

The Trail Inventory of Kootenai NWR Bonners Ferry, ID



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Federal Highway Administration
Central Federal Lands Highway Division
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Kootenai NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Others		Total
	Miles	%	Miles	%	Miles
Native	1.98	100%	0.00	0%	1.98
Gravel	0.31	100%	0.00	0%	0.31
Asphalt	0.15	100%	0.00	0%	0.15
Concrete	0.16	100%	0.00	0%	0.16
Mowed	1.56	100%	0.00	0%	1.56
Admin Road	0.00	0%	2.16	100%	2.16
Total	4.16	66%	2.16	34%	6.32

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Others		Total
	Miles	%	Miles	%	Miles
TC3	3.54	62%	2.16	38%	5.70
TC4	0.16	100%	0.00	0%	0.16
TC5	0.46	100%	0.00	0%	0.46
Total	4.16	66%	2.16	34%	6.32

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

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Sign	3	No	0.00	KOOT_C2_0016
T300	Trailhead	1	No	0.00	KOOT_C2_0015
T300	Culvert -lf	40	No	0.41	KOOT_C2_0530
T300	Sign	2	No	0.42	KOOT_C2_0531
T300	Water Control Struc	1	No	0.96	KOOT_C2_0532
T300	Water Control Struc	1	No	1.05	
T301	Sign	1	No	0.00	KOOT_C2_0543
T301	Sign	2	No	0.00	KOOT_C2_0008
T301	Trailhead	1	No	0.00	KOOT_C2_0007
T301	Sign	3	No	0.01	KOOT_C2_0009
T301	Bench	1	No	1.18	KOOT_C2_0542
T301	Bench	1	No	1.67	KOOT_C2_0541
T301	Sign	5	Yes	2.05	KOOT_C2_0540
T301	Sign	2	No	2.10	KOOT_C2_0539
T301	Sign	1	No	2.11	KOOT_C2_0538
T302	Other	1	No	0.00	KOOT_C2_0527
T302	Sign	2	No	0.00	KOOT_C2_0528
T302	Trailhead	1	No	0.00	KOOT_C2_0529
T302	Max Grade- %	29	No	0.53	
T303	Trailhead	1	No	0.00	KOOT_C2_0533
T303	Max Grade- %	59	No	0.03	
T303	Gate	1	No	1.18	KOOT_C2_0534
T400	Trailhead	1	No	0.00	KOOT_C2_0523
T400	Gate	1	No	0.00	KOOT_C2_0522
T400	Max Grade- %	19	No	0.01	

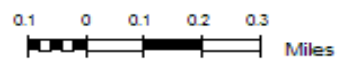
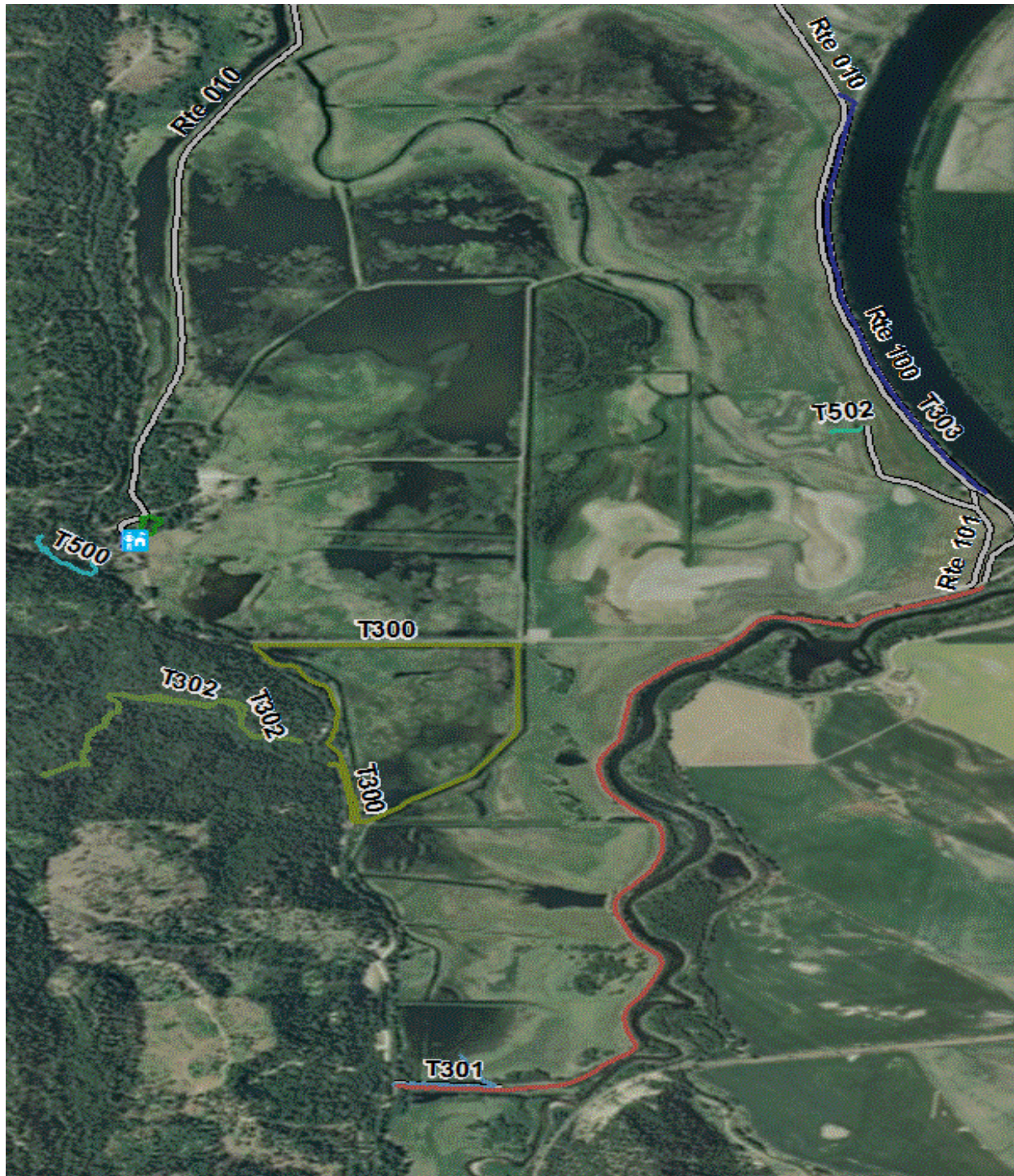
T400	Begin Section	1	No	0.16	KOOT_C2_052 6
T400	Sign	1	No	0.23	KOOT_C2_052 4
T400	Other	1	No	0.26	KOOT_C2_052 5
T500	Sign	3	No	0.00	KOOT_C2_003 0
T500	Trailhead	1	No	0.00	KOOT_C2_002 9
T500	Bridge -sf	600	No	0.14	KOOT_C2_003 4
T500	Sign	2	No	0.15	KOOT_C2_052 1
T500	Begin Section	1	No	0.15	KOOT_C2_052 0
T500	Bench	1	No	0.15	KOOT_C2_051 9
T501	Trailhead	1	No	0.00	KOOT_C2_003 6
T501	Sign	3	No	0.00	KOOT_C2_003 7
T501	Sign	11	Yes	0.02	KOOT_C2_003 8
T501	Bench	1	No	0.03	KOOT_C2_051 4
T501	Begin Section	1	No	0.05	KOOT_C2_004 0
T501	Water Control Struc	1	No	0.06	KOOT_C2_051 5
T501	Culvert -lf	9	No	0.09	KOOT_C2_051 6
T501	Culvert -lf	18	No	0.10	KOOT_C2_051 7
T501	Bridge -sf	60	No	0.12	KOOT_C2_004 1
T501	Sign	1	No	0.13	KOOT_C2_051 8
T502	Trailhead	1	No	0.00	KOOT_C2_053 5
T502	Other	1	No	0.05	KOOT_C2_053 6
T550	Sign	1	No	0.03	KOOT_C2_053 7

