

The Trail Inventory of Merced NWR Los Banos, CA



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

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Others		Total
	Miles	%	Miles	%	Miles
Gravel	0.31	100%	0.00	0%	0.31
Mowed	0.37	100%	0.00	0%	0.37
Admin Road	0.00	0%	1.77	100%	1.77
Total	0.68	28%	1.77	72%	2.45

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Others		Total
	Miles	%	Miles	%	Miles
TC3	0.68	28%	1.77	72%	2.45
Total	0.68	28%	1.77	72%	2.45

*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	MERC_C2_11 97
T300	Trailhead	1	No	0.00	MERC_C2_00 01
T300	Sign	1	No	0.11	MERC_C2_11 90
T300	Sign	1	No	0.27	MERC_C2_11 94
T300	Sign	2	No	0.56	MERC_C2_11 95
T300	Sign	1	No	0.70	MERC_C2_11 96
T300	Sign	1	No	0.84	MERC_C2_11 91
T300	Begin Section	1	No	0.85	MERC_C2_11 92
T300	Sign	2	No	0.87	MERC_C2_11 93
T300	Sign	1	No	0.90	MERC_C2_11 90
T301	Trailhead	1	No	0.00	MERC_C2_00 02
T301	Sign	2	No	0.01	MERC_C2_11 98
T301	Sign	1	No	0.39	MERC_C2_11 99
T302	Trailhead	1	No	0.00	MERC_C2_00 03
T302	Sign	2	No	0.00	MERC_C2_00 04
T302	Bridge -sf	110	No	0.15	MERC_C2_00 05
T302	Sign	1	No	0.17	MERC_C2_12 01
T302	Begin Section	1	No	0.17	MERC_C2_12 02
T302	Begin Section	1	No	0.22	MERC_C2_12 03
T302	Culvert -lf	15	No	0.32	MERC_C2_12 00

sf - square feet

lf - linear feet

cf - cubic feet

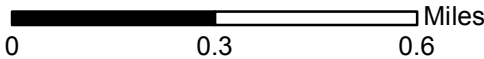
Merced NWR Trail Location Map



Station Boundary



HQ/VC



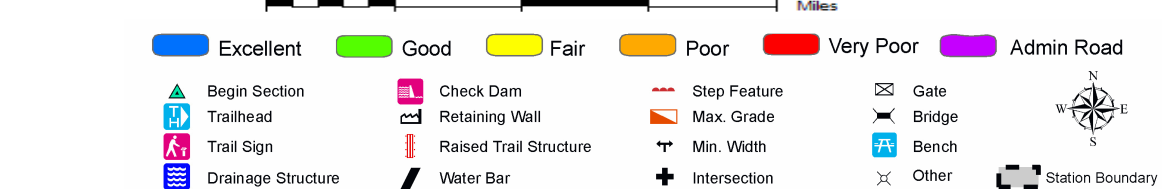
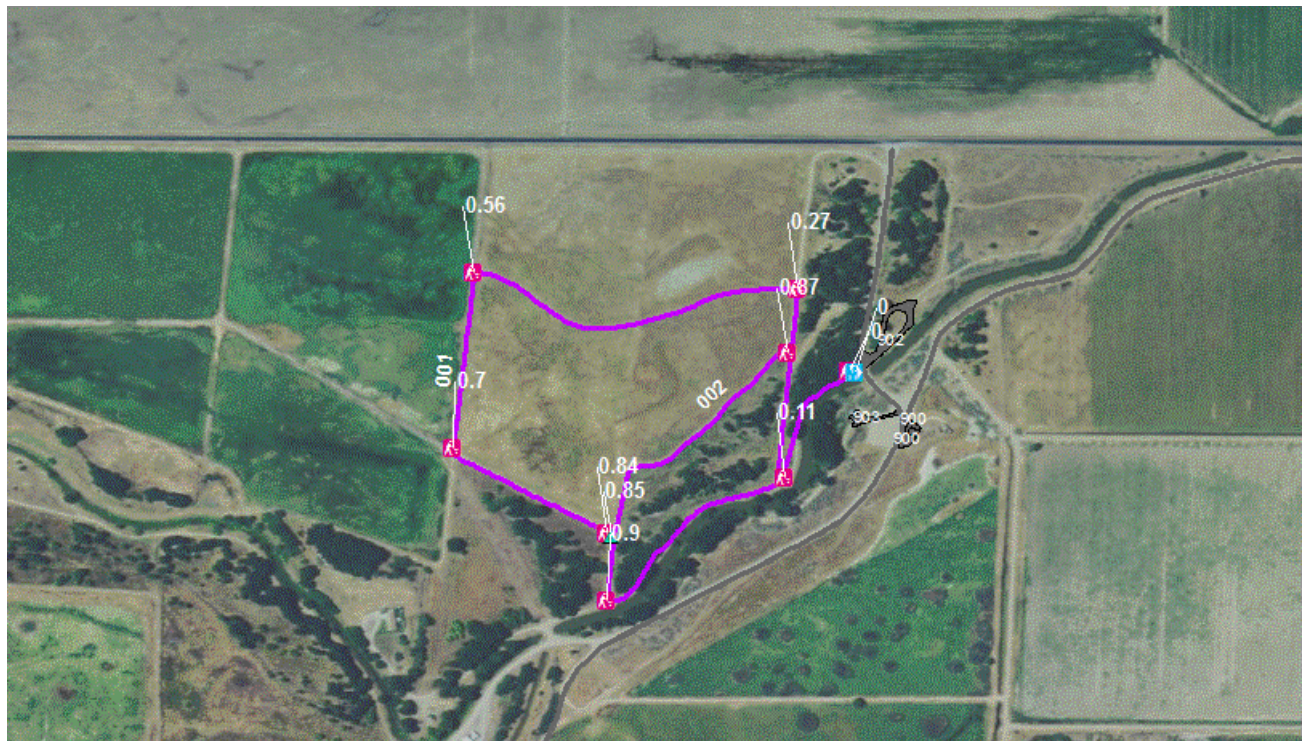
Trails ID

