

The Trail Inventory of McNary National Wildlife Refuge Richland, Washington



**Prepared By:
Federal Highway Administration
Central Federal Lands Highway Division
May 2007**



McNary NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
Native	5.95	46%		0%		0%		0%		0%		0%	5.95
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	0.26	2%		0%		0%		0%		0%		0%	0.26
Mowed	0.13	1%		0%		0%		0%		0%		0%	0.13
Admin Road		0%		0%		0%		0%		0%	6.53	51%	6.53
Other		0%		0%		0%		0%		0%		0%	0.00
Totals	6.34	49%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	6.53	51%	12.87

Trail Miles and Percentages by Trail Classification and Condition

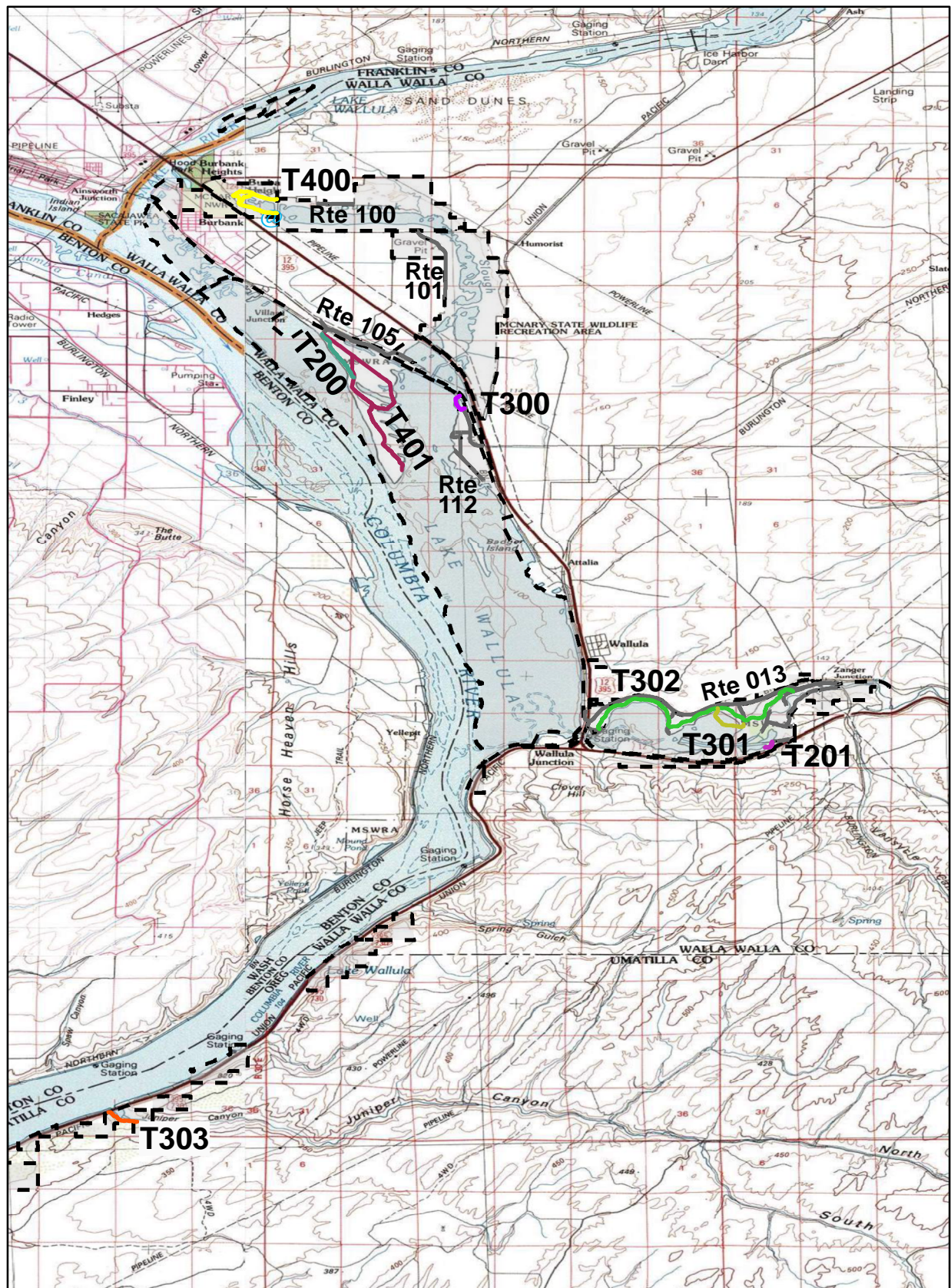
Trail Classification	Mileage by Trail Condition												Total Miles
	Excellent		Good		Fair		Poor		Very Poor		Not Rated*		
	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	MILES	%	
TC1		0%		0%		0%		0%		0%		0%	0.00
TC2	1.31	10%		0%		0%		0%		0%		0%	1.31
TC3	4.64	36%		0%		0%		0%		0%	5.25	41%	9.89
TC4	0.39	3%		0%		0%		0%		0%	1.28	10%	1.67
TC5		0%		0%		0%		0%		0%		0%	0.00
Totals	6.34	49%	0.00	0%	0.00	0%	0.00	0%	0.00	0%	6.53	51%	12.87

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

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T303	Gate	1	No	0.00	N/A
T400	Sign	2	No	0.00	1
T400	Bench	2	No	0.12	N/A
T400	Sign	1	No	0.12	5
T400	Sign	1	No	0.14	7
T400	Sign	1	No	0.89	13
T400	Bench	1	No	0.94	N/A
T400	Bench	2	No	1.19	N/A
T400	Bridge -sf	33	No	1.24	16
T400	Gate	1	No	1.43	N/A
T400	Sign	17	Yes	N/A	2
T400	Sign	5	Yes	N/A	4
T401	Sign	3	No	2.10	41
T401	Gate	1	No	2.11	N/A
T401	Sign	16	Yes	N/A	38
sf-square feet lf-linear feet cf-cubic feet					