sf - square feet

lf - linear feet

cf - cubic feet

Kootenai NWR Trail Location Map



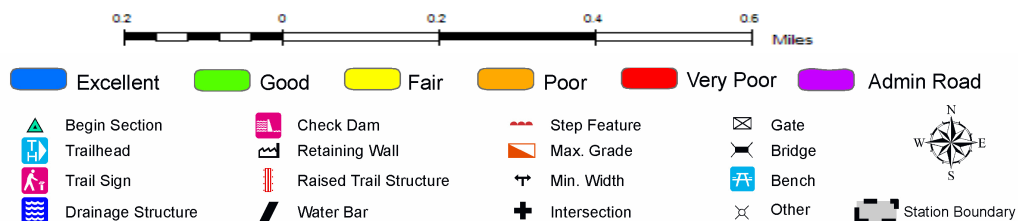
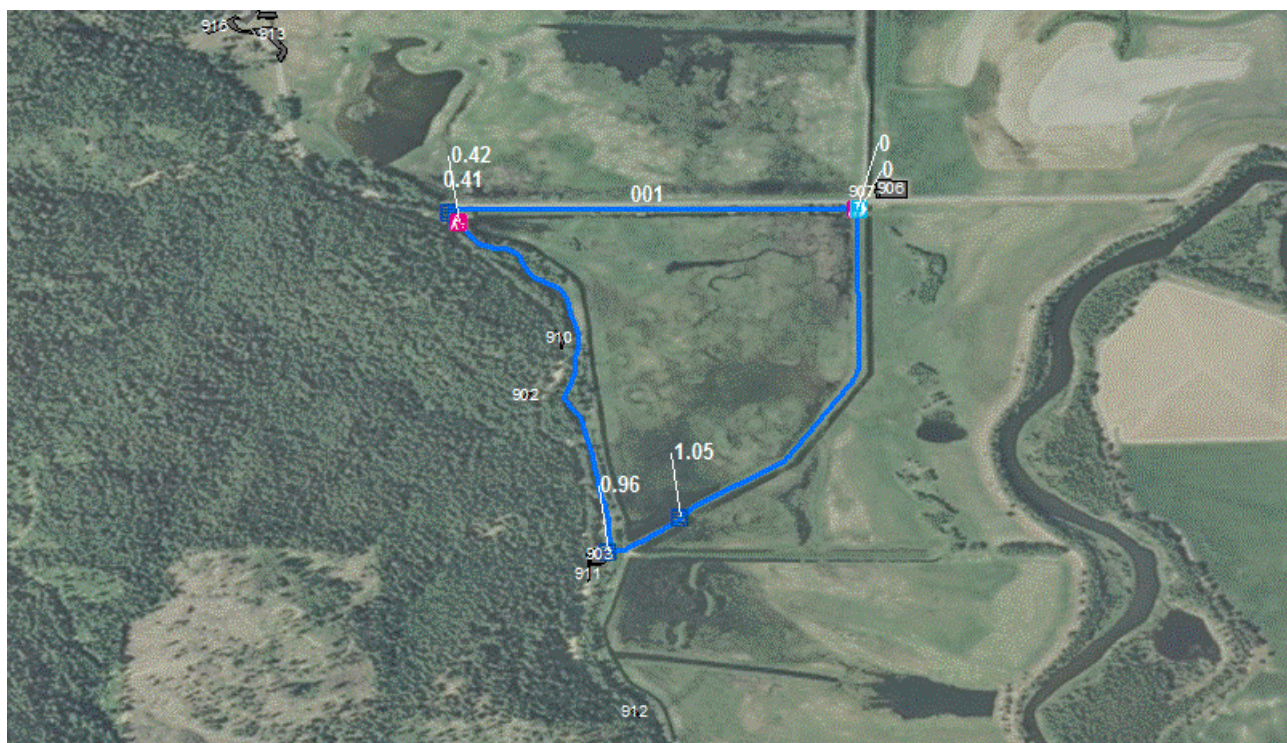
Trails ID

