

The Trail Inventory of Felsenthal NWR

Crossett, AR



Prepared By:
Federal Highway Administration
Central Federal Lands Highway Division
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Felsenthal NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Fair		Total
	Miles	%	Miles	%	Miles
Native	2.58	86%	0.42	14%	3.00
Gravel	0.01	100%	0.00	0%	0.01
Asphalt	0.43	100%	0.00	0%	0.43
Mowed	0.38	100%	0.00	0%	0.38
Total	3.40	89%	0.42	11%	3.82

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Fair		Total
	Miles	%	Miles	%	Miles
TC3	2.97	88%	0.42	12%	3.39
TC5	0.43	100%	0.00	0%	0.43
Total	3.40	89%	0.42	11%	3.82

*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	11	Yes	0.00	FELS_C2_0004
T300	Trailhead	1	No	0.00	FELS_C2_0001
T300	Sign	1	No	0.00	FELS_C2_1540
T300	Sign	58	Yes	0.04	FELS_C2_0002
T300	Sign	13	Yes	0.16	FELS_C2_0006
T300	Begin Section	1	No	0.31	FELS_C2_0007
T300	Bridge -sf	486	No	0.37	
T300	Begin Section	1	No	0.48	FELS_C2_0115
T300	Sign	1	No	0.75	
T300	Boardwalk -lf	46	No	0.79	FELS_C2_0123
T300	Sign	4	Yes	0.85	FELS_C2_0003
T300	Sign	1	No	1.40	
T300	Sign	5	Yes	1.44	FELS_C2_0005
T300	Bridge -sf	420	No	1.44	
T300	Sign	1	No	1.48	
T300	Sign	2	Yes	1.56	
T300	Begin Section	1	No	1.98	
T300	Bridge -sf	65	No	2.08	
T301	Trailhead	1	No	0.00	FELS_C2_0135
T301	Sign	2	No	0.00	FELS_C2_0136
T301	Begin Section	1	No	0.01	
T301	Sign	1	No	0.03	FELS_C2_0137
T301	Sign	2	No	0.04	FELS_C2_0138
T301	Puncheon -lf	80	No	0.11	FELS_C2_0139
T301	Sign	7	Yes	0.18	FELS_C2_0140
T500	Trailhead	1	No	0.00	FELS_C2_0100

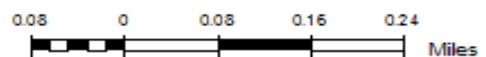
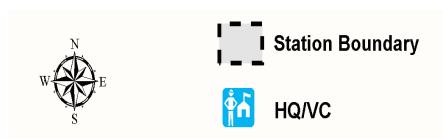
T500	Sign	1	No	0.00	FELS_C2_010 1
T500	Sign	1	No	0.01	FELS_C2_010 2
T500	Sign	11	Yes	0.03	FELS_C2_010 3
T500	Bench	1	No	0.21	
T500	Sign	6	Yes	0.26	FELS_C2_012 6
T500	Sign	1	No	0.33	FELS_C2_012 9
T500	Bench	1	No	0.33	
T500	Bench	1	No	0.35	
T500	Sign	1	No	0.35	FELS_C2_047 6
T500	Lookout/Ob Deck	1	No	0.37	
T500	Sign	2	No	0.38	FELS_C2_013 2

