt Bay NWR

DATE: 6/18/2007



Photo # 43 - MP 0.95 - Sign (Grouped)

TRAIL NUMBER: **T201**

STATION: Humboldt Bay NWR

DATE: 6/18/2007



Photo # 38 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T202**

STATION: Humboldt Bay NWR

DATE: 6/18/2007



Photo # 37 - MP 0.0 - Trailhead

TRAIL NUMBER: **T202**

STATION: Humboldt Bay NWR

DATE: 6/18/2007



Photo # 39 - MP 0.18 - Begin Section 002

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 8 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 7 - MP 0.0 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Humboldt Bay NWR

DATE: 6/17/2007

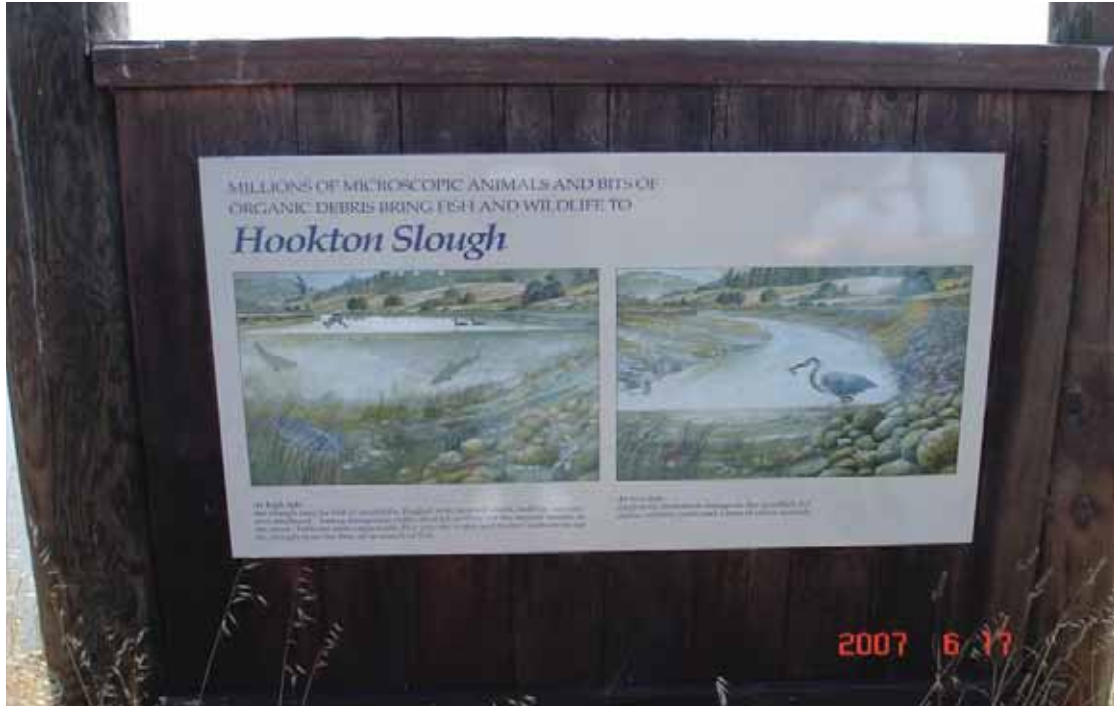


Photo # 2 - MP 0.25 - Sign

TRAIL NUMBER: **T300**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 3 - MP 0.53 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 4 - MP 0.83 - Sign

TRAIL NUMBER: **T300**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 5 - MP 1.23 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 6 - MP 1.35 - Sign

TRAIL NUMBER: **T301**

STATION: Humboldt Bay NWR

DATE: 6/18/2007



Photo # 23 - MP 0.0 - Trailhead

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 10 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 9 - MP 0.0 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 11 - MP 0.02 - Begin Section 002

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 12 - MP 0.05 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 13 - MP 0.05 - Sign

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 14 - MP 0.14 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 15 - MP 0.14 - Sign

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 16 - MP 0.15 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 17 - MP 0.39 - Sign

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 18 - MP 0.56 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 19 - MP 0.97 - Sign

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 20 - MP 0.98 - Begin Section 003

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Humboldt Bay NWR

DATE: 6/17/2007



Photo # 21 - MP 1.01 - Bridge



# **The Trail Inventory of Lower Klamath National Wildlife Refuge Tulelake, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
June 2007**



# Lower Klamath NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel	0.24	100%		0%		0%		0%		0%		0%	0.24
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.24	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.24

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3		0%		0%		0%		0%		0%		0%	0.00
TC4	0.24	100%		0%		0%		0%		0%		0%	0.24
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.24	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.24

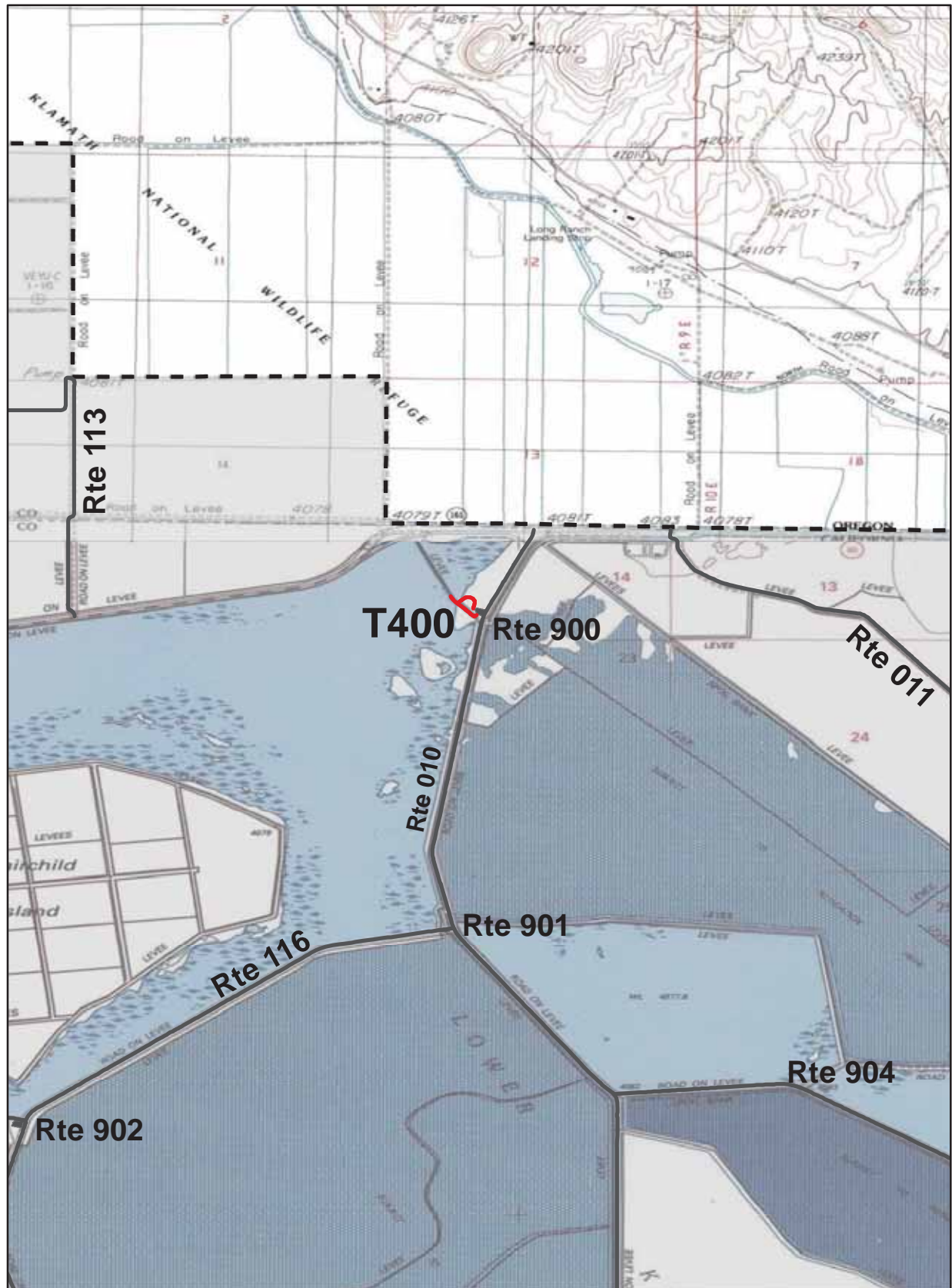
\* Admin Roads are included in the inventory but are not rated for condition.



Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Culvert -lf	20	No	0.10	N/A
T400	Lookout/Ob Deck	1	No	0.13	N/A
T400	Other	1	No	0.20	84
sf-square feet					
lf-linear feet					
cf-cubic feet					

# LOWER KLAMATH NWR TRAIL LOCATION MAP



Station Boundary



HQ/VC





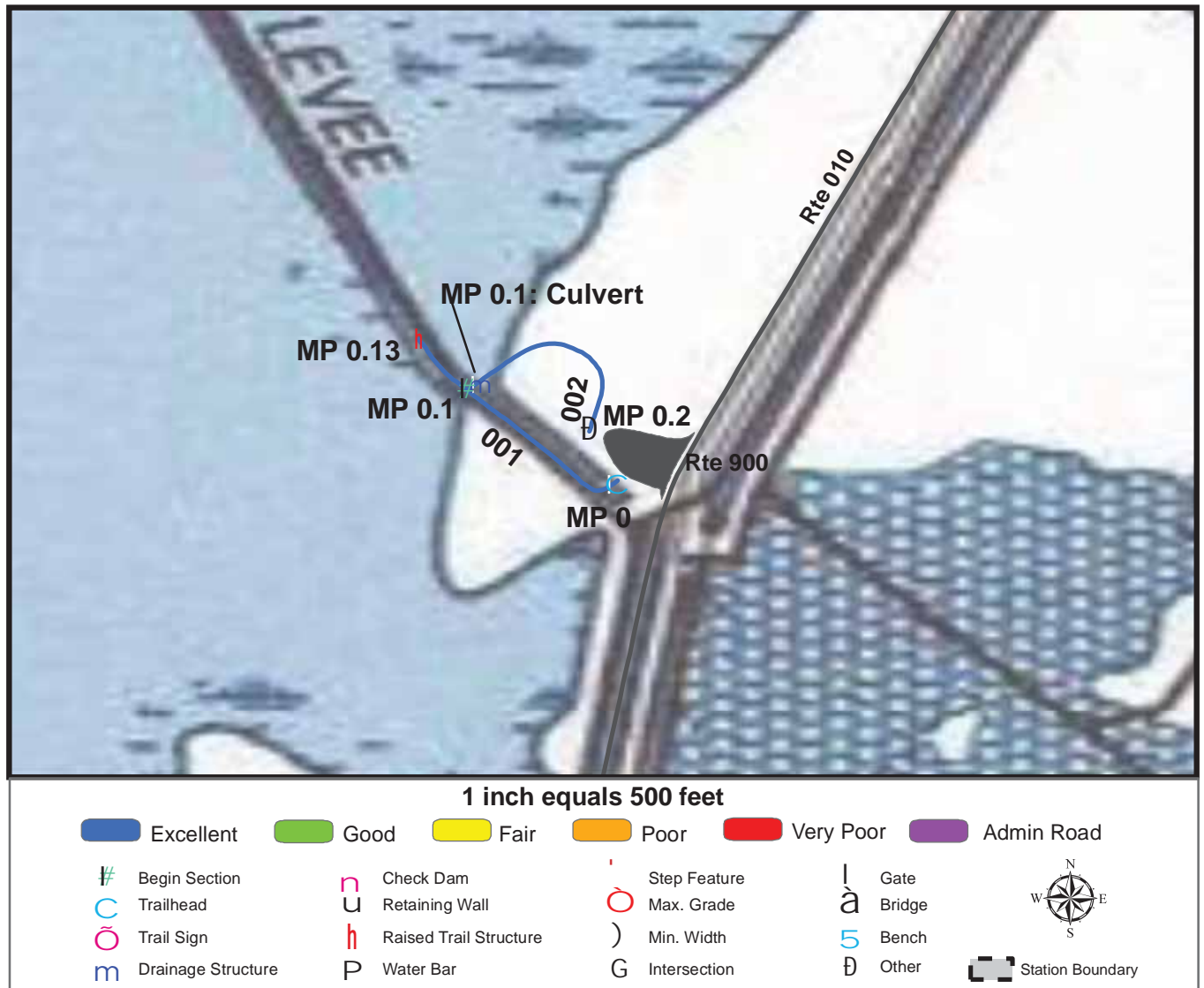
## TRAILS ID

**Station Name: Lower Klamath NWR**

**Org. Code: 81663**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	Wildlife Overlook Trail	Gravel	N/A	0.24	From Visitor Information Parking (Rte 900) to end of trail loop

# TRAIL CONDITION



**Trail Name:** Wildlife Overlook Trail

**Refuge Name:** Lower Klamath NWR

**Trail Number:** T400

**Region:** 8

**TOTAL LENGTH:** 0.24 Miles

Section Number	001	002			
Section Length (miles)	0.13	0.11			
SAMMS Number	N/A	N/A			
Rating Date	6/11/2007	6/11/2007			
<b>Trail Section Information</b>					
Trail Class	TC4	TC4			
Surface Type	Gravel	Gravel			
Surface Firmness	Firm	Firm			
Width (inches)	84	84			
Average Grade (%)	3.1	3.1			
Average X-slope (%)	1.4	1.4			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$27030	\$24319			
FCI	0	0			
Condition	Excellent	Excellent			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$51349	0	Excellent



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Lower Klamath NWR

DATE: 6/11/2007



Photo # 82 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400**

STATION: Lower Klamath NWR

DATE: 6/11/2007



Photo # 83 - MP 0.1 - Begin Section 002

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Lower Klamath NWR

DATE: 6/11/2007



Photo # 84 - MP 0.2 - Other (Kiosk)



# **The Trail Inventory of Merced National Wildlife Refuge Los Banos, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
July 2007**



# Merced NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed	0.37	17%		0%		0%		0%		0%		0%	0.37
Admin Road		0%		0%		0%		0%		0%	1.75	83%	1.75
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.37	17%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.75	83%	2.12

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	0.37	17%		0%		0%		0%		0%	1.75	83%	2.12
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.37	17%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.75	83%	2.12

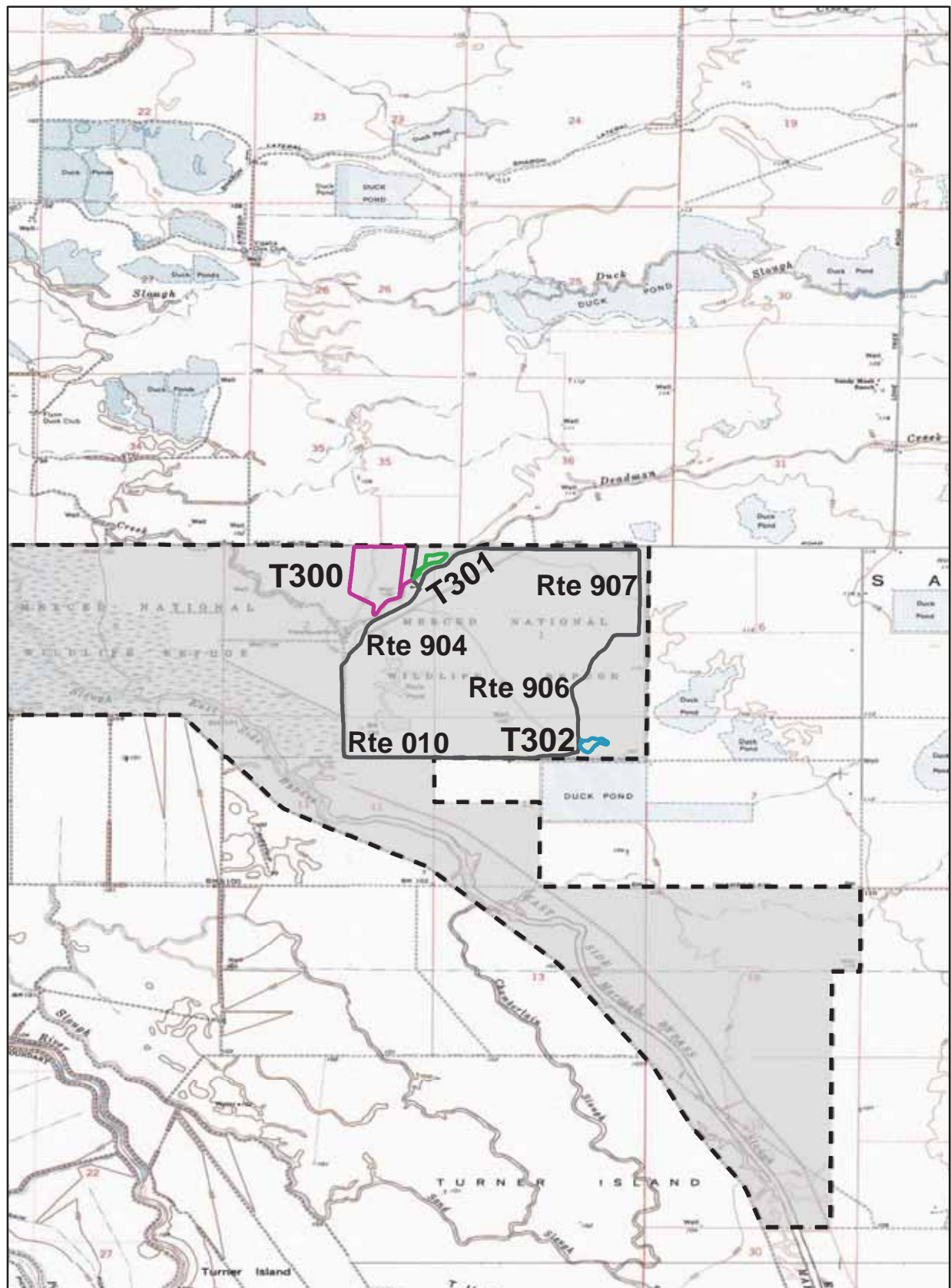
\* Admin Roads are included in the inventory but are not rated for condition.



Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	2	No	0.00	4
T300	Culvert -lf	22	No	0.35	N/A
T302	Bridge -sf	110	No	0.15	5
sf-square feet lf-linear feet cf-cubic feet					

# MERCED NWR TRAIL LOCATION MAP



Station Boundary



HQ/VC





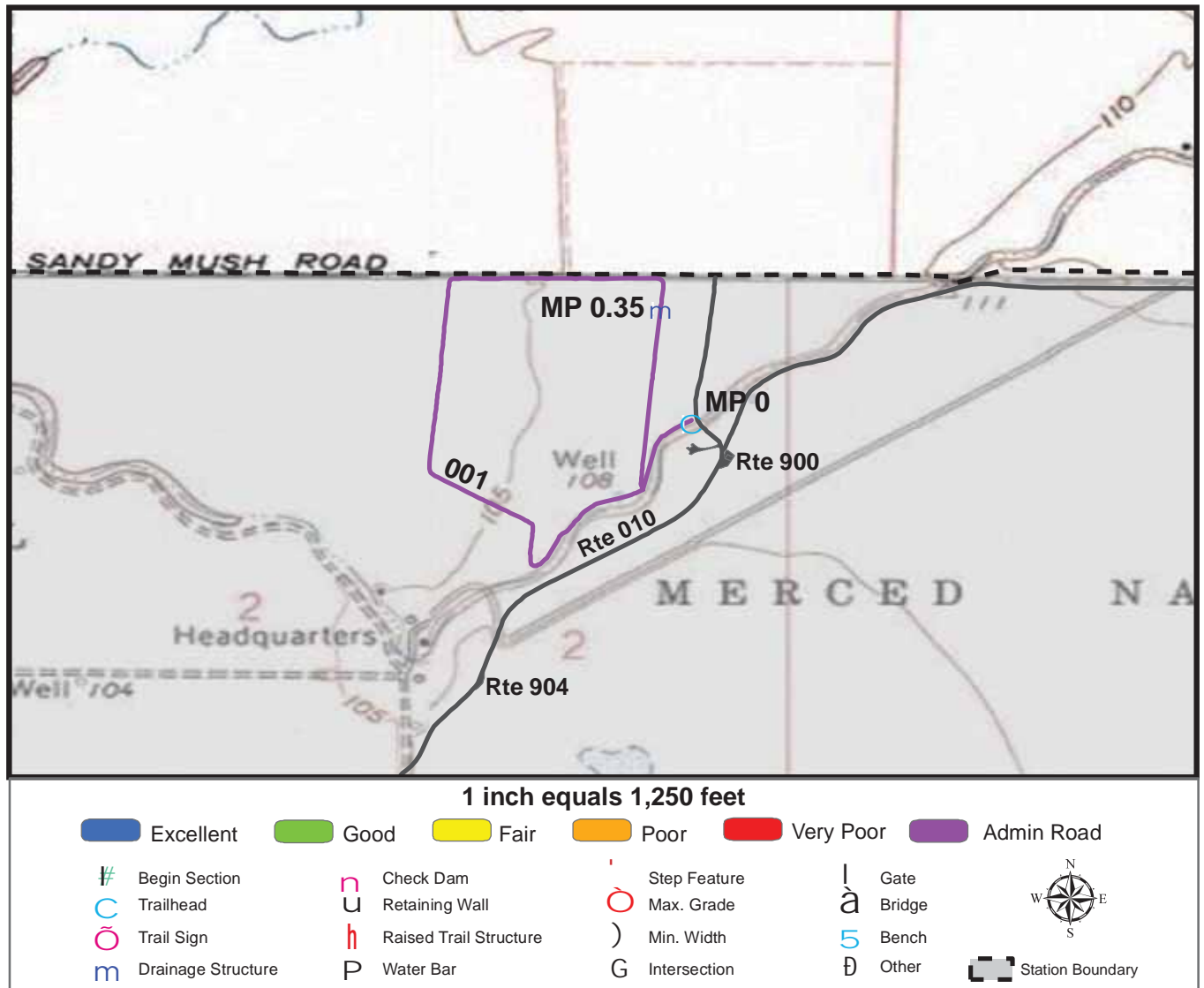
## TRAILS ID

**Station Name: Merced NWR**

**Org. Code: 81652**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Meadowlark Trail	Admin Road	N/A	1.28	From Tour Route Loop Road (Rte 010) to end of trail loop
T301	Kestrel Loop Trail	Admin Road	N/A	0.47	From Tour Route Loop Road (Rte 010) to end of trail loop
T302	Bittern Marsh Loop Trail	Mowed	10046623	0.37	From Meadowlark Trailhead Parking (Rte 901) to end of trail loop

# TRAIL CONDITION



**Trail Name:** Meadowlark Trail

**Refuge Name:** Merced NWR

**Trail Number:** T300

**Region:** 8

**TOTAL LENGTH:** 1.28 Miles

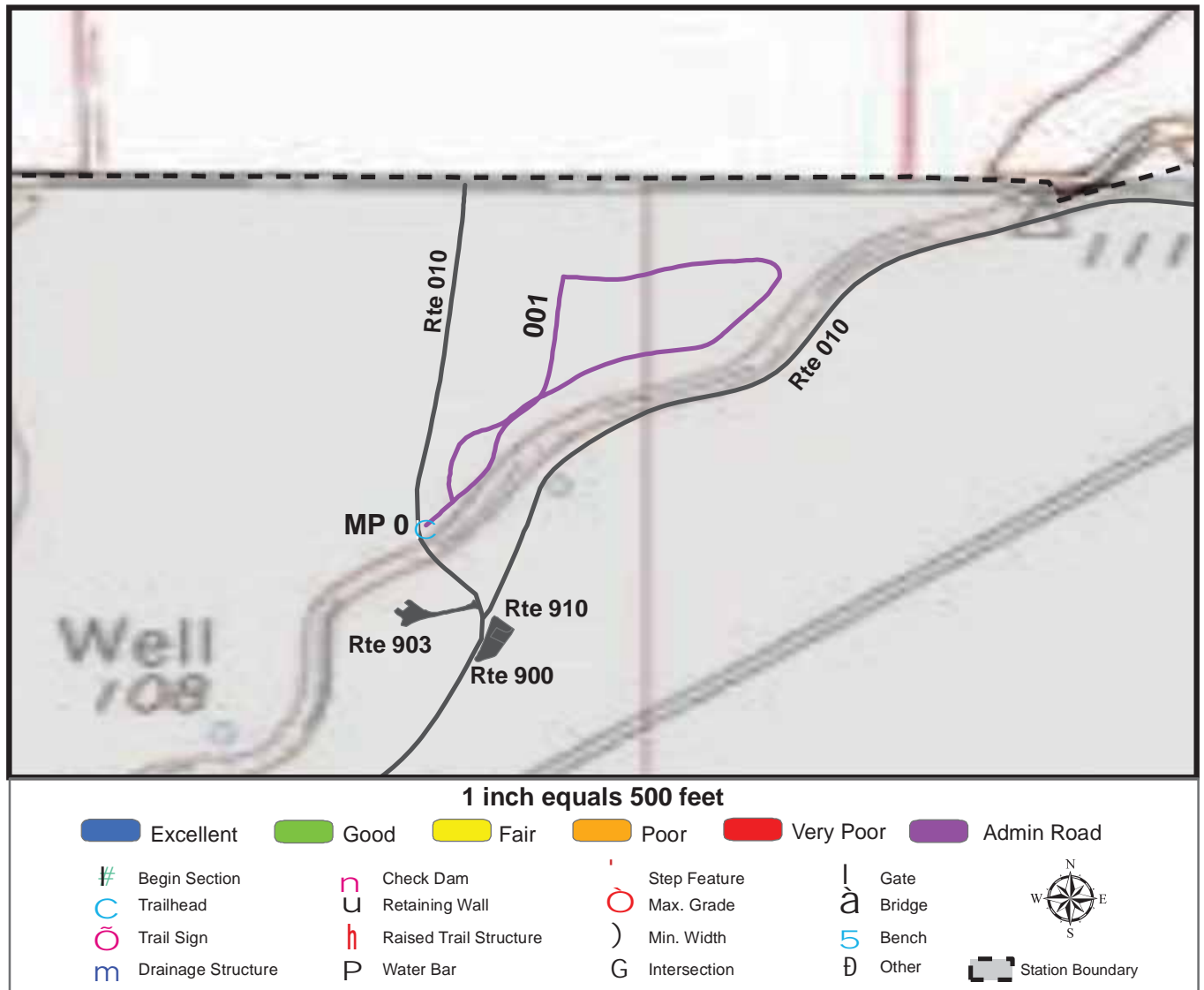
Section Number	001				
Section Length (miles)	1.28				
SAMMS Number					
Rating Date	7/12/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Admin Road				
Surface Firmness	Firm				
Width (inches)	120				
Average Grade (%)	1.4				
Average X-slope (%)	1.7				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Not Rated				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated



# TRAIL CONDITION



**Trail Name:** Kestrel Loop Trail

**Refuge Name:** Merced NWR

**Trail Number:** T301

**Region:** 8

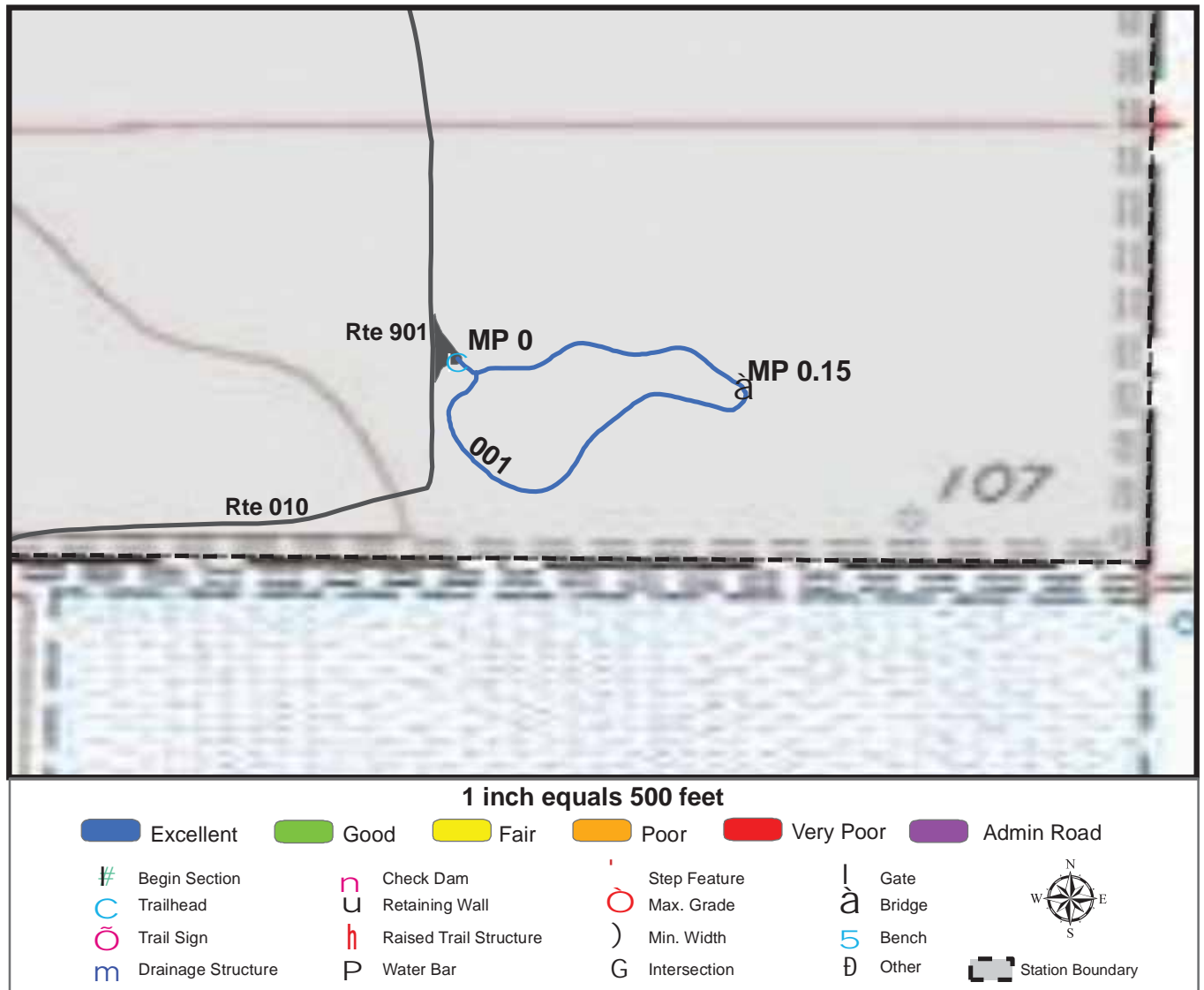
**TOTAL LENGTH:** 0.47 Miles

Section Number	001				
Section Length (miles)	0.47				
SAMMS Number					
Rating Date	7/12/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Admin Road				
Surface Firmness	Firm				
Width (inches)	120				
Average Grade (%)	1.3				
Average X-slope (%)	2				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Not Rated				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# TRAIL CONDITION



**Trail Name:** Bittern Marsh Loop Trail

**Refuge Name:** Merced NWR

**Trail Number:** T302

**Region:** 8

**TOTAL LENGTH:** 0.37 Miles

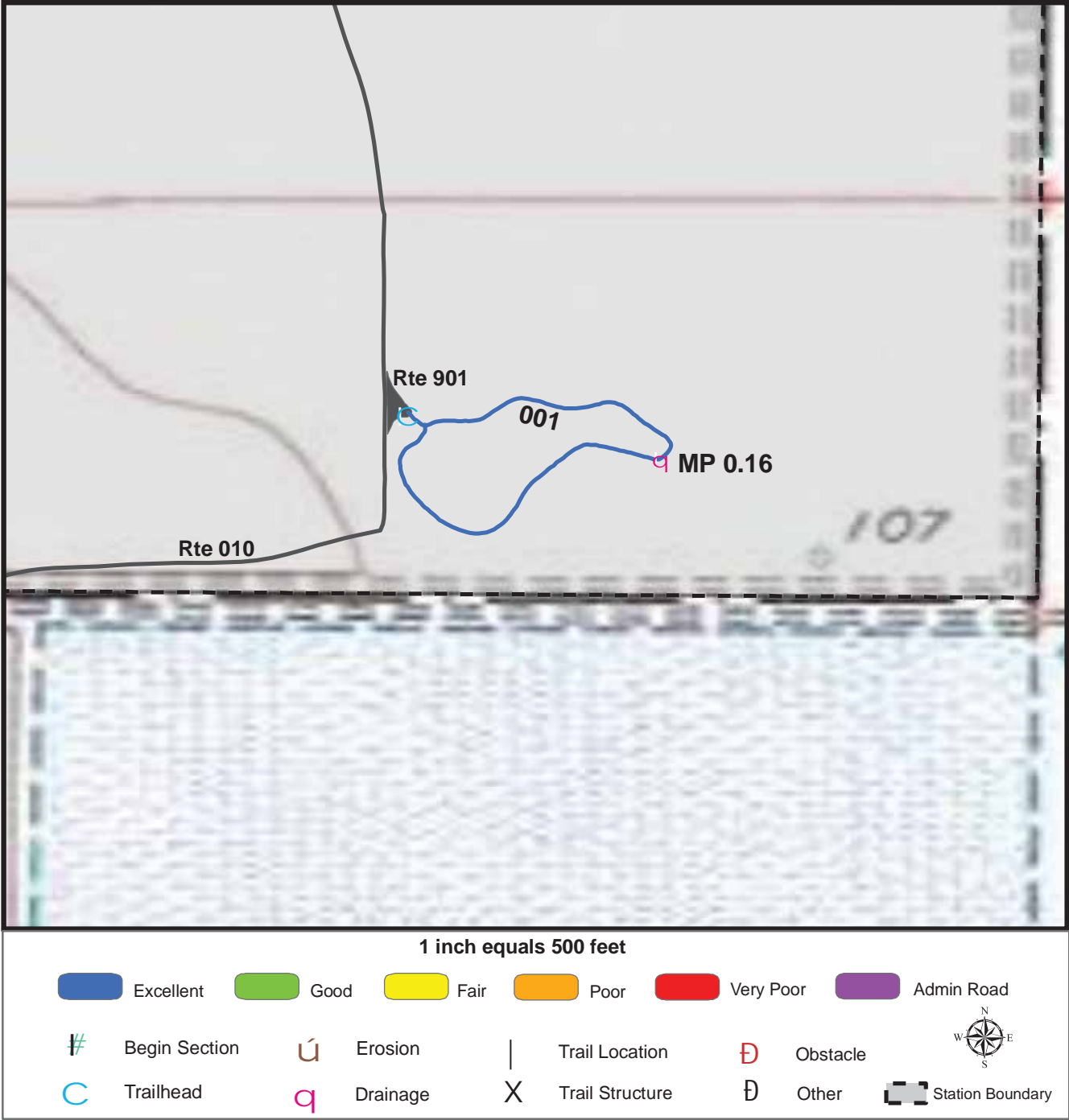
Section Number	001				
Section Length (miles)	0.37				
SAMMS Number	10046623				
Rating Date	7/12/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Mowed				
Surface Firmness	Firm				
Width (inches)	96				
Average Grade (%)	1				
Average X-slope (%)	1.8				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$160				
CRV	\$28032				
FCI	0.006				
Condition	Excellent				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$160	\$28032	0.006	Excellent



TRAIL DEFICIENCY



Trail Name: Bittern Marsh Loop Trail

Refuge Name: Merced NWR

Trail Number: T302

Region: 8

TOTAL LENGTH: 0.37 Miles

Mile Post	0.16			
Section Number	001			
Photo Number	6			
Deficiency	Drainage			
Action	Build/Add			
Item	Tread -sf			
Quantity	80			
Deferred Maintenance	\$160			

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**  
STATION: Merced NWR  
DATE: 7/12/2007



Photo # 1 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300**  
STATION: Merced NWR  
DATE: 7/12/2007



Photo # 4 - MP 0.0 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**  
STATION: Merced NWR  
DATE: 7/12/2007



Photo # 2 - MP 0.0 - Trailhead

TRAIL NUMBER: **T302**  
STATION: Merced NWR  
DATE: 7/12/2007



Photo # 3 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T302**  
STATION: Merced NWR  
DATE: 7/12/2007



Photo # 5 - MP 0.15 - Bridge

TRAIL NUMBER: **T302**  
STATION: Merced NWR  
DATE: 7/12/2007



Photo # 6 - MP 0.16 - Drainage Deficiency



# **The Trail Inventory of Modoc National Wildlife Refuge Alturas, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
June 2007**



# Modoc National Wildlife Refuge

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel	0.12	20%		0%		0%		0%		0%		0%	0.12
Asphalt	0.48	80%		0%		0%		0%		0%		0%	0.48
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.60	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.60

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3		0%		0%		0%		0%		0%		0%	0.00
TC4	0.12	20%		0%		0%		0%		0%		0%	0.12
TC5	0.48	80%		0%		0%		0%		0%		0%	0.48
Totals	0.60	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.60

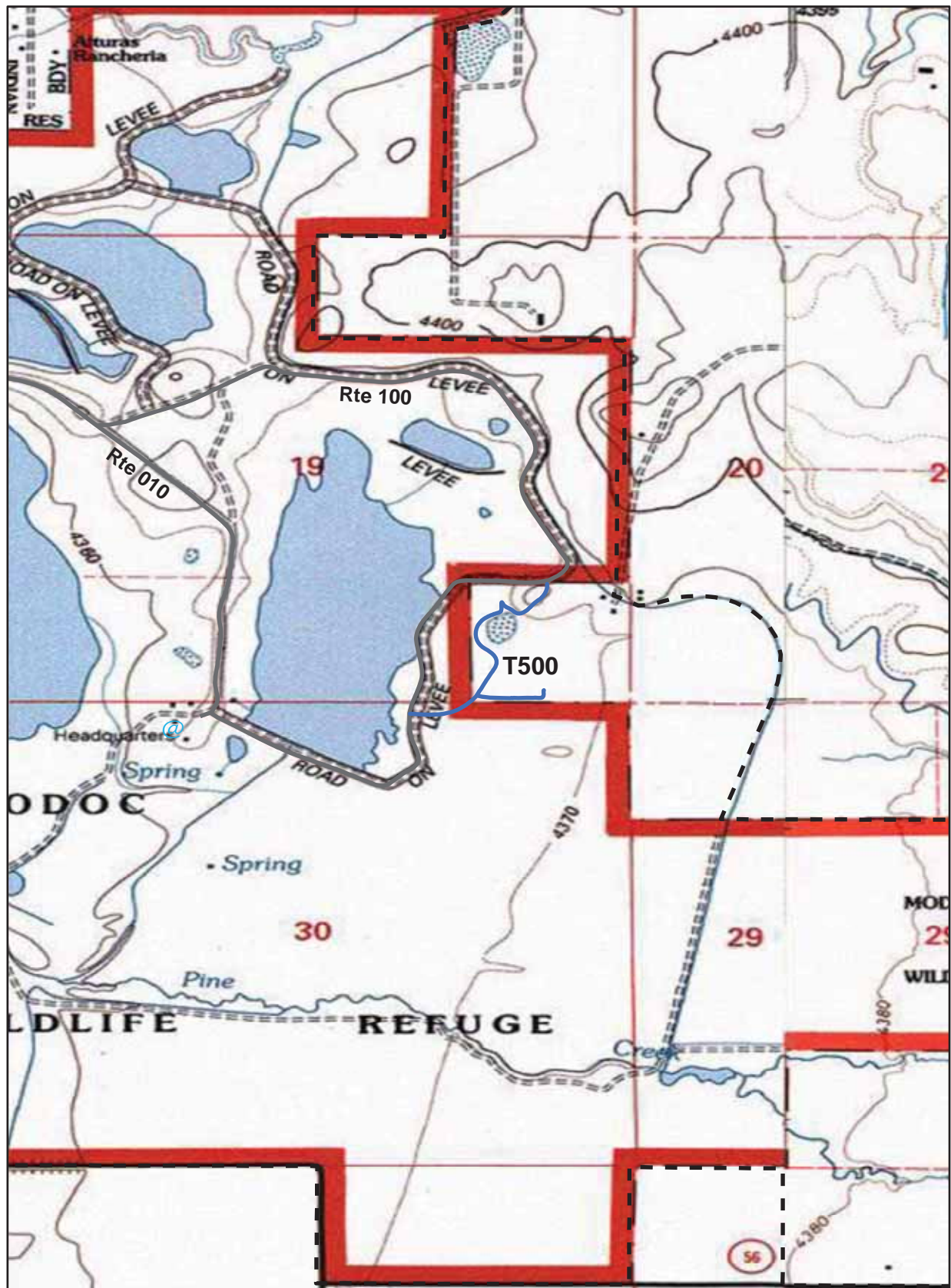
\* Admin Roads are included in the inventory but are not rated for condition.



Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T500	Sign	4	No	0.08	13
T500	Bench	1	No	0.08	N/A
T500	Sign	4	Yes	N/A	14
T500	Sign	2	No	0.36	19
T500	Lookout/Ob Deck	1	No	0.48	N/A
sf-square feet					
lf-linear feet					
cf-cubic feet					

# MODOC NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



Station Boundary



HQ/VC

0 0.5 1 Miles



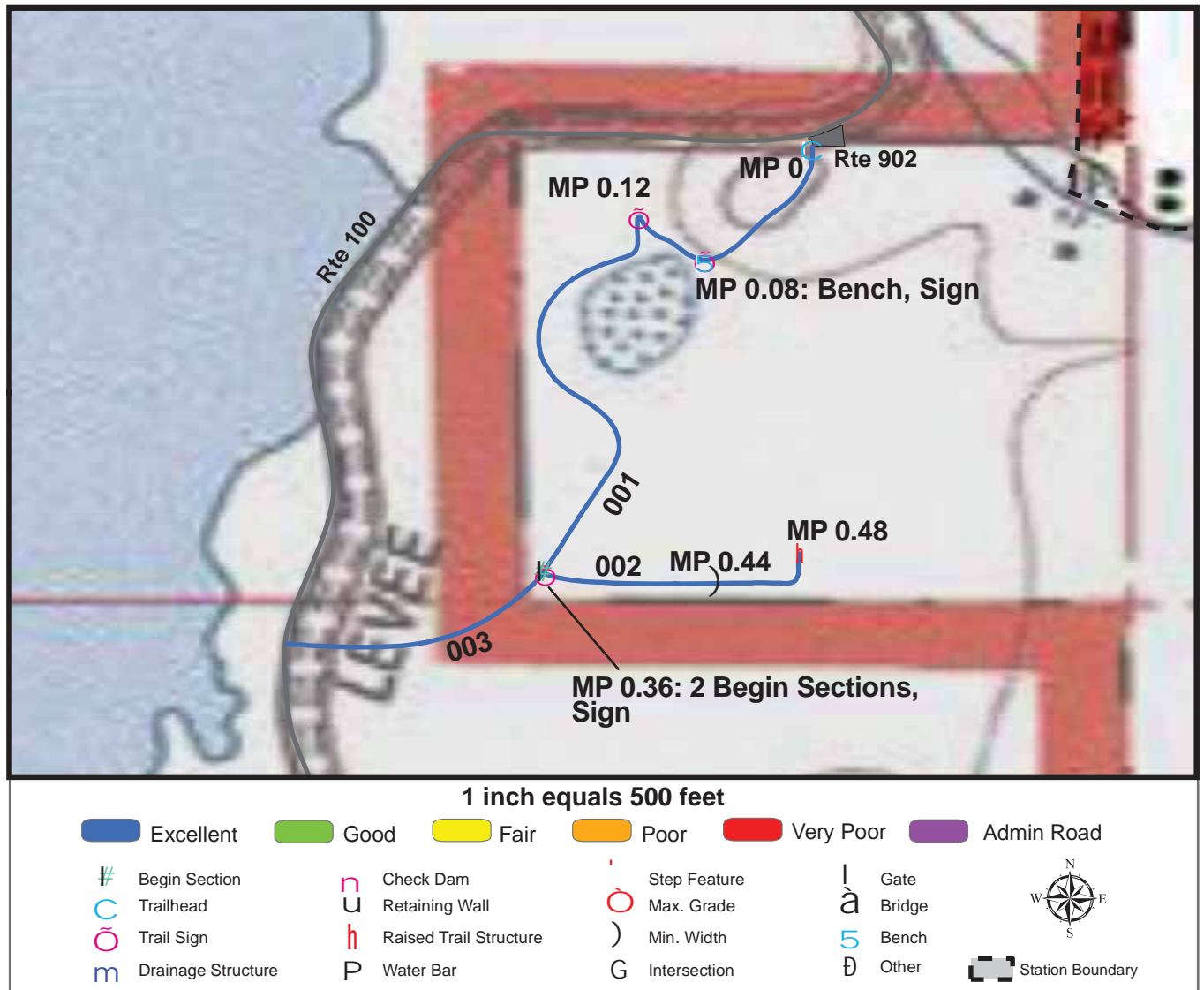
## TRAILS ID

**Station Name: Modoc NWR**

**Org. Code: 81690**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T500	Auto Tour Loop Trail	Asphalt, Gravel	10001692	0.6	From Wigeon Pond Parking (Rte 902) to Wildlife Tour Loop (Rte 100)

# TRAIL CONDITION



**Trail Name:** Auto Tour Loop Trail

**Refuge Name:** Modoc NWR

**Trail Number:** T500

**Region:** 8

**TOTAL LENGTH:** 0.6 Miles

Section Number	001	002	003		
Section Length (miles)	0.36	0.12	0.12		
SAMMS Number	10001692	10001692	10001692		
Rating Date	6/8/2007	6/8/2007	6/8/2007		
<b>Trail Section Information</b>					
Trail Class	TC5	TC4	TC5		
Surface Type	Asphalt	Gravel	Asphalt		
Surface Firmness	Paved	Hard	Paved		
Width (inches)	70	70	70		
Average Grade (%)	2.2	2.2	2.2		
Average X-slope (%)	0.6	0.6	0.6		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0		
CRV	\$79330	\$21195	\$27252		
FCI	0	0	0		
Condition	Excellent	Excellent	Excellent		

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$127777	0	Excellent



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**  
STATION: Modoc NWR  
DATE: 6/8/2007



Photo # 12 - MP 0.0 - Trailhead

TRAIL NUMBER: **T500**  
STATION: Modoc NWR  
DATE: 6/8/2007



Photo # 13 - MP 0.08 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**  
STATION: Modoc NWR  
DATE: 6/8/2007



Photo # 14 - MP 0.12 - Sign (Grouped)

TRAIL NUMBER: **T500**  
STATION: Modoc NWR  
DATE: 6/8/2007



Photo # 16 - MP 0.36 - Begin Section 002



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**  
STATION: Modoc NWR  
DATE: 6/8/2007



Photo # 18 - MP 0.36 - Begin Section 003

TRAIL NUMBER: **T500**  
STATION: Modoc NWR  
DATE: 6/8/2007



Photo # 19 - MP 0.36 - Sign



# **The Trail Inventory of Pixley National Wildlife Refuge Delano, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
July 2007**



# Pixley NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%	0.73	100%	0.73
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.73	100%	0.73

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3		0%		0%		0%		0%		0%	0.73	100%	0.73
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.73	100%	0.73

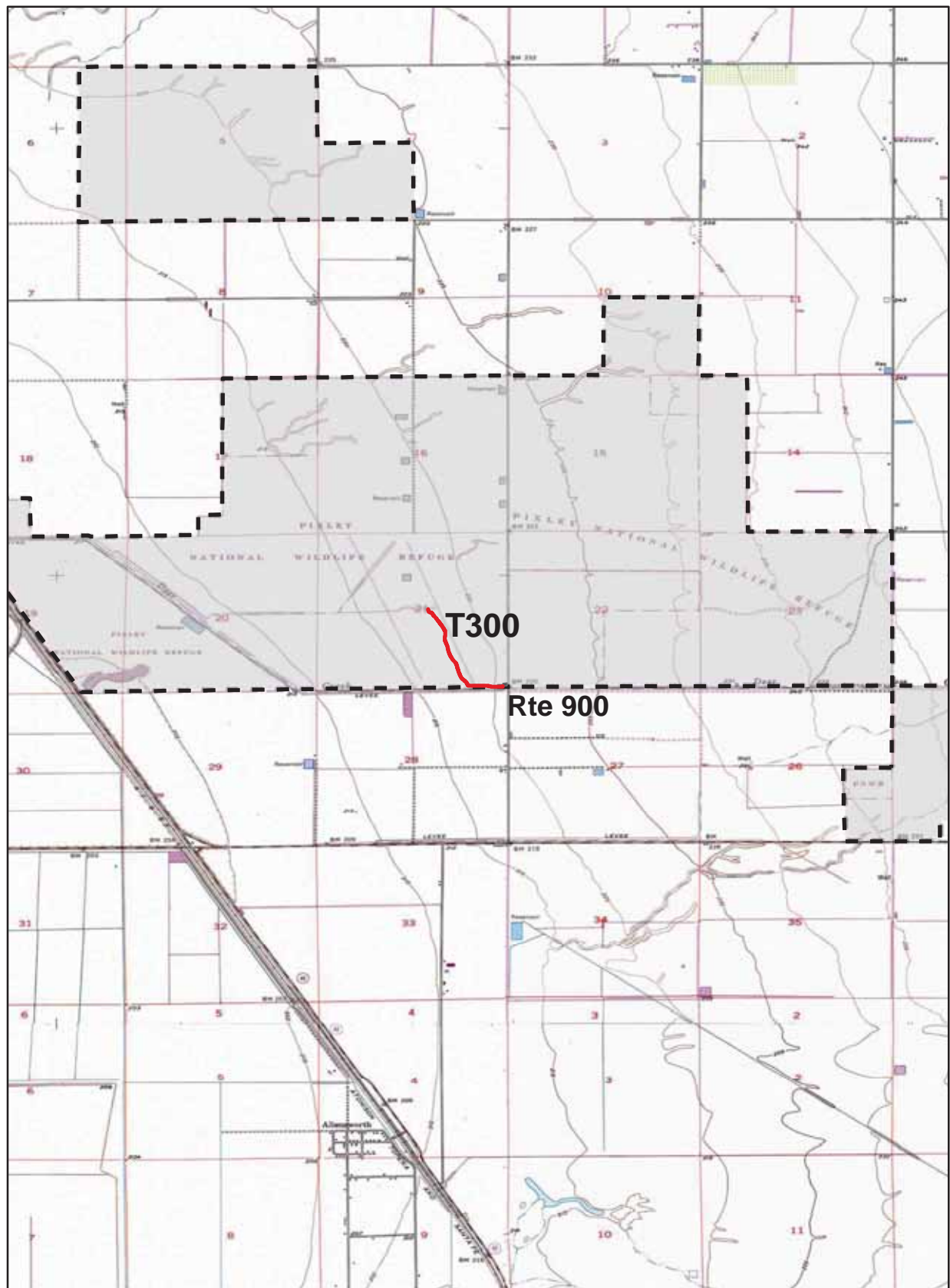
\* Admin Roads are included in the inventory but are not rated for condition.