MCNARY NWR TRAIL LOCATION MAP



Station Boundary



HQ/VC

0

5

10

Miles

TRAILS ID

Station Name: McNary NWR

Trail #	Trail Name	Surface Type(s)	SAMMS	Trail Mileage
T200	Peninsula Horse Trail	Native	N/A	0.95
T201	Wallula Bird Trail	Native	N/A	0.36
T300	Quarry Lake Trail	Admin Road, Native	N/A	0.37
T301	Millet Pond Trail	Admin Road, Native	10051063, N/A	0.67
T302	Wallula Horse Trail	Native	N/A	3.92
T303	Juniper Canyon Trail	Admin Road, Native	10003359, N/A	0.46
T400	Burbank Slough Wildlife Trail	Admin Road, Mowed, Native, Wood Chip	10051070, 10051071, 10051076, N/A	1.70
T401	Peninsula Hiking Trail	Admin Road	10003361, 10003364, N/A	4.44

TRAILS ID

Org. Code: 13520

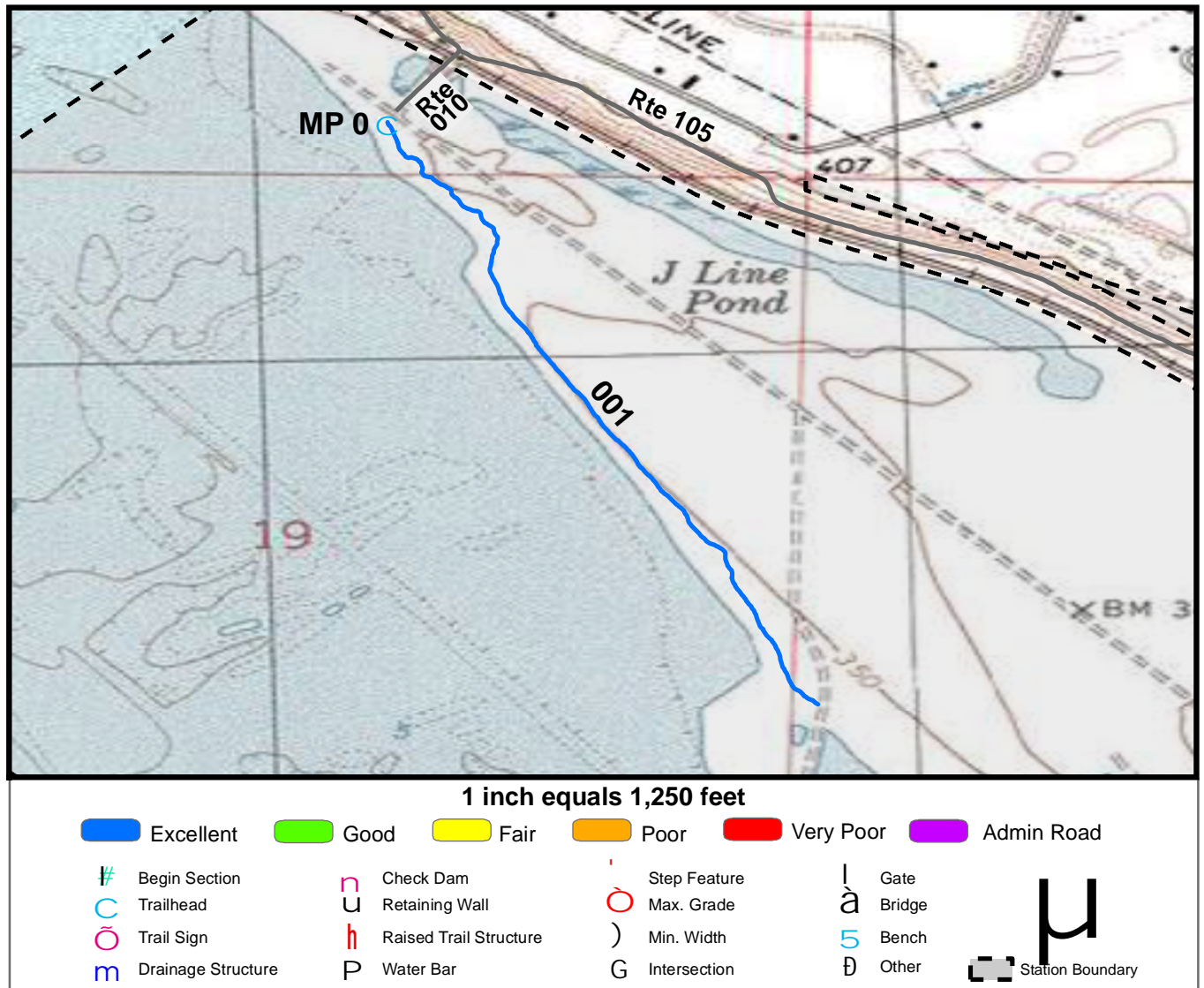
Trail Description (Begin and End point of trail)
From Peninsula Unit Entrance Road (Rte 010) to Peninsula Hiking Trail (T401)
From Johnson Pond Road (Rte 120) to end of loop
From Quarry Pond Parking #2 (Rte 912) to train tracks
From East Millet Pond Parking (Rte 923) to Wallula Horse Trail (T302)
From Cliff Unit Road (Rte 117) to Madame Dorian Road (Rte 114)
From Juniper Canyon Parking Lot (Rte 939) to end of trail
From Lake Road to Lake Road
From Peninsula Unit Entrance Road (Rte 010) to end of loop

CRV_sec DM_Sec FCI_sec CRV_Rte DM_Rte FCI_Rte

ATV	Administrative Road	Excellent	1	AL
BIKE	Levee	good	2	AK
DOG	Bridge	Fair	3	AZ
4WD	Dam	Poor	4	AR
HIKE		Failed	5	CA
MTRCYCL			6	CO
NSPC			7	CT
PACK				DE
POR				DC
SNOMO				FL
SNOWSHOE				GA
XSKI				GU
				HI
				ID
				IL
				IN
				IA
				KS
				KY
				LA
				ME
				MD
				MA
				MI
				MN
				MS
				MO
				MT
				NE
				NV
				NH
				NJ
				NM
				NY
				NC
				ND
				OH
				OK
				OR
				PA
				PR
				RI
				SC
				SD
				TN
				TX
				UT
				VT
				VI
				VA
				WA