Station Name: Kootenai NWR

Org Code: 14580

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Island Pond Trail	Mowed	10036380	1.56	From Island Trail Parking (Rte 906) to end of trail at Island Trail Parking (Rte 906)
T301	Deep Creek Trail	Admin Road	10036379	2.16	From 1.4 miles south of Lion's Den Road to end of trail at Parking Lot (Rte 905) on Riverside Road
T302	Ole Humpback Trail	Native	10005502	0.71	From Trailhead Parking Lot (Rte. 902) off Lion's Den Road to End of Trail at Refuge Boundary Line
T303	Kootenai River Dike Trail	Native		1.18	From Auto Tour Road (Rte. 010) to End of Trail at Auto Tour Road (Rte. 010)
T400	South ADA Hunt Blind Trail	Gravel	10054565	0.26	Trailhead at Access Gate on Lion's Den Road to Hunt Blind
T500	Myrtle Creek Falls Trail	Asphalt	10005460	0.15	From ADA Myrtle Falls Parking Lot (Rte 916) to End of Trail at Refuge Boundary Line
T500	Myrtle Creek Falls Trail	Native	10005460	0.09	From ADA Myrtle Falls Parking Lot (Rte 916) to End of Trail at Refuge Boundary Line
T501	Chickadee Trail	Concrete	10005470	0.16	From Office Parking (Rte 900) to End of Loop
T502	North Ada Hunt Blind Trail	Gravel	10041923	0.05	Trailhead at North ADA Hunt Blind Parking Lot to Hunt Blind

TRAIL CONDITION



Trail Name: Island Pond Trail
Trail Number: T300

Refuge Name: Kootenai NWR
Region: 1

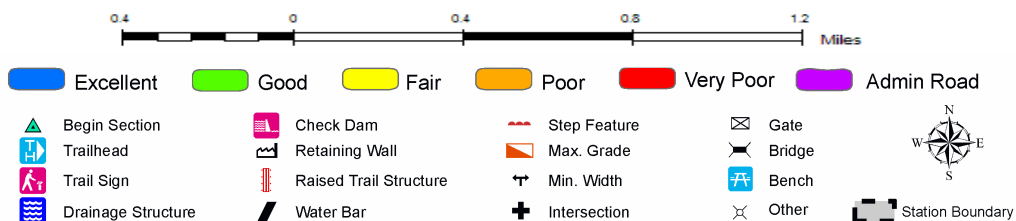
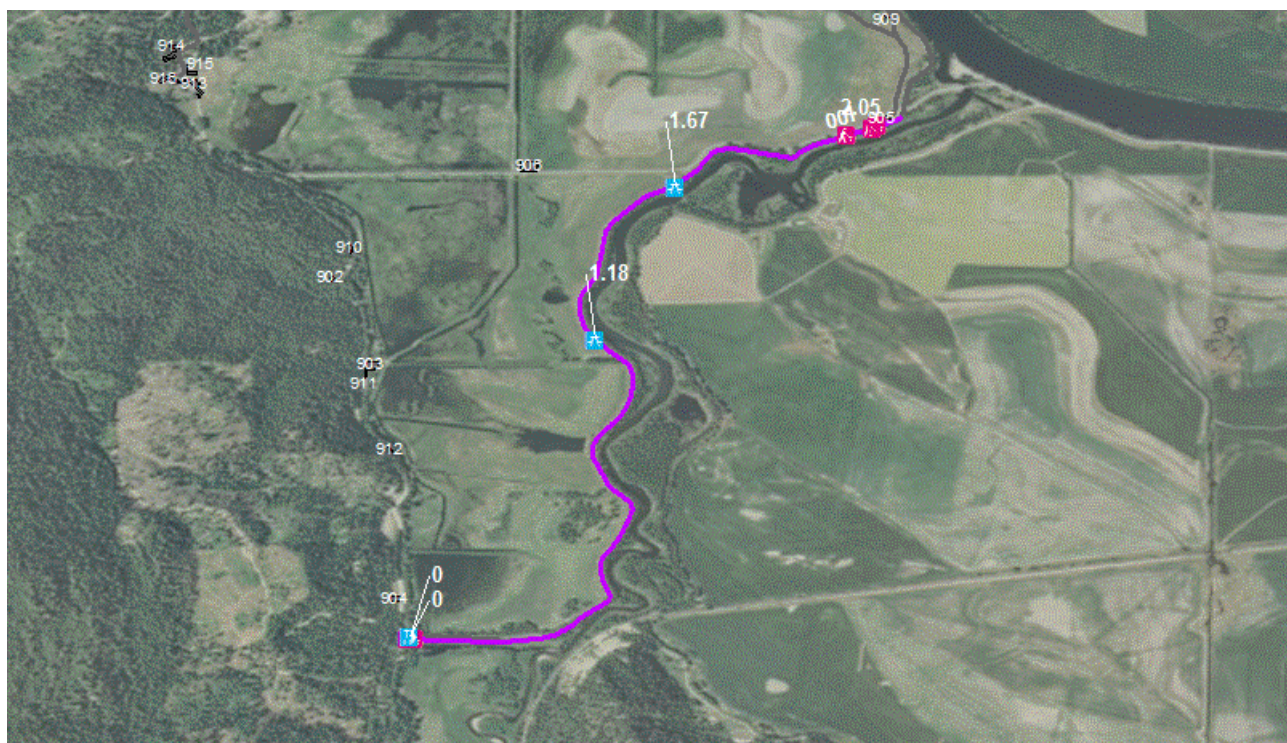
Total Length: 1.56 Miles

