

TABLE OF CONTENTS

CHAPTER

PAGE

1.	MN STATE SUMMARY	
	Table of Contents	1-1
	List of Refuges	1-2
	Mileage by Trail Class, Condition, and Surface	1-3

2-13. **REFUGE SUMMARIES**

Mileage by Trail Class, Condition, and Surface	X-1
Trail Location Map	X-2
Trail Identification	X-3
Condition and Deficiency Sheets	X-4
Photographic Sheets	X-5

14.APPENDIX
Glossary of Terms and Abbreviations14-1Trail Classification System14-4

FWS Stations in Minnesota with Trails

Station Name	Trail Miles	Chapter
Agassiz NWR	1.54	2
Big Stone NWR	1.08	3
Crane Meadows NWR	3.71	4
Detroit Lakes WMD	1.20	5
Fergus Falls WMD	4.10	6
Hamden Slough NWR	0.23	7
Minnesota Valley NWR	27.50	8
Morris WMD	2.42	9
Rydell NWR	4.93	10
Sherburne NWR	9.43	11
Tamarac NWR	14.15	12
Windom WMD	1.22	13

Minnesota FWS Stations Trail Summaries

					Milea	age by T	rail Cond	dition					Total
Trail Surface	Exce	ellent	Go	Good		Fair		Poor		Very Poor		lated*	Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	WIIIC5
Native	9.92	14%	0.45	1%	1.03	1%	2.43	3%	0.55	1%		0%	14.38
Gravel	7.14	10%	0.20	0%		0%		0%		0%		0%	7.34
Asphalt	4.42	6%	0.07	0%	0.07	0%		0%		0%		0%	4.56
Concrete	0.23	0%		0%		0%		0%		0%		0%	0.23
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	21.26	30%	0.67	1%		0%		0%		0%		0%	21.93
Admin Road		0%		0%		0%		0%		0%	21.70	30%	21.70
Other		0%		0%		0%		0%		0%	0.76	1%	0.76
Totals	43.58	61%	1.39	2%	1.10	2%	2.43	3%	0.55	1%	22.46	31%	71.51

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

Trail		Mileage by Trail Condition											Total
Classificatio	Exce	ellent	Go	od	Fa	air	Po	oor	Very	Poor	Not R	lated*	Miles
n	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIe3
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2	7.79	11%		0%		0%		0%		0%		0%	7.79
TC3	19.77	28%	1.12	2%		0%	2.43	3%	0.55	1%	12.65	18%	36.52
TC4	11.68	16%	0.20	0%	1.03	1%		0%		0%	9.81	14%	22.72
TC5	4.34	6%	0.07	0%	0.07	0%		0%		0%		0%	4.48
Totals	43.58	61%	1.39	2%	1.10	2%	2.43	3%	0.55	1%	22.46	31%	71.51

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

The Trail Inventory of Agassiz National Wildlife Refuge Middle River, Minnesota





Prepared By: Federal Highway Administration Central Federal Lands Highway Division July, 2006



Agassiz NWR Trail and Trail Feature Summaries

					Milea	age by T	rail Con	dition					Total
Trail Surface	Exce	Excellent Good		Fa	Fair F		Poor Vei		ry Poor No		Rated*	Miles	
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIC3
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel	0.52	34%		0%		0%		0%		0%		0%	0.52
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	1%		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	0.43	28%		0%		0%		0%		0%		0%	0.43
Admin Road		0%		0%		0%		0%		0%	0.57	37%	0.57
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.97	63%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.57	37%	1.54

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

Trail		Mileage by Trail Condition											Total
Classificatio	Exce	ellent	Go	od	Fair Poor		Very Poor		Not Rated*		Miles		
n	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIE5
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2		0%		0%		0%		0%		0%		0%	0.00
TC3	0.43	28%		0%		0%		0%		0%		0%	0.43
TC4	0.54	35%		0%		0%		0%		0%	0.57	37%	1.11
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	0.97	63%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.57	37%	1.54

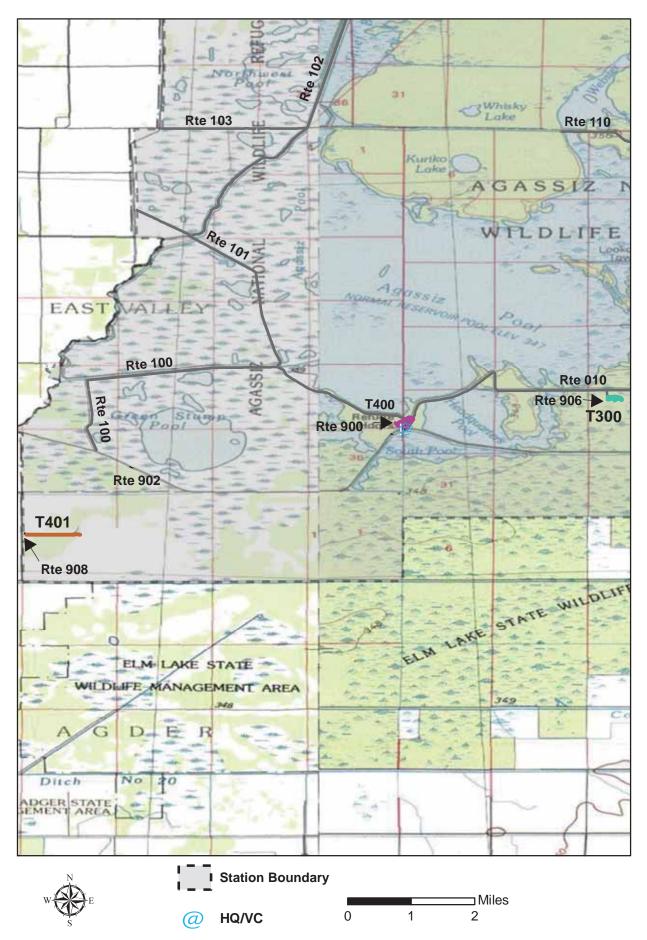
* Admin Roads are included in the inventory but are not rated for condition.

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	1	No	0.00	1045
T300	Bench	1	No	0.17	N/A
T400	Sign	1	No	0.00	1038
T400	Sign	18	Yes	N/A	1039
T400	Bench	1	No	0.01	N/A
T400	Bench	1	No	0.05	
T400	Bench	1	No	0.10	N/A
T400	Bench	1	No	0.28	N/A
T400	Culvert -If	10	No	0.29	N/A
T400	Bench	1	No	0.32	N/A
T400	Culvert -If	10	No	0.39	N/A
T400	Bench	1	No	0.40	N/A
T400	Lookout/Ob Deck	1	No	0.42	N/A
T401	Sign	1	No	0.00	1051
T401	Gate	1	No	0.00	N/A
T401	Bench	1	No	0.31	N/A
T401	Lookout/Ob Deck	1	No	0.57	N/A
T401	Bench	1	No	0.57	N/A
sf-square feet If-linear feet					

cf-cubic feet

AGASSIZ NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



Station Name: Agassiz National Wildlife Refuge

Org. Code: 32510

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Maakstad Trail	Mowed	10042686	0.43	From Maakstad Trail parking (Rte 906) to Maakstad Trail Access Road (Rte 114)
T400	Headquarters Hiking Trail	Gravel, Boardwalk	10011208	0.54	From Headquarters to headquarters parking (Rte 900)
T401	Rodahl Trail	Admin Road	N/A	0.57	From South Hunter Parking (Rte 908) to end of trail

	-					
	1.1	-			-	
a martine with			-			-
Contraction of the second	R	Rte 010	1000	-	- and the	
Statement of the local division of the local		Charters	No. of Concession, Name	Concession in which the	A REAL PROPERTY.	
	1.1	_	-	1000	-	100
	Rte	-		-		
	9 114					-
	4		003			
	-	\sim		1 2m		11.0
The second second	Rte 906	001	002	0	1 Bargar	-
MP 0: Tr	ailhead.	MP 0.0			10	all for
SX AL	Sign	-		0.17 MP 0.	19	-
11.		0			-	a set
all and a	-	1	-		_	-
/11	1	1000	1			
6	1.00				-	-
S	1.	-	-	1000		-
1. 1	-			-	-	
	-	-	and in			-
f.an					-	
		inch equals			—	
Excellent	Good	Fair	Poor 🧧	Very Poor	Admin I	Road
	Check Dam		Step Feature	∎ Gat À Brid	will	E E
C Trailhead	 Retaining Wa Raised Trail S 	•	Max. Grade	a Brid		
m Drainage Structure	P Water Bar		Intersection	Đ Oth		
Trail Name: Maakstad Trail		Pofua	Namo: Agoo			
Trail Number: T300			e Name: Agass Region: 3	SIZ INVVR		
Section Number		001	002	003	TOTAL LENG	TH: 0.43 Miles
Section Length (miles)		0.1	0.14	0.19		
SAMMS Number		10042686	10042686	10042686		
Rating Date		7/11/2006	7/11/2006	7/11/2006		
Trail Section Information Trail Class	ו	TC3	тсз	TC3		
Surface Type		Mowed	Mowed	Mowed		
Surface Firmness		Firm	Firm	Firm		
Width (inches)		72	72	93		
Average Grade (%)		2.8	2.8	2.8		
Average X-slope (%)		2.8	2.8	2.8		
Trail Condition Informati Deferred Maintenance	on	\$0	\$0	\$0		
CRV		\$4200	\$5500	\$9600		
FCI		0	0	0		
Condition		Excellent	Excellent	Excellent		
	Ті	rail Conditi	ion TOTALS	5		
Deferred						

Deferred Maintenance	CRV	FCI	Condition
\$0	\$19300	0	Excellent

Rte 101 MP 0.42 MP 0.4 MP 0.4: Begin Sec	MP 42 tion, 0	MP 0.29 0.32 0.39 03 8te 900	MP 0.0	001 MP 0.1 IP 0.05 P 0.01 1: Sign	out	Tow
Rte 901	1 Good	inch equals	214	ad,	8 Admin	Road
 Begin Section Trailhead Trail Sign 		، ۱	Step Feature Max. Grade Min. Width	Ga Brid	te dge ^W	
Trail Name: Headquarters Hiking	g Trail		Name: Agass	siz NWR		
Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information Trail Class Surface Type Surface Firmness Width (inches)		001 0.42 10011208 7/11/2006 TC4 Gravel Hard 89	Region: 3 002 0.02 10011208 7/11/2006 TC4 Boardwalk Hard 60 2.1	003 0.1 10011208 7/11/2006 TC4 Gravel Hard 80	TOTAL LENG	GTH: 0.54 Miles
Average Grade (%) Average X-slope (%) Trail Condition Informatio Deferred Maintenance CRV FCI Condition	on	2.1 1.9 \$0 \$93800 0 Excellent	2.1 1.9 \$0 \$12900 0 Excellent	2.1 1.9 \$0 \$18500 0 Excellent		
	Tr		on TOTALS		1	
Deferred				-		

Deferred Maintenance	CRV	FCI	Condition
\$0	\$125200	0	Excellent

	8	0	E	
				10
Rte 908	001	MP 0.31	n"	
MP 0: Trai Sign, G		5		IP 0.57: Bench, bokout/Ob Deck
		uals 1,000 feet		
	Good Eair	Poor Poor	Very Poor	Admin Road
Begin Section		Step Feature Max. Grade	∎ Gate à Bridge	WE
\tilde{O} Trail Sign	Raised Trail Structure	Min. Width	5 Bench	S
m Drainage Structure	D Water Bar	G Intersection	Đ Other	Station Boundary
Trail Name: Rodahl Trail	Re	fuge Name: Agassi	iz NWR	
Trail Number: T401		Region: 3		L LENGTH: 0.57 Mile
Section Number Section Length (miles) SAMMS Number Rating Date	001 0.57 N/A 7/11/200	06		
Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%)	TC4 Admin Ro Hard 114 2 2			
Trail Condition Informatic Deferred Maintenance CRV FCI	50 \$0 0			
Condition	Not Rate			
	Trail Con	dition TOTALS	·	

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

TRAIL NUMBER: **T300** STATION: Agassiz NWR DATE: 7/11/2006



Photo # 1046 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300** STATION: Agassiz NWR DATE: 7/11/2006



Photo # 1045 - MP 0.0 - Sign

TRAIL NUMBER: **T300** STATION: Agassiz NWR DATE: 7/11/2006



Photo # 1047 - MP 0.09 - Begin Section 002

TRAIL NUMBER: **T300** STATION: Agassiz NWR DATE: 7/11/2006



Photo # 1048 - MP 0.19 - Begin Section 003

TRAIL NUMBER: **T400** STATION: Agassiz NWR DATE: 7/11/2006



Photo # 1037 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400** STATION: Agassiz NWR DATE: 7/11/2006



Photo # 1038 - MP 0.0 - Sign

TRAIL NUMBER: **T400** STATION: Agassiz NWR DATE: 7/11/2006



Photo # 1039 - MP 0.01 - Sign (Grouped feature)

TRAIL NUMBER: **T400** STATION: Agassiz NWR DATE: 7/11/2006



Photo # 1043 - MP 0.4 - Begin Section 003

TRAIL NUMBER: **T400** STATION: Agassiz NWR DATE: 7/11/2006



Photo # 1040 - MP 0.42 - Begin Section 002

TRAIL NUMBER: **T401** STATION: Agassiz NWR DATE: 7/11/2006



Photo # 1050 - MP 0.0 - Trailhead

TRAIL NUMBER: **T401** STATION: Agassiz NWR DATE: 7/11/2006



Photo # 1051 - MP 0.0 - Sign

The Trail Inventory of Big Stone National Wildlife Refuge Odessa, Minnesota





Prepared By: Federal Highway Administration Central Federal Lands Highway Division July, 2006



Big Stone NWR Trail and Trail Feature Summaries

					Milea	age by T	rail Con	dition					Total
Trail Surface	Exce	ellent	Go	Good		air	Po	or	Very Poor		Not F	Rated*	Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	Nines
Native	0.84	78%		0%		0%		0%		0%		0%	0.84
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt	0.12	11%		0%		0%		0%		0%		0%	0.12
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	0.12	11%		0%		0%		0%		0%		0%	0.12
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	1.08	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.08

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

Trail					Milea	age by T	rail Con	dition					Total
Classificatio	Exce	ellent	Go	od	Fa	Fair Poor		Very	Poor	Not Rated*		Miles	
n	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIE5
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2	0.84	78%		0%		0%		0%		0%		0%	0.84
TC3	0.12	11%		0%		0%		0%		0%		0%	0.12
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5	0.12	11%		0%		0%		0%		0%		0%	0.12
Totals	1.08	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.08

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

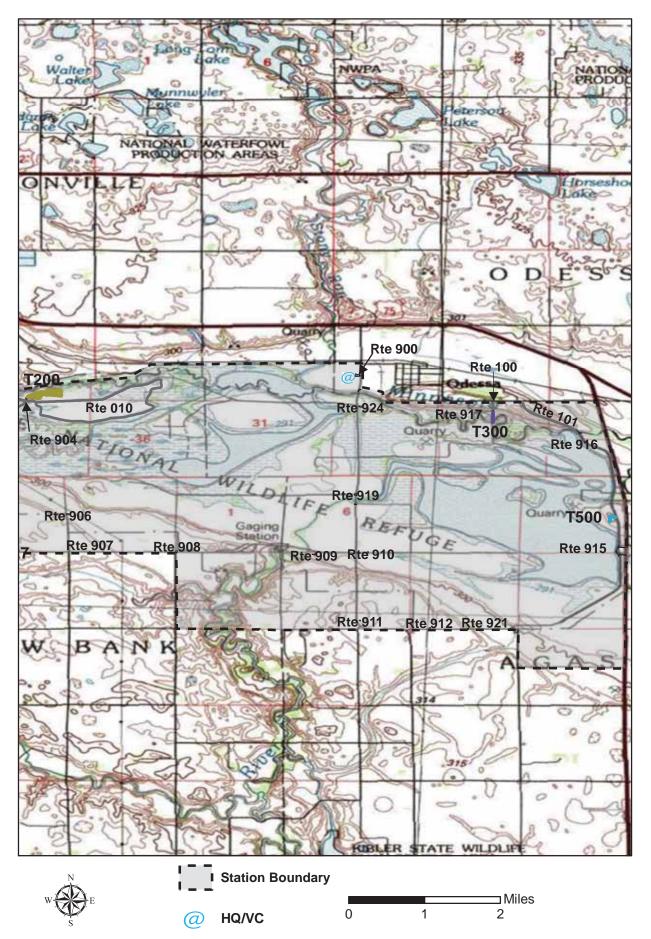
Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T200	Sign	3	No	0.00	1196
T200	Sign	7	No	0.01	1197 - 1203
T200	Sign	5	Yes	N/A	1205
T200	Other	1	No	0.01	N/A
T200	Bench	1	No	0.05	N/A
T200	Step: Rock -each	25	Yes	N/A	N/A
T200	Bench	1	No	0.80	N/A
T300	Sign	1	No	0.00	1215
Т300	Bench	3	No	0.12	N/A
T500	Sign	3	No	0.12	1210
T500	Bench	4	No	0.12	N/A

sf-square feet If-linear feet

cf-cubic feet

BIG STONE NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



TRAILS ID

Station Name: Big Stone, NWR

Org. Code: 32640

Trail #	Trail Name	Trail Name Surface Type SAMMS		Trail Mileage	Trail Description (Begin and End point of trail)
T200	Granite Outcrop Trail	Granite Outcrop Trail Gravel 10055160 0.84 Fr		From Hiking Trail Parking (Rte 904) to end of loop	
T300	No Bridge Fishing Area Hiking Trail	Mowed	10036164	0.12	From Low Flow Parking (Rte 916) to end of trail
T500	Kaercher Overlook Trail	Asphalt	10055156	0.12	From North Spillway Parking (Rte 915) to end of trail

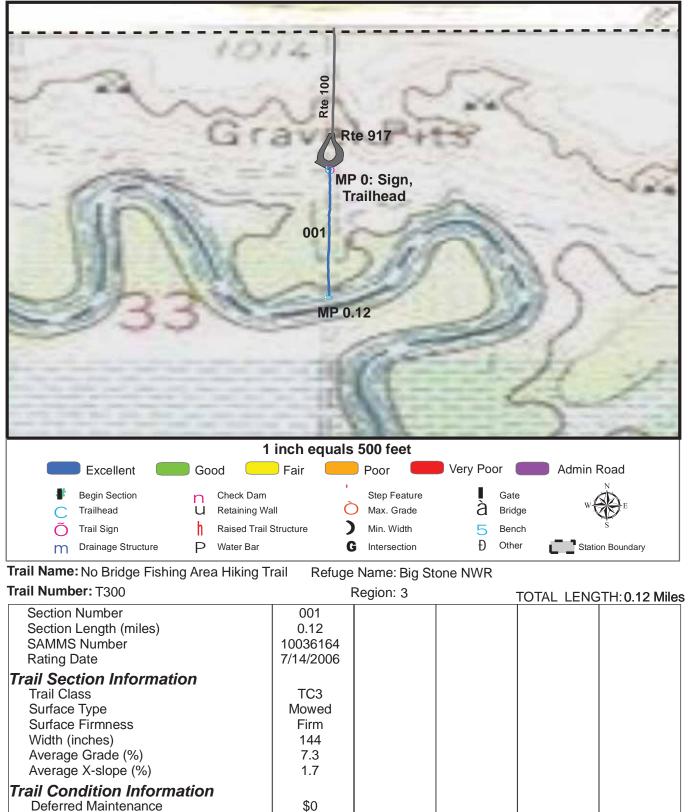
MP 0.15	00		-BI
re		Rte 010	
			-
		Very Poor	Admin Road
all (Structure	Step Feature Max. Grade Min. Width	Gate Gate Bridge Bench D Other	Admin Road
Refug	e Name: Big Sto	one NWR	
	Region: 3	тот	AL LENGTH: 0.84 Miles
001 0.84 10055160 7/14/2006			
TC2 Native Firm 16 2.3 3.1 \$0 \$35200 0			
	inch equals inch equals Fair all Structure Refug 001 0.84 10055160 7/14/2006 TC2 Native Firm 16 2.3 3.1 \$0 \$35200	00 re inch equals 500 feet Fair Poor all Step Feature Structure Min. Width G Intersection Refuge Name: Big Stor Region: 3 001 0.84 10055160 7/14/2006 TC2 Native Firm 16 2.3 3.1 \$0 \$0 \$0 \$35200	Image: optimized state of the system of t

Deferred Maintenance	CRV	FCI	Condition
\$0	\$35200	0	Excellent

CRV

FCI

Condition



Trail Condition TOTALS

\$9700

0 Excellent

-95	ries	74	No. C	オメ	0	01	M [M	North	6	C.M.
Mary .	1345	(MAR IN	> Mil	MP 0 Inter	.12	MP 0 : Bench, Sig tative Kiosk	yn,		0	1
1000	111000		1	inch equa	ls :	500 feet				
	Excellent	Go Go		Fair			Very P	oor (Admin I	Road
*	Begin Section Trailhead	n u	Check Dam Retaining Wa	.11	് റ	Step Feature Max. Grade	à	Gate Bride	xx 7 //.	E
Õ	Trail Sign	h	Raised Trail S)	Min. Width	5			S S S S S S S S S S S S S S S S S S S
m	Drainage Structure	P	Water Bar		G	Intersection	Ð			on Boundary
Trail Name	: Kaercher Hiking	Trail		Refu	ge l	Name: Big Ston	e NWI	२		
Trail Numb	ber: T500					egion: 3			TOTAL LENG	GTH: 0.12 Mile
Section	Number Length (miles) S Number Date			001 0.12 10055156 7/14/2006						
Trail Cla Surface Surface Width (i Average	e Type e Firmness	ion		TC5 Asphalt Paved 84 2.2 2.2						
Deferre CRV FCI	n dition Inform ad Maintenance	ation	1	\$0 \$31700 0						
Conditi	on			Excellent						
	eferred	1	Tı	rail Cond	itio	n TOTALS				
D	elelleu	1			1	FOI		I	<u> </u>	

Deferred Maintenance	CRV	FCI	Condition
\$0	\$31700	0	Excellent

TRAIL NUMBER: **T200** STATION: Big Stone NWR DATE: 7/14/2006



Photo # 1195 - MP 0.0 - Trailhead

TRAIL NUMBER: **T200** STATION: Big Stone NWR DATE: 7/14/2006



Photo # 1196 - MP 0.0 - Sign

TRAIL NUMBER: **T200** STATION: Big Stone NWR DATE: 7/14/2006



Photo # 1197 - 1203 - MP 0.01 - Sign

TRAIL NUMBER: **T200** STATION: Big Stone NWR DATE: 7/14/2006



Photo # 1205 - MP 0.15 - Sign (Grouped Feature)

TRAIL NUMBER: **T300** STATION: Big Stone NWR DATE: 7/14/2006



Photo # 1216 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300** STATION: Big Stone NWR DATE: 7/14/2006



Photo # 1215 - MP 0.0 - Sign

TRAIL NUMBER: **T500** STATION: Big Stone NWR DATE: 7/14/2006



Photo # 1209 - MP 0.0 - Trailhead

TRAIL NUMBER: **T500** STATION: Big Stone NWR DATE: 7/14/2006



Photo # 1210 - MP 0.12 - Sign

The Trail Inventory of Crane Meadows National Wildlife Refuge Little Falls, Minnesota





Prepared By: Federal Highway Administration Central Federal Lands Highway Division July, 2006



Crane Meadows NWR Trail and Trail Feature Summaries

					Milea	age by T	rail Con	dition					Total
Trail Surface	Exce	ellent	Go	od	Fa	air	Poor		Very Poor		Not R	lated*	Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	Wines
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel	0.12	3%		0%		0%		0%		0%		0%	0.12
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	3.59	97%		0%		0%		0%		0%		0%	3.59
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	3.71	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	3.71

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

Trail	Mileage by Trail Condition								Total				
Classificatio	Exce	ellent	Go	od	Fa	air	Po	or	Very	Poor	Not R	ated*	Miles
n	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIE5
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	3.71	100%		0%		0%		0%		0%		0%	3.71
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	3.71	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	3.71

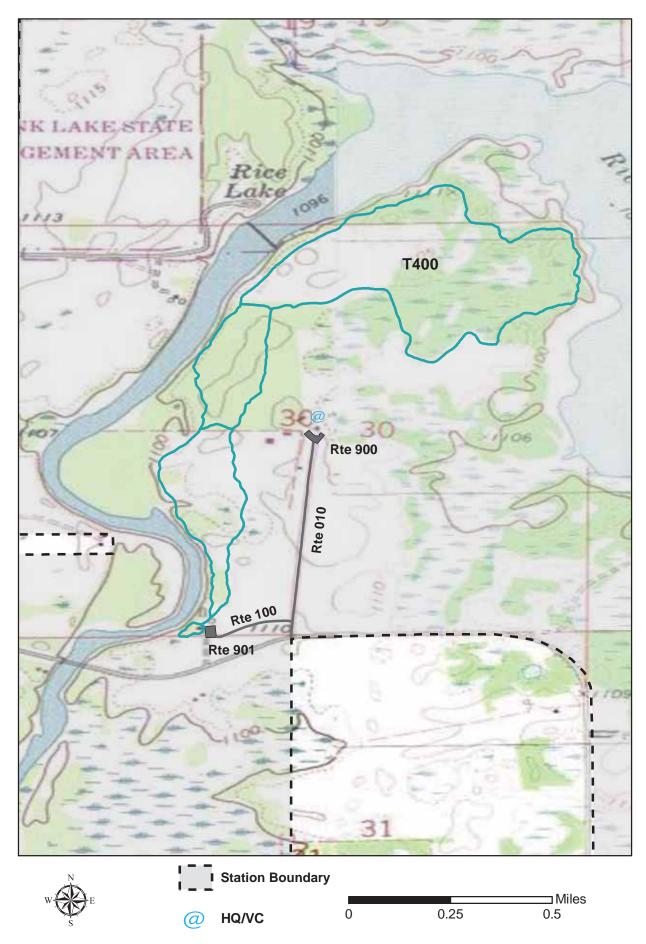
* Admin Roads are included in the inventory but are not rated for condition.

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Sign	9	Yes	0.01	1249
T400	Sign	2	No	0.05	1250
T400	Bench	1	No	0.05	N/A
T400	Lookout/Ob Deck	1	No	0.05	N/A
T400	Sign	6	Yes	0.04	1252
T400	Sign	23	Yes	0.04	1252
T400	Bench	1	No	0.56	N/A
T400	Bench	1	No	0.95	N/A
T400	Bench	1	No	1.87	N/A
sf-square feet					

If-linear feet cf-cubic feet

CRANE MEADOWS NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



TRAILS ID

Station Name: Crane Meadows National Wildlife Refuge

Org. Code: 32555

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	Platte River Trail	Gravel, Mowed	10011588	3.71	From Platte River Trail Parking (Rte 901) to end of loop.

