

The Trail Inventory of Kofa NWR Yuma, AZ



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Federal Highway Administration
Central Federal Lands Highway Division
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Kofa NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Total
	Miles	%	Miles
Native	0.43	100%	0.43
Total	0.43	100%	0.43

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Total
	Miles	%	Miles
TC3	0.43	100%	0.43
Total	0.43	100%	0.43

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

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T301	Trailhead	1	No	0.00	KOFA_C2_0050
T301	Sign	1	No	0.00	KOFA_C2_0050
T301	Sign	1	No	0.01	
T301	Step: Rock -each	3	No	0.01	KOFA_C2_0061
T301	Other	1	No	0.02	KOFA_C2_0052
T301	Turnpike -lf	8	No	0.08	KOFA_C2_0053
T301	Turnpike -lf	4	No	0.12	KOFA_C2_0054
T301	Max Grade- %	1	No	0.22	
T301	Turnpike -lf	10	No	0.26	KOFA_C2_0056
T301	Turnpike -lf	6	No	0.32	KOFA_C2_0058
T301	Turnpike -lf	7	No	0.41	KOFA_C2_0060
T301	Step: Rock -each	2	No	0.42	KOFA_C2_0061
T301	Sign	1	No	0.43	KOFA_C2_0062

sf - square feet

lf - linear feet

cf - cubic feet

Kofa NWR

Trail Location Map



Station Boundary



HQ/VC

0 0.09 0.18 Miles

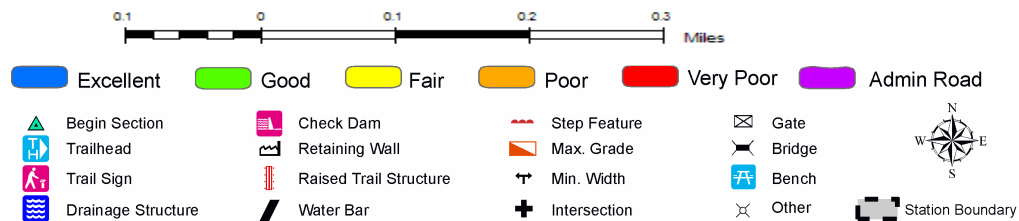
Trails ID

Station Name: Kofa NWR

Org Code: 22570

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T301	Palm Canyon Trail	Native	10059173	0.43	From Trailhead (from end of Route 101) to End of Trail/ Observation Point

TRAIL CONDITION



Trail Name: Palm Canyon Trail
Trail Number: T301

Refuge Name: Kofa NWR
Region: 2

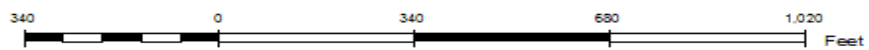
Total Length: 0.43 Miles

Section Number	001
Section Length (miles)	0.43
SAMMS Number	10059173
Rating Date	02/22/2011
Trail Section Information	
Trail Class	TC3
Surface Type	Native
Surface Firmness	Firm
Width (inches)	70
Average Grade (%)	11.0
Average X-slope (%)	3.84
Trail Condition Information	
Deferred Maintenance	\$639
CRV	\$46,677
FCI	0.01
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$639	\$46,677	0.01	Good

TRAIL DEFICIENCY



Trail Name: Palm Canyon Trail

Refuge Name: Kofa NWR

Trail Number: T301

Region: 2

Total Length: 0.43 Miles

Mile Post	0.14	0.31	0.40
Section Number	001	001	001
Photo Number	KOFA_C2_0055	KOFA_C2_0057	KOFA_C2_0059
Deficiency	Erosion	Erosion	Erosion
Action	Build/Add	Build/Add	Build/Add
Item	Check Dam:Rock -each	Check Dam:Rock -each	Check Dam:Rock -each
Quantity	1	1	1
Deferred Maintenance	\$213	\$213	\$213

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Kofa NWR

DATE: 02/22/2011



Photo # KOFA_C2_0050 - MP 0.00 - Trailhead

TRAIL NUMBER: T301

STATION: Kofa NWR

DATE: 02/22/2011



Photo # KOFA_C2_0050 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Kofa NWR

DATE: 02/22/2011



Photo # KOFA_C2_0061 - MP 0.01 - Step: Rock -each

TRAIL NUMBER: T301

STATION: Kofa NWR

DATE: 02/22/2011



Photo # KOFA_C2_0052 - MP 0.02 - Other

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Kofa NWR

DATE: 02/22/2011



Photo # KOFA_C2_0053 - MP 0.08 - Turnpike -lf

TRAIL NUMBER: T301

STATION: Kofa NWR

DATE: 02/22/2011



Photo # KOFA_C2_0054 - MP 0.12 - Turnpike -lf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Kofa NWR

DATE: 02/22/2011



Photo # KOFA_C2_0056 - MP 0.26 - Turnpike -lf

TRAIL NUMBER: T301

STATION: Kofa NWR

DATE: 02/22/2011



Photo # KOFA_C2_0058 - MP 0.32 - Turnpike -lf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Kofa NWR

DATE: 02/22/2011



Photo # KOFA_C2_0060 - MP 0.41 - Turnpike -lf

TRAIL NUMBER: T301

STATION: Kofa NWR

DATE: 02/22/2011



Photo # KOFA_C2_0061 - MP 0.42 - Step: Rock -each

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Kofa NWR

DATE: 02/22/2011



Photo # KOFA_C2_0062 - MP 0.43 - 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.