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	1	No	0.00	2
T300	Sign	11	Yes	N/A	3
T300	Sign	5	Yes	N/A	4
T300	Water Control Struc	1	No	0.09	N/A
T300	Lookout/Ob Deck	1	No	0.73	N/A
sf-square feet					
lf-linear feet					
cf-cubic feet					



# PIXLEY NWR TRAIL LOCATION MAP



Station Boundary



HQ/VC



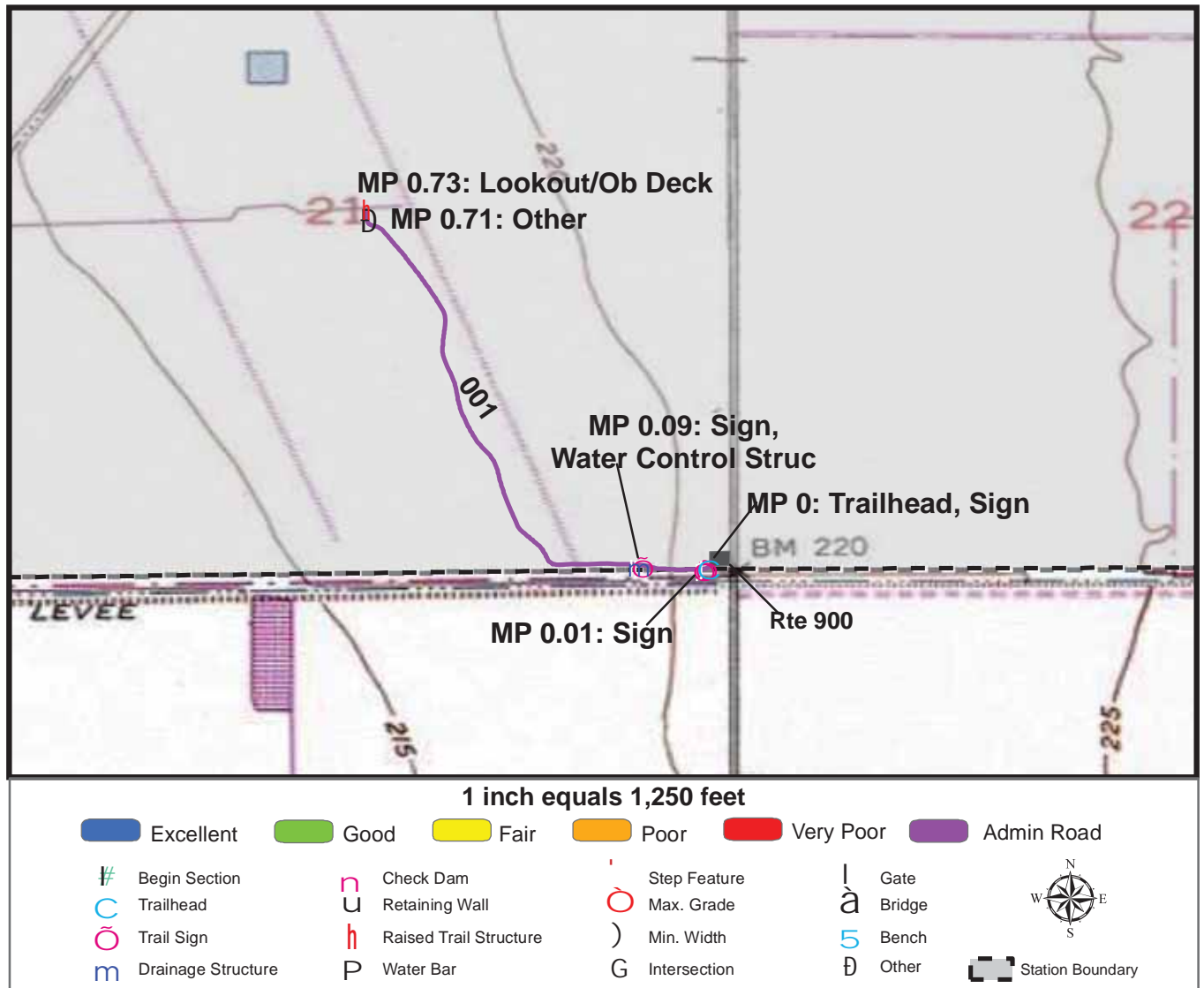
## TRAILS ID

**Station Name: Pixley NWR**

**Org. Code: 81612**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Pixley Interpretative Trail	Admin Road	N/A	0.73	From Pixley Trailhead Parking (Rte 900) to viewing platform

# TRAIL CONDITION



**Trail Name:** Pixley Interpretative Trail

**Refuge Name:** Pixley NWR

**Trail Number:** T300

**Region:** 8

**TOTAL LENGTH:** 0.73 Miles

Section Number	001				
Section Length (miles)	0.73				
SAMMS Number	N/A				
Rating Date	7/13/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Admin Road				
Surface Firmness	Firm				
Width (inches)	120				
Average Grade (%)	0.5				
Average X-slope (%)	3.1				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Not Rated				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Pixley NWR

DATE: 7/13/2007



Photo # 1 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300**

STATION: Pixley NWR

DATE: 7/13/2007



Photo # 2 - MP 0.0 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Pixley NWR

DATE: 7/13/2007



Photo # 3 - MP 0.01 - Sign (Grouped Feature)

TRAIL NUMBER: **T300**

STATION: Pixley NWR

DATE: 7/13/2007



Photo # 4 - MP 0.09 - Sign (Grouped Feature)



# The Trail Inventory of Sacramento National Wildlife Refuge Willows, California



**Prepared By:**  
**Federal Highway Administration**  
**Central Federal Lands Highway Division**  
**June 2007**





# Sacramento NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel	1.81	100%		0%		0%		0%		0%		0%	1.81
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	1.81	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.81

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	0.12	7%		0%		0%		0%		0%		0%	0.12
TC4	1.69	93%		0%		0%		0%		0%		0%	1.69
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	1.81	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.81

\* Admin Roads are included in the inventory but are not rated for condition.

## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Sign	1	No	0.00	2
T400	Sign	2	Yes	N/A	3
T400	Sign	8	Yes	N/A	4
T400	Sign	1	No	0.04	5
T400	Water Control Struc	1	No	0.11	N/A
T400	Bench	1	No	0.19	N/A
T400	Bridge -sf	25	No	0.27	8
T400	Bridge -sf	25	No	0.29	9
T400	Bridge -sf	25	No	0.31	10
T400	Bench	1	No	0.32	N/A
T400	Bridge -sf	30	No	0.32	11
T400	Water Control Struc	1	No	0.35	N/A
T400	Bridge -sf	40	No	0.36	12
T400	Bridge -sf	44	No	0.37	13
T400	Bench	1	No	0.46	N/A
T400	Bench	1	No	0.72	N/A
T400	Bench	1	No	0.81	N/A
T401	Culvert -lf	20	No	0.01	N/A
T401	Bench	1	No	0.07	N/A
T401	Water Control Struc	1	No	0.16	N/A
T401	Water Control Struc	1	No	0.23	N/A
T401	Water Control Struc	1	No	0.26	N/A
T401	Bench	1	No	0.27	N/A
T401	Bench	1	No	0.39	N/A
T401	Bench	1	No	0.50	N/A
T401	Water Control Struc	1	No	0.71	N/A
T401	Bench	1	No	0.73	N/A
sf-square feet lf-linear feet cf-cubic feet					

The map displays the Sacramento National Wildlife Refuge, a large area shaded in light gray. To the west of the refuge, the Logan Canal runs north-south, with several 'Road on Levee' paths branching off. To the east, various creeks are shown, including Hunters Creek and Delavan Creek. A network of roads is depicted, with Route 011 running horizontally across the middle-right. Two specific locations are highlighted: T400, marked with a blue dot, and T401, marked with a green dot. Both are situated near the Logan Canal, just west of the refuge boundary. Other labels on the map include 'Sewage Disposal', 'Riz Siding', 'Logandale', 'Norman', and 'Delavan (Delevan PO)'. Elevation contours are indicated by numbers like 30, 34, 36, and 38.



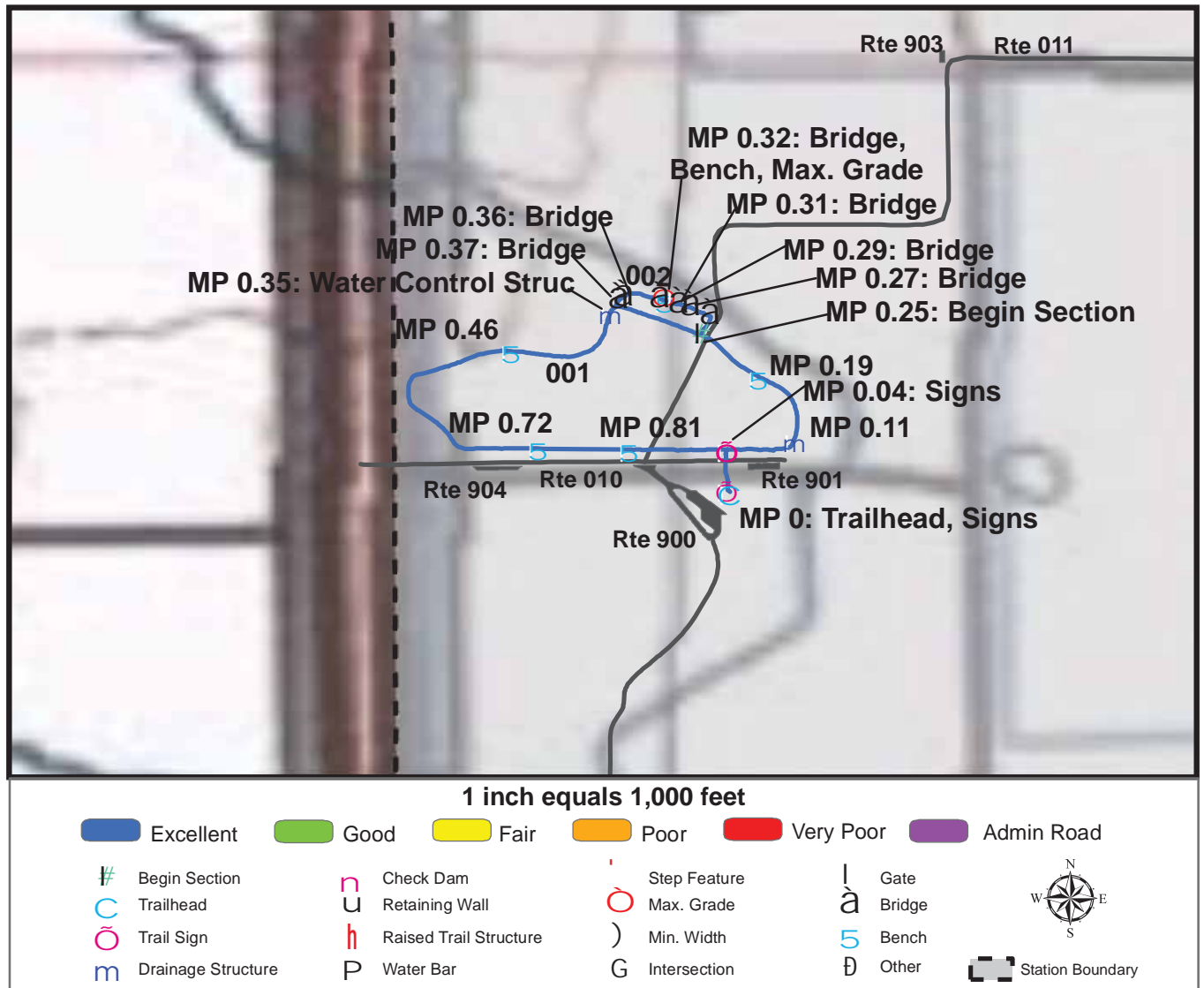
## TRAILS ID

**Station Name: Sacramento NWR**

**Org. Code: 81619**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	Wetlands Walking Trail (North)	Gravel	10000419	1.02	From Visitor Center Parking (Rte 900) to end of trail loop
T401	Wetlands Walking Trail (South)	Gravel	10000418	0.79	From Wetlands Walking Trail North (T400) to Visitor Center Parking (Rte 900)

# TRAIL CONDITION



**Trail Name:** Wetlands Walking Trail (North)

**Refuge Name:** Sacramento NWR

**Trail Number:** T400

**Region:** 8

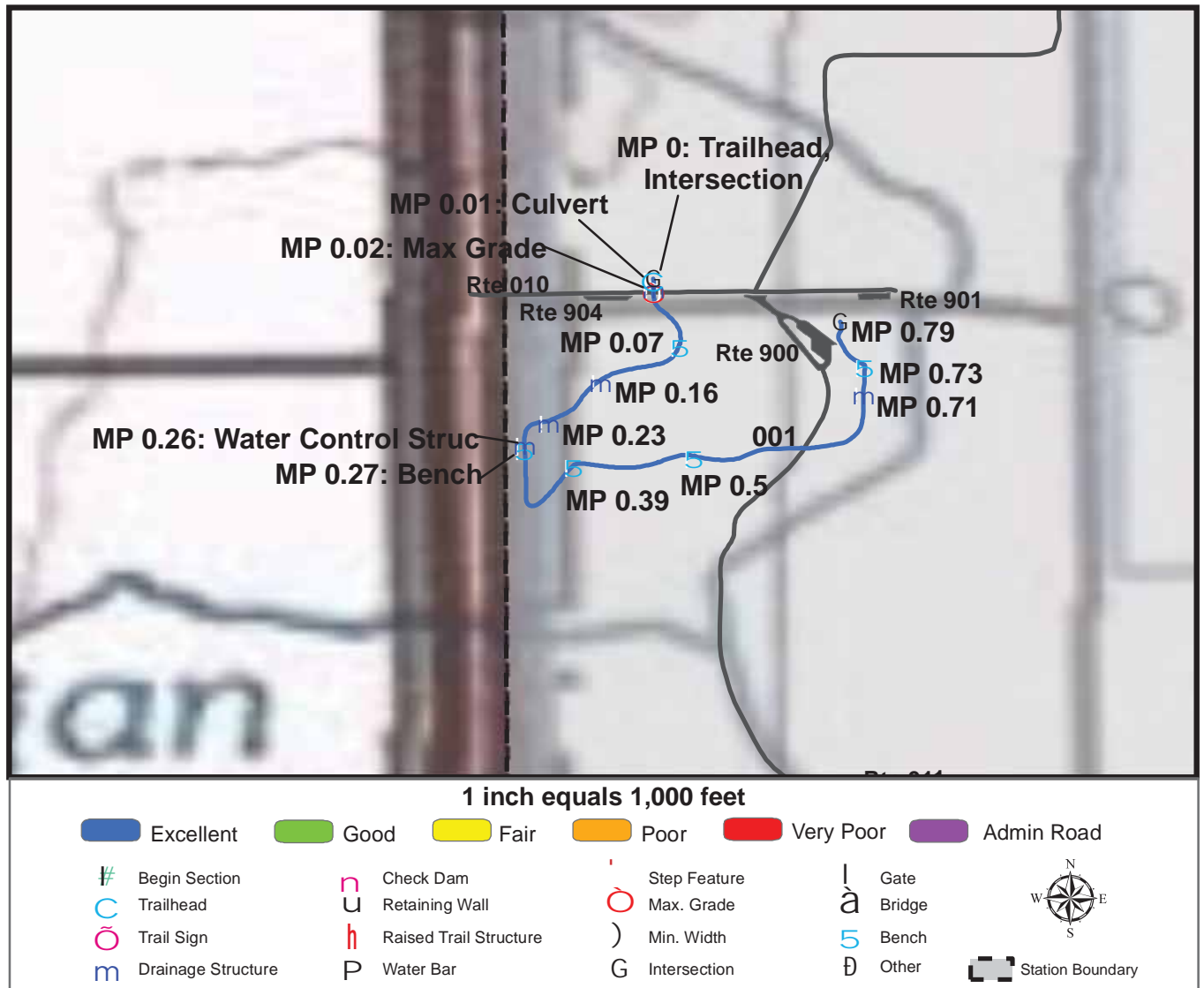
**TOTAL LENGTH:** 1.02 Miles

Section Number	001	002			
Section Length (miles)	0.9	0.12			
SAMMS Number	10000419	10000419			
Rating Date	6/15/2007	6/15/2007			
<b>Trail Section Information</b>					
Trail Class	TC4	TC3			
Surface Type	Gravel	Gravel			
Surface Firmness	Hard	Hard			
Width (inches)	84	65			
Average Grade (%)	1	1			
Average X-slope (%)	2.2	2.2			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$191522	\$33000			
FCI	0	0			
Condition	Excellent	Excellent			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$224522	0	Excellent

# TRAIL CONDITION



**Trail Name:** Wetlands Walking Trail (South)

**Refuge Name:** Sacramento NWR

**Trail Number:** T401

**Region:** 8

**TOTAL LENGTH:** 0.79 Miles

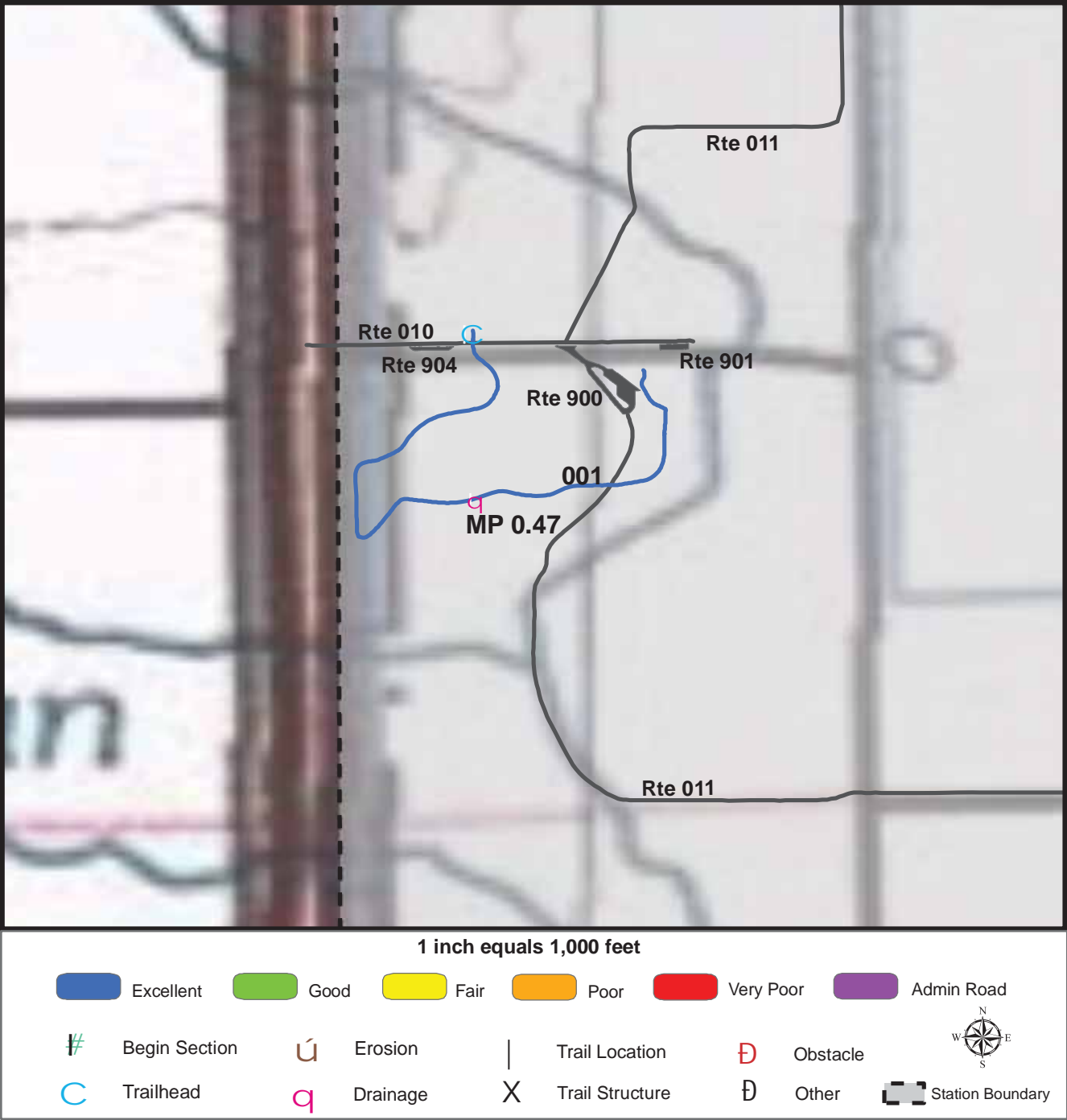
Section Number	001				
Section Length (miles)	0.79				
SAMMS Number	10000418				
Rating Date	6/15/2007				
<b>Trail Section Information</b>					
Trail Class	TC4				
Surface Type	Gravel				
Surface Firmness	Hard				
Width (inches)	84				
Average Grade (%)	1.5				
Average X-slope (%)	1.9				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$193				
CRV	\$171923				
FCI	0.001				
Condition	Excellent				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$193	\$171923	0.001	Excellent



# TRAIL DEFICIENCY



**Trail Name:** Wetlands Walking Trail (South)

**Refuge Name:** Sacramento NWR

**Trail Number:** T401

**Region:** 8

**TOTAL LENGTH:** 0.79 Miles

Mile Post	0.47			
Section Number	001			
Photo Number	18			
Deficiency	Drainage			
Action	Build/Add			
Item	Tread -sf			
Quantity	24			
Deferred Maintenance	\$193			

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 1 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 2 - MP 0.0 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 3 - MP 0.04 - Sign (Grouped Feature)

TRAIL NUMBER: **T400**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 4 - MP 0.04 - Sign (Grouped Feature)



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 5 - MP 0.04 - Sign

TRAIL NUMBER: **T400**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 7 - MP 0.25 - Begin Section 002



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 8 - MP 0.27 - Bridge

TRAIL NUMBER: **T400**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 9 - MP 0.29 - Bridge



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 10 - MP 0.31 - Bridge

TRAIL NUMBER: **T400**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 11 - MP 0.32 - Bridge



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 12 - MP 0.36 - Bridge

TRAIL NUMBER: **T400**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 13 - MP 0.37 - Bridge



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T401**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 14 - MP 0.0 - Trailhead

TRAIL NUMBER: **T401**

STATION: Sacramento NWR

DATE: 6/15/2007



Photo # 18 - MP 0.47 - Drainage Deficiency

# **The Trail Inventory of Sacramento River National Wildlife Refuge Willows, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
June 2007**





# Sacramento River NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed	0.63	7%		0%		0%		0%		0%		0%	0.63
Admin Road		0%		0%		0%		0%		0%	7.87	93%	7.87
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.63	7%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	7.87	93%	8.50

### Trail Miles and Percentages by Trail Classification and Condition

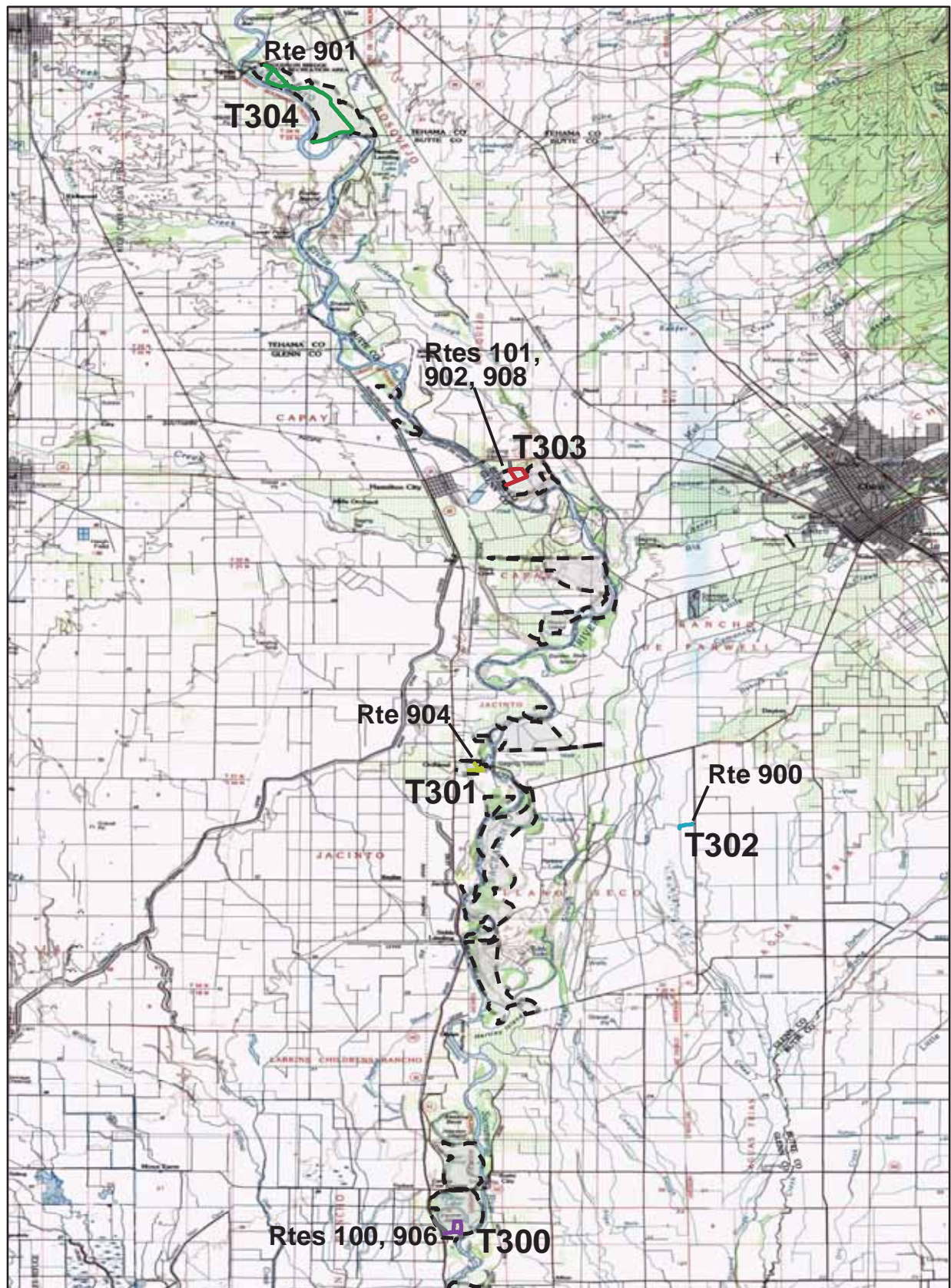
Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	0.63	7%		0%		0%		0%		0%	7.87	93%	8.50
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.63	7%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	7.87	93%	8.50

\* Admin Roads are included in the inventory but are not rated for condition.

## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	5	Yes	N/A	2
T300	Culvert -lf	22	No	0.26	N/A
T300	Gate	1	No	0.09	N/A
T301	Sign	4	Yes	N/A	7
T301	Bench	1	No	0.22	N/A
T301	Bench	1	No	0.26	N/A
T301	Gate	1	No	0.00	N/A
T301	Sign	1	No	0.00	5
T301	Sign	2	No	0.00	4
T301	Sign	1	No	0.01	6
T301	Sign	1	No	0.23	8
T302	Gate	1	No	0.00	N/A
T302	Lookout/Ob Deck	1	No	0.42	N/A
T302	Sign	2	No	0.01	12
T302	Water Control Struc	1	No	0.37	N/A
T303	Sign	2	Yes	N/A	15
T303	Bench	1	No	0.88	N/A
T303	Gate	1	No	0.99	N/A
T303	Sign	4	No	1.11	14
T303	Sign	1	No	0.73	16
T304	Sign	11	Yes	N/A	22
T304	Sign	3	No	0.00	19
T304	Sign	2	No	0.00	20
sf-square feet					
lf-linear feet					
cf-cubic feet					

# SACRAMENTO RIVER NWR TRAIL LOCATION MAP



Station Boundary



HQ/VC

0 5 10 Miles



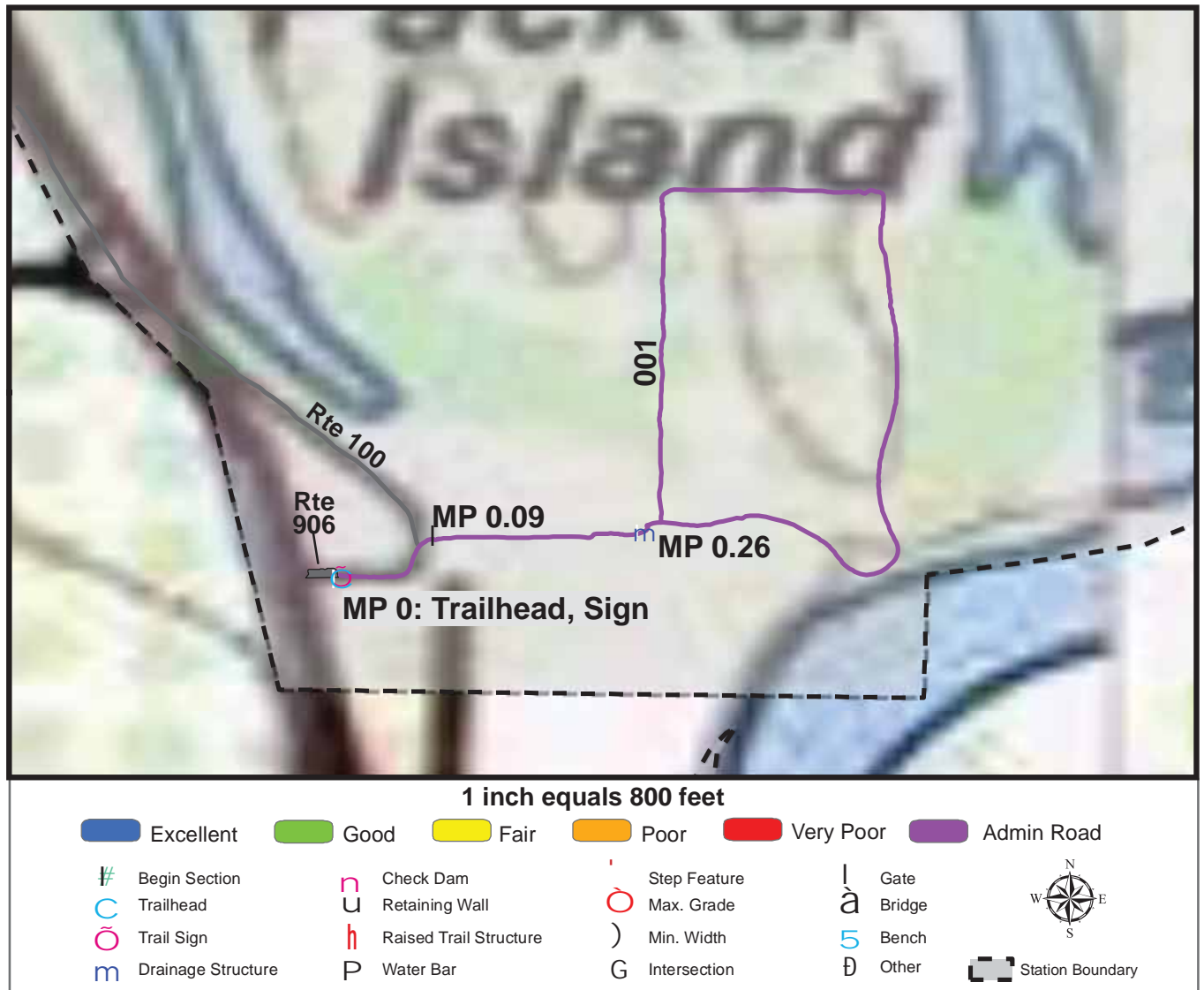
## TRAILS ID

**Station Name: Sacramento River NWR**

**Org. Code: 81627**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Packer Unit Trail	Admin Road	N/A	1.22	From Packer Parking (Rte 906) to end of loop
T301	Ord Bend Unit Trail	Admin Road, Mowed	N/A	0.76	From Ord Bend - OB1 Parking (Rte 904) to end of Sec 003 loop
T302	Llano Seco Unit Trail	Admin Road	N/A	0.42	From Llano Seco Unit Seven Mile View Station Parking (Rte 900) to lookout
T303	Pine Creek Unit Trail	Admin Road	N/A	1.38	From Trail Parking (Rte 908) to end of loop
T304	Rio Vista Unit Trail	Admin Road, Mowed	N/A	4.72	From Rio Vista Parking Area (Rte 901) to end of trail

# TRAIL CONDITION



**Trail Name:** Packer Unit Trail

**Refuge Name:** Sacramento River NWR

**Trail Number:** T300

**Region:** 8

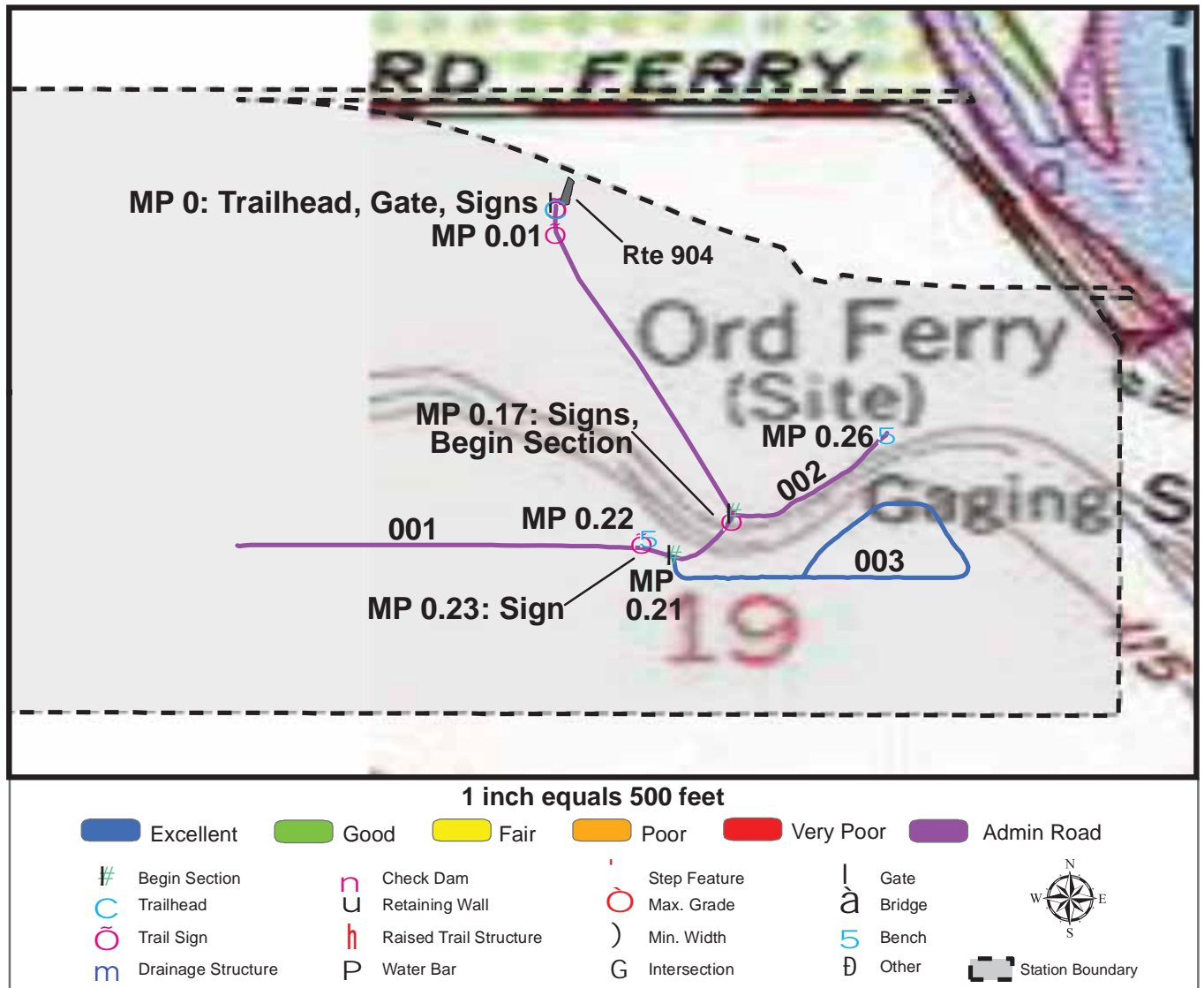
**TOTAL LENGTH:** 1.22 Miles

Section Number	001				
Section Length (miles)	1.22				
SAMMS Number	N/A				
Rating Date	6/15/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Admin Road				
Surface Firmness	Hard				
Width (inches)	144				
Average Grade (%)	1.5				
Average X-slope (%)	1.7				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Not Rated				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# TRAIL CONDITION



**Trail Name:** Ord Bend Unit Trail

**Refuge Name:** Sacramento River NWR

**Trail Number:** T301

**Region:** 8

**TOTAL LENGTH:** 0.76 Miles

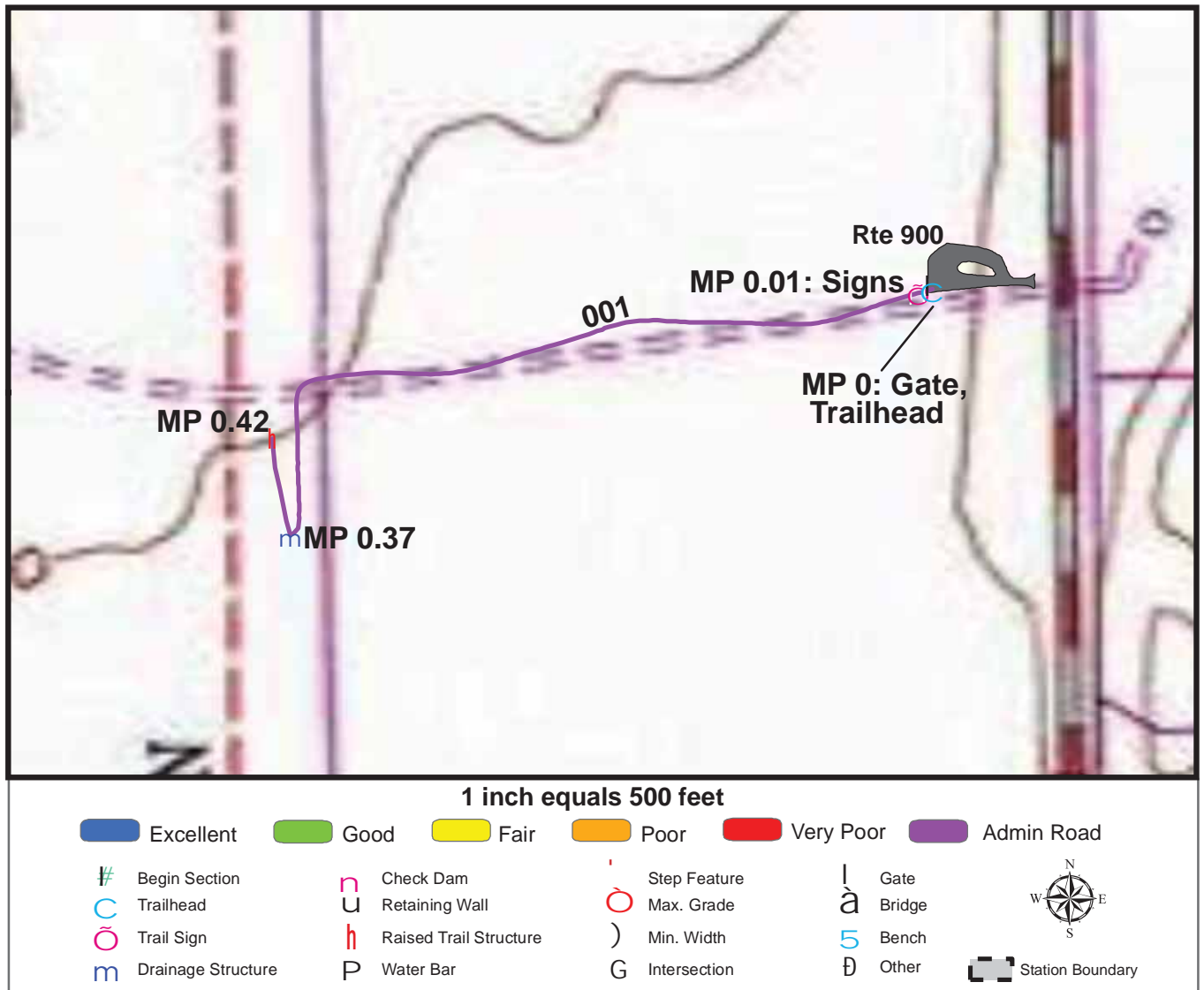
Section Number	001	002	003		
Section Length (miles)	0.42	0.09	0.25		
SAMMS Number	N/A	N/A	N/A		
Rating Date	6/15/2007	6/15/2007	6/15/2007		
<b>Trail Section Information</b>					
Trail Class	TC3	TC3	TC3		
Surface Type	Admin Road	Admin Road	Mowed		
Surface Firmness	Hard	Hard	Hard		
Width (inches)	144	144	108		
Average Grade (%)	1.3	1.3	1.3		
Average X-slope (%)	1.5	1.5	1.5		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0		
CRV	\$0	\$0	\$15899		
FCI	0	0	0		
Condition	Not Rated	Not Rated	Excellent		

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$15899	0	Excellent



# TRAIL CONDITION



**Trail Name:** Llano Seco Unit Trail

**Refuge Name:** Sacramento River NWR

**Trail Number:** T302

**Region:** 8

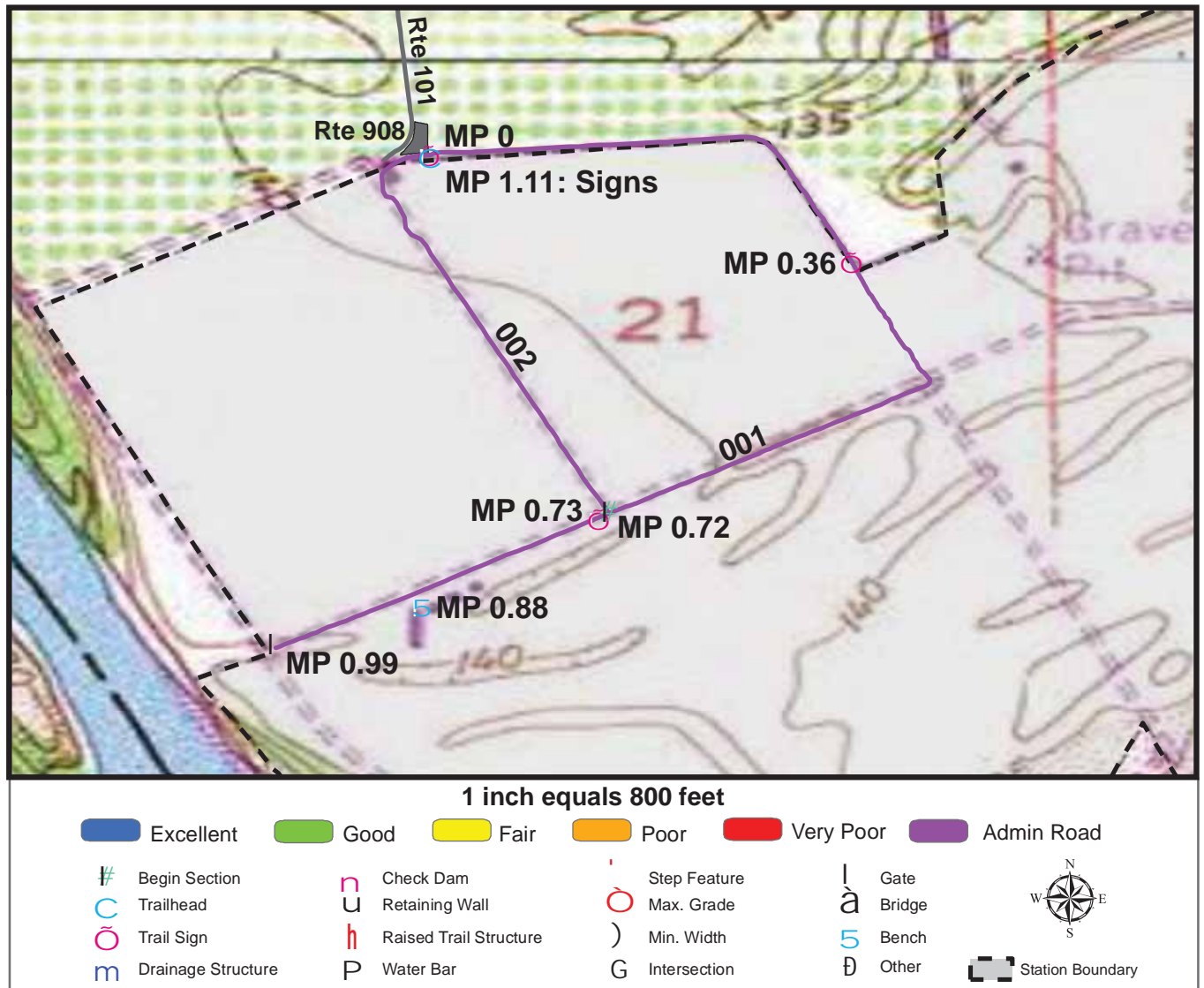
**TOTAL LENGTH:** 0.42 Miles

Section Number	001				
Section Length (miles)	0.42				
SAMMS Number	N/A				
Rating Date	6/15/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Admin Road				
Surface Firmness	Hard				
Width (inches)	105				
Average Grade (%)	0.9				
Average X-slope (%)	4.1				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Not Rated				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# TRAIL CONDITION