Mar Sal	RLo	ice ike	de	13	MP 1.87					
	2/1/	M	P 1.22	~	IVIF 1.07					
OF (F 1.22		- Marine					
	24 /	Pa		002	5					
50 0	MP 0.92	MP 0.95		- Person	- CL					
1	00	14			1					
	915	23		\sim	6					
MP 0.57: Begin										
Section, Bench										
MP 0.05:										
Lookout/Ob Deck, 002	10	-	-		2					
Bench, Sign MP 0.01		Sile		12	2					
		010-	1-2-1		1					
MP 0.01 MP 0		Rte 010	1		1 1					
001		Ste			240					
5 001	5 10 0		1	- 64	1000					
		0.04:	0 * -	100	1 - 18					
	2 Signs									
		00 9			and the second s					
	Rte		6 0 1							
	- Rte 901	and the		2-10	1 -					
	1 inch aquala	1 500 foot		1988 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /						
	1 inch equals 1,500 feet									
Excellent Good	Fair	Poor 🧧	Very Poor	Admin F	Road					
Begin Section Check D	am	Step Feature	Gat	e						
C Trailhead U Retainin	g Wall	Max. Grade	à Brid	lge ^w T						
Trail Sign Naised	Trail Structure	Min. Width	5 Ber		s					
Drainage Structure P Water Ba	ar	G Intersection	Đ Oth	er Statio	on Boundary					
Trail Name: Platte River Trail	Refuge	e Name: Crane	e Meadows N\	VR						
Trail Number: T400	-	Region: 3								
Section Number	001	002	003	004	TH: 3.71 Miles					
Section Length (miles)	0.12	3.47	0.06	0.06						
SAMMS Number	10011588	10011588	10011588	10011588						
Rating Date	7/17/2006	7/17/2006	7/17/2006	7/17/2006						
Trail Section Information										
Trail Class	TC4	TC4	TC4	TC4						
Surface Type	Gravel	Mowed	Mowed	Mowed						
Surface Firmness	Firm	Firm	Firm	Firm						
Width (inches) Average Grade (%)	60 3	72	84 3	72						
Average X-slope (%)	3.6	3.6	3.6	3.6						
Trail Condition Information										
Deferred Maintenance	\$0	\$0	\$0	\$0						
CRV	\$17700	\$136200	\$2900	\$2300						
FCI	0	0	0	0						
Condition	Excellent	Excellent	Excellent	Excellent						
Trail Condition TOTALS										
Deferred										

Deferred Maintenance	CRV	FCI	Condition	
\$0	\$159100	0	Excellent	

TRAIL NUMBER: **T400** STATION: Crane Meadows NWR DATE: 7/17/2006



Photo # 1247 - MP 0.0 - Trailhead



Photo # 1249 - MP 0.01 - Sign

TRAIL NUMBER: **T400** STATION: Crane Meadows NWR DATE: 7/17/2006



Photo # 1251 - MP 0.01 - Begin Section 002



Photo # 1252 - MP 0.04 - Sign (Grouped features), Sign (Grouped features)

TRAIL NUMBER: **T400** STATION: Crane Meadows NWR DATE: 7/17/2006



Photo # 1250 - MP 0.05 - Sign



Photo # 1253 - MP 0.57 - Begin Section 003



Photo # 1254 - MP 0.92 - Begin Section 004

The Trail Inventory of Detroit Lakes Wetland Management District Detroit Lakes, Minnesota



Prepared By: Federal Highway Administration Central Federal Lands Highway Division July 2006



Detroit Lakes WMD Trail and Trail Feature Summaries

					Milea	age by T	rail Con	dition					Total
Trail Surface	Exce	ellent	Go	od	Fa	air	P	or	Very	Poor	Not F	Rated*	Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIC3
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel	0.10	8%		0%		0%		0%		0%		0%	0.10
Asphalt	0.08	7%		0%		0%		0%		0%		0%	0.08
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk	0.04	3%		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%	0.98	82%	0.98
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.22	18%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.98	82%	1.20

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

Trail		Mileage by Trail Condition										Total	
Classificatio	Exce	ellent	Go	od	Fa	air	Po	or	Very	Poor	Not R	ated*	Miles
n	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIE5
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	0.10	8%		0%		0%		0%		0%	0.98	82%	1.08
TC5	0.12	10%		0%		0%		0%		0%		0%	0.12
Totals	0.22	18%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.98	82%	1.20

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

Trail Features

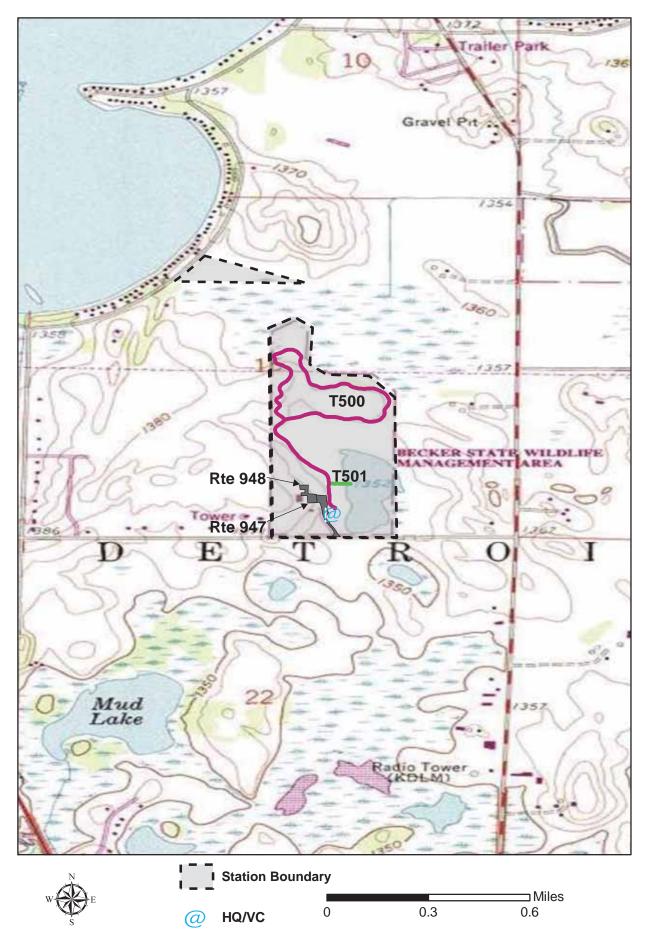
Feature Type	Quantity	Grouped Feature	Milepost	Photo
Lookout/Ob Deck	1	No	0.00	N/A
Bench	2	No	0.00	N/A
Sign	2	No	0.05	1112
Bench	1	No	0.04	N/A
Bench	1	No	0.95	N/A
	Lookout/Ob Deck Bench Sign Bench	Lookout/Ob Deck1Bench2Sign2Bench1	Lookout/Ob Deck1NoBench2NoSign2NoBench1No	Lookout/Ob Deck 1 No 0.00 Bench 2 No 0.00 Sign 2 No 0.05 Bench 1 No 0.04

sf-square feet

If-linear feet

cf-cubic feet

DETROIT LAKES WETLANDS MANAGEMENT DISTRICT TRAIL LOCATION MAP

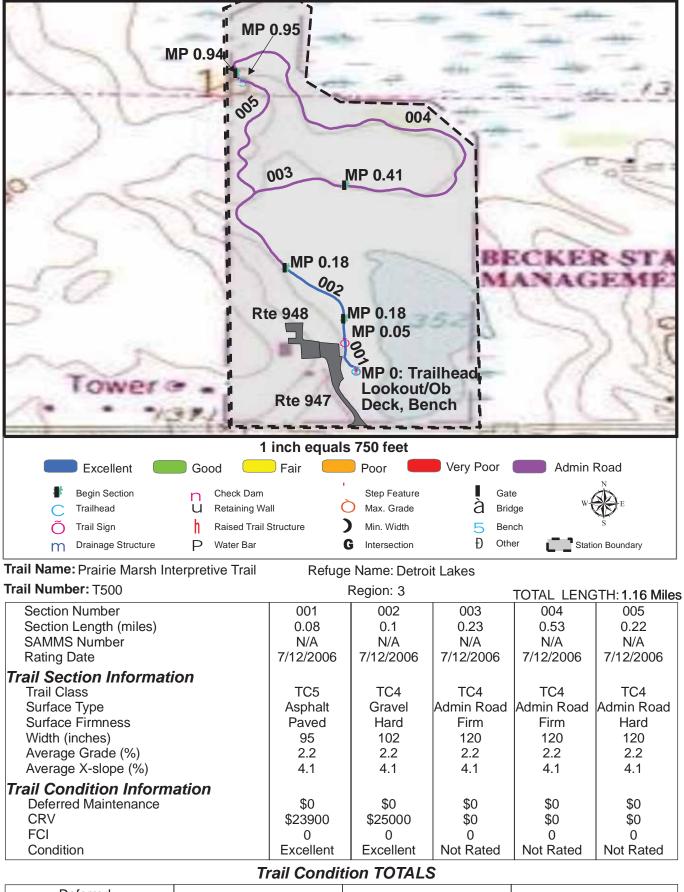


TRAILS ID

Station Name: Detroit Lakes WMD

Org. Code: 35286

Trai	# Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T50	0 Prairie Marsh Intrepretive Trail	Asphalt, Gravel, Admin Road	N/A	1.16	From Headquarters Parking (Rte 947) to end of Loop.
T50	1 Boardwalk Trail	Boardwalk	10012158	0.04	From Prairie Marsh Hiking Trail to end of boardwalk.



Deferred Maintenance	CRV	FCI	Condition
\$0	\$48900	0	Excellent

Inch equals 500 feet Excellent Good Fair Poor Very Poor Admin Road Excellent Good Trailbead Crock Dam Trailbead Crock Dam Trailbead Crock Dam Trailbead Crock Dam P Water Bar Stop Feature Trail Name: Boardwalk Trail Refuge Name: Detroit Lakes Trail Number: T501 Region: 3 Section Number 001 Section Number 001 Section Number 001 Sating Date Trail Caas Trail Caas Other Trail Caas ToTAL LENGTH: 0.04 M Section Number 001 Surface Type Boardwalk Surface Type Boardwalk Hard 96 Average Crade (%) 3.7 Trail Condition Information So CRV So700 CRV So700 CRV So700 Condition Excellent	N.		2	B	ECKE
Excellent Good Fair Poor Very Poor Admin Road Image: Begin Section Image: Construct of the construct of th		MP 0	1 MP 0.04	金子	S
Excellent Good Fair Poor Very Poor Admin Road Image: Begin Section Image: Construct of the construct of th) ST	1		R	S 1
Image: Begin Section Control Length (miles) Section Length (miles) Section Length (miles) Surface Trail Class Surface Trail Class Surface Trail Condition Information Trail Class Surface Trail Condition Information Deferred Maintenance CRV FCI Check Dam Check Dam Check Dam Retaining Wall Step Feature Maintenance CRV FCI Gate Bridge Structure Check Dam Max. Grade Image Structure Check Dam Retaining Wall Image Structure Check Dam Retaininin Image Structure Check Dam R	Evenllant Cood		_		Admin Road
Trail Number: T501Region: 3TOTAL LENGTH: 0.04 MSection Number001Section Length (miles)0.04SAMMS Number10012158Rating Date7/12/2006Trail Section InformationTC5Trail ClassTC5Surface TypeBoardwalkSurface Firmness96Average Grade (%)2.3Average Grade (%)3.7Trail Condition Information\$0CRV\$50700FCI0	 Begin Section Trailhead Trail Sign Raised Trail 	m Wall ail Structure	Step Feature Max. Grade Min. Width	Gate Gate Bridge Bench	
Section Number001Section Length (miles)0.04SAMMS Number10012158Rating Date7/12/2006Trail Section InformationTrail ClassTC5Surface TypeBoardwalkSurface Firmness96Average Grade (%)2.3Average X-slope (%)3.7Trail Condition InformationDeferred Maintenance\$0CRV\$50700FCI0		Refug		Lakes	
Trail ClassTC5Surface TypeBoardwalkSurface FirmnessHardWidth (inches)96Average Grade (%)2.3Average X-slope (%)3.7Trail Condition Information\$0Deferred Maintenance\$0CRV\$50700FCI0	Section Number Section Length (miles) SAMMS Number Rating Date	0.04 10012158	Region: 3		L LENGTH: 0.04 Miles
Deferred Maintenance\$0CRV\$50700FCI0	Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%)	Boardwalk Hard 96 2.3			
	Deferred Maintenance CRV FCI	\$50700 0			
Trail Condition TOTALS			tion TOTALS		I

Deferred Maintenance	CRV	FCI	Condition
\$0	\$50700	0	Excellent

TRAIL NUMBER: **T500** STATION: Detroit Lakes WMD DATE: 7/12/2006



Photo # 1107 - MP 0.0 - Trailhead

TRAIL NUMBER: **T500** STATION: Detroit Lakes WMD DATE: 7/12/2006



Photo # 1111 - MP 0.0 - Sign

TRAIL NUMBER: **T500** STATION: Detroit Lakes WMD DATE: 7/12/2006



Photo # 1112 - MP 0.05 - Sign

TRAIL NUMBER: **T500** STATION: Detroit Lakes WMD DATE: 7/12/2006



Photo # 1114 - MP 0.18 - Begin Section 002

TRAIL NUMBER: **T500** STATION: Detroit Lakes WMD DATE: 7/12/2006



Photo # 1115 - MP 0.18 - Begin Section 003

TRAIL NUMBER: **T500** STATION: Detroit Lakes WMD DATE: 7/12/2006



Photo # 1116 - MP 0.41 - Begin Section 004

TRAIL NUMBER: **T500** STATION: Detroit Lakes WMD DATE: 7/12/2006



Photo # 1118 - MP 0.94 - Begin Section 005

TRAIL NUMBER: **T501** STATION: Detroit Lakes WMD DATE: 7/12/2006



Photo # 1113 - MP 0.0 - Trailhead

The Trail Inventory of Fergus Falls Wetland Management District Fergus Falls, Minnesota





Prepared By: Federal Highway Administration Central Federal Lands Highway Division July 2006



Fergus Falls WMD Trail and Trail Feature Summaries

					Milea	age by T	rail Con	dition					Total
Trail Surface	Exce	ellent	Go	od	Fa	air	P	or	Very	Poor	Not F	Rated*	Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	WINCO
Native		0%		0%	1.03	25%		0%		0%		0%	1.03
Gravel	2.79	68%	0.07	2%		0%		0%		0%		0%	2.86
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	1%		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	0.17	4%		0%		0%		0%		0%		0%	0.17
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	3.00	73%	0.07	2%	1.03	25%	0.00	0%	0.00	0%	0.00	0%	4.10

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

Trail		Mileage by Trail Condition										Total	
Classificatio	Exce	ellent	Go	od	Fa	air	Po	oor	Very	Poor	Not R	ated*	Miles
n	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	WIIIC5
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2	0.03	1%		0%		0%		0%		0%		0%	0.03
TC3	0.17	4%		0%		0%		0%		0%		0%	0.17
TC4	2.76	67%	0.07	2%	1.03	25%		0%		0%		0%	3.86
TC5	0.04	1%		0%		0%		0%		0%		0%	0.04
Totals	3.00	73%	0.07	2%	1.03	25%	0.00	0%	0.00	0%	0.00	0%	4.10

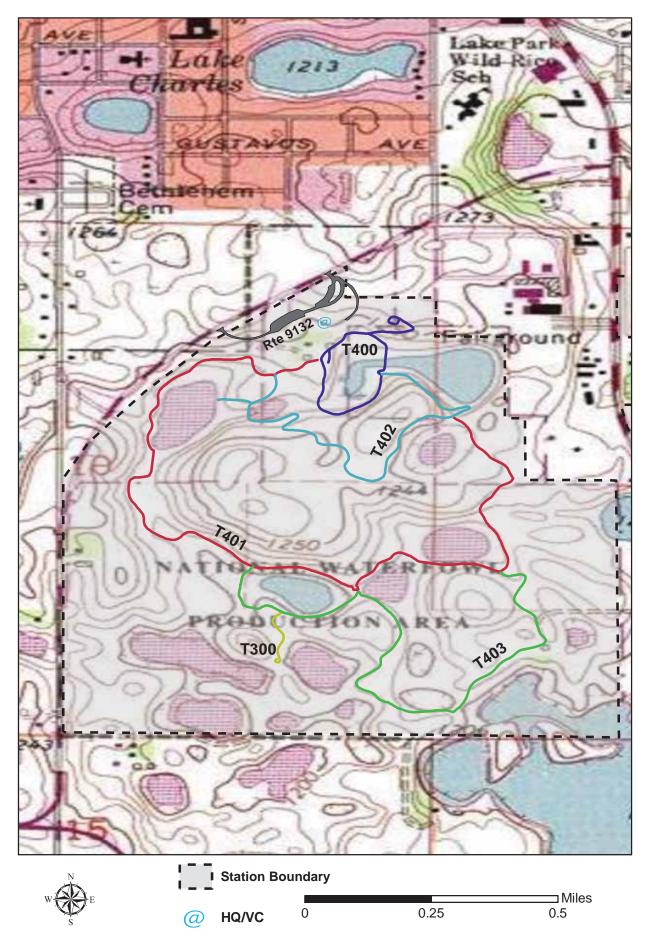
* Admin Roads are included in the inventory but are not rated for condition.

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Sign	1	No	0.15	1164
T400	Bench	2	No	0.17	N/A
T400	Sign	1	No	0.42	1172
T400	Sign	1	No	0.39	1174
T400	Sign	1	No	0.42	1175
T401	Sign	3	Yes		1179
T401	Water Bar:Wood -each	2	Yes	N/A	N/A
T401	Bench	1	No	0.18	N/A
T401	Culvert -If	25	No	0.40	N/A
T401	Bench	1	No	0.76	N/A
T401	Bench	1	No	1.05	N/A
T401	Bench	1	No	1.32	N/A
T401	Bench	1	No	1.54	N/A
T402	Water Bar:Wood -each	2	Yes	N/A	N/A
T402	Bench	1	No	0.10	N/A
T402	Bench	1	No	0.13	N/A
T402	Sign	1	No	0.19	1182
T402	Sign	2	Yes	N/A	1184
T402	Bench	1	No	0.38	N/A
T402	Sign	1	No	0.76	1187
T402	Lookout/Ob Deck	1	No	0.76	
T403	Bench	1	No	0.12	N/A
T403	Sign	3	Yes	N/A	1192
T403	Bench	1	No	0.27	N/A
T403	Bench	1	No	0.49	N/A
T403	Bench	1	No	0.71	N/A
sf-square feet					

sf-square feet If-linear feet cf-cubic feet

FERGUS FALLS WETLAND MANAGEMENT DISTRICT TRAIL LOCATION MAP



Station Name: Fergus Falls WMD

Org. Code: 32585

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Native Prarie Trail	Mowed	10012124	0.12	From trailhead to end of trail
T400	Malarad Marsh Trail	Gravel, Boardwalk	10012124	0.58	From visitor center to outdoor auditorium
T401	Wetland Way Trail	Gravel	10012124	1.54	From trailhead to end of trail
T402	Tatanka Trail	Gravel, Mowed	10012124	0.83	From trailhead to observation deck
T403	Tintah Trail	Native	10012124	1.03	From trailhead to end of trail

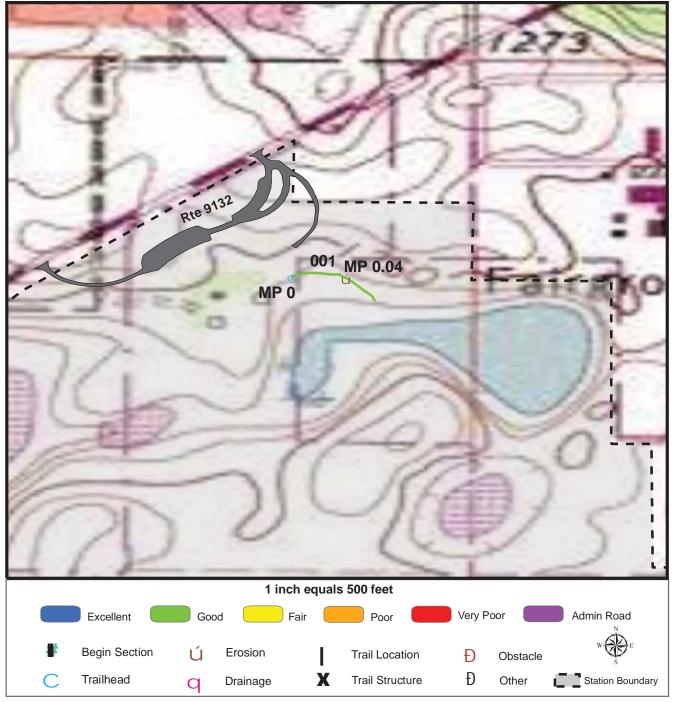
of the	I inch equals		No No	
C Trailhead U Reta Õ Trail Sign h Rais m Drainage Structure P Wate Trail Name: Native Prairie Trail Trail Number: T300	Fair Fair Fair Fair Faing Wall Fail Structure Far Refuge	Poor Step Feature Max. Grade Min. Width		Admin Road
Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%)	001 0.12 10012124 7/14/2006 TC3 Mowed Firm 108 3.5 6.3			
Trail Condition Information Deferred Maintenance CRV FCI Condition	\$0 \$7100 0 Excellent Trail Conditi	on TOTALS		

Deferred Maintenance	CRV	FCI	Condition
\$0	\$7100	0	Excellent

1.21		8000	1.00		
Rte 9132		5	F	2	
Ries		MP 0.14	-1-	1	100
		SF MP 0.1	1	1	
5	MP 0.	15	10-	2	Lin
	AP 0 001	002		开口房	KOU
	MP 0.04	MP 0.07	-		2
	MP 0.04	S		2233	
722	60	MP 0.11			5
11.	1993	MP 0.13	No.	10	<u> </u>
111	1-1-11		100	10	
	14	1-	1100	180	1
1 - Production	-44	10-	11100	n	-
10-1-	11	- Le	- Anna	. 1.1	51
	11	101	in	3	10.64
	111	1800	1000	1	1 8
	1 inch equals	s 500 feet			
Excellent Good	Fair	Poor 🧲	Very Poor	Admin	Road
Provin Continu		Step Feature	Gat		N
1	ck Dam ining Wall	Max. Grade	à Bric	wi	E
👸 Trail Sign 💧 Raise	ed Trail Structure	Min. Width	5 Ber	ich	ŝ
Drainage Structure P Wate	er Bar	G Intersection	Ð Oth	er Stati	on Boundary
Trail Name: Malarad Marsh Trail	Refug	e Name: Fergu	s Falls WMD		
Trail Number: T400	-	Region: 3		TOTAL LENG	GTH: 0.58 Miles
Section Number	001	002	003	004	005
Section Length (miles)	0.07	0.1	0.03	0.04	0.02
SAMMS Number Rating Date	10012124 7/14/2006	10012124 7/14/2006	10012124 7/14/2006	10012124 7/14/2006	10012124 7/14/2006
Trail Section Information			.,	.,,	.,,2000
Trail Class	TC4	TC4	TC2	TC4	TC4
Surface Type	Gravel	Gravel	Gravel	Boardwalk	Gravel
Surface Firmness	Firm	Firm	Firm	Hard	Firm
Width (inches) Average Grade (%)	120 4.4	84	44 4.4	57 4.4	60 4.4
Average X-slope (%)	4.8	4.8	4.8	4.8	4.8
Trail Condition Information					
Deferred Maintenance	\$300	\$0	\$0	\$0	\$0
CRV	\$19800	\$20500	\$3600	\$29700	\$2700
FCI Condition	0.015 Good	0 Excellent	0 Excellent	0 Excellent	0 Excellent
Conduct					LACOHOIR
Deferred	Trail Condit	ION TOTALS	•		
				<u> </u>	

Deferred Maintenance	CRV	FCI	Condition
\$300	\$140500	0.002	Excellent

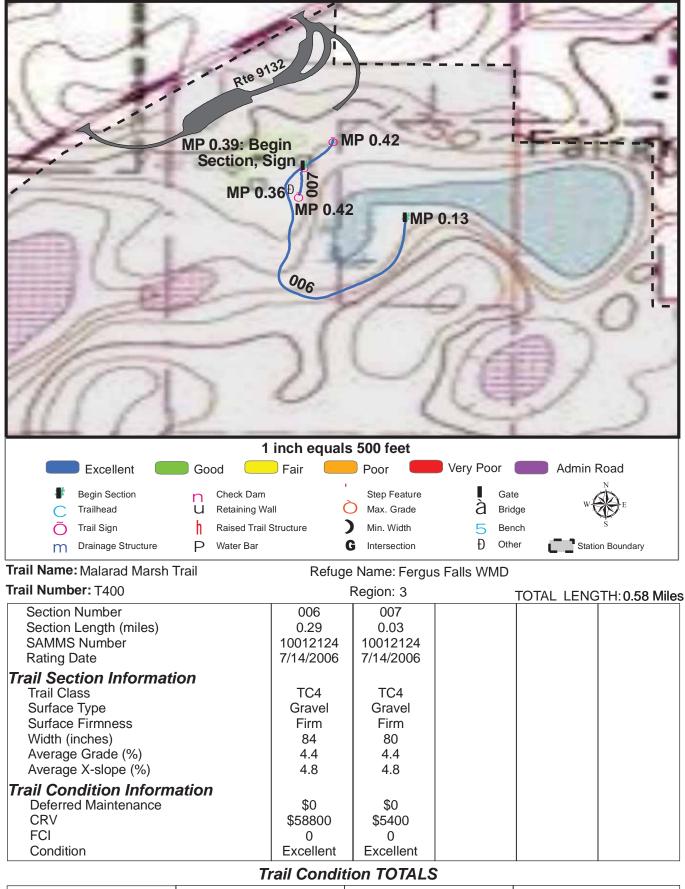
TRAIL DEFICIENCY



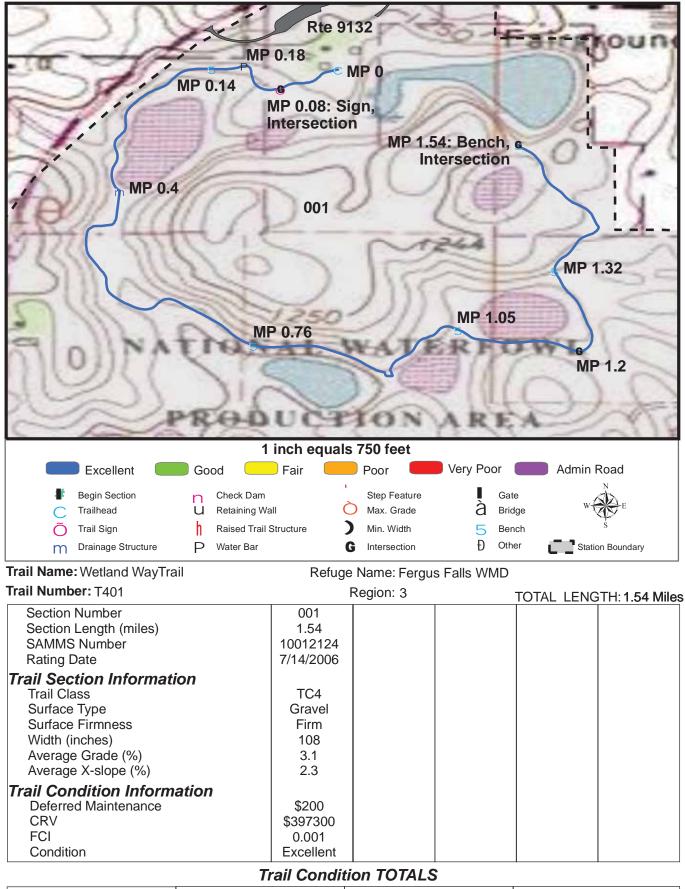
Trail Name: Malarad Marsh Trail

Refuge Name: Fergus Falls WMD

Trail Number: T400		Region: 3	TOTAL LENGTH: 0.58 Miles
Mile Post	0.04		
Section Number	001		
Photo Number	1165		
Deficiency	Erosion		
Action	Build/Add		
Item	Water Bar:Wood -each		
Quantity	2		
Deferred Maintenance	\$300		

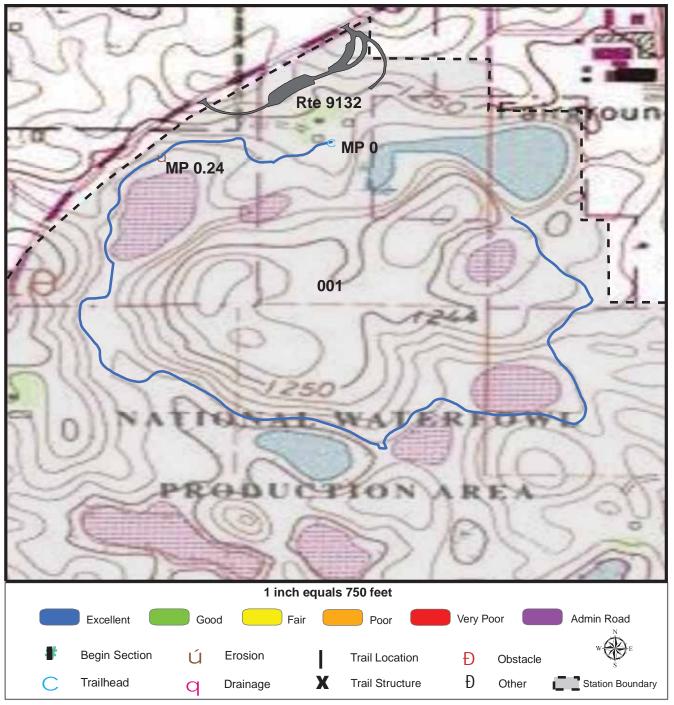


Deferred Maintenance	CRV	FCI	Condition
\$300	\$140500	0.002	Excellent



Deferred Maintenance	CRV	FCI	Condition
\$200	\$397300	0.001	Excellent

TRAIL DEFICIENCY



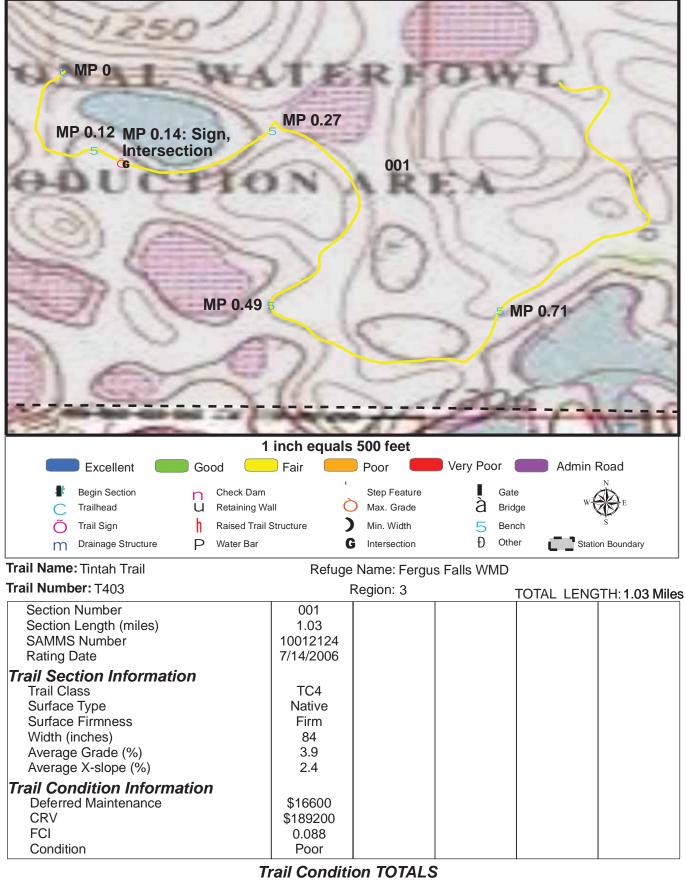
Trail Name: Wetland WayTrail

Refuge Name: Fergus Falls WMD

Trail Number: T401		Region: 3	TOTAL LENGTH: 1.54 Miles
Mile Post	0.24		
Section Number	001		
Photo Number	1180		
Deficiency	Erosion		
Action	Build/Add		
Item	Water Bar:Wood -each		
Quantity	1		
Deferred Maintenance	\$200		

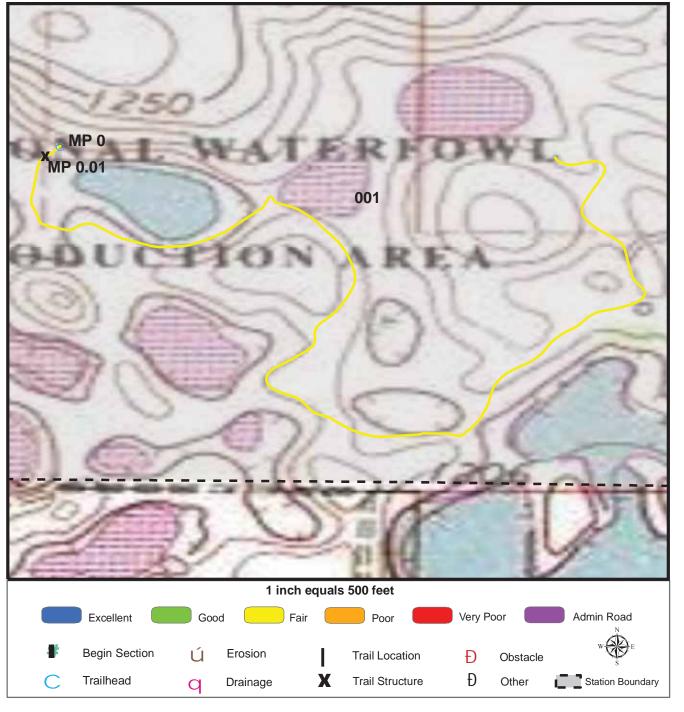
5 6	Rte	9132	P	50-1	are
Excellent Good Fair Poor Very Poor Admin Road Image Section Check Dam Step Feature Gate Bridge Image Structure Image Structure P Water Bar Min. Width 5 Bench Image Structure P Water Bar Image Structure	Lookout/Ob Deck		001	MP	MP 0.13
Image: Section Contraction Condition Check Dam Retaining Wall Step Feature Max. Grade Gate Bridge Image: Trail Sign Condition P Water Bar Min. Width 5 Bench Image: Trail Sign Condition P Water Bar Min. Width 5 Bench Image: Trail Sign Condition P Water Bar Min. Width 5 Bench Image: Trail Sign Condition P Water Bar Min. Width 5 Bench Image: Tatanka Trail Refuge Name: Fergus Falls WMD TOTAL LENGTH: 0.83 Miles Section Number 001 002 002 Section Length (miles) 0.78 0.05 Schon Length (miles) 0.78 10012124 10012124 10012124 10012124 10012124 Trail Section Information TC4 TC3 Mowed Mowed Surface Firmness Firm Firm Width (inches) 84 108 1.8 1.8 1.8 1.8 Average Grade (%) 4.1 4.1 4.1 4.1 A.1 A.1 Average X-slope (%) 1.8 1.8 1.8 Sufface Firmnes					5
Trail Number: T402Region: 3TOTAL LENGTH: 0.83 MilesSection Number001002Section Length (miles)0.780.05SAMMS Number1001212410012124Rating Date7/14/20067/14/2006Trail ClassTC4TC3Surface TypeGravelMowedSurface FirmnessFirmFirmWidth (inches)84108Average Grade (%)4.14.1Average X-slope (%)1.81.8Trail Condition Information\$0Deferred Maintenance\$0CRV\$156500FCI00ConditionExcellentExcellentExcellent	 Begin Section Trailhead Trail Sign Raised 	Dam ing Wall (1 Trail Structure	Step Feature Max. Grade Min. Width	Gate Bridge Bench	W E
Section Number 001 002 10142 ELINET1.0.05 Mile. Section Length (miles) 0.78 0.05 0.78 0.05 SAMMS Number 10012124 10012124 10012124 10012124 Rating Date 7/14/2006 7/14/2006 7/14/2006 7/14/2006 Trail Section Information TC4 TC3 TC3 Surface Type Gravel Mowed Surface Type Gravel Mowed Firm Firm Firm Vidth (inches) 84 108 Average Grade (%) 4.1 4.1 4.1 Average X-slope (%) 1.8 1.8 Trail Condition Information Sufface Suppone \$0 \$0 \$0 \$0 Deferred Maintenance \$0 \$0 \$0 \$2900 \$156500 \$2900 \$2900 \$161 \$16500 \$2900 \$161 \$16500 \$2900 \$161 \$162 \$162 \$16500 \$2900 \$162 \$162 \$162 \$165500 \$2900 \$162 \$162 \$162 <td< td=""><td>Trail Name: Tatanka Trail</td><td>Refuge</td><td>e Name: Fergus</td><td>s Falls WMD</td><td></td></td<>	Trail Name: Tatanka Trail	Refuge	e Name: Fergus	s Falls WMD	
Section Length (miles) 0.78 0.05 SAMMS Number 10012124 10012124 Rating Date 7/14/2006 7/14/2006 Trail Section Information 7/14/2006 7/14/2006 Trail Class TC4 TC3 Surface Type Gravel Mowed Surface Firmness Firm Firm Width (inches) 84 108 Average Grade (%) 4.1 4.1 Average X-slope (%) 1.8 1.8 Trail Condition Information \$0 \$0 Deferred Maintenance \$0 \$0 CRV \$156500 \$2900 FCI 0 0 Condition Excellent Excellent	Trail Number: T402		Region: 3	TOTAL	LENGTH: 0.83 Miles
Trail Section InformationTC4TC3Trail ClassTC4TC3Surface TypeGravelMowedSurface FirmnessFirmFirmWidth (inches)84108Average Grade (%)4.14.1Average X-slope (%)1.81.8Trail Condition InformationSufface Surface Sufface Sufface Sufface Surface Surface Sufface Surface Surface Sufface Suff	Section Length (miles) SAMMS Number	0.78 10012124	0.05 10012124		
Trail Condition Information\$0\$0Deferred Maintenance\$0\$0CRV\$156500\$2900FCI00ConditionExcellentExcellent	Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%)	Gravel Firm 84 4.1	Mowed Firm 108 4.1		
	Trail Condition Information Deferred Maintenance CRV FCI	\$156500 0	\$2900 0		
	Condition		1		