sf - square feet

lf - linear feet

cf - cubic feet

Felsenthal NWR Trail Location Map



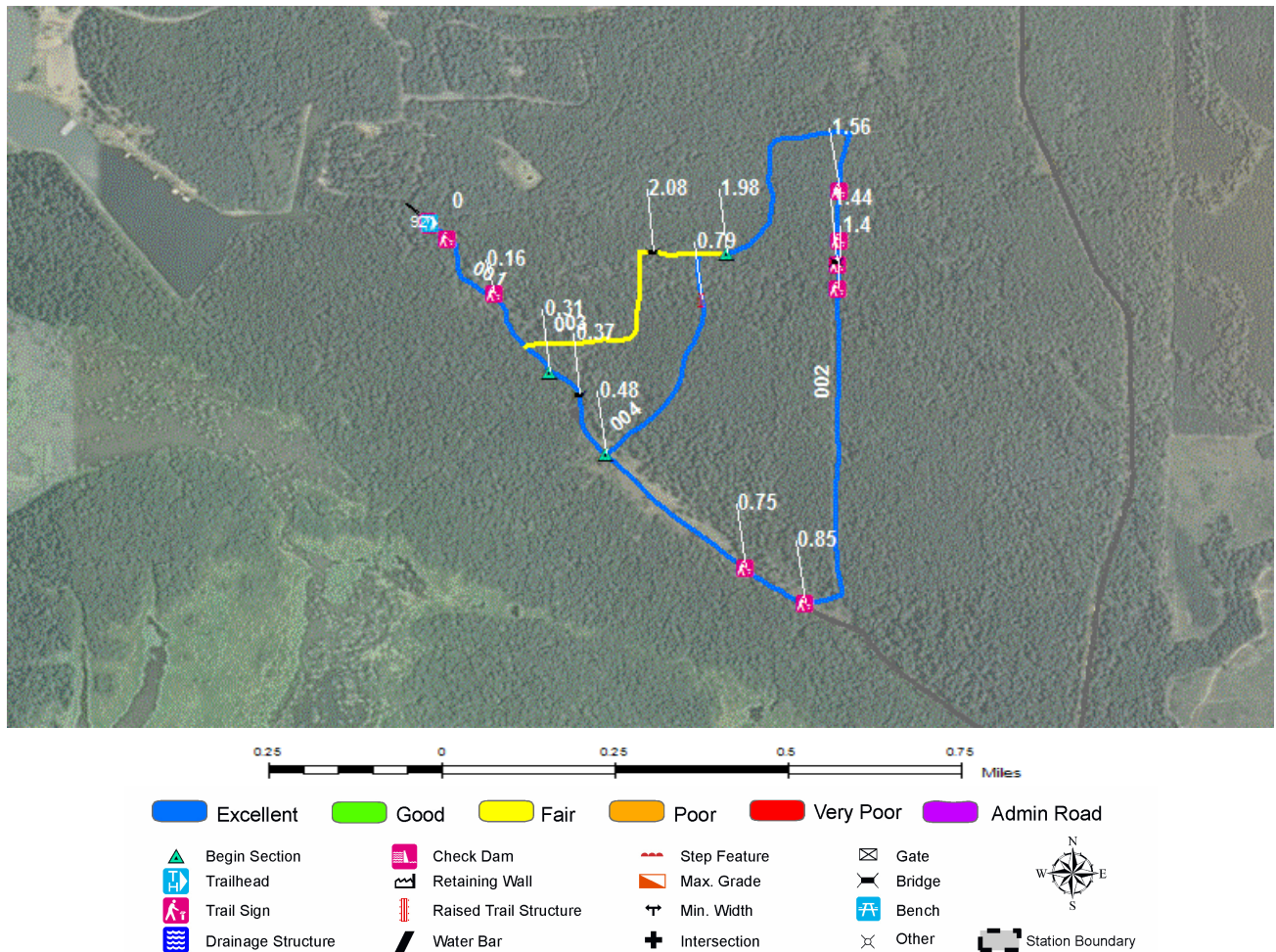
Trails ID

Station Name: Felsenthal NWR

Org Code: 43579

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Sand Prairie Trail	Mowed	N/A	0.38	From Sand Prairie Trail Parking (Rte 921) to End of Trail Loop at Sec 001
T300	Sand Prairie Trail	Native	N/A	2.40	From Sand Prairie Trail Parking (Rte 921) to End of Trail Loop at Sec 001
T301	Woodland Wildlife Trail Unpaved	Gravel	10018071	0.01	From Woodland Wildlife Trail (T500) to Visitor Center Parking (Rte 900)
T301	Woodland Wildlife Trail Unpaved	Native	10018071	0.60	From Woodland Wildlife Trail (T500) to Visitor Center Parking (Rte 900)
T500	Woodland Wildlife Trail	Asphalt	10018068	0.43	From Visitor Center Parking (Rte 900) to End of Trail Loop

