

The Trail Inventory of Sand Lake National Wildlife Refuge Columbia, South Dakota



**Prepared By:
Federal Highway Administration
Central Federal Lands Highway Division
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Sand 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%		0%		0%		0%		0%		0%	0.00
Gravel		0%		0%		0%		0%	0.16	8%		0%	0.16
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	1.92	92%		0%		0%		0%		0%		0%	1.92
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	1.92	92%	0.00	0%	0.00	0%	0.00	0%	0.16	8%	0.00	0%	2.08

Trail Miles and Percentages by Trail Classification and Condition

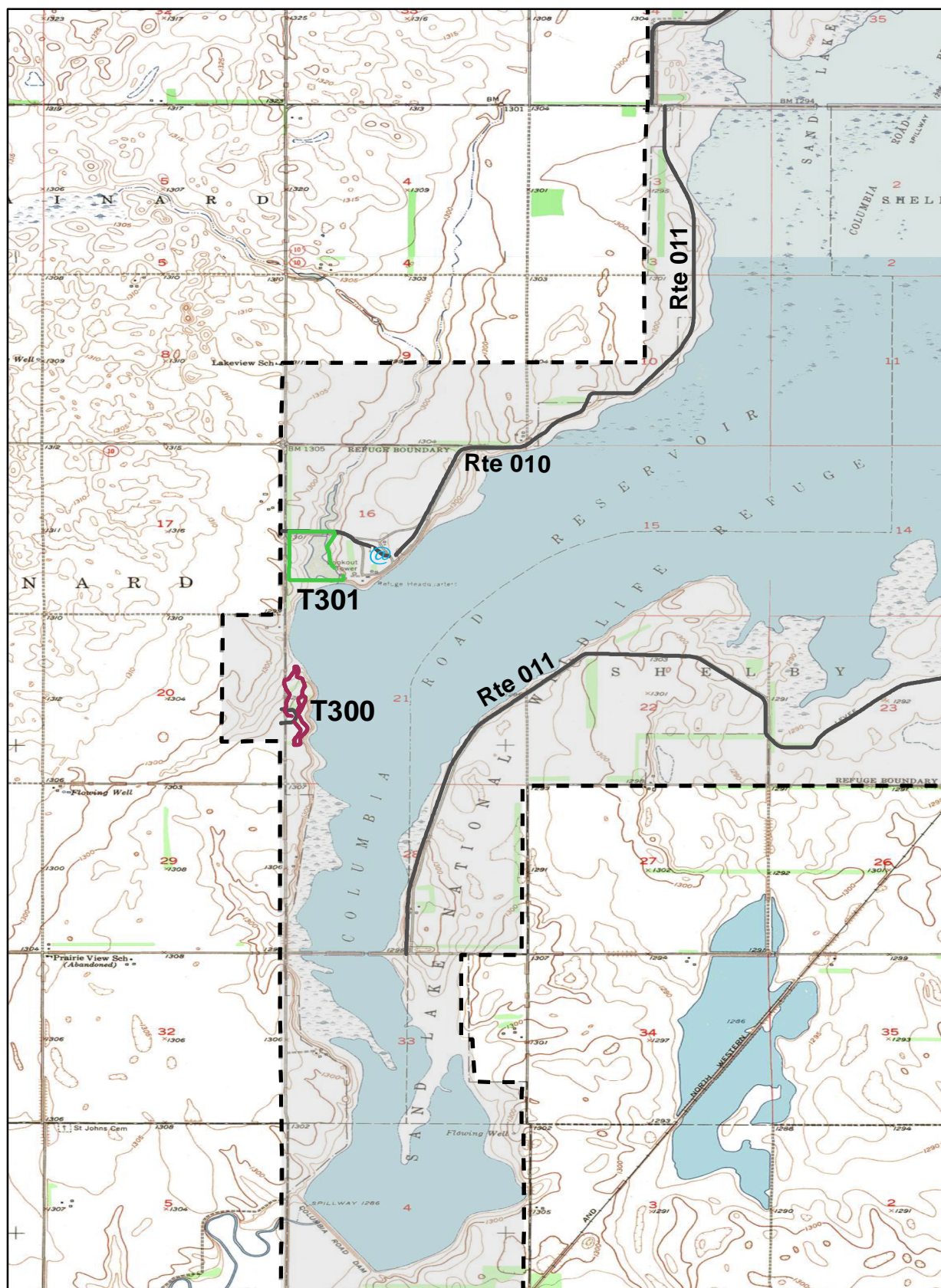
Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	1.92	92%		0%		0%		0%	0.16	8%		0%	2.08
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	1.92	92%	0.00	0%	0.00	0%	0.00	0%	0.16	8%	0.00	0%	2.08