**Trail Name:** Pine Creek Unit Trail

**Refuge Name:** Sacramento River NWR

**Trail Number:** T303

**Region:** 8

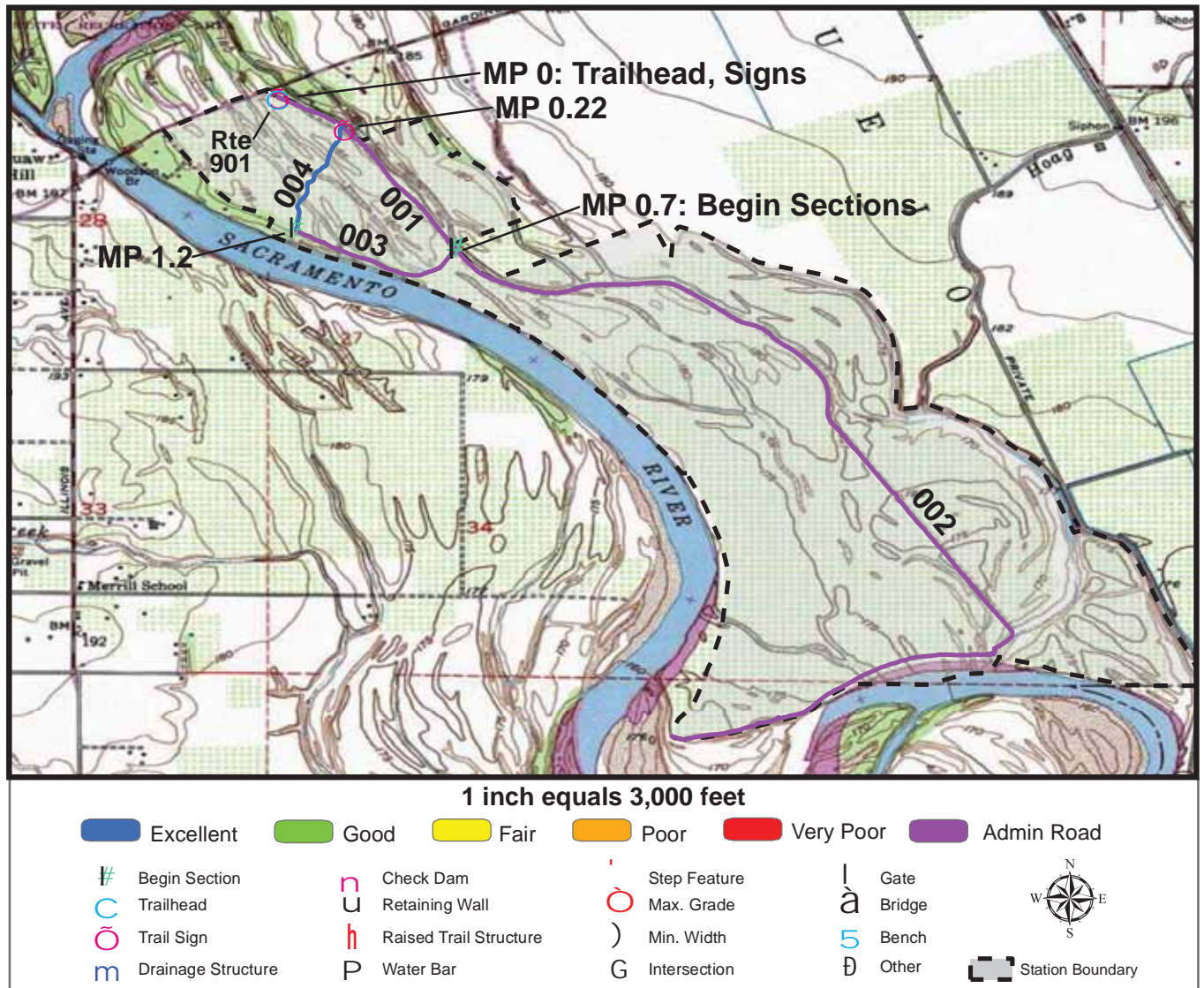
**TOTAL LENGTH:** 1.38 Miles

Section Number	001	002			
Section Length (miles)	0.99	0.39			
SAMMS Number	N/A	N/A			
Rating Date	6/15/2007	6/15/2007			
<b>Trail Section Information</b>					
Trail Class	TC3	TC3			
Surface Type	Admin Road	Admin Road			
Surface Firmness	Hard	Hard			
Width (inches)	106	106			
Average Grade (%)	0.7	0.7			
Average X-slope (%)	0.9	0.9			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$0	\$0			
FCI	0	0			
Condition	Not Rated	Not Rated			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# TRAIL CONDITION



**Trail Name:** Rio Vista Unit Trail

**Refuge Name:** Sacramento River NWR

**Trail Number:** T304

**Region:** 8

**TOTAL LENGTH:** 4.72 Miles

Section Number	001	002	003	004
Section Length (miles)	0.7	3.14	0.5	0.38
SAMMS Number	N/A	N/A	N/A	N/A
Rating Date	6/15/2007	6/15/2007	6/15/2007	6/15/2007
<b>Trail Section Information</b>				
Trail Class	TC3	TC3	TC3	TC3
Surface Type	Admin Road	Admin Road	Admin Road	Mowed
Surface Firmness	Hard	Hard	Hard	Hard
Width (inches)	138	138	138	138
Average Grade (%)	1.3	1.3	1.3	1.3
Average X-slope (%)	3.4	3.4	3.4	3.4
<b>Trail Condition Information</b>				
Deferred Maintenance	\$0	\$0	\$0	\$0
CRV	\$0	\$0	\$0	\$30865
FCI	0	0	0	0
Condition	Not Rated	Not Rated	Not Rated	Excellent

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$30865	0	Excellent



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 1 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 2 - MP 0.0 - Sign (Grouped)

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 3 - MP 0.0 - Trailhead

TRAIL NUMBER: **T301**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 4 - MP 0.0 - Signs



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 5 - MP 0.0 - Sign

TRAIL NUMBER: T301

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 6 - MP 0.01 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 7 - MP 0.17 - Sign (Grouped)

TRAIL NUMBER: **T301**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 9 - MP 0.17 - Begin Section 002



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 10 - MP 0.21 - Begin Section 003

TRAIL NUMBER: T301

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 8 - MP 0.23 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T302**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 11 - MP 0.0 - Trailhead

TRAIL NUMBER: **T302**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 12 - MP 0.01 - Signs



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T303**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 13 - MP 0.0 - Trailhead

TRAIL NUMBER: **T303**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 15 - MP 0.36 - Sign (Grouped)

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T303**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 17 - MP 0.72 - Begin Section 002

TRAIL NUMBER: **T303**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 16 - MP 0.73 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T303**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 14 - MP 1.11 - Signs

TRAIL NUMBER: **T304**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 18 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T304**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 19 - MP 0.0 - Signs

TRAIL NUMBER: **T304**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 20 - MP 0.0 - Signs



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T304**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 22 - MP 0.22 - Sign (Grouped)

TRAIL NUMBER: **T304**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 23 - MP 0.7 - Begin Section 003



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T304**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 24 - MP 0.7 - Begin Section 002

TRAIL NUMBER: **T304**

STATION: Sacramento River NWR

DATE: 6/15/2007



Photo # 25 - MP 1.2 - Begin Section 004



# **The Trail Inventory of Salinas River National Wildlife Refuge Newark, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
July 2007**



# Salinas River National Wildlife Refuge

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native	0.20	13%		0%		0%		0%		0%		0%	0.20
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed	0.76	50%		0%		0%		0%		0%		0%	0.76
Admin Road		0%		0%		0%		0%		0%	0.57	37%	0.57
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.96	63%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.57	37%	1.53

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	0.96	63%		0%		0%		0%		0%	0.57	37%	1.53
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.96	63%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.57	37%	1.53

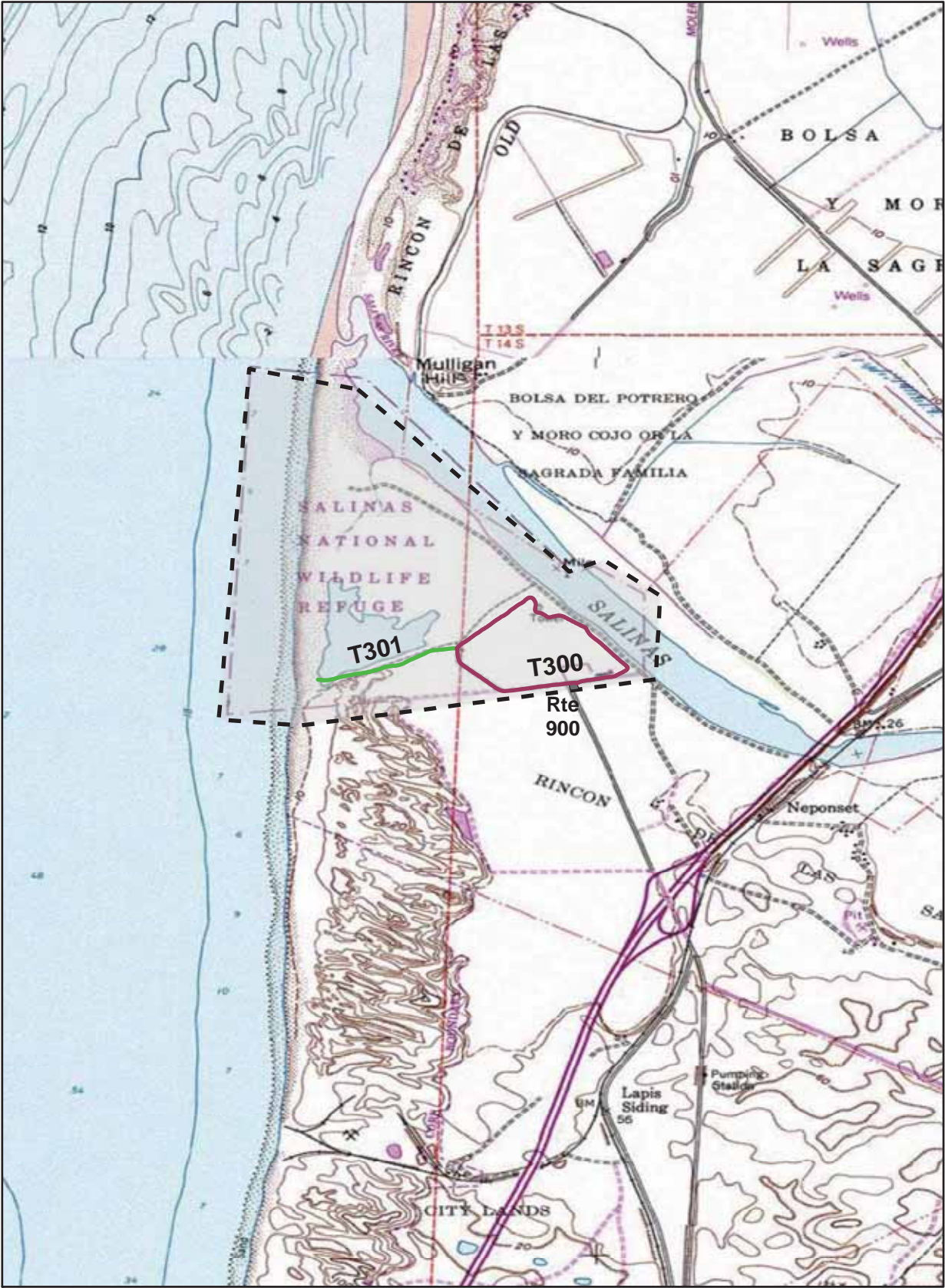
\* Admin Roads are included in the inventory but are not rated for condition.



Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	2	Yes	N/A	2
T300	Sign	1	No	0.54	4
T301	Sign	1	No	0.18	6
sf-square feet lf-linear feet cf-cubic feet					

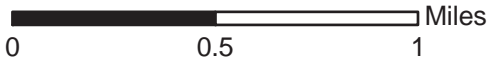
# SALINAS RIVER NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



Station Boundary



HQ/VC



## TRAILS ID

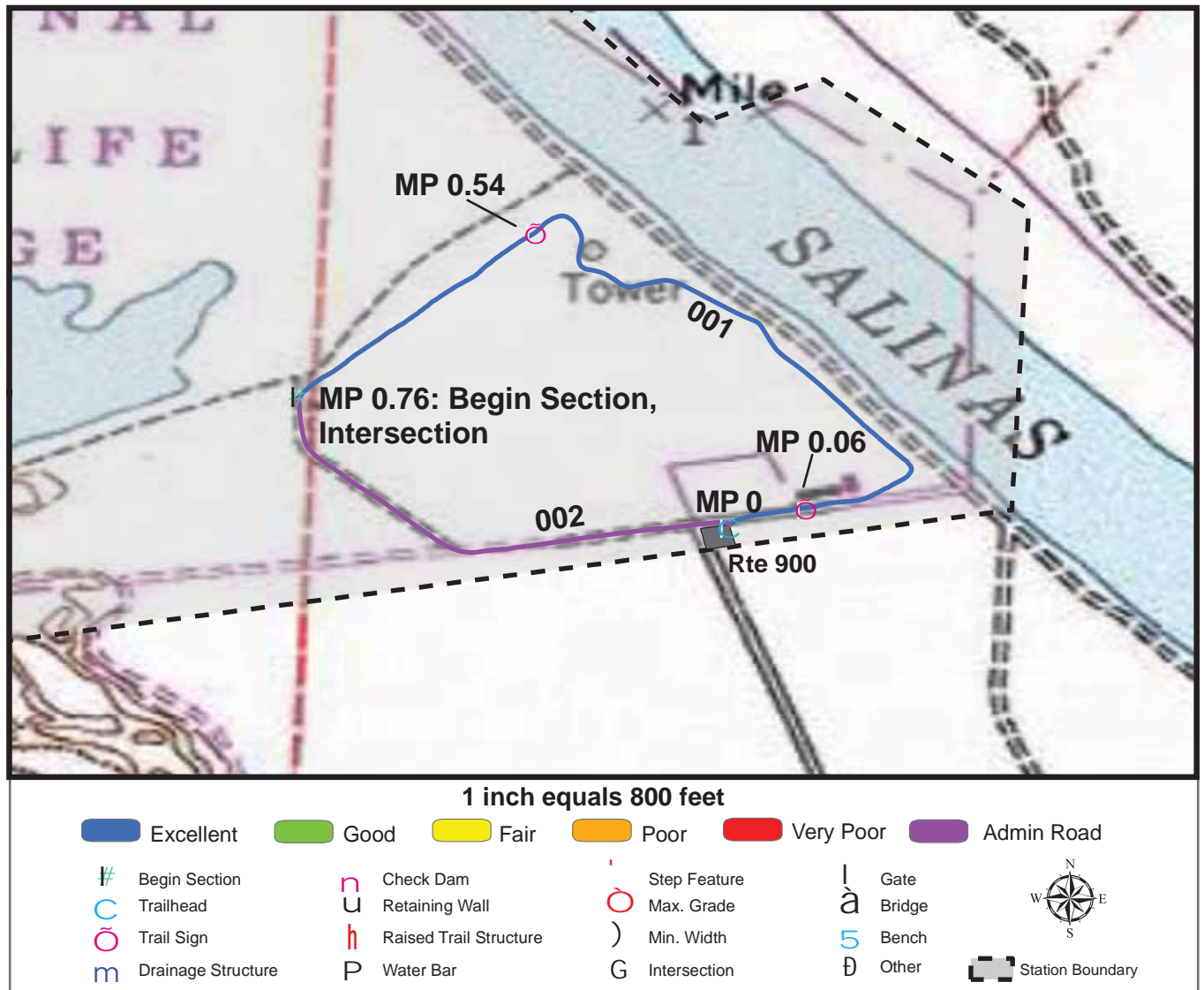
**Station Name: Salinas River NWR**

**Org. Code: 81642**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	River Loop Trail	Mowed, Admin Road	10036172	1.15	From Salinas River Parking (Rte 900) to end of loop
T301	Beach Trail	Native, Admin Road	10000752	0.38	From River Loop Trail (T300) to beach



# TRAIL CONDITION



**Trail Name:** River Loop Trail

**Refuge Name:** Salinas River

**Trail Number:** T300

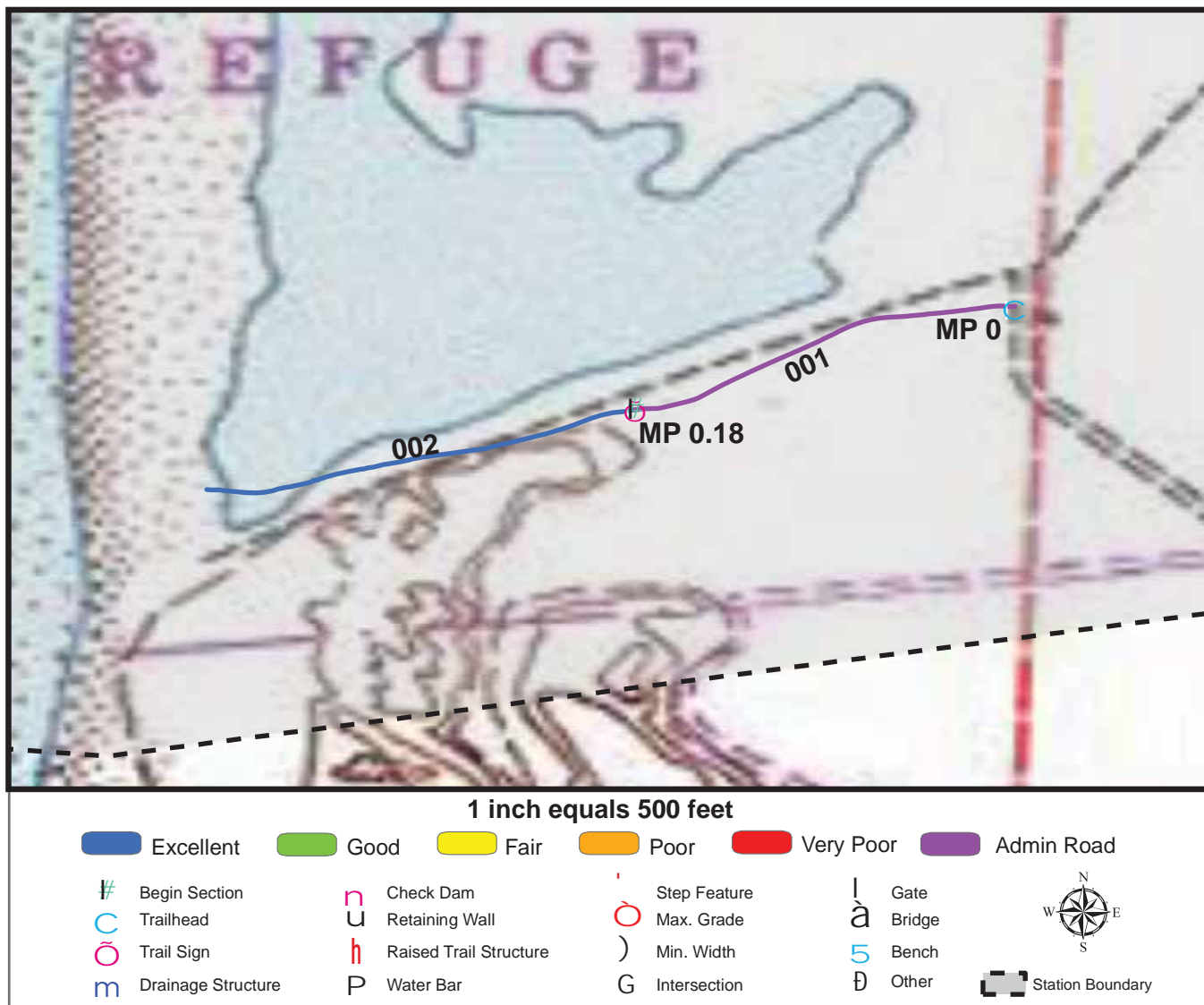
**Region:** 8

**TOTAL LENGTH:** 1.15 Miles

Section Number	001	002			
Section Length (miles)	0.76	0.39			
SAMMS Number	10036172	10036172			
Rating Date	7/14/2007	7/14/2007			
<b>Trail Section Information</b>					
Trail Class	TC3	TC3			
Surface Type	Mowed	Admin Road			
Surface Firmness	Firm	Firm			
Width (inches)	120	120			
Average Grade (%)	5.7	5.7			
Average X-slope (%)	2.1	2.1			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$53446	\$0			
FCI	0	0			
Condition	Excellent	Not Rated			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$53446	0	Excellent



**Trail Name:** Beach Trail

**Refuge Name:** Salinas River

**Trail Number:** T301

**Region:** 8

**TOTAL LENGTH:** 0.38 Miles

Section Number	001	002		
Section Length (miles)	0.18	0.20		
SAMMS Number	10000752	10000752		
Rating Date	7/14/2007	7/14/2007		
<b>Trail Section Information</b>				
Trail Class	TC3	TC3		
Surface Type	Admin Road	Native		
Surface Firmness	Firm	Firm		
Width (inches)	120	120		
Average Grade (%)	1.2	1.2		
Average X-slope (%)	1.9	1.9		
<b>Trail Condition Information</b>				
Deferred Maintenance	\$0	\$0		
CRV	\$0	\$55096		
FCI	0	0		
Condition	Not Rated	Excellent		

**Trail Condition TOTALS**

Deferred Maintenance	CRV	FCI	Condition
\$0	\$55096	0	Excellent

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Salinas River NWR

DATE: 7/14/2007



Photo # 1 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300**

STATION: Salinas River NWR

DATE: 7/14/2007



Photo # 2 - MP 0.06 - Sign (Grouped)



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Salinas River NWR

DATE: 7/14/2007



Photo # 4 - MP 0.54 - Sign

TRAIL NUMBER: **T300**

STATION: Salinas River NWR

DATE: 7/14/2007



Photo # 9 - MP 0.76 - Begin Section 002

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**

STATION: Salinas River NWR

DATE: 7/14/2007



Photo # 5 - MP 0.0 - Trailhead

TRAIL NUMBER: **T301**

STATION: Salinas River NWR

DATE: 7/14/2007



Photo # 6 - MP 0.18 - Sign



# **The Trail Inventory of San Diego National Wildlife Refuge Jamul, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
January 2007**





# San Diego NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native	1.51	61%		0%		0%	0.43	17%	0.55	22%		0%	2.49
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	1.51	61%	0.00	0%	0.00	0%	0.43	17%	0.55	22%	0.00	0%	2.49

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%	0.43	17%	0.55	22%		0%	0.98
TC3	1.51	61%		0%		0%		0%		0%		0%	1.51
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	1.51	61%	0.00	0%	0.00	0%	0.43	17%	0.55	22%	0.00	0%	2.49

\* Admin Roads are included in the inventory but are not rated for condition.

## Trail Features

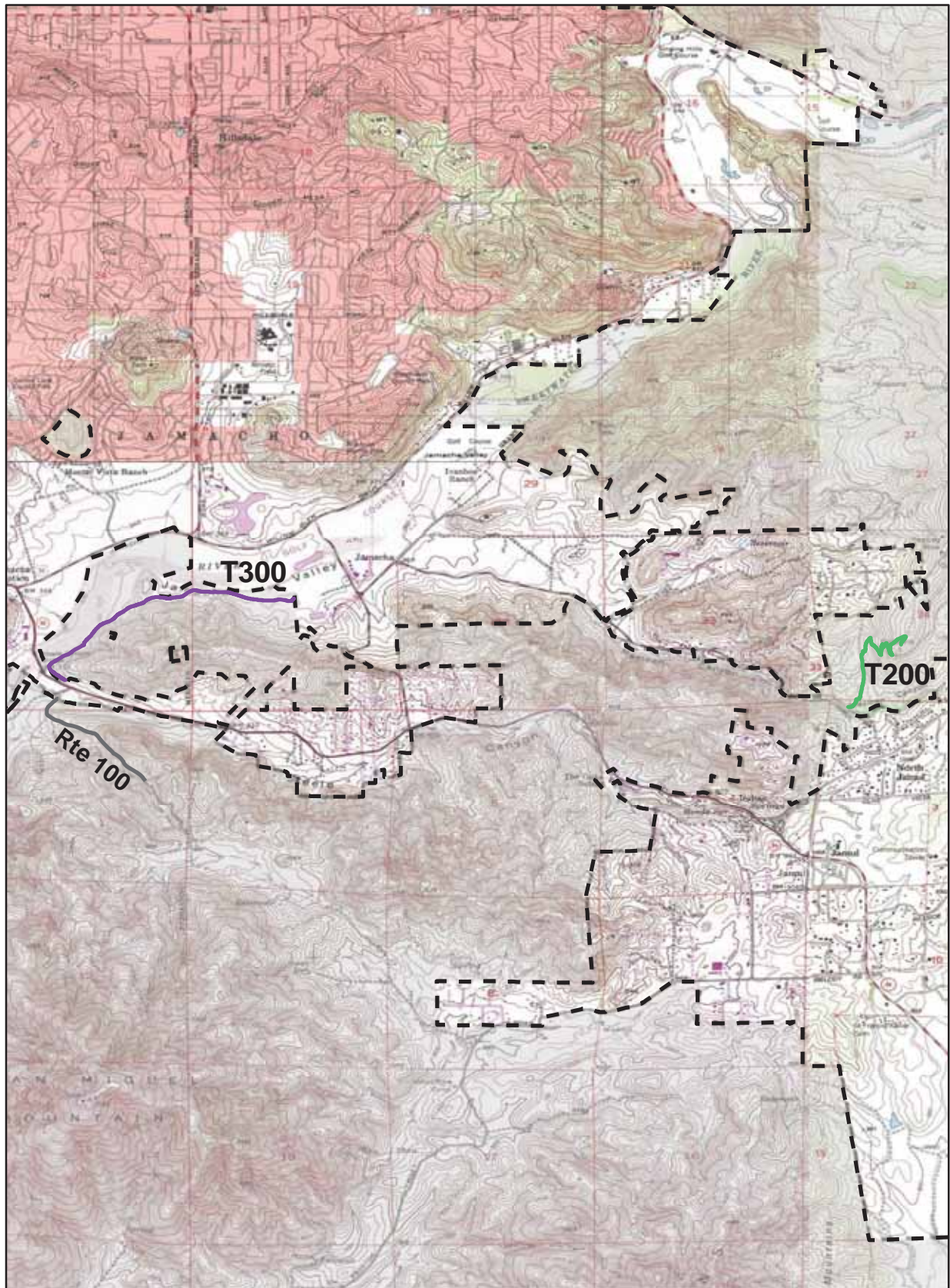
Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T200	Water Bar:Rock -each	59	Yes	N/A	N/A
T300	Gate	1	No	0	N/A
T300	Sign	8	Yes	N/A	2105
T300	Sign	7	Yes	N/A	2106

**sf-square feet**

**lf-linear feet**

**cf-cubic feet**

# SAN DIEGO NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



Station Boundary



HQ/VC

0 0.5 1 Miles



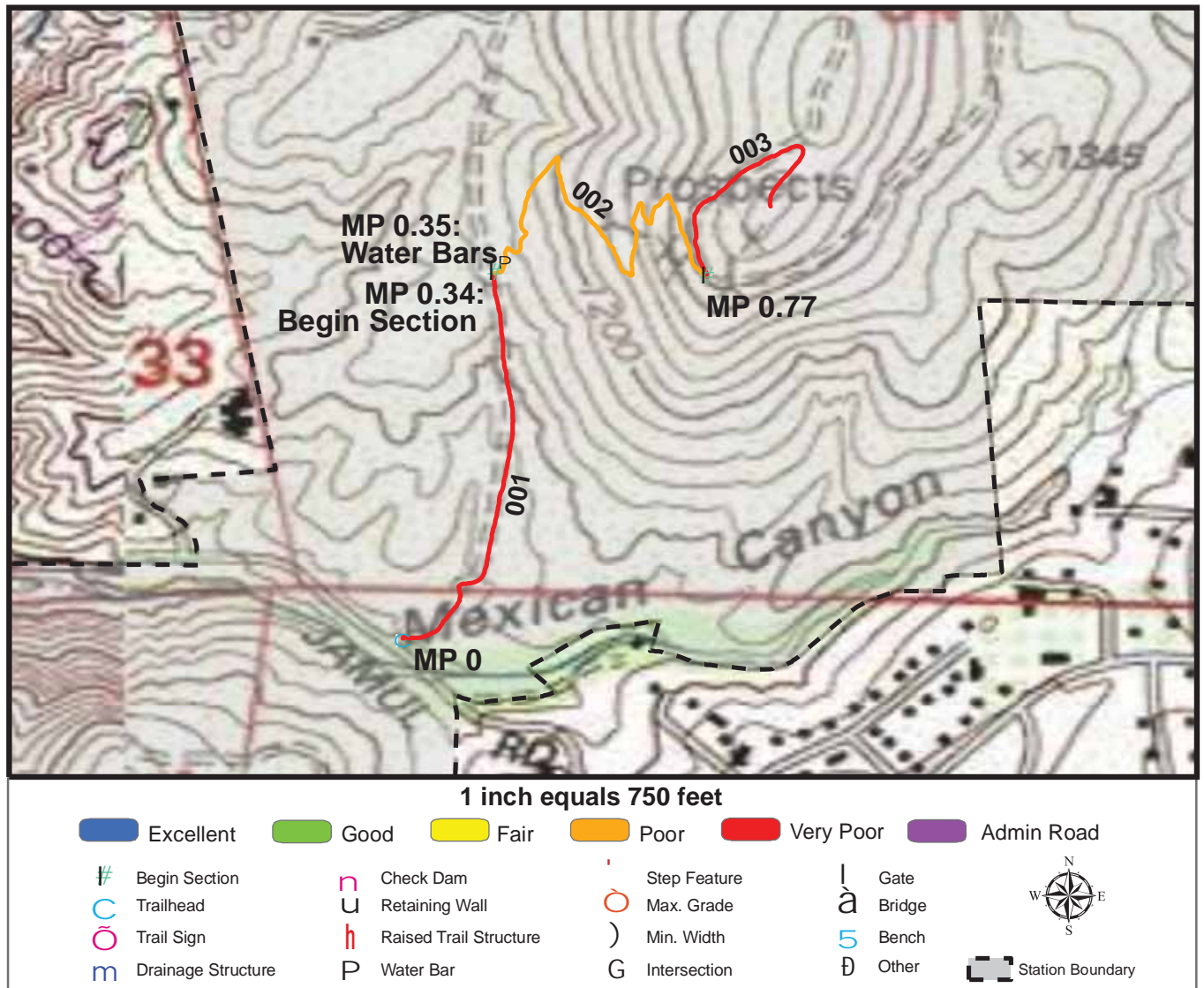
## TRAILS ID

**Station Name: San Diego NWR**

**Org. Code: 81720**

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T200	Doenges Trail	Native	N/A	0.98	From Jamul Dr. parking to top of Mt. McGinty
T300	Par 4 Trail	Native	N/A	1.51	From Par 4 Dr. trailhead to Bright Valley Stables entrance road

# TRAIL CONDITION



**Trail Name:** Doenges Trail

**Refuge Name:** San Diego NWR

**Trail Number:** T200

**Region:** 8

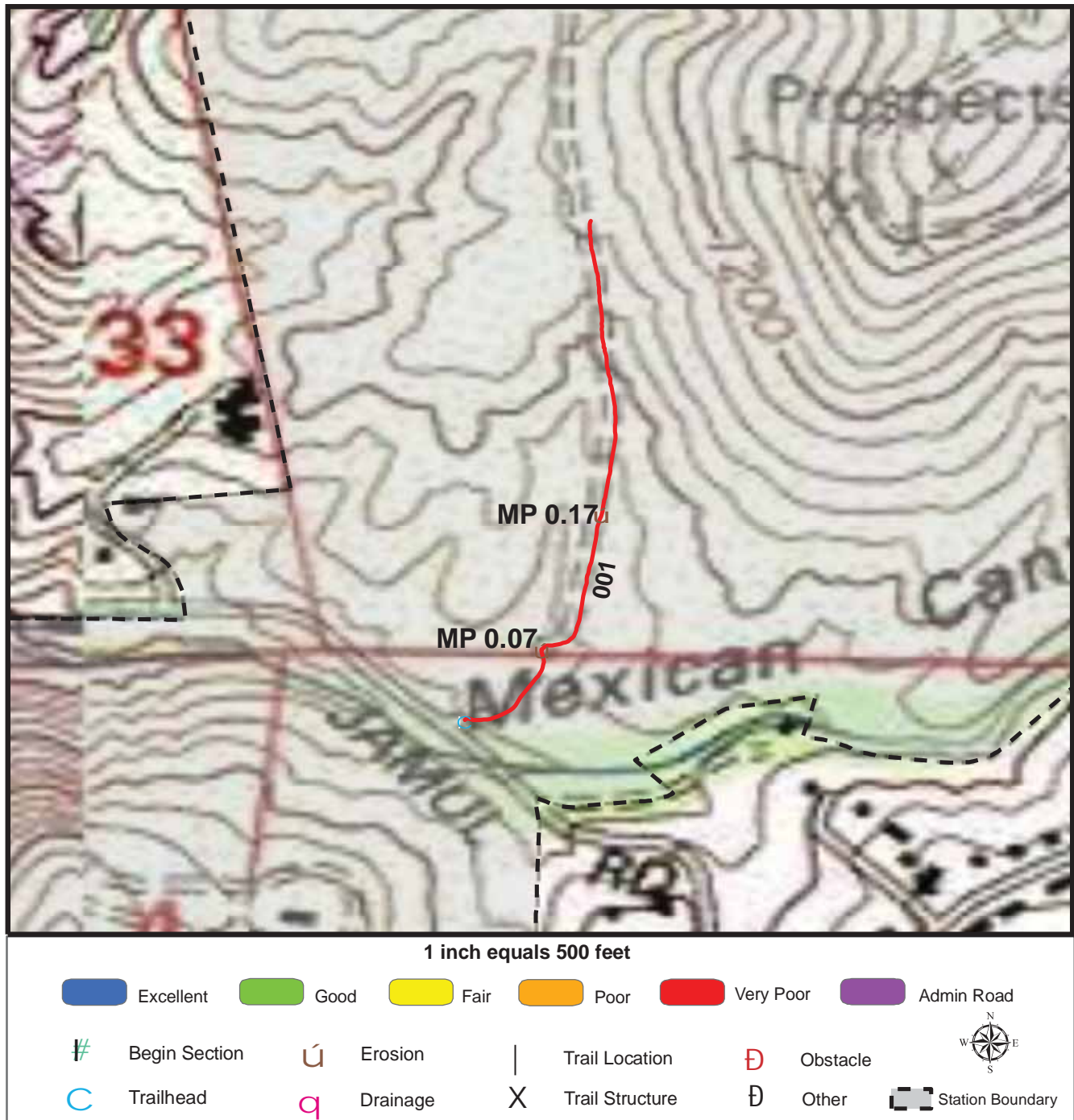
**TOTAL LENGTH:** 0.98 Miles

Section Number	001	002	003		
Section Length (miles)	0.34	0.43	0.21		
SAMMS Number	N/A	N/A	N/A		
Rating Date	1/22/2007	1/22/2007	1/22/2007		
<b>Trail Section Information</b>					
Trail Class	TC2	TC2	TC2		
Surface Type	Native	Native	Native		
Surface Firmness	Firm	Firm	Hard		
Width (inches)	48	36	36		
Average Grade (%)	10.7	10.7	10.7		
Average X-slope (%)	15.5	15.5	15.5		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$10446.39	\$7614.45	\$7262.91		
CRV	\$35439.94	\$47699.15	\$16073.64		
FCI	0.295	0.16	0.452		
Condition	Very Poor	Poor	Very Poor		

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$25323.75	\$99212.73	0.255	Very Poor

# TRAIL DEFICIENCY



Trail Name: Doenges Trail

Refuge Name: San Diego NWR

Trail Number: T200

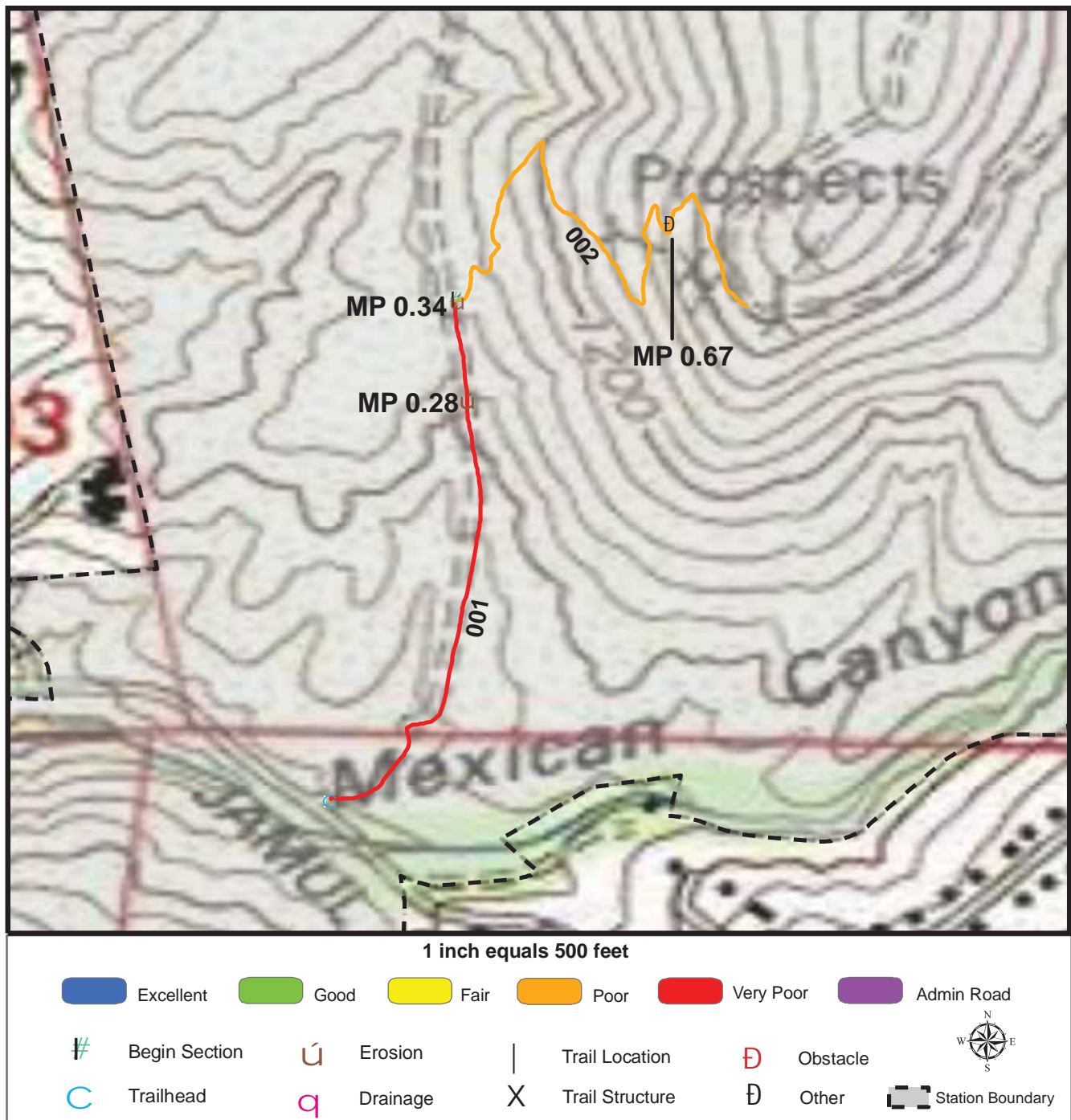
Region: 8

TOTAL LENGTH: 0.98 Miles

Mile Post	0.07	0.07	0.17	0.17
Section Number	001	001	001	001
Photo Number	2091	2091	2092	2092
Deficiency	Erosion	Erosion	Erosion	Erosion
Action	Repair	Build/Add	Build/Add	Repair
Item	Tread -sf	Water Bar:Rock -each	Water Bar:Rock -each	Tread -sf
Quantity	350	10	10	300
Deferred Maintenance	\$901.59	\$2499.36	\$2499.36	\$779.82



# TRAIL DEFICIENCY



Trail Name: Doenges Trail

Refuge Name: San Diego NWR

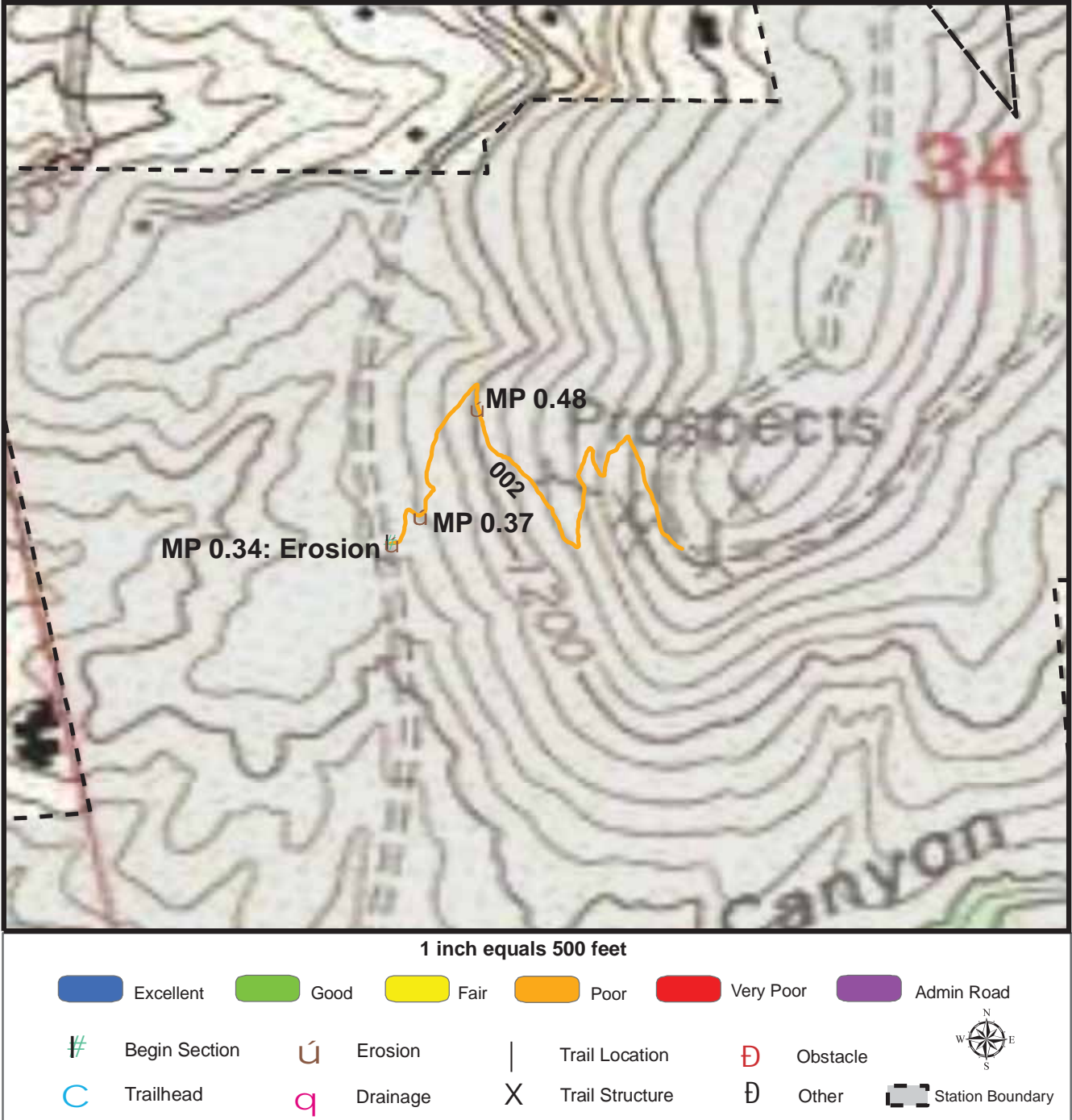
Trail Number: T200

Region: 8

TOTAL LENGTH: 0.98 Miles

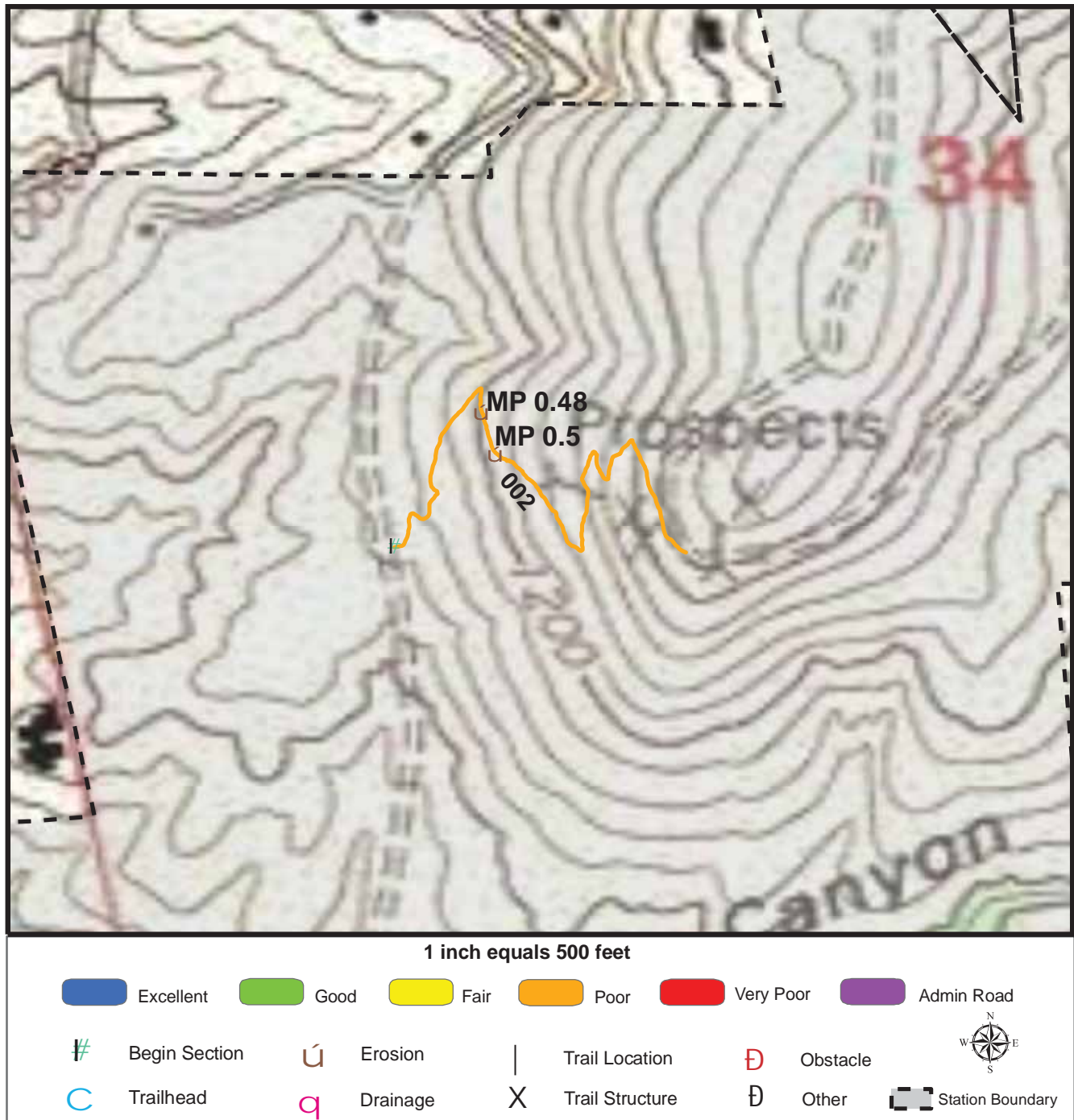
Mile Post	0.28	0.28	0.67	0.34
Section Number	001	001	002	002
Photo Number	2093	2093	2100	2094
Deficiency	Erosion	Erosion	Other	Erosion
Action	Repair	Build/Add	Build/Add	Build/Add
Item	Tread -sf	Water Bar:Rock -each	Crib: Rock -cf	Water Bar:Rock -each
Quantity	500	10	100	3
Deferred Maintenance	\$1266.9	\$2499.36	\$3044.25	\$784.25

# TRAIL DEFICIENCY



<b>Trail Name:</b> Doenges Trail	<b>Refuge Name:</b> San Diego NWR			
<b>Trail Number:</b> T200	<b>Region:</b> 8		<b>TOTAL LENGTH:</b> 0.98 Miles	
Mile Post	0.34	0.37	0.37	0.48
Section Number	002	002	002	002
Photo Number	2094	2095	2095	2096
Deficiency	Erosion	Erosion	Erosion	Erosion
Action	Repair	Repair	Build/Add	Repair
Item	Tread -sf	Tread -sf	Water Bar:Rock -each	Tread -sf
Quantity	60	20	1	30
Deferred Maintenance	\$195.32	\$97.91	\$294.22	\$122.26