Section Number	001
Section Length (miles)	1.56
SAMMS Number	10036380
Rating Date	07/13/2007
Trail Section Information	
Trail Class	TC3
Surface Type	Mowed
Surface Firmness	Hard
Width (inches)	72
Average Grade (%)	5.7
Average X-slope (%)	4.90
Trail Condition Information	
Deferred Maintenance	
CRV	\$60,669
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$60,669	0.00	Excellent

TRAIL CONDITION



Trail Name: Deep Creek Trail
Trail Number: T301

Refuge Name: Kootenai NWR
Region: 1

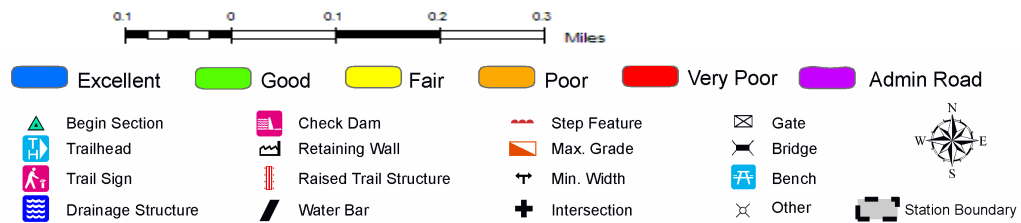
Total Length: 2.16 Miles

Section Number	001
Section Length (miles)	2.16
SAMMS Number	10036379
Rating Date	07/13/2007
Trail Section Information	
Trail Class	TC3
Surface Type	Admin Road
Surface Firmness	Hard
Width (inches)	96
Average Grade (%)	0.4
Average X-slope (%)	3.00
Trail Condition Information	
Deferred Maintenance	
CRV	
FCI	
Condition	

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition

TRAIL CONDITION



Trail Name: Ole Humpback Trail
Trail Number: T302

Refuge Name: Kootenai NWR
Region: 1

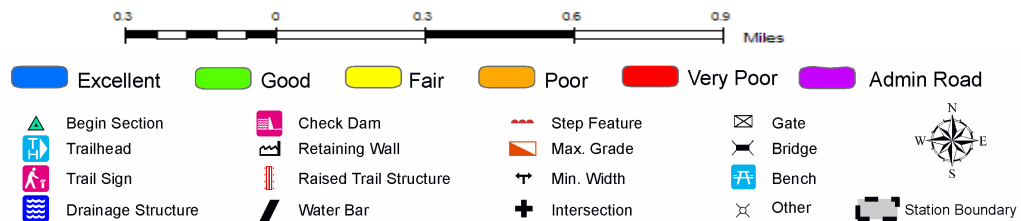
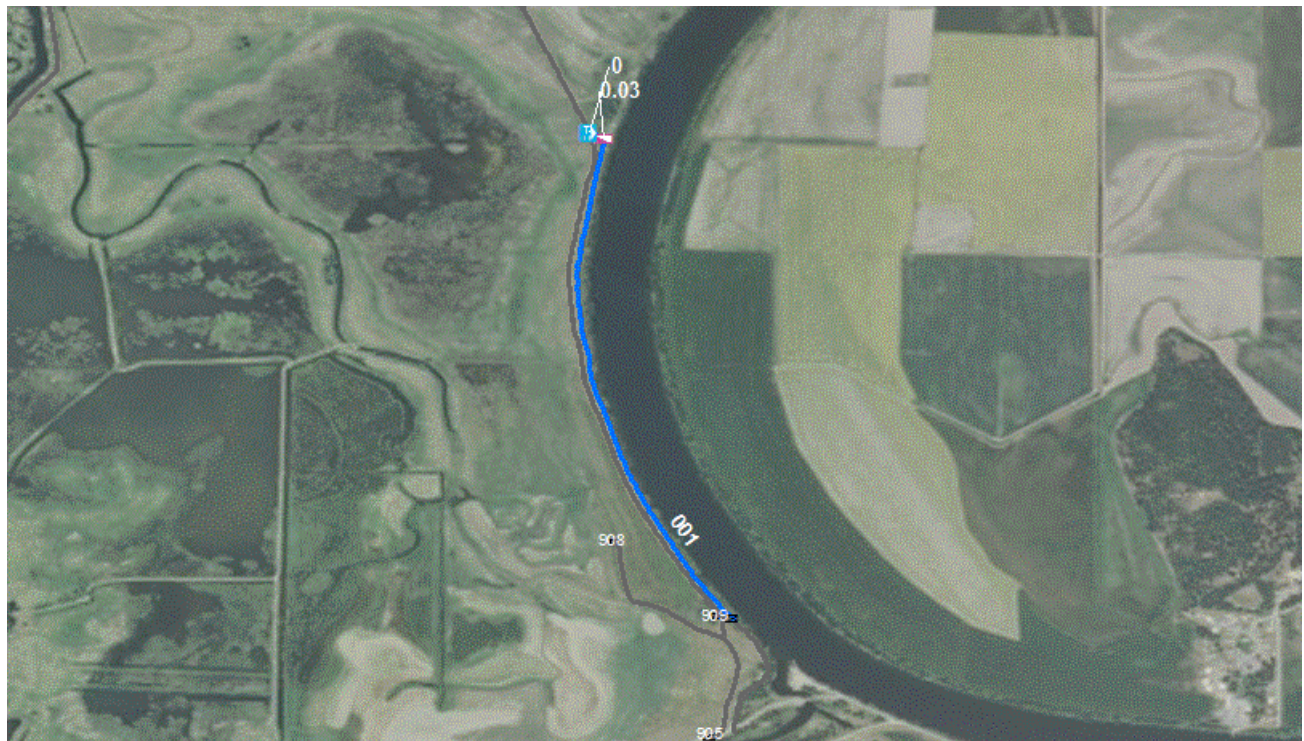
Total Length: 0.71 Miles

