

The Trail Inventory of Egmont Key NWR



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Federal Highway Administration
Central Federal Lands Highway Division
July, 2013



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NOTE TO USERS OR READERS

In this report, the reader may find a mix of dates associated with the condition assessment and photographs. Chapter 4 shows an updated condition assessment for each trail documented in this report. However there may be dates on the condition assessment pages that range from 2006 and 2007 to 2012. This occurred because the GPS dates of the trails originally rated in Cycle 1 were not updated when the cycle 3 assessment was done to in

2012. That GPS date is the basis for the Rating date in the report. Any new trail or section of trail that was collected and rated in Cycle 3 will have a rating date of 2012. While the rating dates may show a pre 2012 date, each trail was walked and its condition was assessed in 2012 during the Cycle 3 field season.

In Chapter 6 the reader may notice photographs with dates ranging from 2006 and 2007 to 2012. This occurs because the existing photographs from Cycle 1 were used if no significant or noticeable changes were seen in that location at the time of the Cycle 3 site visit.

The reader may also notice some of the feature photographs are used more than once. The practice of the same photograph being used for more than one feature was allowed during this cycle's data collection.

Egmont Key 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	1.05	100%	0.00	0%	1.05
Concrete	0.36	75%	0.12	25%	0.48
Others	0.45	100%	0.00	0%	0.45
Total	1.86	94%	0.12	6%	1.98

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Fair		Total
	Miles	%	Miles	%	Miles
TC2	0.21	100%	0.00	0%	0.21
TC3	0.43	100%	0.00	0%	0.43
TC4	1.22	91%	0.12	9%	1.34
Total	1.86	94%	0.12	6%	1.98

*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	Trailhead	1	No	0.00	EGKE_C3_008 2
T300	Intersection	1	No	0.00	EGKE_C3_008 1
T300	Intersection	1	No	0.10	EGKE_C3_008 4
T300	Sign	1	No	0.10	EGKE_C3_008 6
T300	Sign	2	No	0.11	EGKE_C3_008 5
T300	Max Grade- %	7	No	0.19	
T300	Sign	3	No	0.88	EGKE_C3_008 3
T301	Trailhead	1	No	0.00	EGKE_C3_008 7
T301	Sign	2	No	0.00	EGKE_C3_008 8
T301	Max Grade- %	6	No	0.22	
T301	Sign	1	No	0.23	EGKE_C3_009 0
T301	Sign	2	No	0.23	EGKE_C3_009 1
T301	Sign	1	No	0.23	EGKE_C3_009 2
T400	Trailhead	1	No	0.00	EGKE_C3_004 9
T400	Sign	8	Yes	0.11	EGKE_C3_005 1
T400	Begin Section	1	No	0.12	EGKE_C3_005 0
T400	Begin Section	1	No	0.23	
T400	Begin Section	1	No	0.32	
T400	Begin Section	1	No	0.41	
T400	Sign	1	No	0.47	EGKE_C3_005 6
T400	Begin Section	1	No	0.68	EGKE_C3_006 4
T400	Sign	1	No	0.71	EGKE_C3_006 5
T400	Sign	1	No	0.88	EGKE_C3_006 6
T400	Sign	1	No	0.89	EGKE_C3_006 7
T401	Trailhead	1	No	0.00	EGKE_C3_009 5

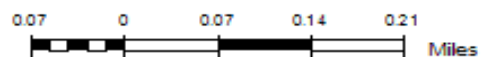
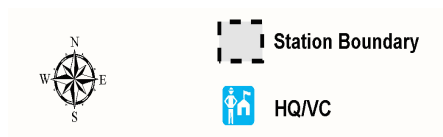
T401	Intersection	1	No	0.00	EGKE_C3_009 3
T401	Sign	1	No	0.00	EGKE_C3_009 4
T401	Max Grade- %	5	No	0.29	

sf - square feet

lf - linear feet

cf - cubic feet

Egmont Key NWR Trail Location Map



Trails ID

Station Name: Egmont Key NWR

Org Code: 41562

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Gulf Trail	Native	10014656	0.20	From T400 to Beach
T301	Pilot Trail	Native	10014656	0.23	From T300 to Beach
T400	Historic Military Trail	Concrete	10014656	0.48	From Lighthouse to End of Trail
T400	Historic Military Trail	Native	10014656	0.21	From Lighthouse to End of Trail
T400	Historic Military Trail	Paver Block	10014656	0.45	From Lighthouse to End of Trail
T401	Old Well Trail	Native	10014656	0.41	From T400 to Beach