TRAIL CONDITION



Trail Name: Sand Prairie Trail
Trail Number: T300

Refuge Name: Felsenthal NWR
Region: 4

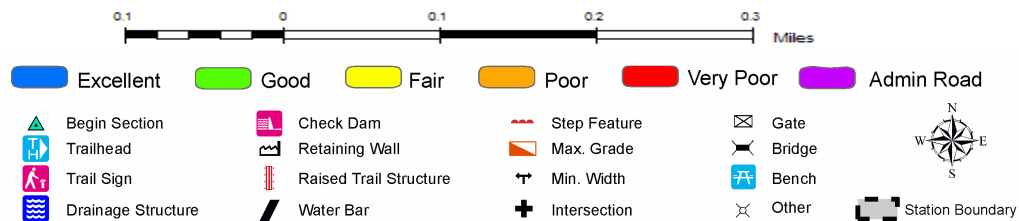
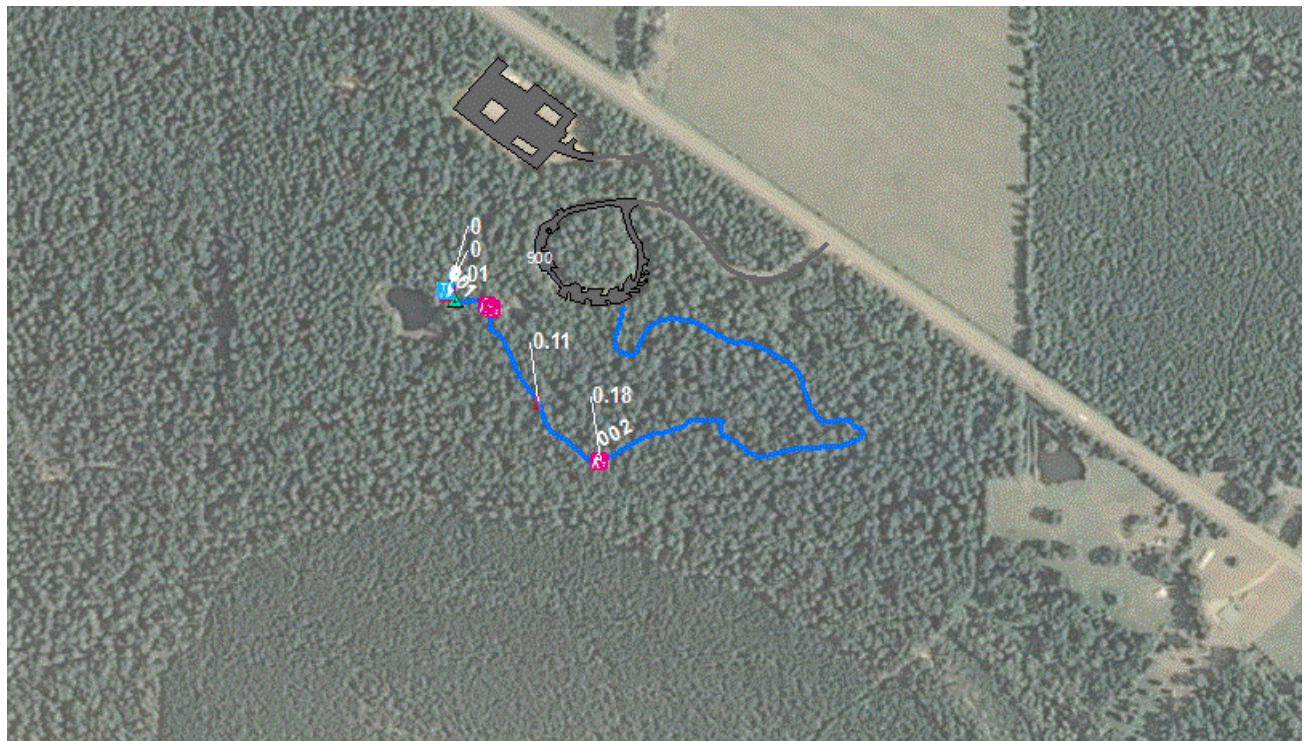
Total Length: 2.78 Miles