Deferred Maintenance	CRV	FCI	Condition
\$0	\$159400	0	Excellent



Deferred Maintenance	CRV	FCI	Condition
\$16600	\$189200	0.088	Fair

TRAIL DEFICIENCY



Trail Name: Tintah Trail

Refuge Name: Fergus Falls WMD

Trail Number: T403		Region: 3	TOTAL LENGTH: 1.03 Miles
Mile Post	0.01		
Section Number	001		
Photo Number	1189		
Deficiency	Trail Structure		
Action	Build/Add		
Item	Boardwalk -If		
Quantity	408		
Deferred Maintenance	\$16600		
		1	

TRAIL NUMBER: **T300** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1193 - MP 0.0 - Trailhead



Photo # 1161 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1165 - MP 0.04 - Erosion Deficiency



Photo # 1162 - MP 0.04 - Begin Section 002

TRAIL NUMBER: **T400** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1166 - MP 0.07 - Begin Section 004



Photo # 1169 - MP 0.11 - Begin Section 005

TRAIL NUMBER: **T400** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1170 - MP 0.13 - Begin Section 006



Photo # 1163 - MP 0.14 - Begin Section 003

TRAIL NUMBER: **T400** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1164 - MP 0.15 - Sign



Photo # 1173 - MP 0.39 - Begin Section 007

TRAIL NUMBER: **T400** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1174 - MP 0.39 - Sign



Photo # 1172 - MP 0.42 - Sign

TRAIL NUMBER: **T400** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1175 - MP 0.42 - Sign



Photo # 1176 - MP 0.0 - Trailhead

TRAIL NUMBER: **T401** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1179 - MP 0.08 - Sign (Grouped feature)

TRAIL NUMBER: **T401** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1180 - MP 0.24 - Erosion Deficiency

TRAIL NUMBER: **T402** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1183 - MP 0.0 - Trailhead

TRAIL NUMBER: **T402** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1182 - MP 0.19 - Sign

TRAIL NUMBER: **T402** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1184 - MP 0.2 - Sign (Grouped features)

TRAIL NUMBER: **T402** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1185 - MP 0.71 - Begin Section 002

TRAIL NUMBER: **T402** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1187 - MP 0.76 - Sign

TRAIL NUMBER: **T403** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1188 - MP 0.0 - Trailhead

TRAIL NUMBER: **T403** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1189 - MP 0.01 - Trail Structure Deficiency

TRAIL NUMBER: **T403** STATION: Fergus Falls WMD DATE: 7/14/2006



Photo # 1192 - MP 0.14 - Sign (Grouped feature)

The Trail Inventory of Hamden Slough National Wildlife Refuge Audubon, Minnesota





Prepared By: Federal Highway Administration Central Federal Lands Highway Division July, 2006



Hamden Slough NWR Trail and Trail Feature Summaries

					Milea	ige by T	rail Conc	lition					Total
Trail Surface	Exce	ellent	Go	Good		Fair		Poor		Poor	Not Rated*		Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	WIICO
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	0.23	100%		0%		0%		0%		0%		0%	0.23
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
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	0.23	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.23

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

		Mileage by Trail Condition										Total	
Trail	Exce	ellent	Go	od	Fair Poor		Very Poor		Not Rated*		Miles		
Classification	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIC5
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%		0%		0%		0%		0%		0%	0.00
TC5	0.23	100%		0%		0%		0%		0%		0%	0.23
Totals	0.23	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.23

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

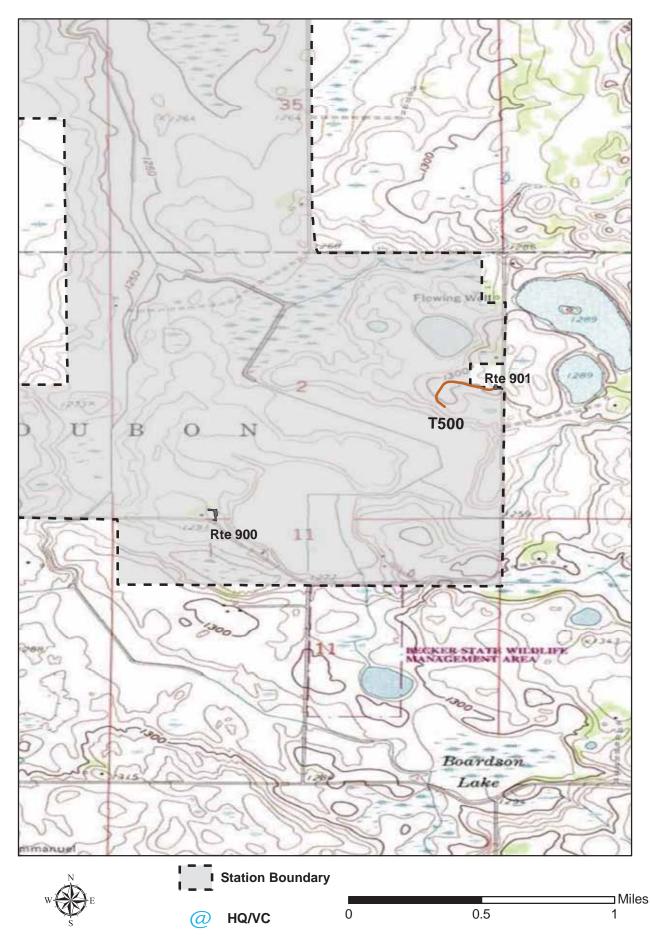
Trail Features

Feature Type	Quantity	Grouped Feature	Milepost	Photo
Sign	1	No	0.01	1103
Bench	1	No	0.01	N/A
Bench	1	No	0.13	N/A
Bench	1	No	0.17	N/A
Lookout/Ob Deck	1	No	0.23	N/A
	Sign Bench Bench Bench	Sign1Bench1Bench1Bench1	Sign1NoBench1NoBench1NoBench1No	Sign 1 No 0.01 Bench 1 No 0.01 Bench 1 No 0.13 Bench 1 No 0.17

sf-square feet If-linear feet

cf-cubic feet

HAMDEN SLOUGH NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



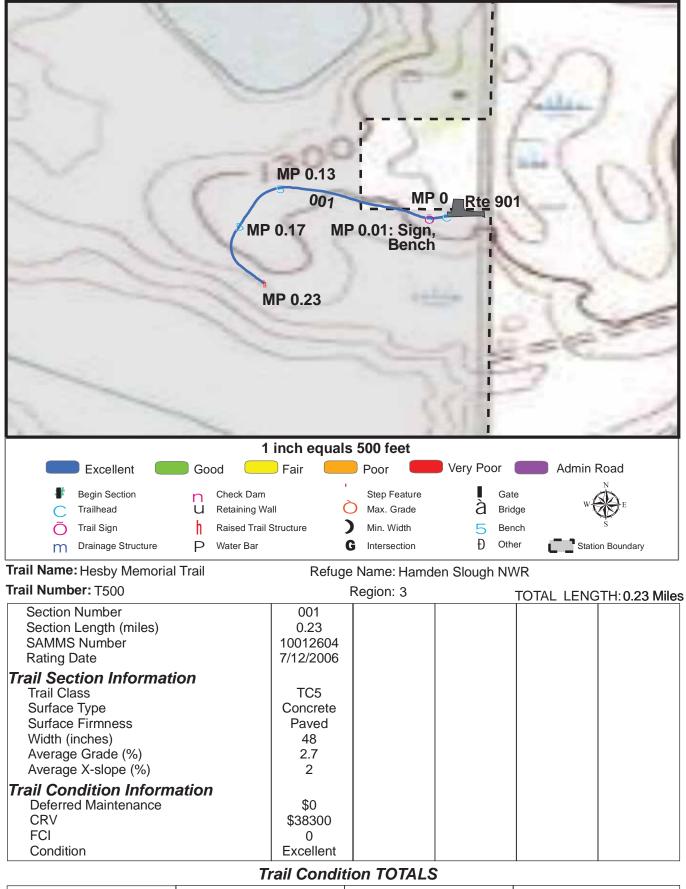
7-2

TRAILS ID

Station Name: Hamden Slough NWR

Org. Code: 32600

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T500	Hesby Memorial Trail	Concrete	10012604	0.23	From Hesby Memorial Parking (Rte 901) to end



Deferred Maintenance	(BV)		Condition
\$0	\$38300	0	Excellent

TRAIL NUMBER: **T500** STATION: Hamden Slough NWR DATE: 7/12/06



Photo #1101 - MP 0 - Trailhead

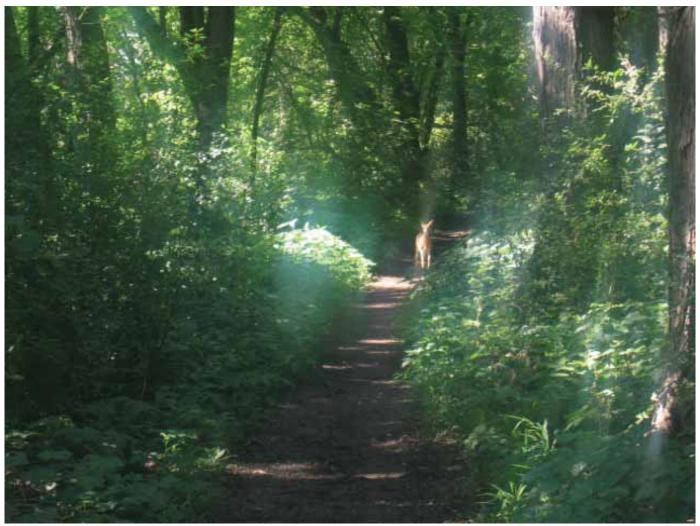
TRAIL NUMBER: **T500** STATION: Hamden Slough NWR DATE: 7/12/06



Photo #1103 - MP 0.01 - Sign

The Trail Inventory of Minnesota Valley National Wildlife Refuge Bloomington, Minnesota





Prepared By: Federal Highway Administration Central Federal Lands Highway Division July 2006



Minnesota Valley NWR Trail and Trail Feature Summaries

					Mileage	e by Tr	ail Cond	lition					Total
Trail Surface	Exce	llent	Go	od	Fa	ir	Po	or	Very	Poor	Not Ra	ated*	Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	WIICO
Native	1.52	6%	0.45	2%		0%	2.43	9%	0.55	2%		0%	4.95
Gravel	3.28	12%		0%		0%		0%		0%		0%	3.28
Asphalt	0.04	0%	0.07	0%	0.07	0%		0%		0%		0%	0.18
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk	0.21	1%		0%		0%		0%		0%		0%	0.21
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed	4.86	18%	0.67	2%		0%		0%		0%		0%	5.53
Admin Road		0%		0%		0%		0%		0%	13.35	49%	13.35
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	9.91	36%	1.19	4%	0.07	0%	2.43	9%	0.55	2%	13.35	49%	27.50

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

		Mileage by Trail Condition										Total	
Trail	Exce	Excellent Good			Fair Poor		Very Poor		Not Rated*		Miles		
Classification	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	Willes
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2	0.96	3%		0%		0%		0%		0%		0%	0.96
TC3	7.69	28%	1.12	4%		0%	2.43	9%	0.55	2%	8.39	31%	20.18
TC4	0.82	3%		0%		0%		0%		0%	4.96	18%	5.78
TC5	0.44	2%	0.07	0%	0.07	0%		0%		0%		0%	0.58
Totals	9.91	36%	1.19	4%	0.07	0%	2.43	9%	0.55	2%	13.35	49%	27.50

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

Trail Features

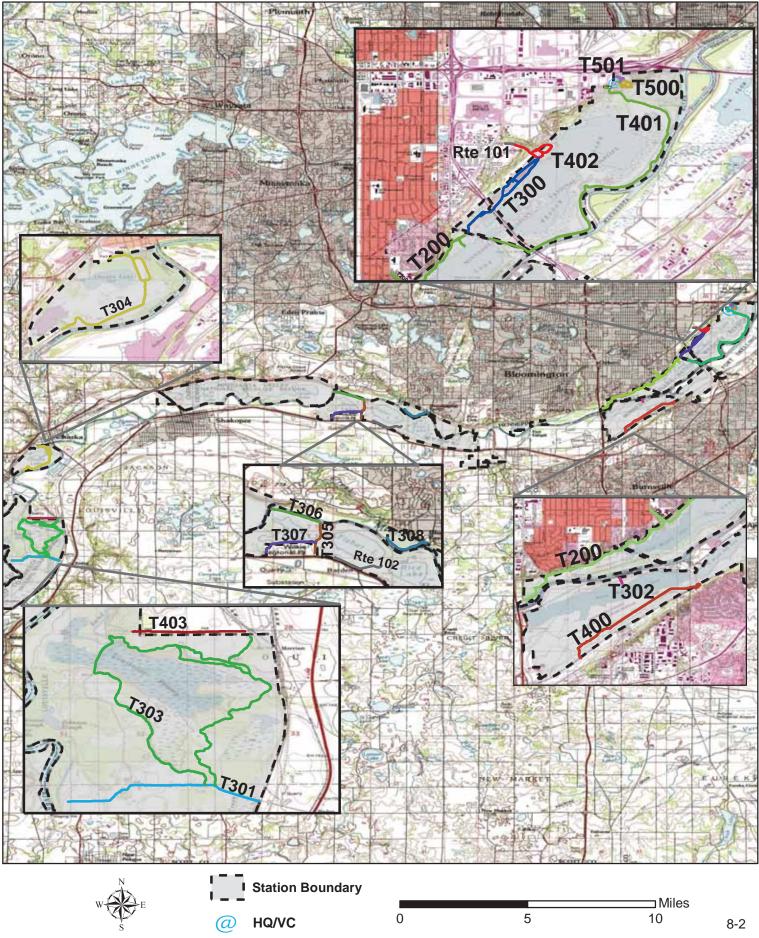
Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T200	Sign	1	No	0.00	0623
T200	Sign	2	No	0.02	0624
T200	Culvert -If	30	No	0.03	N/A
T200	Boardwalk -If	55	No	0.15	0630
T200	Boardwalk -If	30	No	0.57	0647
T200	Boardwalk -lf	50	No	0.62	0648
T200	Crib: Log -cf	20	No	0.85	N/A
T200	Bench	4	No	0.93	N/A
T200	Bridge -sf	100	No	1.05	0654
T200	Crib: Log -cf	75	No	1.08	0655
T200	Crib: Log -cf	120	No	1.08	N/A
T200	Crib: Log -cf	40	No	1.14	N/A
T200	Puncheon -If	10	No	1.26	0656
T200	Bench	1	No	1.39	0656
T200	Drainage Dips -each	2	No	1.41	N/A
T200	Check Dam:Log -each	3	No	1.48	0657
T200	Check Dam:Log -each	1	No	1.64	0658
T200	Culvert -If	20	No	1.77	N/A
T200	Boardwalk -lf	15	No	1.96	0661
T200	Culvert -If	10	No	2.51	N/A
T200	Culvert -If	10	No	2.60	0662
T200	Bridge -sf	70	No	2.88	0665
T200	Culvert -If	40	No	2.97	0665
T300	Sign	3	No	0.01	0527
T300	Bench	1	No	0.12	N/A
T300	Lookout/Ob Deck	1	No	0.27	N/A
T300	Crib: Log -cf	900	No	0.43	N/A
T300	Step: Log -each	8	No	0.45	N/A
T300	Culvert -If	20	No	0.45	N/A
T300	Sign	1	No	0.93	0532
T300	Water Control Struc	1	No	0.99	N/A
T300	Sign	1	No	1.25	0533
T300	Lookout/Ob Deck	1	No	1.25	N/A
T300	Water Control Struc	1	No	1.56	N/A
T300	Sign	1	No	1.58	0536
T300	Water Control Struc	1	No	1.62	N/A
T300	Lookout/Ob Deck	1	No	1.62	N/A
T301	Gate	1	No	0.00	N/A
T301	Sign	3	No	0.00	0589
T301	Bridge -sf	48	No	0.14	0590
T301 T301	Sign Culvert -lf	2 30	No	0.35	0591 N/A
T301 T301	Sign	30	No No	0.36	0592
T301	Sign	3	No	0.41	0593
T301	Sign	1	No	0.94	0593
T301	Sign	1	No	1.46	0595
T302	Gate	1	No	0.00	N/A
T302	Sign	1	No	0.00	1326
T302	Lookout/Ob Deck	1	No	0.09	N/A
T303	Sign	11	No	0.00	1353-1355
T303	Sign	3	No	0.01	1357
T303	Sign	۷ ۷	No	0.02	1358 8-1-2

T303	Gate	1	No	0.03	N/A
T303	Sign	2	No	0.03	1361, 1362
T303	Sign	4	No	0.06	1364, 1365
T303	Sign	6	No	0.53	1366-1368
T303	Sign	1	Yes	0.73	N/A
T303	Bridge -sf	600	No	1.19	1376
T303	Bridge -sf	750	No	1.61	1378
T303	Sign	3	No	2.23	1379-1380
T303	Sign	2	No	2.25	0597
T303	Sign	2	No	3.81	0600
T303	Sign	1	No	3.82	0601
T303	Sign	3	No	3.90	0602
T303	Sign	3	No	3.90	0603
T303	Sign	2	No	3.91	0605
T303	Water Control Struc	1	No	4.00	N/A
T303	Culvert -If	150	No	4.02	N/A
T303	Sign	1	No	4.29	0613
T303	Sign	3	No	4.29	0614
T303	Sign	1	No	4.48	0616
T303	Bench	1	No	5.33	N/A
T304	Sign	5	No	0.00	0619
T304	Gate	1	No	0.01	0619
T304	Water Control Struc	1	No	0.22	N/A
T304	Culvert -If	30	No	1.71	N/A
T304	Sign	1	No	1.76	0621
T304	Gate	1	No	1.79	N/A
T304	Sign	1	No	1.79	0620
T305	Sign	2	No	0.00	0667
T305	Sign	2	No	0.24	0668
T305	Sign	1	No	0.67	0669
T306	Sign	2	No	0.01	0671
T307	Sign	8	Yes	0.16	N/A
T307	Sign	2	No	0.90	0674
T308	Sign	3	No	0.00	0677
T308	Gate	1	No	0.00	N/A
T400	Sign	7	No	0.00	1348-49
T400	Sign	3	No	0.00	1350
T400	Sign	1	No	0.01	1347
T400	Sign	1	No	0.06	1346
T400	Culvert -If	13	No	0.06	N/A
T400	Step: Log -each	52	No	0.07	N/A
T400	Bridge -sf	354	No	0.08	1345
T400	Sign	1	No	0.10	1344
T400	Step: Log -each	52	No	0.10	N/A
T400	Sign	2	No	0.15	1341-42
T400	Sign	3	No	0.16	1328
T400	Sign	3	No	0.16	1328
T400	Water Control Struc	1	No	0.39	1330
T400	Water Control Struc	1	No	0.39	1330
T400	Culvert -If	20	No	0.47	N/A
T400	Culvert -If	20	No	0.47	N/A
T400	Water Control Struc	1	No	0.60	N/A
T400	Culvert -If	20	No	0.77	N/A
T400	Sign	20	No	2.03	1336
T400		7	No	2.05	1331-32
T400 T400	Sign	2	No	2.05	1331-32
T400 T400	Sign	1	No		N/A
1400	Gate Sign	2	NO No	2.05 2.05	
T400	1.51010		INO	2.05	1335
T400 T401	Gate	1	No	0.00	N/A

T401	Sign	5	No	0.03	0542
T401	Culvert -If	30	No	0.64	N/A
T401	Sign	1	No	2.36	0677
T401	Sign	2	No	3.48	0678
T402	Gate	1	No	0.00	0558
T402	Sign	2	No	0.00	0558
T402	Sign	2	No	0.00	0559
T402	Crib: Rock -cf	100	No	0.14	N/A
T402	Sign	1	No	0.20	0560
T402	Sign	1	Yes	0.23	N/A
T402	Sign	1	No	0.24	0562
T402	Bench	1	No	0.28	0562
T402	Water Control Struc	1	No	0.28	0563
T402	Culvert -If	20	No	0.30	N/A
T402	Water Control Struc	1	No	0.37	N/A
T402	Bridge -sf	265	No	0.42	0568
T402	Water Control Struc	1	No	0.45	N/A
T403	Gate	1	No	0.00	0588
T403	Sign	1	No	0.00	0574
T403	Sign	1	No	0.00	0573
T403	Sign	1	No	0.01	0572
T403	Sign	3	No	0.72	0579
T403	Gate	1	No	0.73	N/A
T403	Sign	1	No	0.74	0581
T403	Sign	3	No	0.79	0582
T403	Other	1	No	0.79	0583
T500	Sign	1	No	0.00	0544
T500	Sign	1	No	0.04	0545
T500	Drain: Rock -each	1	No	0.04	0550
T500	Sign	1	No	0.08	0551
T500	Other	1	No	0.10	0552
T500	Bench	1	No	0.12	0552
T500	Crib: Rock -cf	140	No	0.14	N/A
T500	Bench	1	No	0.18	N/A
T500	Water Bar:Rock -each	60	Yes	0.21	N/A
T500	Lookout/Ob Deck	1	No	0.25	N/A
T500	Culvert -If	20	No	0.27	N/A
T500	Crib: Rock -cf	30	No	0.28	N/A
T500	Bench	1	No	0.30	N/A
T500	Sign	2	No	0.35	0555
T500	Step: Log -each	28	No	0.37	N/A
T500	Crib: Rock -cf	225	No	0.38	N/A
T500	Sign	10	Yes	0.41	N/A
T500	Sign	3	No	0.42	0557
T500	Drain: Rock -each	1	No	0.42	N/A
T501	Bench	1	No	0.07	N/A

cf-cubic feet

MINNESOTA VALLEY NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



Station Name: Minnesota Valley NWR

Org. Code: 32590

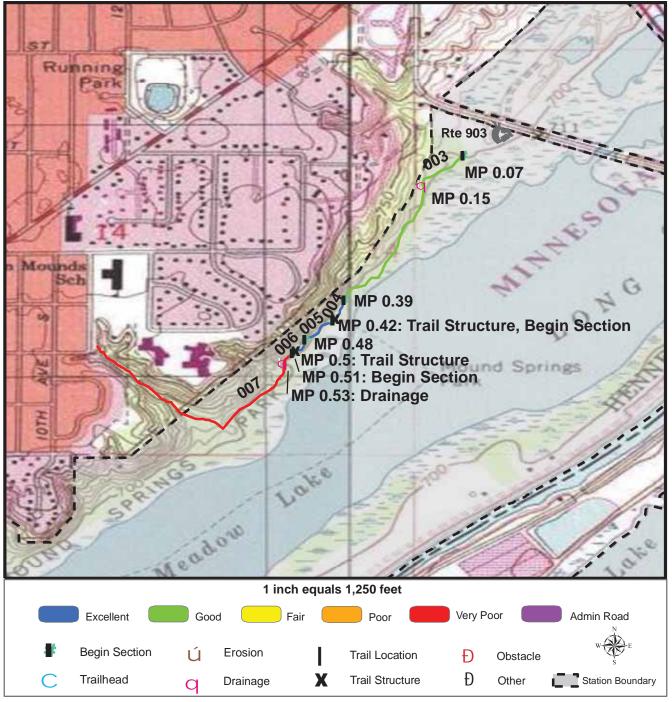
Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T200	Bluff Trail	Gravel, Boardwalk, Native	10012355	3.8	From Cedar Ave Parking (Rte 903) to Lyndale Ave Parking (Rte 904)
T300	Hog Back Ridge Trail	Gravel, Native, Boardwalk, Admin Road	10012412	2.1	From Cedar Ave Parking (Rte 903) to end of trail loop at Sec 002
T301	Middle Road Trail	Admin Road	10012517	1.46	From gate at Jordan Road to State Corridor Trail
T302	Observation Deck Trail	Native	N/A	0.09	From North Lot to Observation Deck
T303	Mazomani Trail	Gravel, Mowed, Native	10012391, 10012512	6.04	From Louisville Swamp Parking (Rte 910) to end of trail loop at Sec 006
T304	Chaska Trail	Admin Road	10012482	2.2	From Chaska Baseball field to end of trail
T305	Fisher Lake Trail	Admin Road	10012451	0.75	From Wilkie Parking (Rte 901) to Blue Lake Trail (T306)
T306	Blue Lake Trail	Admin Road	10012448	0.91	From Fisher Lake Trail (T305) to end of trail
T307	Kopp Trail	Admin Road	10012453	1.02	From Fisher Lake Trail (T305) to end of trail
T308	Bloomington Ferry Trail	Admin Road	10049371	0.88	From Bloomington Ferry Parking (Rte 905) to end of trail
T400	Black Dog Trail	Gravel, Mowed	10012428, 10012434	2.05	From Cliff/Fen Park to end of trail
T401	Kelly Trail	Admin Road	10012365	3.97	From American Blvd. to end of trail
T402	Bass Ponds Trail	Admin Road, Gravel	10012356	0.87	From Bass Ponds Parking (Rte 902) to end of trail loop at Sec 001
T403	Little Prairie Loop Trail	Admin Road	10012519	0.79	From Louisville Swamp Parking (Rte 910) to end of trail
T500	Hillside Trail	Asphalt, Gravel	10012347	0.44	From Visitor Center Parking (Rte 900) to end of trail loop at Sec 001
T501	Bluff Prairie Path	Asphalt	10012355	0.14	From Hillside Trail (T500) to Visitor Center Parking (Rte 900)

	MP 0.42	MP 0			Frailhead, S	inga Coo
Excellent	1 Good	inch equals	750 feet	Very Poor	Admin I	Road
 Begin Section Trailhead Trail Sign Drainage Structure 	Check Dam U Retaining W Raised Trail P Water Bar	Structure	Step Feature Max. Grade Min. Width Intersection	Gate Brid Ben D Othe	lge ^W	S E
Trail Name: Bluff Trail		Refuge	e Name: Minne	esota Valley N	WR	
Trail Number: T200			Region: 3		TOTAL LENG	TH: 3.8 Miles
Section Number Section Length (miles) SAMMS Number Rating Date		001 0.11 10012355 7/20/2006	002 0.09 10012355 7/20/2006	003 0.45 10012355 7/20/2006	004 0.06 10012355 7/20/2006	005 0.07 10012355 7/20/2006
Trail Section Informati Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%)	on	TC3 Gravel Hard 24 4.3 1.6	TC3 Boardwalk Hard 60 4.3 1.6	TC3 Native Firm 24 4.3 1.6	TC3 Boardwalk Paved 45 4.3 1.6	TC3 Native Firm 24 4.3 1.6
Trail Condition Informa Deferred Maintenance CRV FCI Condition	ation	\$0 \$9747 0 Excellent	\$0 \$63240 0 Excellent	\$455 \$25703 0.018 Good	\$151 \$29787 0.005 Excellent	\$0 \$3896 0 Excellent
	7	rail Conditi	ion TOTALS	S		
Deferred						