CHANGES TO THE FISH AND WILDLIFE SERVICE TRAIL INVENTORY REPORT

Egmont Key NWR

Trails added to previous inventory:

Trail #	Trail Name	Reason for Addition
T300	Gulf Trail	new trail
T301	Pilot Trail	new trail
T401	Old Well Trail	new trail

Trails removed from previous inventory:

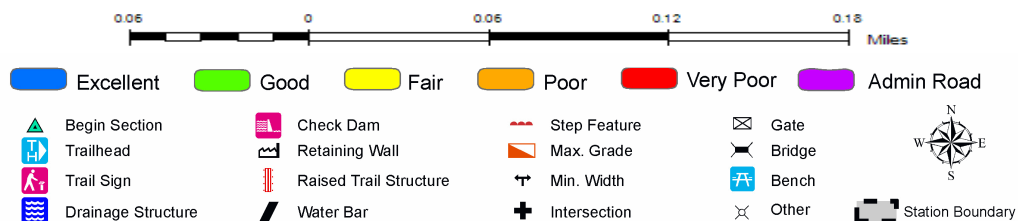
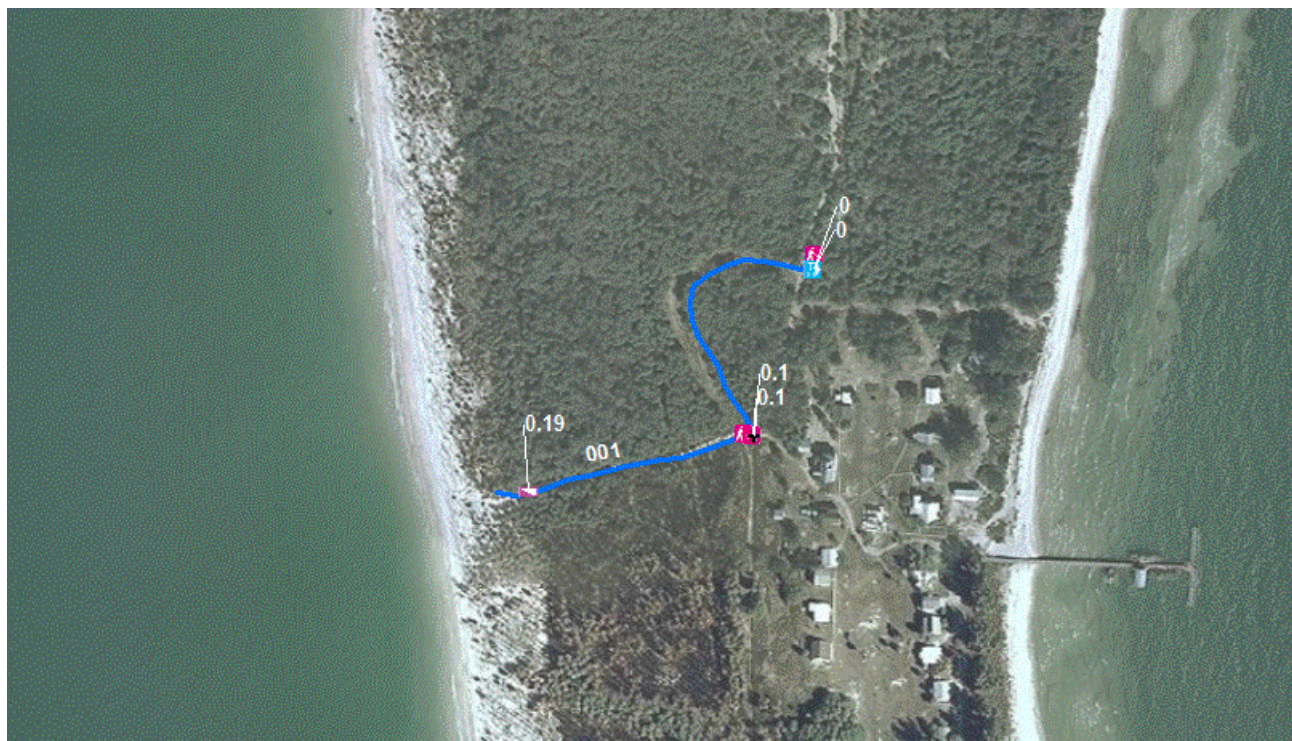
Trail #	Trail Name	Reason for Removal
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Trails modified from previous inventory:

Trail #	Trail Name	Type of Modification	Description of Modification
T400	Historic Military Trail	trail length changed	from 1.13 to 1.14
T400	Historic Military Trail	Name change	from Historical Military Trail

Comments:

TRAIL CONDITION



Trail Name: Gulf Trail

Refuge Name: Egmont Key NWR

Trail Number: T300

Region: 4

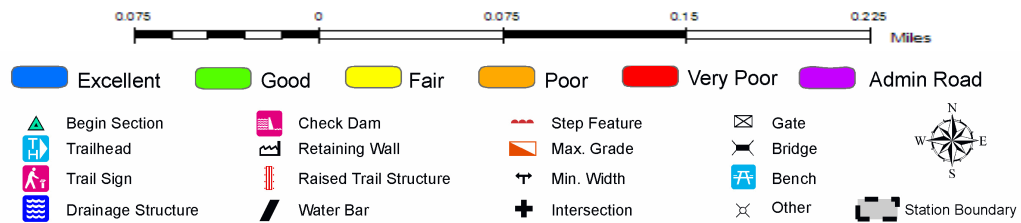
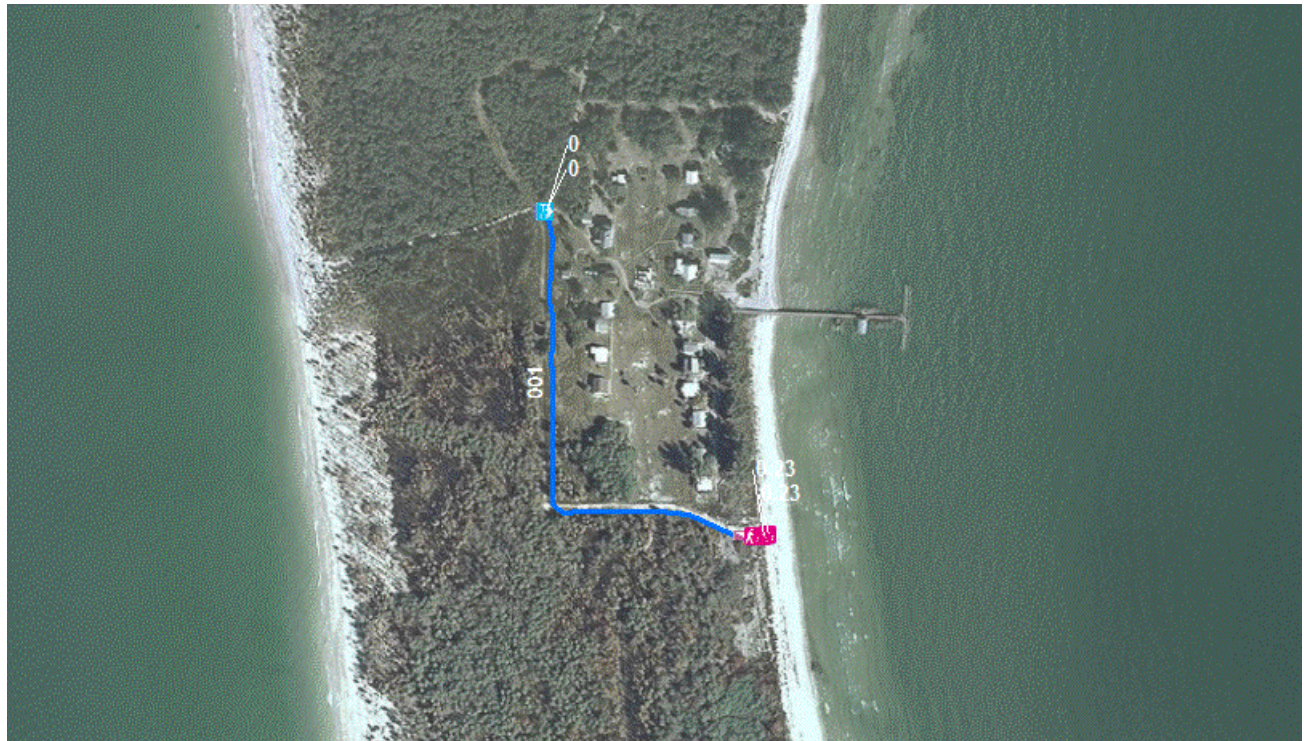
Total Length: 0.20 Miles