Station Name: Merced NWR

Org Code: 81652

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Meadowlark Trail	Admin Road	N/A	1.30	From Tour Route Loop Road (Rte 010) to End of Trail Loop
T301	Kestrel Loop Trail	Admin Road	N/A	0.47	From Tour Route Loop Road (Rte 010) to End of Trail Loop
T302	Bittern Marsh Trail	Gravel	10046623	0.31	From Meadowlark Trailhead Parking (Rte 901) to End of Trail Loop
T302	Bittern Marsh Trail	Mowed	10046623	0.37	From Meadowlark Trailhead Parking (Rte 901) to End of Trail Loop

TRAIL CONDITION



Trail Name: Meadowlark Trail
Trail Number: T300

Refuge Name: Merced NWR
Region: 8

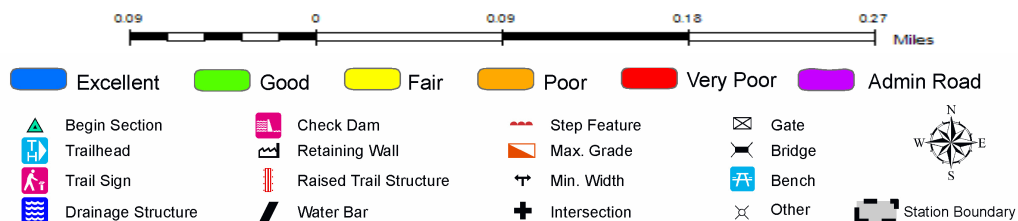
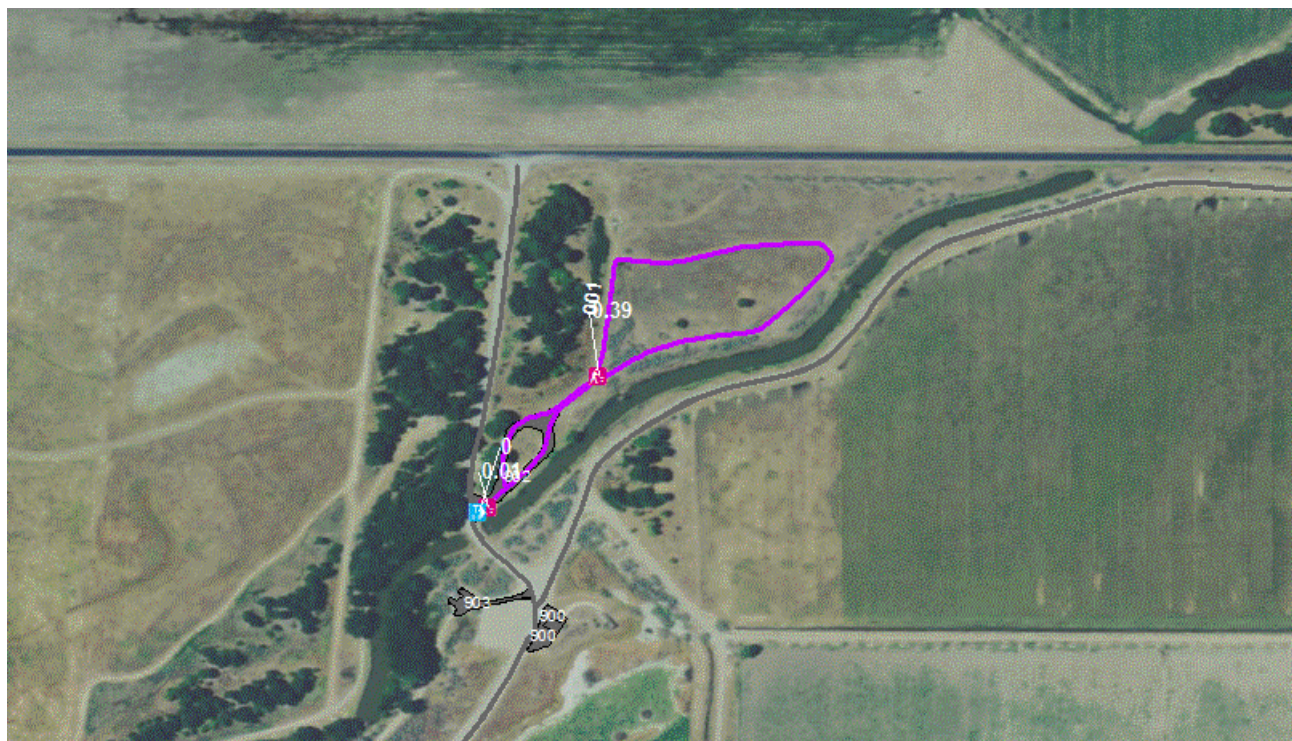
Total Length: 1.30 Miles