WV
WI
WY

TRAIL CONDITION



Trail Name: Peninsula Horse Trail

Refuge Name: McNary NWR

Trail Number: T200

Region: 1

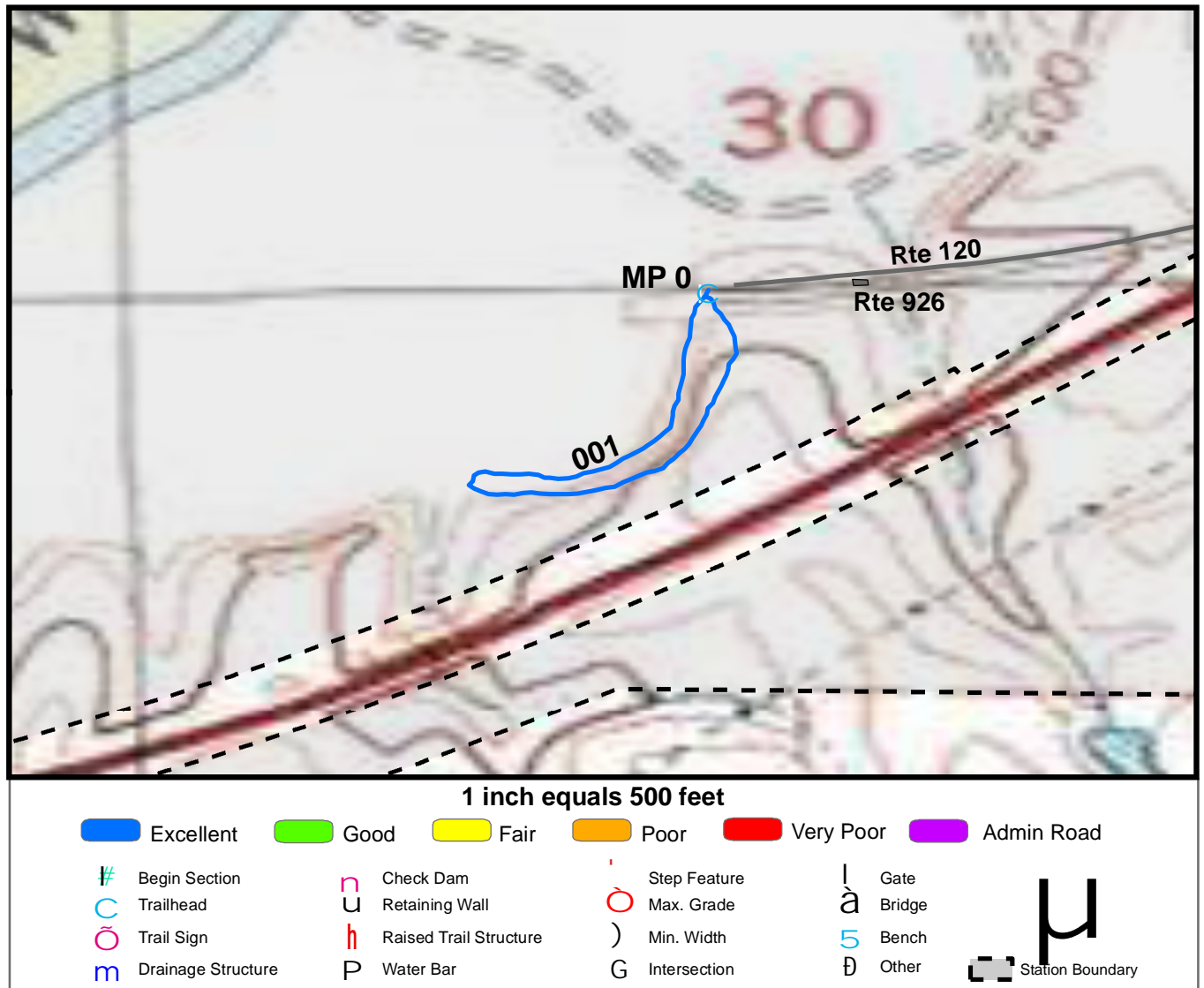
TOTAL LENGTH: 0.95 Miles

Section Number	001				
Section Length (miles)	0.95				
SAMMS Number	N/A				
Rating Date	5/21/2007				
Trail Section Information					
Trail Class	TC2				
Surface Type	Native				
Surface Firmness	Firm				
Width (inches)	18				
Average Grade (%)	0.9				
Average X-slope (%)	1.8				
Trail Condition Information					
Deferred Maintenance	\$0				
CRV	\$35284				
FCI	0				
Condition	Excellent				