Deferred CRV		FCI	Condition	
\$69711	\$494902	0.141	Poor	

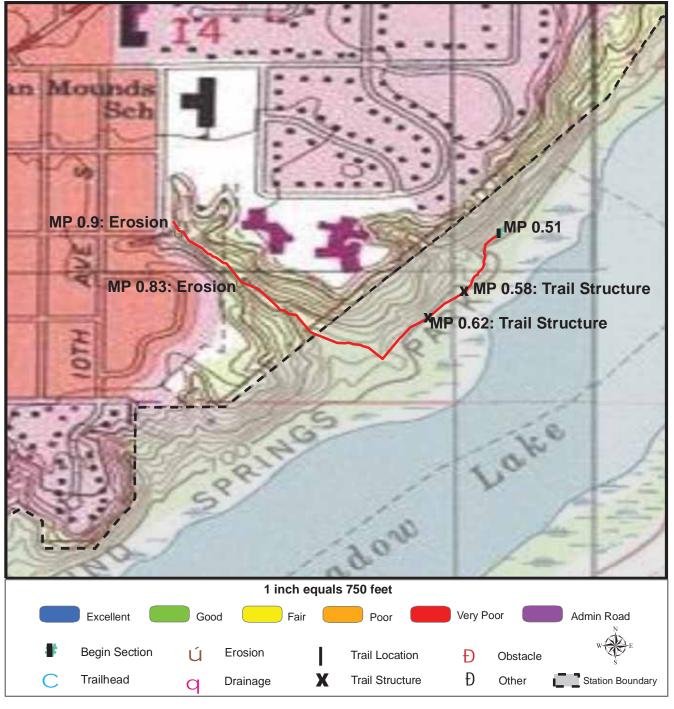
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	ME	0.77: Begin	Section		P 0.51	
A	A A				0.57	
	0		a //~	MP 0.6		
Hill Find Land I was a for the for the second second	1 1000 3	ar ar	MP 0.93		- Lin	
100 20 20 200 200		1.39: Bench,	734 - 10 E - O	MP 0.85	1 Salt	
	Dra	ainage Dips	MI	1.05: Bridge	12/ 2	
the for the second and the	10474 Tap	2 57	MP 1	1.08: Crib: Log 14: Crib: Log	100	
rainCenns	-) . (186	MP 1.48	MP 1.26: P		1	
MALL DOMESTIC	- AL		Post Post	unoncon	Conve	
		MP 1.64	1	3/1 13	That a	
		MP 1.77	e tour	Same the	23	
	008 MP 1.9	C DENFE		1 1 N	B PEAKING	
	008 WP 1.9	50	- 60		155	
MP 2.6	ins parties	TOAKOT		Powerplant		
MP 2.51		alana 1/	20			
MP 2.88	and the second designed to the second designed and the	the for	Lak			
	and for	100	11th -		1	
Rte 904 MP 2.97		- Dog	-	1000		
Rte 904	Bfac			198	A AN	
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1	l inch equals	5 2,500 feet				
Excellent Good	🔵 Fair 🛛 📒	Poor 🧧	Very Poor	Admin Ro	ad	
	1			Ŋ		
Begin Section Check Dam	< <	Step Feature	∎ Gat	W		
C Trailhead U Retaining W		Max. Grade	a Brid	- 24-	×	
Trail Sign 🍴 Raised Trail	Structure	Min. Width	5 Ben	ich ^s		
m Drainage Structure P Water Bar	0	Intersection	Ð Oth	er Station E	Boundary	
Trail Name: Bluff Trail	Refuge	Name: Minne	sota Valley N	WR		
Trail Number: T200		Region: 3		TOTAL LENGT	H: 3.8 Miles	
Section Number	006	007	008		1. 5.0 Willes	
Section Length (miles)	0.04	0.55	2.43			
SAMMS Number	10012355	10012355	10012355			
Rating Date	7/20/2006	7/20/2006	7/20/2006			
	1/20/2000	1/20/2000	1/20/2000			
Trail Section Information	Too	Too	TOO			
Trail Class	TC3	TC3	TC3			
Surface Type	Boardwalk	Native	Native			
Surface Firmness	Hard	Firm	Firm			
Width (inches)	45	24	24			
Average Grade (%)	4.3	4.3	4.3			
Average X-slope (%) 1.6 1.6						
Trail Condition Information						
Deferred Maintenance	\$151	\$9317	\$59637			
CRV	\$22775	\$31813	\$307941			
501			0 4 0 4	1		
FCI	0.007	0.293	0.194			
Condition	0.007 Excellent	0.293 Very Poor	Poor			
Condition		Very Poor	Poor			

Deferred Maintenance	CRV	FCI	Condition	
\$69711	\$494902	0.141	Poor	



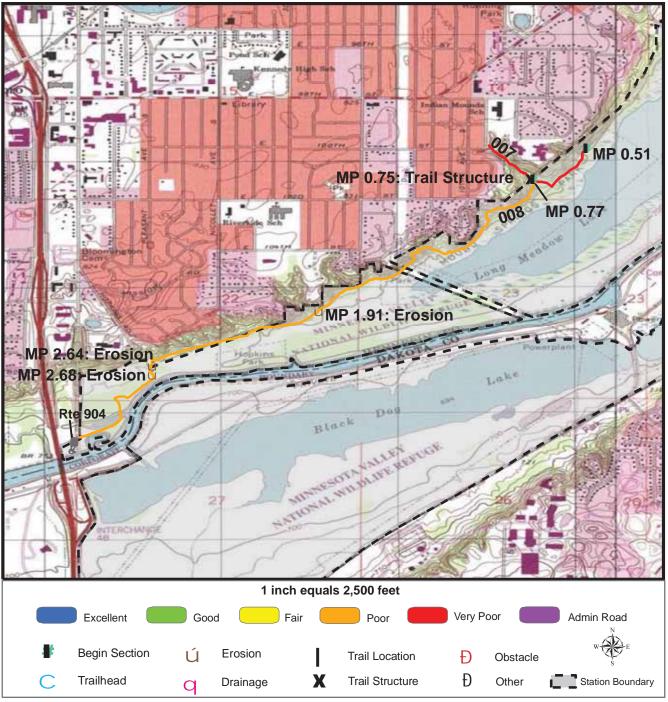
Trail Name: Bluff Trail

Trail Number: T200		Region: 3	TOTAL	LENGTH: 3.8 Miles
Mile Post	0.15	0.42	0.5	0.53
Section Number	003	004	006	007
Photo Number	0631	0640	0643	0646
Deficiency	Drainage	Trail Structure	Trail Structure	Drainage
Action	Build/Add	Repair	Repair	Build/Add
ltem	Boardwalk -If	Boardwalk -If	Boardwalk -If	Boardwalk -If
Quantity	10	5	5	30
Deferred Maintenance	\$455	\$151	\$151	\$1264



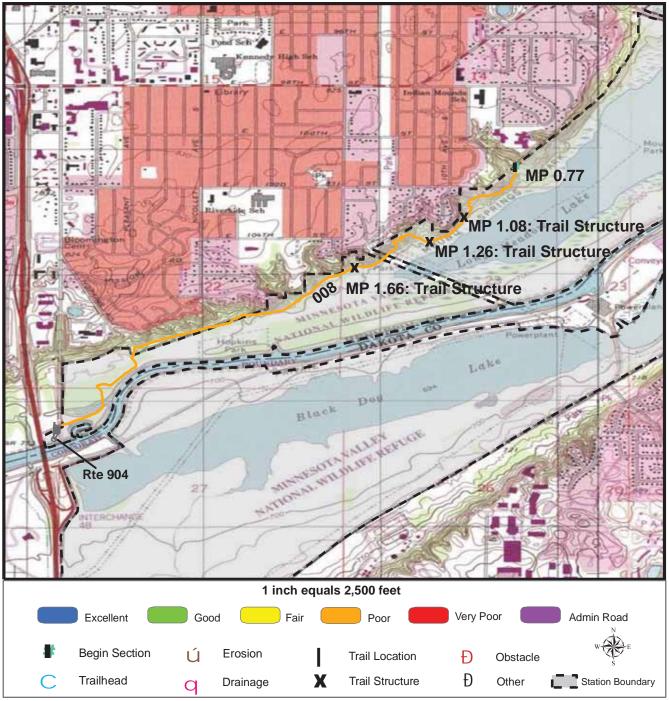
Trail Name: Bluff Trail

•	Trail Number: T200		Region: 3	TOTAL	LENGTH: 3.8 Miles	
	Mile Post	0.83	0.9	0.58	0.62	
	Section Number	007	007	007	007	
	Photo Number	0651	0653	0647	0649	
	Deficiency	Erosion	Erosion	Trail Structure	Trail Structure	
	Action	Build/Add	Build/Add	Build/Add	Repair	
	ltem	Water Bar:Wood -each	Water Bar:Wood -each	Boardwalk -If	Boardwalk -If	
	Quantity	2	10	40	5	
	Deferred Maintenance	\$255	\$1073	\$1668	\$151	
					1 1	



Trail Name: Bluff Trail

Trail Number: T200		Region: 3	TOTAL	LENGTH: 3.8 Miles
Mile Post	0.75	1.91	2.64	2.68
Section Number	007	008	008	008
Photo Number	0650	0660	0663	0664
Deficiency	Trail Structure	Erosion	Erosion	Erosion
Action	Build/Add	Build/Add	Build/Add	Repair
Item	Boardwalk -If	Water Bar:Wood -each	Water Bar:Wood -each	Tread -sf
Quantity	120	2	2	30
Deferred Maintenance	\$4906	\$255	\$255	\$124



Trail Name: Bluff Trail

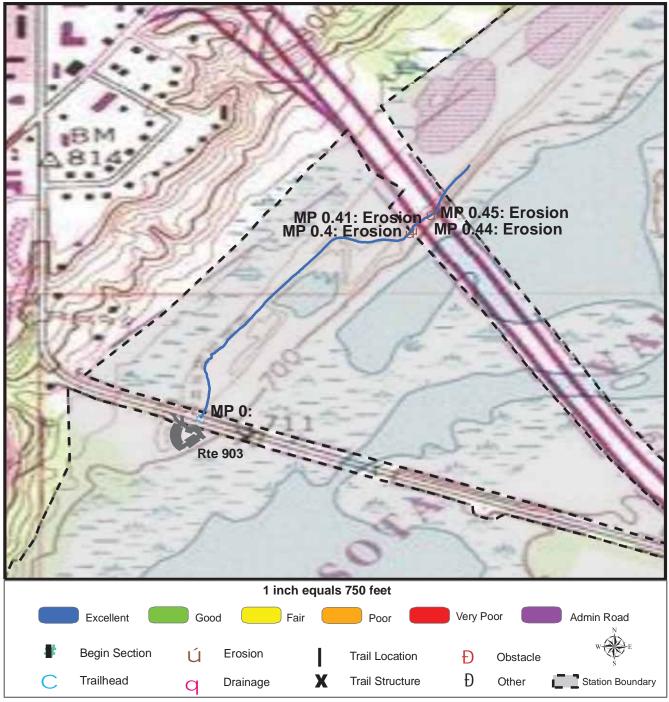
Trail Number: T200		Region: 3	TOTAL	LENGTH: 3.8 Miles
Mile Post	1.08	1.26	1.66	
Section Number	008	008	008	
Photo Number	0655	0655	0659	
Deficiency	Trail Structure	Trail Structure	Trail Structure	
Action	Replace	Repair	Repair	
ltem	Crib: Log -cf	Puncheon -If	Boardwalk -If	
Quantity	75	10	10	
Deferred Maintenance	\$58644	\$107	\$252	
	1			

MP 1.25: Sign, Lookout/Op/Deck MP 1.28 02 MP 1.23: Begin Section MP 1.57: Begin Section MP 1.57: Begin Section MP 1.58: Sign, MP 0.99 MP 0.93 MP 0.93 MP 0.93 MP 0.93 MP 0.43: Crib: Log, MP 0.45: Step: Log, Culvert MP 0.12 MP 0.11: Sign Rte 903 MP 0: Trailhead							
Excellent Begin Section C Trailhead Õ Trail Sign m Drainage Structure Trail Name: Hog Back Ridge Trail Number: T300	u h P		Structure Contractor C	Poor Step Feature Max. Grade Min. Width Intersection	Very Poor a Gat Brid 5 Ben D Other Soota Valley N	ge wt	S S S S S S
Trail Number: T300 Region: 3 TOTAL LENGTH: 2.1 Miles Section Number 001 002 003 004 005 Section Length (miles) 0.52 0.74 0.08 0.36 0.29 SAMMS Number 10012412 10012412 10012412 10012412 10012412 10012412 Rating Date 7/17/2006 7/17/2006 7/17/2006 7/17/2006 7/17/2006 Trail Section Information TC3 TC3 TC3 TC3 TC3 Surface Type Gravel Admin Road Admin Road Gravel Admin Road Gravel Surface Firmness Firm Firm Firm Firm Firm Firm Width (inches) 48 100 100 48 48 1.4 1.4 1.4 1.4 Trail Condition Information Sufficient Information							
CRV FCI Condition		Tı	\$625430 0.001 Excellent	\$0 0 Not Rated	\$0 0 Not Rated	\$0 0 Not Rated	\$32675 0 Excellent

Deferred Maintenance	CRV	FCI	Condition	
\$483	\$682297	0.001	Excellent	

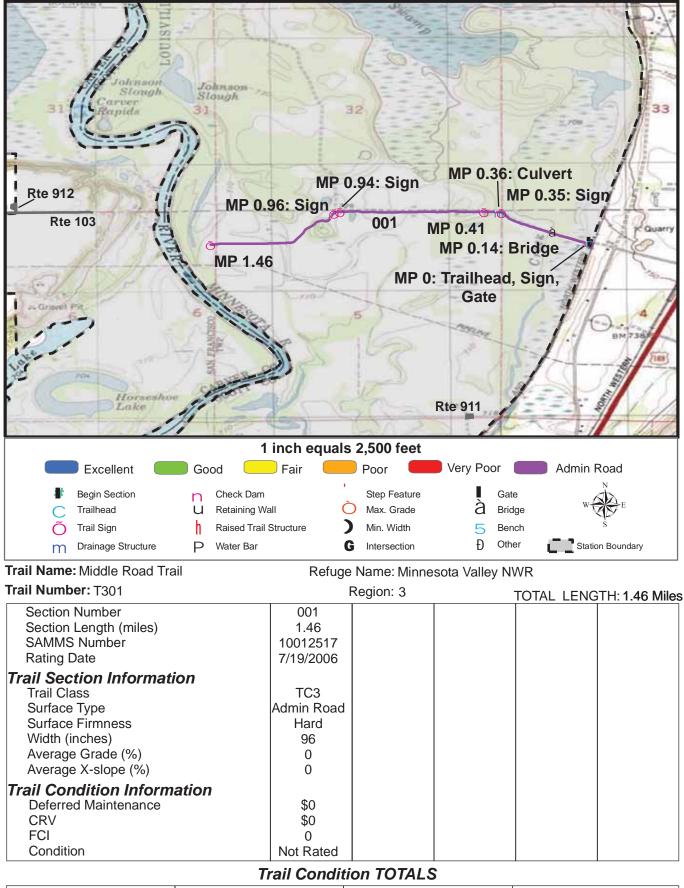
Rte 903	90 ¹ MP 0.34	32	MP 1.6	A A
	1 inch equals	1 000 feet	111-	and the second second
Excellent Good		Poor	Very Poor 🛛 🖊	Admin Road
Begin Section Check C Trailhead U Retainin	Dam ng Wall C Trail Structure	Step Feature Max. Grade Min. Width	Gate Bridge Bench	Station Boundary
Trail Name: Hog Back Ridge Trail	Refuge	Name: Minnes	sota Valley NWR	
Trail Number: T300		Region: 3	TOTAL	LENGTH: 2.1 Miles
Section Number Section Length (miles) SAMMS Number Rating Date	006 0.02 10012412 7/17/2006	007 0.09 10012412 7/17/2006		
Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%)	TC3 Boardwalk Hard 60 2.5 1.4	TC3 Native Hard 36 2.5 1.4		
Trail Condition Information Deferred Maintenance CRV FCI Condition	\$0 \$17074 0 Excellent	\$0 \$7118 0 Excellent		
	Trail Conditi	on TOTALS		

Deferred Maintenance	CRV	FCI	Condition
\$483	\$682297	0.001	Excellent

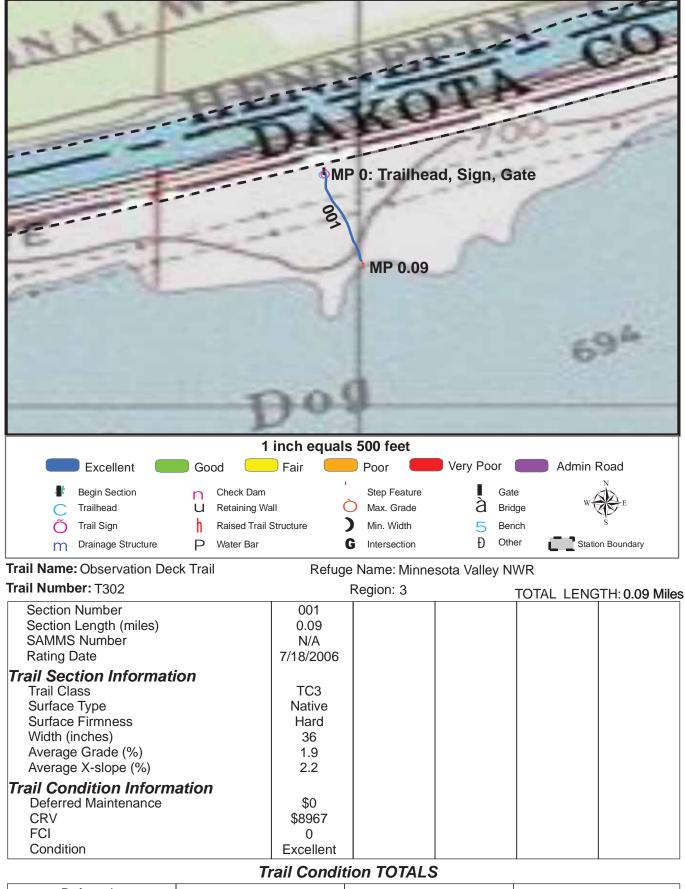


Trail Name: Hog Back Ridge Trail

Trail Number: T300		Region: 3	TOTAL	LENGTH: 2.1 Miles
Mile Post	0.4	0.41	0.44	0.45
Section Number	001	001	001	001
Photo Number	0528	0528	0529	0530
Deficiency	Erosion	Erosion	Erosion	Erosion
Action	Build/Add	Repair	Repair	Repair
ltem	Drainage Dips -each	Tread -sf	Tread -sf	Tread -sf
Quantity	2	30	15	15
Deferred Maintenance	\$172	\$131	\$90	\$90



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



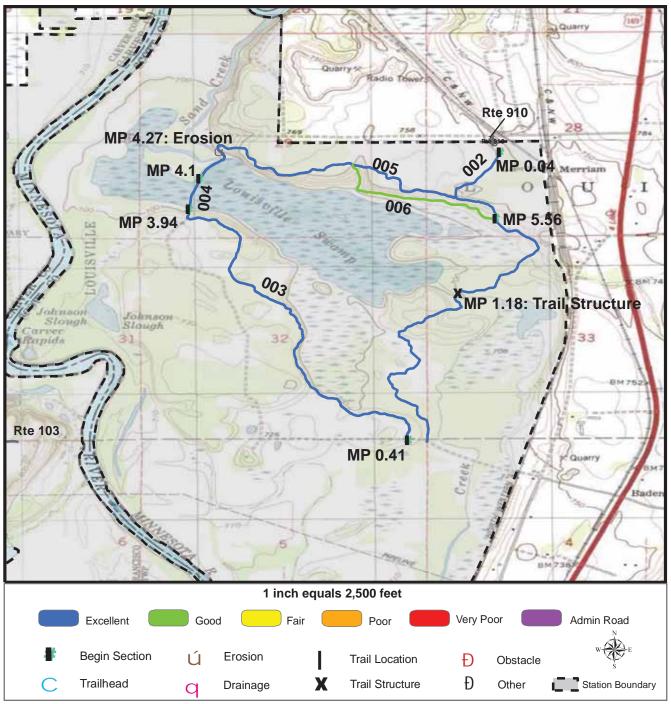
Deferred Maintenance	CRV	FCI	Condition
\$0	\$8967	0	Excellent

MP 4.29: Signs,		MP 0: Tr	ailhead, Sign	C & A W 28			
Intersection	19	MP 0.03: Sig	n Gate	- Min	784		
MP 4.1: Begin Section	MP 4.48	MP 0.0	6: Sign	MR 0.01, 0.02	: Signs		
MP 4.02: Culvert	0	05	MPO	.04! Begin Se	ection		
MP 3.94: Begin Section	ROP	MP 5.33		de la	-073		
			MP 0.53	1 mil	3. (
MP 3.9, 3.91: Signs	MP 3.9, 3.91: Signs MP 0.73 9						
MP 3.81, 3.82: Signs							
AT BOARD	003			A A	8N 748		
	-3	002	3 MP 1.19	1000	1 N/		
Slough Slough	1===	0	120/-7		JUNE .		
Rapids 31	32	MP	1.61	33	1100		
	the letters	2 5	1		1		
///	0==	200	EF-	-	BM752		
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		E. Sign		1 8.2=	- the state of the		
	and the second s	5: Sign	MP 2.23	Fig-			
WIA CILIN (C	MP 2.23: Begin	Section	the start is	Quarry	Alin		
a la	- (f		ree	THE	1.		
the second second	2 P	Jet 1	0	1 Jan	Baden		
	1 inch equals	s 2,500 feet			[
Excellent Good	Fair 🧧	Poor 🧧	Very Poor	Admin F	Road		
Begin Section n Check	Dam	Step Feature	Gat	e			
	ng Wall	Max. Grade	à Brid	ge "T			
	Trail Structure	Min. Width	5 Ben		8		
Drainage Structure P Water B	Bar	Intersection	Ð Oth	er Statio	on Boundary		
Trail Name: Mazomani Trail	Refuge	e Name: Minne	sota Valley N	WR			
Trail Number: T303		Region: 3		TOTAL LENG	TH: 6.04 Miles		
Section Number	001	002	003	004	005		
Section Length (miles)	0.04	2.19	1.71	0.16	1.27		
SAMMS Number Rating Date	10012391 7/19/2006	10012391 7/19/2006	10012391 7/19/2006	10012512 7/19/2006	10012391 7/19/2006		
Trail Section Information	1/19/2000	//19/2000	7/19/2000	//19/2000	7/19/2000		
Trail Class	TC3	тсз	TC3	тсз	тсз		
Surface Type	Gravel	Mowed	Mowed	Gravel	Native		
Surface Firmness	Firm	Firm	Firm	Firm	Firm		
Width (inches)	84	84	18	90	90		
Average Grade (%)	2.9	2.9	2.9	2.9	2.9		
Average X-slope (%)	5.3	5.3	5.3	5.3	5.3		
Trail Condition Information Deferred Maintenance	\$0	\$1971	\$0	\$0	\$0		
CRV	\$8867	\$1971	\$0 \$16759	\$0 \$51057	\$0 \$249119		
FCI	0	0.011	0	0	0		
Condition	Excellent	Excellent	Excellent	Excellent	Excellent		
	Trail Condit	ion TOTALS	S]		
Deferred			-				

Deferred Maintenance	CRV	FCI	Condition	
\$2519	\$543199	0.005	Excellent	

269 0	758	D'	Rte 910	BM 756
Swamp	C		MP 5.	56
Excellent Good	inch equals 7	1,000 feet Poor	Very Poor	Admin Road
 Begin Section Trailhead Retaining Wa Trail Sign Raised Trail Drainage Structure Water Bar 		Step Feature Max. Grade Min. Width Intersection	Gate Bridge Bench D Other	W E Station Boundary
Trail Name: Mazomani Trail Trail Number: T303		Name: Minnes egion: 3	ota Valley NWR	LENGTH: 6.04 Miles
Section Number Section Length (miles) SAMMS Number Rating Date	006 0.67 10012391 7/19/2006	_		
Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%)	TC3 Mowed Firm 84 2.9 5.3			
Trail Condition Information Deferred Maintenance CRV FCI Condition	\$548 \$30634 0.018 Good			
Ti	rail Conditio	n TOTALS	1	

Deferred Maintenance	CRV	FCI	Condition	
\$2519	\$543199	0.005	Excellent	



Trail Name: Mazomani Trail

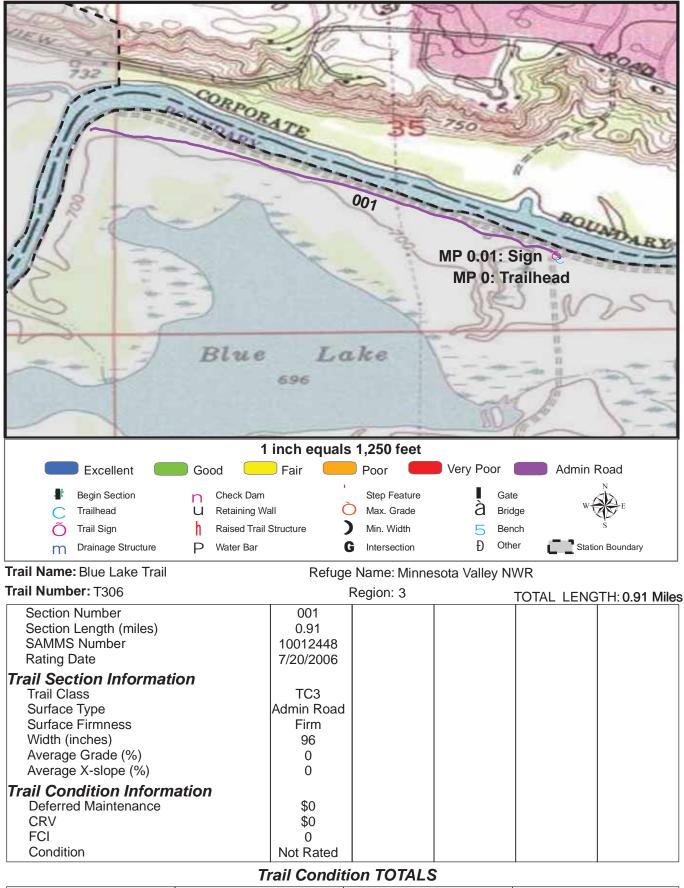
Trail Number: T303		Region: 3	TOTAL LENGTH: 6.04 Miles
Mile Post	1.18	4.27	
Section Number	002	006	
Photo Number	1376	0612	
Deficiency	Trail Structure	Erosion	
Action	Repair	Build/Add	
ltem	Bridge -sf	Water Bar:Rock -each	
Quantity	60	2	
Deferred Maintenance	\$1971	\$548	

	-						
9. 250312	1	Quardian An		1 internet	F. PM TRA	A 145	1.0
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	25	and set	1/1			1	
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MP 1.79; Sign,	Ga	e MD	1.76: Sign	6	Tal	All and	10000
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	CAL	OPP	07	L	U O	IS	VIII
		1	inch equals	2 500 feet			
Excellent	9 Go	od 🦲	Fair	Poor 📃	Very Poor	Admin	Road
Begin Section	n	Check Dam		Step Feature	Ga	te	AR I
C Trailhead	u	Retaining Wa	all 🕻	Max. Grade	а _{Вri}	dge ^W	E E
Trail Sign	h	Raised Trail	Structure	Min. Width	5 Be	nch	S
	P	Water Bar	0		Đ Oth		tion Boundary
	P			-			lon boundary
Trail Name: Chaska Trail				Name: Minne	sota Valley N	IWR	
Trail Number: T304				Region: 3		TOTAL LEN	GTH: 2.2 Miles
Section Number			001	002			
Section Length (miles)			1.79	0.41			
SAMMS Number			10012482	10012482			
Rating Date			7/19/2006	7/19/2006			
Trail Section Information	n						
Trail Class	///		тсз	TC3			
Surface Type				Admin Road			
Surface Firmness			Firm	Firm			
Width (inches)			90	90			
Average Grade (%)			0	90 0			
Average X-slope (%)			0	0			
•••••							
Trail Condition Informa	ntior	1					
Deferred Maintenance			\$0	\$0			
CRV			\$0	\$0			
FCI			0	0			
Condition			Not Rated	Not Rated			
		T	rail Conditi	on TOTALS	5		
Trail Condition TOTALS							

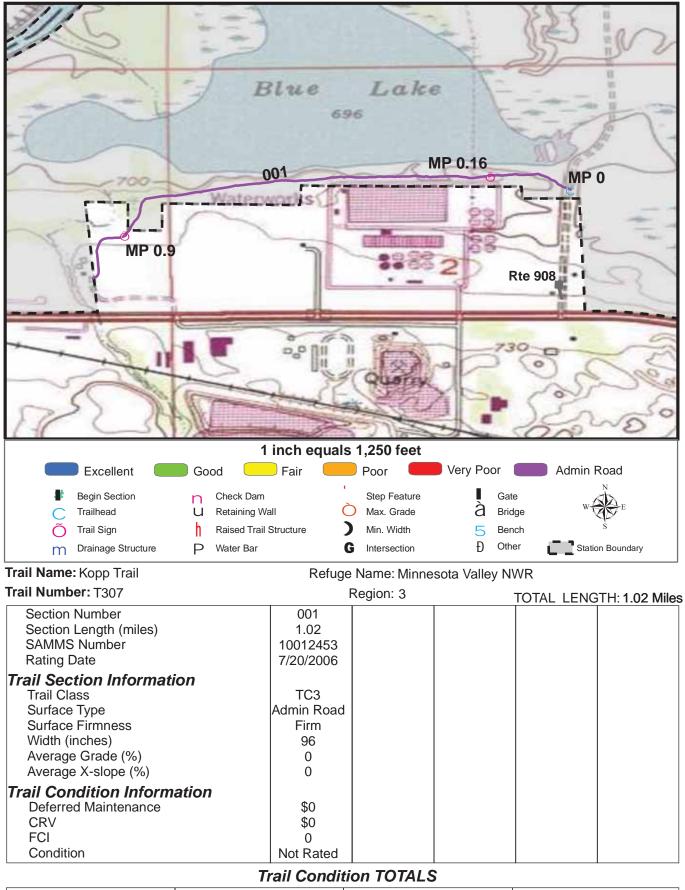
Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

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	02	1	1		Fisher
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ISC	00 51	-MP 0.22:	Intersection	E	
Continuence 1		2			695
1 2882	24	\sim			
	r 4	MP 0: Tra	ilhead, Sign		
	Rte 908	-	R	te 906	
(A) (0)				Rte 102	m
	730	~	NUS		200 2
Quarter		6 19	ear	M	
Excellent	1 i Good	nch equals		Very Poor	Admin Road
_		' raii			N.
Begin Section	Check Dam	Ċ	Step Feature Max. Grade	Gate à Bridge	WEE
O Trail Sign	Raised Trail St	ructure	Min. Width	5 Bench	S
m Drainage Structure	P Water Bar	G	Intersection	Đ Other	Station Boundary
Trail Name: Fisher Lake Trai	I		Name: Minnesc	ota Valley NWR	
Trail Number: T305			Region: 3	TOTAL	LENGTH: 0.75 Miles
Section Number Section Length (miles)		001 0.75			
SAMMS Number		10012451			
Rating Date		7/20/2006			
Trail Section Informati	on	TOO			
Trail Class Surface Type	/	TC3 Admin Road			
Surface Firmness	F	Firm			
Width (inches)		96			
Average Grade (%)		0			
Average X-slope (%)		0			
Trail Condition Inform	ation	A -			
Deferred Maintenance		\$0			
CRV FCI		\$0 0			
Condition		0 Not Rated			
			on TOTALS	I	
Deferred	110				

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



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



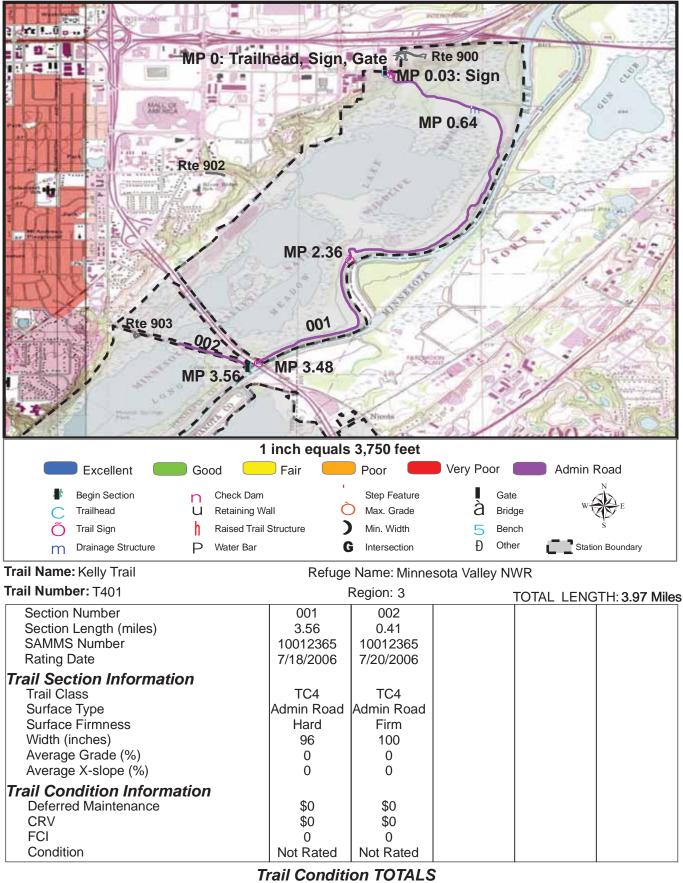
Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Not Rated