* 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	1588
T300	Sign	1	No	0.02	1590
T300	Boardwalk -lf	90	No	0.29	1593
T300	Sign	1	No	0.34	1594
T300	Bench	1	No	0.36	N/A
T300	Sign	1	No	0.36	1596
T300	Bench	1	No	0.81	N/A
T301	Sign	2	Yes	N/A	1599
T301	Sign	3	No	0.18	1601
T301	Sign	2	No	0.41	1605
T301	Bridge -sf	150	No	0.88	1612
sf-square feet lf-linear feet cf-cubic feet					

SAND LAKE NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



Station Boundary

0 1 2 Miles



@ HQ/VC

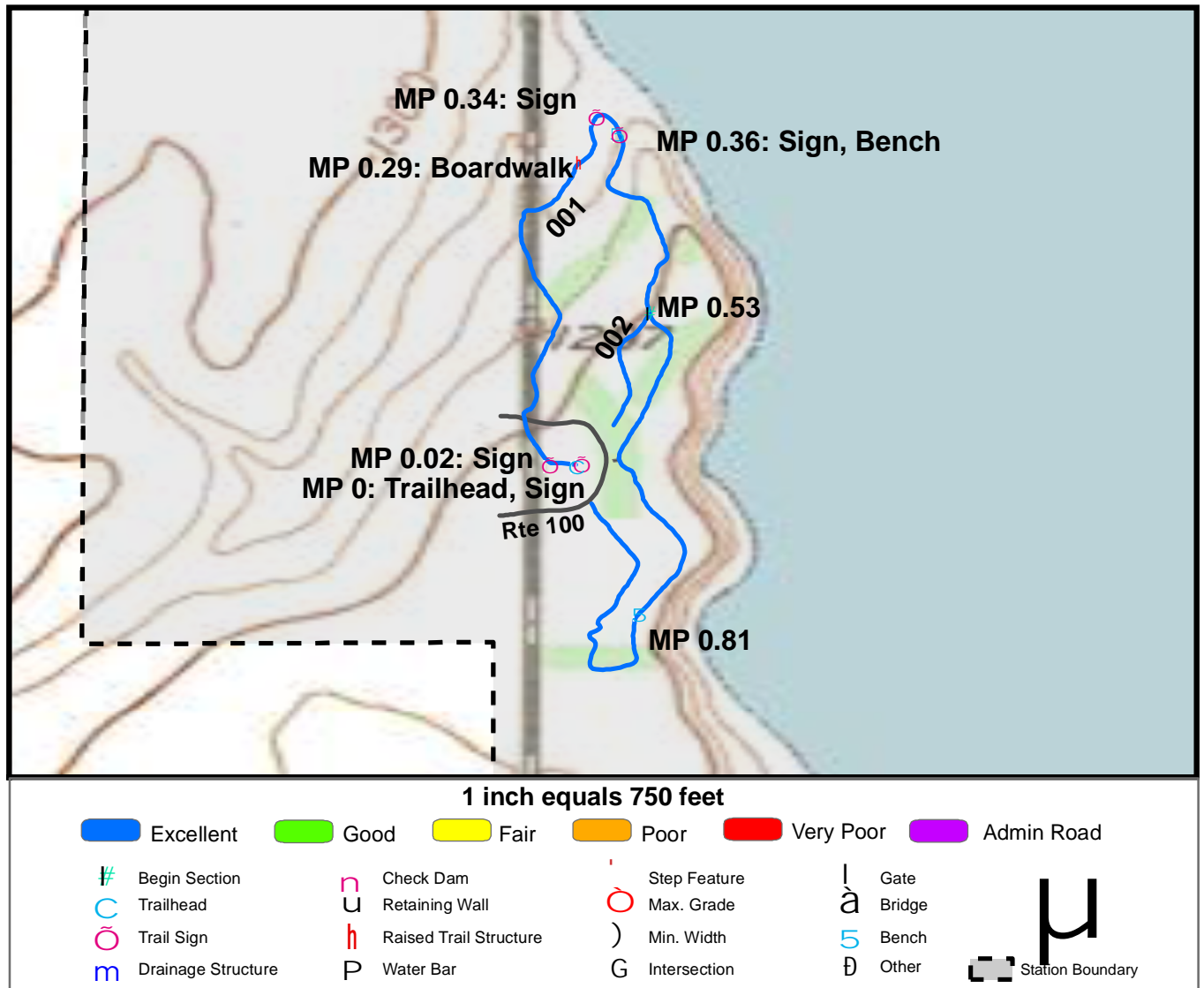
TRAILS ID

Station Name: Sand Lake NWR

Org. Code: 64570

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Prarie Winds Trail	Mowed	N/A	1.14	From trailhead to end of trail loop at Sand Lake Rec. Area (Rte 100)
T301	Sand Lake Display Pool EE Trail	Mowed, Gravel	N/A	0.94	From Trailhead to end of trail loop