# TRAIL DEFICIENCY



Trail Name: Doenges Trail

Refuge Name: San Diego NWR

Trail Number: T200

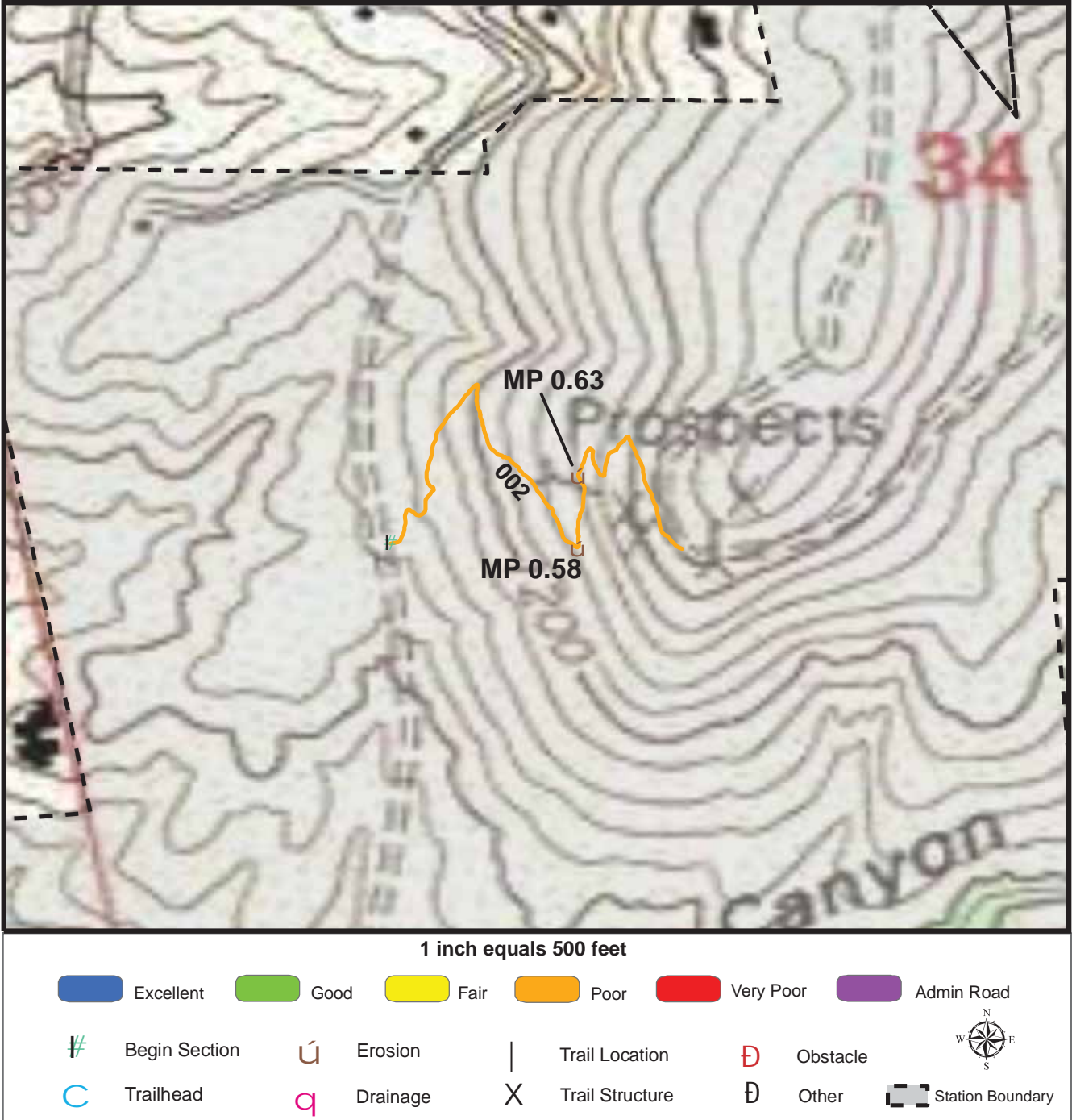
Region: 8

TOTAL LENGTH: 0.98 Miles

Mile Post	0.48	0.48	0.5	0.5
Section Number	002	002	002	002
Photo Number	2096	2096	2097	2097
Deficiency	Erosion	Erosion	Erosion	Erosion
Action	Build/Add	Build/Add	Build/Add	Repair
Item	Drainage Ditch -lf	Water Bar:Rock -each	Water Bar:Rock -each	Tread -sf
Quantity	30	1	3	60
Deferred Maintenance	\$185.73	\$294.22	\$784.25	\$195.32

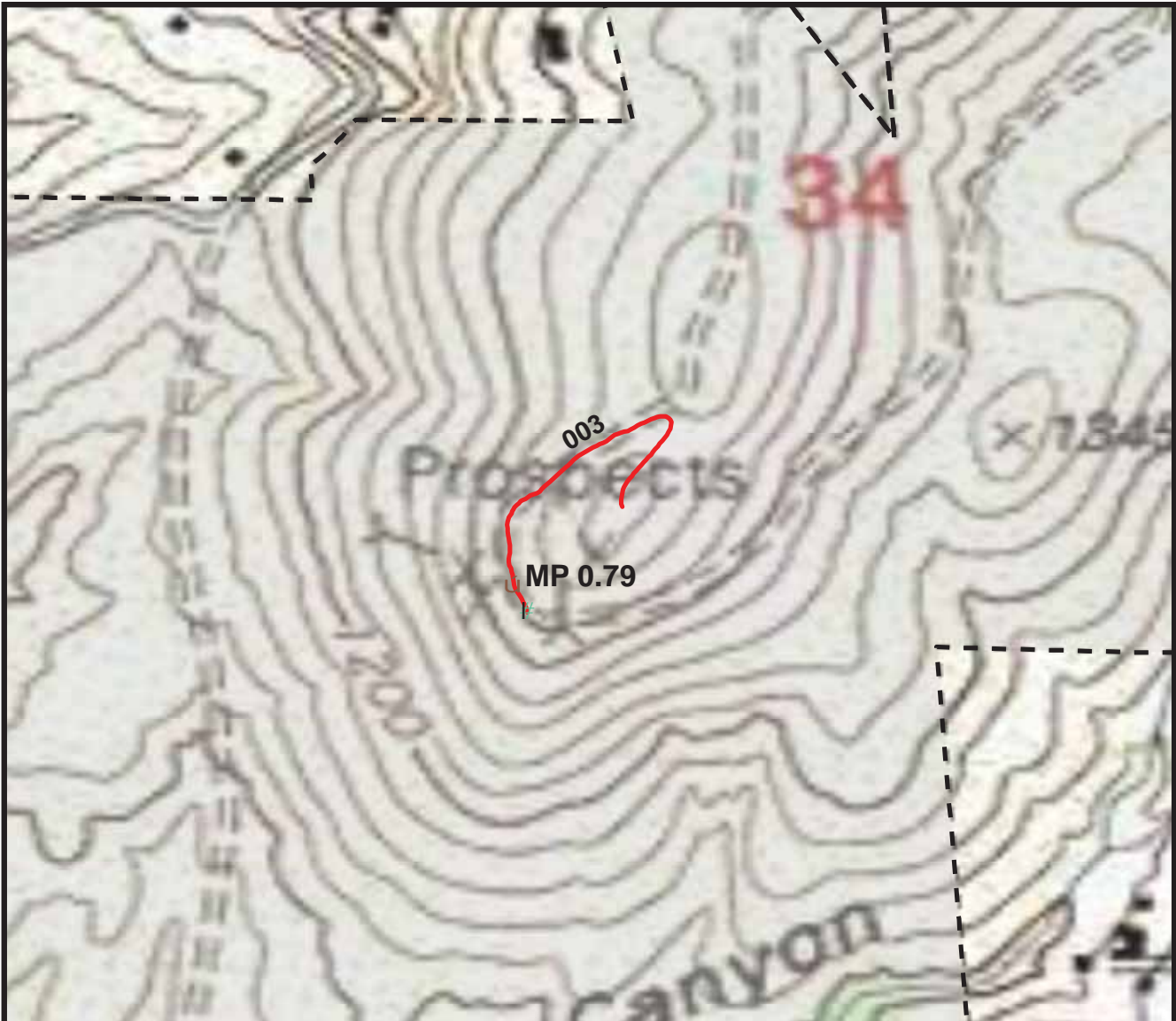


# TRAIL DEFICIENCY



<b>Trail Name:</b> Doenges Trail	<b>Refuge Name:</b> San Diego NWR			
<b>Trail Number:</b> T200	<b>Region:</b> 8		<b>TOTAL LENGTH:</b> 0.98 Miles	
Mile Post	0.58	0.58	0.63	0.63
Section Number	002	002	002	002
Photo Number	2098	2098	2099	2099
Deficiency	Erosion	Erosion	Erosion	Erosion
Action	Repair	Build/Add	Build/Add	Repair
Item	Tread -sf	Water Bar:Rock -each	Water Bar:Rock -each	Tread -sf
Quantity	40	3	2	40
Deferred Maintenance	\$146.62	\$784.25	\$539.23	\$146.62

# TRAIL DEFICIENCY



1 inch equals 500 feet



Trail Name: Doenges Trail

Refuge Name: San Diego NWR

Trail Number: T200

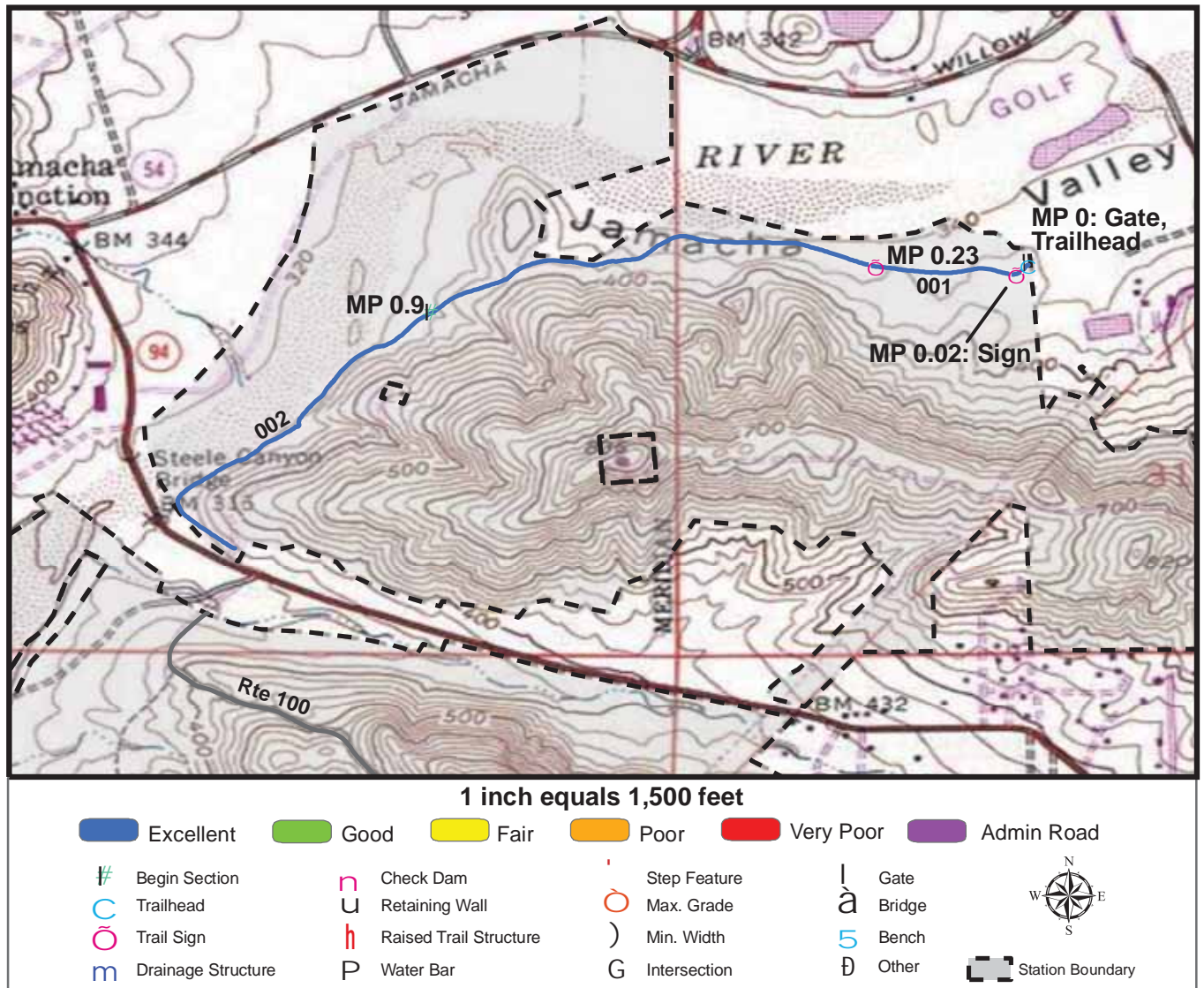
Region: 8

TOTAL LENGTH: 0.98 Miles

Mile Post	0.79	0.79		
Section Number	003	003		
Photo Number	2102	2102		
Deficiency	Erosion	Erosion		
Action	Repair	Build/Add		
Item	Tread -sf	Water Bar:Rock -each		
Quantity	2640	3		
Deferred Maintenance	\$6478.66	\$784.25		



# TRAIL CONDITION



**Trail Name:** Par 4 Trail

**Refuge Name:** San Diego NWR

**Trail Number:** T300

**Region:** 8

**TOTAL LENGTH:** 1.51 Miles

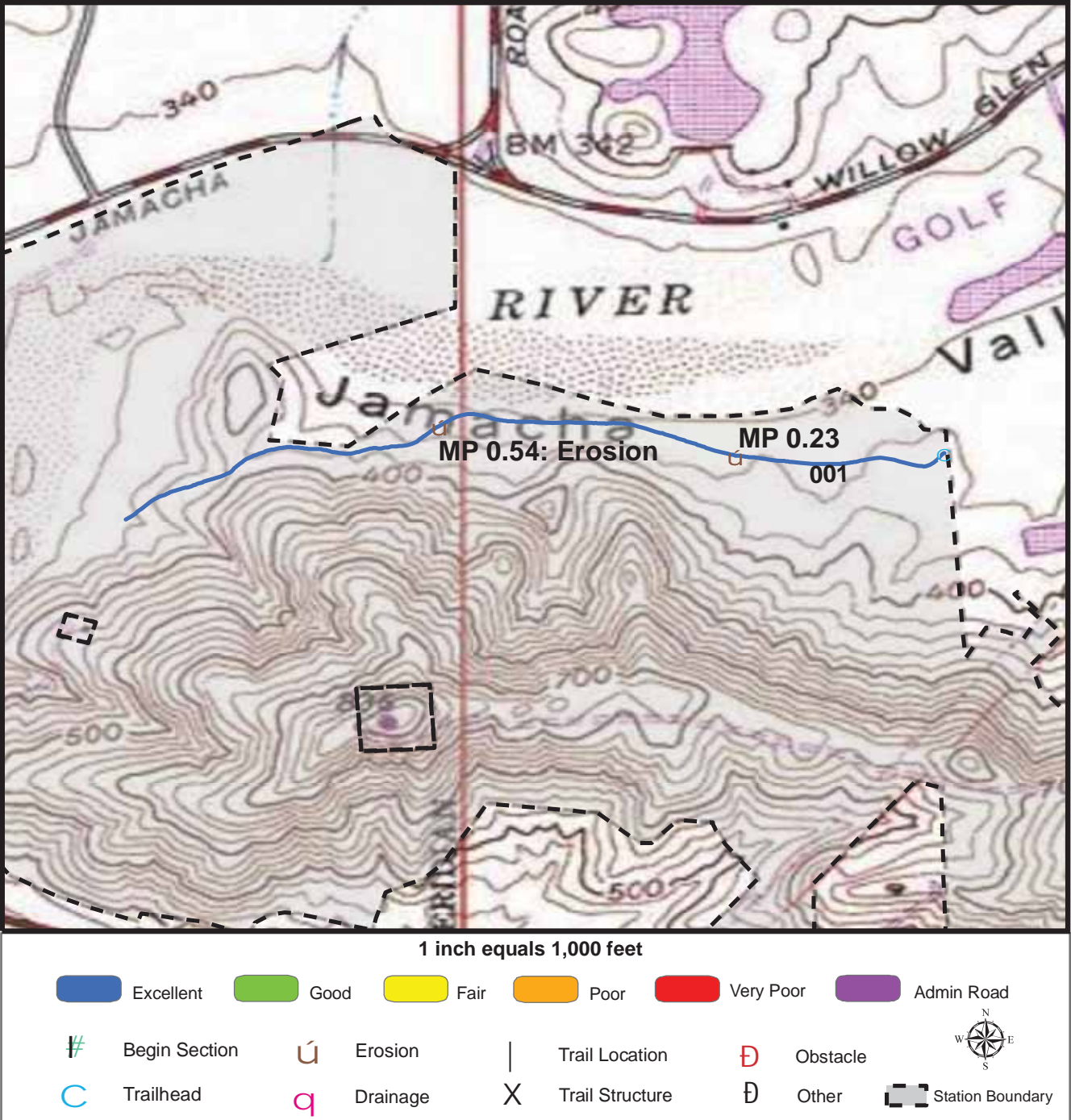
Section Number	001	002			
Section Length (miles)	0.9	0.61			
SAMMS Number	N/A	N/A			
Rating Date	1/22/2007	1/22/2007			
<b>Trail Section Information</b>					
Trail Class	TC3	TC3			
Surface Type	Native	Native			
Surface Firmness	Firm	Firm			
Width (inches)	120	36			
Average Grade (%)	5.8	5.8			
Average X-slope (%)	4.8	4.8			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$2153.97	\$97.91			
CRV	\$233483.65	\$46832.74			
FCI	0.009	0.002			
Condition	Excellent	Excellent			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$2251.88	\$280316.39	0.008	Excellent



# TRAIL DEFICIENCY



Trail Name: Par 4 Trail

Refuge Name: San Diego NWR

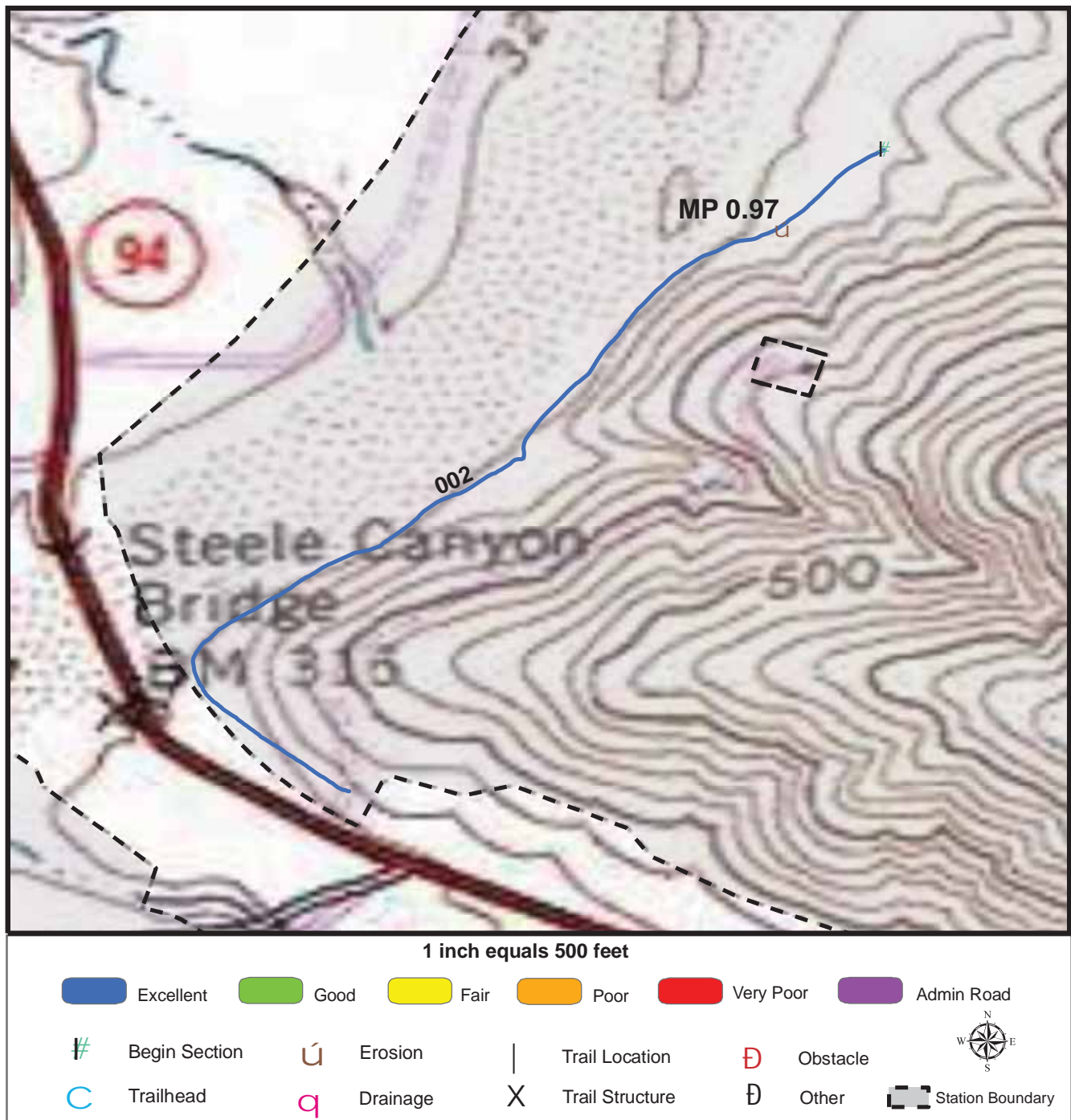
Trail Number: T300

Region: 8

TOTAL LENGTH: 1.51 Miles

Mile Post	0.23	0.23	0.54	0.54
Section Number	001	001	001	001
Photo Number	2107	2107	2108	2108
Deficiency	Erosion	Erosion	Erosion	Erosion
Action	Repair	Build/Add	Build/Add	Repair
Item	Tread -sf	Water Bar:Rock -each	Water Bar:Rock -each	Tread -sf
Quantity	50	2	4	150
Deferred Maintenance	\$170.97	\$539.23	\$1029.26	\$414.51

# TRAIL DEFICIENCY



Trail Name: Par 4 Trail

Refuge Name: San Diego NWR

Trail Number: T300

Region: 8

TOTAL LENGTH: 1.51 Miles

Mile Post	0.97			
Section Number	002			
Photo Number	2110			
Deficiency	Erosion			
Action	Repair			
Item	Tread -sf			
Quantity	20			
Deferred Maintenance	\$97.91			



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2090 - MP 0.0 - Trailhead

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2091 - MP 0.07 - Erosion Deficiency



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2092 - MP 0.17 - Erosion Deficiency

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2093 - MP 0.28 - Erosion Deficiency



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2094 - MP 0.34 - Erosion Deficiency, Begin Section 002

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2095 - MP 0.37 - Erosion Deficiency



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2096 - MP 0.48 - Erosion Deficiency

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2097 - MP 0.5 - Erosion Deficiency



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2098 - MP 0.58 - Erosion Deficiency

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2099 - MP 0.63 - Erosion Deficiency

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2100 - MP 0.67 - Other Deficiency

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2101 - MP 0.77 - Begin Section 003



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T200**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2102 - MP 0.79 - Erosion Deficiency

TRAIL NUMBER: **T300**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2104 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2105 - MP 0.02 - Sign (Grouped feature)

TRAIL NUMBER: **T300**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2107 - MP 0.23 - Erosion Deficiency

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2106 - MP 0.23 - Sign (Grouped feature)

TRAIL NUMBER: **T300**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2108 - MP 0.54 - Erosion Deficiency



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2109 - MP 0.9 - Begin Section 002

TRAIL NUMBER: **T300**

STATION: San Diego NWR

DATE: 1/22/2007



Photo # 2110 - MP 0.97 - Erosion Deficiency



# **The Trail Inventory of San Luis National Wildlife Refuge Los Banos, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
July 2007**



# San Luis NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%	10.28	100%	10.28
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	10.28	100%	10.28

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3		0%		0%		0%		0%		0%	10.28	100%	10.28
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	10.28	100%	10.28

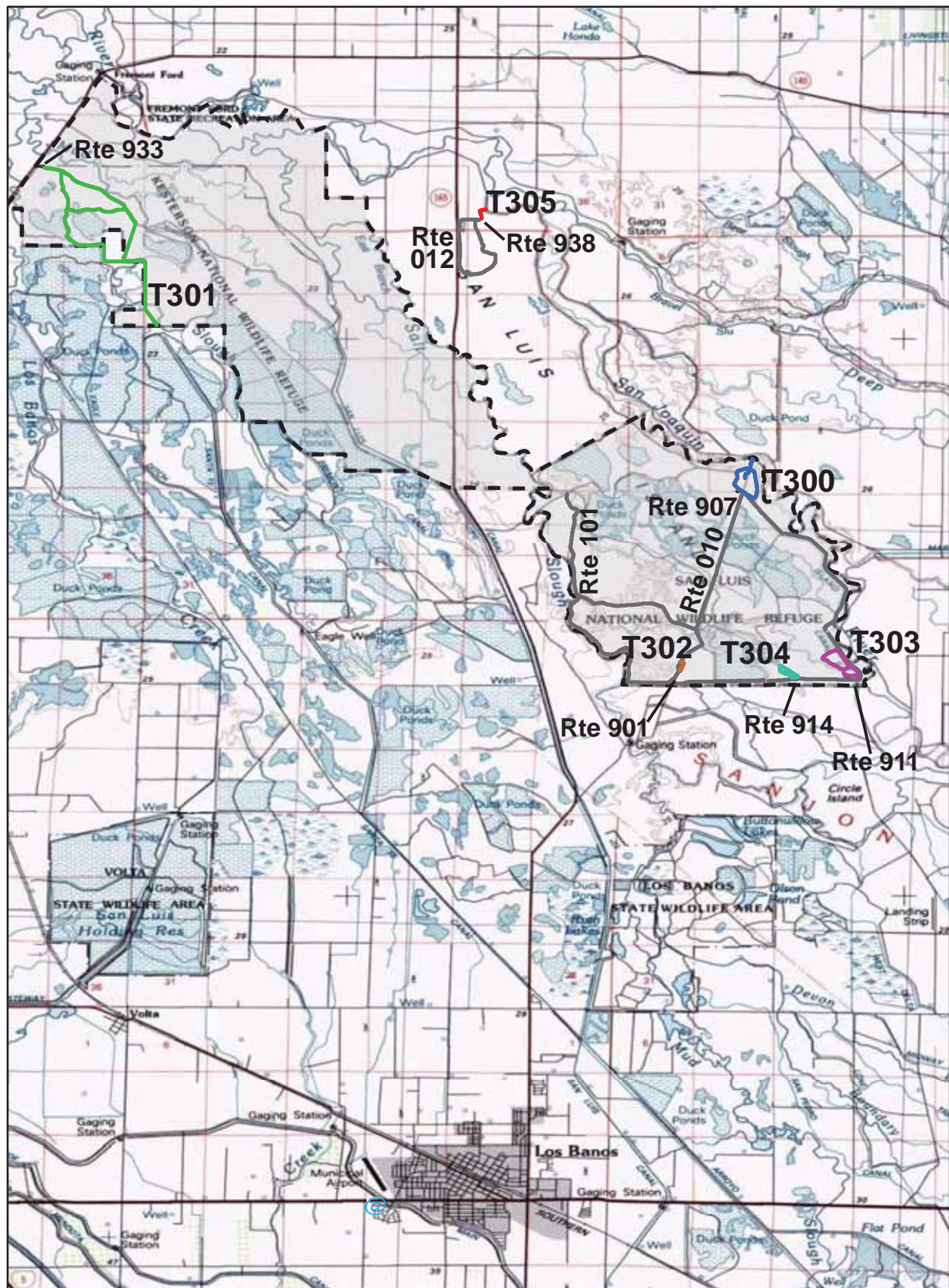
\* Admin Roads are included in the inventory but are not rated for condition.



## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	13	Yes	N/A	14
T300	Sign	12	Yes	N/A	2
T300	Bench	1	No	0.25	N/A
T300	Sign	2	No	0.52	4
T300	Bench	1	No	0.67	N/A
T300	Water Control Struc	1	No	0.98	N/A
T300	Water Control Struc	1	No	1.21	N/A
T301	Gate	1	No	0.00	N/A
T301	Sign	1	No	0.01	7
T301	Sign	1	No	0.04	8
T301	Culvert -lf	25	No	0.27	N/A
T301	Culvert -lf	25	No	1.25	N/A
T302	Sign	1	No	0.00	13
T303	Sign	1	No	0.00	15
T303	Sign	1	No	0.01	17
T303	Sign	1	No	0.10	19
T303	Sign	1	No	0.22	23
T303	Water Control Struc	1	No	0.41	N/A
T303	Sign	1	No	0.51	20
T303	Sign	1	No	0.72	21
T303	Lookout/Ob Deck	1	No	0.73	N/A
T304	Sign	4	Yes	N/A	25
T304	Sign	2	Yes	N/A	26
T304	Lookout/Ob Deck	1	No	0.21	N/A
T304	Water Control Struc	1	No	0.27	N/A
T305	Sign	2	No	0.01	29
T305	Bridge -sf	263	No	0.13	30
sf-square feet					
lf-linear feet					
cf-cubic feet					

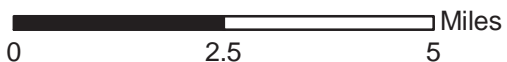
# SAN LUIS NWR TRAIL LOCATION MAP



Station Boundary



HQ/VC





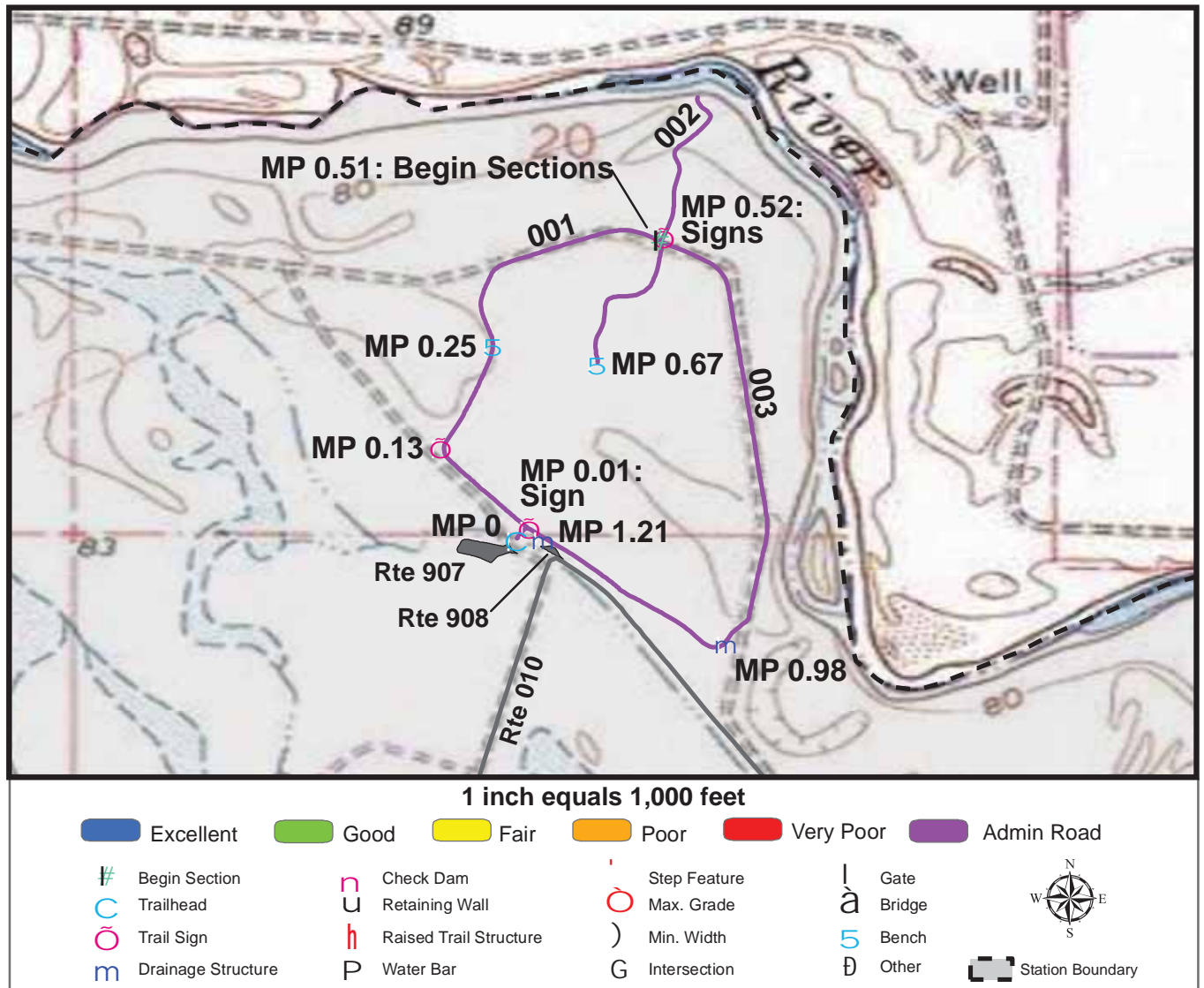
## TRAILS ID

**Station Name: San Luis NWR**

**Org. Code: 81655**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Chester Marsh Trail	Admin Road	N/A	1.57	From Chester Marsh Trail Parking (Rte 907) to end of loop
T301	Kesterson Unit Trail	Admin Road	N/A	6.22	From Kesterson Unit Parking (Rte 933) to end of loop
T302	Visitor Trail	Admin Road	N/A	0.18	From Kiosk Parking (Rte 901) to Waterfowl Tour Route (Rte 010)
T303	Sousa Trail	Admin Road	N/A	1.45	From Sousa Parking (Rte 911) to end of loop
T304	Winton Marsh Trail	Admin Road	N/A	0.65	From Winton Marsh Parking (Rte 914) to end of loop
T305	Romtech Trail	Admin Road	N/A	0.21	From Romtech Comfort Station Parking (Rte 938) to levee

# TRAIL CONDITION



**Trail Name:** Chester Marsh Trail

**Refuge Name:** San Luis NWR

**Trail Number:** T300

**Region:** 8

**TOTAL LENGTH:** 1.57 Miles

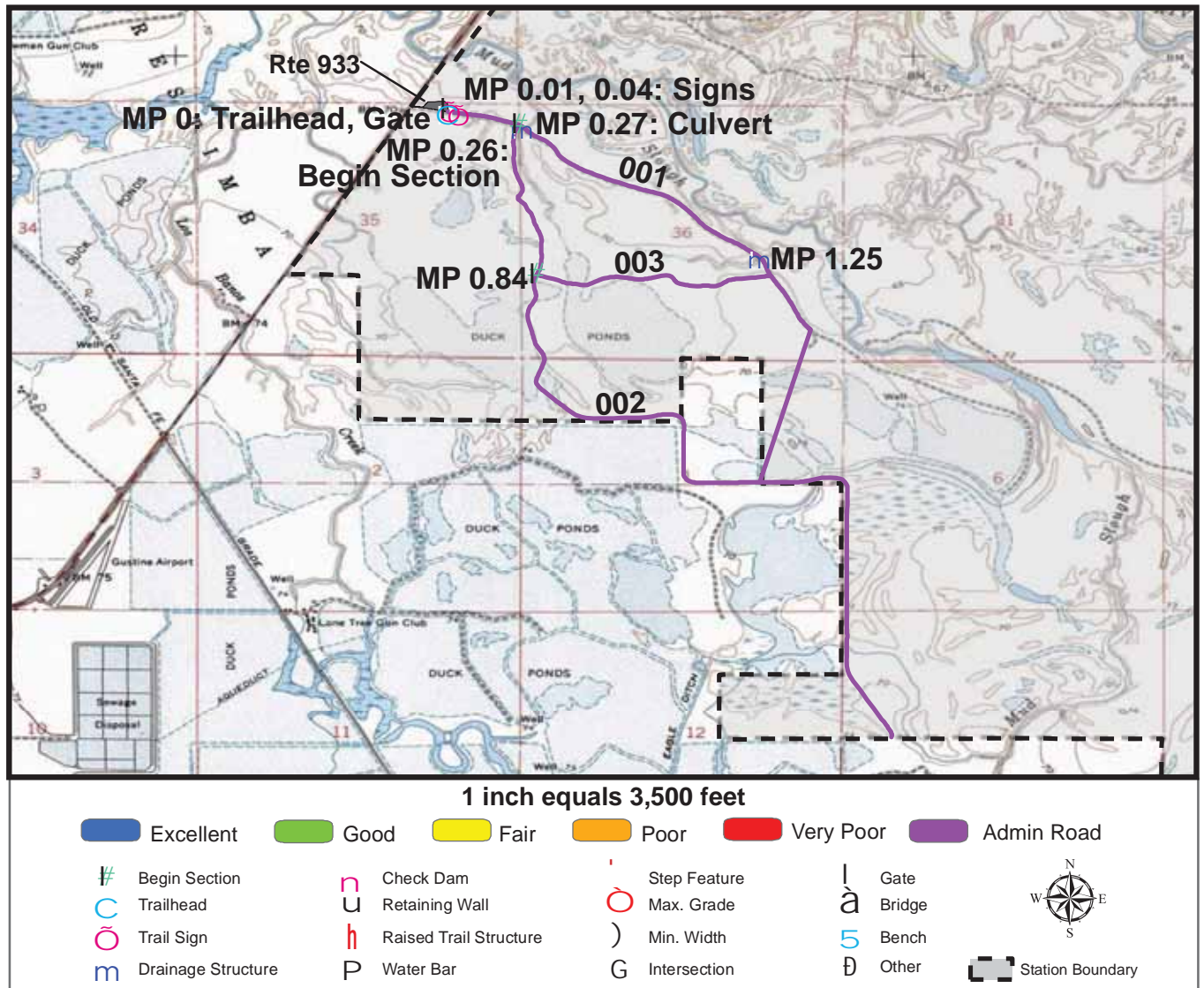
Section Number	001	002	003		
Section Length (miles)	0.67	0.18	0.72		
SAMMS Number	N/A	N/A	N/A		
Rating Date	7/11/2007	7/11/2007	7/11/2007		
<b>Trail Section Information</b>					
Trail Class	TC3	TC3	TC3		
Surface Type	Admin Road	Admin Road	Admin Road		
Surface Firmness	Hard	Hard	Hard		
Width (inches)	192	120	192		
Average Grade (%)	0.3	0.3	0.3		
Average X-slope (%)	1.8	1.8	1.8		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0		
CRV	\$0	\$0	\$0		
FCI	0	0	0		
Condition	Not Rated	Not Rated	Not Rated		

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated



# TRAIL CONDITION



**Trail Name:** Kesterson Unit Trail

**Refuge Name:** San Luis NWR

**Trail Number:** T301

**Region:** 8

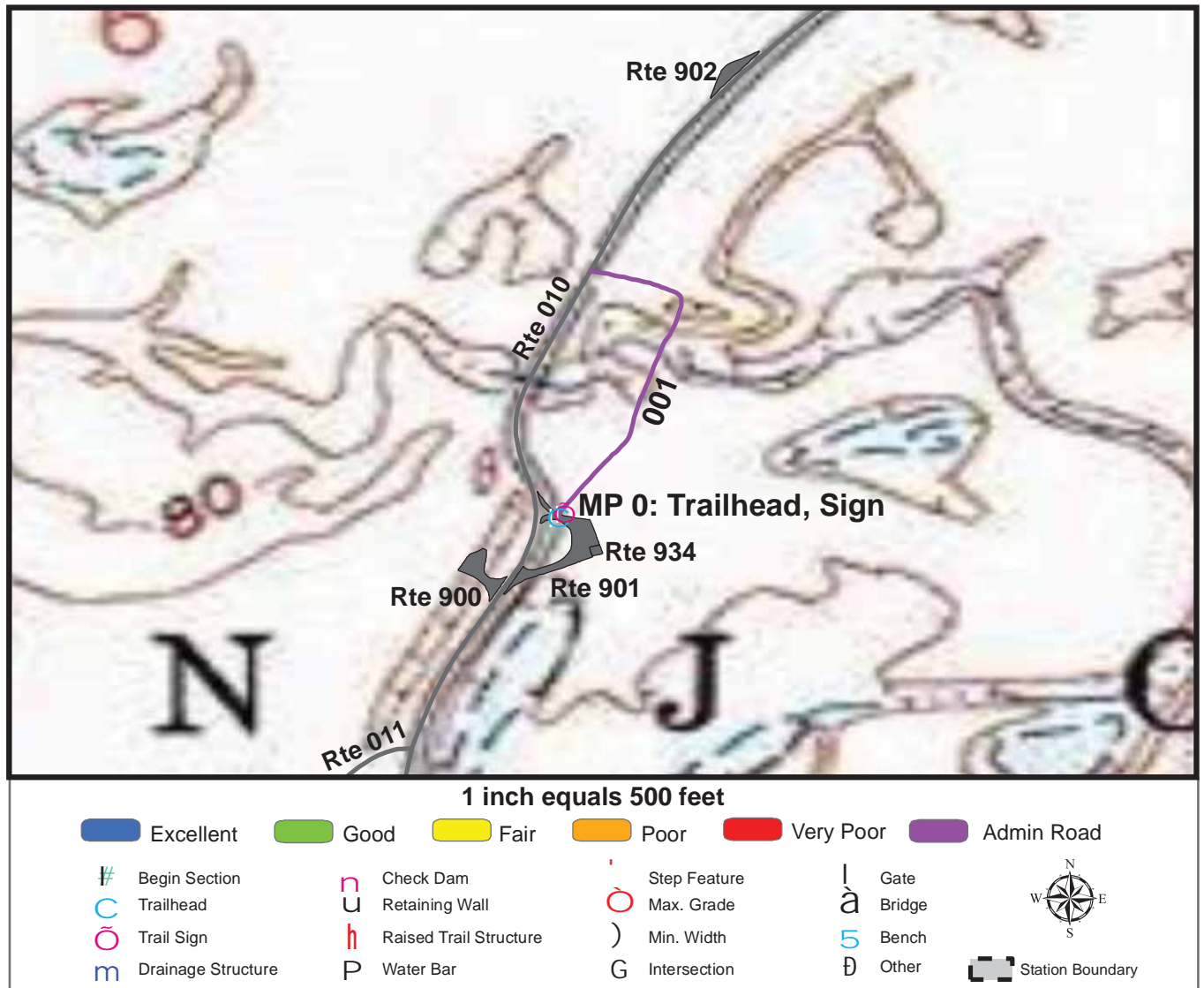
**TOTAL LENGTH:** 6.22 Miles

Section Number	001	002	003		
Section Length (miles)	3.41	2.05	0.76		
SAMMS Number	N/A	N/A	N/A		
Rating Date	7/12/2007	7/12/2007	7/12/2007		
<b>Trail Section Information</b>					
Trail Class	TC3	TC3	TC3		
Surface Type	Admin Road	Admin Road	Admin Road		
Surface Firmness	Firm	Firm	Firm		
Width (inches)	180	180	180		
Average Grade (%)	0.8	0.8	0.8		
Average X-slope (%)	2.4	2.4	2.4		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0		
CRV	\$0	\$0	\$0		
FCI	0	0	0		
Condition	Not Rated	Not Rated	Not Rated		

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# TRAIL CONDITION



**Trail Name:** Visitor Trail

**Refuge Name:** San Luis NWR

**Trail Number:** T302

**Region:** 8

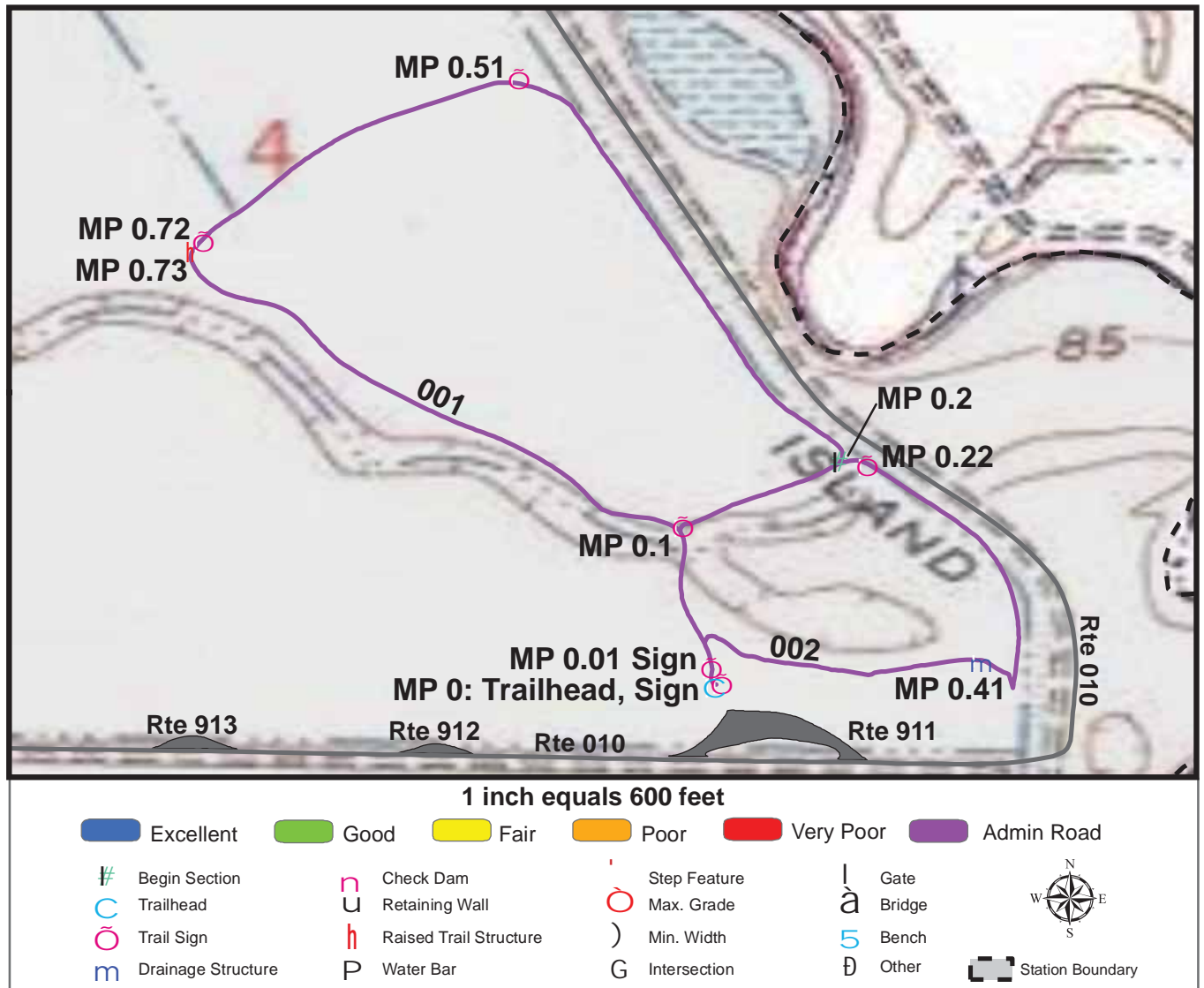
**TOTAL LENGTH:** 0.18 Miles

Section Number	001				
Section Length (miles)	0.18				
SAMMS Number	N/A				
Rating Date	7/12/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Admin Road				
Surface Firmness	Hard				
Width (inches)	144				
Average Grade (%)	3.7				
Average X-slope (%)	2.1				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Not Rated				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# TRAIL CONDITION