Section Number	001
Section Length (miles)	0.20
SAMMS Number	10014656
Rating Date	06/21/2012
Trail Section Information	
Trail Class	TC3
Surface Type	Native
Surface Firmness	Firm
Width (inches)	50
Average Grade (%)	2.9
Average X-slope (%)	2.40
Trail Condition Information	
Deferred Maintenance	
CRV	\$15,333
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$15,333	0.00	Excellent

TRAIL CONDITION



Trail Name: Pilot Trail
Trail Number: T301

Refuge Name: Egmont Key NWR
Region: 4

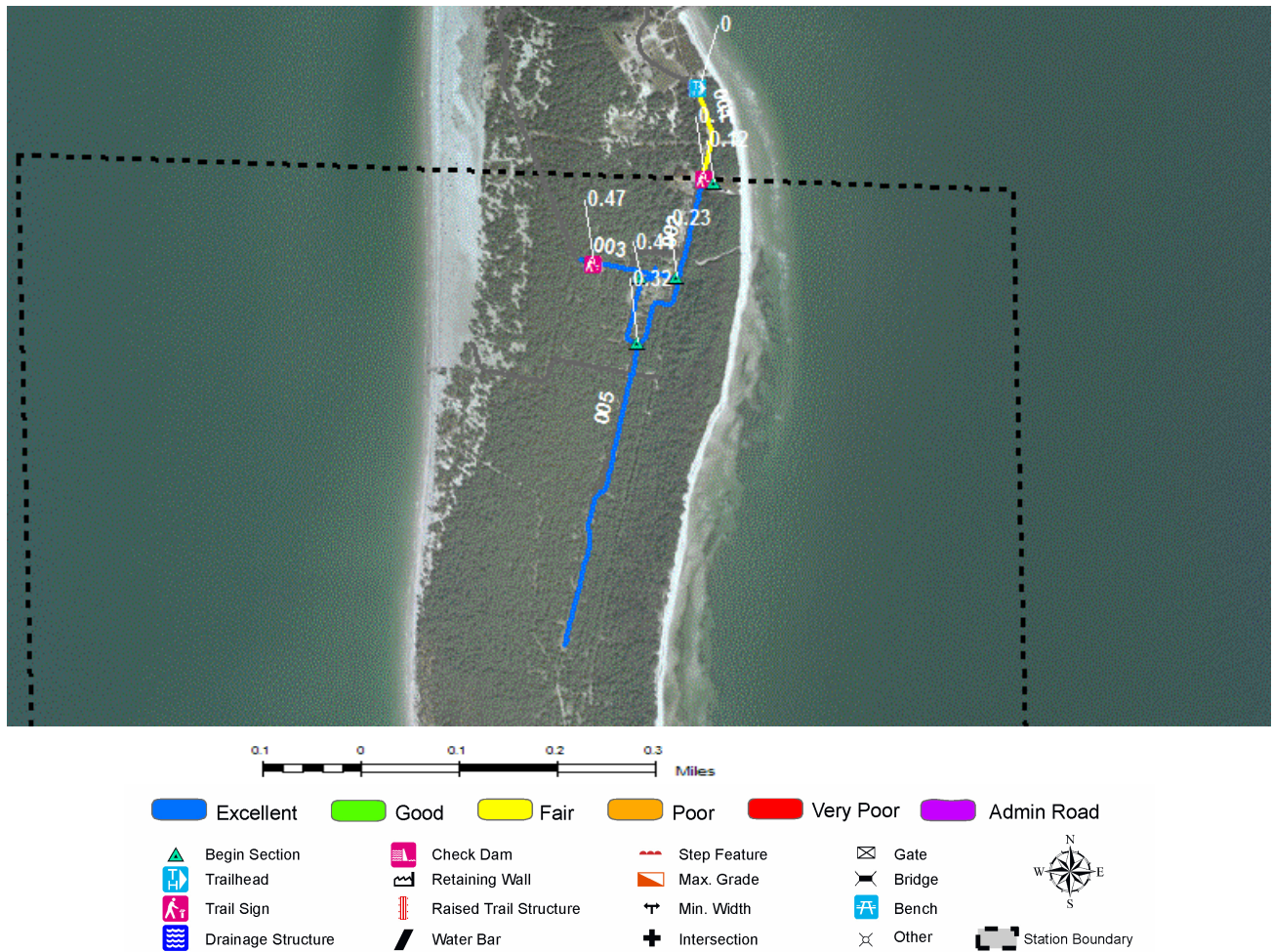
Total Length: 0.23 Miles

Section Number	001
Section Length (miles)	0.23
SAMMS Number	10014656
Rating Date	06/21/2012
Trail Section Information	
Trail Class	TC3
Surface Type	Native
Surface Firmness	Firm
Width (inches)	52
Average Grade (%)	3.3
Average X-slope (%)	3.10
Trail Condition Information	
Deferred Maintenance	
CRV	\$18,337
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$18,337	0.00	Excellent

TRAIL CONDITION



Trail Name: Historic Military Trail
Trail Number: T400

Refuge Name: Egmont Key NWR
Region: 4

Total Length: 1.14 Miles

Section Number	001	002	003	004	005
Section Length (miles)	0.12	0.16	0.26	0.03	0.36
SAMMS Number	10014656	10014656	10014656	10014656	10014656
Rating Date	03/16/2006	03/16/2006	03/16/2006	03/16/2006	03/16/2006
Trail Section Information					
Trail Class	TC4	TC4	TC4	TC4	TC4
Surface Type	Concrete	Paver Block	Paver Block	Paver Block	Concrete
Surface Firmness	Paved	Paved	Paved	Paved	Paved
Width (inches)	118	160	160	160	160
Average Grade (%)	0.6	0.6	0.6	0.6	0.6
Average X-slope (%)	1.20	1.20	1.20	1.20	1.20
Trail Condition Information					
Deferred Maintenance	\$3,303				
CRV	\$33,991	\$121,129	\$196,834	\$22,712	\$138,277
FCI	0.10	0.00	0.00	0.00	0.00
Condition	Fair	Excellent	Excellent	Excellent	Excellent