Section Number	001	002	003	004
Section Length (miles)	0.31	1.67	0.42	0.38
SAMMS Number	N/A	N/A	N/A	N/A
Rating Date	06/02/2006	06/02/2006	06/02/2006	06/03/2006
Trail Section Information				
Trail Class	TC3	TC3	TC3	TC3
Surface Type	Native	Native	Native	Mowed
Surface Firmness	Firm	Firm	Firm	Firm
Width (inches)	120	120	120	120
Average Grade (%)	0.9	0.9	0.9	0.9
Average X-slope (%)	1.90	1.90	1.90	1.90
Trail Condition Information				
Deferred Maintenance		\$204	\$8,517	
CRV	\$59,632	\$321,243	\$80,792	\$18,274
FCI	0.00	0.00	0.10	0.00
Condition	Excellent	Excellent	Fair	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$8,721	\$479,941	0.02	Good

TRAIL CONDITION



Trail Name: Woodland Wildlife Trail Unpaved **Refuge Name:** Felsenthal NWR

Trail Number: T301

Region: 4

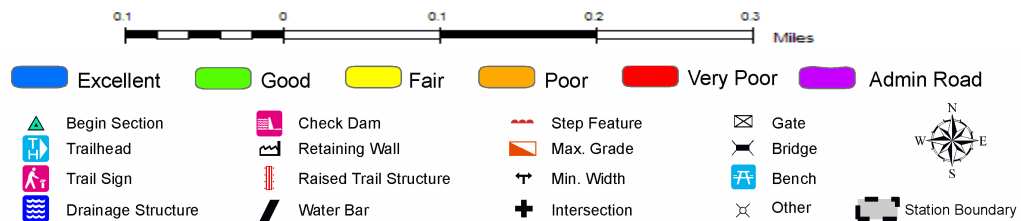
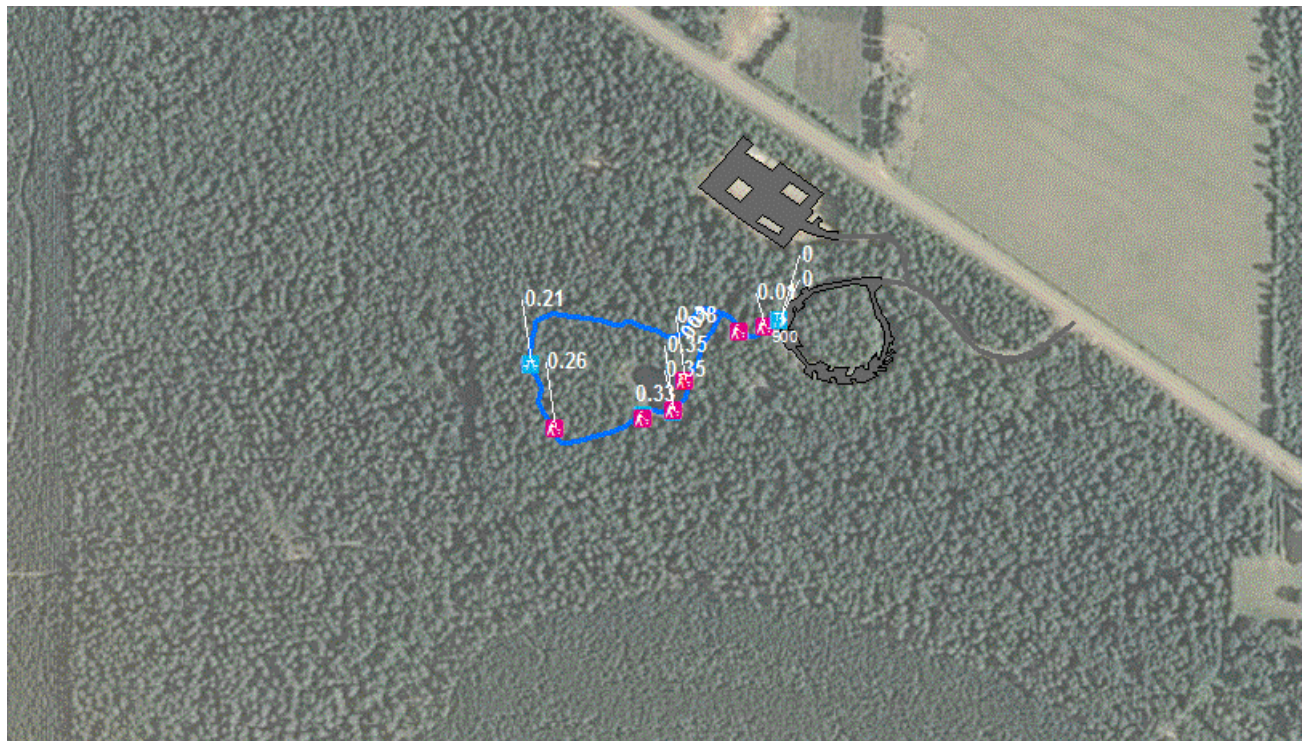
Total Length: 0.61 Miles