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$35284	0	Excellent

TRAIL CONDITION



Trail Name: Wallula Bird Trail

Refuge Name: McNary NWR

Trail Number: T201

Region: 1

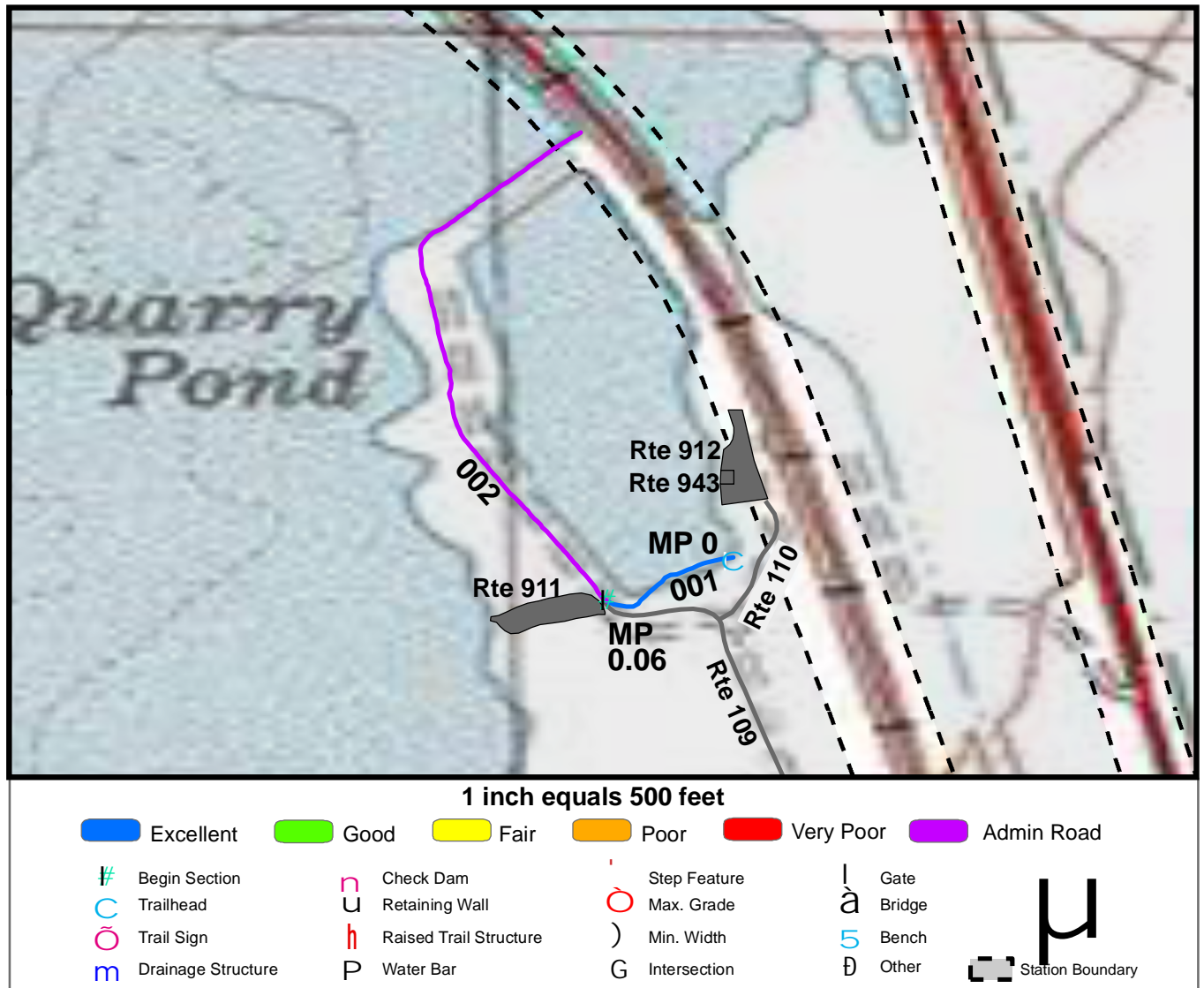
TOTAL LENGTH: 0.36 Miles

Section Number	001				
Section Length (miles)	0.36				
SAMMS Number	N/A				
Rating Date	5/21/2007				
Trail Section Information					
Trail Class	TC2				
Surface Type	Native				
Surface Firmness	Hard				
Width (inches)	18				
Average Grade (%)	15.7				
Average X-slope (%)	34.8				
Trail Condition Information					
Deferred Maintenance	\$0				
CRV	\$13336				
FCI	0				
Condition	Excellent				