TRAIL CONDITION



Trail Name: Prairie Winds Trail

Refuge Name: Sand Lake NWR

Trail Number: T300

Region: 6

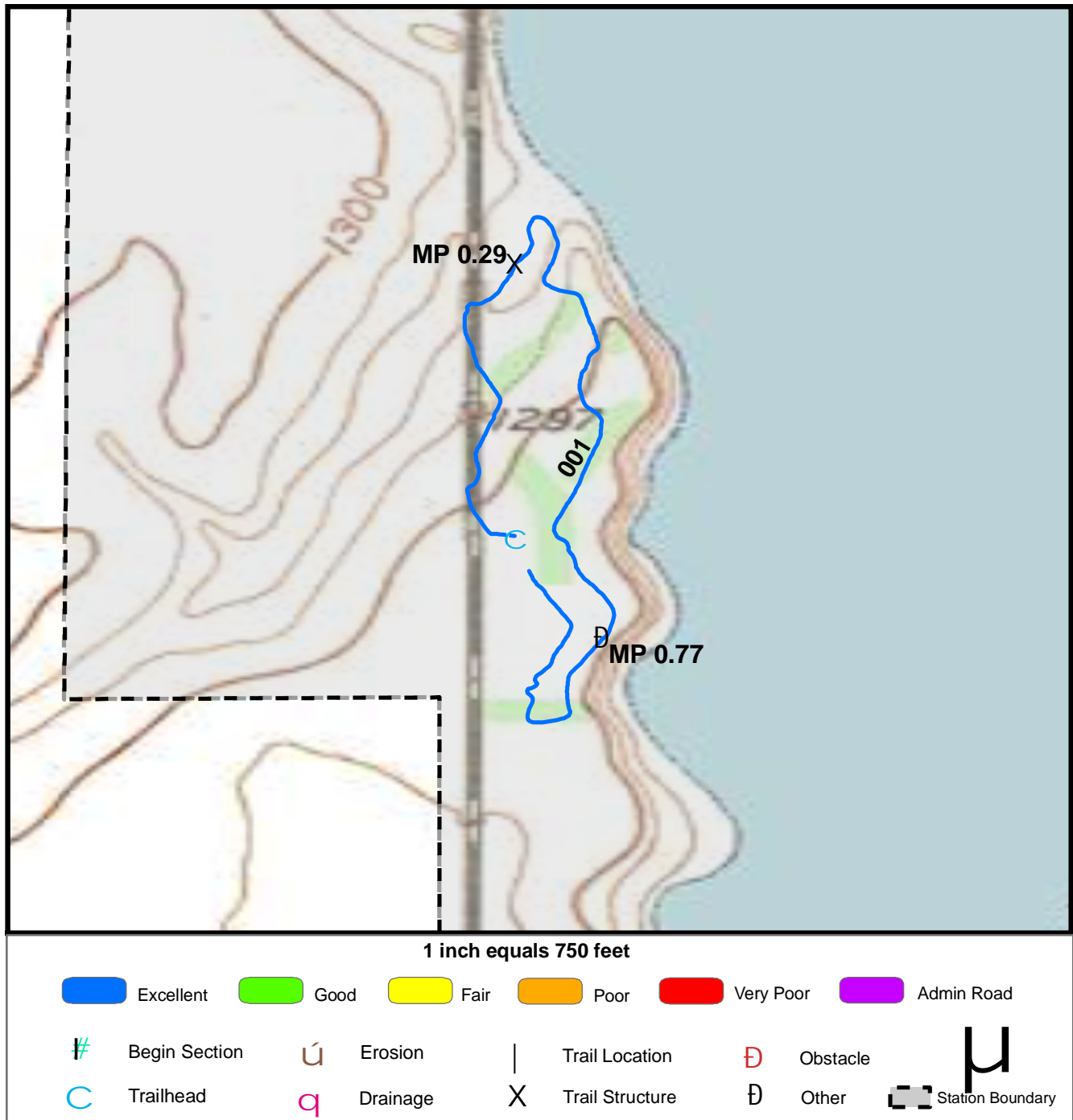
TOTAL LENGTH: 1.14 Miles

Section Number	001	002			
Section Length (miles)	1.04	0.1			
SAMMS Number	N/A	N/A			
Rating Date	5/16/2007	5/16/2007			
Trail Section Information					
Trail Class	TC3	TC3			
Surface Type	Mowed	Mowed			
Surface Firmness	Firm	Firm			
Width (inches)	48	60			
Average Grade (%)	1.9	1.9			
Average X-slope (%)	4.9	4.9			
Trail Condition Information					
Deferred Maintenance	\$215	\$0			
CRV	\$30526	\$3248			
FCI	0.007	0			
Condition	Excellent	Excellent			

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$215	\$33774	0.006	Excellent