Section Number	001	002
Section Length (miles)	0.01	0.60
SAMMS Number	10018071	10018071
Rating Date	06/03/2006	06/03/2006
Trail Section Information		
Trail Class	TC3	TC3
Surface Type	Gravel	Native
Surface Firmness	Firm	Firm
Width (inches)	60	36
Average Grade (%)	2.8	2.8
Average X-slope (%)	3.70	3.70
Trail Condition Information		
Deferred Maintenance		
CRV	\$1,049	\$34,625
FCI	0.00	0.00
Condition	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$35,674	0.00	Excellent

TRAIL CONDITION



Trail Name: Woodland Wildlife Trail
Trail Number: T500

Refuge Name: Felsenthal NWR
Region: 4

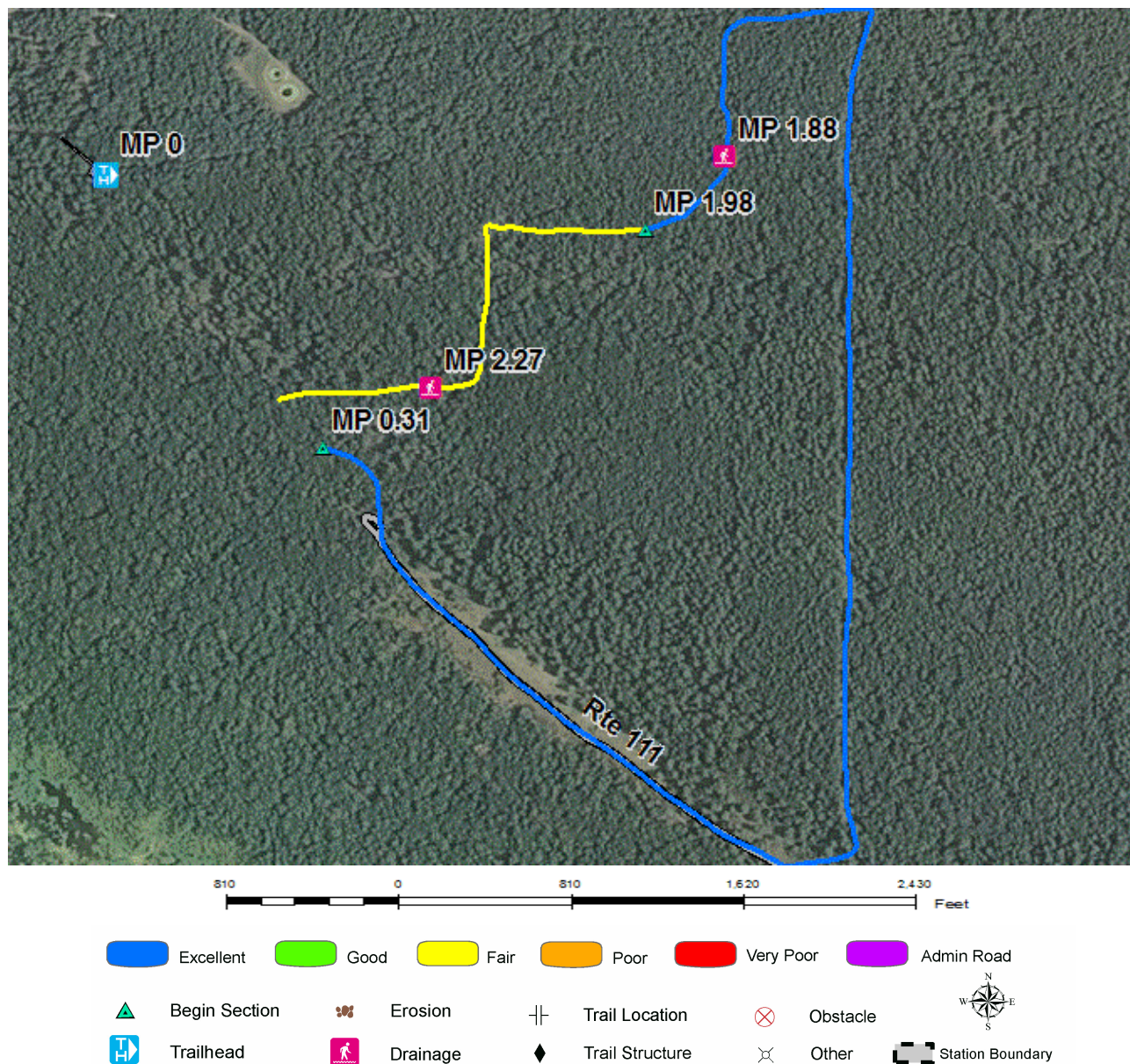
Total Length: 0.43 Miles

Section Number	001
Section Length (miles)	0.43
SAMMS Number	10018068
Rating Date	06/02/2006
Trail Section Information	
Trail Class	TC5
Surface Type	Asphalt
Surface Firmness	Paved
Width (inches)	120
Average Grade (%)	2.4
Average X-slope (%)	2.20
Trail Condition Information	
Deferred Maintenance	\$294