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$13336	0	Excellent

TRAIL CONDITION



Trail Name: Quarry Lake Trail

Refuge Name: McNary NWR

Trail Number: T300

Region: 1

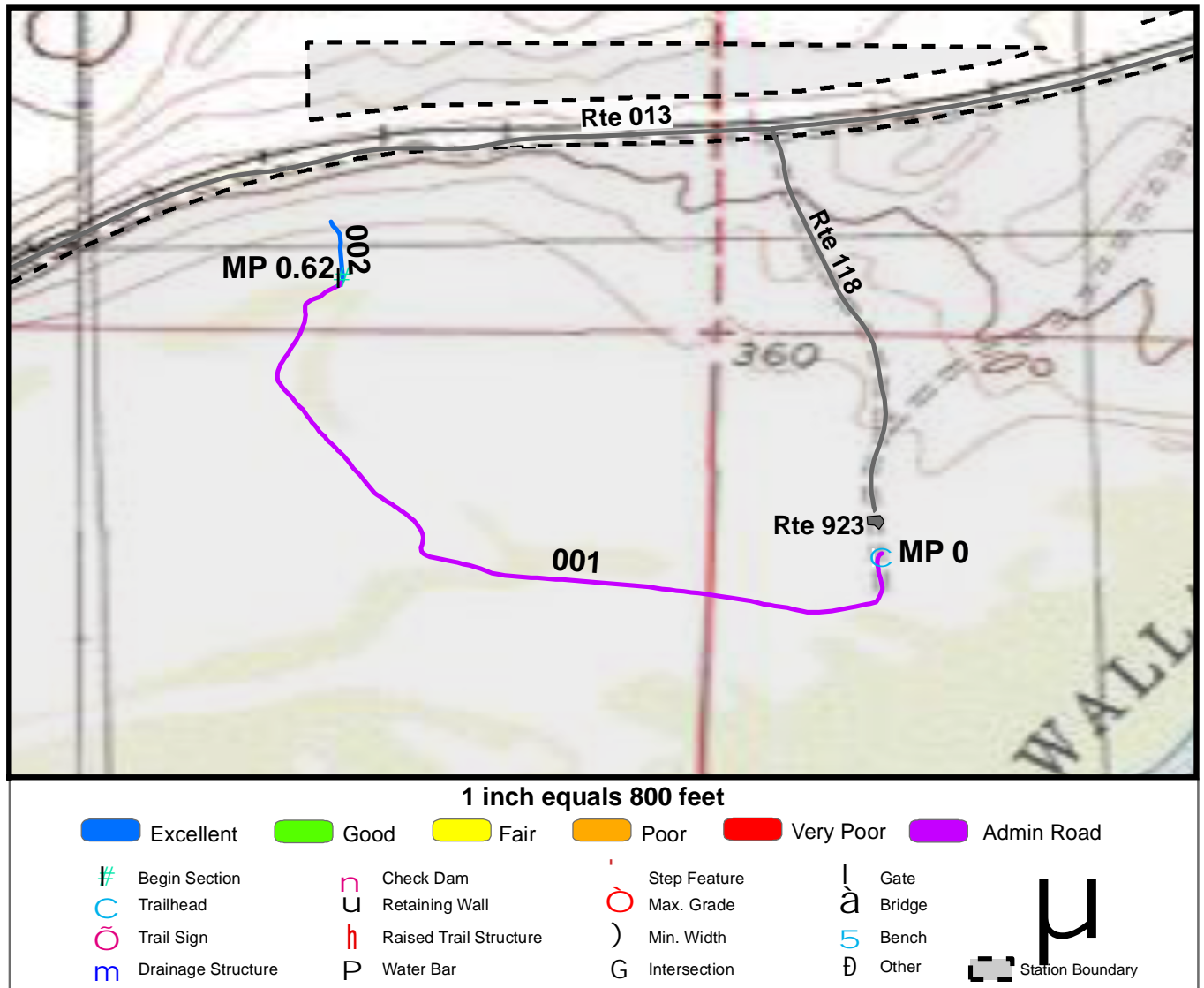
TOTAL LENGTH: 0.37 Miles

Section Number	001	002			
Section Length (miles)	0.06	0.31			
SAMMS Number	N/A	N/A			
Rating Date	5/21/2007	5/21/2007			
Trail Section Information					
Trail Class	TC3	TC3			
Surface Type	Native	Admin Road			
Surface Firmness	Firm	Firm			
Width (inches)	18	96			
Average Grade (%)	2.8	2.8			
Average X-slope (%)	2.1	2.1			
Trail Condition Information					
Deferred Maintenance	\$0	\$0			
CRV	\$2234	\$0			
FCI	0	0			
Condition	Excellent	Not Rated			

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$2234	0	Excellent

TRAIL CONDITION



Trail Name: Millet Pond Trail

Refuge Name: McNary NWR

Trail Number: T301

Region: 1

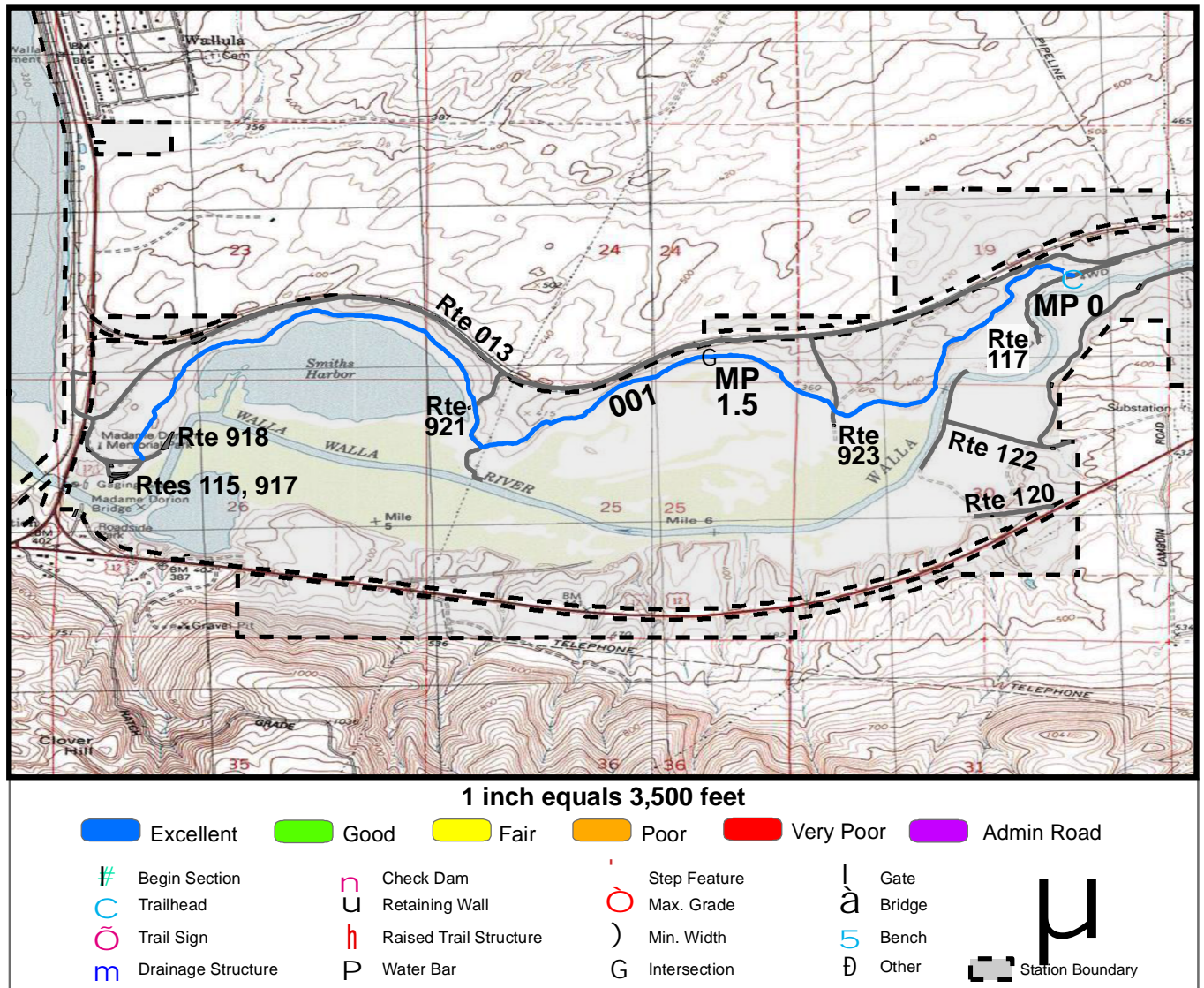
TOTAL LENGTH: 0.67 Miles

Section Number	001	002			
Section Length (miles)	0.62	0.05			
SAMMS Number	10051063	N/A			
Rating Date	5/21/2007	5/21/2007			
Trail Section Information					
Trail Class	TC3	TC3			
Surface Type	Admin Road	Native			
Surface Firmness	Firm	Very Soft			
Width (inches)	96	18			
Average Grade (%)	3.5	3.5			
Average X-slope (%)	3.8	3.8			
Trail Condition Information					
Deferred Maintenance	\$0	\$0			
CRV	\$0	\$1963			
FCI	0	0			
Condition	Not Rated	Excellent			

