

The Trail Inventory of Madison WMD

Madison, SD



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Federal Highway Administration
Central Federal Lands Highway Division
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TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
I. <u>TRAIL AND TRAIL FEATURE SUMMARIES</u>	1 - 1
II. <u>TRAIL LOCATION MAPS</u>	2 - 1
III. <u>TRAIL IDENTIFICATION LIST</u>	3 - 1
IV. <u>TRAIL CONDITION RATING SHEETS</u>	4 - 1
V. <u>TRAIL DEFICIENCY RATING SHEETS</u>	5 - 1
VI. <u>PHOTOGRAPHIC SHEETS</u>	6 - 1
VII. <u>GLOSSARY</u>	i

Madison WMD

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Total
	Miles	%	Miles
Asphalt	0.28	100%	0.28
Concrete	0.04	100%	0.04
Total	0.32	100%	0.32

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Total
	Miles	%	Miles
TC5	0.32	100%	0.32
Total	0.32	100%	0.32

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

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T500	Trailhead	1	No	0.00	MADI_C2_034 6
T500	Other	1	No	0.01	MADI_C2_034 3
T500	Bench	1	No	0.01	
T500	Bench	1	No	0.01	
T500	Max Grade- %	8	No	0.03	
T500	Bench	1	No	0.04	
T501	Trailhead	1	No	0.00	MADI_C2_034 8
T501	Sign	1	No	0.00	MADI_C2_034 9
T501	Culvert -lf	30	No	0.04	
T501	Bench	1	No	0.05	
T501	Sign	4	Yes	0.10	MADI_C2_035 2
T501	Culvert -lf	30	No	0.23	

sf - square feet

lf - linear feet

cf - cubic feet

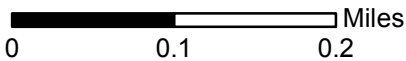
Madison WMD Trail Location Map



Station Boundary



HQ/VC



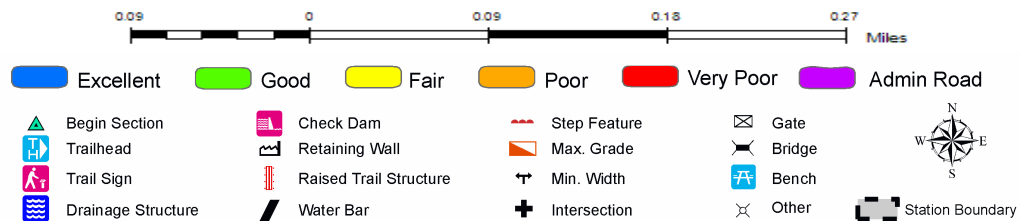
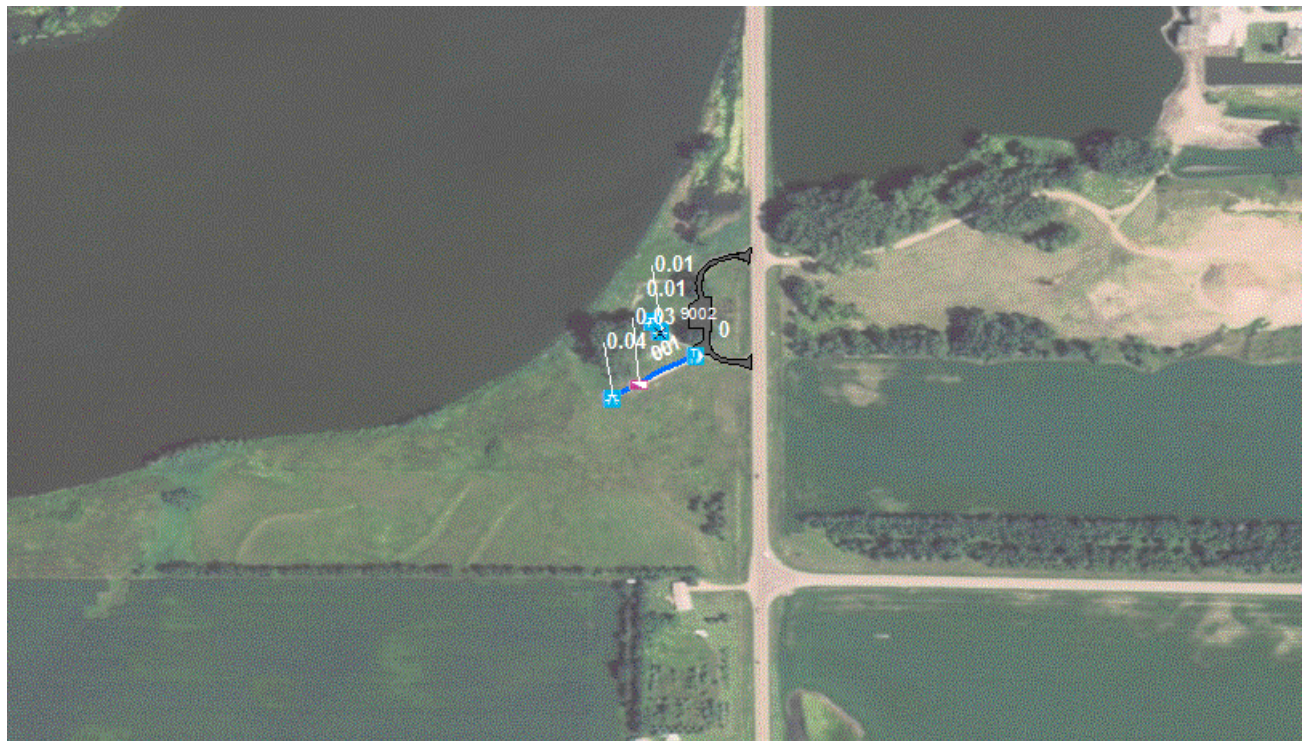
Trails ID