CRV	\$115,718
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$294	\$115,718	0.00	Excellent

TRAIL DEFICIENCY



Trail Name: Sand Prairie Trail

Refuge Name: Felsenthal NWR

Trail Number: T300

Region: 4

Total Length: 2.78 Miles

Mile Post	1.88	2.27
Section Number	002	003
Photo Number	FELS_C2_0008	FELS_C2_0009
Deficiency	Drainage	Drainage
Action	Build/Add	Build/Add
Item	Step: Log -each	Bridge -sf
Quantity	2	180
Deferred Maintenance	\$204	\$8,517

TRAIL DEFICIENCY



Trail Name: Woodland Wildlife Trail

Refuge Name: Felsenthal NWR

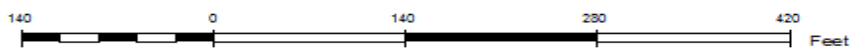
Trail Number: T500

Region: 4

Total Length: 0.43 Miles

Mile Post	0.06	0.10	0.13	0.16
Section Number	001	001	001	001
Photo Number	FELS_C2_0464		FELS_C2_0468	FELS_C2_0469
Deficiency	Obstacle	Obstacle	Obstacle	Obstacle
Action	Repair	Repair	Repair	Repair
Item	Other	Other	Other	Other
Quantity	100	500	350	210
Deferred Maintenance	\$37	\$37	\$37	\$37