	SHAKOPI
MILLINGSOF HELE	MP 0: Trailhead, Sign, Gate 001 Rtè 905
Rte 907	1 inch equals 1,250 feet
Excellent Good	Fair Poor Very Poor Admin Road
 Begin Section Trailhead Trail Sign Raised Trail Drainage Structure Water Bar 	Vall O Max. Grade O Bridge
Trail Name: Bloomington Ferry Trail	Refuge Name: Minnesota Valley NWR
Trail Number: T308	Region: 3 TOTAL LENGTH: 0.88 Miles
Section Number Section Length (miles) SAMMS Number Rating Date	001 0.88 10049371 7/20/2006
Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%)	TC3 Admin Road Firm 96 0 0
Trail Condition Information Deferred Maintenance CRV FCI Condition	\$0 \$0 0 Not Rated
Т	Trail Condition TOTALS
Deferred	

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

Rte 904 MP 1.4 MP 2.05; Signs, Gate MP 2.0	03: Sign!		igns MP	Signs Step 0.06: Sign Vater Contra 0.07: Step 0.08: Brid Regin Sections	, Culvert, Ol Struc : Log ge
Excellent Good	Fair	Poor	Very Poor	Admin F	Road
 Begin Section Trailhead Trail Sign Raised Trail Drainage Structure Water Bar 		Step Feature Max. Grade Min. Width Intersection	Gatu A Brid Brid D Othe	ge w	N E S n Boundary
Trail Name: Black Dog Trail	Refuge	Name: Minne	sota Valley N	WR	
Trail Number: T400	l	Region: 3		TOTAL LENG	TH: 2.05 Miles
Section Number Section Length (miles) SAMMS Number Rating Date	001 0.15 10012428 7/18/2006	002 0.94 10012434 7/18/2006	003 0.29 10012434 7/18/2006	004 0.67 10012434 7/18/2006	
Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%)	TC4 Gravel Hard 36 4.9 3.3	TC3 Gravel Firm 36 4.9 3.3	TC2 Mowed Firm 17 4.9 3.3	TC2 Mowed Firm 17 4.9 3.3	
Trail Condition Information Deferred Maintenance CRV FCI Condition	\$0 \$51468 0 Excellent	\$0 \$85313 0 Excellent	\$0 \$2640 0 Excellent	\$0 \$8048 0 Excellent	
Т	rail Conditi	on TOTALS	5		

Deferred Maintenance	CRV	FCI	Condition
\$0	\$147469	0	Excellent



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

MP 0.3: Begin Section, Culvert MP 0.28: Bench, Water Control Struc MP 0.30 MP 0.37						
River R		an	MP 0.45	42	All All	
1672//00	1 inch ogual	. 750 ((
	1 inch equals 750 feet Excellent Good Fair Poor Very Poor Admin Road					
Excellent Good	Fair	S 750 feet Poor	Very Poor	Admin F	Road	
 Begin Section C Trailhead U R Õ Trail Sign R 	Fair heck Dam etaining Wall aised Trail Structure		Very Poor a Gat brid 5 Ben D Oth	e w / lge v /	S E	
 Begin Section ☐ Trailhead ☐ Trail Sign ☐ Railean 	Fair heck Dam etaining Wall aised Trail Structure /ater Bar	Poor Step Feature Max. Grade Min. Width Intersection	Gat Brid Ben D Oth	e w t	S E	
 Begin Section C Trailhead Q Trail Sign M Drainage Structure P W 	Fair heck Dam etaining Wall aised Trail Structure /ater Bar	Poor Step Feature Max. Grade Min. Width Intersection e Name: Minne	Gat Bric 5 Ben 0th esota Valley N ¹	e w Ige w Inch er T Statio WR	S E	
 Begin Section Trailhead Trail Sign Trail Sign Rain Trail Name: Bass Ponds Trail Trail Number: T402 Section Number Section Length (miles) SAMMS Number Rating Date 	Fair heck Dam etaining Wall aised Trail Structure /ater Bar	Poor Step Feature Max. Grade Min. Width Intersection	Gat Bric 5 Ben 0th esota Valley N ¹	e w Ige w Inch er T Statio WR	S E	
 Begin Section Trailhead Trail Sign Trail Sign Trail Sign Trail Sign P Trail Name: Bass Ponds Trail Trail Number: T402 Section Number Section Length (miles) SAMMS Number Rating Date Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%) Trail Condition Information 	Fair heck Dam etaining Wall aised Trail Structure fater Bar Refug 001 0.2 10012356 7/18/2006 TC4 Admin Road Paved 240 2.3 1.4	Poor Step Feature Max. Grade Min. Width Intersection e Name: Minne Region: 3 002 0.11 10012356 7/18/2006 TC4 Gravel Hard 96 2.3 1.4	■ Gat a Brid 5 Ben D Oth esota Valley N ¹ 003 0.49 10012356 7/18/2006 TC4 Gravel Hard 96 2.3 1.4	e lige w er TOTAL LENG 004 0.07 10012356 7/18/2006 TC4 Gravel Hard 18 2.3 1.4	S E	
 Begin Section Trailhead Trail Sign Trail Sign Trail Sign Trail Sign Rain Trail Name: Bass Ponds Trail Trail Name: Bass Ponds Trail Trail Number: T402 Section Number Section Length (miles) SAMMS Number Rating Date Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%)	Fair heck Dam etaining Wall aised Trail Structure fater Bar Refug 001 0.2 10012356 7/18/2006 TC4 Admin Road Paved 240 2.3	Poor Step Feature Max. Grade Min. Width G Intersection e Name: Minne Region: 3 002 0.11 10012356 7/18/2006 TC4 Gravel Hard 96 2.3	■ Gat à Brid 5 Ben D Oth esota Valley N 003 0.49 10012356 7/18/2006 TC4 Gravel Hard 96 2.3	e lige w er TOTAL LENG 004 0.07 10012356 7/18/2006 TC4 Gravel Hard 18 2.3	N S E	

Deferred Maintenance	CRV	FCI	Condition	
\$0	\$158397	0	Excellent	

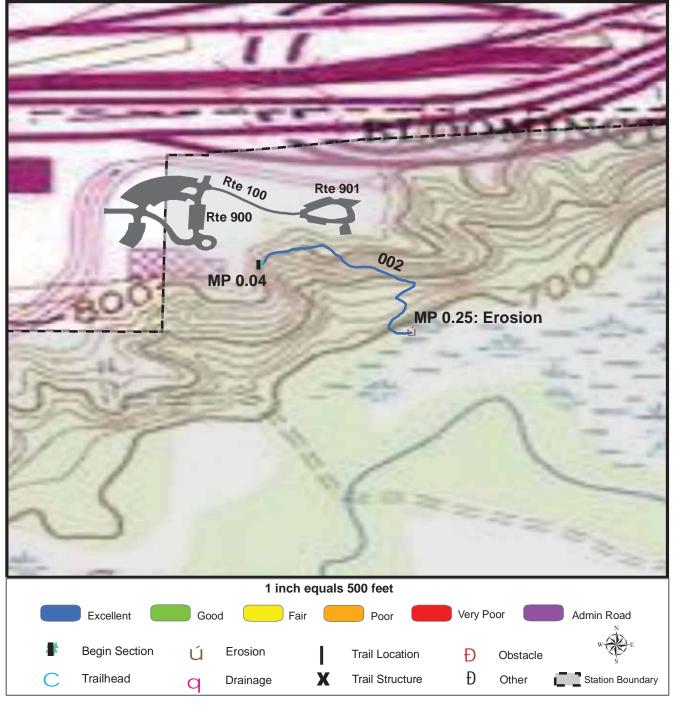
MP 0.74: Sign MP 0.7	5	my *	adio Tr		AP 0: Trailho Ga	
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Excellent	Good 🦳	Fair	Poor	Very Poor	Admin	Road
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Trailhead	U Retaining Wa	•	Max. Grade		dge ^w ī	ap -
Trail Sign	η Raised Trail S		Min. Width	<u> </u>	nch	5
m Drainage Structure	P Water Bar	G	Intersection	Đ Oth	ner Stati	on Boundary
Trail Name: Little Prairie Loo	p Trail		Name: Minne	sota Valley N	WR	
Trail Number: T403			Region: 3		TOTAL LENG	TH: 0.79 Mile:
Section Number Section Length (miles) SAMMS Number Rating Date		001 0.79 10012519 7/19/2006				
Trail Section Informati	on	TOA				
Trail Class Surface Type		TC4 Admin Road				
Surface Firmness		Hard				
Width (inches)		100				
Average Grade (%) Average X-slope (%)		0 0				
Trail Condition Inform	ation	-				
Deferred Maintenance		\$0				
CRV FCI		\$0 0				
Condition		0 Not Rated				
	Tr		on TOTALS		1	1
Deferred						

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

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MP 0: 7	Trailhead, Sig	n 💿 001	MP	0.12: Bench, MP 0.14	Max Grade	11
MP 0.04: Begin Section Sign, Drain:Rock	ı, 		5 million		and the second se	nOF
MP 0.41, 0.42	2: Signs, Drain	n:Rock	MP 0.3	MP 0	-	20
	110-10	MP 0.38 MP 0.37	003	002 MP 0.2		-
		MP 0.35	1	MP 0.2		
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Begin Section	Check Dam	د	Step Feature Max. Grade	∎ Gat à Brid	w	E
Trail Sign	h Raised Trai	•	Min. Width	5 Ben	-	s
Drainage Structure	P Water Bar		G Intersection	Đ Oth	er Statio	on Boundary
Trail Name: Hillside Trail		Refug	- Name: Minne	esota Valley N	WR	
Trail Number: T500		-	Region: 3			
Section Number		001	002	003	TOTAL LENG	TH: 0.44 Miles
Section Length (miles)		0.04	0.21	0.19		
SAMMS Number		10012347	10012347	10012347		
Rating Date		7/18/2006	7/18/2006	7/18/2006		
Trail Section Information	on	TC5	TC5	TC5		
Surface Type		Asphalt	Gravel	Gravel		
Surface Firmness		Paved	Hard	Hard		
Width (inches)		52	52	52		
Average Grade (%) Average X-slope (%)		7.4 3.1	7.4	7.4 3.1		
Trail Condition Informa	ation			0.1		
Deferred Maintenance		\$0	\$158	\$0		
CRV		\$5575	\$44943	\$37519		
FCI		0	0.004	0		
Condition		Excellent	Excellent	Excellent		
· · · · · ·	1	rail Condit	ion TOTALS	S		,
Deferred						

Deferred Maintenance	CRV	FCI	Condition
\$158	\$88037	0.002	Excellent

TRAIL DEFICIENCY



Trail Name: Hillside Trail

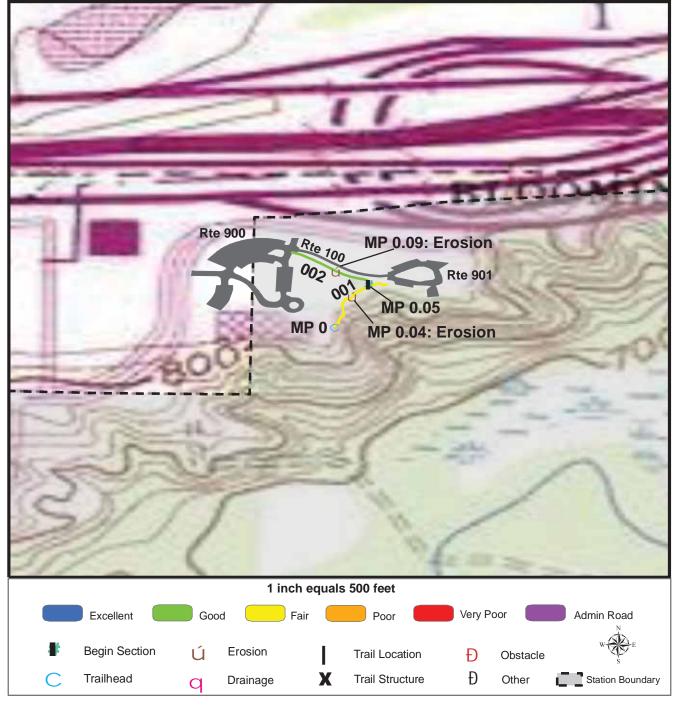
Refuge Name: Minnesota Valley NWR

Trail Number: T500		Region: 3	TOTAL LENGTH: 0.44 Miles
Mile Post	0.25		
Section Number	002		
Photo Number	0554		
Deficiency	Erosion		
Action	Repair		
Item	Tread -sf		
Quantity	40		
Deferred Maintenance	\$158		
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Excellent Good	Fair	Poor 🧧	Very Poor	Admin Road	
Begin Section Check D)am	Step Feature	Gate	N	
Trailhead U Retainin	2	Max. Grade	à Bridge	W	
	Frail Structure	Min. Width	5 Bench	s	
	•	_	<u> </u>		
m Drainage Structure P Water B	ar	Intersection	Ð Other	Station Boundary	
Trail Name: Bluff Prairie Path Refuge Name: Minnesota Valley NWR					
Trail Number: T501		Region: 3	-		
		· · · ·	TOTAL	LENGTH: 0.14 Miles	
Section Number	001	002			
Section Length (miles) SAMMS Number	0.07	0.07			
	10012355 7/18/2006	10012355 7/18/2006			
Rating Date	1/18/2006	1/10/2000			
Trail Section Information					
Trail Class	TC5	TC5			
Surface Type	Asphalt	Asphalt			
Surface Firmness	Paved	Paved			
Width (inches)	52	52			
Average Grade (%)	1.6	1.6			
Average X-slope (%)	2.3	2.3			
Trail Condition Information					
Deferred Maintenance	\$742	\$396			
CRV	\$10443	\$10547			
FCI	0.071	0.038			
Condition	Fair	Good			
	Trail Condit	ion TOTALS			

Deferred Maintenance	CRV	FCI	Condition
\$1138	\$20990	0.054	Fair

TRAIL DEFICIENCY



Trail Name: Bluff Prairie Path

Refuge Name: Minnesota Valley NWR

Trail Number: T501		Region: 3	TOTAL LENGTH: 0.14 Miles
Mile Post	0.04	0.09	
Section Number	001	002	
Photo Number	0548	0549	
Deficiency	Erosion	Erosion	
Action	Repair	Repair	
Item	Tread -sf	Tread -sf	
Quantity	200	100	
Deferred Maintenance	\$742	\$396	

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0623 - MP 0.0 - Trailhead, Sign



Photo # 0624 - MP 0.02 - Sign

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0627 - MP 0.11 - Begin Section 002



Photo # 0631 - MP 0.15 - Drainage Deficiency

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0630 - MP 0.15 - Boardwalk

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0639 - MP 0.39 - Begin Section 004

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0640 - MP 0.42 - Trail Structure Deficiency



Photo # 0641 - MP 0.42 - Begin Section 005

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0642 - MP 0.48 - Begin Section 006



Photo # 0643 - MP 0.5 - Trail Structure Deficiency

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0645 - MP 0.51 - Begin Section 007



Photo # 0646 - MP 0.53 - Drainage Deficiency

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0647 - MP 0.58 - Boardwalk, Trail Structure Deficiency



Photo # 0649 - MP 0.62 - Trail Structure Deficiency

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0648 - MP 0.62 - Boardwalk



Photo # 0650 - MP 0.75 - Trail Structure Deficiency

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0651 - MP 0.83 - Erosion Deficiency



Photo # 0653 - MP 0.9 - Erosion Deficiency

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0654 - MP 1.05 - Bridge



Photo # 0655 - MP 1.08 - Trail Structure Deficiency, Crib: Log

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0655 - MP 1.26 - Trail Structure Deficiency



Photo # 0656 - MP 1.26 - Puncheon

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0657 - MP 1.48 - Check Dam: Log



Photo # 0658 - MP 1.64 - Check Dam: Log

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0659 - MP 1.66 - Trail Structure Deficiency



Photo # 0660 - MP 1.91 - Erosion Deficiency

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0661 - MP 1.96 - Boardwalk



Photo # 0662 - MP 2.6 - Culvert

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0663 - MP 2.64 - Erosion Deficiency



Photo # 0664 - MP 2.68 - Erosion Deficiency

TRAIL NUMBER: **T200** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0665 - MP 2.88 - Bridge, Culvert



Photo # 0526 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300** STATION: Minnesota Valley NWR DATE: 7/17/2006



Photo # 0527 - MP 0.01 - Sign



Photo # 0539 - MP 0.34 - Begin Section 007

TRAIL NUMBER: **T300** STATION: Minnesota Valley NWR DATE: 7/17/2006



Photo # 0528 - MP 0.4 - Erosion Deficiency



Photo # 0529 - MP 0.44 - Erosion Deficiency

TRAIL NUMBER: **T300** STATION: Minnesota Valley NWR DATE: 7/17/2006



Photo # 0530 - MP 0.45 - Erosion Deficiency



Photo # 0531 - MP 0.52 - Begin Section 002

TRAIL NUMBER: **T300** STATION: Minnesota Valley NWR DATE: 7/17/2006



Photo # 0532 - MP 0.93 - Sign



Photo # 0534 - MP 1.23 - Begin Section 003

TRAIL NUMBER: **T300** STATION: Minnesota Valley NWR DATE: 7/17/2006



Photo # 0533 - MP 1.25 - Sign



Photo # 0537 - MP 1.28 - Begin Section 004

TRAIL NUMBER: **T300** STATION: Minnesota Valley NWR DATE: 7/17/2006



Photo # 0538 - MP 1.57 - Begin Section 005



Photo # 0536 - MP 1.58 - Sign

TRAIL NUMBER: **T301** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0589 - MP 0.0 - Trailhead, Sign



Photo # 0590 - MP 0.14 - Bridge

TRAIL NUMBER: **T301** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0591 - MP 0.35 - Sign



Photo # 0592 - MP 0.41 - Sign

TRAIL NUMBER: **T301** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0593 - MP 0.94 - Sign



Photo # 0594 - MP 0.96 - Sign

TRAIL NUMBER: **T301** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0595 - MP 1.46 - Sign



Photo # 1325 - MP 0.0 - Trailhead

TRAIL NUMBER: **T302** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 1326 - MP 0.0 - Sign



Photo # 1356 - MP 0.0 - Trailhead

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 1353-1355 - MP 0.0 - Sign



Photo # 1357 - MP 0.01 - Sign

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 1358 - MP 0.02 - Sign



Photo # 1361, 1362 - MP 0.03 - Sign

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 1363 - MP 0.04 - Begin Section 002



Photo # 1364, 1365 - MP 0.06 - Sign

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 1366-1368 - MP 0.53 - Sign



Photo # 1371 - MP 0.73 - Sign (Grouped Feature)

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 1376 - MP 1.18 - Trail Structure Deficiency, Bridge



Photo # 1378 - MP 1.61 - Bridge

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0596 - MP 2.23 - Begin Section 003



Photo # 1379-1380 - MP 2.23 - Sign

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0597 - MP 2.25 - Sign



Photo # 0600 - MP 3.81 - Sign

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0601 - MP 3.82 - Sign



Photo # 0602 - MP 3.9 - Sign

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0603 - MP 3.9 - Sign



Photo # 0605 - MP 3.91 - Sign

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0606 - MP 3.94 - Begin Section 004



Photo # 0611 - MP 4.1 - Begin Section 005

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0612 - MP 4.27 - Erosion Deficiency



Photo # 0613 - MP 4.29 - Sign

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0614 - MP 4.29 - Sign, Intersection



Photo # 0616 - MP 4.48 - Sign

TRAIL NUMBER: **T303** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 1369 - MP 5.56 - Begin Section 006



Photo # 0618 - MP 0.0 - Trailhead

TRAIL NUMBER: **T304** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0619 - MP 0.0 - Sign, Gate



Photo # 0622 - MP 0.54 - Begin Section 002

TRAIL NUMBER: **T304** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0621 - MP 1.76 - Sign



Photo # 0620 - MP 1.79 - Sign

TRAIL NUMBER: **T305** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0666 - MP 0.0 - Trailhead



Photo # 0667 - MP 0.0 - Sign

TRAIL NUMBER: **T305** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0668 - MP 0.24 - Sign



Photo # 0669 - MP 0.67 - Sign

TRAIL NUMBER: **T306** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0670 - MP 0.0 - Trailhead



Photo # 0671 - MP 0.01 - Sign

TRAIL NUMBER: **T307** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0672 - MP 0.0 - Trailhead



Photo # 0673 - MP 0.16 - Sign (Grouped Feature)

TRAIL NUMBER: **T307** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0674 - MP 0.9 - Sign



Photo # 0676 - MP 0.0 - Trailhead

TRAIL NUMBER: **T308** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0677 - MP 0.0 - Sign



Photo # 1351 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 1348-49 - MP 0.0 - Sign



Photo # 1350 - MP 0.0 - Sign

TRAIL NUMBER: **T400** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 1347 - MP 0.01 - Sign



Photo # 1346 - MP 0.06 - Sign

TRAIL NUMBER: **T400** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 1345 - MP 0.08 - Bridge



Photo # 1344 - MP 0.1 - Sign

TRAIL NUMBER: **T400** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 1334 - MP 0.15 - Begin Section 002



Photo # 1341-42 - MP 0.15 - Sign

TRAIL NUMBER: **T400** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 1328 - MP 0.16 - Sign



Photo # 1330 - MP 0.39 - Water Control Struc

TRAIL NUMBER: **T400** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 1338 - MP 1.12 - Begin Section 003



Photo # 1337 - MP 1.41 - Begin Section 004

TRAIL NUMBER: **T400** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 1336 - MP 2.03 - Sign



Photo # 1331-32 - MP 2.05 - Sign

TRAIL NUMBER: **T400** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 1333 - MP 2.05 - Sign



Photo # 1335 - MP 2.05 - Sign

TRAIL NUMBER: **T401** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0542 - MP 0.03 - Sign



Photo # 0677 - MP 2.36 - Sign

TRAIL NUMBER: **T401** STATION: Minnesota Valley NWR DATE: 7/20/2006



Photo # 0678 - MP 3.48 - Sign



Photo # 0679 - MP 3.56 - Begin Section 002

TRAIL NUMBER: **T402** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0558 - MP 0.0 - Trailhead, Gate, Sign



Photo # 0559 - MP 0.0 - Sign

TRAIL NUMBER: **T402** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0560 - MP 0.2 - Begin Section 002, Sign



Photo # 0561 - MP 0.23 - Sign (Grouped Feature)

TRAIL NUMBER: **T402** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0562 - MP 0.24 - Sign, Bench



Photo # 0563 - MP 0.28 - Water Control Struc

TRAIL NUMBER: **T402** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0565 - MP 0.29 - Begin Section 003



Photo # 0569 - MP 0.3 - Begin Section 004

TRAIL NUMBER: **T402** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0568 - MP 0.42 - Bridge



Photo # 0588 - MP 0.0 - Trailhead, Gate

TRAIL NUMBER: **T403** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0573 - MP 0.0 - Sign



Photo # 0574 - MP 0.0 - Sign

TRAIL NUMBER: **T403** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0572 - MP 0.01 - Sign



Photo # 0579 - MP 0.72 - Sign

TRAIL NUMBER: **T403** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0581 - MP 0.74 - Sign (mislabled sign)



Photo # 0582 - MP 0.79 - Sign (mislabled sign)

TRAIL NUMBER: **T403** STATION: Minnesota Valley NWR DATE: 7/19/2006



Photo # 0583 - MP 0.79 - Other (Trail indistinguishable)



Photo # 0543 - MP 0.0 - Trailhead

TRAIL NUMBER: **T500** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0544 - MP 0.0 - Sign



Photo # 0545 - MP 0.04 - Sign

TRAIL NUMBER: **T500** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0550 - MP 0.04 - Begin Section 002, Drain: Rock



Photo # 0551 - MP 0.08 - Sign

TRAIL NUMBER: **T500** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0552 - MP 0.1 - Other (Interpretative Area seating), Bench



Photo # 0553 - MP 0.23 - Begin Section 003

TRAIL NUMBER: **T500** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0554 - MP 0.25 - Erosion Deficiency



Photo # 0555 - MP 0.35 - Sign

TRAIL NUMBER: **T500** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0556 - MP 0.41 - Sign (Grouped Feature)



Photo # 0557 - MP 0.42 - Sign

TRAIL NUMBER: **T501** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0546 - MP 0.0 - Trailhead



Photo # 0548 - MP 0.04 - Erosion Deficiency

TRAIL NUMBER: **T501** STATION: Minnesota Valley NWR DATE: 7/18/2006



Photo # 0547 - MP 0.05 - Begin Section 002



Photo # 0549 - MP 0.09 - Erosion Deficiency

The Trail Inventory of Morris Watershed Management District Morris, Minnesota





Prepared By: Federal Highway Administration Central Federal Lands Highway Division July, 2006



Morris WMD Trail and Trail Feature Summaries

					Milea	age by T	rail Con	dition					Total
Trail Surface	Exce	ellent	Good		Fa	Fair		Poor		Poor	Not Rated*		Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	WIIICO
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt	0.09	4%		0%		0%		0%		0%		0%	0.09
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	2.33	96%		0%		0%		0%		0%		0%	2.33
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	2.42	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	2.42

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

Trail					Milea	age by T	rail Con	dition					Total
Classificatio	Exce	ellent	Go	od	Fa	Fair		Poor		Poor	Not Rated*		Miles
n	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIC5
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	2.33	96%		0%		0%		0%		0%		0%	2.33
TC5	0.09	4%		0%		0%		0%		0%		0%	0.09
Totals	2.42	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	2.42

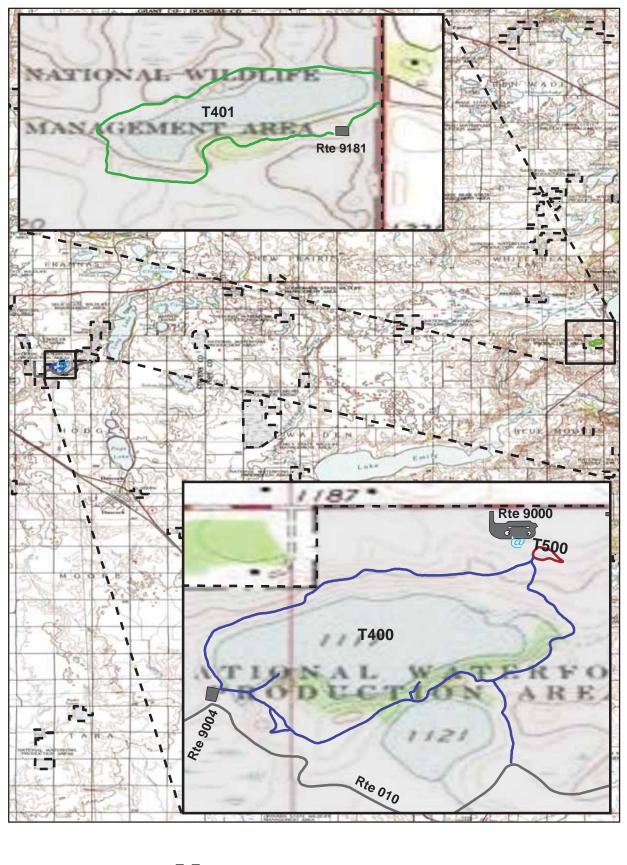
* Admin Roads are included in the inventory but are not rated for condition.

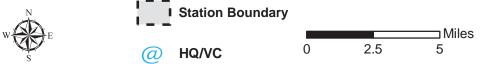
Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Sign	1	No	0.00	1222
T400	Sign	1	No	0.17	1224
T400	Bench	1	No	0.27	N/A
T400	Sign	2	No	0.51	1225
T400	Sign	1	No	0.51	1226
T400	Bridge -sf	500	No	0.53	1227
T400	Sign	2	No	0.54	1228
T400	Sign	3	No	0.59	1230 - 1232
T400	Lookout/Ob Deck	1	No	0.59	N/A
T400	Bench	1	No	0.59	N/A
T400	Sign	1	No	0.78	1237
T400	Bridge -sf	28	No	0.80	1236
T400	Bench	1	No	0.84	N/A
T400	Sign	2	No	0.90	1240
T400	Lookout/Ob Deck	1	No	0.96	N/A
T400	Bridge -sf	180	No	1.02	1243
T400	Sign	1	No	1.03	1242
T401	Sign	1	No	0.00	1244
T500	Sign	1	No	0.00	1221
sf-square feet If-linear feet					

If-linear feet cf-cubic feet

MORRIS WETLAND MANAGEMENT DISTRICT TRAIL LOCATION MAP





TRAILS ID

Station Name: Morris WMD

Org. Code: 32581

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	Prairie Pothole Trail	Mowed	10054546	1.42	From Morris District Office parking (Rte 9000) to end of loop.
T401	Froland Nature Trail	Mowed	10011958	0.91	From Froland parking (Rte 9181) to end of loop
T500	Prairie Pothole Handicap Accessible Trail	Ashpalt	10054545	0.09	From Morris District Office parking (Rte 9000) to end of loop.