**Trail Name:** Sousa Trail

**Refuge Name:** San Luis NWR

**Trail Number:** T303

**Region:** 8

**TOTAL LENGTH:** 1.45 Miles

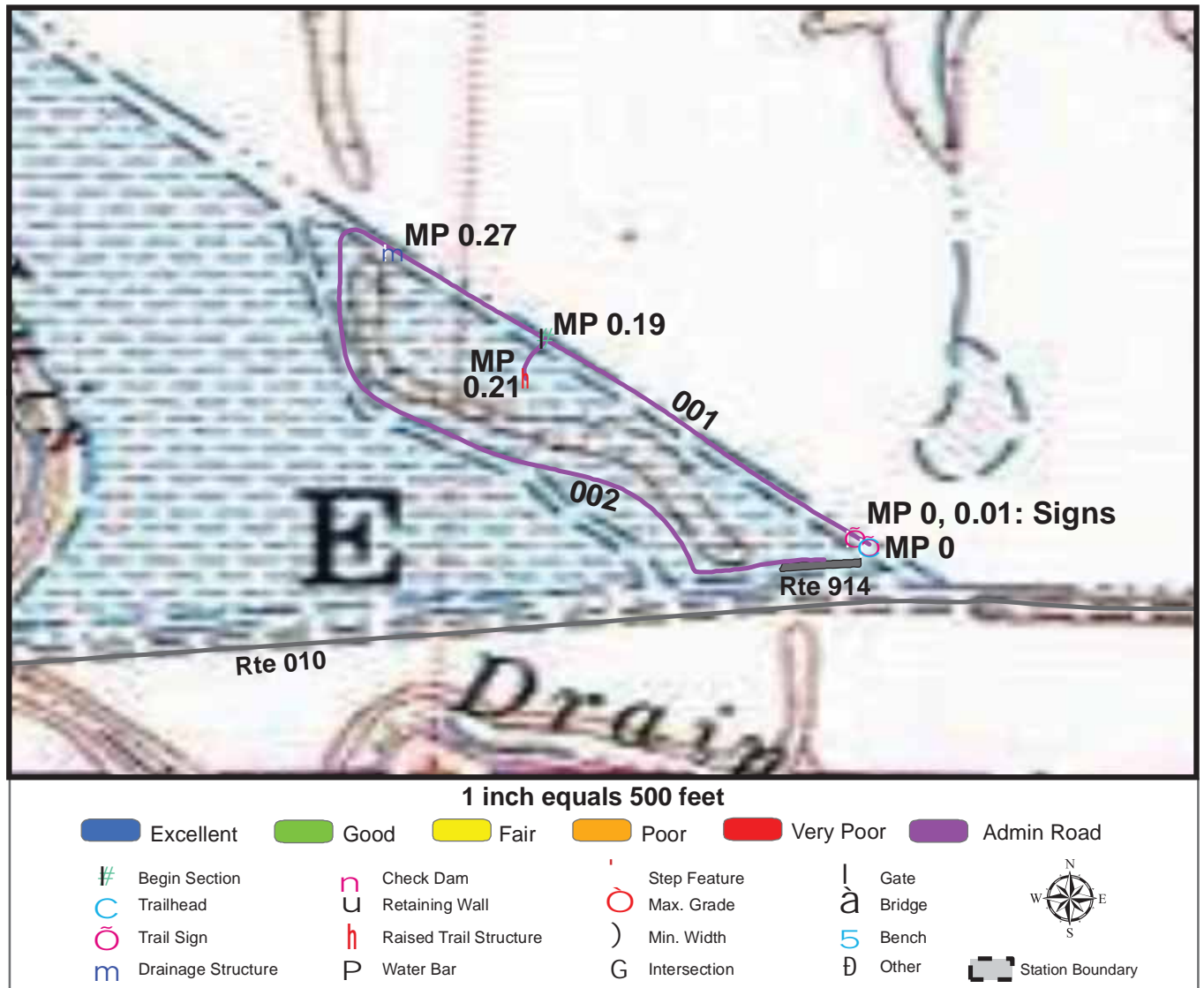
Section Number	001	002			
Section Length (miles)	1.07	0.38			
SAMMS Number	N/A	N/A			
Rating Date	7/12/2007	7/12/2007			
<b>Trail Section Information</b>					
Trail Class	TC3	TC3			
Surface Type	Admin Road	Admin Road			
Surface Firmness	Hard	Hard			
Width (inches)	144	144			
Average Grade (%)	0.7	0.7			
Average X-slope (%)	1.7	1.7			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$0	\$0			
FCI	0	0			
Condition	Not Rated	Not Rated			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated



# TRAIL CONDITION



**Trail Name:** Winton Marsh Trail

**Refuge Name:** San Luis NWR

**Trail Number:** T304

**Region:** 8

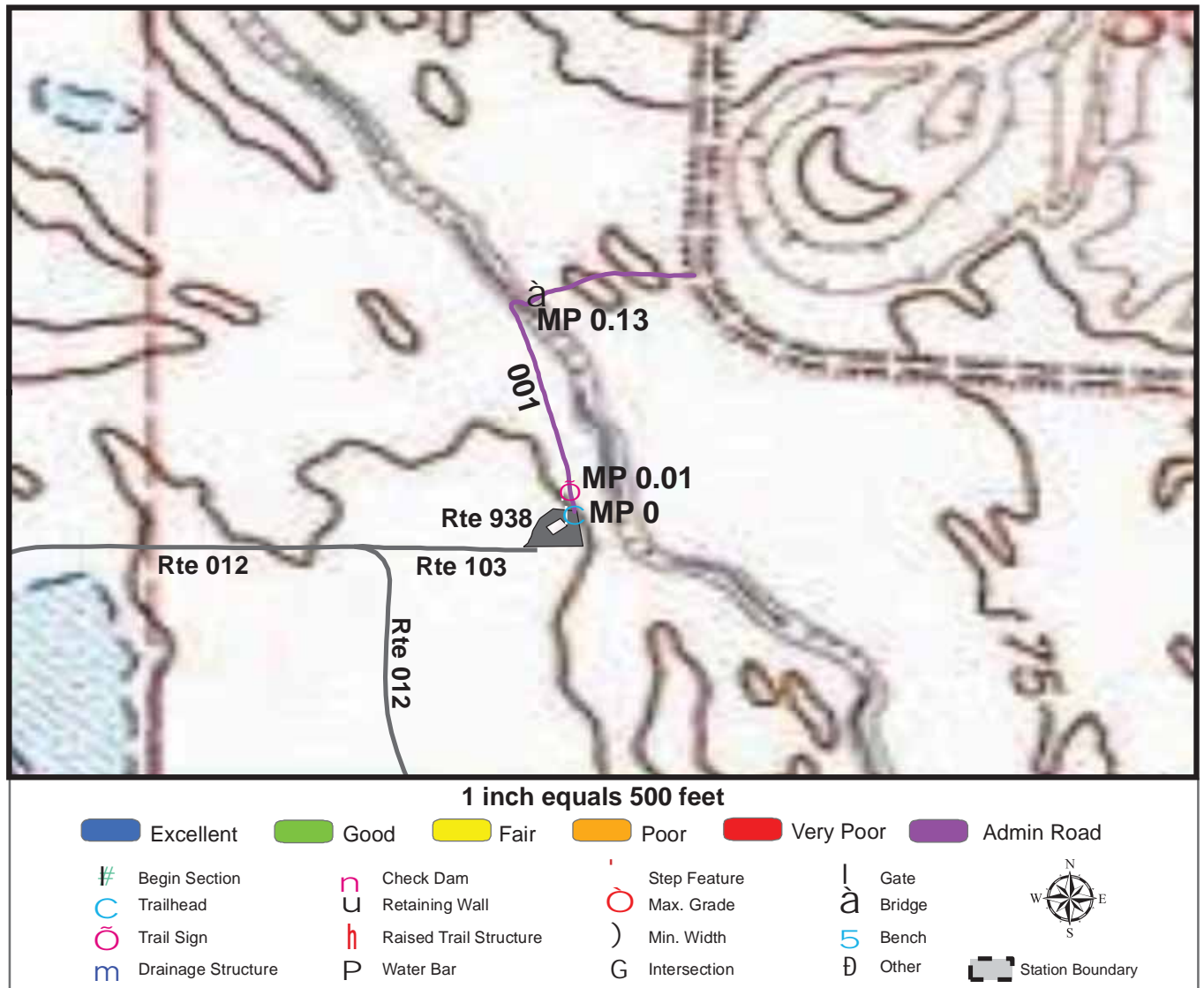
**TOTAL LENGTH:** 0.65 Miles

Section Number	001	002			
Section Length (miles)	0.21	0.44			
SAMMS Number	N/A	N/A			
Rating Date	7/12/2007	7/12/2007			
<b>Trail Section Information</b>					
Trail Class	TC3	TC3			
Surface Type	Admin Road	Admin Road			
Surface Firmness	Hard	Hard			
Width (inches)	144	144			
Average Grade (%)	1	1			
Average X-slope (%)	3.6	3.6			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$0	\$0			
FCI	0	0			
Condition	Not Rated	Not Rated			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# TRAIL CONDITION



**Trail Name:** Romtech Trail

**Refuge Name:** San Luis NWR

**Trail Number:** T305

**Region:** 8

**TOTAL LENGTH:** 0.21 Miles

Section Number	001				
Section Length (miles)	0.21				
SAMMS Number	N/A				
Rating Date	7/12/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Admin Road				
Surface Firmness	Hard				
Width (inches)	120				
Average Grade (%)	0.7				
Average X-slope (%)	3.6				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Not Rated				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: San Luis NWR

DATE: 7/11/2007



Photo # 1 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 14 - MP 0.01 - Sign (Grouped)



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: San Luis NWR

DATE: 7/11/2007



Photo # 2 - MP 0.13 - Sign (Grouped)

TRAIL NUMBER: **T300**

STATION: San Luis NWR

DATE: 7/11/2007



Photo # 3 - MP 0.51 - Begin Section 002

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**  
STATION: San Luis NWR  
DATE: 7/11/2007



Photo # 5 - MP 0.51 - Begin Section 003

TRAIL NUMBER: **T300**  
STATION: San Luis NWR  
DATE: 7/11/2007



Photo # 4 - MP 0.52 - Signs



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**  
STATION: San Luis NWR  
DATE: 7/12/2007



Photo # 6 - MP 0.0 - Trailhead

TRAIL NUMBER: **T301**  
STATION: San Luis NWR  
DATE: 7/12/2007



Photo # 7 - MP 0.01 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**  
STATION: San Luis NWR  
DATE: 7/12/2007



Photo # 8 - MP 0.04 - Sign

TRAIL NUMBER: **T301**  
STATION: San Luis NWR  
DATE: 7/12/2007



Photo # 9 - MP 0.26 - Begin Section 002

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**  
STATION: San Luis NWR  
DATE: 7/12/2007



Photo # 11 - MP 0.84 - Begin Section 003

TRAIL NUMBER: **T302**  
STATION: San Luis NWR  
DATE: 7/12/2007



Photo # 12 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T302**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 13 - MP 0.0 - Sign

TRAIL NUMBER: **T303**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 16 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T303**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 15 - MP 0.0 - Sign

TRAIL NUMBER: **T303**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 17 - MP 0.01 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T303**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 19 - MP 0.1 - Sign

TRAIL NUMBER: **T303**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 22 - MP 0.2 - Begin Section 002



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T303**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 23 - MP 0.22 - Sign

TRAIL NUMBER: **T303**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 20 - MP 0.51 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T303**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 21 - MP 0.72 - Sign

TRAIL NUMBER: **T304**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 24 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T304**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 25 - MP 0.0 - Sign (Grouped)

TRAIL NUMBER: **T304**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 26 - MP 0.01 - Sign (Grouped)



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T304**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 27 - MP 0.19 - Begin Section 002

TRAIL NUMBER: **T305**

STATION: San Luis NWR

DATE: 7/12/2007



Photo # 28 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T305**  
STATION: San Luis NWR  
DATE: 7/12/2007



Photo # 29 - MP 0.01 - Signs

TRAIL NUMBER: **T305**  
STATION: San Luis NWR  
DATE: 7/12/2007



Photo # 30 - MP 0.13 - Bridge

# **The Trail Inventory of San Pablo Bay National Wildlife Refuge Petulma, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
July 2007**





# San Pablo Bay NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%	5.00	100%	5.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	5.00	100%	5.00

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3		0%		0%		0%		0%		0%	5.00	100%	5.00
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	5.00	100%	5.00

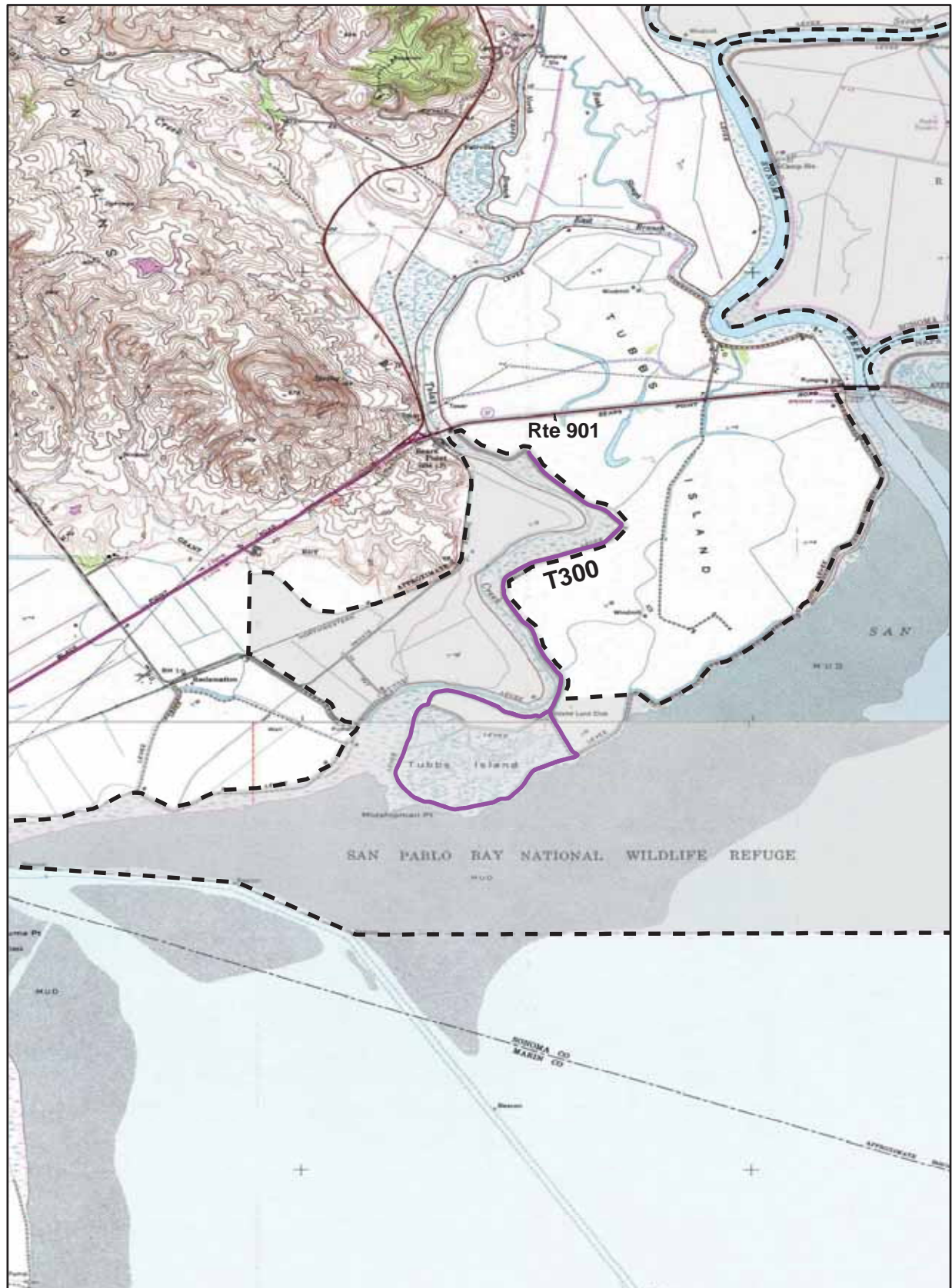
\* Admin Roads are included in the inventory but are not rated for condition.

## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	1	No	0.00	2
T300	Bench	2	No	2.27	N/A
T300	Sign	2	No	2.27	3
T300	Sign	1	No	2.31	5
T300	Water Control Struc	1	No	2.78	N/A
T300	Water Control Struc	1	No	3.33	N/A
T300	Water Control Struc	1	No	3.75	N/A
T300	Water Control Struc	1	No	4.92	N/A
T300	Culvert -lf	33	No	4.97	N/A
T300	Sign	1	No	4.99	10
<b>sf-square feet</b> <b>lf-linear feet</b> <b>cf-cubic feet</b>					



# SAN PABLO BAY NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



Station Boundary



HQ/VC

0 1 2 Miles

## TRAILS ID

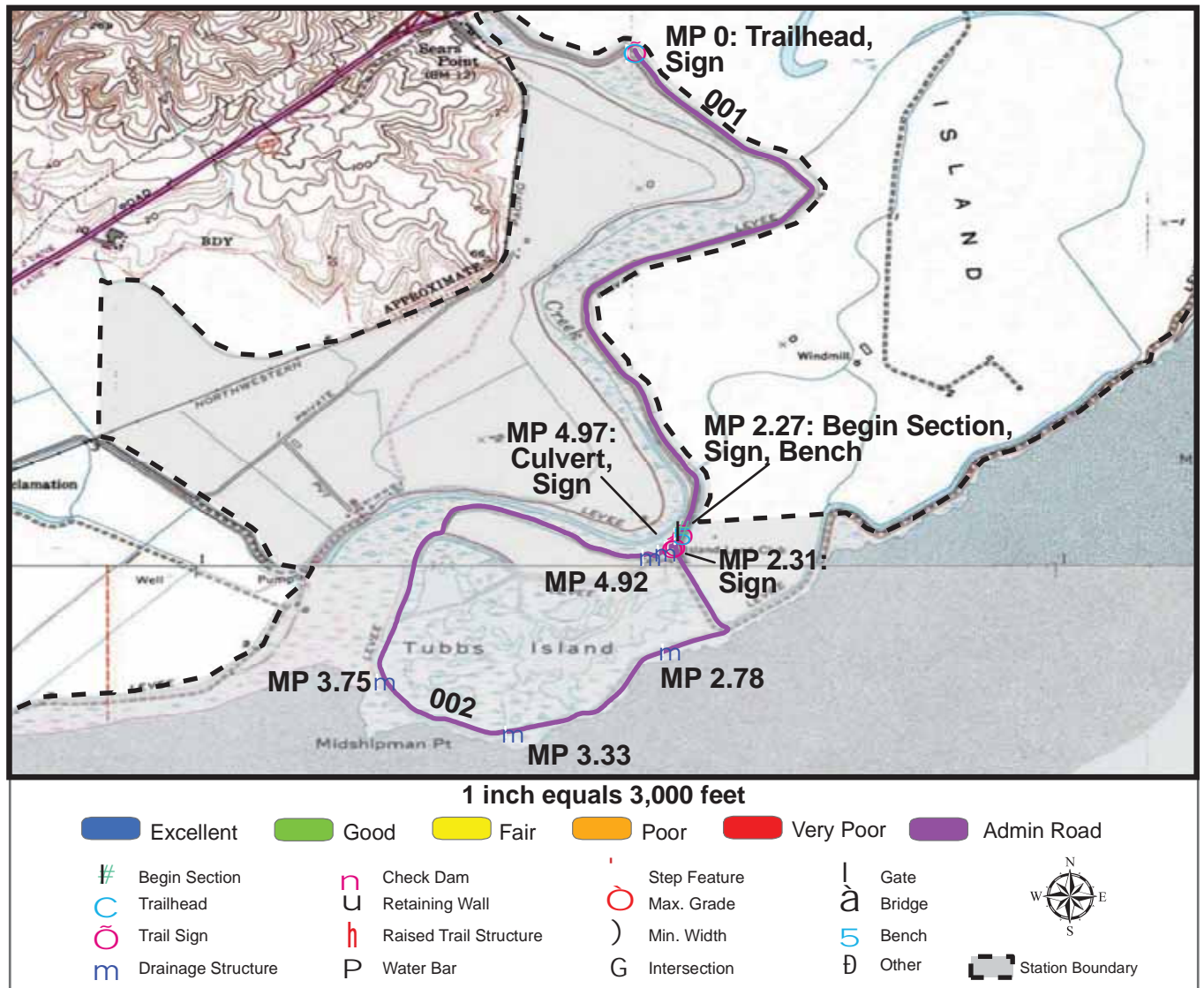
**Station Name: San Pablo Bay NWR**

**Org. Code: 81644**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Lower Tubbs Trail	Admin Road	10000765	5.0	From State Highway 37, 0.1 miles east of Sears Point to end of loop.



# TRAIL CONDITION



**Trail Name:** Lower Tubbs Trail

**Refuge Name:** San Pablo Bay NWR

**Trail Number:** T300

**Region:** 1

**TOTAL LENGTH:** 5 Miles

Section Number	001	002			
Section Length (miles)	2.27	2.73			
SAMMS Number	10000765	10000765			
Rating Date	7/11/2007	7/11/2007			
<b>Trail Section Information</b>					
Trail Class	TC3	TC3			
Surface Type	Admin Road	Admin Road			
Surface Firmness	Hard	Hard			
Width (inches)	120	120			
Average Grade (%)	1.2	1.2			
Average X-slope (%)	2.5	2.5			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$0	\$0			
FCI	0	0			
Condition	Not Rated	Not Rated			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: San Pablo Bay NWR

DATE: 7/11/2007



Photo # 1 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300**

STATION: San Pablo Bay NWR

DATE: 7/11/2007



Photo # 2 - MP 0.0 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: San Pablo Bay NWR

DATE: 7/11/2007



Photo # 3 - MP 2.27 - Sign

TRAIL NUMBER: **T300**

STATION: San Pablo Bay NWR

DATE: 7/11/2007



Photo # 4 - MP 2.27 - Begin Section 002

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: San Pablo Bay NWR

DATE: 7/11/2007



Photo # 5 - MP 2.31 - Sign

TRAIL NUMBER: **T300**

STATION: San Pablo Bay NWR

DATE: 7/11/2007



Photo # 10 - MP 4.99 - Sign



# **The Trail Inventory of Seal Beach National Wildlife Refuge Seal Beach, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
January 2007**



# Seal Beach NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native	0.07	21%		0%		0%		0%		0%		0%	0.07
Gravel	0.27	79%		0%		0%		0%		0%		0%	0.27
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.34	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.34

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classificatio n	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3		0%		0%		0%		0%		0%		0%	0.00
TC4	0.28	82%		0%		0%		0%		0%		0%	0.28
TC5	0.06	18%		0%		0%		0%		0%		0%	0.06
Totals	0.34	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.34

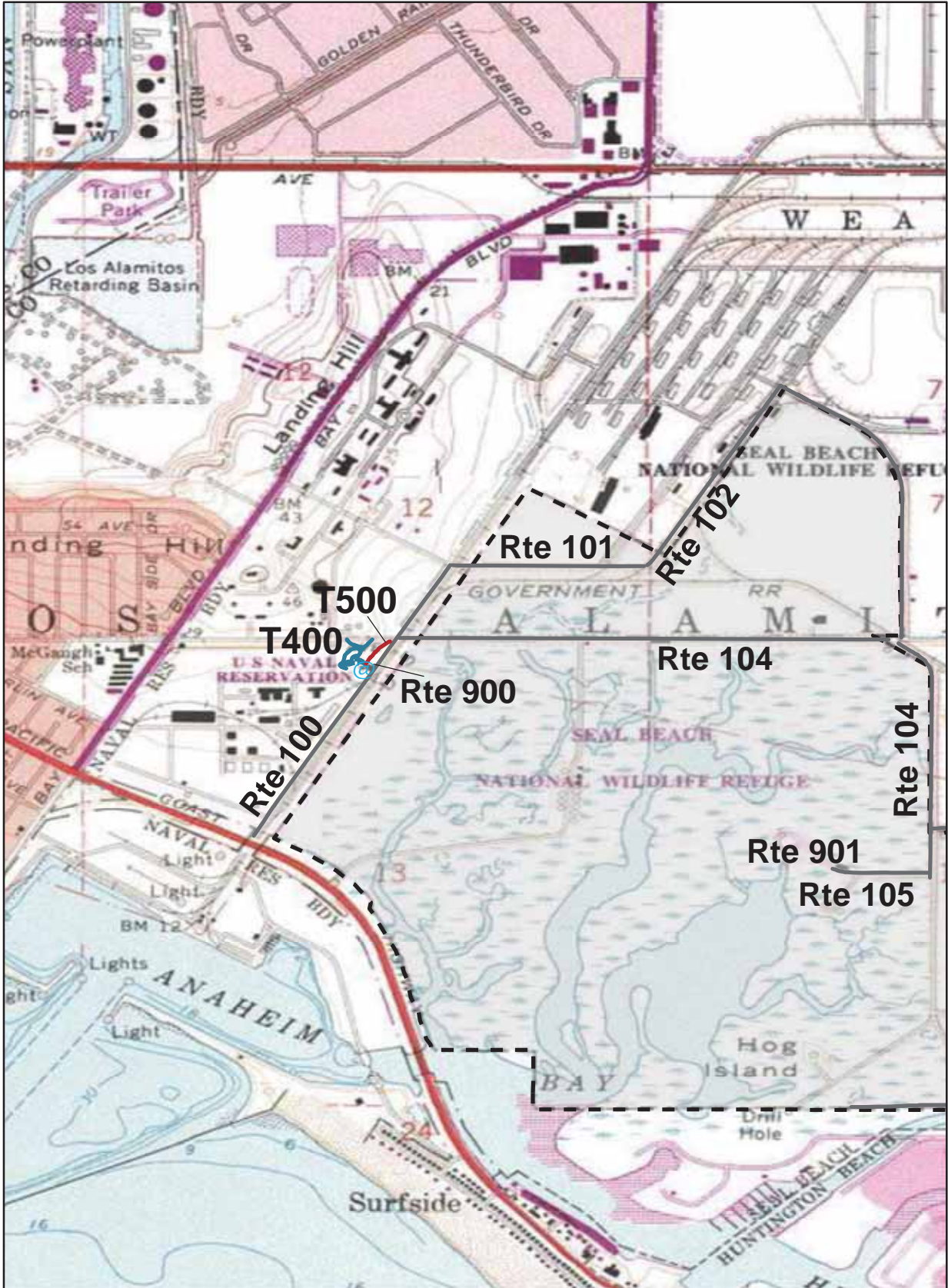
\* Admin Roads are included in the inventory but are not rated for condition.



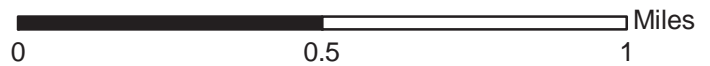
## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Sign	1	No	0.00	1311
T400	Bench	1	No	0.05	N/A
T400	Bench	1	No	0.06	N/A
T400	Bench	1	No	0.08	N/A
T400	Bench	1	No	0.11	N/A
<b>sf-square feet</b> <b>lf-linear feet</b> <b>cf-cubic feet</b>					

# SEAL BEACH NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP

 **Station Boundary**

**@ HQ/VC**





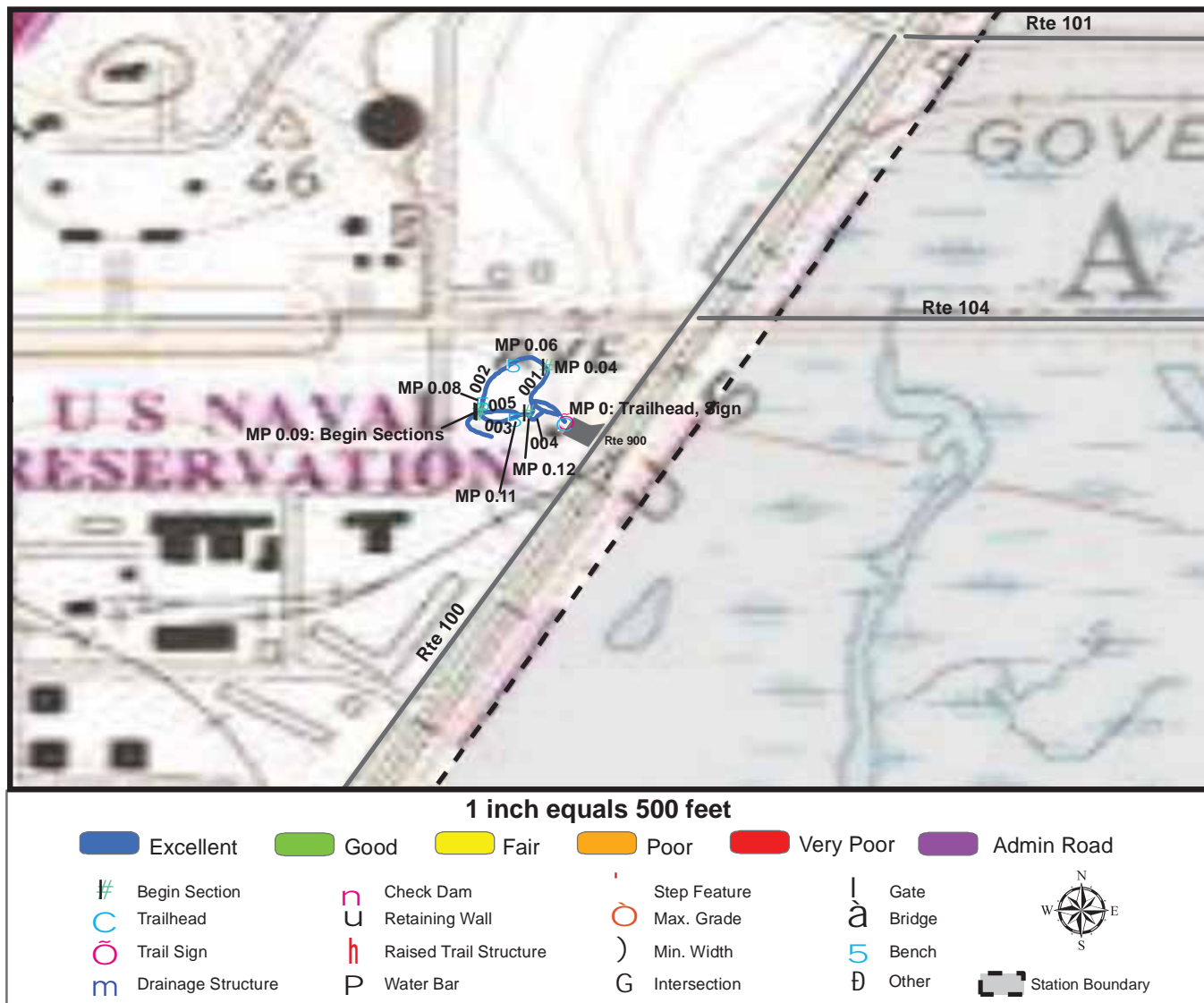
## TRAILS ID

**Station Name: Seal Beach NWR**

**Org. Code: 81683**

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	Native Plant Garden Trail	Native, Gravel	10041532	0.28	From HQ/VC parking (Rte 900) to Bolsa Avenue
T500	Discovery Trail	Gravel	N/A	0.06	From HQ/VC parking (Rte 900) to Bolsa Avenue & Kitts HWY

# TRAIL CONDITION



**Trail Name:** Native Plant Garden Trail

**Refuge Name:** Seal Beach NWR

**Trail Number:** T400

**Region:** 8

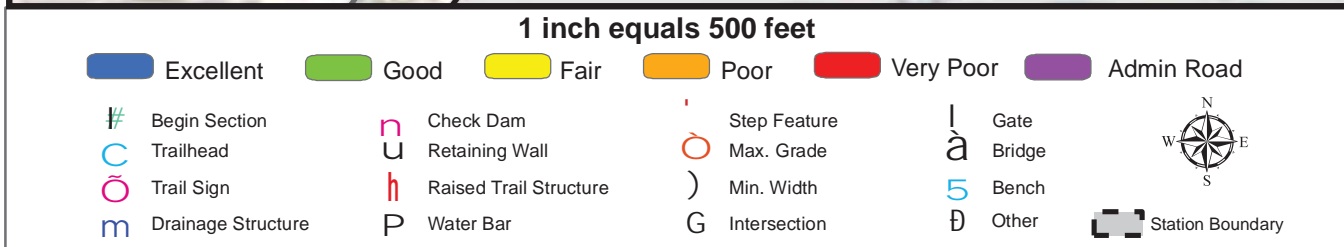
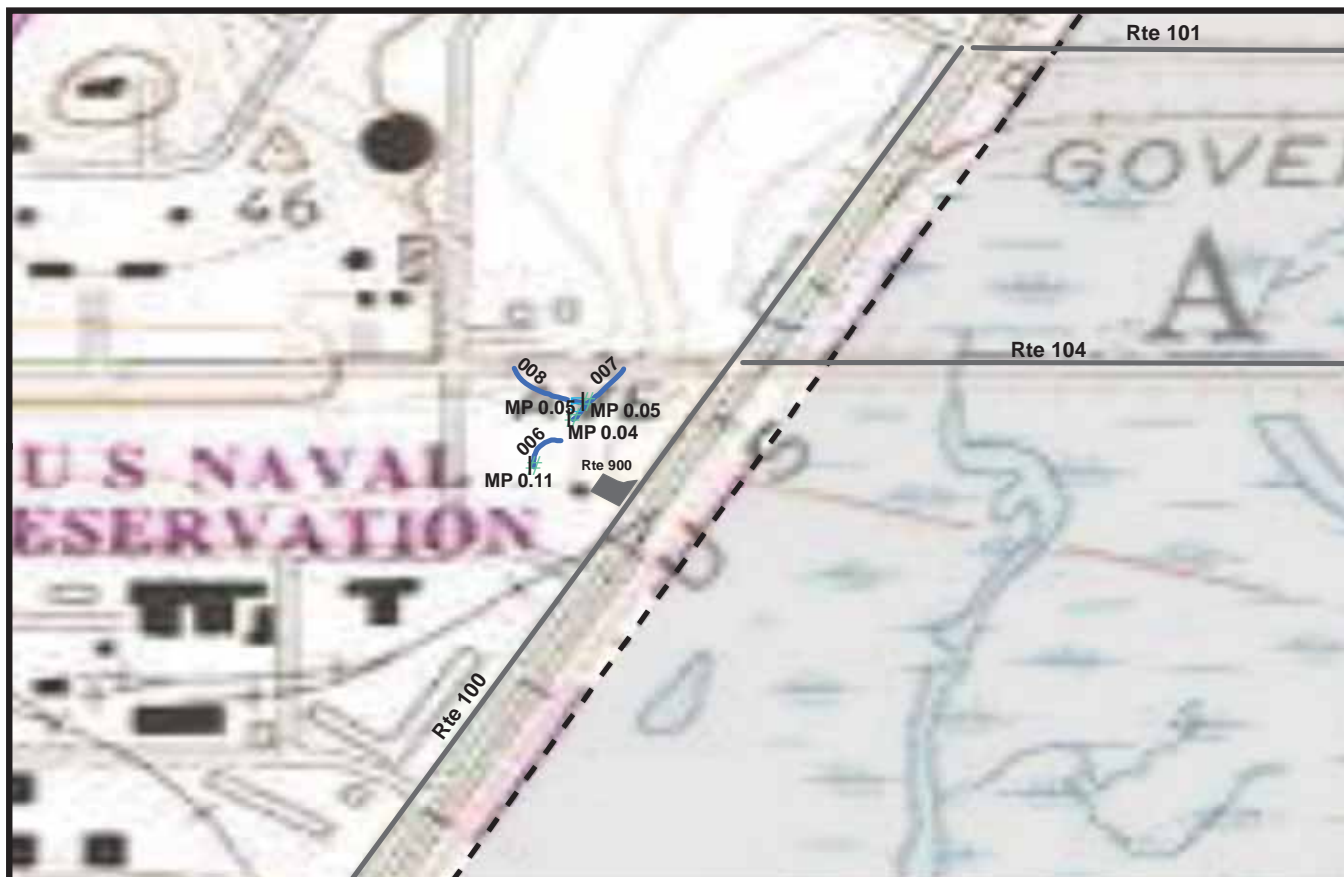
**TOTAL LENGTH:** 0.28 Miles

Section Number	001	002	003	004	005
Section Length (miles)	0.04	0.07	0.05	0.01	0.02
SAMMS Number	10041532	10041532	10041532	10041532	10041532
Rating Date	1/23/2007	1/23/2007	1/23/2007	1/23/2007	1/23/2007
<b>Trail Section Information</b>					
Trail Class	TC4	TC4	TC4	TC4	TC4
Surface Type	Gravel	Native	Gravel	Gravel	Gravel
Surface Firmness	Firm	Firm	Firm	Firm	Firm
Width (inches)	68	75	75	50	96
Average Grade (%)	2	2	2	2	2
Average X-slope (%)	1.5	1.5	1.5	1.5	1.5
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0	\$0	\$0
CRV	\$6419	\$11919	\$8539	\$1121	\$4219
FCI	0	0	0	0	0
Condition	Excellent	Excellent	Excellent	Excellent	Excellent

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$49821	0	Excellent





**Trail Name:** Native Plant Garden Trail

**Refuge Name:** Seal Beach NWR

**Trail Number:** T400

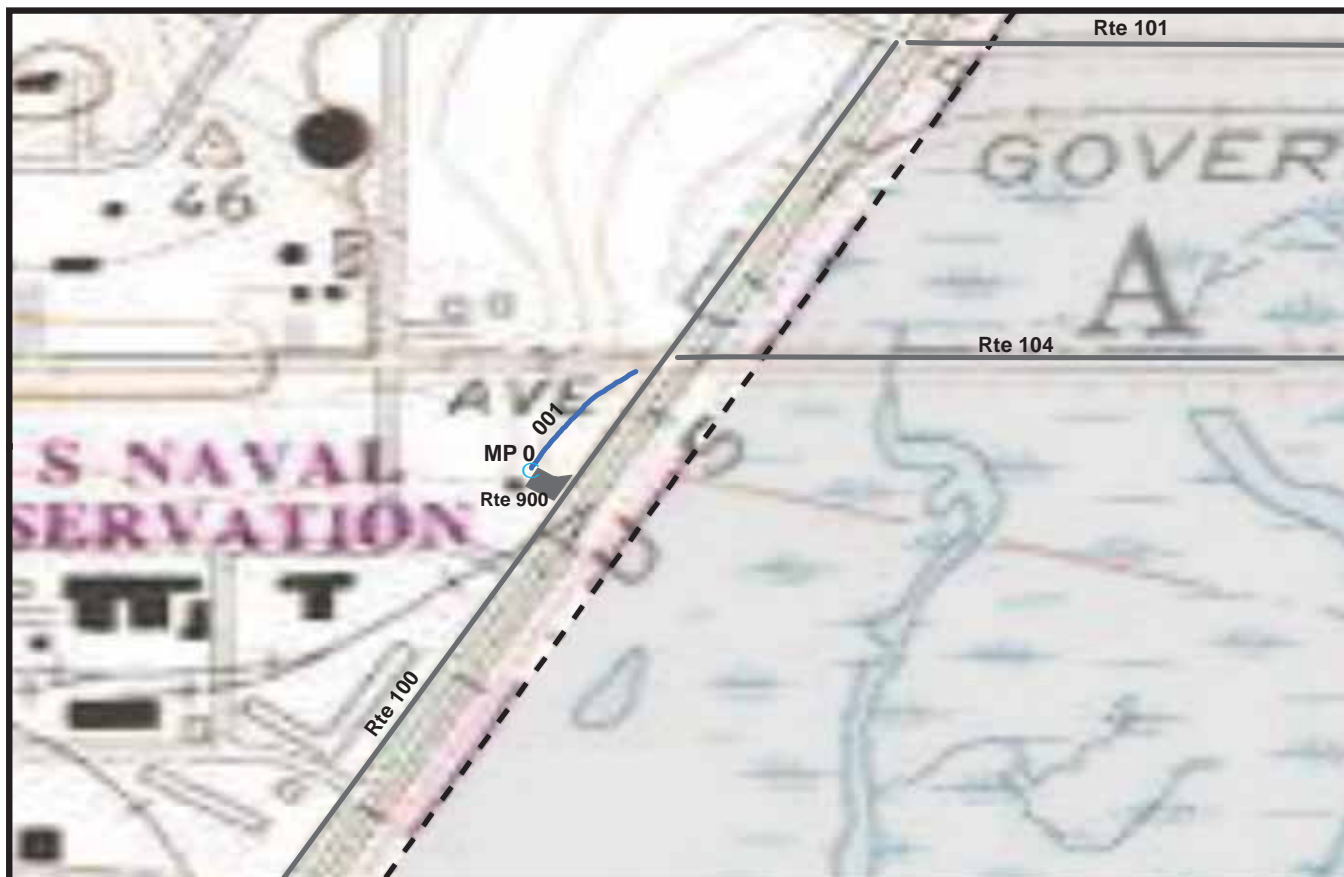
**Region:** 8

**TOTAL LENGTH:** 0.28 Miles

Section Number	006	007	008		
Section Length (miles)	0.02	0.03	0.04		
SAMMS Number	10041532	10041532	10041532		
Rating Date	1/23/2007	1/23/2007	1/23/2007		
<b>Trail Section Information</b>					
Trail Class	TC4	TC4	TC4		
Surface Type	Gravel	Gravel	Gravel		
Surface Firmness	Firm	Firm	Firm		
Width (inches)	88	110	62		
Average Grade (%)	2	2	2		
Average X-slope (%)	1.5	1.5	1.5		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0		
CRV	\$3959	\$8374	\$5271		
FCI	0	0	0		
Condition	Excellent	Excellent	Excellent		

**Trail Condition TOTALS**

Deferred Maintenance	CRV	FCI	Condition
\$0	\$49821	0	Excellent



1 inch equals 500 feet

Excellent

Good

Fair

Poor

Very Poor

Admin Road

# Begin Section

C Trailhead

○ Trail Sign

m Drainage Structure

n Check Dam

u Retaining Wall

h Raised Trail Structure

P Water Bar

' Step Feature

○ Max. Grade

) Min. Width


G Intersection


I Gate

à Bridge

5 Bench

ð Other



 Station Boundary

**Trail Name:** Discovery Trail

**Refuge Name:** Seal Beach NWR

**Trail Number:** T500

**Region:** 8

**TOTAL LENGTH:** 0.06 Miles

Section Number	001				
Section Length (miles)	0.06				
SAMMS Number	N/A				
Rating Date	1/23/2007				
<b>Trail Section Information</b>					
Trail Class	TC5				
Surface Type	Gravel				
Surface Firmness	Firm				
Width (inches)	85				
Average Grade (%)	2.1				
Average X-slope (%)	1.1				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$12891				
FCI	0				
Condition	Excellent				

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$12891	0	Excellent



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Seal Beach NWR

DATE: 1/23/2007



Photo # 1310 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400**

STATION: Seal Beach NWR

DATE: 1/23/2007



Photo # 1311 - MP 0.0 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Seal Beach NWR

DATE: 1/23/2007



Photo # 1312 - MP 0.04 - Begin Section 002

TRAIL NUMBER: **T400**

STATION: Seal Beach NWR

DATE: 1/23/2007



Photo # 1317 - MP 0.04 - Begin Section 007

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Seal Beach NWR

DATE: 1/23/2007



Photo # 1318 - MP 0.05 - Begin Section 008

TRAIL NUMBER: **T400**

STATION: Seal Beach NWR

DATE: 1/23/2007



Photo # 1313 - MP 0.09 - Begin Section 003



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Seal Beach NWR

DATE: 1/23/2007



Photo # 1315 - MP 0.09 - Begin Section 005

TRAIL NUMBER: **T400**

STATION: Seal Beach NWR

DATE: 1/23/2007



Photo # 1316 - MP 0.11 - Begin Section 006

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Seal Beach NWR

DATE: 1/23/2007



Photo # 1319 - MP 0.0 - Trailhead



# **The Trail Inventory of Sonny Bono Salton Sea National Wildlife Refuge Calipatrian, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
January 2007**





# Sonny Bono Salton Sea NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native	0.49	29%		0%		0%		0%		0%		0%	0.49
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%	1.20	71%	1.20
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.49	29%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.20	71%	1.69

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classificatio n	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	0.08	5%		0%		0%		0%		0%		0%	0.08
TC4	0.41	24%		0%		0%		0%		0%	1.20	71%	1.61
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.49	29%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.20	71%	1.69

\* Admin Roads are included in the inventory but are not rated for condition.