Section Number	001
Section Length (miles)	0.71
SAMMS Number	10005502
Rating Date	07/06/2011
Trail Section Information	
Trail Class	TC3
Surface Type	Native
Surface Firmness	Hard
Width (inches)	24
Average Grade (%)	4.4
Average X-slope (%)	14.60
Trail Condition Information	
Deferred Maintenance	
CRV	\$36,818
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$36,818	0.00	Excellent

TRAIL CONDITION



Trail Name: Kootenai River Dike Trail
Trail Number: T303

Refuge Name: Kootenai NWR
Region: 1

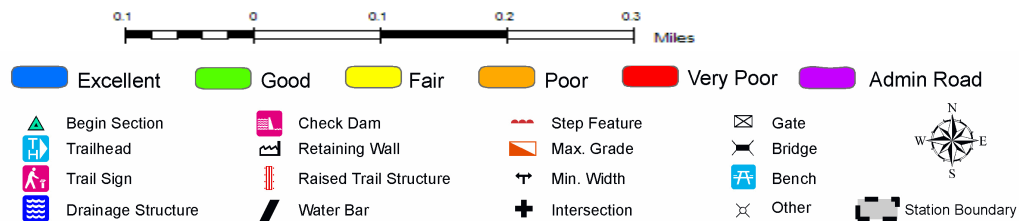
Total Length: 1.18 Miles

Section Number	001
Section Length (miles)	1.18
SAMMS Number	
Rating Date	07/07/2011
Trail Section Information	
Trail Class	TC3
Surface Type	Native
Surface Firmness	Hard
Width (inches)	72
Average Grade (%)	2.3
Average X-slope (%)	1.80
Trail Condition Information	
Deferred Maintenance	
CRV	\$183,561
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$183,561	0.00	Excellent

TRAIL CONDITION



Trail Name: South ADA Hunt Blind Trail
Trail Number: T400

Refuge Name: Kootenai NWR
Region: 1

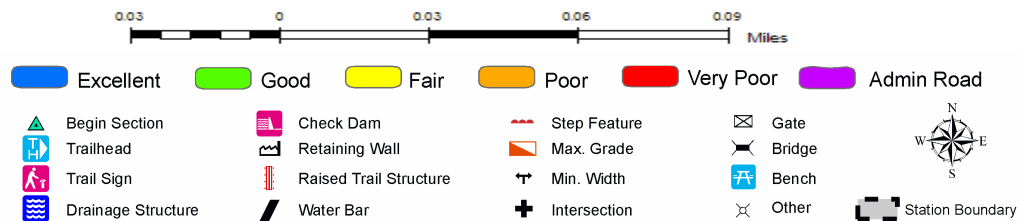
Total Length: 0.26 Miles

Section Number	001	002
Section Length (miles)	0.16	0.10
SAMMS Number	10054565	10054565
Rating Date	07/06/2011	07/06/2011
Trail Section Information		
Trail Class	TC4	TC5
Surface Type	Gravel	Gravel
Surface Firmness	Hard	Hard
Width (inches)	108	48
Average Grade (%)	4.1	4.1
Average X-slope (%)	2.80	2.80
Trail Condition Information		
Deferred Maintenance		
CRV	\$40,728	\$11,314
FCI	0.00	0.00
Condition	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$52,041	0.00	Excellent