TRAIL DEFICIENCY



Trail Name: Woodland Wildlife Trail

Refuge Name: Felsenthal NWR

Trail Number: T500

Region: 4

Total Length: 0.43 Miles

Mile Post	0.22	0.28	0.32	0.38
Section Number	001	001	001	001
Photo Number	FELS_C2_0471	FELS_C2_0472	FELS_C2_0473	FELS_C2_0478
Deficiency	Obstacle	Obstacle	Obstacle	Obstacle
Action	Repair	Repair	Repair	Repair
Item	Other	Other	Other	Other
Quantity	1,350	950	500	250
Deferred Maintenance	\$37	\$37	\$37	\$37

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Felsenthal NWR
DATE: 06/02/2006



Photo # FELS_C2_0001 - MP 0.00 - Trailhead

TRAIL NUMBER: T300
STATION: Felsenthal NWR
DATE: 06/02/2006



Photo # FELS_C2_0004 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Felsenthal NWR
DATE: 11/06/2011



Photo # FELS_C2_1540 - MP 0.00 - Sign

TRAIL NUMBER: T300
STATION: Felsenthal NWR
DATE: 06/02/2006



Photo # FELS_C2_0002 - MP 0.04 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Felsenthal NWR
DATE: 06/02/2006



Photo # FELS_C2_0006 - MP 0.16 - Sign

TRAIL NUMBER: T300
STATION: Felsenthal NWR
DATE: 06/02/2006



Photo # FELS_C2_0007 - MP 0.31 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Felsenthal NWR
DATE: 06/02/2006



Photo # FELS_C2_0003 - MP 0.85 - Sign

TRAIL NUMBER: T300
STATION: Felsenthal NWR
DATE: 06/02/2006



Photo # FELS_C2_0005 - MP 1.44 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Felsenthal NWR
DATE: 06/03/2006



Photo # FELS_C2_0115 - MP 0.48 - Begin Section

TRAIL NUMBER: T300
STATION: Felsenthal NWR
DATE: 06/03/2006



Photo # FELS_C2_0123 - MP 0.79 - Boardwalk -lf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Felsenthal NWR
DATE: 06/03/2006



Photo # FELS_C2_0136 - MP 0.00 - Sign

TRAIL NUMBER: T301
STATION: Felsenthal NWR
DATE: 06/03/2006



Photo # FELS_C2_0135 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Felsenthal NWR
DATE: 06/03/2006



Photo # FELS_C2_0137 - MP 0.03 - Sign

TRAIL NUMBER: T301
STATION: Felsenthal NWR
DATE: 06/03/2006



Photo # FELS_C2_0138 - MP 0.04 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Felsenthal NWR
DATE: 06/03/2006



Photo # FELS_C2_0139 - MP 0.11 - Puncheon -lf

TRAIL NUMBER: T301
STATION: Felsenthal NWR
DATE: 06/03/2006



Photo # FELS_C2_0140 - MP 0.18 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Felsenthal NWR
DATE: 06/02/2006



Photo # FELS_C2_0100 - MP 0.00 - Trailhead

TRAIL NUMBER: T500
STATION: Felsenthal NWR
DATE: 06/02/2006



Photo # FELS_C2_0101 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Felsenthal NWR
DATE: 06/02/2006



Photo # FELS_C2_0102 - MP 0.01 - Sign

TRAIL NUMBER: T500
STATION: Felsenthal NWR
DATE: 06/02/2006



Photo # FELS_C2_0103 - MP 0.03 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Felsenthal NWR
DATE: 06/03/2006



Photo # FELS_C2_0126 - MP 0.26 - Sign

TRAIL NUMBER: T500
STATION: Felsenthal NWR
DATE: 06/03/2006



Photo # FELS_C2_0129 - MP 0.33 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Felsenthal NWR
DATE: 04/21/2011



Photo # FELS_C2_0476 - MP 0.35 - Sign

TRAIL NUMBER: T500
STATION: Felsenthal NWR
DATE: 06/03/2006



Photo # FELS_C2_0132 - MP 0.38 - 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.