TRAIL DEFICIENCY



Trail Name: Prairie Winds Trail

Refuge Name: Sand Lake NWR

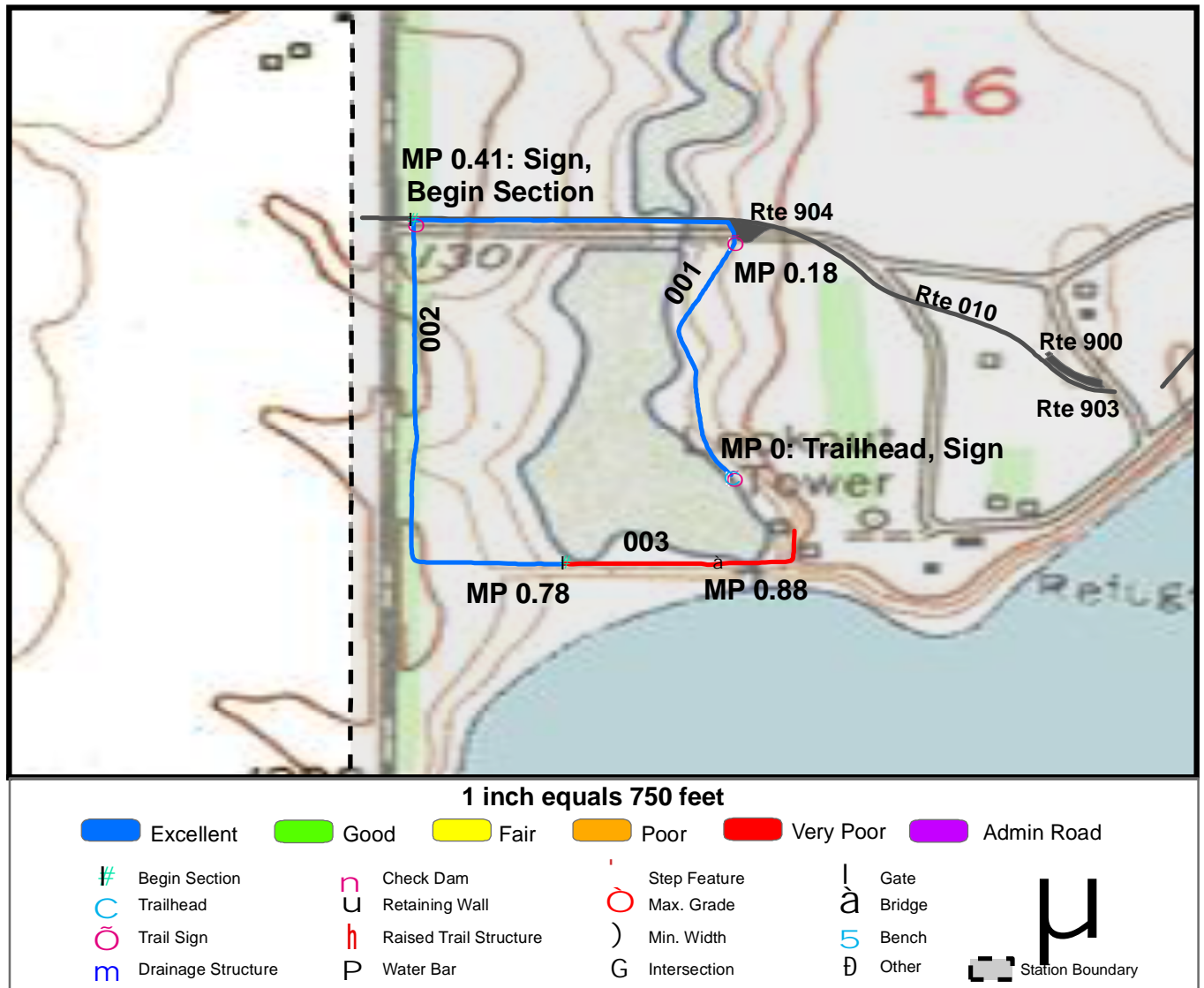
Trail Number: T300

Region: 6

TOTAL LENGTH: 1.14 Miles

Mile Post	0.29	0.77		
Section Number	001	001		
Photo Number	1592	1598		
Deficiency	Trail Structure	Other		
Action	Replace	Repair		
Item	Boardwalk -lf	Tread -sf		
Quantity	2	25		
Deferred Maintenance	\$150	\$65		