TRAIL CONDITION



Trail Name: Myrtle Creek Falls Trail
Trail Number: T500

Refuge Name: Kootenai NWR
Region: 1

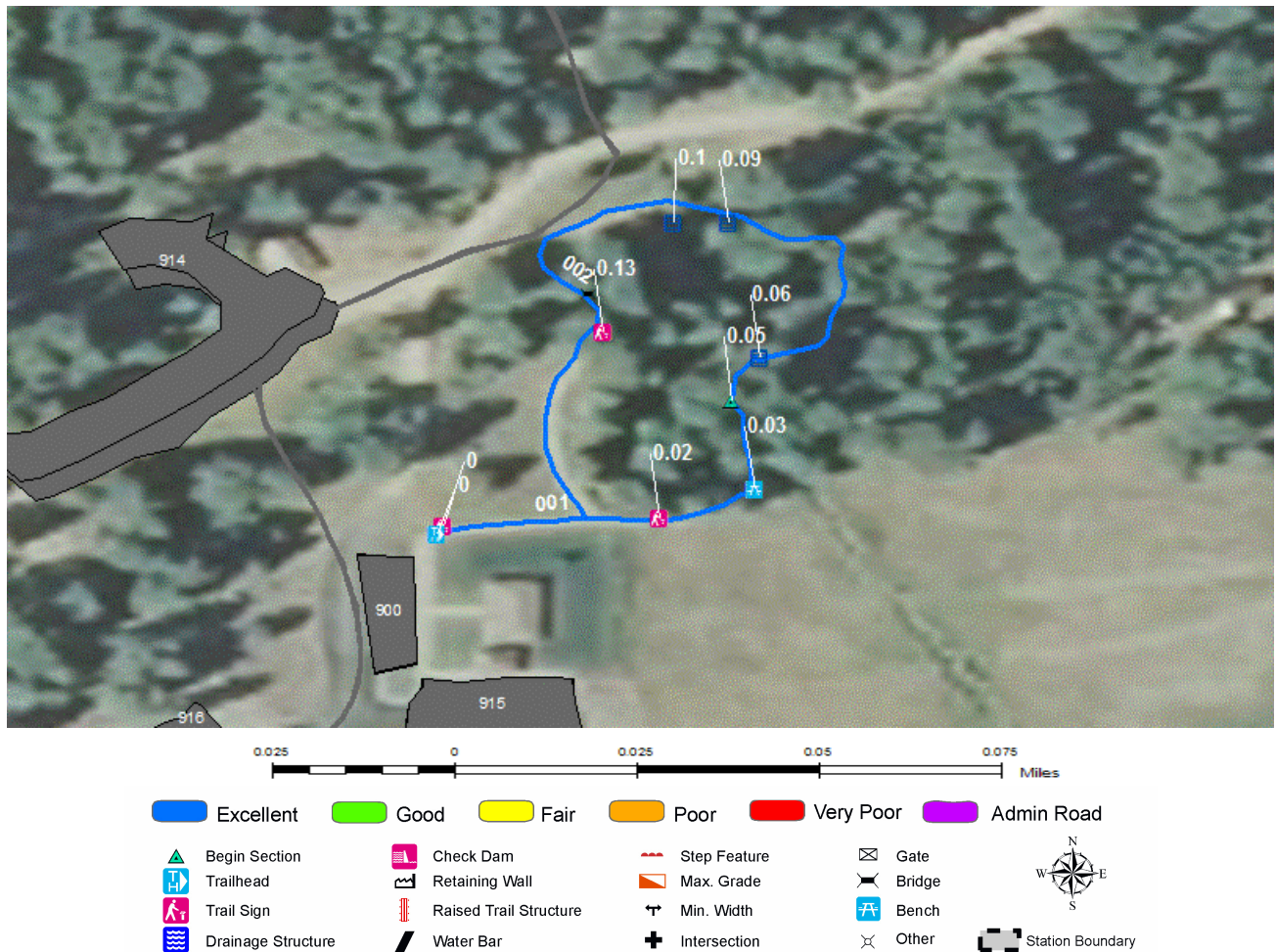
Total Length: 0.24 Miles

Section Number	001	002
Section Length (miles)	0.15	0.09
SAMMS Number	10005460	10005460
Rating Date	07/13/2007	07/07/2011
Trail Section Information		
Trail Class	TC5	TC3
Surface Type	Asphalt	Native
Surface Firmness	Paved	Firm
Width (inches)	72	24
Average Grade (%)	4.3	4.3
Average X-slope (%)	2.00	2.00
Trail Condition Information		
Deferred Maintenance		
CRV	\$32,644	\$4,665
FCI	0.00	0.00
Condition	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$37,309	0.00	Excellent

TRAIL CONDITION



Trail Name: Chickadee Trail
Trail Number: T501

Refuge Name: Kootenai NWR
Region: 1

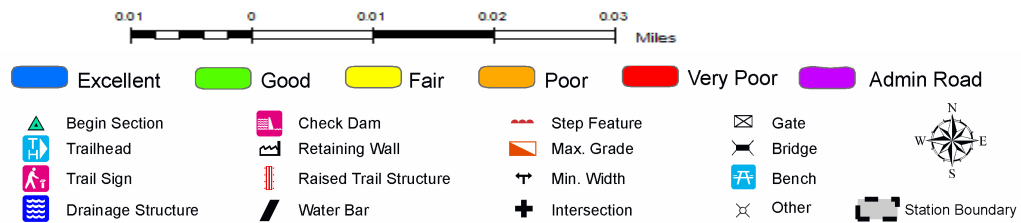
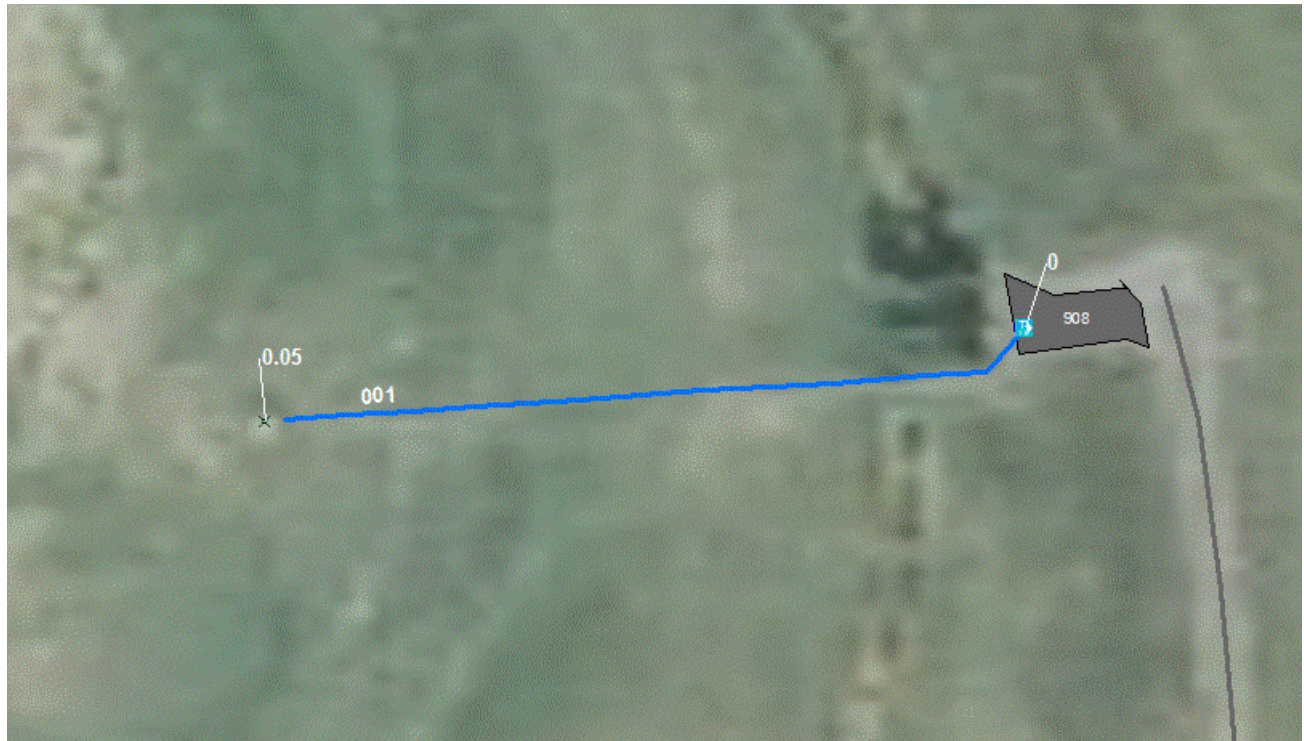
Total Length: 0.16 Miles