Section Number	001	002
Section Length (miles)	1.08	0.22
SAMMS Number	N/A	N/A
Rating Date	07/12/2007	09/27/2011
Trail Section Information		
Trail Class	TC3	TC3
Surface Type	Admin Road	Admin Road
Surface Firmness	Firm	Firm
Width (inches)	120	120
Average Grade (%)	1.4	1.4
Average X-slope (%)	1.70	1.70
Trail Condition Information		
Deferred Maintenance		
CRV		
FCI		
Condition		

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition

TRAIL CONDITION



Trail Name: Kestrel Loop Trail
Trail Number: T301

Refuge Name: Merced NWR
Region: 8

Total Length: 0.47 Miles

Section Number	001
Section Length (miles)	0.47
SAMMS Number	N/A
Rating Date	07/12/2007
Trail Section Information	
Trail Class	TC3
Surface Type	Admin Road
Surface Firmness	Firm
Width (inches)	120
Average Grade (%)	1.3
Average X-slope (%)	2.00
Trail Condition Information	
Deferred Maintenance	
CRV	
FCI	
Condition	

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition

TRAIL CONDITION



Trail Name: Bittern Marsh Trail
Trail Number: T302

Refuge Name: Merced NWR
Region: 8

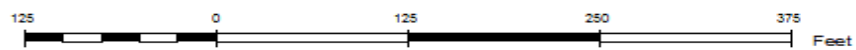
Total Length: 0.68 Miles

Section Number	001	002	003
Section Length (miles)	0.37	0.08	0.23
SAMMS Number	10046623	10046623	10046623
Rating Date	07/12/2007	09/27/2011	09/27/2011
Trail Section Information			
Trail Class	TC3	TC3	TC3
Surface Type	Mowed	Gravel	Gravel
Surface Firmness	Firm	Firm	Firm
Width (inches)	96	96	96
Average Grade (%)	1.0	1.0	1.0
Average X-slope (%)	1.80	1.80	1.80
Trail Condition Information			
Deferred Maintenance	\$160		
CRV	\$20,733	\$19,560	\$56,238
FCI	0.00	0.00	0.00
Condition	Excellent	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$160	\$96,532	0.00	Excellent

TRAIL DEFICIENCY



Trail Name: Bittern Marsh Trail

Refuge Name: Merced NWR

Trail Number: T302

Region: 8

Total Length: 0.68 Miles

Mile Post	0.16
Section Number	001
Photo Number	MERC_C2_0006
Deficiency	Drainage
Action	Build/Add
Item	Tread -sf
Quantity	80
Deferred Maintenance	\$160

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1197 - MP 0.00 - Sign

TRAIL NUMBER: T300
STATION: Merced NWR
DATE: 07/12/2007



Photo # MERC_C2_0001 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1190 - MP 0.11 - Sign

TRAIL NUMBER: T300
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1194 - MP 0.27 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1195 - MP 0.56 - Sign

TRAIL NUMBER: T300
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1196 - MP 0.70 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1191 - MP 0.84 - Sign

TRAIL NUMBER: T300
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1190 - MP 0.90 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1192 - MP 0.85 - Begin Section

TRAIL NUMBER: T300
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1193 - MP 0.87 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Merced NWR
DATE: 07/12/2007



Photo # MERC_C2_0002 - MP 0.00 - Trailhead

TRAIL NUMBER: T301
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1198 - MP 0.01 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1199 - MP 0.39 - Sign

TRAIL NUMBER: T302
STATION: Merced NWR
DATE: 07/12/2007



Photo # MERC_C2_0003 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T302
STATION: Merced NWR
DATE: 07/12/2007



Photo # MERC_C2_0004 - MP 0.00 - Sign

TRAIL NUMBER: T302
STATION: Merced NWR
DATE: 07/12/2007



Photo # MERC_C2_0005 - MP 0.15 - Bridge -sf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T302
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1201 - MP 0.17 - Sign

TRAIL NUMBER: T302
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1200 - MP 0.32 - Culvert -lf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T302
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1202 - MP 0.17 - Begin Section

TRAIL NUMBER: T302
STATION: Merced NWR
DATE: 09/27/2011



Photo # MERC_C2_1203 - MP 0.22 - Begin Section

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.