TRAIL CONDITION

	HI IIII	MP	MP 0.19 0.27	MP 0.17		Rte 9000	R P 0: Sign, ailhead				
	-				and the second						
MP 0.51: NP 0.59: Lookoutil sign 01 MP 1.02 NP 0.51: NP 0.59: k Bench, sign 0 MP 0.9: Section NP 0.51: NP 0.54: Sign, Begin Section MP 0.8; Sh MP 0.84 9004 MP 0.54: Sign, Begin Section MP 0.79 MP 0.58 MP 0.78: Sign, Begin Section MP 0.96											
0	03	\checkmark	Beg	gin Section	21 1	05	5000				
Rte 010 MP 1.03											
_		1	inch equals	s 500 feet		_					
Excellent	Go	od	Fair E	Poor	Very Poor	Admin	Road				
Begin Section	n	Check Dam		Step Feature	Gat	W					
	U b	Retaining Wa	•	Max. Grade	à Brid	-	ap -				
Trail Sign Drainage Structure	II P	Raised Trail S Water Bar	•	Min. Width G Intersection	5 Ber Đ Oth		on Boundary				
Trail Name: Prairie Pothole	Irail		•	e Name: Morris	s WMD						
Trail Number: T400				Region: 3	000	TOTAL LENG					
Section Number Section Length (miles) SAMMS Number Rating Date			001 1.15 10054546 7/15/2006	002 0.05 10054546 7/15/2006	003 0.06 10054546 7/15/2006	004 0.03 10054546 7/15/2006	005 0.13 10054546 7/15/2006				
Trail Section Informat	ion										
Trail Class Surface Type			TC4 Mowed	TC4 Mowed	TC4 Mowed	TC4 Mowed	TC4 Mowed				
Surface Firmness			Firm	Firm	Firm	Firm	Firm				
Width (inches)			72	84	77	84	72				
Average Grade (%) Average X-slope (%)			9.6 5	9.6 5	9.6 5	9.6 5	9.6 5				
Trail Condition Inform Deferred Maintenance CRV FCI Condition	ation	1	\$0 \$90800 0 Excellent	\$0 \$2100 0 Excellent	\$0 \$2800 0 Excellent	\$0 \$3400 0 Excellent	\$0 \$5400 0 Excellent				
		T		ion TOTAL							
Deferred											

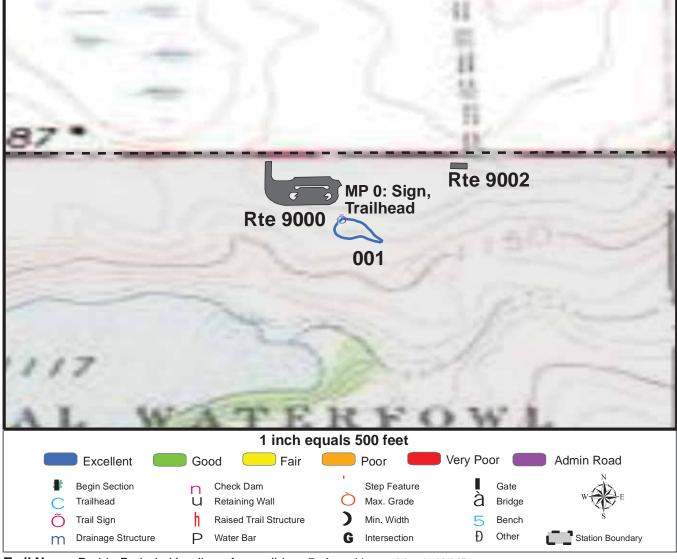
Deferred Maintenance	CRV	FCI	Condition
\$0	\$104500	0	Excellent

TRAIL CONDITION

TIONA	I-W	001	ARE	0.85: Max O Begin IP 0: Sign, Trailhead	n Section	C.R. R. R. C.
		inch equals		Very Poor	Admin	Pood
Excellent Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Froland Nature T	Good Check Dam U Retaining Wa Raised Trail P Water Bar	Structure	Poor Step Feature Max. Grade Min. Width G Intersection	5 Be Đ Oth	dge ^W	N S S S S
Trail Number: T401 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%) Trail Condition Information Deferred Maintenance CRV FCI	on	001 0.85 10011958 7/15/2006 TC4 Mowed Firm 60 7.5 7.6 \$0 \$28300 0	Region: 3 002 0.06 10011958 7/15/2006 TC4 Mowed Firm 60 7.5 7.6 \$0 \$2000 0		TOTAL LENG	GTH: 0.91 Miles
Condition	Т	Excellent	Excellent	 S	1	
Deferred						

Deferred Maintenance	CRV	FCI	Condition
\$0	\$30300	0	Excellent

TRAIL CONDITION



Trail Name: Prairie Pothole Handicap Accessible Refuge Name: Morris WMD

Trail Number: T500	Region: 3	TOTAL LENGTH: 0.09 Miles
Section Number	001	
Section Length (miles)	0.09	
SAMMS Number	10054545	
Rating Date	7/15/2006	
Trail Section Information		
Trail Class	TC5	
Surface Type	Asphalt	
Surface Firmness	Paved	
Width (inches)	96	
Average Grade (%)	4.1	
Average X-slope (%)	5.4	
Trail Condition Information		
Deferred Maintenance	\$0	
CRV	\$26700	
FCI	0	
Condition	Excellent	
	Troil Condition TOTAL	

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$26700	0	Excellent

TRAIL NUMBER: **T400** STATION: Morris WMD DATE: 7/15/2006



Photo # 1223 - MP 0.0 - Trailhead



Photo # 1222 - MP 0.0 - Sign



Photo # 1224 - MP 0.17 - Sign



Photo # 1225 - MP 0.51 - Sign



Photo # 1226 - MP 0.51 - Sign

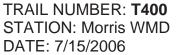




Photo # 1227 - MP 0.53 - Bridge

TRAIL NUMBER: TAO STATION: Morris WMD DATE: 7/15/2006

Photo # 1228 - MP 0.54 - Sign



Photo # 1229 - MP 0.54 - Begin Section 002

TRAIL NUMBER: **T400** STATION: Morris WMD DATE: 7/15/2006



Photo # 1233 - MP 0.58 - Begin Section 003



Photo # 1230 - 1232 - MP 0.59 - Sign

TRAIL NUMBER: **T400** STATION: Morris WMD DATE: 7/15/2006



Photo # 1235 - MP 0.78 - Begin Section 004



Photo # 1237 - MP 0.78 - Sign

TRAIL NUMBER: **T400** STATION: Morris WMD DATE: 7/15/2006



Photo # 1236 - MP 0.8 - Bridge



Photo # 1240 - MP 0.9 - Sign

TRAIL NUMBER: **T400** STATION: Morris WMD DATE: 7/15/2006



Photo # 1241 - MP 0.9 - Begin Section 005



Photo # 1243 - MP 1.02 - Bridge

TRAIL NUMBER: **T400** STATION: Morris WMD DATE: 7/15/2006



Photo # 1242 - MP 1.03 - Sign



Photo # 1245 - MP 0.0 - Trailhead



Photo # 1244 - MP 0.0 - Sign

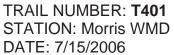




Photo # 1246 - MP 0.85 - Begin Section 002

TRAIL NUMBER: **T500** STATION: Morris WMD DATE: 7/15/2006



Photo # 1220 - MP 0.0 - Trailhead



Photo # 1221 - MP 0.0 - Sign

The Trail Inventory of Rydell National Wildlife Refuge Erskine, Minnesota





Prepared By: Federal Highway Administration Central Federal Lands Highway Division July, 2006



Rydell NWR Trail and Trail Feature Summaries

					Milea	age by T	rail Con	dition					Total
Trail Surface	Exce	ellent	Go	bod	F	air	P	oor	Very	Poor	Not F	Rated*	Total Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	Wines
Native		0%		0%		0%		0%		0%		0%	0.00
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt	3.95	80%		0%		0%		0%		0%		0%	3.95
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk	0.27	5%		0%		0%		0%		0%		0%	0.27
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Admin Road		0%		0%		0%		0%		0%	0.71	14%	0.71
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	4.22	86%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.71	14%	4.93

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

		Mileage by Trail Condition											
Trail		ellent	Go	bod	F	Fair		Poor		Poor	Not Rated*		Total Miles
Classification	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	WIIIC3
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	1.09	22%		0%		0%		0%		0%	0.71	14%	1.80
TC5	3.13	63%		0%		0%		0%		0%		0%	3.13
Totals	4.22	86%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.71	14%	4.93

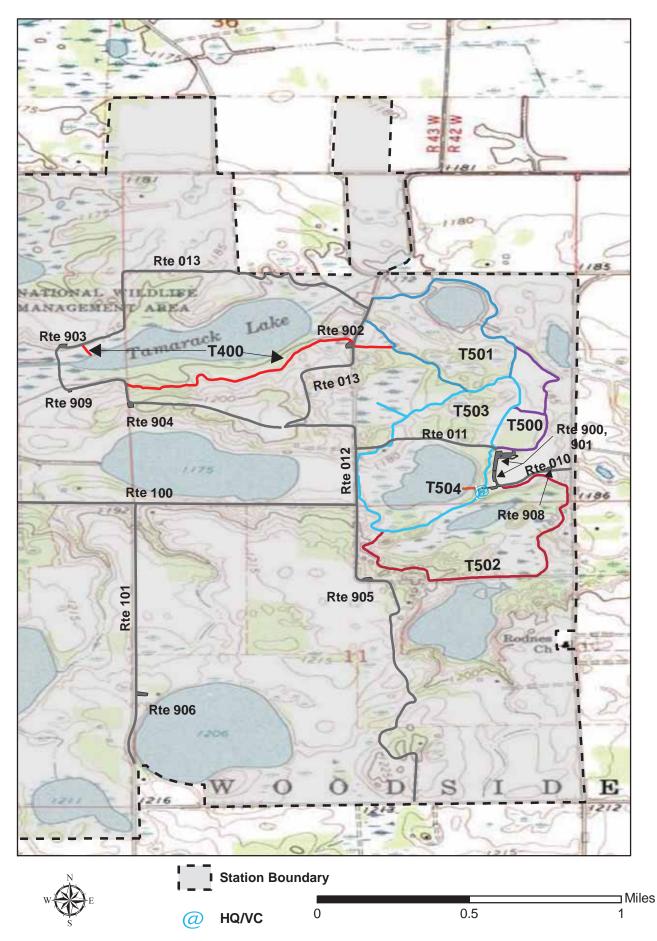
Admin Roads are included in the inventory but are not rated for condition

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Sign	1			1073
T400	Bench	1		0.71	N/A
T400	Lookout/Ob Deck	1		0.75	N/A
T500	Sign	1		0.01	1060
T500	Bench	1		0.22	N/A
T500	Sign	1			1062
T501	Sign	1		0.00	1064
T501	Bench	1		0.00	N/A
T501	Sign	8	Yes	0.04	1066
T501	Sign	1		0.08	1067
T501	Culvert -If	30		0.20	N/A
T501	Lookout/Ob Deck	1		0.22	N/A
T501	Culvert -If	20		0.52	N/A
T501	Sign	1		0.64	1070
T501	Lookout/Ob Deck	1		0.64	N/A
T501	Sign	1		1.01	1071
T502	Sign	1		0.00	1080
T502	Bench	1		0.00	N/A
T502	Lookout/Ob Deck	1		0.29	N/A
T502	Culvert -If	20		0.58	N/A
T502	Culvert -If	15		0.86	N/A
T502	Sign	1		1.05	1081
T503	Sign	2		0.01	1083
T503	Sign	1		0.01	1084
T503	Sign	1		0.25	1085
T503	Lookout/Ob Deck	1		0.25	N/A
T503	Sign	2	Yes	0.38	1086
T503	Sign	1		0.49	1087
T503	Bench	1		0.49	N/A
T503	Lookout/Ob Deck	1		0.58	N/A
T503	Culvert -If	10		0.67	N/A
T503	Sign	1			1089
T503	Bench	1		0.68	
T503	Bench	1		0.94	
T503	Culvert -If	20		1.35	
T503	Sign	2			1092
T503	Sign	1			1093
T503	Sign	1			1094
T504	Sign	1			1096
T504	Sign	1			1100 N//A
T504 sf-square feet	Bench	2		0.04	IN/A
lf-linear feet					

If-linear feet cf-cubic feet

RYDELL NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



10-2

Station Name: Rydel NWR

Org. Code: 32583

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T400	Tamarac Lake Trail	Admin Road / Boardwalk	10012045	0.75	From Trailhead to Auto Tour Road (Rte 013)
T500	Rice Lake	Asphalt	10053158	0.57	From Trailhead to Golden Pond Trail
T501	Round Lake Trail	Asphalt	10053159	1.01	From Trailhead to Golden Pond Trail
T502	Church Lake Trail	Asphalt	10012045	1.05	From Trailhead to Headquarters Parking (Rte 900)
T503	Golden pond trail	Asphalt / Boardwalk	10053157	1.51	From Trailhead to Headquarters Parking Lot (Rte 900)
T504	Golden Pond Observation Deck Trail	Boardwalk	N/A	0.04	From Headquarters to end

462				
0-7 Ju	- Col	000	RR	Sh
ATIONAL WIEDLI	e 013	S	S	The TR
ANAGEMENT ARE	A () /		Vini	J. S. C.W
MP 0.71 Rte 903 002	rack	Lake	MP 0.1 Rte 902	MP 0
MP 0.75	004			12in
MP 0.71	001		A ALASSA	JF = ()
		1 and	(1932)	6
Rte 909	1200	-	WE Can	
	7	-15	SERVER	
Rte 904	L'and		2	
	1945			Rte 011
SFA	Jus	all	Rte 012	210
				1 10 × 11 = 1
				184-5
	1175			
			the second se	
	1 inch equals	1,000 feet		
Excellent Good	📃 Fair 🛛 📃	Poor 🧧	Very Poor	Admin Road
Begin Section Check Dar	n	Step Feature	Gate	N
Trailhead U Retaining	2	Max. Grade	à Bridge	WEE
C Trailhead U Retaining	2	Max. Grade		W E
C Trailhead U Retaining Õ Trail Sign │ Raised Tra	Wall	Min. Width	5 Bench	W E Station Boundary
C Trailhead U Retaining Õ Trail Sign ↑ Raised Trail M Drainage Structure P Water Bar	Wall C	Min. Width Intersection	5 Bench D Other	W E Station Boundary
C Trailhead U Retaining Õ Trail Sign h Raised Trail M Drainage Structure P Water Bar	Wall Contractor Contra	Min. Width Intersection	5 Bench D Other	W S Station Boundary
C Trailhead U Retaining Õ Trail Sign ↑ Raised Trail M Drainage Structure P Water Bar	Wall Contractor Contra	Min. Width Intersection	5 Bench D Other	Station Boundary
C Trailhead U Retaining Õ Trail Sign h Raised Trail M Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number	Wall Carlos Andrew Carlos Andr	Min. Width Intersection Name: Rydell Region: 3 002	5 Bench D Other	
C Trailhead U Retaining Õ Trail Sign h Raised Trail M Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) Section Length (miles) Section Length (miles)	Wall Carlor Wall C	Min. Width Intersection Name: Rydell Region: 3 002 0.04	5 Bench D Other	
C Trailhead U Retaining Õ Trail Sign h Raised Trail M Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number SAMMS Number	Wall C C C C C C C C C C C C C C C C C C	Min. Width Intersection Name: Rydell Region: 3 002 0.04 10012045	5 Bench D Other	
C Trailhead U Retaining Õ Trail Sign h Raised Trail m Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date	Wall Carlor Wall C	Min. Width Intersection Name: Rydell Region: 3 002 0.04	5 Bench D Other	
C Trailhead U Retaining Õ Trail Sign h Raised Trail m Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information	Wall C all Structure C all Structure C all C all Structure C all C	Min. Width Intersection Name: Rydell Region: 3 002 0.04 10012045 7/11/2006	5 Bench D Other	
C Trailhead U Retaining Õ Trail Sign h Raised Trail M Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information Trail Class	Wall C all Structure C all Structure C all	Min. Width Intersection Name: Rydell Region: 3 002 0.04 10012045 7/11/2006 TC4	5 Bench D Other	
C Trailhead U Retaining Õ Trail Sign h Raised Trail m Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information	Wall C all Structure C all Structure C all C all Structure C all C	Min. Width Intersection Name: Rydell Region: 3 002 0.04 10012045 7/11/2006	5 Bench D Other	
C Trailhead U Retaining Trail Sign A Raised Trail Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date Trail Class Surface Type Surface Firmness Width (inches)	Wall C ail Structure C Refuge 001 0.71 10012045 7/11/2006 TC4 Admin Road	Min. Width Intersection Name: Rydell Region: 3 002 0.04 10012045 7/11/2006 TC4 Boardwalk Hard 60	5 Bench D Other	
C Trailhead U Retaining Trail Sign A Raised Trail Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%)	Wall () ail Structure () Refuge 001 0.71 10012045 7/11/2006 TC4 Admin Road Firm 140 2.6	Min. Width Intersection Name: Rydell Region: 3 002 0.04 10012045 7/11/2006 TC4 Boardwalk Hard 60 2.6	5 Bench D Other	
C Trailhead U Retaining Trail Sign A Raised Trail Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date Trail Class Surface Type Surface Firmness Width (inches)	Wall iil Structure Refuge 001 0.71 10012045 7/11/2006 TC4 Admin Road Firm 140	Min. Width Intersection Name: Rydell Region: 3 002 0.04 10012045 7/11/2006 TC4 Boardwalk Hard 60	5 Bench D Other	
C Trailhead U Retaining Trail Sign A Raised Trail Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%) Trail Condition Information	Wall iil Structure Refuge 001 0.71 10012045 7/11/2006 TC4 Admin Road Firm 140 2.6 3.5	Min. Width Intersection Name: Rydell Region: 3 002 0.04 10012045 7/11/2006 TC4 Boardwalk Hard 60 2.6 3.5	5 Bench D Other	
C Trailhead U Retaining Trail Sign A Raised Trail Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%) Trail Condition Information Deferred Maintenance	Wall () ail Structure () Refuge 001 0.71 10012045 7/11/2006 TC4 Admin Road Firm 140 2.6 3.5 \$0	Min. Width Intersection Name: Rydell Region: 3 002 0.04 10012045 7/11/2006 TC4 Boardwalk Hard 60 2.6 3.5 \$0	5 Bench D Other	
C Trailhead U Retaining Trail Sign A Raised Trail Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%) Trail Condition Information Deferred Maintenance CRV	Wall () ail Structure () Refuge 001 0.71 10012045 7/11/2006 TC4 Admin Road Firm 140 2.6 3.5 \$0 \$0	Min. Width Intersection Name: Rydell Region: 3 002 0.04 10012045 7/11/2006 TC4 Boardwalk Hard 60 2.6 3.5 \$0 \$28600	5 Bench D Other	
C Trailhead U Retaining Trail Sign A Raised Trail Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%) Trail Condition Information Deferred Maintenance CRV FCI	Wall iil Structure Refuge 001 0.71 10012045 7/11/2006 TC4 Admin Road Firm 140 2.6 3.5 \$0 \$0 0 0	Min. Width Intersection Name: Rydell Region: 3 002 0.04 10012045 7/11/2006 TC4 Boardwalk Hard 60 2.6 3.5 \$0 \$28600 0	5 Bench D Other	
C Trailhead U Retaining Trail Sign A Raised Trail Drainage Structure P Water Bar Trail Name: Tamarac Lake Trail Trail Number: T400 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average Grade (%) Average X-slope (%) Trail Condition Information Deferred Maintenance CRV FCI Condition	Wall () ail Structure () Refuge 001 0.71 10012045 7/11/2006 TC4 Admin Road Firm 140 2.6 3.5 \$0 \$0	Min. Width Intersection Name: Rydell Region: 3 002 0.04 10012045 7/11/2006 TC4 Boardwalk Hard 60 2.6 3.5 \$0 \$28600 0 Excellent	5 Bench D Other NWR TOTAL	

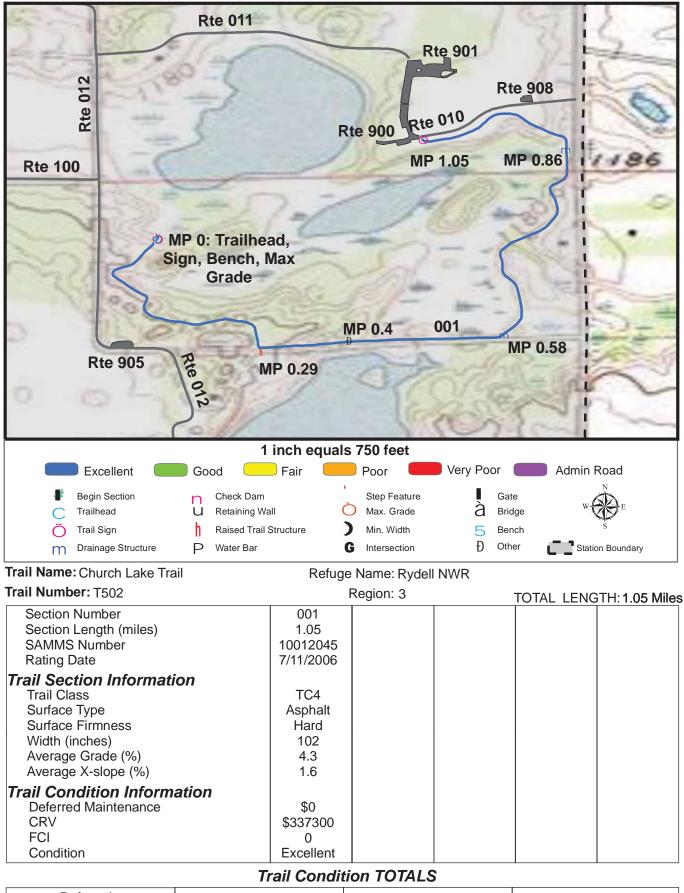
Deferred Maintenance	CRV	FCI	Condition
\$0	\$28600	0	Excellent

	MP 0.4	96 MP 0.4	B 007		- Line	101
Rte 011	- AR	002 MP	0.22 MP 0.	21		New N
M	PO MPO	0.01		7	2 3	-
	Rte	901	A			10
		inch equals				
Excellent	Good	Fair	Poor 📃	Very Poor	Admin	Road
	Check Dam U Retaining Wa	all Č	Step Feature Max. Grade	Gate A Brid	W/	E
 Trail Sign 	h Raised Trail	•	Min. Width	5 Ben		S I
	P Water Bar		G Intersection	Đ Othe		on Boundary
Trail Name: Rice Lake		Refuge	e Name: Rydel	INWR		
Trail Number: T500			Region: 3		TOTAL LENG	GTH: 0.57 Miles
Section Number		001	002			
Section Length (miles)		0.49	0.08			
SAMMS Number		10053158 7/11/2006	10053158 7/11/2006			
Rating Date Trail Section Information	,	//11/2000	//11/2000			
Trail Class	1	TC5	TC5			
Surface Type		Asphalt	Asphalt			
Surface Firmness		Paved	Paved			
Width (inches)		100 2	108 2			
Average Grade (%) Average X-slope (%)		2.3	2.3			
Trail Condition Informati	on					
Deferred Maintenance		\$0	\$0			
CRV		\$153500	\$26200			
FCI Condition		0 Excellent	0 Excellent			
Condition	-					<u> </u>
Deferred		rall Condit	ion TOTALS			

Deferred Maintenance	CRV	FCI	Condition
\$0	\$179700	0	Excellent

- MAN	72 5	001		
Rte 073	MP 0.52			G
				01
MP 0.64: Look Begin Sec		No	MP 0.2	22
Rte 902 CN	NP 0.76	30	MP	0.08
1000	002		MP	0.04 Ø
	-7(1		MP 1.01	MP 0: Trailhead, Bench, Sign
The Haller	1 inch equa	als 500 feet	Same S	11
Excellent G	ood 🦲 Fair 🧧	Poor 🧧	Very Poor	Admin Road
Begin Section	Check Dam	Step Feature	Gate	
C Trailhead U	Ū.	Max. Grade	à Bridge	W S C
ο Trail Sign ή	Raised Trail Structure	Min. Width	5 Bench	
Drainage Structure P	Water Bar	G Intersection	Ð Other	Station Boundary
Trail Name: Round Lake Trail	Refu	ge Name: Rydell	NWR	
Trail Number: T501		Region: 3	TOTA	L LENGTH: 1.01 Miles
Section Number	001	002		
Section Length (miles) SAMMS Number	0.65	0.36 10053159		
Rating Date	7/11/2006			
Trail Section Information				
Trail Class	TC5	TC5		
Surface Type	Asphalt	Asphalt		
Surface Firmness Width (inches)	Paved 108	Paved 108		
Average Grade (%)	1.5	1.5		
Average X-slope (%)	1.8	1.8		
Trail Condition Informatio				
Deferred Maintenance	\$0	\$0		
CRV FCI	\$226100			
Condition	0 Excellent	0 Excellent		
			 	
		ition TOTALS		

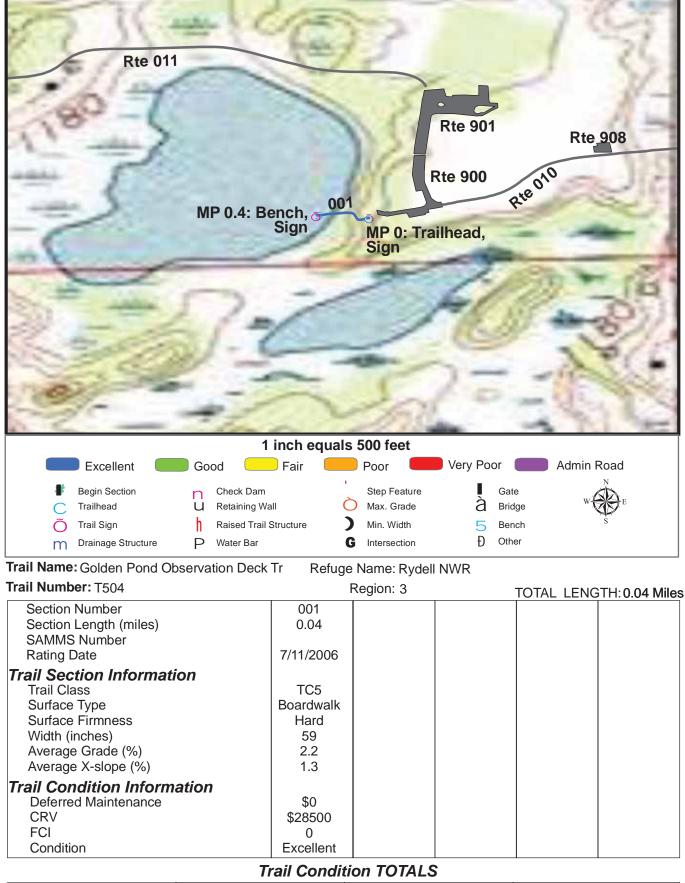
Deferred Maintenance	CRV	FCI	Condition
\$0	\$346400	0	Excellent



Deferred Maintenance	CRV	FCI	Condition
\$0	\$337300	0	Excellent

Rte 013	the stand		1 =1	1 C	SEL							
S BASE D	= 30	AP 0.49: Sig	yn, M	P 0.38	Nº ta							
	- /1"	Bench	~	1 -								
MP 0.68: Begin 002 MP 0.58 MP 0.25: Lookout/												
MP 0.68: Begin MP 0.67 MP 0.25: Lookout												
Rte 011												
Rte	Rte 901											
MP 0.9	9-5	1		Rte	08							
MP 0.94	MD	0.01. 2. Sig	Rte 9	00 Rte 010	1011							
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MP 1.01			^P MP 1.43:	and the second division of the second divisio	- 110							
Rte 100	000	MP 1.35	MP 1.41: 2 S	Signs	191							
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	1 inch equals			—								
Excellent Good	Fair	Poor 📃	Very Poor	Admin F	Road							
Begin Section n Check Trailhead U Retain	ing Wall	Step Feature Max. Grade	∎ Gat À Brid	wi	E							
	d Trail Structure	Min. Width	5 Ber	-	s							
m Drainage Structure P Water	Bar	G Intersection	Đ Oth		on Boundary							
Trail Name: Golden pond trail	Refuge	e Name: Rydel	INWR									
Trail Number: T503		Region: 3		TOTAL LENG	TH: 1.51 Miles							
Section Number	001	002	003	004								
Section Length (miles) SAMMS Number	0.9	0.08	0.11 10053157	0.42 10053157								
Rating Date	10053157 7/11/2006	7/11/2006	7/11/2006	7/11/2006								
Trail Section Information												
Trail Class	TC5	TC5	TC5	TC5								
Surface Type	Asphalt	Boardwalk	Boardwalk	Asphalt								
Surface Firmness	Paved	Hard	Hard	Paved								
Width (inches)	100	60	60	100								
Average Grade (%) Average X-slope (%)	2.9 2.6	2.9 2.6	2.9 2.6	2.9 2.6								
Trail Condition Information	2.0	2.0	2.0	2.0								
Deferred Maintenance	\$0	\$0	\$0	\$0								
CRV	\$281900	\$58000	\$82700	\$134500								
FCI	0	0	0	0								
Condition	Excellent	Excellent	Excellent	Excellent								
	Trail Condit	ion TOTALS	S									
Deferred												

Deferred Maintenance	CRV	FCI	Condition
\$0	\$557100	0	Excellent



Deferred Maintenance	CRV	FCI	Condition
\$0	\$28500	0	Excellent

TRAIL NUMBER: **T400** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1072 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1073 - MP 0.1 - Sign

TRAIL NUMBER: **T400** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1076 - MP 0.71 - Begin Section 002

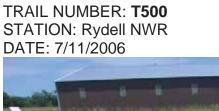




Photo # 1059 - MP 0.0 - Trailhead

TRAIL NUMBER: **T500** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1060 - MP 0.01 - Sign

TRAIL NUMBER: **T500** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1061 - MP 0.21 - Begin Section 002

TRAIL NUMBER: **T500** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1062 - MP 0.48 - Sign

TRAIL NUMBER: **T500** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1063 - MP 0.49 - Intersection

TRAIL NUMBER: **T501** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1065 - MP 0.0 - Trailhead

TRAIL NUMBER: **T501** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1064 - MP 0.0 - Sign

TRAIL NUMBER: **T501** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1066 - MP 0.04 - Sign (Grouped feature)

TRAIL NUMBER: **T501** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1067 - MP 0.08 - Sign

TRAIL NUMBER: **T501** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1070 - MP 0.64 - Sign



Photo # 1071 - MP 1.01 - Sign

TRAIL NUMBER: **T502** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1079 - MP 0.0 - Trailhead

TRAIL NUMBER: **T502** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1080 - MP 0.0 - Sign

TRAIL NUMBER: **T502** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1081 - MP 1.05 - Sign

TRAIL NUMBER: **T503** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1082 - MP 0.0 - Trailhead

TRAIL NUMBER: **T503** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1083 - MP 0.01 - Sign

TRAIL NUMBER: T503



Photo # 1084 - MP 0.01 - Sign

TRAIL NUMBER: **T503** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1085 - MP 0.25 - Sign

TRAIL NUMBER: **T503** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1086 - MP 0.38 - Sign (Grouped feature)

TRAIL NUMBER: **T503** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1087 - MP 0.49 - Sign

TRAIL NUMBER: **T503** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1088 - MP 0.68 - Begin Section 002

TRAIL NUMBER: **T503** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1089 - MP 0.68 - Sign

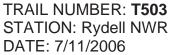




Photo # 1090 - MP 0.9 - Begin Section 003

TRAIL NUMBER: **T503** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1091 - MP 1.01 - Begin Section 004

TRAIL NUMBER: **T503** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1092 - MP 1.41 - Sign

TRAIL NUMBER: **T503** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1093 - MP 1.41 - Sign



Photo # 1094 - MP 1.43 - Sign

TRAIL NUMBER: **T504** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1095 - MP 0.0 - Trailhead

TRAIL NUMBER: **T504** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1096 - MP 0.0 - Sign

TRAIL NUMBER: **T504** STATION: Rydell NWR DATE: 7/11/2006



Photo # 1100 - MP 0.04 - Sign

The Trail Inventory of Sherburne National Wildlife Refuge Zimmerman, Minnesota





Prepared By: Federal Highway Administration Central Federal Lands Highway Division July 2006



Sherburne NWR Trail and Trail Feature Summaries

		Mileage by Trail Condition											Total
Trail Surface	Exce	ellent	Go	od	Fa	air	Po	or	Very	Poor	Not R	lated*	Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	Wines
Native	5.71	61%		0%		0%		0%		0%		0%	5.71
Gravel		0%		0%		0%		0%		0%		0%	0.00
Asphalt	0.14	1%		0%		0%		0%		0%		0%	0.14
Concrete		0%		0%		0%		0%		0%		0%	0.00
Turnpike		0%		0%		0%		0%		0%		0%	0.00
Boardwalk	0.03	0%		0%		0%		0%		0%		0%	0.03
Puncheon		0%		0%		0%		0%		0%		0%	0.00
Woodchips		0%		0%		0%		0%		0%		0%	0.00
Mowed	3.55	38%		0%		0%		0%		0%		0%	3.55
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	9.43	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	9.43

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

Trail		Mileage by Trail Condition											Total
Classificatio	Exce	ellent	Go	od	Fa	air	Po	or	Very	Poor	Not R	ated*	Miles
n	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIE5
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2	0.18	2%		0%		0%		0%		0%		0%	0.18
TC3	9.08	96%		0%		0%		0%		0%		0%	9.08
TC4		0%		0%		0%		0%		0%		0%	0.00
TC5	0.17	2%		0%		0%		0%		0%		0%	0.17
Totals	9.43	100%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	9.43

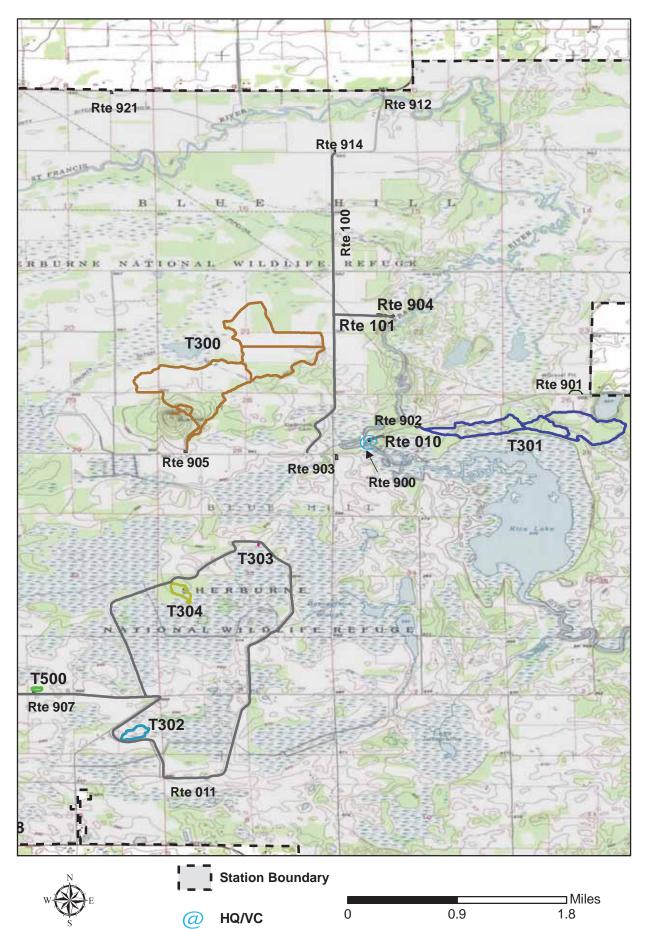
* Admin Roads are included in the inventory but are not rated for condition.