Section Number	001	002
Section Length (miles)	0.05	0.11
SAMMS Number	10005470	10005470
Rating Date	07/13/2007	07/13/2007
Trail Section Information		
Trail Class	TC5	TC5
Surface Type	Concrete	Concrete
Surface Firmness	Paved	Paved
Width (inches)	72	72
Average Grade (%)	3.2	3.2
Average X-slope (%)	1.60	1.60
Trail Condition Information		
Deferred Maintenance		
CRV	\$11,893	\$27,723
FCI	0.00	0.00
Condition	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$39,616	0.00	Excellent

TRAIL CONDITION



Trail Name: North Ada Hunt Blind Trail
Trail Number: T502

Refuge Name: Kootenai NWR
Region: 1

Total Length: 0.05 Miles

Section Number	001
Section Length (miles)	0.05
SAMMS Number	10041923
Rating Date	07/07/2011
Trail Section Information	
Trail Class	TC5
Surface Type	Gravel
Surface Firmness	Hard
Width (inches)	72
Average Grade (%)	1.6
Average X-slope (%)	1.70
Trail Condition Information	
Deferred Maintenance	
CRV	\$8,485
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$8,485	0.00	Excellent

TRAIL DEFICIENCY

No Deficiencies

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0016 - MP 0.00 - Sign

TRAIL NUMBER: T300
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0015 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0530 - MP 0.41 - Culvert -lf

TRAIL NUMBER: T300
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0531 - MP 0.42 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0532 - MP 0.96 - Water Control Struc

TRAIL NUMBER: T301
STATION: Kootenai NWR
DATE: 07/07/2011



Photo # KOOT_C2_0543 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0007 - MP 0.00 - Trailhead

TRAIL NUMBER: T301
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0008 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0009 - MP 0.01 - Sign

TRAIL NUMBER: T301
STATION: Kootenai NWR
DATE: 07/07/2011



Photo # KOOT_C2_0542 - MP 1.18 - Bench

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Kootenai NWR
DATE: 07/07/2011



Photo # KOOT_C2_0541 - MP 1.67 - Bench

TRAIL NUMBER: T301
STATION: Kootenai NWR
DATE: 07/07/2011



Photo # KOOT_C2_0540 - MP 2.05 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Kootenai NWR
DATE: 07/07/2011



Photo # KOOT_C2_0539 - MP 2.10 - Sign

TRAIL NUMBER: T301
STATION: Kootenai NWR
DATE: 07/07/2011



Photo # KOOT_C2_0538 - MP 2.11 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T302
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0527 - MP 0.00 - Other

TRAIL NUMBER: T302
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0528 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T302
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0529 - MP 0.00 - Trailhead

TRAIL NUMBER: T303
STATION: Kootenai NWR
DATE: 07/07/2011



Photo # KOOT_C2_0533 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T303
STATION: Kootenai NWR
DATE: 07/07/2011



Photo # KOOT_C2_0534 - MP 1.18 - Gate

TRAIL NUMBER: T400
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0522 - MP 0.00 - Gate