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$1963	0	Excellent

TRAIL CONDITION



Trail Name: Wallula Horse Trail

Refuge Name: McNary NWR

Trail Number: T302

Region: 1

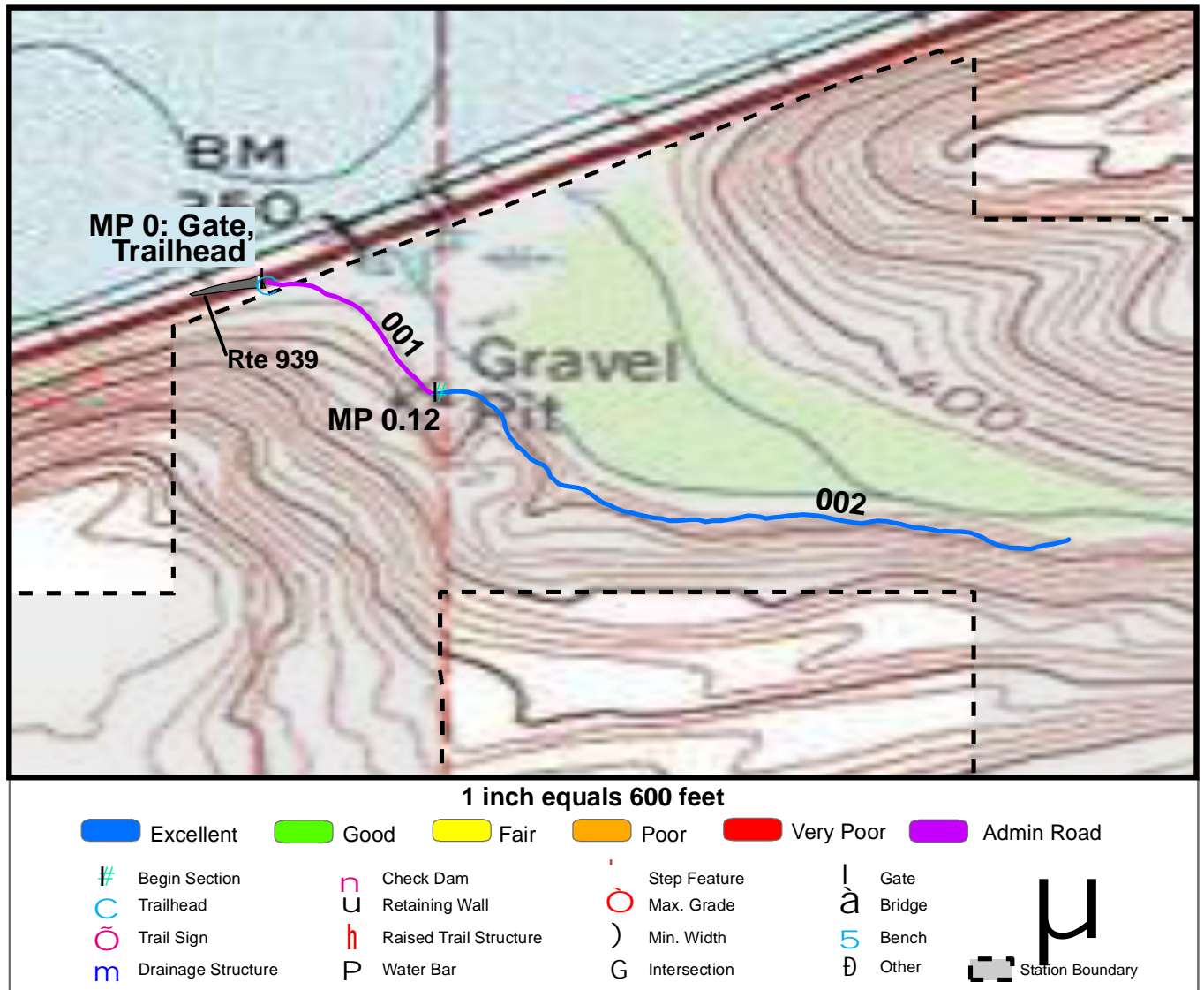
TOTAL LENGTH: 3.92 Miles

Section Number	001				
Section Length (miles)	3.92				
SAMMS Number	N/A				
Rating Date	5/21/2007				
Trail Section Information					
Trail Class	TC3				
Surface Type	Native				
Surface Firmness	Very Soft				
Width (inches)	18				
Average Grade (%)	7				
Average X-slope (%)	6.3				
Trail Condition Information					
Deferred Maintenance	\$0				
CRV	\$144899				
FCI	0				
Condition	Excellent				