TRAIL CONDITION



Trail Name: Historic Military Trail
Trail Number: T400

Refuge Name: Egmont Key NWR
Region: 4

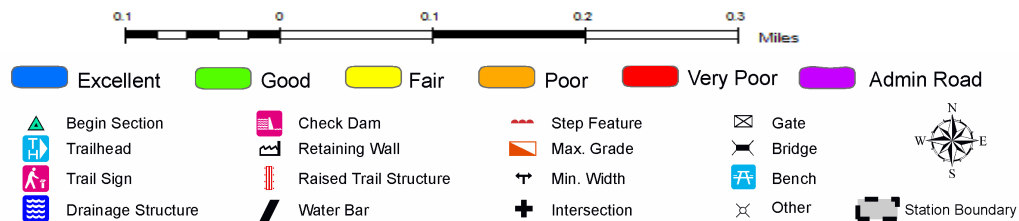
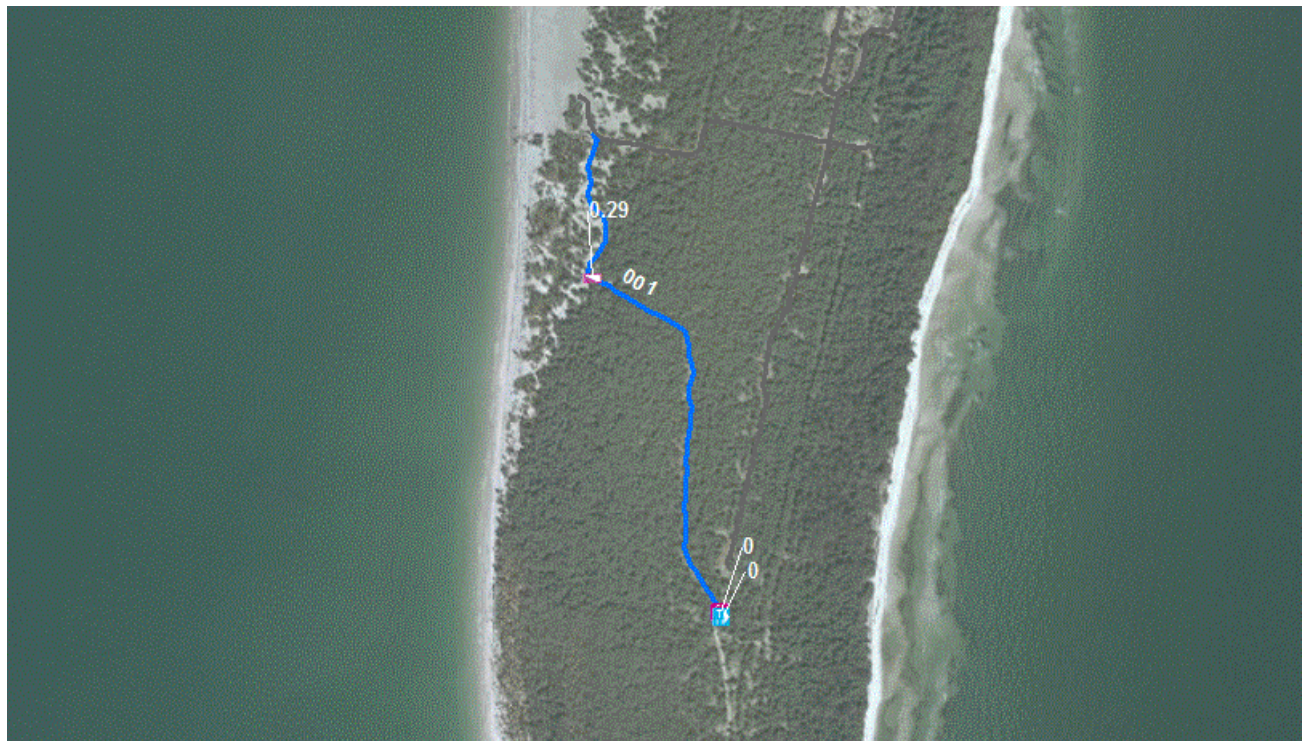
Total Length: 1.14 Miles

Section Number	006
Section Length (miles)	0.21
SAMMS Number	10014656
Rating Date	03/16/2006
Trail Section Information	
Trail Class	TC2
Surface Type	Native
Surface Firmness	Firm
Width (inches)	108
Average Grade (%)	0.6
Average X-slope (%)	1.20
Trail Condition Information	
Deferred Maintenance	
CRV	\$34,775
FCI	0.00
Condition	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$3,303	\$547,717	0.01	Excellent

TRAIL CONDITION



Trail Name: Old Well Trail
Trail Number: T401

Refuge Name: Egmont Key NWR
Region: 4

Total Length: 0.41 Miles

Section Number	001
Section Length (miles)	0.41
SAMMS Number	10014656
Rating Date	06/21/2012
Trail Section Information	
Trail Class	TC4
Surface Type	Native
Surface Firmness	Firm
Width (inches)	60
Average Grade (%)	1.8
Average X-slope (%)	1.50
Trail Condition Information	
Deferred Maintenance	
CRV	\$37,719
FCI	0.00
Condition	Excellent