Station Name: Madison WMD

Org Code: 64560

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T500	Karl Mundt Scenic Overlook Trail	Concrete	10066187	0.04	From Madison WMD Parking Lot (RTE 9002) to End of Trail
T501	Madison WMD Bicycle Trail	Asphalt	10062762	0.28	From Headquarters Kiosk Parking Lot (RTE 010) To Madison WMD Boundary Line

TRAIL CONDITION



Trail Name: Karl Mundt Scenic Overlook Trail **Refuge Name:** Madison WMD

Trail Number: T500

Region: 6

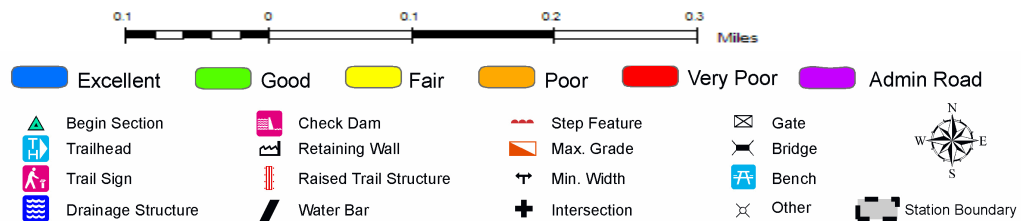
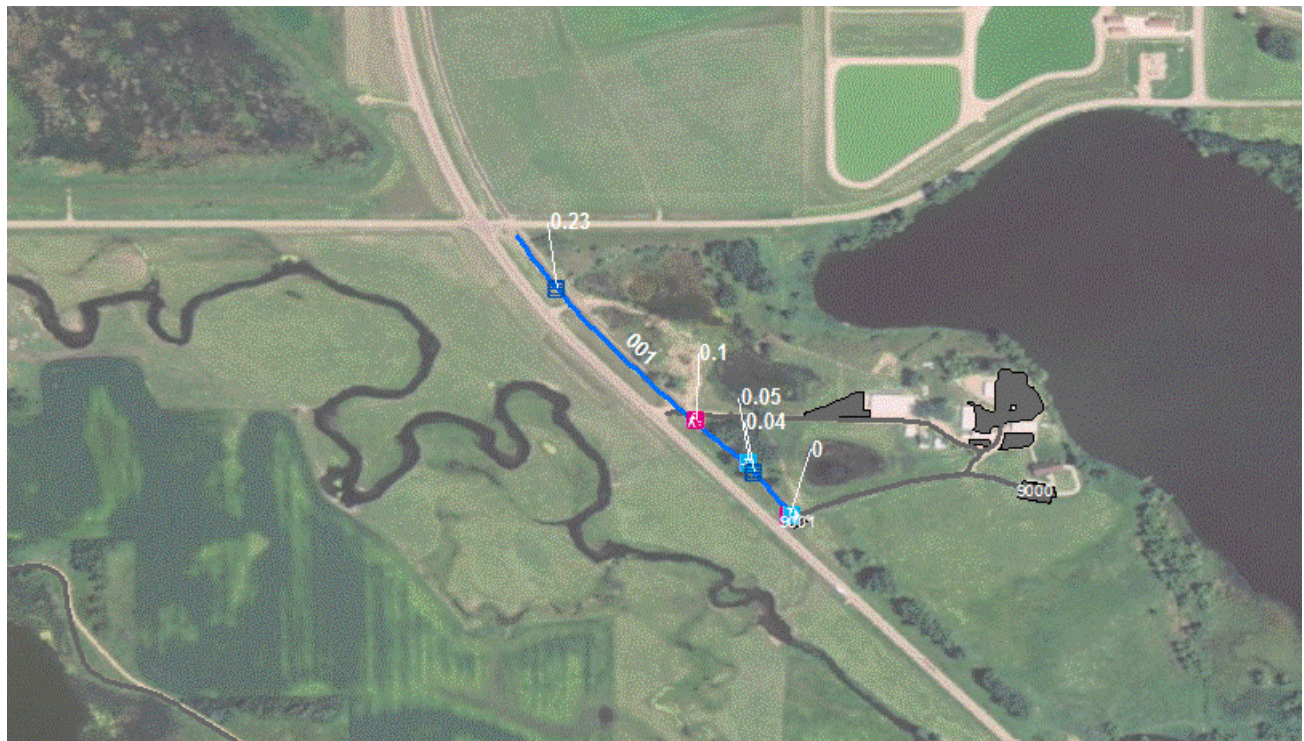
Total Length: 0.04 Miles

Section Number	001
Section Length (miles)	0.04
SAMMS Number	10066187
Rating Date	06/07/2011
Trail Section Information	
Trail Class	TC5
Surface Type	Concrete
Surface Firmness	Hard
Width (inches)	60
Average Grade (%)	3.1
Average X-slope (%)	1.30
Trail Condition Information	
Deferred Maintenance	
CRV	\$8,119
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$8,119	0.00	Excellent

TRAIL CONDITION



Trail Name: Madison WMD Bicycle Trail
Trail Number: T501

Refuge Name: Madison WMD
Region: 6

Total Length: 0.28 Miles

Section Number	001
Section Length (miles)	0.28
SAMMS Number	10062762
Rating Date	06/07/2011
Trail Section Information	
Trail Class	TC5
Surface Type	Asphalt
Surface Firmness	Hard
Width (inches)	120
Average Grade (%)	2.6
Average X-slope (%)	1.86
Trail Condition Information	
Deferred Maintenance	
CRV	\$101,560
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$101,560	0.00	Excellent

TRAIL DEFICIENCY

No Deficiencies

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Madison WMD
DATE: 06/07/2011



Photo # MADI_C2_0346 - MP 0.00 - Trailhead

TRAIL NUMBER: T500
STATION: Madison WMD
DATE: 06/07/2011



Photo # MADI_C2_0343 - MP 0.01 - Other

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501
STATION: Madison WMD
DATE: 06/07/2011



Photo # MADI_C2_0348 - MP 0.00 - Trailhead

TRAIL NUMBER: T501
STATION: Madison WMD
DATE: 06/07/2011



Photo # MADI_C2_0349 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501
STATION: Madison WMD
DATE: 06/07/2011



Photo # MADI_C2_0352 - MP 0.10 - Sign

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	SAMMS 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 \leq .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$.20 = Failed
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.
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.
MP	Distance of a trail feature or deficiency from the Trailhead.
Puncheon	Log footbridge used in area of poor drainage.
Raised Trail Structure	Boardwalk, Turnpike, Puncheon.
T Class	Trail Class: I-V (see Appendix ? for trail class descriptions).
Tr Desig	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
Turnpike	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.