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$144899	0	Excellent

TRAIL CONDITION



Trail Name: Juniper Canyon Trail

Refuge Name: McNary NWR

Trail Number: T303

Region: 1

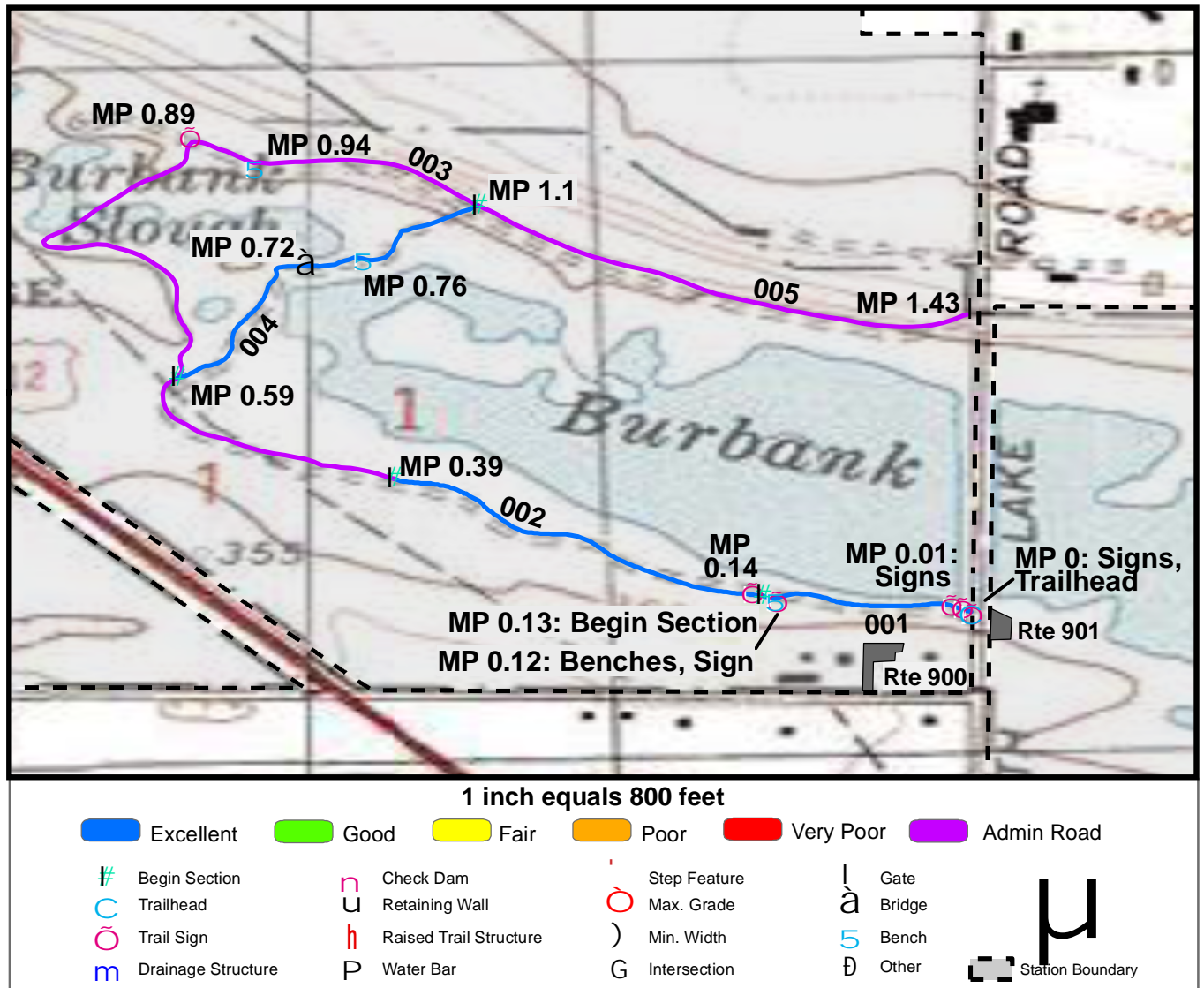
TOTAL LENGTH: 0.46 Miles

Section Number	001	002			
Section Length (miles)	0.12	0.34			
SAMMS Number	10003359	N/A			
Rating Date	5/21/2007	5/21/2007			
Trail Section Information					
Trail Class	TC3	TC3			
Surface Type	Admin Road	Native			
Surface Firmness	Firm	Firm			
Width (inches)	96	36			
Average Grade (%)	4.8	4.8			
Average X-slope (%)	3.5	3.5			
Trail Condition Information					
Deferred Maintenance	\$0	\$0			
CRV	\$0	\$25425			
FCI	0	0			
Condition	Not Rated	Excellent			