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	4	Yes		1259
T300	Sign	32	Yes	0.01	1261
T300	Sign	1	No	0.01	1261
T300	Sign	4	Yes	0.07	1262
T300	Bench	1	No	0.37	N/A
T300	Bridge -sf	145	No		1263
T300	Bench	1	No	0.76	N/A
T300	Bench	1	No	1.03	N/A
T300	Bench	1	No	2.06	N/A
T300	Bench	1	No	2.41	N/A
T300	Bridge -sf	230	No	2.99	1268
T300	Bench	1	No	3.19	
T300	Sign	1	No		1271
			No		1272
T300	Sign	1			
T300	Lookout/Ob Deck	1	No	4.11	
T300	Bench	1	No	4.11	
T300	Sign	1	No		1274
T301	Sign	24	Yes	0.00	003
T301	Gate	1	No	0.00	N/A
T301	Sign	4	Yes	0.01	
T301	Sign	1	No	0.06	
T301	Bench	1	No	0.22	
T301	Bridge -sf	390	No	0.49	
T301	Bridge -sf	40	No	0.51	008
T301	Sign	4	Yes	0.67	015
T301	Bench	1	No	0.90	N/A
T301	Bench	1	No	1.26	N/A
T301	Bench	1	No	1.51	N/A
T301	Bench	1	No	2.03	N/A
T301	Bench	1	No	2.62	N/A
T302	Sign	1	No	0.00	017-018
T302	Bench	1	No	0.23	
T303	Bench	1	No	0.02	
T303	Lookout/Ob Deck	1	No	0.02	
T304	Sign	2	No		033, 034
T500	Sign	1	No		036-038
T500	Bench	1	No	0.00	
T500	Bench	1	No	0.00	
T500	Sign	1	No	0.02	
T500	Bench	1	No		N/A
T500	Lookout/Ob Deck	1	No	0.02	N/A
sf-square feet If-linear feet					

If-linear feet cf-cubic feet

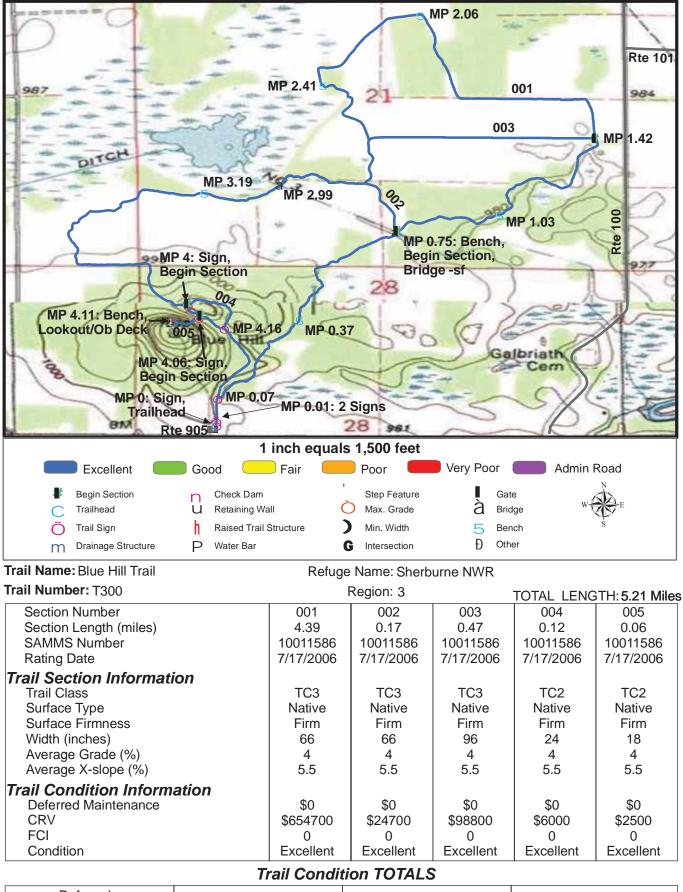
SHERBURNE NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



Station Name: Sherburne NWR

Org. Code: 32550

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Blue Hill Trail	Native	10011586	5.21	From Blue Hill parking lot (Rte 905) to end of loop
T301	Mahomen Trail	Mowed	10011521	3.13	From Manohmen Trail parking lot (Rte 902) to end of loop
T302	Praire Trail	Mowed, Boardwalk		0.45	From Auto Tour Rd (Rte 011) to end of loop
T303	Nelson Pool #13 Trail	Native	1001569	0.02	From Auto Tour Rd (Rte 011) to observation deck
T304	Woodland Trail	Native		0.48	From Auto Tour Rd (Rte 011) to end of loop
T500	Old Savanna Trail	Asphalt	10011567	0.14	From Auto Tour route parking (Rte 907) to end of loop



Deferred Maintenance	CRV	FCI	Condition
\$0	\$786700	0	Excellent

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	33	200	26, 98	
MP 0: Gate,	2 Provention	1000	20 2	957
Sign Trailhead	n	MP 2.03	0	MP 1.51
Rte MP 0.06 MP 2.62	002	-7/~	003	
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Sign		0.67: Sign,	MP 0.93	MP 1.26
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Excellent Good	Fair 📃	Poor 🧧		Admin Road
Begin Section Check D Trailhead U Retaining	2	Step Feature Max. Grade	∎ Gat à Brid	W
~	rail Structure	Min. Width	5 Ben	
m Drainage Structure P Water Ba	ar i	Intersection	Đ Oth	er Station Boundary
Trail Name: Mahnomen Trail	Refuge	Name: Sherb	ourne NWR	
Trail Number: T301		Region: 3		TOTAL LENGTH: 3.13 Miles
Section Number	001	002	003	
Section Length (miles) SAMMS Number	2.82 10011521	0.05	0.26 10011521	
Rating Date	7/18/2006	7/18/2006	7/18/2006	
Trail Section Information				
Trail Class	TC3	TC3	TC3	
Surface Type Surface Firmness	Mowed	Mowed Hard	Mowed Hard	
Width (inches)	Hard 72	Hard 84	Hard 84	
Average Grade (%)	3.9	3.9	3.9	
Average X-slope (%)	4.9	4.9	4.9	
Trail Condition Information				
Deferred Maintenance CRV	\$0	\$0	\$0 \$12000	
FCI	\$139700 0	\$2400 0	\$12000 0	
Condition	Excellent	Excellent	Excellent	
L	Trail Conditi	ion TOTALS	S	· · · · · · · · · · · · · · · · · · ·
Deferred				

Deferred Maintenance	CRV	FCI	Condition
\$0	\$154100	0	Excellent

MP 0: Trailhead, Sign	Rite on oon	000	MP 0.23 MP 0.28 MP 0.31					
	-	1	10					
	1 inch equals							
Excellent Good	- Fair -	Poor 📃	Very Poor		dmin Road بر			
Begin Section n Check Dar Trailhead U Retaining	2	Step Feature Max. Grade	∎ Ga à Brio		WEE			
	ail Structure	Min. Width	5 Bei	-	s			
	•	Intersection	Ð Oth					
				-				
Trail Name: Praire Trail		e Name: Sherb	ourne NWR					
Trail Number: T302		Region: 3		TOTAL	LENGTH: 0.45 Miles			
Section Number Section Length (miles)	001	002 0.03	003 0.14					
SAMMS Number	0.20	0.03	0.14					
Rating Date	7/18/2006	7/18/2006	7/18/2006					
Trail Section Information								
Trail Class	TC3	TC5	TC3					
Surface Type	Mowed	Boardwalk	Mowed					
Surface Firmness	Hard	Hard	Hard					
Width (inches) Average Grade (%)	66	48	66					
	2.8	2.8	2.8 5.8					
	58							
Average X-slope (%)	5.8	5.8	0.0					
Average X-slope (%) Trail Condition Information								
Average X-slope (%)	\$0	\$0	\$0					
Average X-slope (%) Trail Condition Information Deferred Maintenance CRV FCI	\$0 \$10200 0	\$0 \$14400 0	\$0 \$5000 0					
Average X-slope (%) Trail Condition Information Deferred Maintenance CRV	\$0 \$10200	\$0 \$14400	\$0 \$5000					

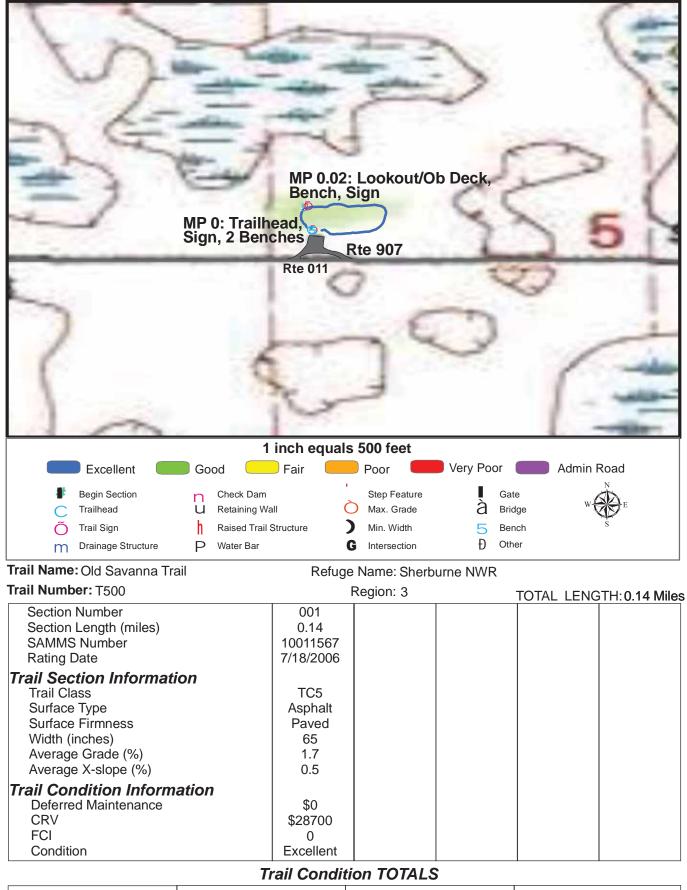
Deferred Maintenance	CRV	FCI	Condition
\$0	\$29600	0	Excellent

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Begin Section	Good F		Poor Step Feature	Ì	Gate	Admin R	oad
Begin Section Trailhead	Good F Check Dam U Retaining Wall	Fair	Poor Step Feature Max. Grade	∎ à	Gate Bridge	Admin R	oad
 Begin Section Trailhead Trail Sign 	Good F Check Dam U Retaining Wall Raised Trail Strue	Fair	Poor Step Feature Max. Grade Min. Width	∎ à	Gate Bridge Bench	Admin R	oad N S E
 Begin Section Trailhead Trail Sign Drainage Structure 	Good F Check Dam U Retaining Wall	Fair C	Poor Step Feature Max. Grade Min. Width Intersection	à 5 Đ	Gate Bridge	Admin R	oad
 Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Nelson Pool #13	Good F Check Dam U Retaining Wall Raised Trail Strue	Fair Cure Cure Cure Cure Cure Cure Cure Cur	Poor Step Feature Max. Grade Min. Width Intersection Name: Sherbu	à 5 Đ	Gate Bridge Bench	Admin R	oad N S E
 Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Nelson Pool #13 Trail Number: T303	Good F Check Dam U Retaining Wall Raised Trail Strue	Fair C cture C G Refuge	Poor Step Feature Max. Grade Min. Width Intersection	à 5 Đ	Gate Bridge Bench Other	w	oad S E TH: 0.02 Miles
 Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Nelson Pool #13 Trail Number: T303 Section Number 	Good F Check Dam U Retaining Wall Raised Trail Strue	Fair	Poor Step Feature Max. Grade Min. Width Intersection Name: Sherbu	à 5 Đ	Gate Bridge Bench Other	w	N S E
 Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Nelson Pool #13 Trail Number: T303 Section Number Section Length (miles) 	Good F Check Dam U Retaining Wall N Raised Trail Struc P Water Bar	Fair	Poor Step Feature Max. Grade Min. Width Intersection Name: Sherbu	à 5 Đ	Gate Bridge Bench Other	w	S E
 Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Nelson Pool #13 Trail Number: T303 Section Number 	Good F Check Dam U Retaining Wall N Raised Trail Strue P Water Bar	Fair	Poor Step Feature Max. Grade Min. Width Intersection Name: Sherbu	à 5 Đ	Gate Bridge Bench Other	w	S E
 Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Nelson Pool #13 Trail Number: T303 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information 	Good F Check Dam U Retaining Wall N Raised Trail Struc P Water Bar	Fair cture) G Refuge F 001 0.02 0011569 /18/2006	Poor Step Feature Max. Grade Min. Width Intersection Name: Sherbu	à 5 Đ	Gate Bridge Bench Other	w	S E
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 Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Nelson Pool #13 Trail Number: T303 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information Trail Class Surface Type Surface Firmness 	Good F Check Dam U Retaining Wall N Raised Trail Struc P Water Bar	Fair cture Ctu	Poor Step Feature Max. Grade Min. Width Intersection Name: Sherbu	à 5 Đ	Gate Bridge Bench Other	w	N S E
 Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Nelson Pool #13 Trail Number: T303 Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%) Trail Condition Information 	Good F Check Dam U Retaining Wall N Raised Trail Strue P Water Bar	Fair cture Ctu	Poor Step Feature Max. Grade Min. Width Intersection Name: Sherbu	à 5 Đ	Gate Bridge Bench Other	w	S E
 Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Nelson Pool #13 Trail Number: T303 Section Number Section Length (miles) SAMMS Number Rating Date Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%) Trail Condition Information Deferred Maintenance 	Good F Check Dam U Retaining Wall N Raised Trail Strue P Water Bar	Fair cture Ctu	Poor Step Feature Max. Grade Min. Width Intersection Name: Sherbu	à 5 Đ	Gate Bridge Bench Other	w	S E
 Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Nelson Pool #13 Trail Number: T303 Section Number Section Length (miles) SAMMS Number Rating Date Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%) Trail Condition Information Deferred Maintenance CRV 	Good F Check Dam U Retaining Wall N Raised Trail Strue P Water Bar	Fair cture Ctu	Poor Step Feature Max. Grade Min. Width Intersection Name: Sherbu	à 5 Đ	Gate Bridge Bench Other	w	N S E
 Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Nelson Pool #13 Trail Number: T303 Section Number Section Length (miles) SAMMS Number Rating Date Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%) Trail Condition Information Deferred Maintenance CRV FCI 	Good F Check Dam U Retaining Wall h Raised Trail Strue P Water Bar Nation	Fair cture Ctu	Poor Step Feature Max. Grade Min. Width Intersection Name: Sherbu	à 5 Đ	Gate Bridge Bench Other	w	S E
 Begin Section Trailhead Trail Sign Drainage Structure Trail Name: Nelson Pool #13 Trail Number: T303 Section Number Section Length (miles) SAMMS Number Rating Date Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%) Trail Condition Information Deferred Maintenance CRV 	Good F Check Dam U Retaining Wall h Raised Trail Strue P Water Bar Non 17, 500	Fair cture Ctu	Poor Step Feature Max. Grade Min. Width Intersection Name: Sherbu	à 5 Jurne NWR	Gate Bridge Bench Other	w	N S E

Deferred Maintenance	CRV	FCI	Condition
\$0	\$1300	0	Excellent

MP 0: Sign, Trailhead	001	R	te on	
Excellent Good Begin Section C Trailhead U Retaining Wa Õ Trail Sign		Step Feature Max. Grade	Very Poor Gate à Bridge 5 Bench	Admin Road www.see
m Drainage Structure P Water Bar	(Ð Other	
Trail Number: T304		Region: 3		L LENGTH: 0.48 Miles
Section Number Section Length (miles) SAMMS Number Rating Date	001 0.48 7/18/2006			
Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%)	TC3 Native Hard 72 1.8 8			
Trail Condition Information Deferred Maintenance CRV FCI Condition	\$0 \$74800 0 Excellent			
		on TOTALS	I	

Deferred Maintenance	CRV	FCI	Condition
\$0	\$74800	0	Excellent



Deferred Maintenance	CRV	FCI	Condition
\$0	\$28700	0	Excellent

TRAIL NUMBER: **T300** STATION: Sherburne NWR DATE: 7/17/2006



Photo # 1260 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300** STATION: Sherburne NWR DATE: 7/17/2006



Photo # 1259 - MP 0.0 - Sign

TRAIL NUMBER: **T300** STATION: Sherburne NWR DATE: 7/17/2006



Photo # 1261 - MP 0.01 - Sign (Grouped feature), Sign

TRAIL NUMBER: **T300** STATION: Sherburne NWR DATE: 7/17/2006



Photo # 1262 - MP 0.07 - Sign (Grouped feature)

TRAIL NUMBER: **T300** STATION: Sherburne NWR DATE: 7/17/2006



Photo # 1263 - MP 0.75 - Bridge



Photo # 1264 - MP 0.75 - Begin Section 002

TRAIL NUMBER: **T300** STATION: Sherburne NWR DATE: 7/17/2006



Photo # 1265 - MP 1.42 - Begin Section 003



Photo # 1268 - MP 2.99 - Bridge

TRAIL NUMBER: **T300** STATION: Sherburne NWR DATE: 7/17/2006



Photo # 1270 - MP 4 - Begin Section 004



Photo # 1271 - MP 4 - Sign

TRAIL NUMBER: **T300** STATION: Sherburne NWR DATE: 7/17/2006



Photo # 1273 - MP 4.05 - Begin Section 005



Photo # 1272 - MP 4.06 - Sign

TRAIL NUMBER: **T300** STATION: Sherburne NWR DATE: 7/17/2006



Photo # 1274 - MP 4.16 - Sign



Photo # 004 - MP 0.0 - Trailhead

TRAIL NUMBER: **T301** STATION: Sherburne NWR DATE: 7/18/2006



Photo # 003 - MP 0.0 - Sign (Grouped feature)



Photo # 005 - MP 0.01 - Sign

TRAIL NUMBER: **T301** STATION: Sherburne NWR DATE: 7/18/2006



Photo # 006 - MP 0.06 - Sign



Photo # 007 - MP 0.49 - Bridge

TRAIL NUMBER: **T301** STATION: Sherburne NWR DATE: 7/18/2006



Photo # 009 - MP 0.51 - Bridge



Photo # 014 - MP 0.67 - Begin Section 002

TRAIL NUMBER: **T301** STATION: Sherburne NWR DATE: 7/18/2006



Photo # 015 - MP 0.67 - Sign (Grouped feature)



Photo # 016 - MP 0.93 - Begin Section 003

TRAIL NUMBER: **T302** STATION: Sherburne NWR DATE: 7/18/2006



Photo # 019 - MP 0.0 - Trailhead



Photo # 017-018 - MP 0.0 - Sign

TRAIL NUMBER: **T302** STATION: Sherburne NWR DATE: 7/18/2006



Photo # 025 - MP 0.28 - Begin Section 002



Photo # 026 - MP 0.31 - Begin Section 003

TRAIL NUMBER: **T303** STATION: Sherburne NWR DATE: 7/18/2006



Photo # 030 - MP 0.0 - Trailhead



Photo # 035 - MP 0.0 - Trailhead

TRAIL NUMBER: **T304** STATION: Sherburne NWR DATE: 7/18/2006

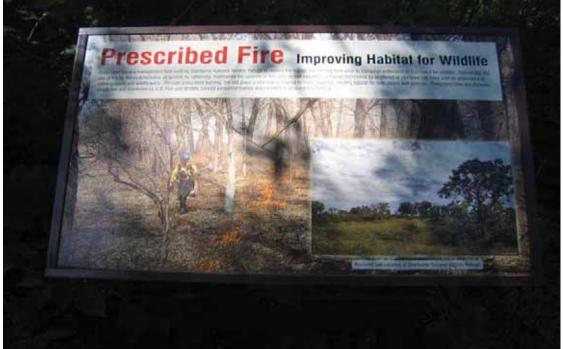


Photo # 033, 034 - MP 0.0 - Sign



Photo # 039 - MP 0.0 - Trailhead

TRAIL NUMBER: **T500** STATION: Sherburne NWR DATE: 7/18/2006



Photo # 036-038 - MP 0.0 - Sign



Photo # 040 - MP 0.02 - Sign

The Trail Inventory of Tamarac National Wildlife Refuge Rochert, Minnesota





Prepared By: Federal Highway Administration Central Federal Lands Highway Division July 2006



Tamarac NWR Trail and Trail Feature Summaries

		Mileage by Trail Condition								Total			
Trail Surface	Exce	ellent	Go	od	Fa	air	P	oor	Very	Poor	Not R	Rated*	Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	Nines
Native	1.85	13%		0%		0%		0%		0%		0%	1.85
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	6.21	44%		0%		0%		0%		0%		0%	6.21
Admin Road		0%		0%		0%		0%		0%	6.09	43%	6.09
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	8.06	57%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	6.09	43%	14.15

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

Trail		Mileage by Trail Condition									Total		
Classificatio	Exce	ellent	Go	od	Fa	air	Po	or	Very	Poor	Not R	ated*	Miles
n	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIC3
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2	5.78	41%		0%		0%		0%		0%		0%	5.78
TC3	2.28	16%		0%		0%		0%		0%	4.26	30%	6.54
TC4		0%		0%		0%		0%		0%	1.83	13%	1.83
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	8.06	57%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	6.09	43%	14.15

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

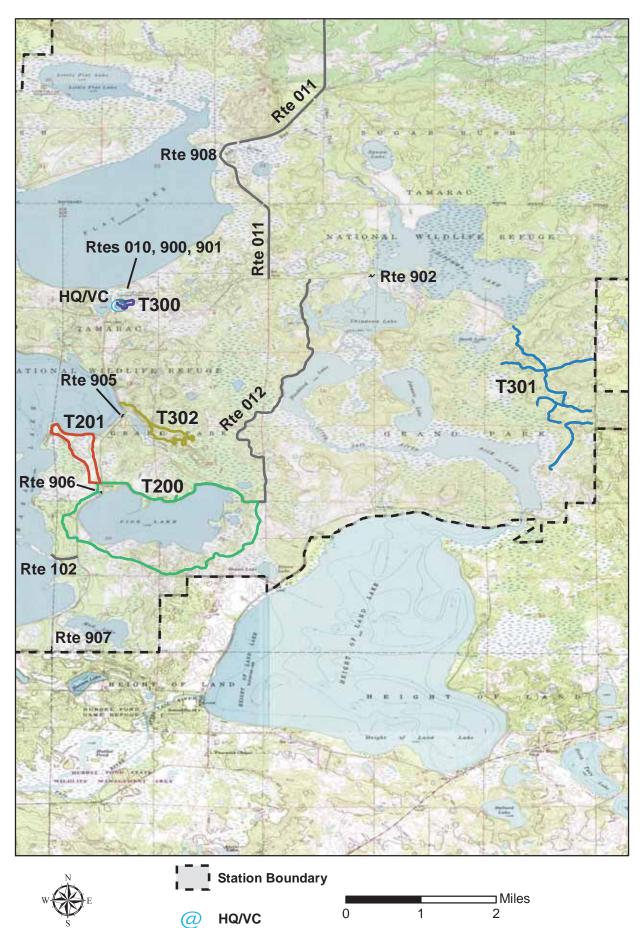
Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T200	Gate	1	No	0.00	N/A
T200	Sign	1	No	0.00	1145
T200	Sign	55	Yes	0.02	1147
T200	Gate	1	No	0.87	N/A
T200	Sign	3	No	0.87	1148
T200	Gate	1	No	0.93	N/A
T200	Gate	1	No	1.24	N/A
T200	Gate	1	No	3.54	N/A
T200	Gate	1	No	4.53	N/A
T200	Gate	1	No	5.35	N/A
T201	Sign	44	Yes	0.09	1158
T300	Bench	1	No	0.00	N/A
T300	Sign	1	1 No		1125
T300	Sign	4	Yes	0.00	1124
T300	Sign	5	Yes	0.02	1129
T300	Bench	1	No	0.25	N/A
T301	Gate	1	No	0.00	N/A
T301	Gate	1	No	0.00	N/A
T301	Gate	1	No	0.28	N/A
T301	Gate	1	No	0.94	N/A
T302	Sign	1	No	0.00	1138
T302	Sign	1	No	0.00	1139
T302	Bench	1	No	0.44	N/A
T302	Bridge -sf	58	No	0.68	1144
T302	Bench	1	No	0.94	N/A
T302	Bench	1	No	1.20	N/A
T302	Sign	5	Yes	1.85	1143

sf-square feet

If-linear feet

cf-cubic feet

TAMARAC NATIONAL WILDLIFE REFUGE TRAIL LOCATION MAP



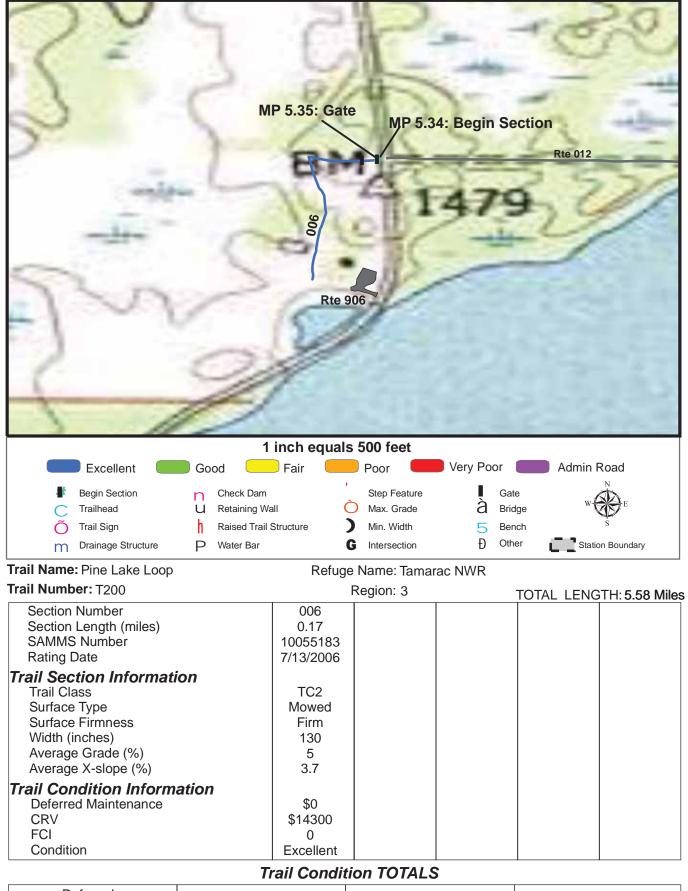
Station Name: Tamarac NWR

Org. Code: 32560

Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T200	Pine Lake Loop	ne Lake Loop Mowed, Admin road 10055183 5.58 From Pine Lake Ski Trail Parking (Rte 906) to S		From Pine Lake Ski Trail Parking (Rte 906) to Sec 001	
T201	Tamarac Lake Loop	c Lake Loop Mowed 10055182 2.10 From Pine Lake Loop (T200) to Pine Lake Loop		From Pine Lake Loop (T200) to Pine Lake Loop (T200)	
T300	00 Visitor Center Trail Mowed		10055180	0.36	From Trailhead to Visitor Center Entrance Road (Rte 010)
T301	Booth Lake Trails Admin Road N/A 4.26 From Trailhead		From Trailhead to End		
T302	T302 Old Indian Trail Nativ		10055179	1.85	From Trailhead to Sec 001

MP 0.02: Signs Fis Rte S 001 MP 0.87: Signs, Gate MP 0.88, 0.92 Begin Section MP 0.93:	04 906 PINI	E ,459 LA	4.53: Gate on Section 005		MP 3. Begin Se MP 3 G	3.54 ate
Profe Destina	Good	inch equals	2,250 feet Poor	Very Poor	Admin F	Road
 ■ Begin Section C Trailhead O Trail Sign M Drainage Structure 	Retaining Wal		Max. Grade Min. Width	 Gat Bric Ber Oth 	lge wit	E S n Boundary
Trail Name: Pine Lake Loop		Refuge	Name: Tamar	ac NWR		
Trail Number: T200		I	Region: 3		TOTAL LENG	TH: 5.58 Mile
Section Number Section Length (miles) SAMMS Number Rating Date		001 0.88 10055183 7/13/2006	002 0.04 10055183 7/13/2006	003 2.63 10055183 7/13/2006	004 1.79 10055183 7/13/2006	005 0.07 10055183 7/13/2006
Trail Section Information Trail Class Surface Type Surface Firmness Width (inches) Average Grade (%) Average X-slope (%)		TC2 Mowed Firm 75 5 3.7	TC4 Admin Road Hard 240 5 3.7	TC2 Mowed Firm 180 5 3.7	TC4 Admin Road Hard 240 5 3.7	TC3 Mowed Firm 86 5 3.7
Trail Condition Information Deferred Maintenance CRV FCI Condition	on	\$0 \$40700 0 Excellent	\$0 \$0 0 Not Rated	\$0 \$269000 0 Excellent	\$0 \$0 0 Not Rated	\$0 \$5000 0 Excellent
	Tr	ail Conditi	on TOTALS	;		
Deferred			FOI		Cand	tion