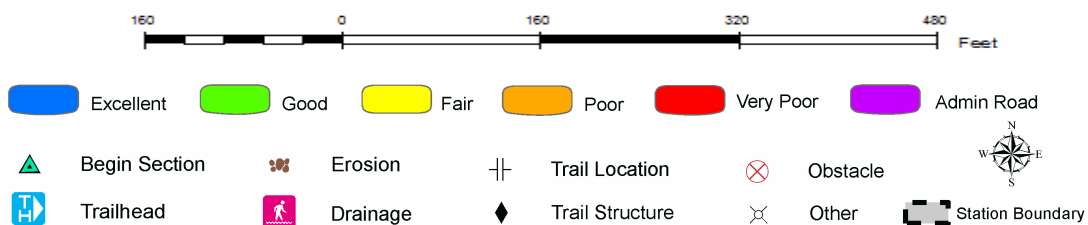
Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
	\$37,719	0.00	Excellent

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TRAIL DEFICIENCY



Trail Name: Pilot Trail

Trail Number: T301

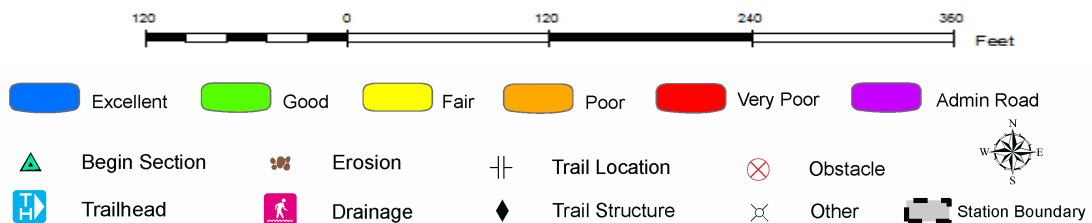
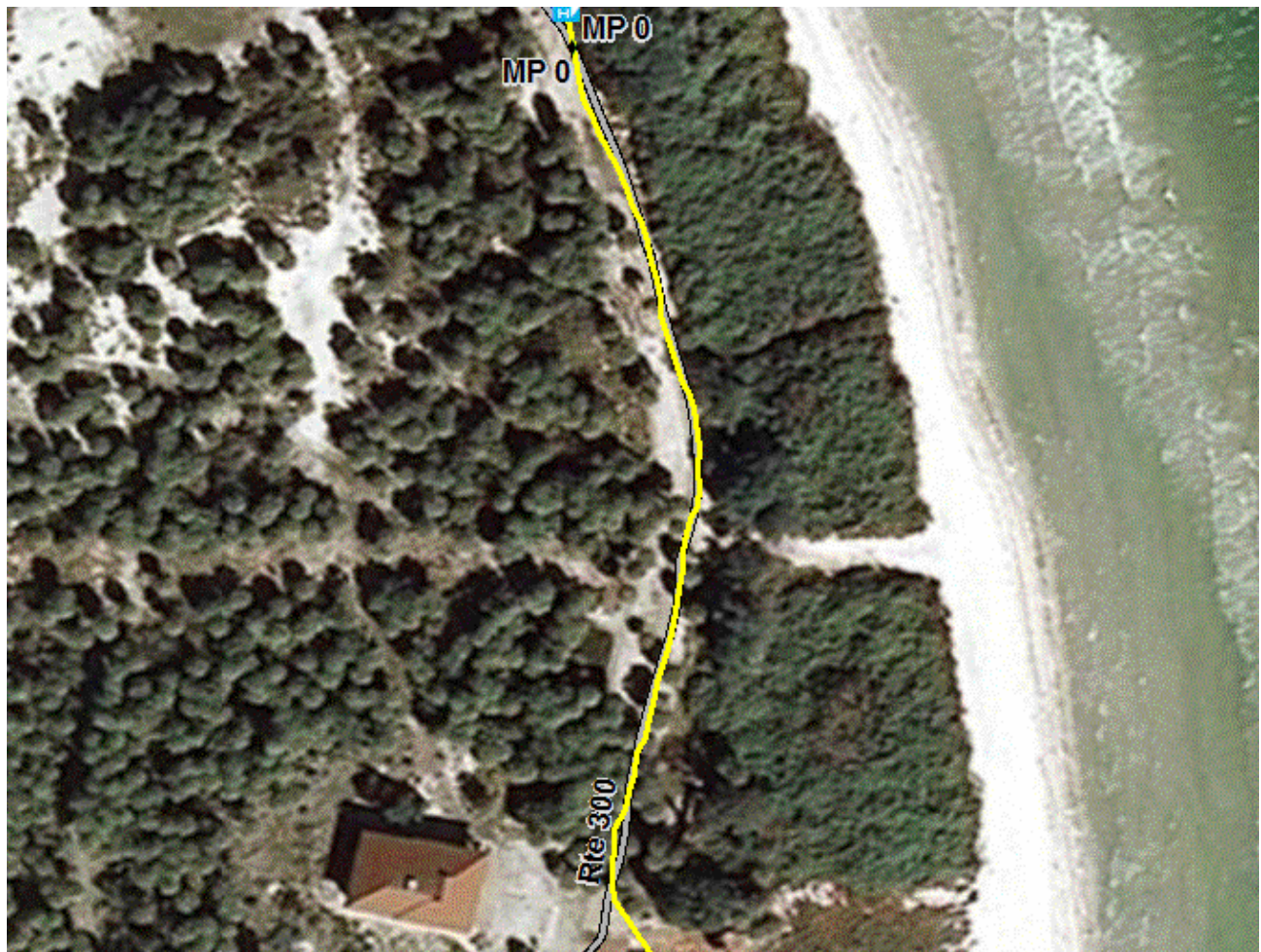
Refuge Name: Egmont Key NWR