TRAIL CONDITION



Trail Name: Sand Lake Display Pool EE Trail

Refuge Name: Sand Lake NWR

Trail Number: T301

Region: 6

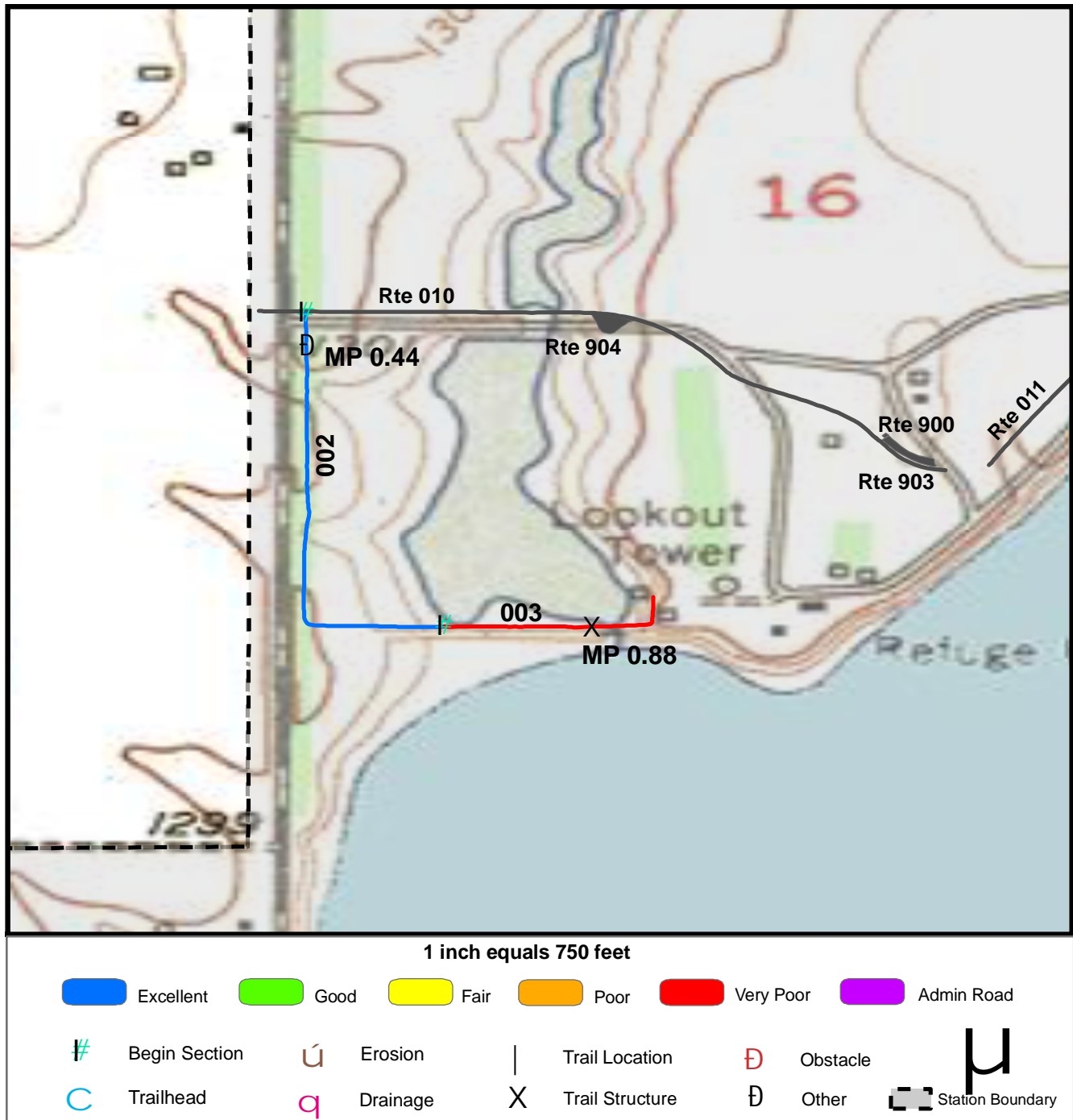
TOTAL LENGTH: 0.94 Miles

Section Number	001	002	003		
Section Length (miles)	0.41	0.37	0.16		
SAMMS Number	N/A	N/A	N/A		
Rating Date	5/16/2007	5/16/2007	5/16/2007		
Trail Section Information					
Trail Class	TC3	TC3	TC3		
Surface Type	Mowed	Mowed	Gravel		
Surface Firmness	Firm	Firm	Firm		
Width (inches)	60	96	96		
Average Grade (%)	2.1	2.1	2.1		
Average X-slope (%)	1.6	1.6	1.6		
Trail Condition Information					
Deferred Maintenance	\$0	\$142	\$11955		
CRV	\$13305	\$19384	\$45292		
FCI	0	0.007	0.264		
Condition	Excellent	Excellent	Very Poor		

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$12097	\$77981	0.155	Poor

TRAIL DEFICIENCY



Trail Name: Sand Lake Display Pool EE Trail

Refuge Name: Sand Lake NWR

Trail Number: T301

Region: 6

TOTAL LENGTH: 0.94 Miles

Mile Post	0.44	0.88		
Section Number	002	003		
Photo Number	1607	1612		
Deficiency	Other	Trail Structure		
Action	Repair	Replace		
Item	Tread -sf	Bridge -sf		
Quantity	150	150		
Deferred Maintenance	\$142	\$11955		

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1589 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1588 - MP 0.0 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1590 - MP 0.02 - Sign

TRAIL NUMBER: **T300**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1592 - MP 0.29 - Trail Structure Deficiency

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1593 - MP 0.29 - Boardwalk

TRAIL NUMBER: **T300**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1594 - MP 0.34 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1596 - MP 0.36 - Sign

TRAIL NUMBER: **T300**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1597 - MP 0.53 - Begin Section 002

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1598 - MP 0.77 - Other Deficiency

TRAIL NUMBER: **T301**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1600 - MP 0.0 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1599 - MP 0.0 - Sign (Grouped Feature)

TRAIL NUMBER: **T301**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1601 - MP 0.18 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1605 - MP 0.41 - Sign

TRAIL NUMBER: **T301**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1606 - MP 0.41 - Begin Section 002

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T301**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1607 - MP 0.44 - Other Deficiency

TRAIL NUMBER: **T301**

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1610 - MP 0.78 - Begin Section 003

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Sand Lake NWR

DATE: 5/16/2007



Photo # 1612 - MP 0.88 - Trail Structure Deficiency, Bridge