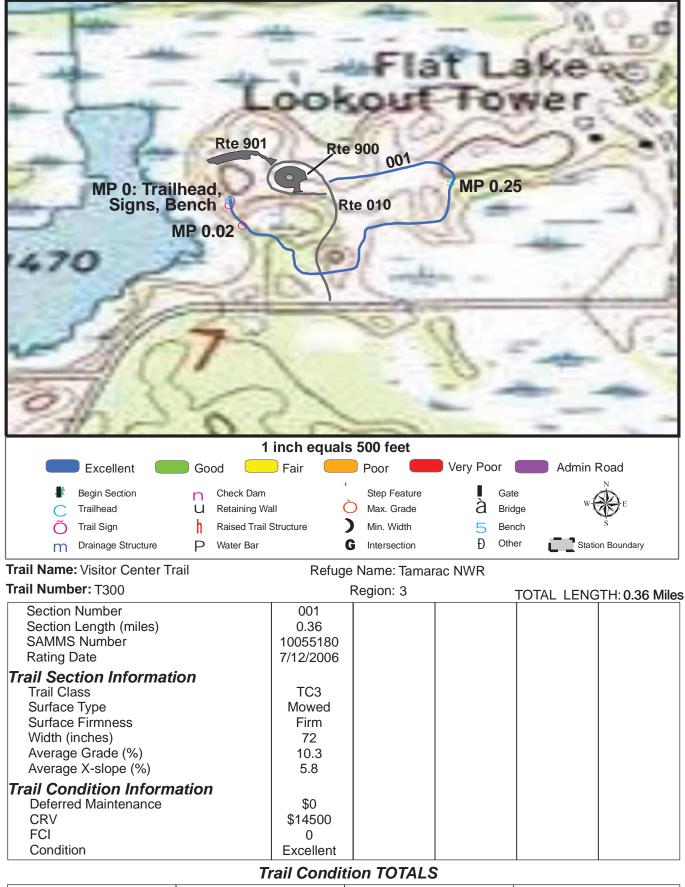
Deferred Maintenance	CRV	FCI	Condition
\$0	\$329000	0	Excellent



Deferred Maintenance	CRV		Condition
\$0	\$329000	0	Excellent

Trail Number: T201Region: 3TOTAL LENGTH: 2.1 MilesSection Number001Section Length (miles)2.1SAMMS Number10055182Rating Date7/13/2006Trail Section InformationTC2Trail ClassTC2Surface TypeMowedSurface FirmnessFirmWidth (inches)120Average Grade (%)3.5Average Grade (%)5.8Trail Condition Information\$0Deferred Maintenance\$0CRV\$140200FCI0ConditionExcellent	A C A A K	001		19 MP 0.09 MP 0	Rte 012
Excellent Good Fair Poor Very Poor Admin Road Image: Section Image: Check Dam Step Feature Image: Gate Image: Gate <th>A m -</th> <th></th> <th>- 1</th> <th>Rte 9062</th> <th></th>	A m -		- 1	Rte 9062	
Image: Begin Section Control Trailbead Check Dam U Retaining Wall Step Feature M Max. Grade Gate Bridge Image: Trail Sign M Drainage Structure P Water Bar Min. Width 5 Bench Image: Tamarac Lake Loop Refuge Name: Tamarac NWR Trail Number: T201 Refuge Name: Tamarac NWR Section Number 001 Image: Structure Other Image: Structure Section Length (miles) 2.1 None Number 10055182 TOTAL LENGTH: 2.1 Miles Section Length (miles) 2.1 None Number 10055182 Image: Tamarac Number Trail Section Information TC2 Mowed Image: Tamarac Number Image: Tamarac Number Trail Class 2.1 None Number 10055182 Image: Tamarac Number Image: Tamarac Number Trail Class 2.1 Nowed Image: Tamarac Number Image: Tamarac Number Image: Tamarac Number Trail Section Information TC2 Mowed Image: Tamarac Number Image: Tamarac Number Trail Class 5.8 TC2 Mowed Image: Tamarac Number Image: Tamarac Number Trail Class 5.8 Tcm <td< th=""><th>Excellent Good</th><th></th><th></th><th>Very Poor</th><th>Admin Road</th></td<>	Excellent Good			Very Poor	Admin Road
Trail Number: T201Region: 3TOTAL LENGTH: 2.1 MilesSection Number001Section Length (miles)2.1SAMMS Number10055182Rating Date7/13/2006Trail Section InformationTC2Trail ClassTC2Surface TypeMowedSurface FirmnessFirmWidth (inches)120Average Grade (%)3.5Average Grade (%)5.8Trail Condition Information\$0Deferred Maintenance\$0CRV\$140200FCI0ConditionExcellent	Image: Begin Section Image: Check I Image: Check I Imag	Dam ng Wall Trail Structure	Step Feature Max. Grade Min. Width	Gate à Bridge 5 Bench	W E
Section Number 001 Section Length (miles) 2.1 SAMMS Number 10055182 Rating Date 7/13/2006 Trail Section Information TC2 Trail Class TC2 Surface Type Mowed Surface Firmness Firm Width (inches) 120 Average Grade (%) 3.5 Average Grade (%) 5.8 Trail Condition Information \$0 Deferred Maintenance \$0 CRV \$140200 FCI 0 Condition Excellent	Trail Name: Tamarac Lake Loop	Refu		rac NWR	
Average X-slope (%) 5.8 Trail Condition Information 5.8 Deferred Maintenance \$0 CRV \$140200 FCI 0 Condition Excellent	Section Number Section Length (miles) SAMMS Number Rating Date Trail Section Information Trail Class Surface Type Surface Firmness Width (inches)	2.1 10055182 7/13/2006 TC2 Mowed Firm 120	2		DTAL LENGTH: 2.1 Miles
Deferred Maintenance \$0 CRV \$140200 FCI 0 Condition Excellent					
	Deferred Maintenance CRV FCI	\$140200 0 Excellent			
	Deferred	Trail Cond	ition TOTALS	5	1

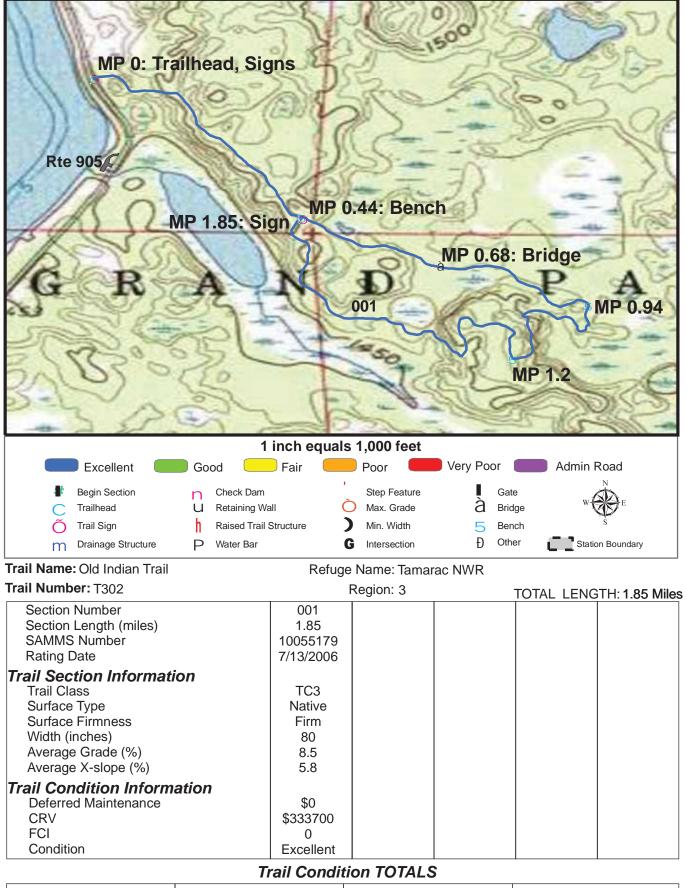
Deferred Maintenance	CRV	FCI	Condition
\$0	\$140200	0	Excellent



Deferred Maintenance	CRV	FCI	Condition
\$0	\$14500	0	Excellent

	Ne	M	P 0: Trail	head, Gat	e	SIL	S-1
Booth Lake				005	MP Beg	0.94: Gate in Section	
15.000	Miles In	N	AP 1.44	001 MP 1 003	2/ 10/ 0/ 10	.62: Gate	
Page Call	13	ST.F.	- A	002 03	The P	20576	2000
(where it	15	- Sta	440		MP 0	: Begin S	ection,
- N D	P	A	RK	27/10	Gate	5030	Contraction of the second
	-	and and				556	mos la
*1	C.O	LARE	4	004	1010	28701	30 3°
	-4		1	1 ANAS	7905	25	NOS5
22 - 03 - 92 -		Lak	1-232	2STE	5-5	5300	245-5
		6 23	1 CO	2 Sta	25719	Vite	Ser St
		1	inch equals	2,500 feet			
Excellent	Go		Fair 📒	Poor 🧲	Very Poor	Admin I	Road
Begin Section	n	Check Dam	1	Step Feature	Gat	e	Ň
C Trailhead	ü	Retaining Wa	all Č	Max. Grade	à Brid	lge ^W	E I
Õ Trail Sign	h	Raised Trail	Structure	Min. Width	5 Ben		S
Drainage Structure	Ρ	Water Bar	0	Intersection	Ð Oth	er Statio	on Boundary
Trail Name: Booth Lake Trail	S		Refuge	Name: Tamai	ac NWR		
Trail Number: T301				Region: 3		TOTAL LENG	GTH: 4.26 Miles
Section Number			001	002	003	004	005
Section Length (miles) SAMMS Number			1.73 N/A	0.37 N/A	0.28 N/A	0.94 N/A	0.94 N/A
Rating Date			7/12/2006	7/12/2006	7/12/2006	7/12/2006	7/12/2006
Trail Section Informati	on						
Trail Class			TC3	TC3	TC3	TC3	TC3
Surface Type			Admin Road				Admin Road
Surface Firmness			Firm 168	Firm 168	Firm 168	Firm	Firm 132
Width (inches) Average Grade (%)			5.5	5.5	5.5	132 5.5	5.5
Average X-slope (%)			4.9	4.9	4.9	4.9	4.9
Trail Condition Inform	ation	1					
Deferred Maintenance			\$0	\$0	\$0	\$0	\$0
CRV			\$0	\$0	\$0	\$0	\$0
FCI Condition			0 Not Rated	0 Not Rated	0 Not Rated	0 Not Rated	0 Not Rated
CONUMUN						NUL RALEU	NUL RALEU
Deferred			rali Conditi	on TOTALS	•]

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



Deferred Maintenance	CRV	FCI	Condition
\$0	\$333700	0	Excellent

TRAIL NUMBER: **T200** STATION: Tamarac NWR DATE: 7/13/2006



Photo # 1146 - MP 0.0 - Trailhead



Photo # 1145 - MP 0.0 - Sign

TRAIL NUMBER: **T200** STATION: Tamarac NWR DATE: 7/13/2006



Photo # 1147 - MP 0.02 - Sign (Grouped feature)



Photo # 1148 - MP 0.87 - Sign

TRAIL NUMBER: **T200** STATION: Tamarac NWR DATE: 7/13/2006



Photo # 1149 - MP 0.88 - Begin Section 002



Photo # 1150 - MP 0.92 - Begin Section 003

TRAIL NUMBER: **T200** STATION: Tamarac NWR DATE: 7/13/2006



Photo # 1154 - MP 3.55 - Begin Section 004



Photo # 1155 - MP 4.53 - Begin Section 005

TRAIL NUMBER: **T200** STATION: Tamarac NWR DATE: 7/13/2006



Photo # 1156 - MP 5.34 - Begin Section 006



Photo # 1157 - MP 0.0 - Trailhead

TRAIL NUMBER: **T201** STATION: Tamarac NWR DATE: 7/13/2006



Photo # 1158 - MP 0.09 - Sign (Grouped feature)



Photo # 1123 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300** STATION: Tamarac NWR DATE: 7/12/2006



Photo # 1124 - MP 0.0 - Sign (Grouped feature)



Photo # 1125 - MP 0.0 - Sign

TRAIL NUMBER: **T300** STATION: Tamarac NWR DATE: 7/12/2006



Photo # 1129 - MP 0.02 - Sign (Grouped feature)



Photo # 1132 - MP 0.0 - Trailhead

TRAIL NUMBER: **T301** STATION: Tamarac NWR DATE: 7/12/2006



Photo # 1133 - MP 0.0 - Begin Section 002



Photo # 1135 - MP 0.0 - Begin Section 004

TRAIL NUMBER: **T301** STATION: Tamarac NWR DATE: 7/12/2006



Photo # 1134 - MP 0.01 - Begin Section 003



Photo # 1137 - MP 0.94 - Begin Section 005

TRAIL NUMBER: **T302** STATION: Tamarac NWR DATE: 7/13/2006



Photo # 1140 - MP 0.0 - Trailhead

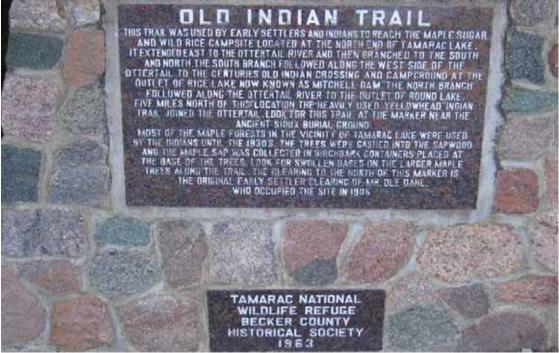


Photo # 1138 - MP 0.0 - Sign

TRAIL NUMBER: **T302** STATION: Tamarac NWR DATE: 7/13/2006



Photo # 1139 - MP 0.0 - Sign

TRAIL NUMBER: **T302** STATION: Tamarac NWR DATE: 7/13/2006



Photo # 1144 - MP 0.68 - Bridge

TRAIL NUMBER: **T302** STATION: Tamarac NWR DATE: 7/13/2006



Photo # 1143 - MP 1.85 - Sign (Grouped feature)

The Trail Inventory of Windom Wetland Management District Windom, Minnesota





Prepared By: Federal Highway Administration Central Federal Lands Highway Division July 2006



Windom WMD Trail and Trail Feature Summaries

					Milea	ige by T	rail Cond	lition					Total
Trail Surface	Exce	ellent	Go	od	Fa	air	P	or	Very	Poor	Not R	lated*	Miles
Туре	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	Ninco
Native	0.76	62%		0%		0%		0%		0%		0%	0.76
Gravel	0.33	27%	0.13	11%		0%		0%		0%		0%	0.46
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
Admin Road		0%		0%		0%		0%		0%		0%	0.00
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	1.09	89%	0.13	11%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.22

Trail Miles and Percentages by Surface Type and Condition

Trail Miles and Percentages by Trail Classification and Condition

		Mileage by Trail Condition								Total			
Trail	Exce	ellent	Go	od	Fa	air	P	oor	Very	Poor	Not R	ated*	Miles
Classification	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	IVIIIC3
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	1.09	89%	0.13	11%		0%		0%		0%		0%	1.22
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	1.09	89%	0.13	11%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	1.22

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

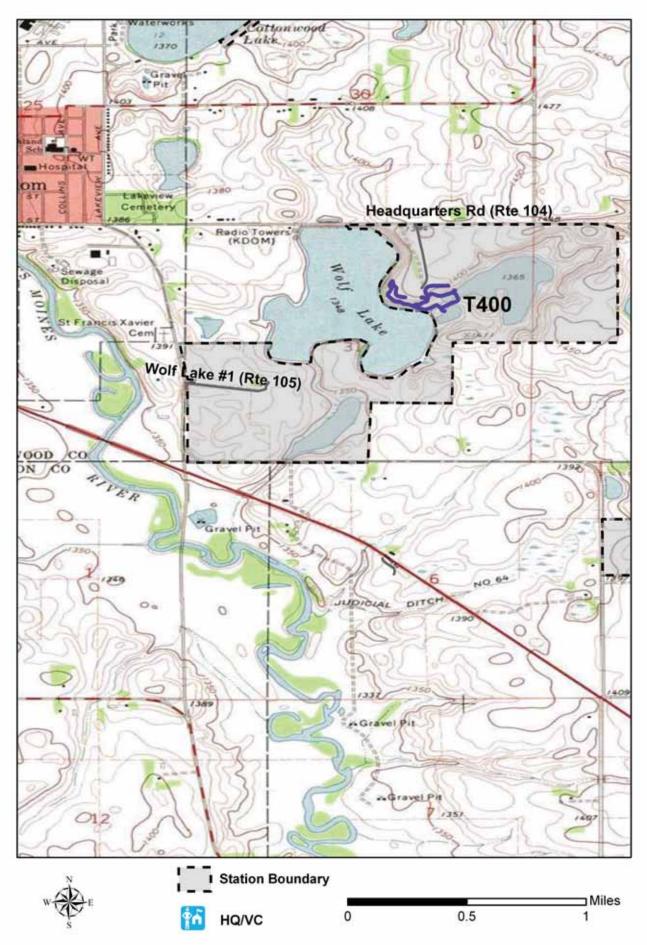
Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T400	Lookout/Ob Deck	1	No	0.18	N/A
T400	Bridge -sf	125	No	0.34	0738
T400	Lookout/Ob Deck	1	No	0.37	N/A
T400	Culvert -If	30	No	0.39	N/A
T400	Other	1	No	0.42	N/A
T400	Lookout/Ob Deck	1	No	0.65	N/A
T401	Sign	3	No	0.00	0745
T401	Boardwalk -If	40	No	0.15	0746
T401	Boardwalk -If	40	No	0.23	0748
T401	Lookout/Ob Deck	1	No	0.23	N/A

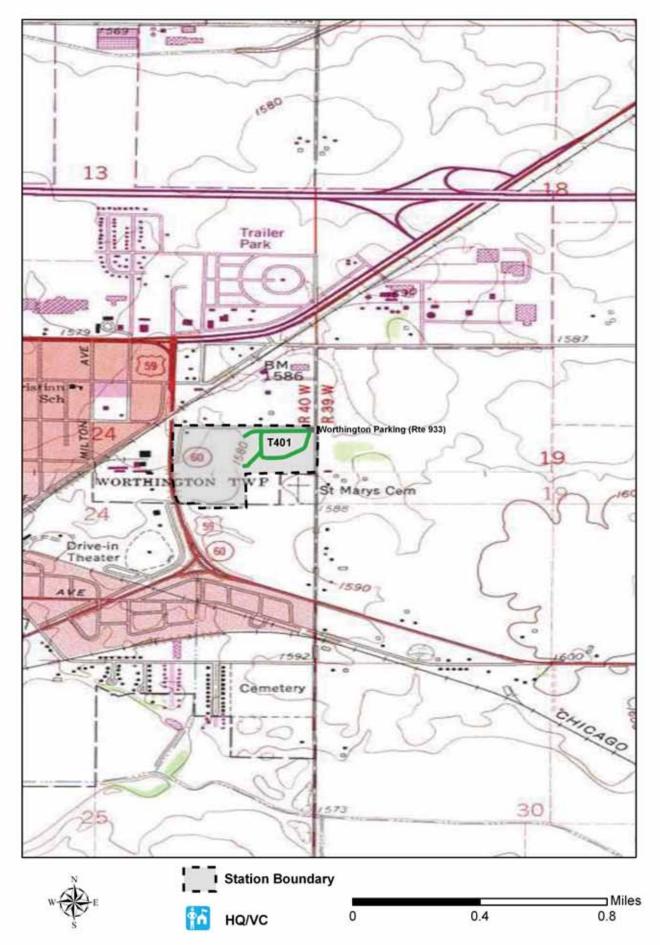
sf-square feet If

linear feet cfcubic feet

WINDOM WETLAND MANAGEMENT DISTRICT TRAIL LOCATION MAP



WINDOM WETLAND MANAGEMENT DISTRICT TRAIL LOCATION MAP



13-2-2

TRAILS ID

Station Name: Windom WMD

Org. Code: 32587

	Trail #	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
ſ	T400	Wolf Lake Trail	Native	10055243	0.76	From Headquarter's Parking Area (Rte 934) to End of Sec 004
	T401	Worthington WPA Trail	Gravel	10012194	0.46	From Worthington Parking Area (Rte 933) to Worthington Parking Area (Rte 933)

TRAIL CONDITION

		11		E.	5	1	- 2
			1/20	ucadquarters		15	
	1	27	1 m	ars Rd (1 de	2
	1		rters Parking te 934)	Rd (Rte 104)		1h	
- /	(1 1	MP 0.	65: Lookout/	Ob Deck	
70 1	2	0		MP 0.54: Be	- S	0.42: Other	1
		MP	0	MP 0.55: B	symolog	9: Culvert	
MP 0.18: Lookout/	Sp De	CK	~	10	MP 0.35: Begi	and the second second	3
E			WIP-0:54	Bridge -sf	MP 0.37: Lool	kout/Ob Deck	2
e .				N/E	1		31
6				100	Ú.		21
				111	-	SIX	35
212				140			
		1	inch equals	500 feet			
Excellent	Goo	bd 🦲	Fair 🦲	Poor 🧲	Very Poor	Admin F	Road
Begin Section Trailhead		Check Dam Retaining Wa	all 🖌	 Step Feature Max. Grade 	🖾 Gat 💢 Brid		بر
Trail Sign	1	Raised Trail	Structure	Min. Width	📆 Ber		s.
Drainage Structure	/	Water Bar		Intersection	i≍ Oth	er Statio	on Boundary
Frail Name: Wolf Lake Trail		(ation)		e Name: Windo			
Frail Number:T400 (Under C	onstru	iction)		Region: 3	003	TOTAL LENG 004	TH: 0.76 Mile
Section Number Section Length (miles)			001 0.37	002	0.03	0.06	
SAMMS Number			10055243	10055243	10055243	10055243	
Rating Date			7/25/2006	7/25/2006	7/25/2006	7/25/2006	
Trail Section Informati	on						
Trail Class			TC4	TC4	TC4	TC4	
Surface Type Surface Firmness			Native Soft	Native Soft	Native Soft	Native Soft	
Width (inches)			0	0	0	0	
Average Grade (%)			ŏ	ŏ	ŏ	ŏ	
Average X-slope (%)			ō	ō	Ō	Ő	
Trail Condition Inform	ation		11.00	904.51	1111111	5.56.00 v	
Deferred Maintenance	115222-223		\$0	\$0	\$0	\$0	
CRV			\$0	\$0	\$0	\$0	
FCI Condition			0 Under Construe	0	0	0 Under Construe	
Condition		 22	The second second second	•	2	Under Construc.	
Deferred		TI	rail Conditi	on TOTALS	5		

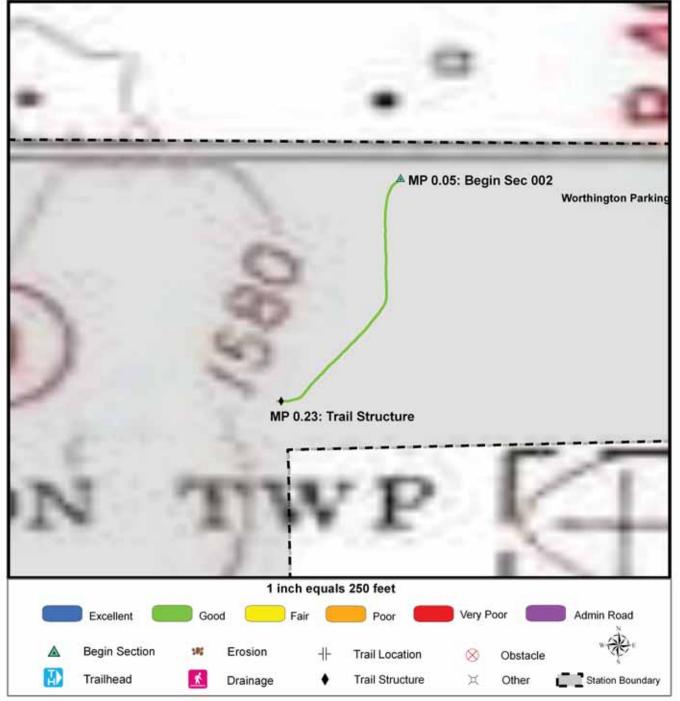
Deferred Maintenance	CRV	FCI	Condition
\$0	\$0	0	Under Construction

TRAIL CONDITION

ail Number: T401 Region: 3 TOTAL LENGTH: 0.46 M Section Number 001 002 003 Section Length (miles) 0.15 0.13 0.18 SAMMS Number 10012194 10012194 10012194 Rating Date 7/25/2006 7/25/2006 7/25/2006 rail Section Information TC4 TC4 TC4 Trail Class TC4 TC4 TC4 Surface Type Gravel Gravel Gravel Surface Firmness Hard Hard Hard Width (inches) 72 72 72 Average Grade (%) 2.2 2.2 2.2 Average X-slope (%) 0.7 0.7 0.7 rail Condition Information Section 1 Section 1 Section 1 Deferred Maintenance \$0 \$900 \$0 Section 2 Condition Excellent Good Excellent Section 1				-	
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	Deferred	Trail Condit	ion TOTAL	5	2

Deferred Maintenance	CRV	FCI	Condition
\$900	\$79600	0.011	Good

TRAIL DEFICIENCY



Trail Name: Worthington WPA Trail

Refuge Name: Windom WMD

Trail Number: T401		Region: 3	TOTAL LENGTH: 0.46 Miles
Mile Post	0.18		
Section Number	002		
Photo Number	0748		
Deficiency	Trail Structure		
Action	Repair		
Item	Boardwalk -If		
Quantity	40		
Deferred Maintenance	\$900		
	\$900		-

TRAIL NUMBER: **T400** STATION: Windom WMD DATE: 7/25/2006



Photo # 0737 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400** STATION: Windom WMD DATE: 7/25/2006



Photo # 0738 - MP 0.34 - Bridge (Under construction)

TRAIL NUMBER: **T400** STATION: Windom WMD DATE: 7/25/2006



Photo # 0742 - MP 0.54 - Begin Section 003

TRAIL NUMBER: **T400** STATION: Windom WMD DATE: 7/25/2006



Photo # 0743 - MP 0.55 - Begin Section 004

TRAIL NUMBER: **T401** STATION: Windom WMD DATE: 7/25/2006



Photo # 0745 - MP 0.0 - Trailhead, Sign



Photo # 0747 - MP 0.1 - Begin Section 002

TRAIL NUMBER: **T401** STATION: Windom WMD DATE: 7/25/2006



Photo # 0746 - MP 0.15 - Boardwalk

TRAIL NUMBER: **T401** STATION: Windom WMD DATE: 7/25/2006



Photo # 0749 - MP 0.16 - Begin Section 003

TRAIL NUMBER: **T401** STATION: Windom WMD DATE: 7/25/2006



Photo # 0748 - MP 0.23 - Trail Structure Deficiency, Boardwalk

APPENDIX

Glossary of Terms and Abbreviations

Acc Info	Accessibility information available at trailhead.
Action	Action required to correct deficiency.
Admin Road	Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done.
Alt SAMMS	Asset number of Alternate Facility Type.
Alt Type	Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number.
AvgGrade	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.
AvgSlope	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.
Check Dam	A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows.
Condition	Subjective rating of trail based on Facility Condition Index (FCI): FCI $FCI .01105 = GoodFCI .05110 = FairFCI .1120 = PoorFCI >20 = Very Poor$
Crib Wall	Retaining wall.
Current Replacement Value (CRV)	The value of an asset determined by the estimated cost of replacing it.
Def type	Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other.

Deferred Maintenance (DM)	Maintenance that was not performed when scheduled.
Elem ID	Unique identifier for each trail section: Org Code-Trail Number-Section Number.
Facility Condition Index (FCI)	DM/CRV
Grouped Features	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.
Info Type	Type of accessibility information available at trailhead: brochure, sign or other.
Item	Item on which the "Action" (see above) will be performed.
Manage_Use	Managed use of the trail: HIKE, BIKE, NSPC (non- specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER.
Max Grade	Maximum grade (in percent) of trail. Only collected for Trail Classes 4 and 5 and when > 10%.
Min Width	Minimum Width (inches) of trail. Only collected for Trail Classes 4 and 5.
MP (Milepost)	Distance, in miles, of a trail feature or deficiency from the Trailhead.
Puncheon	Log footbridge used in area of poor drainage.
Raised Trail Structure	Boardwalk, Turnpike, Puncheon.
SAMMS No	Asset Number

Station Boundary	Approved Acquisition Boundary files downloaded from FWS website.
T Class	Trail Class: TC1-5 (see Trail Classification System for descriptions).
Tr Desig	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
Trail No	Trails are numbered based on Trail Class at the trailhead. TC $1 = T100$ series, TC $2 = T200$ series, etc.
Turnpike	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.

National Trail Data Standards



Trail Classification

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

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
General Criteria Physical Characteristics to be Applied to All National Forest Sytem Trails					
Tread & Traffic Flow	 Tread intermittent and often indistinct May require route finding Native materials only 	 Tread discernible and continuous, but narrow and rough Few or no allowances constructed for passing Native materials 	 Tread obvious and continuous Width accommodates unhindered one-lane travel (occasional allowances constructed for passing) Typically native materials 	Tread wide and reltively smooth with few irregularities Width may consistently accommodate two- lane travel Native or imported materials May be hardened	 Width generally accommodates two-lane and two- directional travel, or provides frequent passing turnouts Commonly hardened with asphalt or other imported material
Obstacles	 Obstacles common Narrow passages; brush, steep grades, rocks and logs present 	 Obstacles occasionally present Blockages cleared to define route and protect resources Vegetation may encroach into trailway 	 Obstacles infrequent Vegetation cleared outside of trailway 	 Few or no obstacles exist Grades typically <12% Vegetation cleared outside of trailway 	 No obstacles Grades typically <8%
Constructed Features & Trail Elements	 Minimal to non- existent Drainage is functional No constructed bridges or foot crossings 	 Structures are of limited size, scale, and number Drainage functional Structures adequate to protect trail infrastructure and resources Primitive foot crossings and fords 	 Trail structures (walls, steps, drainage, raised trail) may be common and substantial Trail bridges as needed for resource protection and appropriate access Generally native materials used in Wilderness 	 Structures frequent and substantial Substantial trail bridges are appropriate at water crossings Trailside amenities may be present 	 Structures frequent or continuous; may include curbs, handrails, trailside amenities, and boardwalks Drainage structures frequent; may include culverts and road-like designs
Signs	 Minimum required Generally limited to regulation and resource protection No destination signs present 	 Minimum required for basic direction Generally limited to regulation and resource protection Typically very few or no destination signs present 	 Regulation, resource protection, user reassurance Directional signs at junctions, or when confusion is likely Destination signs typically present Informational and interpretive signs may be present outside of Wilderness 	 Wide variety of signs likely present Informational signs likely (outside of Wilderness) Interpretive signs possible (outside of Wilderness) Trail Universal Access information likely displayed at trailhead 	 Wide variety of signage is present Information and interpretive signs likely Trail Universal Access information is typically displayed at trailhead
Typical Recreation Environs & Experience ²	 Natural, unmodified ROS: Often Primitive setting, but may occur in other ROS settings WROS: Primitive 	 Natural, essentially unmodified ROS: Typically Semi- Primitive setting WROS: Primitive to Semi-Primitive 	 Natural, primarily unmodified ROS: Typically Semi- Primitive to Roaded Natural setting WROS: Semi-Primitive to Transition 	 May be modified ROS: Typically Roaded Natural to Rural setting WROS: Transition (rarely present in Wilderness) 	 Can be highly modified ROS: Typically Rural to Urban setting Commonly associated with Visitor Centers or high-use recreation sites Not present in Wilderness