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0523 - MP 0.00 - Trailhead

TRAIL NUMBER: T400
STATION: Kootenai NWR
DATE: 07/06/2011

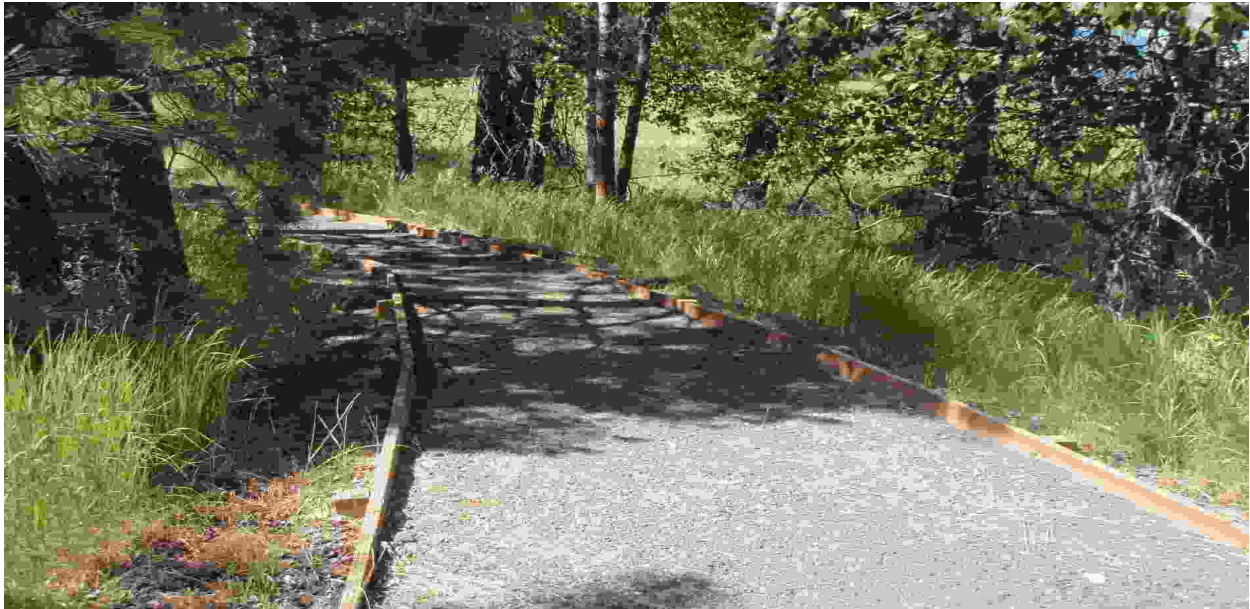


Photo # KOOT_C2_0526 - MP 0.16 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0524 - MP 0.23 - Sign

TRAIL NUMBER: T400
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0525 - MP 0.26 - Other

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0029 - MP 0.00 - Trailhead

TRAIL NUMBER: T500
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0030 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0034 - MP 0.14 - Bridge -sf

TRAIL NUMBER: T500
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0519 - MP 0.15 - Bench

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0520 - MP 0.15 - Begin Section

TRAIL NUMBER: T500
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0521 - MP 0.15 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0036 - MP 0.00 - Trailhead

TRAIL NUMBER: T501
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0037 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0038 - MP 0.02 - Sign

TRAIL NUMBER: T501
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0514 - MP 0.03 - Bench

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0040 - MP 0.05 - Begin Section

TRAIL NUMBER: T501
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0515 - MP 0.06 - Water Control Struc

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0516 - MP 0.09 - Culvert -lf

TRAIL NUMBER: T501
STATION: Kootenai NWR
DATE: 07/06/2011

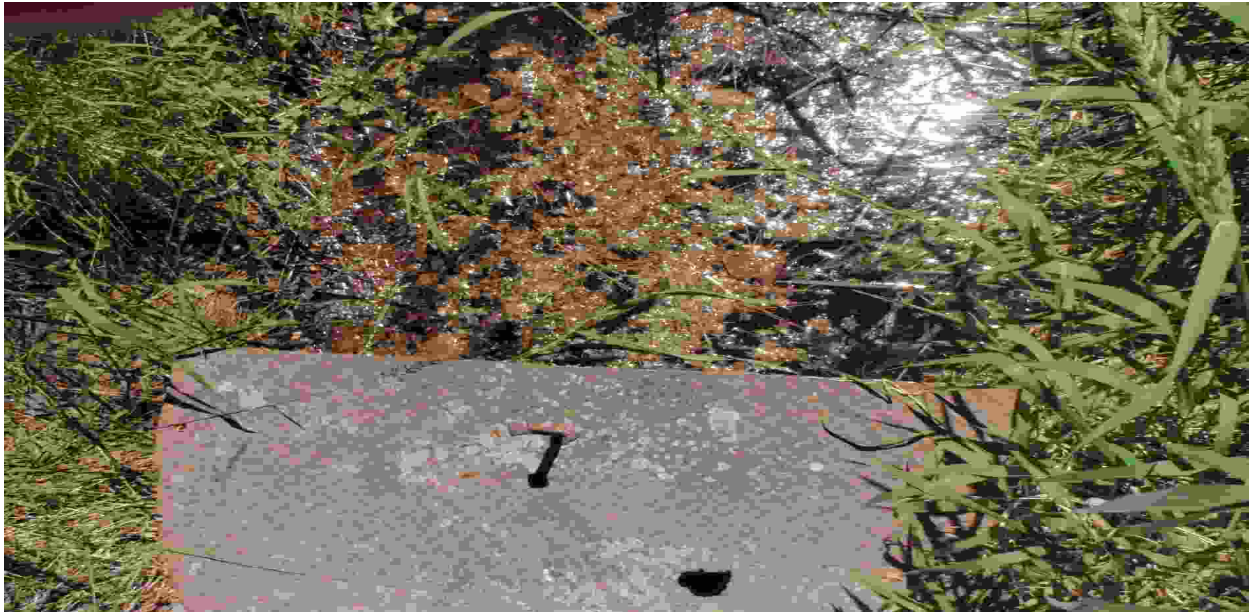


Photo # KOOT_C2_0517 - MP 0.10 - Culvert -lf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T501
STATION: Kootenai NWR
DATE: 07/13/2007



Photo # KOOT_C2_0041 - MP 0.12 - Bridge -sf

TRAIL NUMBER: T501
STATION: Kootenai NWR
DATE: 07/06/2011



Photo # KOOT_C2_0518 - MP 0.13 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T502
STATION: Kootenai NWR
DATE: 07/07/2011



Photo # KOOT_C2_0535 - MP 0.00 - Trailhead

TRAIL NUMBER: T502
STATION: Kootenai NWR
DATE: 07/07/2011



Photo # KOOT_C2_0536 - MP 0.05 - Other

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T550
STATION: Kootenai NWR
DATE: 07/07/2011



Photo # KOOT_C2_0537 - MP 0.03 - 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.