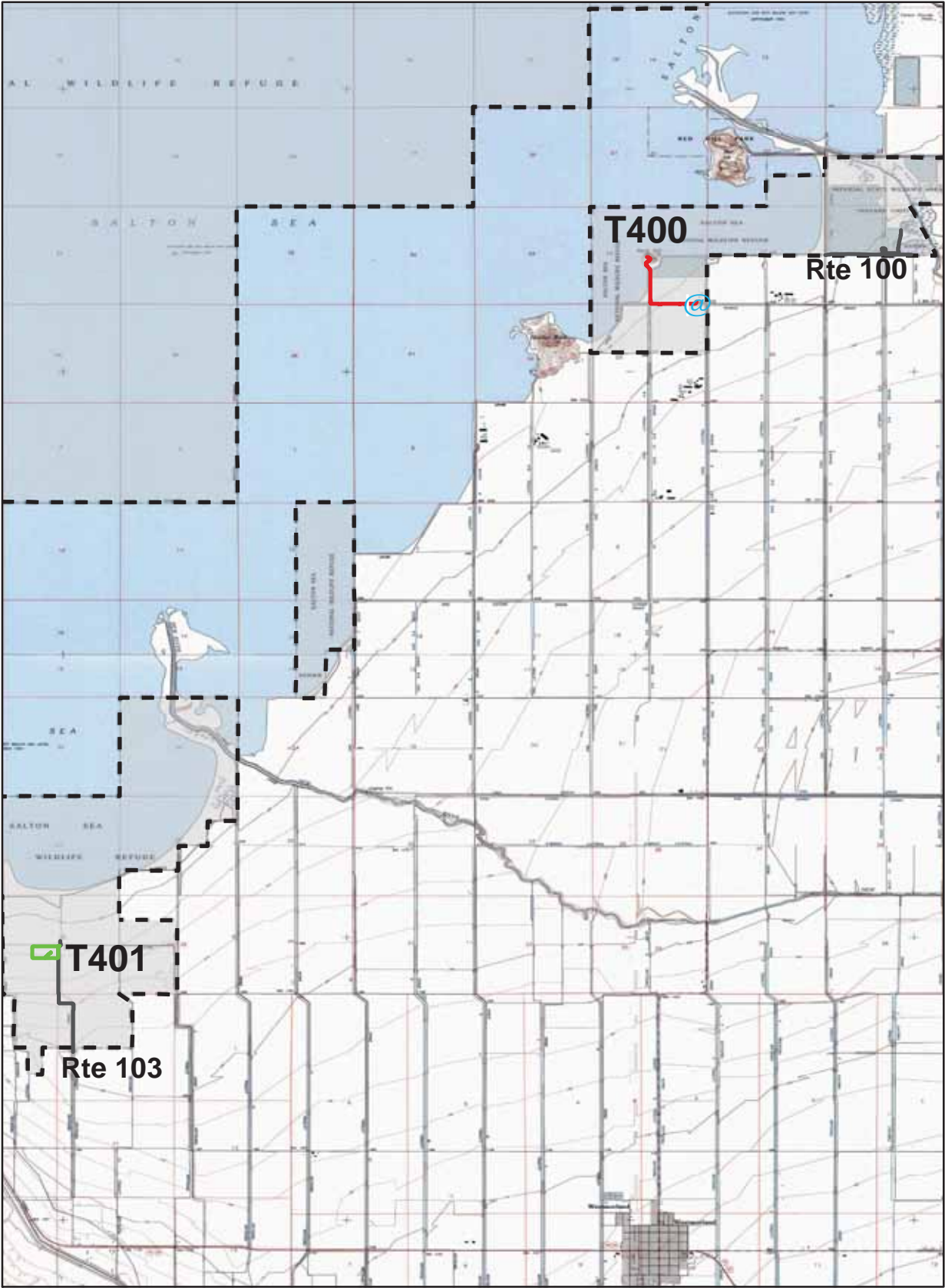
## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Sign	1	No	0.00	1203
T400	Lookout/Ob Deck	1	No	0.00	N/A
T400	Bench	2	No	0.01	N/A
T400	Sign	1	No	0.03	1204
T400	Sign	1	No	0.41	1205
T400	Bench	1	No	0.46	N/A
T400	Bench	1	No	0.70	N/A
T400	Sign	1	No	0.84	1207
T400	Bench	1	No	0.88	N/A
T400	Bench	1	No	0.92	N/A
T401	Sign	7	Yes	N/A	1229
T401	Sign	1	No	0.05	1230
T401	Sign	1	No	0.19	1231
T401	Sign	1	No	0.30	1232
T401	Sign	1	No	0.44	1233
T401	Sign	1	No	0.47	1234
T401	Other	1	No	0.54	N/A
<b>sf-square feet</b> <b>lf-linear feet</b> <b>cf-cubic feet</b>					




# SONNY BONO SALTON SEA NATIONAL WILDLIFE REFUGE

## TRAIL LOCATION MAP



 Station Boundary

 HQ/VC

 Miles  
0 1 2

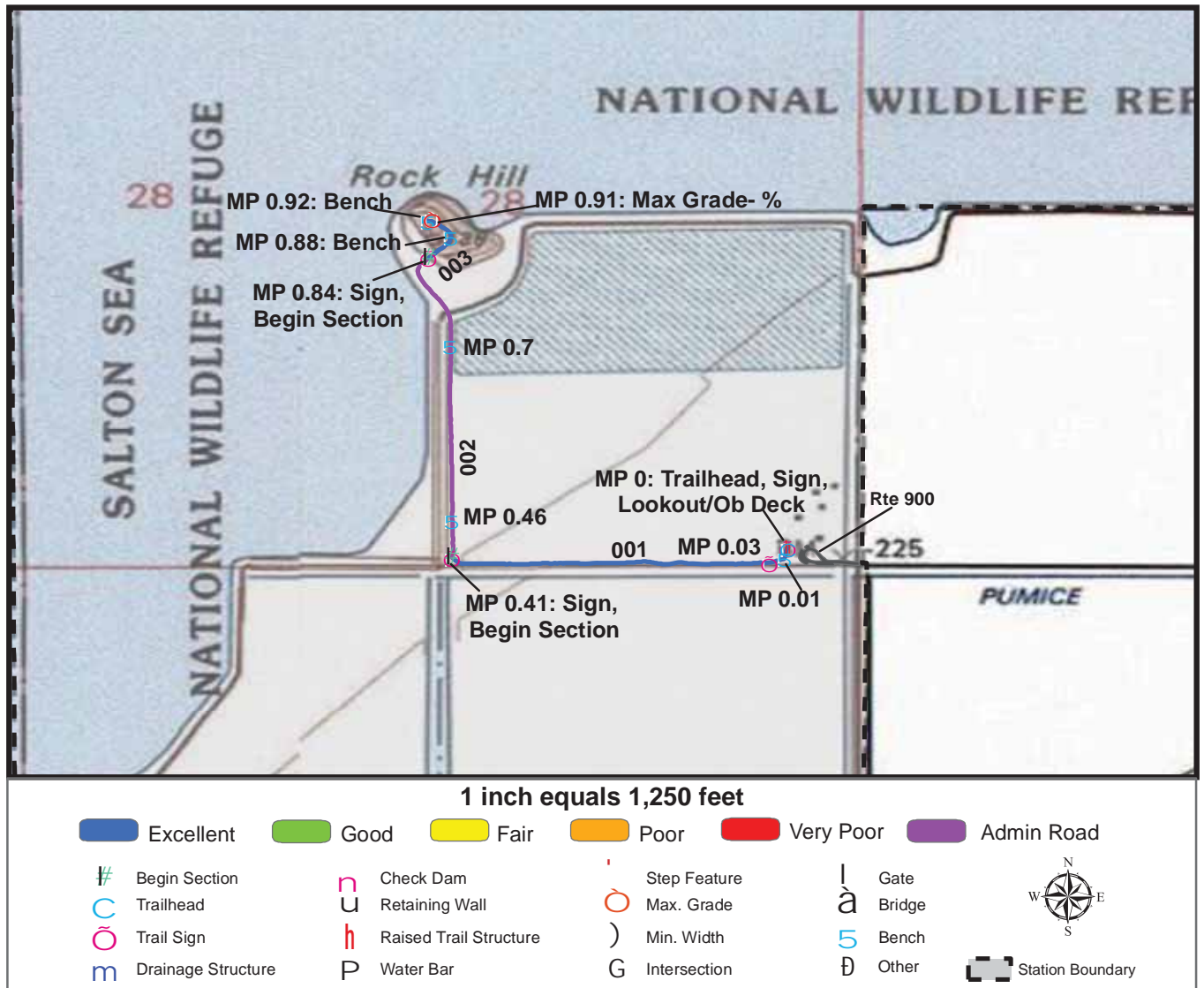
## TRAILS ID

**Station Name: Sonny Bono Salton Sea NWR**

**Org. Code: 81631**

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	Rock Hill Trail	Native, Admin Road	N/A	0.92	From Headquarters/Visitors Center to end of trail
T401	Hardenberger Trail	Admin Road	N/A	0.77	From Vendel Road (Rte 103) to end of trail loop

# TRAIL CONDITION



**Trail Name:** Rock Hill Trail

**Refuge Name:** Sonny Bono Salton Sea NWR

**Trail Number:** T400

**Region:** 8

**TOTAL LENGTH:** 0.92 Miles

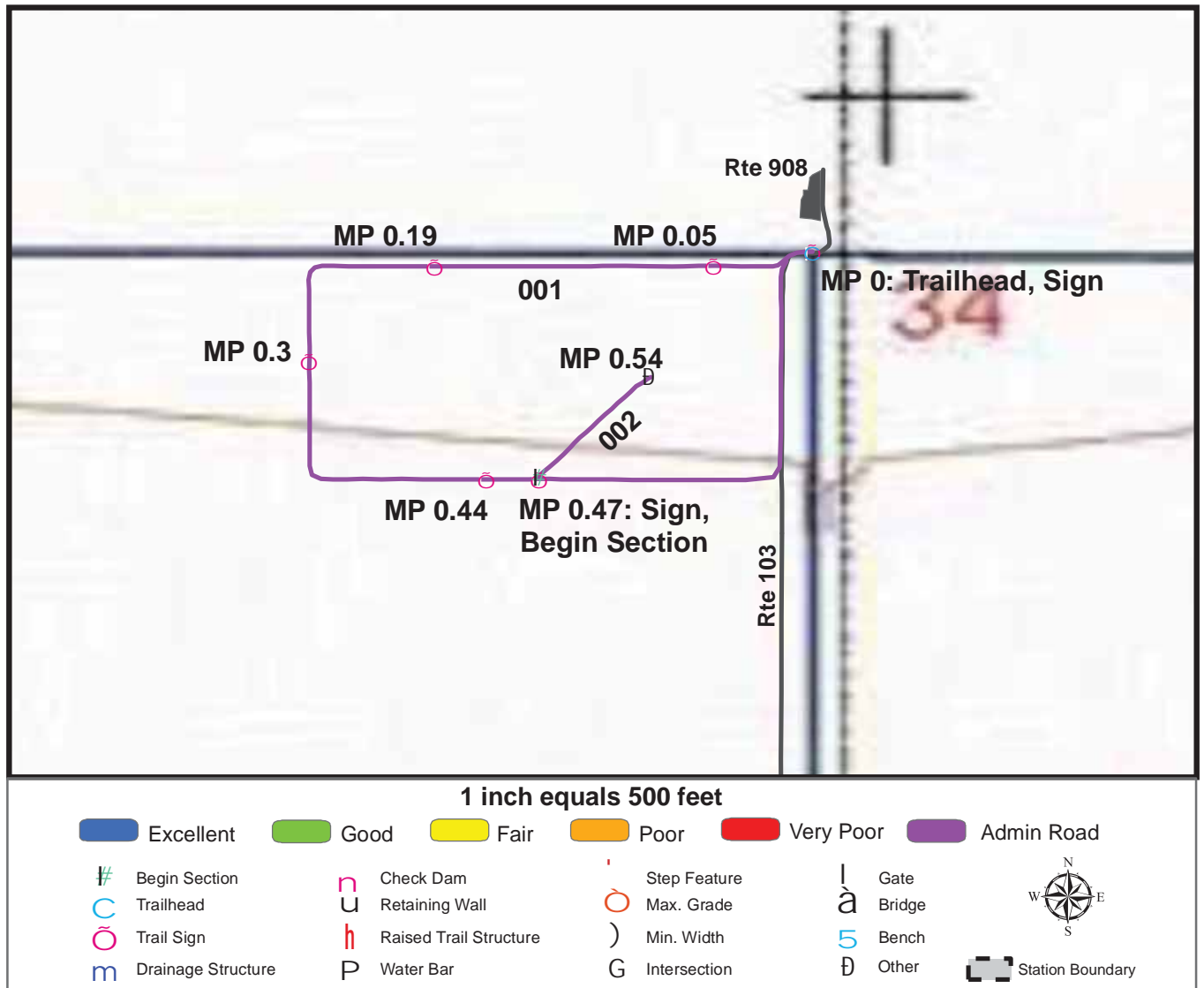
Section Number	001	002	003		
Section Length (miles)	0.41	0.43	0.08		
SAMMS Number	N/A	N/A	N/A		
Rating Date	1/20/2007	1/20/2007	1/20/2007		
<b>Trail Section Information</b>					
Trail Class	TC4	TC4	TC3		
Surface Type	Native	Admin Road	Native		
Surface Firmness	Firm	Firm	Firm		
Width (inches)	144	185	105		
Average Grade (%)	4.3	4.3	4.3		
Average X-slope (%)	2.7	2.7	2.7		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0		
CRV	\$131738	\$0	\$18608		
FCI	0	0	0		
Condition	Excellent	Not Rated	Excellent		

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$150346	0	Excellent



# TRAIL CONDITION



**Trail Name:** Hardenberger Trail

**Refuge Name:** Sonny Bono Salton Sea NWR

**Trail Number:** T401

**Region:** 8

**TOTAL LENGTH:** 0.77 Miles

Section Number	001	002			
Section Length (miles)	0.69	0.08			
SAMMS Number	N/A	N/A			
Rating Date	1/20/2007	1/20/2007			
<b>Trail Section Information</b>					
Trail Class	TC4	TC4			
Surface Type	Admin Road	Admin Road			
Surface Firmness	Firm	Firm			
Width (inches)	120	118			
Average Grade (%)	1.4	1.4			
Average X-slope (%)	0.8	0.8			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$0	\$0			
FCI	0	0			
Condition	Not Rated	Not Rated			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1202 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007

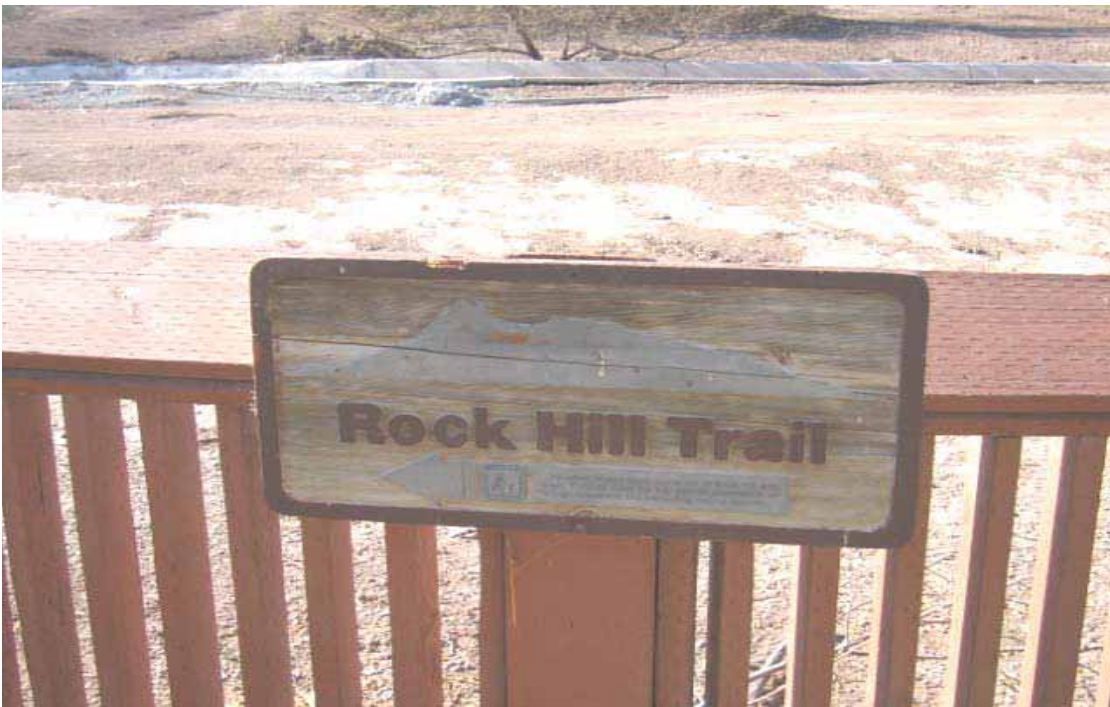


Photo # 1203 - MP 0.0 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1204 - MP 0.03 - Sign

TRAIL NUMBER: **T400**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1205 - MP 0.41 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1206 - MP 0.41 - Begin Section 002

TRAIL NUMBER: **T400**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1207 - MP 0.84 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1208 - MP 0.84 - Begin Section 003

TRAIL NUMBER: **T401**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1228 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T401**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1229 - MP 0.0 - Sign (grouped feature)

TRAIL NUMBER: **T401**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1230 - MP 0.05 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T401**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007

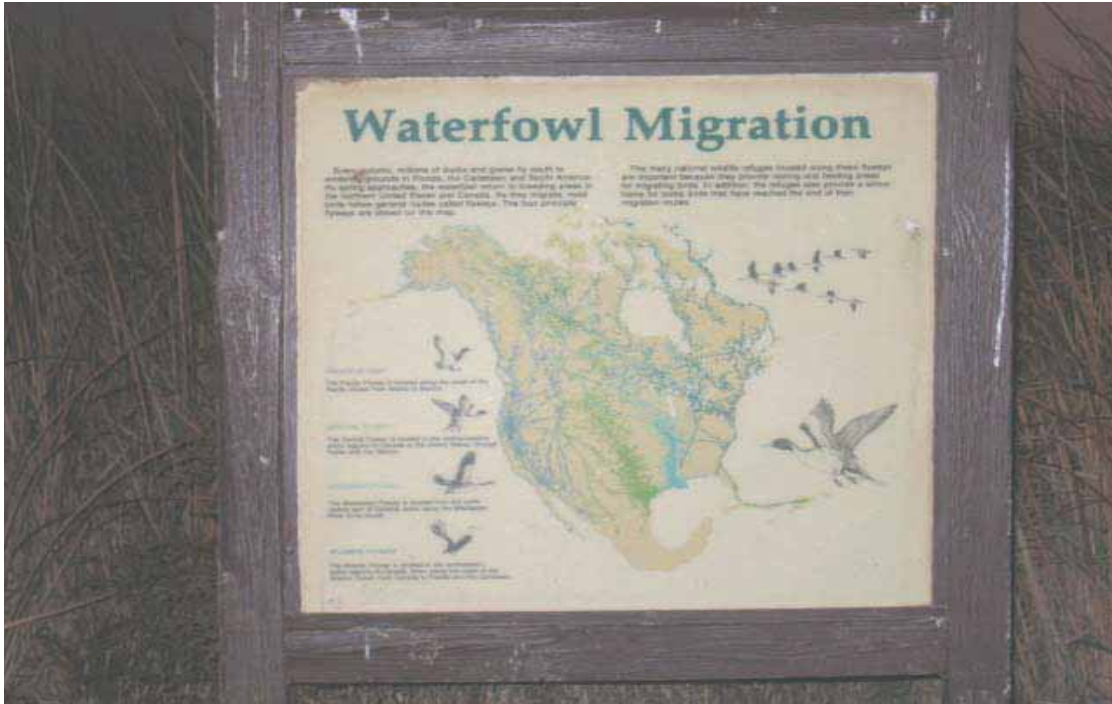


Photo # 1231 - MP 0.19 - Sign

TRAIL NUMBER: **T401**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1232 - MP 0.3 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T401**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1233 - MP 0.44 - Sign

TRAIL NUMBER: **T401**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1234 - MP 0.47 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T401**

STATION: Sonny Bono Salton Sea NWR

DATE: 1/20/2007



Photo # 1237 - MP 0.47 - Begin Section 002



# **The Trail Inventory of Stone Lakes National Wildlife Refuge Elk Grove, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
June 2007**



# Stone Lakes NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk	0.04	9%		0%		0%		0%		0%		0%	0.04
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%	0.40	91%	0.40
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.04	9%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.40	91%	0.44

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3		0%		0%		0%		0%		0%	0.40	91%	0.40
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5	0.04	9%		0%		0%		0%		0%		0%	0.04
Totals	0.04	9%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.40	91%	0.44

\* Admin Roads are included in the inventory but are not rated for condition.

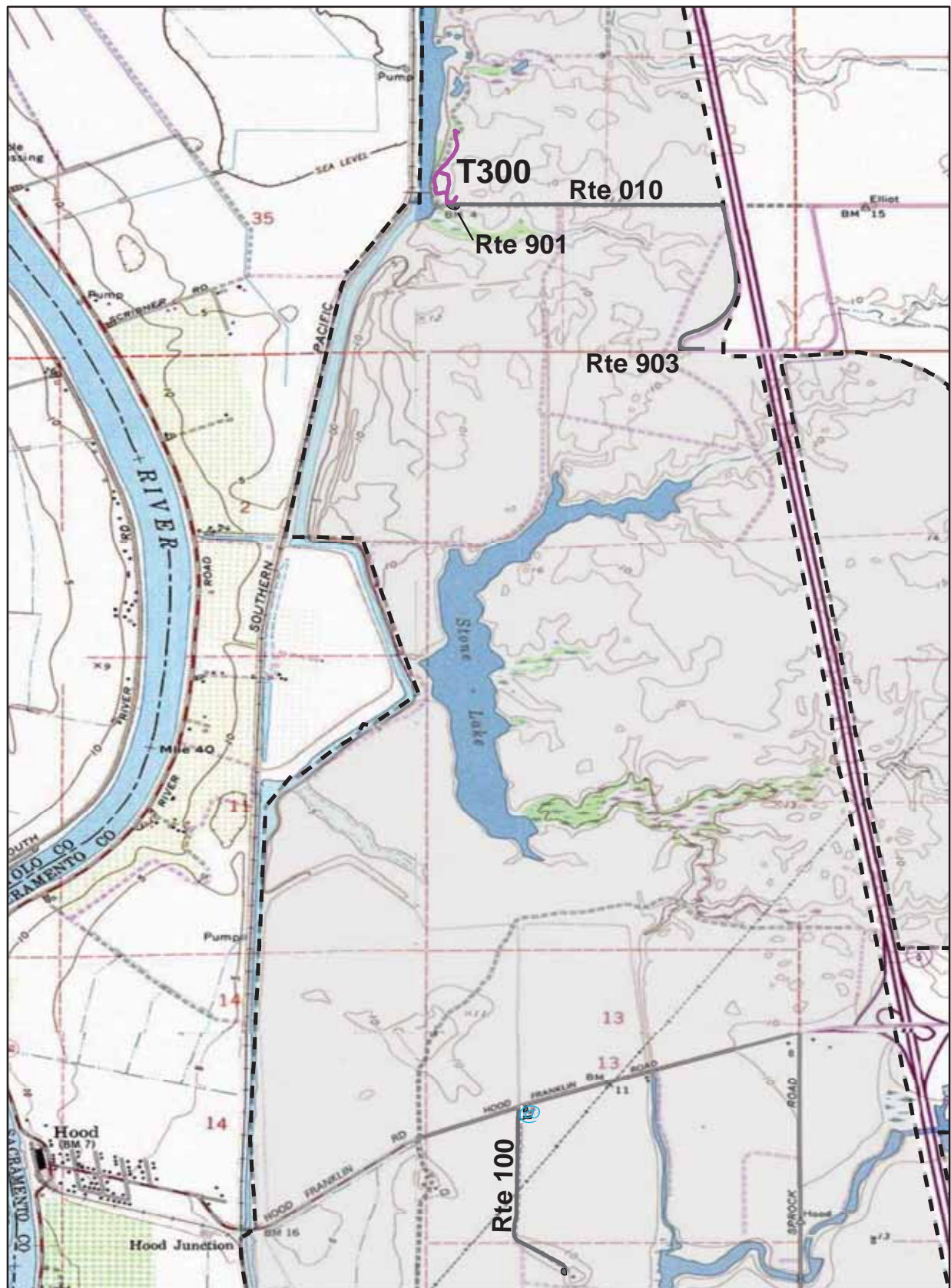
## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	2	No	0.00	2
T300	Bench	1	No	0.03	N/A
T300	Water Control Struc	1	No	0.03	N/A
T300	Sign	1	No	0.04	3
T300	Bench	1	No	0.20	N/A
T300	Sign	1	No	0.28	8
T300	Sign	3	Yes	N/A	6

sf-square feet  
lf-linear feet  
cf-cubic feet



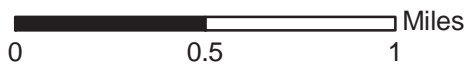
# STONE LAKES NWR TRAIL LOCATION MAP



Station Boundary



HQ/VC



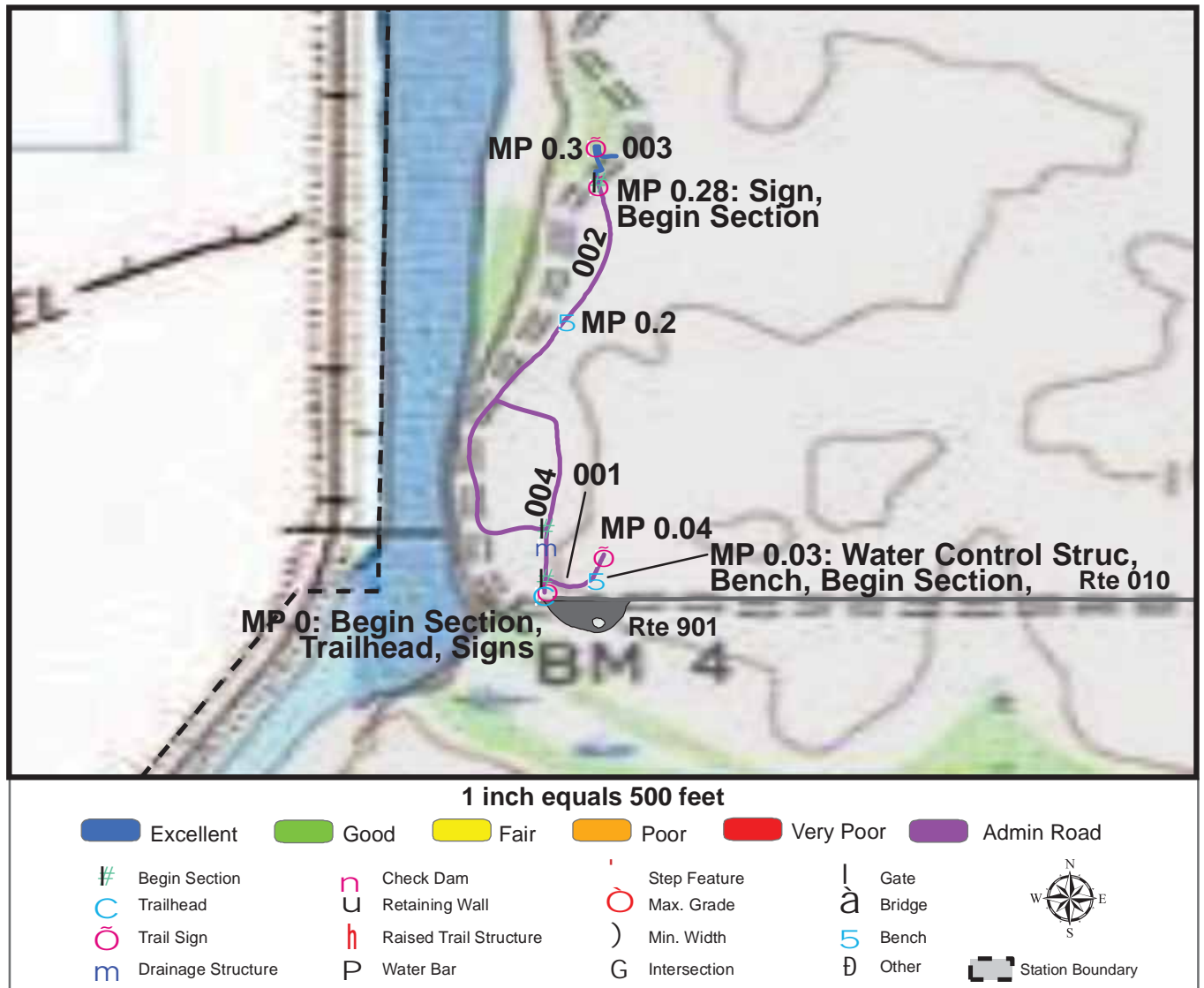
## TRAILS ID

**Station Name: Stone Lakes NWR**

**Org. Code: 81710**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Centennial Wetland Trail	Admin Road, Boardwalk	10001776, 10056147	0.44	From Elliott Ranch View Station Parking (Rte 901) to end of boardwalk

# TRAIL CONDITION



**Trail Name:** Centennial Wetland Trail

**Refuge Name:** Stone Lakes NWR

**Trail Number:** T300

**Region:** 8

**TOTAL LENGTH:** 0.44 Miles

Section Number	001	002	003	004
Section Length (miles)	0.04	0.27	0.04	0.09
SAMMS Number	10001776	10001776	10056147	10001776
Rating Date	6/14/2007	6/14/2007	6/14/2007	6/14/2007
<b>Trail Section Information</b>				
Trail Class	TC3	TC3	TC5	TC3
Surface Type	Admin Road	Admin Road	Boardwalk	Admin Road
Surface Firmness	Firm	Hard	Hard	Hard
Width (inches)	108	96	55	96
Average Grade (%)	2.8	2.8	2.8	2.8
Average X-slope (%)	1.1	1.1	1.1	1.1
<b>Trail Condition Information</b>				
Deferred Maintenance	\$0	\$0	\$0	\$0
CRV	\$0	\$0	\$26584	\$0
FCI	0	0	0	0
Condition	Not Rated	Not Rated	Excellent	Not Rated

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$26584	0	Excellent



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Stone Lakes NWR

DATE: 6/14/2007



Photo # 1 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300**

STATION: Stone Lakes NWR

DATE: 6/14/2007



Photo # 10 - MP 0.0 - Begin Section 002

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Stone Lakes NWR

DATE: 6/14/2007



Photo # 2 - MP 0.0 - Signs

TRAIL NUMBER: **T300**

STATION: Stone Lakes NWR

DATE: 6/14/2007



Photo # 9 - MP 0.03 - Begin Section 004



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Stone Lakes NWR

DATE: 6/14/2007



Photo # 3 - MP 0.04 - Sign

TRAIL NUMBER: **T300**

STATION: Stone Lakes NWR

DATE: 6/14/2007



Photo # 5 - MP 0.28 - Begin Section 003



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Stone Lakes NWR

DATE: 6/14/2007



Photo # 8 - MP 0.28 - Sign

TRAIL NUMBER: **T300**

STATION: Stone Lakes NWR

DATE: 6/14/2007

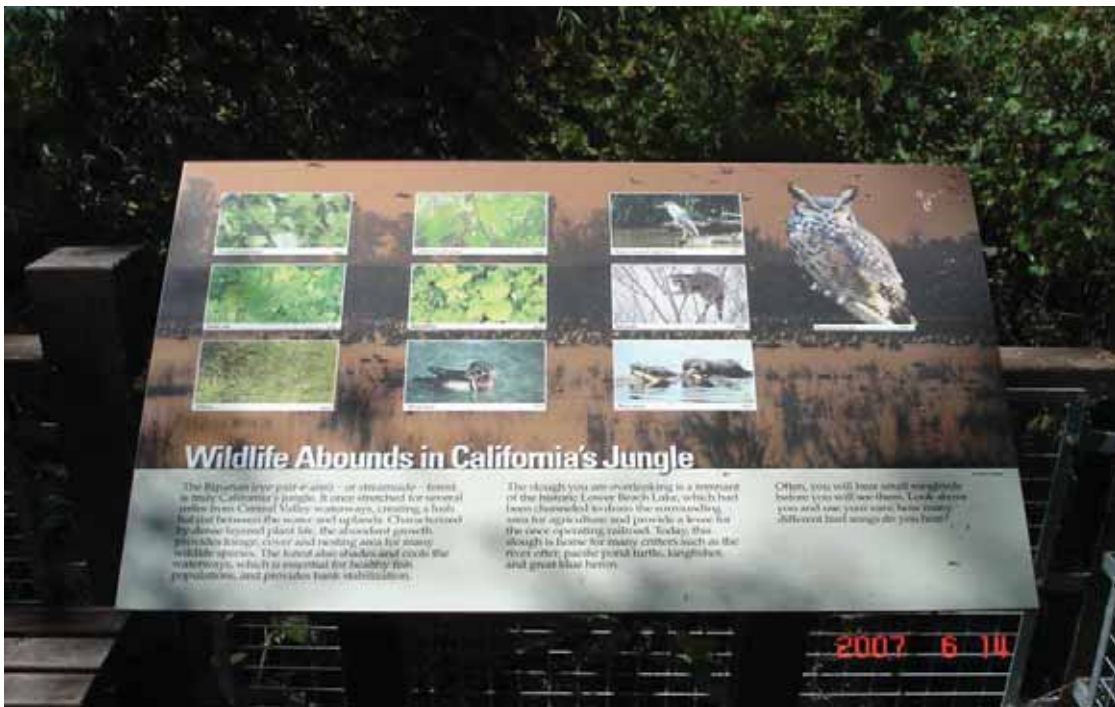


Photo # 6 - MP 0.3 - Sign (Grouped)

# **The Trail Inventory of Sweetwater Marsh National Wildlife Refuge Chula Vista, California**



**Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
January 2007**



# Sweetwater Marsh NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native	0.59	91%		0%		0%		0%		0%		0%	0.59
Gravel	0.05	8%		0%		0%		0%		0%		0%	0.05
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%	0.01	2%		0%		0%	0.01
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.64	98%	0.00	0%	0.00	0%	0.01	2%	0.00	0%	0.00	0%	0.65

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3		0%		0%		0%		0%		0%		0%	0.00
TC4	0.64	98%		0%		0%		0%		0%		0%	0.64
TC5		0%		0%		0%	0.01	2%		0%		0%	0.01
Totals	0.64	98%	0.00	0%	0.00	0%	0.01	2%	0.00	0%	0.00	0%	0.65

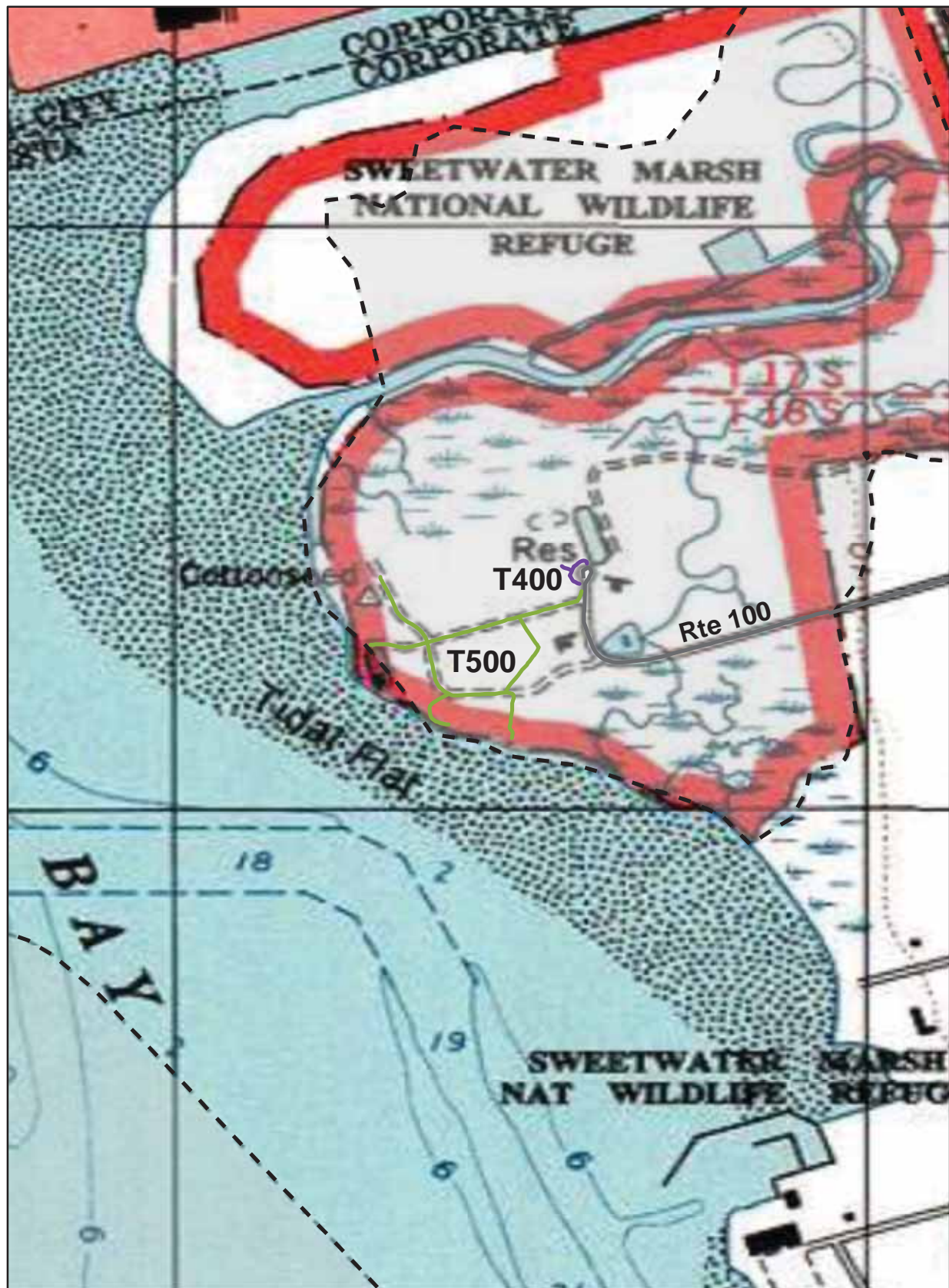
\* Admin Roads are included in the inventory but are not rated for condition.



## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Bench	2	No	0.01	N/A
T400	Sign	1	No	0.02	2135
T400	Bench	2	No	0.03	N/A
T400	Sign	1	No	0.03	2138
T400	Sign	1	No	0.04	2136
T500	Sign	1	No	0.00	2116
T500	Sign	1	No	0.01	2117
T500	Bench	2	No	0.07	N/A
T500	Sign	1	No	0.07	2124
T500	Sign	1	No	0.15	2121
T500	Culvert -lf	15	No	0.16	N/A
T500	Other	1	No	0.18	2128
T500	Sign	1	No	0.19	2130
T500	Bench	3	No	0.21	N/A
T500	Lookout/Ob Deck	1	No	0.21	N/A
T500	Sign	1	No	0.21	2122
T500	Sign	1	No	0.21	2123
T500	Sign	1	No	0.21	2127
T500	Bench	2	No	0.27	N/A
T500	Sign	1	No	0.27	2132
T500	Sign	1	No	0.36	2133
T500	Sign	4	Yes	N/A	2120
<b>sf-square feet</b> <b>lf-linear feet</b> <b>cf-cubic feet</b>					

# SWEETWATER MARSH NWR TRAIL LOCATION MAP



Station Boundary



HQ/VC

0 0.25 0.5 Miles

## TRAILS ID

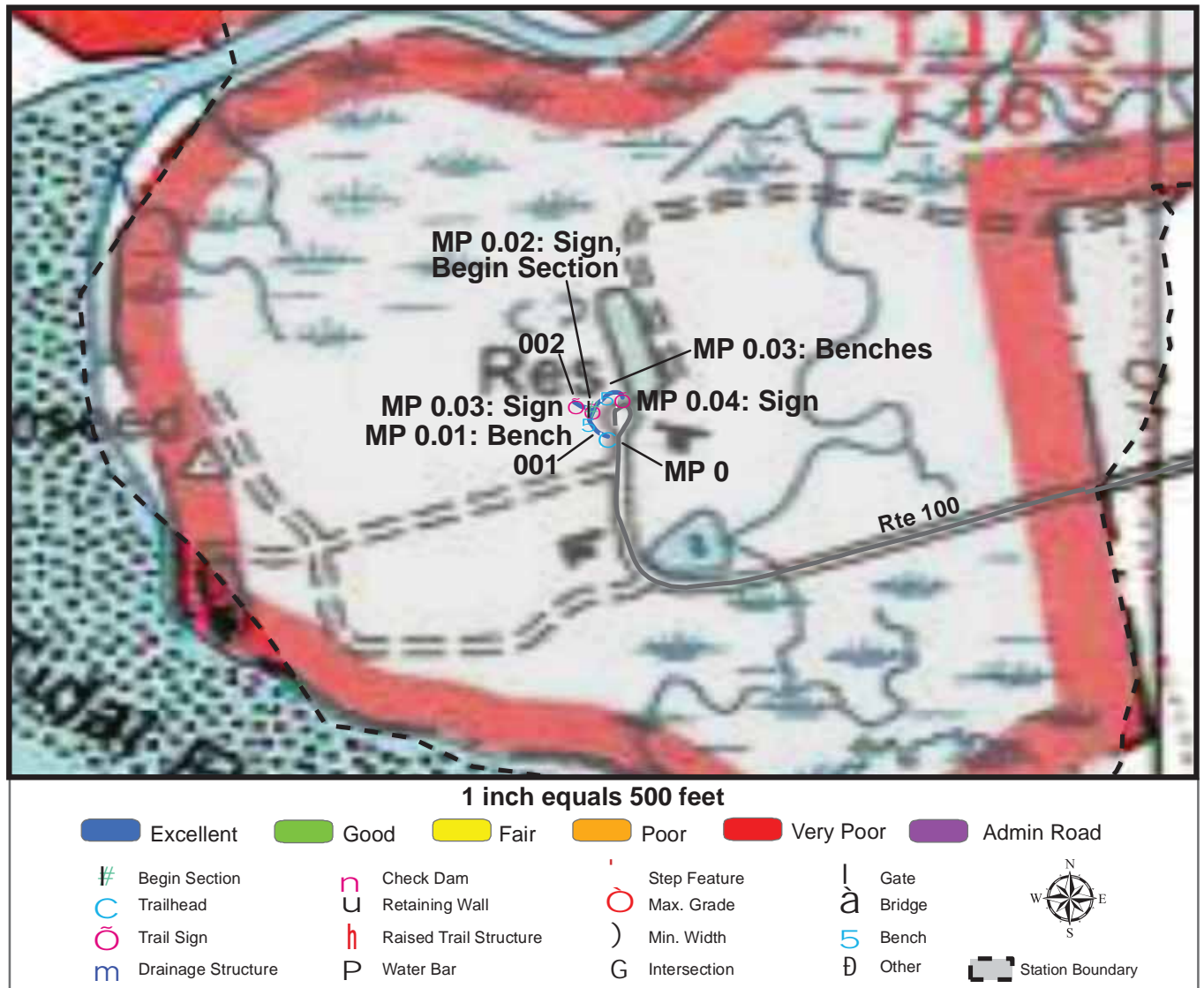
**Station Name: Sweetwater Marsh NWR**

**Org. Code: 81682**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	Butterfly & Hummingbird Garden Trail	Gravel	10001555	0.05	From Gunpowder Point Drive (Rte 100) to end of trail
T500	Gunpowder Point Interpretive Trail	Concrete, Native	10001555	0.60	From Gunpowder Point Drive (Rte 100) to end of loop



# TRAIL CONDITION



**Trail Name:** Butterfly & Hummingbird Garden Trail **Refuge Name:** Sweetwater Marsh NWR

**Trail Number:** T400

**Region:** 8

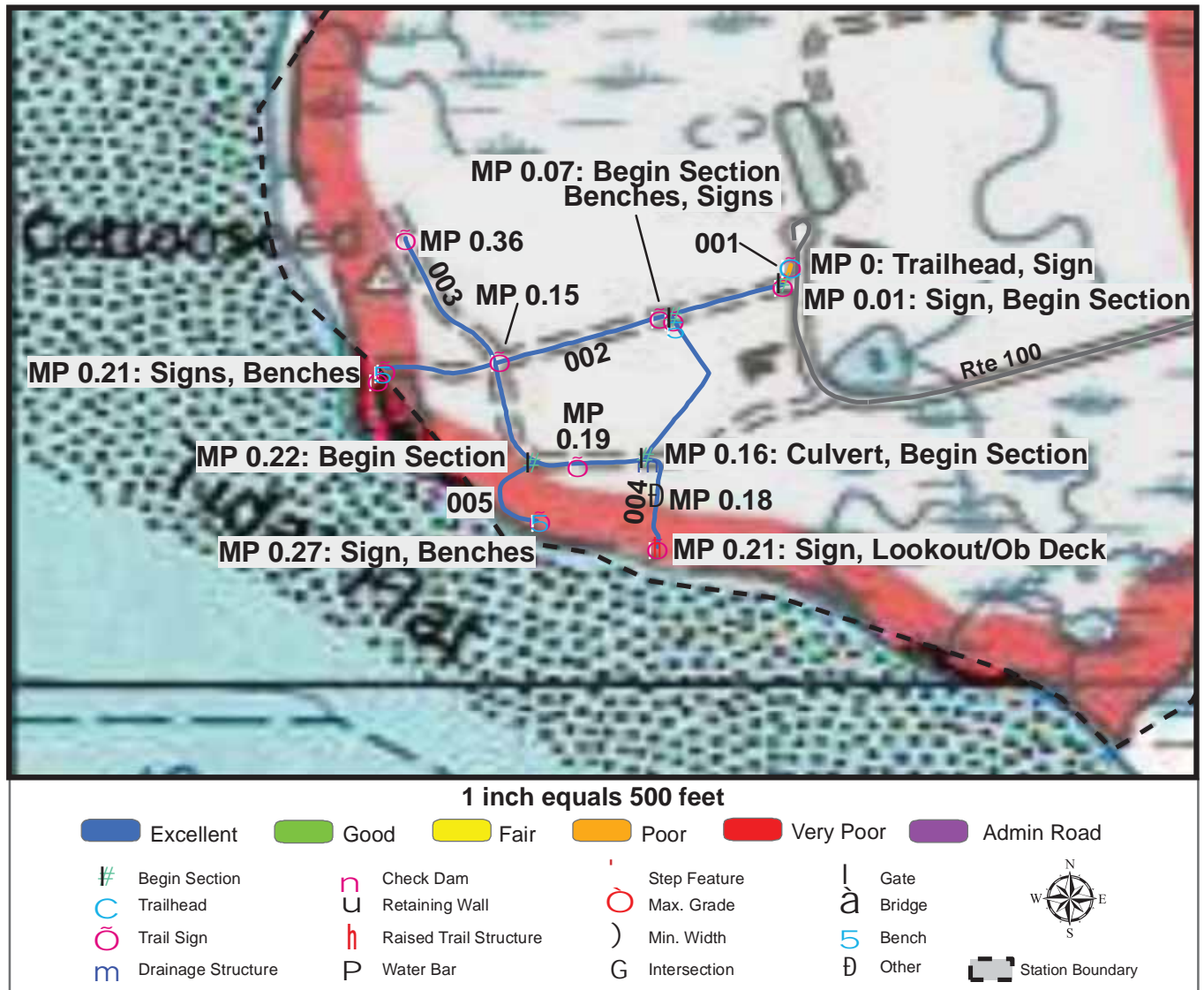
**TOTAL LENGTH:** 0.05 Miles

Section Number	001	002			
Section Length (miles)	0.04	0.01			
SAMMS Number	10001555	10001555			
Rating Date	1/22/2007	1/22/2007			
<b>Trail Section Information</b>					
Trail Class	TC4	TC4			
Surface Type	Gravel	Gravel			
Surface Firmness	Firm	Firm			
Width (inches)	60	60			
Average Grade (%)	4.3	4.3			
Average X-slope (%)	3.5	3.5			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$5468	\$1461			
FCI	0	0			
Condition	Excellent	Excellent			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$6929	0	Excellent

# TRAIL CONDITION



**Trail Name:** Gunpowder Point Interpretive Trail

**Refuge Name:** Sweetwater Marsh NWR

**Trail Number:** T500

**Region:** 8

**TOTAL LENGTH:** 0.6 Miles

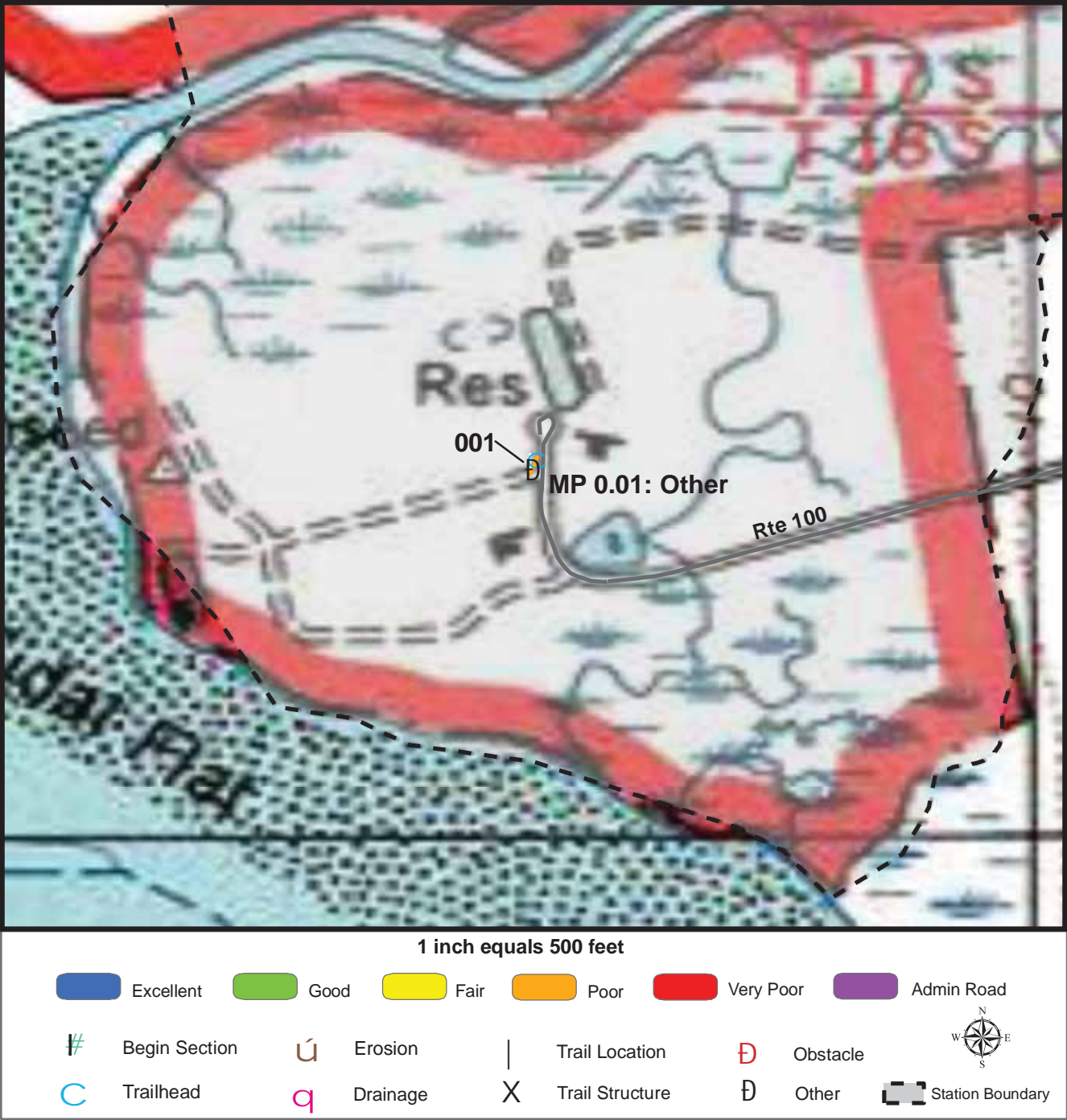
Section Number	001	002	003	004	005
Section Length (miles)	0.01	0.2	0.29	0.05	0.05
SAMMS Number	10001555	10001555	10001555	10001555	10001555
Rating Date	1/22/2007	1/22/2007	1/22/2007	1/22/2007	1/22/2007
<b>Trail Section Information</b>					
Trail Class	TC5	TC4	TC4	TC4	TC4
Surface Type	Concrete	Native	Native	Native	Native
Surface Firmness	Paved	Firm	Firm	Firm	Firm
Width (inches)	48	48	96	96	96
Average Grade (%)	3.5	3.5	3.5	3.5	3.5
Average X-slope (%)	0.9	0.9	0.9	0.9	0.9
<b>Trail Condition Information</b>					
Deferred Maintenance	\$232	\$0	\$0	\$0	\$0
CRV	\$1830	\$20087	\$59648	\$12927	\$10721
FCI	0.127	0	0	0	0
Condition	Poor	Excellent	Excellent	Excellent	Excellent

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$232	\$105213	0.002	Excellent



TRAIL DEFICIENCY



Trail Name: Gunpowder Point Interpretive Trail

Refuge Name: Sweetwater Marsh NWR

Trail Number: T500

Region: 8

TOTAL LENGTH: 0.6 Miles

Mile Post	0.01			
Section Number	001			
Photo Number	2139			
Deficiency	Other			
Action	Repair			
Item	Tread -sf			
Quantity	48			
Deferred Maintenance	\$232			



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2134 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2135 - MP 0.02 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2137 - MP 0.02 - Begin Section 002

TRAIL NUMBER: **T400**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2138 - MP 0.03 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2136 - MP 0.04 - Sign

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2116 - MP 0.0 - Trailhead, Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2139 - MP 0.01 - Other Deficiency

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2117 - MP 0.01 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2119 - MP 0.01 - Begin Section 002

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2120 - MP 0.07 - Sign (Grouped)



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2124 - MP 0.07 - Sign

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2125 - MP 0.07 - Begin Section 003



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2121 - MP 0.15 - Sign

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2126 - MP 0.16 - Begin Section 004

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2128 - MP 0.18 - Other

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2130 - MP 0.19 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2122 - MP 0.21 - Sign

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2123 - MP 0.21 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2127 - MP 0.21 - Sign

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2131 - MP 0.22 - Begin Section 005

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2132 - MP 0.27 - Sign

TRAIL NUMBER: **T500**

STATION: Sweetwater Marsh NWR

DATE: 1/22/2007



Photo # 2133 - MP 0.36 - Sign



# **The Trail Inventory of Tijuana Slough National Wildlife Refuge Imperial Beach, California**



Prepared By:  
**Federal Highway Administration**  
**Central Federal Lands Highway Division**  
**January, 2007**





# Tijuana Slough NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native	3.35		0.09	2%		0%		0%	0.03	1%		0%	3.47
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt		0%		0%		0%		0%		0%		0%	0.00
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk	0.05	1%		0%		0%		0%		0%		0%	0.05
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%	0.88	20%	0.88
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	3.40	1%	0.09	2%	0.00	0%	0.00	0%	0.03	1%	0.88	20%	4.40

### Trail Miles and Percentages by Trail Classification and Condition

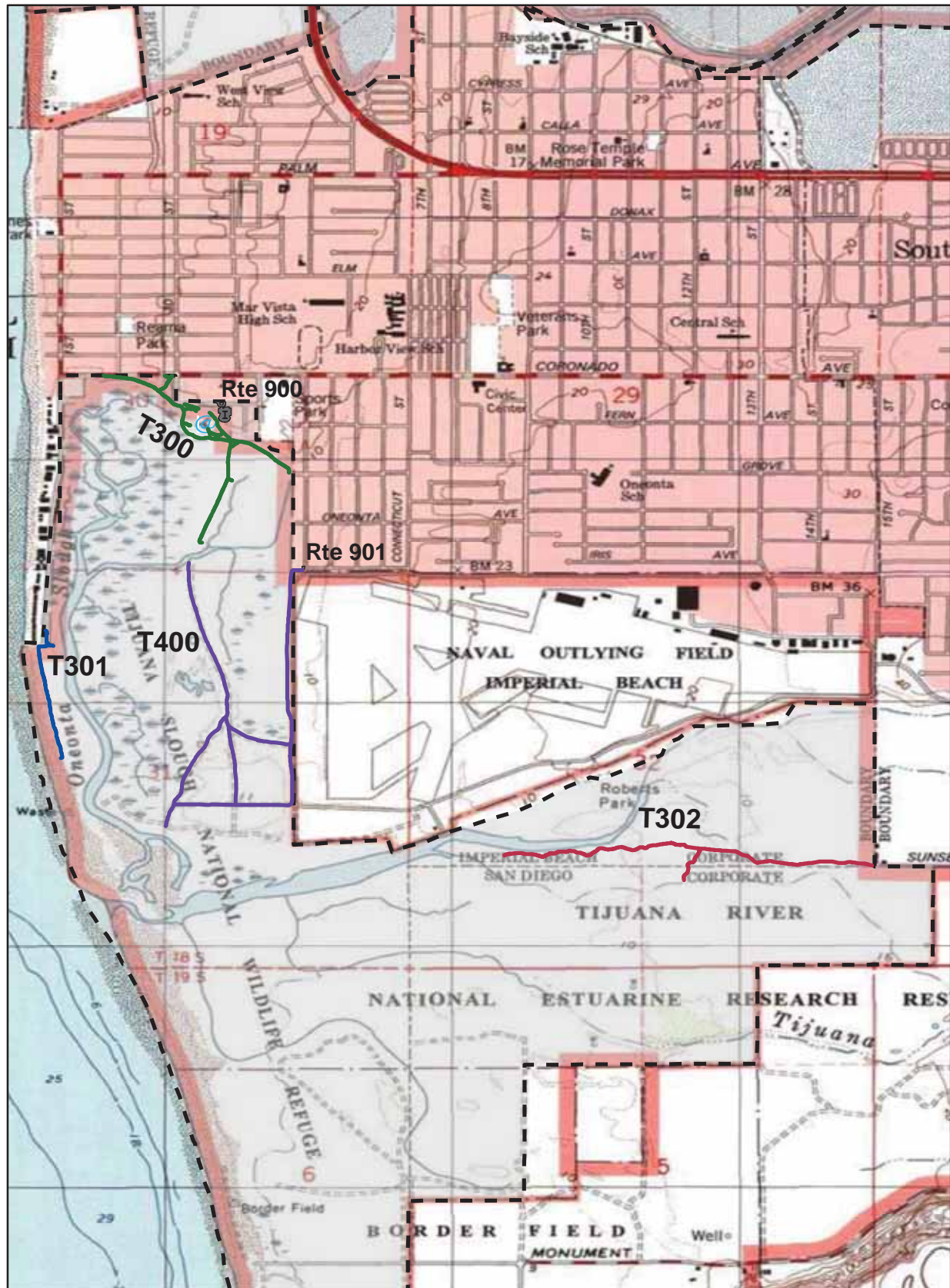
Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2	0.18	4%		0%		0%		0%		0%		0%	0.18
TC3	1.20	27%	0.09	2%		0%		0%	0.03	1%	0.88	20%	2.20
TC4	1.97	45%		0%		0%		0%		0%		0%	1.97
TC5	0.05	1%		0%		0%		0%		0%		0%	0.05
Totals	3.40	77%	0.09	2%	0.00	0%	0.00	0%	0.03	1%	0.88	20%	4.40

\* Admin Roads are included in the inventory but are not rated for condition.

## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	4	No	0.00	1238
T300	Sign	1	No	0.09	1241
T300	Sign	1	No	0.03	1242
T300	Bridge -sf	750	No	0.11	1245
T300	Sign	6	Yes	N/A	1244
T300	Bench	2	No	0.34	N/A
T300	Bridge -sf	1190	No	0.22	1254
T300	Bench	3	No	0.11	N/A
T300	Bridge -sf	85	No	0.11	1259
T300	Bridge -sf	96	No	0.20	1267
T300	Step: Log -each	8	Yes	N/A	N/A
T300	Sign	3	No	0.37	1261
T300	Step: Log -each	5	No	0.27	N/A
T300	Lookout/Ob Deck	1	No	0.27	N/A
T300	Bench	2	No	0.28	N/A
T300	Step: Log -each	6	No	0.28	N/A
T300	Sign	1	No	0.28	1263
T300	Sign	2	No	0.30	1266
T300	Bench	1	No	0.30	N/A
T300	Sign	1	No	0.22	1268
T300	Bridge -sf	60	No	0.15	1273
T300	Sign	1	No	0.24	1296
T301	Sign	1	No	0.03	1277
T301	Lookout/Ob Deck	1	No	0.05	N/A
T301	Sign	3	No	0.05	1279
T302	Sign	3	No	0.00	1300, 1301
T302	Sign	1	No	0.00	1298
T302	Sign	5	Yes	N/A	1299
T302	Sign	8	Yes	N/A	1302
T400	Gate	1	No	0.00	N/A
T400	Sign	1	Yes	N/A	1287
T400	Bench	1	No	0.02	N/A
T400	Sign	2	Yes	N/A	1289
T400	Sign	1	No	0.90	1291
T400	Bench	1	No	0.94	N/A
T400	Sign	1	Yes	N/A	1292
T400	Bench	1	No	1.22	N/A
T400	Bench	1	No	1.54	N/A
sf-square feet lf-linear feet cf-cubic feet					

# TIJUANA SLOUGH NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



Station Boundary

HQ/VC

0 0.5 1 Miles



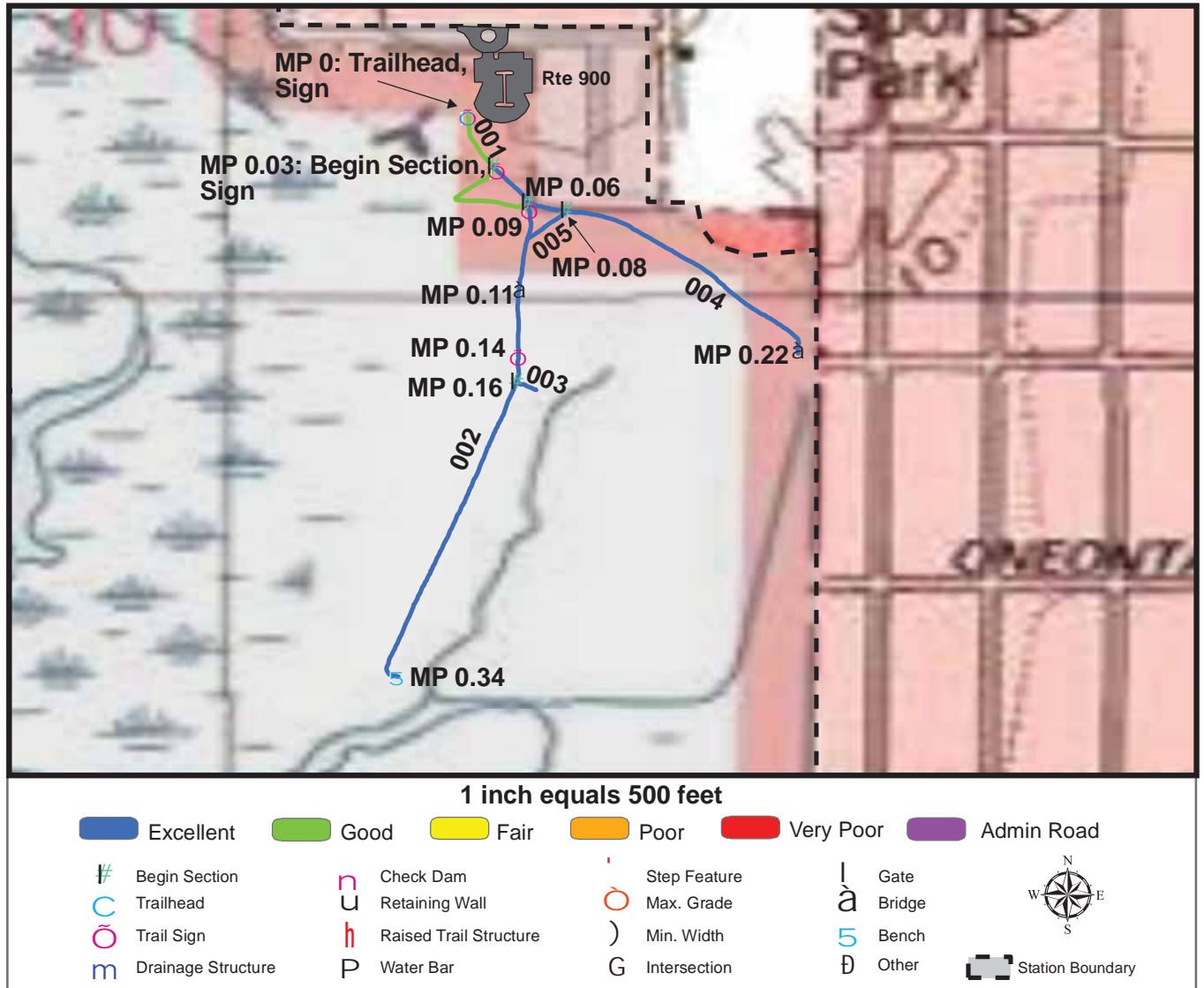
## TRAILS ID

**Station Name: Tijuana Slough NWR**

**Org. Code: 81681**

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	North McCoy Trail	Native	10001572	1.12	From Headquarters parking (Rte 900) to end of trail.
T301	North Beach Trail	Native, Boardwalk, Admin Road	10011531	0.36	From trailhead to end of trail
T302	Equestrian Trail	Native, Admin Road	10036123	0.95	From trailhead to end of trail
T400	South McCoy Trail	Native	10001534	1.97	From 5th and Iris Trailhead parking (Rte 901) to end of trail

# TRAIL CONDITION



**Trail Name:** North McCoy Trail

**Refuge Name:** Tijuana Slough NWR

**Trail Number:** T300

**Region:** 8

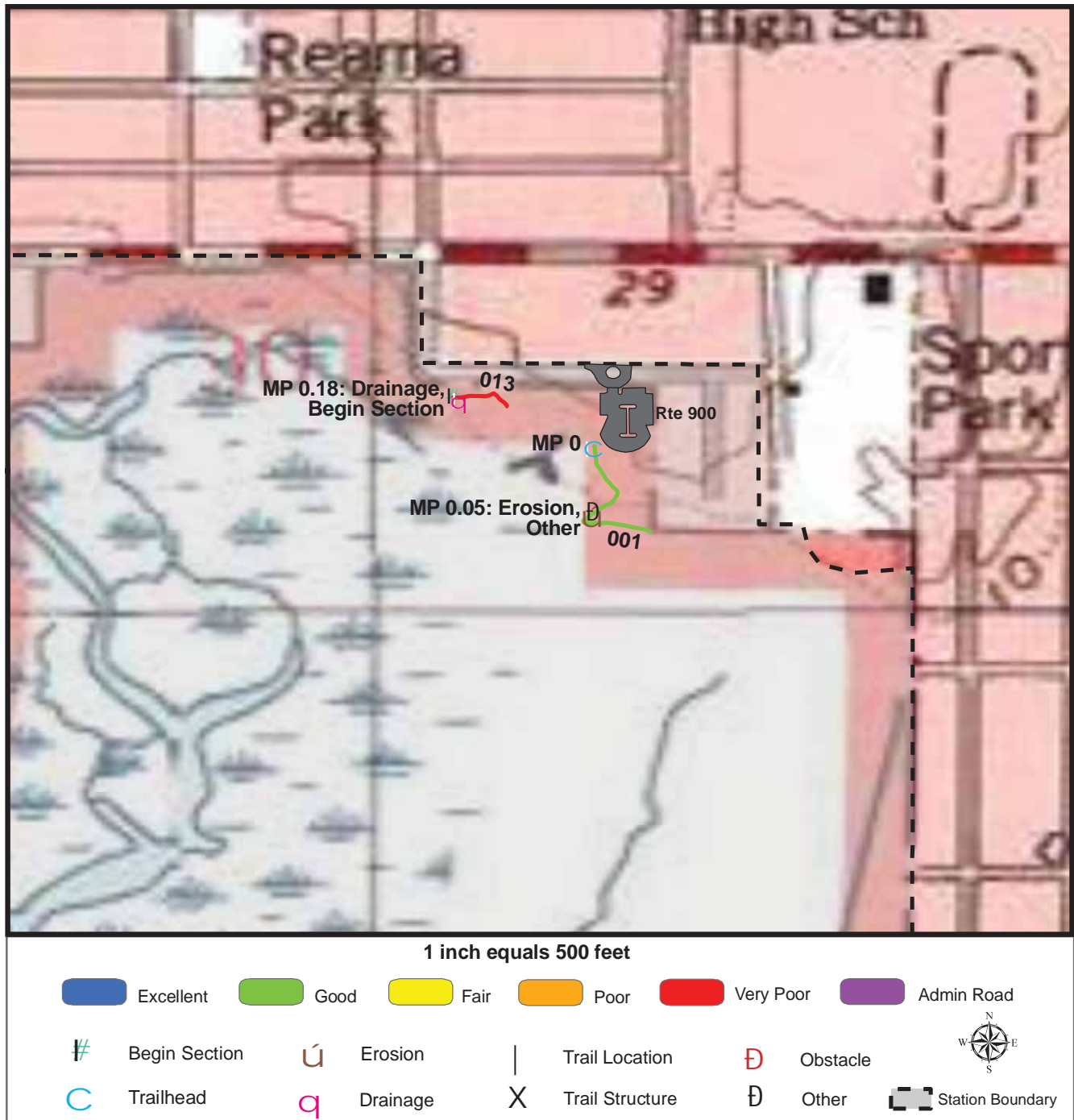
**TOTAL LENGTH:** 1.12 Miles

Section Number	001	002	003	004	005
Section Length (miles)	0.09	0.31	0.01	0.16	0.02
SAMMS Number	10001572	10001572	10001572	10001572	10001572
Rating Date	1/22/2007	1/22/2007	1/22/2007	1/22/2007	1/22/2007
<b>Trail Section Information</b>					
Trail Class	TC3	TC3	TC3	TC3	TC3
Surface Type	Native	Native	Native	Native	Native
Surface Firmness	Firm	Firm	Firm	Firm	Firm
Width (inches)	60	120	96	120	72
Average Grade (%)	3.3	3.3	3.3	3.3	3.3
Average X-slope (%)	3.9	3.9	3.9	3.9	3.9
<b>Trail Condition Information</b>					
Deferred Maintenance	\$337	\$0	\$0	\$0	\$0
CRV	\$12080	\$125885	\$2060	\$116889	\$3712
FCI	0.028	0	0	0	0
Condition	Good	Excellent	Excellent	Excellent	Excellent

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$4795	\$353437	0.014	Good

# TRAIL DEFICIENCY



Trail Name: North McCoy Trail

Refuge Name: Tijuana Slough NWR

Trail Number: T300

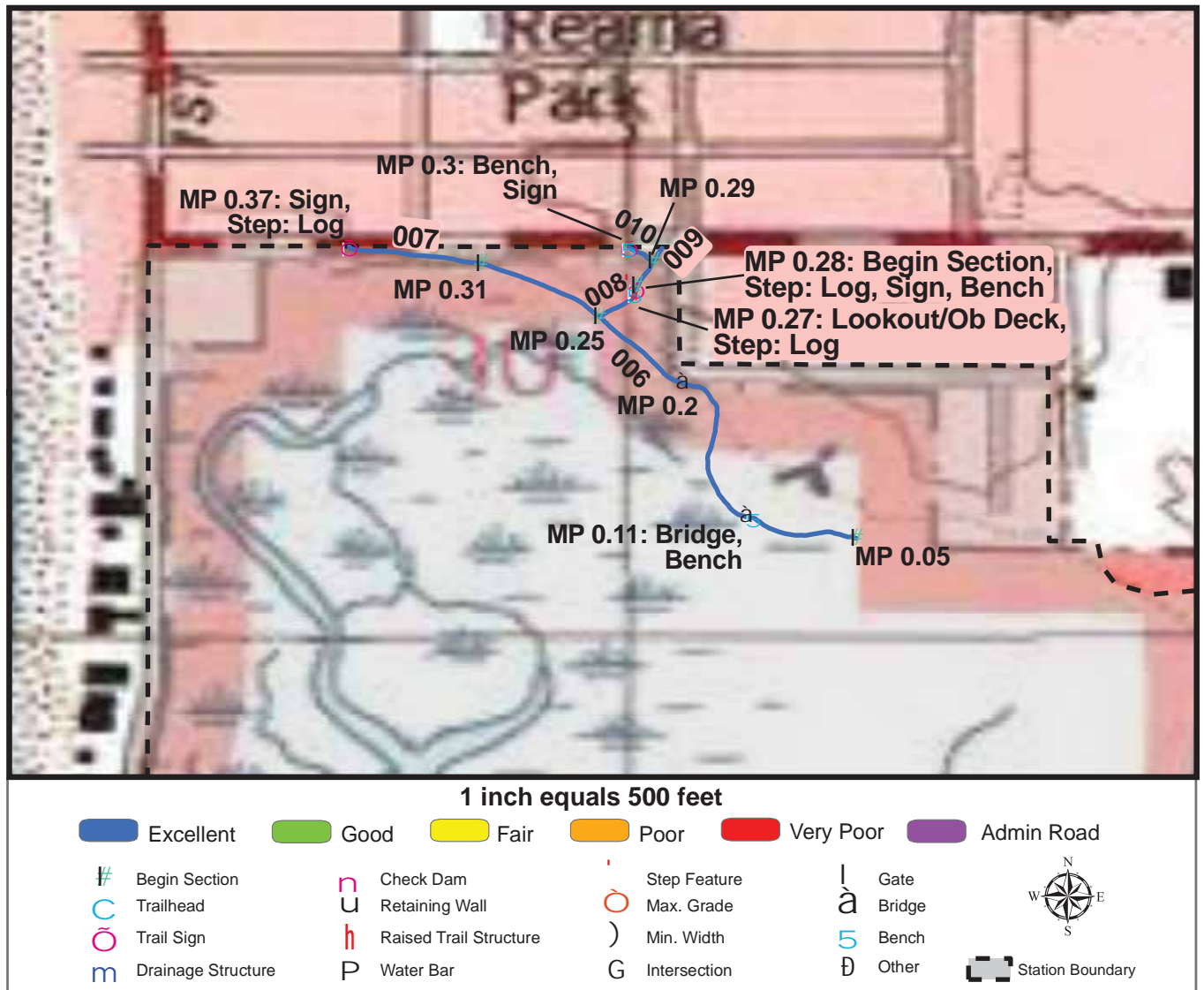
Region: 8

TOTAL LENGTH: 1.12 Miles

Mile Post	0.05	0.05	0.18	
Section Number	001	001	013	
Photo Number	1240	1240	1270	
Deficiency	Erosion	Other	Drainage	
Action	Build/Add	Repair	Build/Add	
Item	Water Bar:Wood -each	Tread -sf	Bridge -sf	
Quantity	2	15	70	
Deferred Maintenance	\$251	\$86	\$4458	



## TRAIL CONDITION



**Trail Name:** North McCoy Trail

**Refuge Name:** Tijuana Slough NWR

**Trail Number:** T300

**Region:** 8

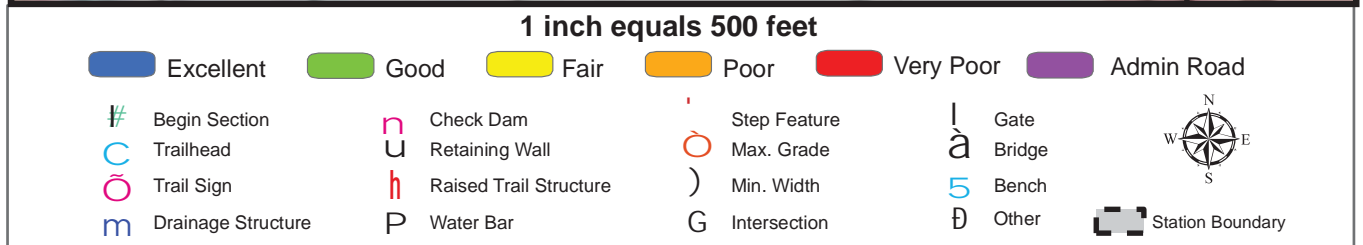
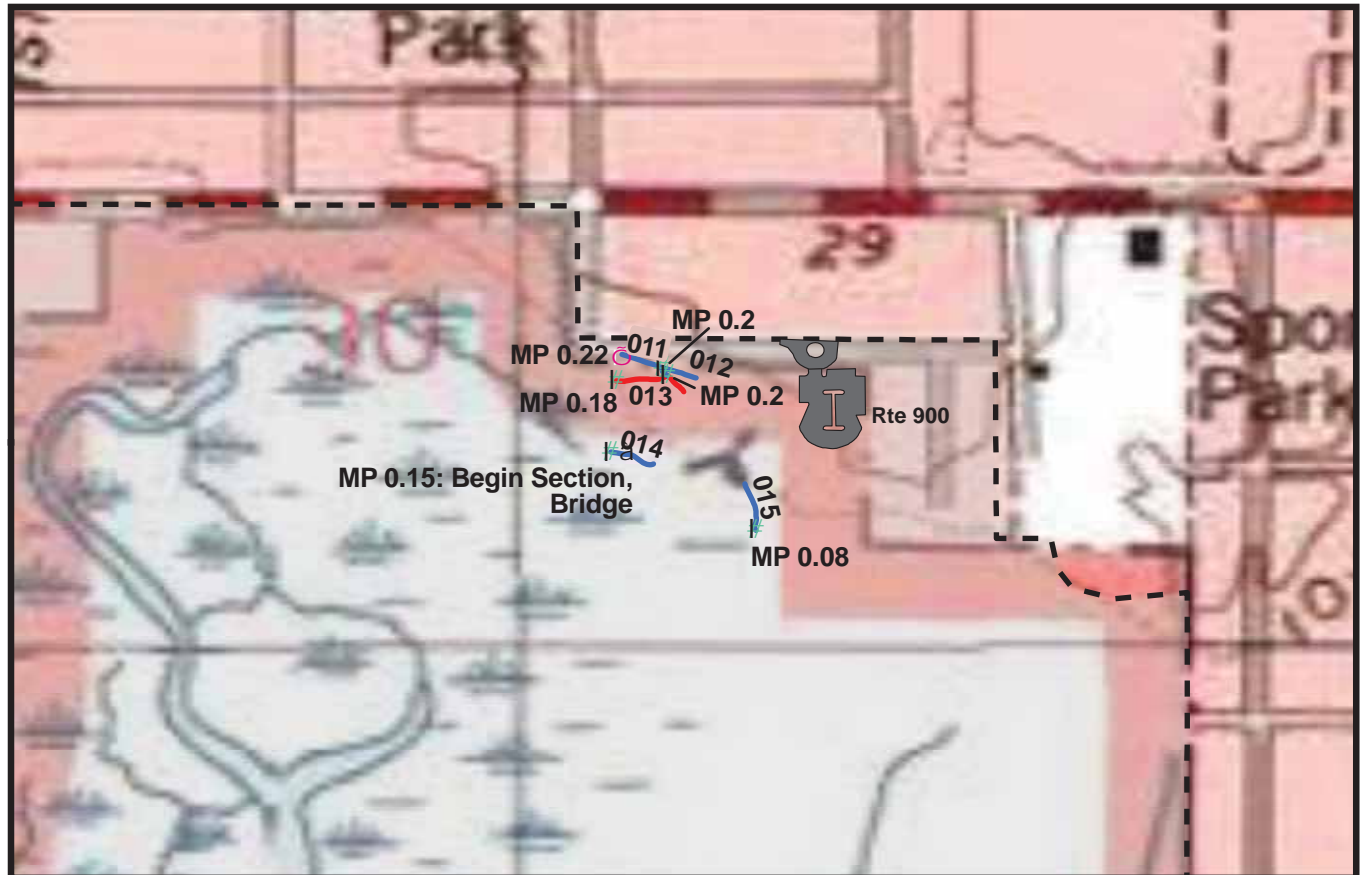
**TOTAL LENGTH:** 1.12 Miles

Section Number	006	007	008	009	010
Section Length (miles)	0.26	0.06	0.03	0.02	0.01
SAMMS Number	10001572	10001572	10001572	10001572	10001572
Rating Date	1/22/2007	1/22/2007	1/22/2007	1/22/2007	1/22/2007
<b>Trail Section Information</b>					
Trail Class	TC3	TC3	TC3	TC3	TC3
Surface Type	Native	Native	Native	Native	Native
Surface Firmness	Firm	Firm	Firm	Firm	Firm
Width (inches)	72	36	60	90	90
Average Grade (%)	3.3	3.3	3.3	3.3	3.3
Average X-slope (%)	3.9	3.9	3.9	3.9	3.9
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0	\$0	\$0
CRV	\$52189	\$5829	\$4591	\$4608	\$2698
FCI	0	0	0	0	0
Condition	Excellent	Excellent	Excellent	Excellent	Excellent

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$4795	\$353437	0.014	Good

# TRAIL CONDITION



**Trail Name:** North McCoy Trail

**Refuge Name:** Tijuana Slough NWR

**Trail Number:** T300

**Region:** 8

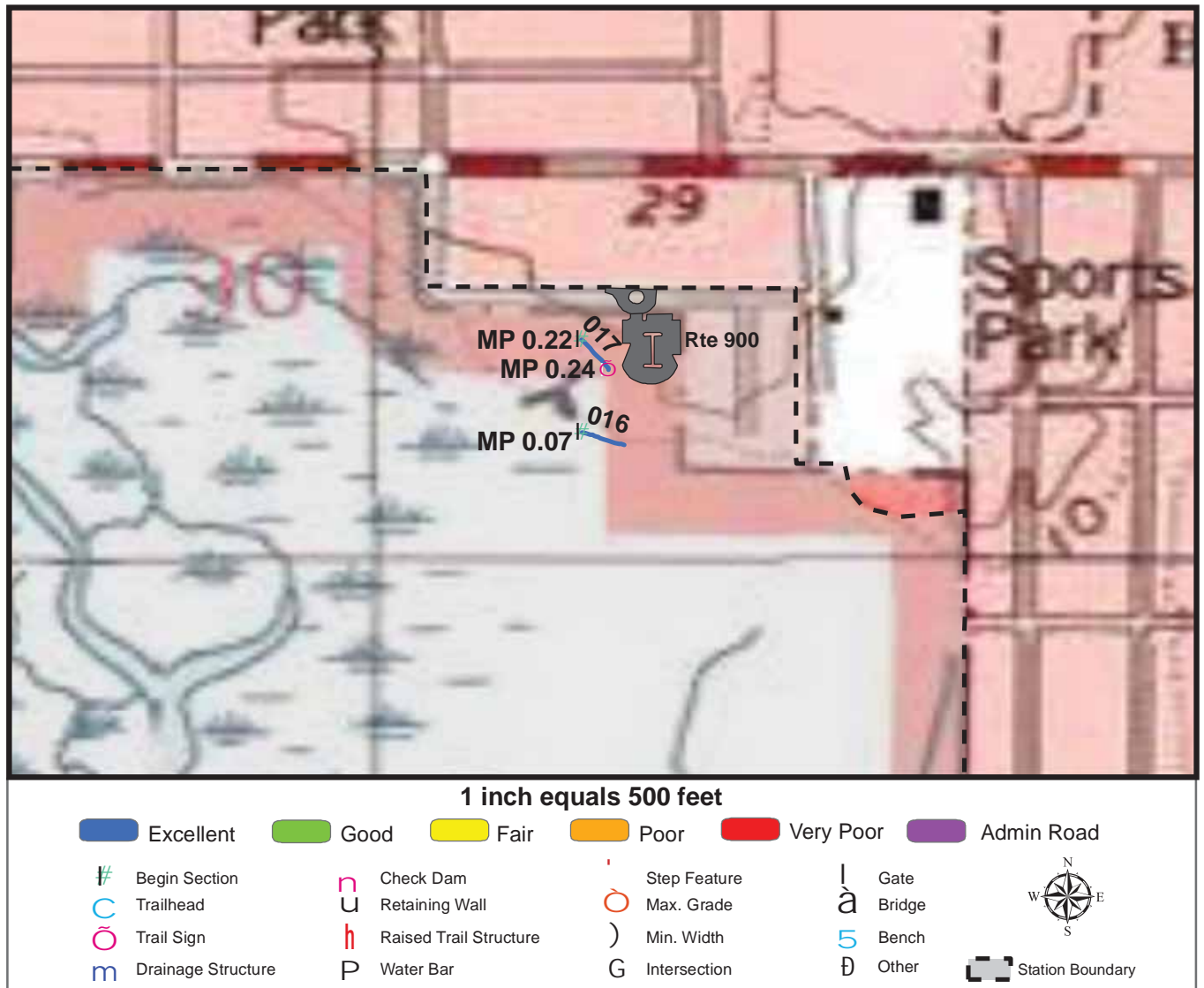
**TOTAL LENGTH:** 1.12 Miles

Section Number	011	012	013	014	015
Section Length (miles)	0.02	0.02	0.03	0.02	0.02
SAMMS Number	10001572	10001572	10001572	10001572	10001572
Rating Date	1/22/2007	1/22/2007	1/22/2007	1/22/2007	1/22/2007
<b>Trail Section Information</b>					
Trail Class	TC3	TC3	TC3	TC3	TC3
Surface Type	Native	Native	Native	Native	Native
Surface Firmness	Firm	Firm	Firm	Firm	Firm
Width (inches)	70	70	40	50	60
Average Grade (%)	3.3	3.3	3.3	3.3	3.3
Average X-slope (%)	3.9	3.9	3.9	3.9	3.9
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$4458	\$0	\$0
CRV	\$2708	\$2966	\$2781	\$5873	\$3078
FCI	0	0	1.603	0	0
Condition	Excellent	Excellent	Very Poor	Excellent	Excellent

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$4795	\$353437	0.014	Good

# TRAIL CONDITION



**Trail Name:** North McCoy Trail

**Refuge Name:** Tijuana Slough NWR

**Trail Number:** T300

**Region:** 8

**TOTAL LENGTH:** 1.12 Miles

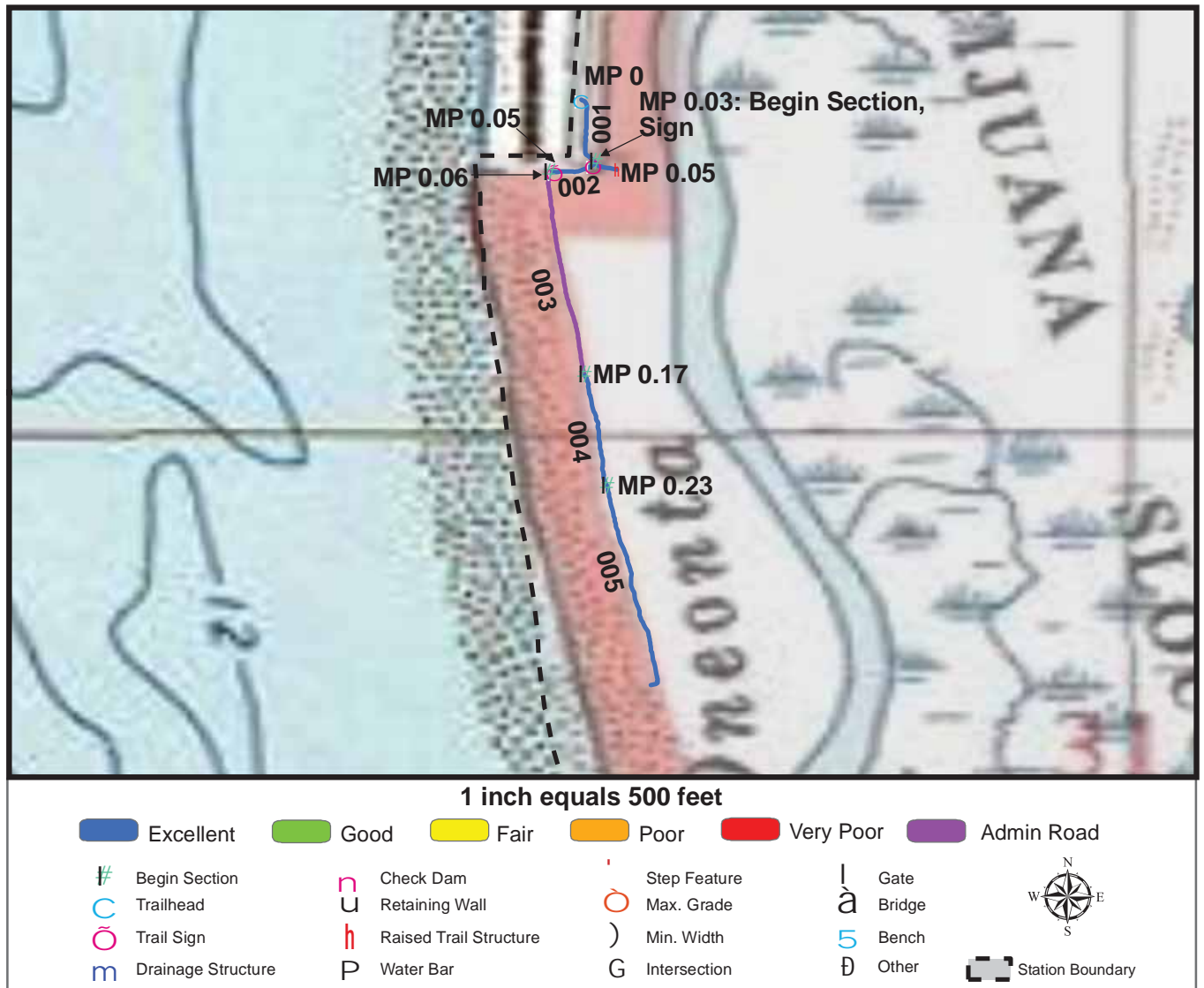
Section Number	016	017			
Section Length (miles)	0.02	0.02			
SAMMS Number	10001572	10001572			
Rating Date	1/22/2007	1/22/2007			
<b>Trail Section Information</b>					
Trail Class	TC3	TC3			
Surface Type	Native	Native			
Surface Firmness	Firm	Hard			
Width (inches)	48	72			
Average Grade (%)	3.3	3.3			
Average X-slope (%)	3.9	3.9			
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0			
CRV	\$2202	\$3288			
FCI	0	0			
Condition	Excellent	Excellent			

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$4795	\$353437	0.014	Good



# TRAIL CONDITION



**Trail Name:** North Beach Trail

**Refuge Name:** Tijuana Slough NWR

**Trail Number:** T301

**Region:** 8

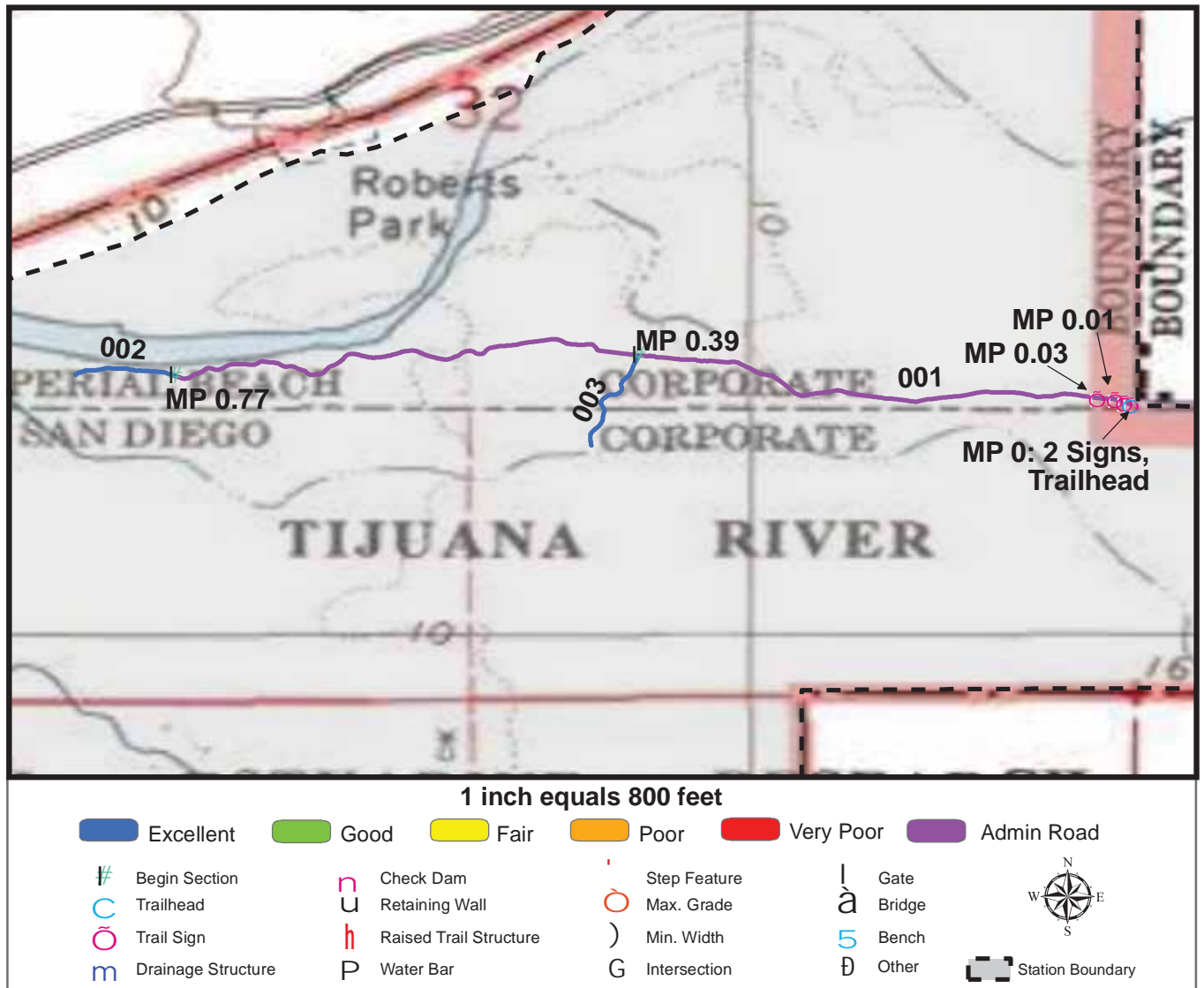
**TOTAL LENGTH:** 0.36 Miles

Section Number	001	002	003	004	005
Section Length (miles)	0.05	0.02	0.11	0.06	0.12
SAMMS Number					
Rating Date	1/22/2007	1/22/2007	1/22/2007	1/22/2007	1/22/2007
<b>Trail Section Information</b>					
Trail Class	TC5	TC3	TC3	TC3	TC3
Surface Type	Boardwalk	Native	Admin Road	Native	Native
Surface Firmness	Hard	Very Soft	Hard	Hard	Hard
Width (inches)	96	178	120	96	48
Average Grade (%)	4.9	4.9	4.9	4.9	4.9
Average X-slope (%)	3.3	3.3	3.3	3.3	3.3
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0	\$0	\$0
CRV	\$54775	\$8767	\$0	\$13176	\$11958
FCI	0	0	0	0	0
Condition	Excellent	Excellent	Not Rated	Excellent	Excellent

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$88676	0	Excellent

## TRAIL CONDITION



**Trail Name:** Equestrian Trail

**Refuge Name:** Tijuana Slough NWR

**Trail Number:** T302

**Region:** 8

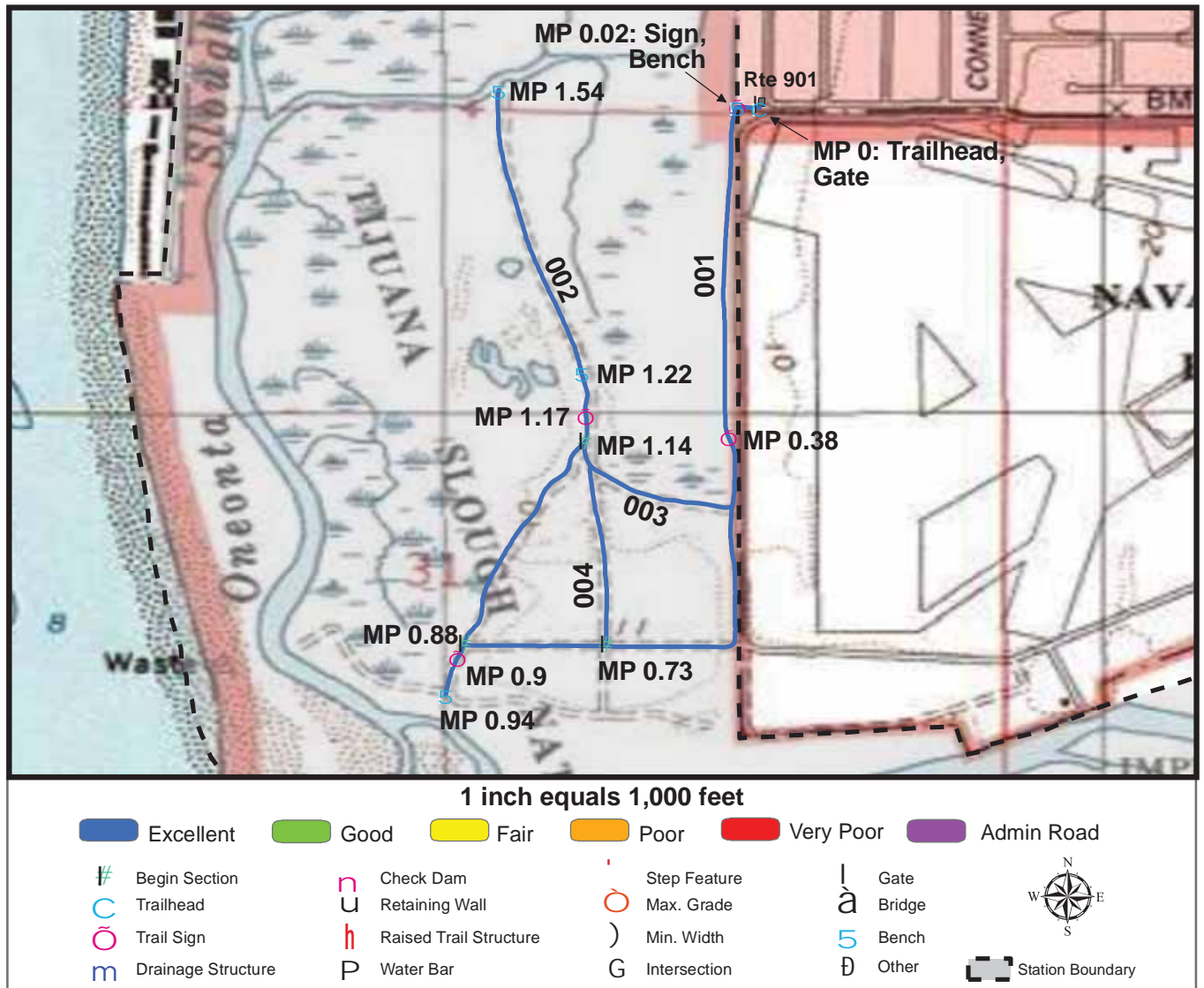
**TOTAL LENGTH:** 0.95 Miles

Section Number	001	002	003		
Section Length (miles)	0.77	0.08	0.1		
SAMMS Number	10036123	10036123	10036123		
Rating Date	1/22/2007	1/22/2007	1/22/2007		
<b>Trail Section Information</b>					
Trail Class	TC3	TC2	TC2		
Surface Type	Admin Road	Native	Native		
Surface Firmness	Soft	Soft	Soft		
Width (inches)	84	24	36		
Average Grade (%)	4.6	4.6	4.6		
Average X-slope (%)	10.6	10.6	10.6		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0	\$0	\$0		
CRV	\$0	\$3999	\$7516		
FCI	0	0	0		
Condition	Not Rated	Excellent	Excellent		

### Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$11515	0	Excellent

# TRAIL CONDITION



**Trail Name:** South McCoy Trail

**Refuge Name:** Tijuana Slough NWR

**Trail Number:** T400

**Region:** 8

**TOTAL LENGTH:** 1.97 Miles

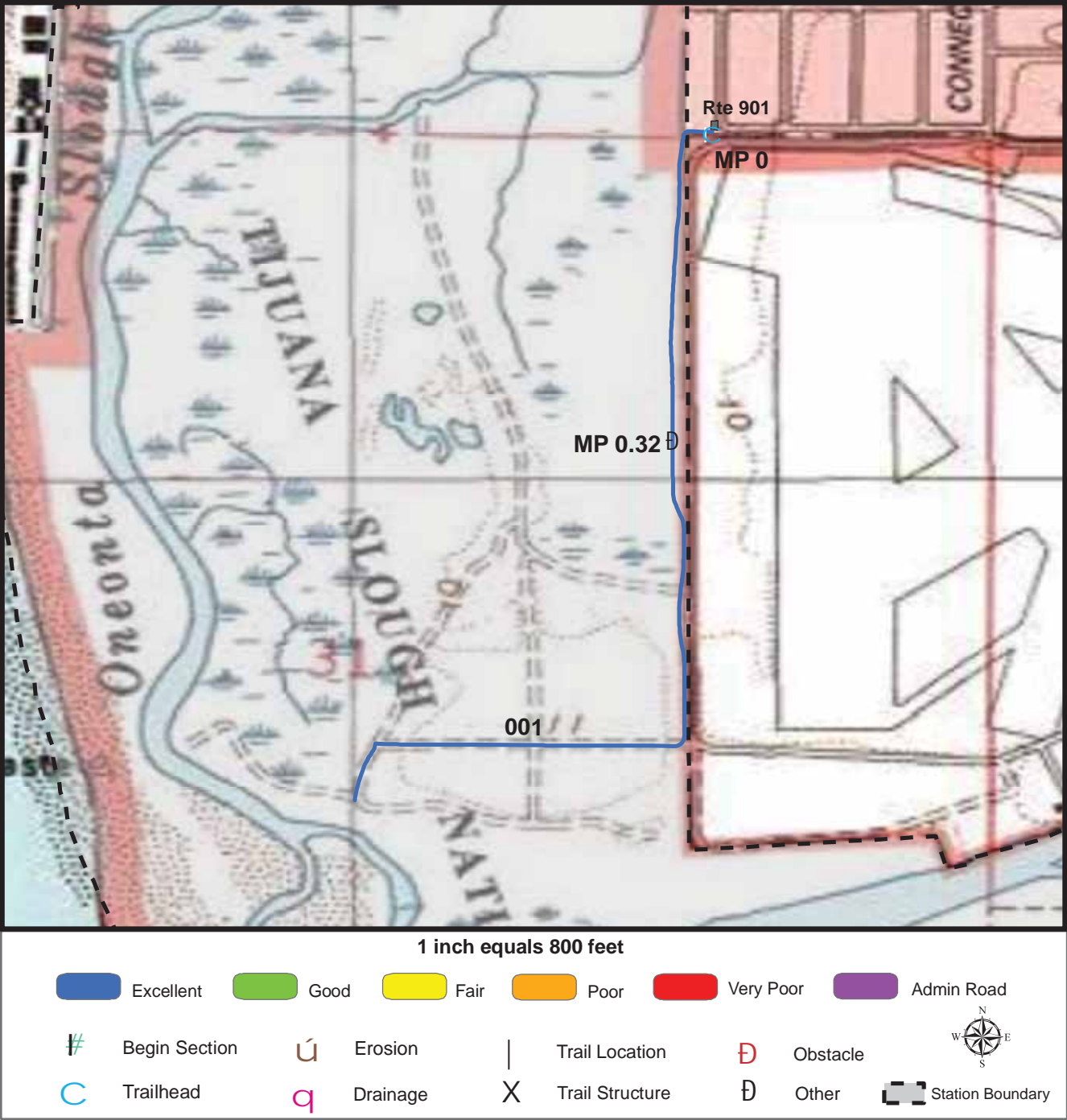
Section Number	001	002	003	004	
Section Length (miles)	0.94	0.66	0.17	0.2	
SAMMS Number	10001534	10001534	10001534	10001534	
Rating Date	1/22/2007	1/22/2007	1/22/2007	1/22/2007	
<b>Trail Section Information</b>					
Trail Class	TC4	TC4	TC4	TC4	
Surface Type	Native	Native	Native	Native	
Surface Firmness	Hard	Hard	Hard	Hard	
Width (inches)	112	112	112	112	
Average Grade (%)	1.7	1.7	1.7	1.7	
Average X-slope (%)	3.1	3.1	3.1	3.1	
<b>Trail Condition Information</b>					
Deferred Maintenance	\$108	\$0	\$0	\$0	
CRV	\$226480	\$159368	\$41207	\$48552	
FCI	0	0	0	0	
Condition	Excellent	Excellent	Excellent	Excellent	

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$108	\$475607	0	Excellent



TRAIL DEFICIENCY



Trail Name: South McCoy Trail

Refuge Name: Tijuana Slough NWR

Trail Number: T400

Region: 8

TOTAL LENGTH: 1.97 Miles

Mile Post	0.32			
Section Number	001			
Photo Number	1288			
Deficiency	Other			
Action	Repair			
Item	Tread -sf			
Quantity	24			
Deferred Maintenance	\$108			

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1238 - MP 0.0 - Trailhead, Sign

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1242 - MP 0.03 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1243 - MP 0.03 - Begin Section 002

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1240 - MP 0.05 - Erosion Deficiency, Other Deficiency



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1258 - MP 0.05 - Begin Section 006

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1253 - MP 0.06 - Begin Section 004

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1275 - MP 0.07 - Begin Section 016

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1255 - MP 0.08 - Begin Section 005



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1274 - MP 0.08 - Begin Section 015

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1241 - MP 0.09 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1245 - MP 0.11 - Bridge

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1259 - MP 0.11 - Bridge

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1244 - MP 0.14 - Sign (Grouped Features, Directional)

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1272 - MP 0.15 - Begin Section 014



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1273 - MP 0.15 - Bridge

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1251 - MP 0.16 - Begin Section 003



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1270 - MP 0.18 - Drainage Deficiency

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1271 - MP 0.18 - Begin Section 013



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1267 - MP 0.2 - Bridge

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1254 - MP 0.22 - Bridge



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1268 - MP 0.22 - Sign

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1296 - MP 0.24 - Sign



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1262 - MP 0.25 - Begin Section 008

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007

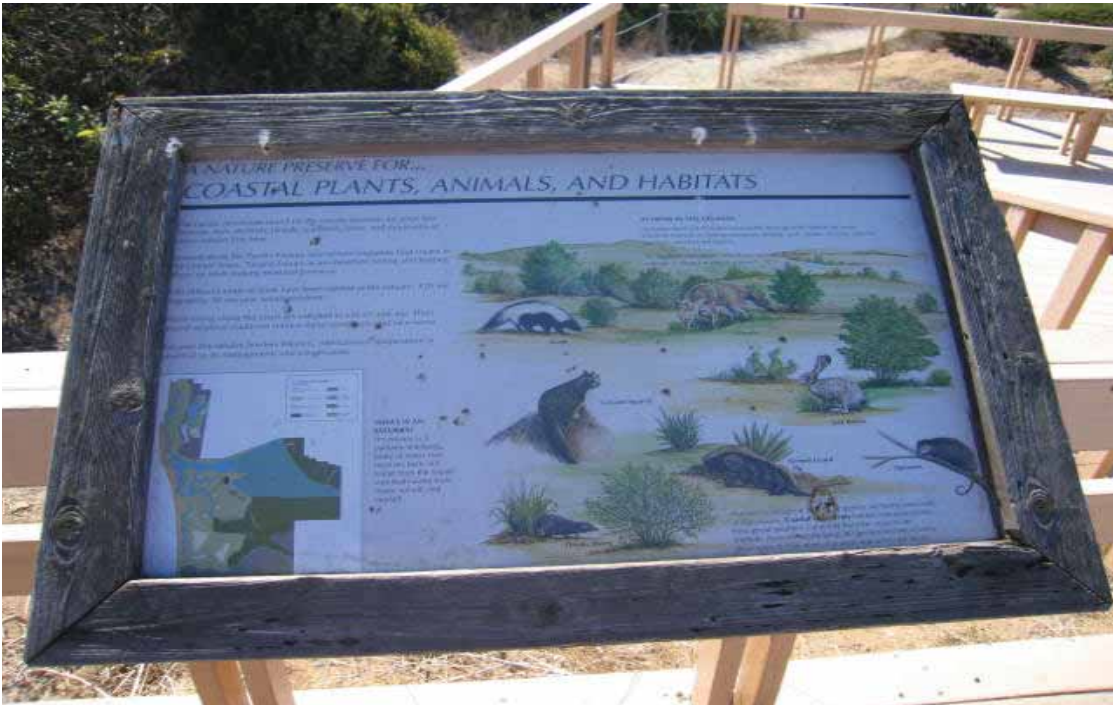


Photo # 1263 - MP 0.28 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1264 - MP 0.28 - Begin Section 009

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1265 - MP 0.29 - Begin Section 010



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1266 - MP 0.3 - Sign

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1260 - MP 0.31 - Begin Section 007



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1261 - MP 0.37 - Sign

TRAIL NUMBER: **T301**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1276 - MP 0.0 - Trailhead

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1277 - MP 0.03 - Sign

TRAIL NUMBER: T301

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1278 - MP 0.03 - Begin Section 002



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1279 - MP 0.05 - Sign

TRAIL NUMBER: **T301**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1280 - MP 0.06 - Begin Section 003

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1281 - MP 0.17 - Begin Section 004

TRAIL NUMBER: **T301**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1282 - MP 0.23 - Begin Section 005



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T302**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1297 - MP 0.0 - Trailhead

TRAIL NUMBER: **T302**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1298 - MP 0.0 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T302**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1300, 1301 - MP 0.0 - Sign

TRAIL NUMBER: **T302**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1299 - MP 0.01 - Sign (Grouped Features Horse & Arrow)



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T302**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1302 - MP 0.03 - Sign (Grouped Features Arrow, Trail)

TRAIL NUMBER: **T302**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1309 - MP 0.39 - Begin Section 003



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T302**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1303 - MP 0.77 - Begin Section 002

TRAIL NUMBER: **T400**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1286 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1287 - MP 0.02 - Sign (Grouped Features)

TRAIL NUMBER: **T400**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1288 - MP 0.32 - Other Deficiency

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1289 - MP 0.38 - Sign (Grouped Feature)

TRAIL NUMBER: **T400**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1294 - MP 0.73 - Begin Section 004



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1290 - MP 0.88 - Begin Section 002

TRAIL NUMBER: **T400**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1291 - MP 0.9 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1293 - MP 1.14 - Begin Section 003

TRAIL NUMBER: **T400**

STATION: Tijuana Slough NWR

DATE: 1/22/2007



Photo # 1292 - MP 1.17 - Sign (Grouped Features)



# The Trail Inventory of Tule Lake National Wildlife Refuge Tulelake, California



Prepared By:  
Federal Highway Administration  
Central Federal Lands Highway Division  
June 2007



# Tule Lake NWR

## Trail and Trail Feature Summaries

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

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native	0.22	18%		0%		0%		0%		0%		0%	0.22
Gravel	0.07	6%		0%		0%		0%		0%		0%	0.07
Asphalt	0.13	10%		0%		0%		0%		0%		0%	0.13
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk		0%		0%		0%		0%		0%		0%	0.00
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%	0.69	56%	0.69
Other	0.13	10%		0%		0%		0%		0%		0%	0.13
Totals	0.55	44%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.69	56%	1.24

### Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	0.22	18%		0%		0%		0%		0%		0%	0.22
TC4	0.07	6%		0%		0%		0%		0%	0.69	56%	0.76
TC5	0.26	21%		0%		0%		0%		0%		0%	0.26
Totals	0.55	44%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.69	56%	1.24

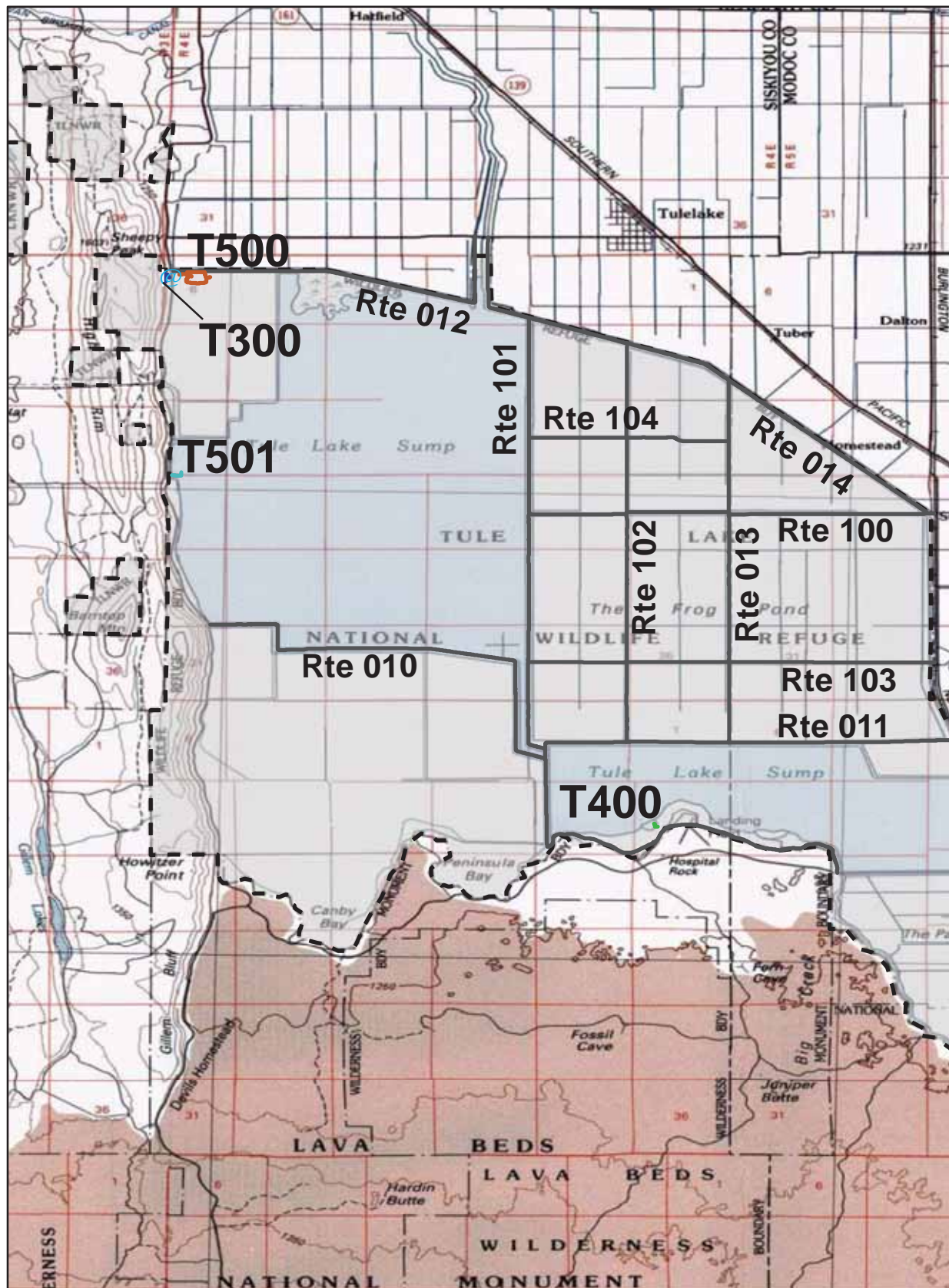
\* Admin Roads are included in the inventory but are not rated for condition.



## Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	1	No	0.00	38
T300	Sign	7	Yes	N/A	39
T300	Bench	1	No	0.22	N/A
T300	Step: Rock -each	4	No	0.22	N/A
T300	Lookout/Ob Deck	1	No	0.22	N/A
T400	Bridge -sf	240	No	0.03	63
T400	Lookout/Ob Deck	1	No	0.07	N/A
T500	Sign	11	Yes	N/A	40
T500	Bridge -sf	98	No	0.02	42
T500	Lookout/Ob Deck	1	No	0.13	N/A
T500	Lookout/Ob Deck	1	No	0.44	N/A
T501	Sign	1	No	0.00	49
T501	Lookout/Ob Deck	1	No	0.13	N/A
<b>sf-square feet</b> <b>lf-linear feet</b> <b>cf-cubic feet</b>					

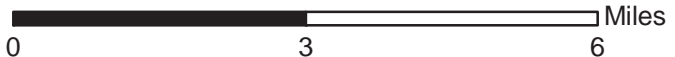
# TULE LAKE NWR TRAIL LOCATION MAP



Station Boundary



HQ/VC





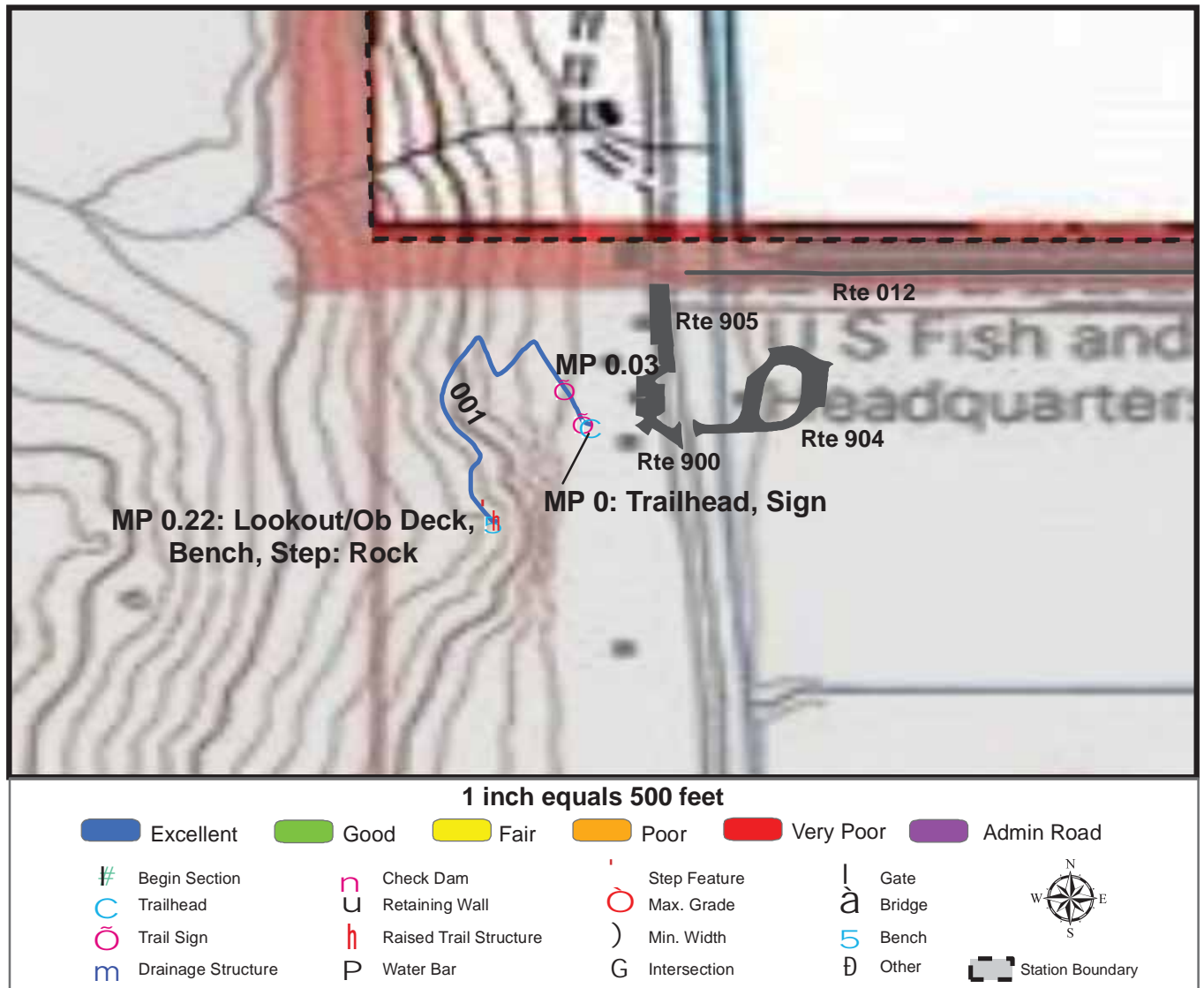
## TRAILS ID

**Station Name: Tule Lake NWR**

**Org. Code: 81664**

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Sheepy Ridge Trail	Native	N/A	0.22	From Headquarters Parking (Rte 900) to lookout/ob deck
T400	Wildlife Overlook Trail	Gravel	N/A	0.07	From Wildlife Overlook Parking A (Rte 907) to overlook kiosk
T500	Discovery Marsh Trail	Asphalt, Admin Road	10001377	0.82	From Discovery Marsh Trail Parking (Rte 904) to end of trail loop
T501	Refuge Photo Blind Trail	Other	10050900	0.13	From Hill Road Middle Hunter Parking (Rte 901) to photo blind

# TRAIL CONDITION



**Trail Name:** Sheepy Ridge Trail

**Refuge Name:** Tule Lake NWR

**Trail Number:** T300

**Region:** 8

**TOTAL LENGTH:** 0.22 Miles

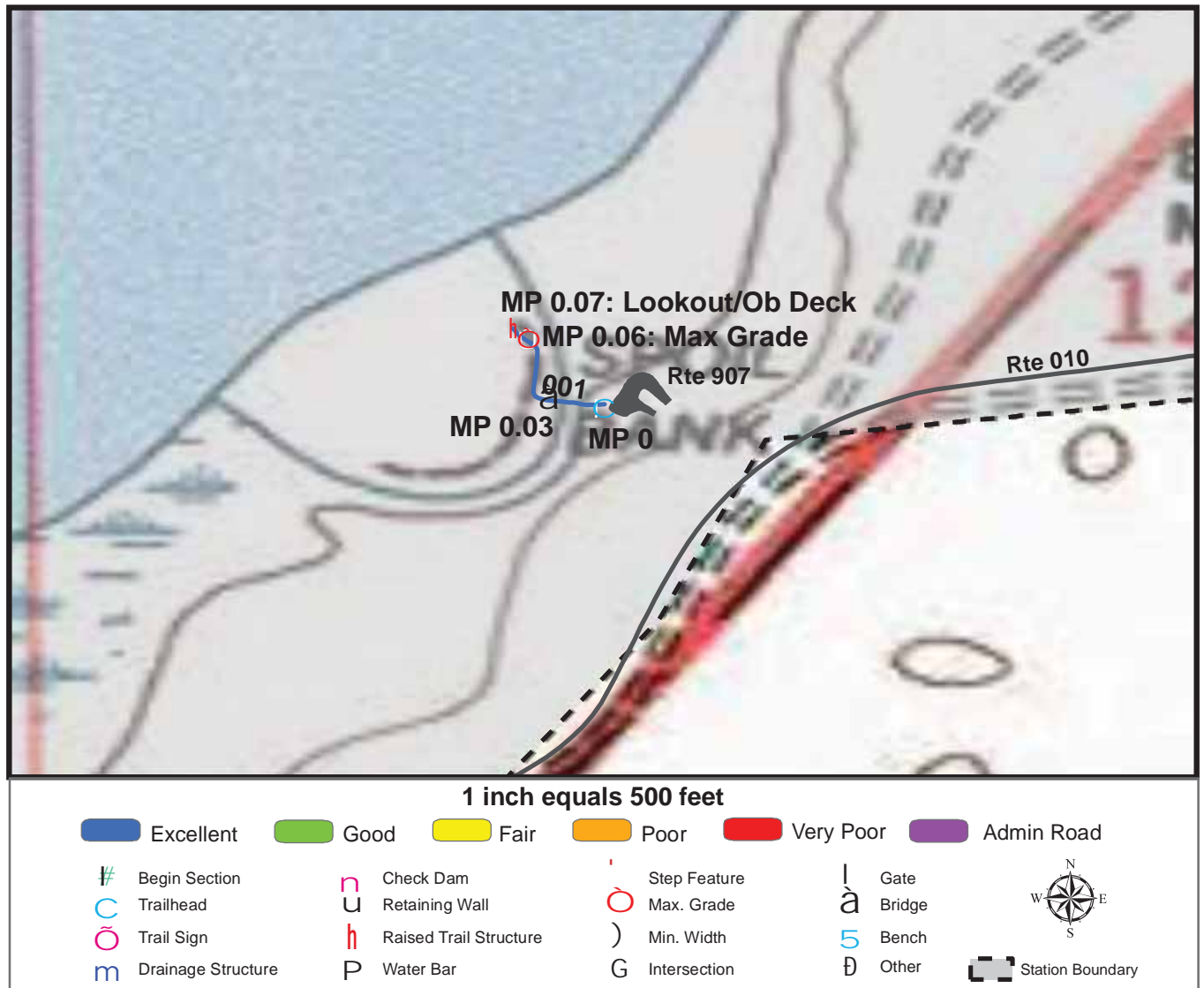
Section Number	001				
Section Length (miles)	0.22				
SAMMS Number					
Rating Date	6/9/2007				
<b>Trail Section Information</b>					
Trail Class	TC3				
Surface Type	Native				
Surface Firmness	Firm				
Width (inches)	36				
Average Grade (%)	20.9				
Average X-slope (%)	3.6				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$18642				
FCI	0				
Condition	Excellent				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$18642	0	Excellent



# TRAIL CONDITION



**Trail Name:** Wildlife Overlook Trail

**Refuge Name:** Tule Lake NWR

**Trail Number:** T400

**Region:** 8

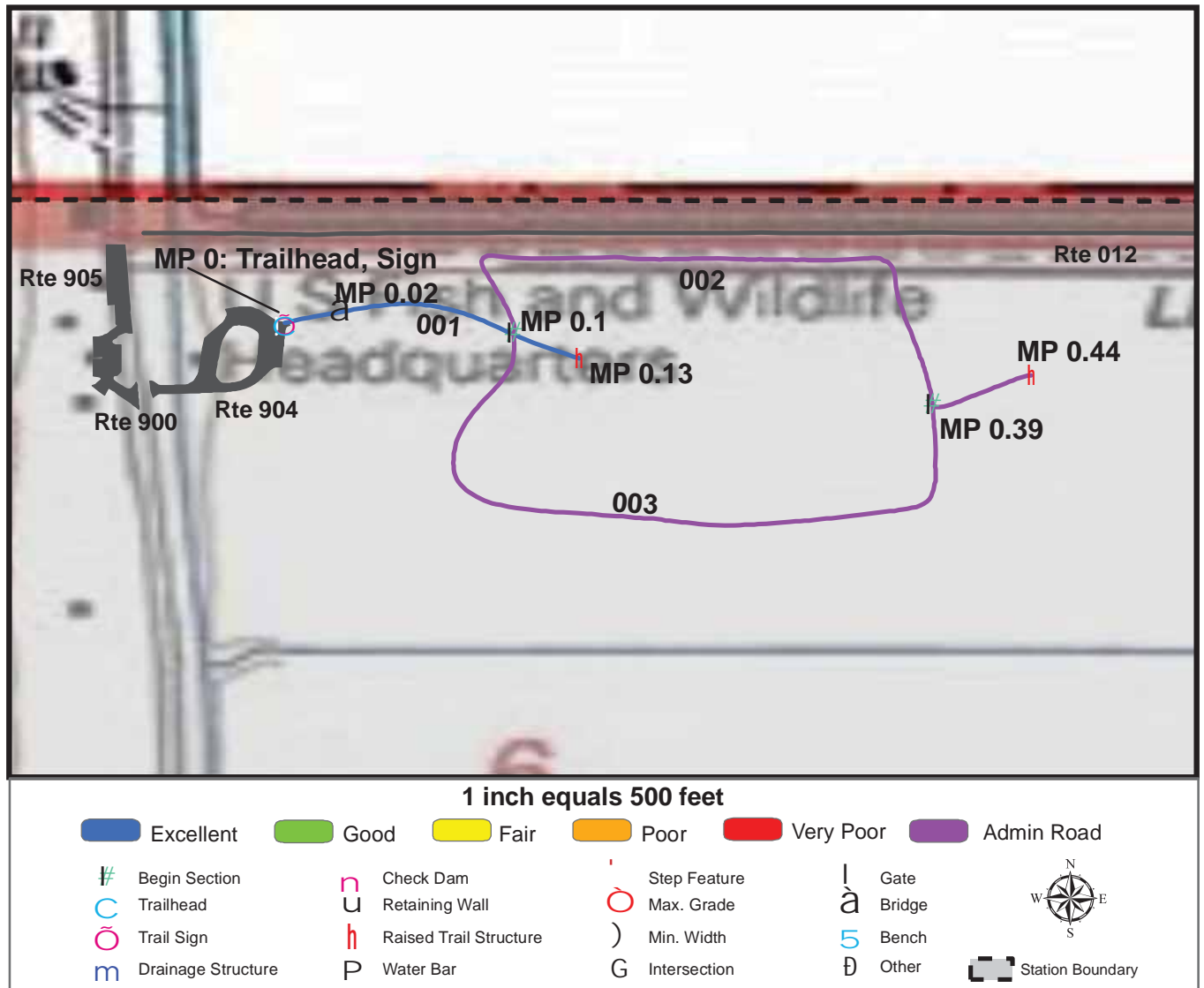
**TOTAL LENGTH:** 0.07 Miles

Section Number	001				
Section Length (miles)	0.07				
SAMMS Number					
Rating Date	6/9/2007				
<b>Trail Section Information</b>					
Trail Class	TC4				
Surface Type	Gravel				
Surface Firmness	Firm				
Width (inches)	72				
Average Grade (%)	4.1				
Average X-slope (%)	1.9				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$28743				
FCI	0				
Condition	Excellent				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$28743	0	Excellent

# TRAIL CONDITION



**Trail Name:** Discovery Marsh Trail

**Refuge Name:** Tule Lake NWR

**Trail Number:** T500

**Region:** 8

**TOTAL LENGTH:** 0.82 Miles

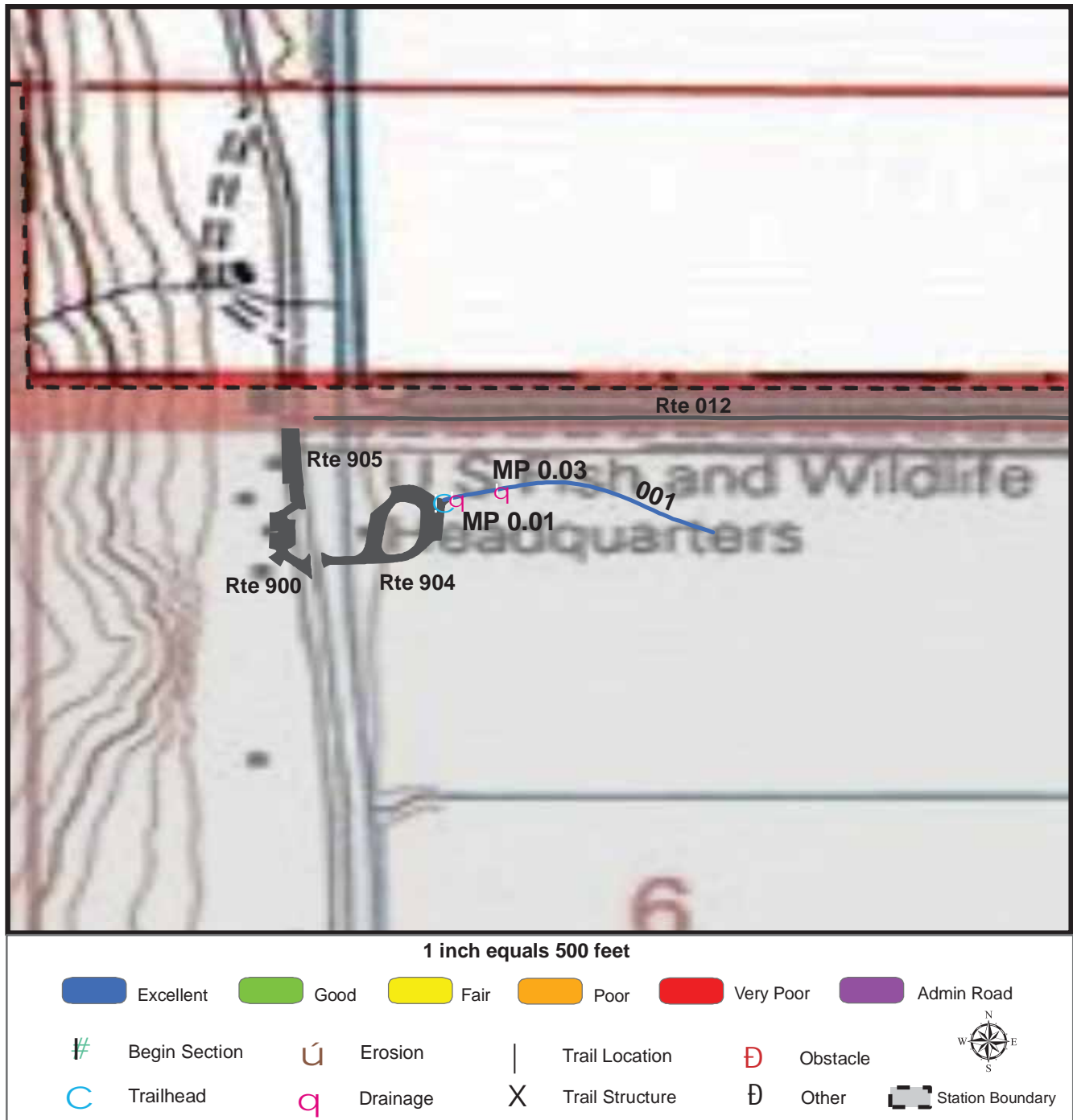
Section Number	001	002	003		
Section Length (miles)	0.13	0.34	0.35		
SAMMS Number					
Rating Date	6/9/2007	6/9/2007	6/9/2007		
<b>Trail Section Information</b>					
Trail Class	TC5	TC4	TC4		
Surface Type	Asphalt	Admin Road	Admin Road		
Surface Firmness	Paved	Hard	Hard		
Width (inches)	101	96	96		
Average Grade (%)	1.3	1.3	1.3		
Average X-slope (%)	1.4	1.4	1.4		
<b>Trail Condition Information</b>					
Deferred Maintenance	\$374	\$0	\$0		
CRV	\$48447	\$0	\$0		
FCI	0.008	0	0		
Condition	Excellent	Not Rated	Not Rated		

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$374	\$48447	0.008	Excellent



# TRAIL DEFICIENCY



**Trail Name:** Discovery Marsh Trail

**Refuge Name:** Tule Lake NWR

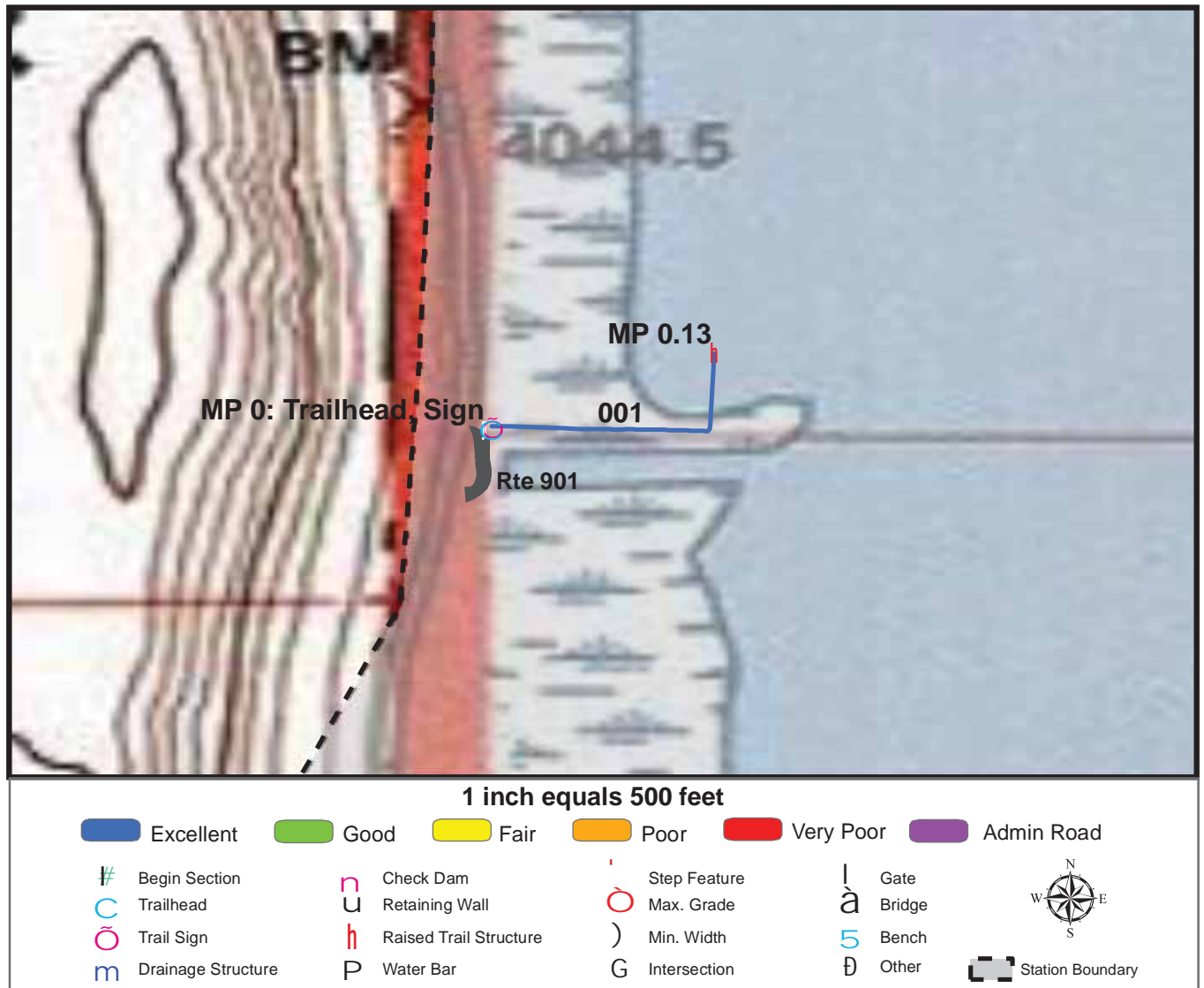
**Trail Number:** T500

**Region:** 8

**TOTAL LENGTH:** 0.82 Miles

Mile Post	0.01	0.03		
Section Number	001	001		
Photo Number	41	42		
Deficiency	Drainage	Drainage		
Action	Repair	Repair		
Item	Tread -sf	Tread -sf		
Quantity	30	45		
Deferred Maintenance	\$160	\$214		

# TRAIL CONDITION



**Trail Name:** Refuge Photo Blind Trail

**Refuge Name:** Tule Lake NWR

**Trail Number:** T501

**Region:** 8

**TOTAL LENGTH:** 0.13 Miles

Section Number	001				
Section Length (miles)	0.13				
SAMMS Number					
Rating Date	6/9/2007				
<b>Trail Section Information</b>					
Trail Class	TC5				
Surface Type	Other				
Surface Firmness	Hard				
Width (inches)	48				
Average Grade (%)	0.9				
Average X-slope (%)	0.3				
<b>Trail Condition Information</b>					
Deferred Maintenance	\$0				
CRV	\$0				
FCI	0				
Condition	Excellent				

## Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Excellent



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tule Lake NWR

DATE: 6/9/2007



Photo # 37 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300**

STATION: Tule Lake NWR

DATE: 6/9/2007



Photo # 38 - MP 0.0 - Sign

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Tule Lake NWR

DATE: 6/9/2007



Photo # 39 - MP 0.03 - Sign (Grouped Feature)

TRAIL NUMBER: **T400**

STATION: Tule Lake NWR

DATE: 6/9/2007



Photo # 62 - MP 0.0 - Trailhead



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**

STATION: Tule Lake NWR

DATE: 6/9/2007



Photo # 63 - MP 0.03 - Bridge

TRAIL NUMBER: **T500**

STATION: Tule Lake NWR

DATE: 6/9/2007



Photo # 41 - MP 0.0 - Trailhead, Drainage Deficiency

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Tule Lake NWR

DATE: 6/9/2007



Photo # 40 - MP 0.0 - Sign (Grouped Feature)

TRAIL NUMBER: **T500**

STATION: Tule Lake NWR

DATE: 6/9/2007



Photo # 42 - MP 0.02 - Bridge, Drainage Deficiency



# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T500**

STATION: Tule Lake NWR

DATE: 6/9/2007



Photo # 43 - MP 0.1 - Begin Section 002

TRAIL NUMBER: **T500**

STATION: Tule Lake NWR

DATE: 6/9/2007



Photo # 44 - MP 0.39 - Begin Section 003

# PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T501**  
STATION: Tule Lake NWR  
DATE: 6/9/2007



Photo # 48 - MP 0.0 - Trailhead

TRAIL NUMBER: **T501**  
STATION: Tule Lake NWR  
DATE: 6/9/2007



Photo # 49 - MP 0.0 - Sign



# APPENDIX

## Glossary of Terms and Abbreviations

<b>Acc Info</b>	Accessibility information available at trailhead.
<b>Action</b>	Action required to correct deficiency.
<b>Admin Road</b>	Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done.
<b>Alt SAMMS</b>	Asset number of Alternate Facility Type.
<b>Alt Type</b>	Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number.
<b>AvgGrade</b>	The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
<b>AvgSlope</b>	The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
<b>Check Dam</b>	A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows.
<b>Condition</b>	Subjective rating of trail based on Facility Condition Index (FCI): FCI $\leq$ .01 = Excellent FCI .011 - .05 = Good FCI .051 - .10 = Fair FCI .11 - .20 = Poor FCI $>$ .20 = Very Poor
<b>Crib Wall</b>	Retaining wall.
<b>Current Replacement Value (CRV)</b>	The value of an asset determined by the estimated cost of replacing it.
<b>Def type</b>	Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other.

<b>Deferred Maintenance (DM)</b>	Maintenance that was not performed when scheduled.
<b>Elem ID</b>	Unique identifier for each trail section: Org Code-Trail Number-Section Number.
<b>Facility Condition Index (FCI)</b>	DM/CRV
<b>Grouped Features</b>	Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary. CRV for grouped features are included in whatever trail section the GPS point was taken.
<b>Info Type</b>	Type of accessibility information available at trailhead: brochure, sign or other.
<b>Item</b>	Item on which the “Action” (see above) will be performed.
<b>Manage_Use</b>	Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER.
<b>Max Grade</b>	Maximum grade (in percent) of trail. Only collected for Trail Classes 4 and 5 and when > 10%.
<b>Min Width</b>	Minimum Width (inches) of trail. Only collected for Trail Classes 4 and 5.
<b>MP (Milepost)</b>	Distance, in miles, of a trail feature or deficiency from the Trailhead.
<b>Puncheon</b>	Log footbridge used in area of poor drainage.
<b>Raised Trail Structure</b>	Boardwalk, Turnpike, Puncheon.
<b>SAMMS No</b>	Asset Number



<b>Station Boundary</b>	Approved Acquisition Boundary files downloaded from FWS website in March 2007.
<b>T Class</b>	Trail Class: TC1-5 (see Trail Classification System for descriptions).
<b>Tr Desig</b>	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
<b>Trail No</b>	Trails are numbered based on Trail Class at the trailhead. TC 1 = T100 series, TC2 = T200 series, etc.
<b>Turnpike</b>	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.



## Trail Classification

Trail Attributes	Trail Class 1 Minimal/Undeveloped Trail	Trail Class 2 Simple/Minor Development Trail	Trail Class 3 Developed/Improved Trail	Trail Class 4 Highly Developed Trail	Trail Class 5 Fully Developed Trail
<b>General Criteria</b> Physical Characteristics to be Applied to All National Forest System Trails					
<b>Tread &amp; Traffic Flow</b>	<ul style="list-style-type: none"> <li>•Tread intermittent and often indistinct</li> <li>•May require route finding</li> <li>•Native materials only</li> </ul>	<ul style="list-style-type: none"> <li>•Tread discernible and continuous, but narrow and rough</li> <li>•Few or no allowances constructed for passing</li> <li>•Native materials</li> </ul>	<ul style="list-style-type: none"> <li>•Tread obvious and continuous</li> <li>•Width accommodates unhindered one-lane travel (occasional allowances constructed for passing)</li> <li>•Typically native materials</li> </ul>	<ul style="list-style-type: none"> <li>•Tread wide and relatively smooth with few irregularities</li> <li>•Width may consistently accommodate two-lane travel</li> <li>•Native or imported materials</li> <li>•May be hardened</li> </ul>	<ul style="list-style-type: none"> <li>•Width generally accommodates two-lane and two-directional travel, or provides frequent passing turnouts</li> <li>•Commonly hardened with asphalt or other imported material</li> </ul>
<b>Obstacles</b>	<ul style="list-style-type: none"> <li>•Obstacles common</li> <li>•Narrow passages; brush, steep grades, rocks and logs present</li> </ul>	<ul style="list-style-type: none"> <li>•Obstacles occasionally present</li> <li>•Blockages cleared to define route and protect resources</li> <li>•Vegetation may encroach into trailway</li> </ul>	<ul style="list-style-type: none"> <li>•Obstacles infrequent</li> <li>•Vegetation cleared outside of trailway</li> </ul>	<ul style="list-style-type: none"> <li>•Few or no obstacles exist</li> <li>•Grades typically &lt;12%</li> <li>•Vegetation cleared outside of trailway</li> </ul>	<ul style="list-style-type: none"> <li>•No obstacles</li> <li>•Grades typically &lt;8%</li> </ul>
<b>Constructed Features &amp; Trail Elements</b>	<ul style="list-style-type: none"> <li>•Minimal to non-existent</li> <li>•Drainage is functional</li> <li>•No constructed bridges or foot crossings</li> </ul>	<ul style="list-style-type: none"> <li>•Structures are of limited size, scale, and number</li> <li>•Drainage functional</li> <li>•Structures adequate to protect trail infrastructure and resources</li> <li>•Primitive foot crossings and fords</li> </ul>	<ul style="list-style-type: none"> <li>•Trail structures (walls, steps, drainage, raised trail) may be common and substantial</li> <li>•Trail bridges as needed for resource protection and appropriate access</li> <li>•Generally native materials used in Wilderness</li> </ul>	<ul style="list-style-type: none"> <li>•Structures frequent and substantial</li> <li>•Substantial trail bridges are appropriate at water crossings</li> <li>•Trailside amenities may be present</li> </ul>	<ul style="list-style-type: none"> <li>•Structures frequent or continuous; may include curbs, handrails, trailside amenities, and boardwalks</li> <li>•Drainage structures frequent; may include culverts and road-like designs</li> </ul>
<b>Signs</b>	<ul style="list-style-type: none"> <li>•Minimum required</li> <li>•Generally limited to regulation and resource protection</li> <li>•No destination signs present</li> </ul>	<ul style="list-style-type: none"> <li>•Minimum required for basic direction</li> <li>•Generally limited to regulation and resource protection</li> <li>•Typically very few or no destination signs present</li> </ul>	<ul style="list-style-type: none"> <li>•Regulation, resource protection, user reassurance</li> <li>•Directional signs at junctions, or when confusion is likely</li> <li>•Destination signs typically present</li> <li>•Informational and interpretive signs may be present outside of Wilderness</li> </ul>	<ul style="list-style-type: none"> <li>•Wide variety of signs likely present</li> <li>•Informational signs likely (outside of Wilderness)</li> <li>•Interpretive signs possible (outside of Wilderness)</li> <li>•Trail Universal Access information likely displayed at trailhead</li> </ul>	<ul style="list-style-type: none"> <li>•Wide variety of signage is present</li> <li>•Information and interpretive signs likely</li> <li>•Trail Universal Access information is typically displayed at trailhead</li> <li>•</li> </ul>
<b>Typical Recreation Environments &amp; Experience<sup>2</sup></b>	<ul style="list-style-type: none"> <li>•Natural, unmodified</li> <li>•ROS: Often Primitive setting, but may occur in other ROS settings</li> <li>•WROS: Primitive</li> </ul>	<ul style="list-style-type: none"> <li>•Natural, essentially unmodified</li> <li>•ROS: Typically Semi-Primitive setting</li> <li>•WROS: Primitive to Semi-Primitive</li> </ul>	<ul style="list-style-type: none"> <li>•Natural, primarily unmodified</li> <li>•ROS: Typically Semi-Primitive to Roaded Natural setting</li> <li>•WROS: Semi-Primitive to Transition</li> </ul>	<ul style="list-style-type: none"> <li>•May be modified</li> <li>•ROS: Typically Roaded Natural to Rural setting</li> <li>•WROS: Transition (rarely present in Wilderness)</li> </ul>	<ul style="list-style-type: none"> <li>•Can be highly modified</li> <li>•ROS: Typically Rural to Urban setting</li> <li>•Commonly associated with Visitor Centers or high-use recreation sites</li> <li>•Not present in Wilderness</li> </ul>

Note: Trail Class descriptions define "typical" attributes, and exceptions may occur for any attribute.