Region: 4

Total Length: 0.23 Miles

Mile Post	0.01
Section Number	001
Photo Number	EGKE_C3_0089
Deficiency	Drainage
Action	Build/AddTread -sf
Item	Tread -sf
Quantity	52
Deferred Maintenance	

TRAIL DEFICIENCY



Trail Name: Historic Military Trail

Refuge Name: Egmont Key NWR

Trail Number: T400

Region: 4

Total Length: 1.14 Miles

Mile Post	0.00
Section Number	001
Photo Number	EGKE_C3_0049
Deficiency	Trail Structure
Action	Repair
Item	Tread -sf
Quantity	1,198
Deferred Maintenance	\$3,303

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0082 - MP 0.00 - Trailhead

TRAIL NUMBER: T300
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0081 - MP 0.00 - Intersection

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0084 - MP 0.10 - Intersection

TRAIL NUMBER: T300
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0086 - MP 0.10 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0085 - MP 0.11 - Sign

TRAIL NUMBER: T300
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0083 - MP 0.88 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0087 - MP 0.00 - Trailhead

TRAIL NUMBER: T301
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0088 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0090 - MP 0.23 - Sign

TRAIL NUMBER: T301
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0091 - MP 0.23 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0092 - MP 0.23 - Sign

TRAIL NUMBER: T400
STATION: Egmont Key NWR
DATE: 03/16/2006



Photo # EGKE_C3_0049 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400

STATION: Egmont Key NWR

DATE: 03/16/2006



Photo # EGKE_C3_0051 - MP 0.11 - Sign

TRAIL NUMBER: T400

STATION: Egmont Key NWR

DATE: 03/16/2006



Photo # EGKE_C3_0050 - MP 0.12 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400

STATION: Egmont Key NWR

DATE: 03/16/2006



Photo # EGKE_C3_0056 - MP 0.47 - Sign

TRAIL NUMBER: T400

STATION: Egmont Key NWR

DATE: 03/16/2006



Photo # EGKE_C3_0064 - MP 0.68 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Egmont Key NWR
DATE: 03/16/2006



Photo # EGKE_C3_0065 - MP 0.71 - Sign

TRAIL NUMBER: T400
STATION: Egmont Key NWR
DATE: 03/16/2006



Photo # EGKE_C3_0066 - MP 0.88 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T400
STATION: Egmont Key NWR
DATE: 03/16/2006



Photo # EGKE_C3_0067 - MP 0.89 - Sign

TRAIL NUMBER: T401
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0093 - MP 0.00 - Intersection

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T401
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0095 - MP 0.00 - Trailhead

TRAIL NUMBER: T401
STATION: Egmont Key NWR
DATE: 06/21/2012



Photo # EGKE_C3_0094 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

A NOTE TO USERS OR READERS

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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.