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$25425	0	Excellent

TRAIL CONDITION



Trail Name: Burbank Slough Wildlife Trail

Refuge Name: McNary NWR

Trail Number: T400

Region: 1

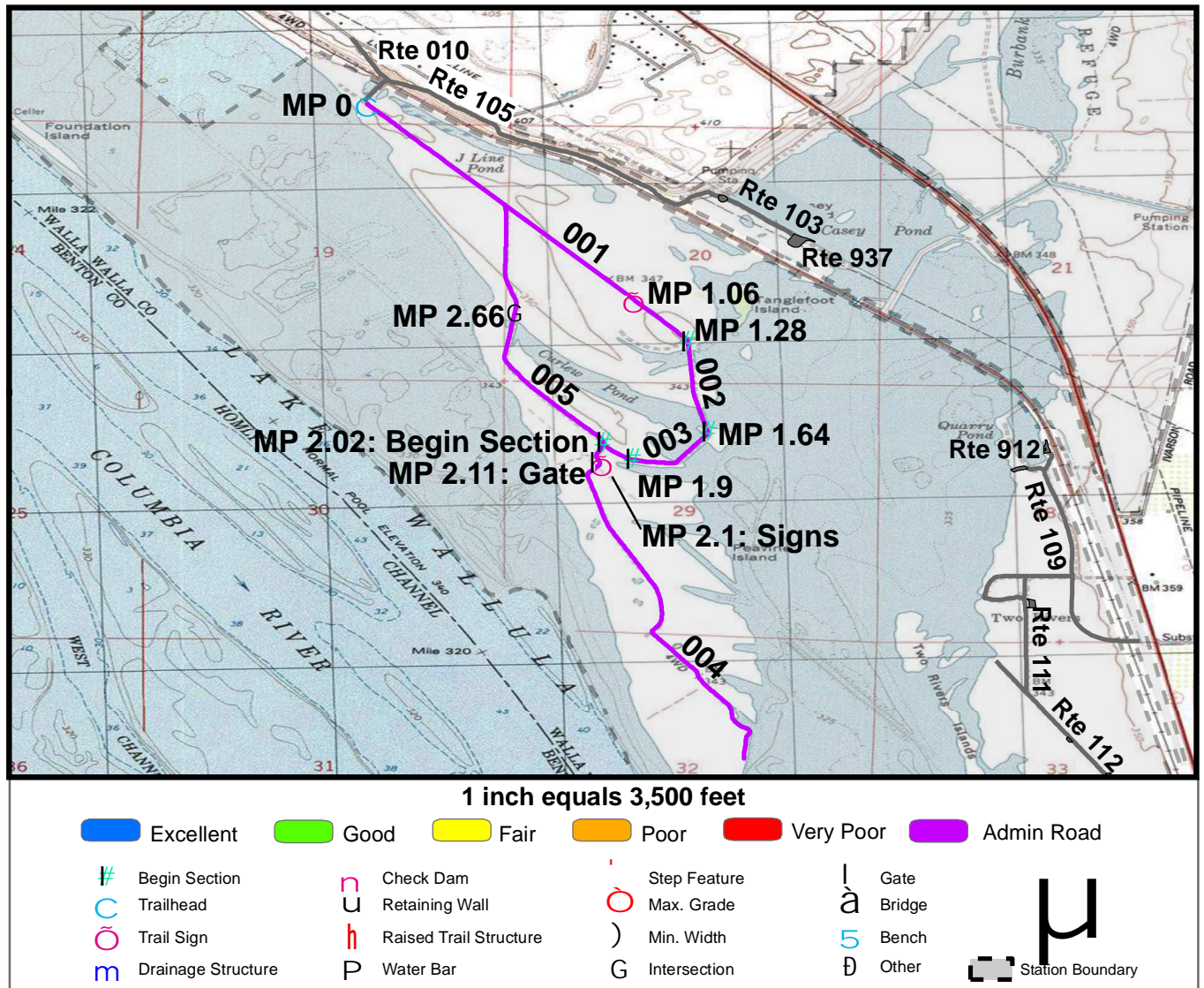
TOTAL LENGTH: 1.7 Miles

Section Number	001	002	003	004	005
Section Length (miles)	0.13	0.26	0.71	0.27	0.33
SAMMS Number	N/A	N/A	10051076	10051070	10051071
Rating Date	5/19/2007	5/19/2007	5/20/2007	5/20/2007	5/20/2007
Trail Section Information					
Trail Class	TC4	TC4	TC3	TC3	TC3
Surface Type	Mowed	Wood Chip	Admin Road	Native	Admin Road
Surface Firmness	Firm	Firm	Hard	Hard	Hard
Width (inches)	72	96	96	96	96
Average Grade (%)	2	2	2	2	2
Average X-slope (%)	2.9	2.9	2.9	2.9	2.9
Trail Condition Information					
Deferred Maintenance	\$0	\$0	\$0	\$0	\$0
CRV	\$4933	\$26010	\$0	\$56100	\$0
FCI	0	0	0	0	0
Condition	Excellent	Excellent	Not Rated	Excellent	Not Rated

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$0	\$87043	0	Excellent

TRAIL CONDITION



Trail Name: Peninsula Hiking Trail

Refuge Name: McNary NWR

Trail Number: T401

Region: 1

TOTAL LENGTH: 4.44 Miles

Section Number	001	002	003	004	005
Section Length (miles)	1.28	0.36	0.26	1.5	1.04
SAMMS Number	10003364	10003361	N/A	N/A	10003361
Rating Date	5/21/2007	5/21/2007	5/21/2007	5/21/2007	5/21/2007
Trail Section Information					
Trail Class	TC4	TC3	TC3	TC3	TC3
Surface Type	Admin Road	Admin Road	Admin Road	Admin Road	Admin Road
Surface Firmness	Paved	Firm	Firm	Firm	Firm
Width (inches)	252	132	96	120	120
Average Grade (%)	0.9	0.9	0.9	0.9	0.9
Average X-slope (%)	1.8	1.8	1.8	1.8	1.8
Trail Condition Information					
Deferred Maintenance	\$0	\$0	\$0	\$0	\$0
CRV	\$0	\$0	\$0	\$0	\$0
FCI	0	0	0	0	0
Condition	Not Rated	Not Rated	Not Rated	Not Rated	Not Rated

Trail Condition TOTALS

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

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T200**
STATION: McNary NWR
DATE: 5/21/2007



Photo # 42 - MP 0.0 - Trailhead

TRAIL NUMBER: **T201**
STATION: McNary NWR
DATE: 5/21/2007



Photo # 100 - MP 0.0 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T300**
STATION: McNary NWR
DATE: 5/21/2007



Photo # 60 - MP 0.0 - Trailhead

TRAIL NUMBER: **T300**
STATION: McNary NWR
DATE: 5/21/2007



Photo # 61 - MP 0.06 - Begin Section 002

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: McNary NWR
DATE: 5/21/2007



Photo # 87 - MP 0.0 - Trailhead

TRAIL NUMBER: T301
STATION: McNary NWR
DATE: 6/5/2007



Photo # 88 - MP 0.62 - Begin Section 002

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T303**
STATION: McNary NWR
DATE: 5/21/2007



Photo # 106 - MP 0.0 - Trailhead

TRAIL NUMBER: **T303**
STATION: McNary NWR
DATE: 6/5/2007



Photo # 107 - MP 0.12 - Begin Section 002

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**
STATION: McNary NWR
DATE: 5/19/2007



Photo # 3 - MP 0.0 - Trailhead

TRAIL NUMBER: **T400**
STATION: McNary NWR
DATE: 5/19/2007



Photo # 1 - MP 0.0 - Signs

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**
STATION: McNary NWR
DATE: 5/19/2007



Photo # 2 - MP 0.01 - Sign (Grouped)

TRAIL NUMBER: **T400**
STATION: McNary NWR
DATE: 5/19/2007



Photo # 4 - MP 0.01 - Sign (Grouped)

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**
STATION: McNary NWR
DATE: 5/19/2007



Photo # 5 - MP 0.12 - Sign

TRAIL NUMBER: **T400**
STATION: McNary NWR
DATE: 5/19/2007



Photo # 6 - MP 0.13 - Begin Section 002

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**
STATION: McNary NWR
DATE: 5/19/2007



Photo # 7 - MP 0.14 - Sign

TRAIL NUMBER: **T400**
STATION: McNary NWR
DATE: 5/20/2007



Photo # 12 - MP 0.39 - Begin Section 003

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**
STATION: McNary NWR
DATE: 5/20/2007



Photo # 13 - MP 0.89 - Sign

TRAIL NUMBER: **T400**
STATION: McNary NWR
DATE: 5/20/2007



Photo # 14 - MP 1.1 - Begin Section 004

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T400**
STATION: McNary NWR
DATE: 5/20/2007



Photo # 15 - MP 1.1 - Begin Section 005

TRAIL NUMBER: **T400**
STATION: McNary NWR
DATE: 5/20/2007



Photo # 16 - MP 1.24 - Bridge

PHOTOGRAPHIC SHEET

TRAIL NUMBER: **T401**
STATION: McNary NWR
DATE: 5/21/2007



Photo # 37 - MP 0.0 - Trailhead

TRAIL NUMBER: **T401**
STATION: McNary NWR
DATE: 5/21/2007



Photo # 38 - MP 1.06 - Sign (Grouped)

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T401
STATION: McNary NWR
DATE: 5/21/2007



Photo # 39 - MP 1.28 - Begin Section 002

TRAIL NUMBER: T401
STATION: McNary NWR
DATE: 5/21/2007



Photo # 40 - MP 1.64 - Begin Section 003

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T401
STATION: McNary NWR
DATE: 5/21/2007



Photo # 41 - MP 2.1 - Signs