



U.S. Department
of Transportation

Federal Highway
Administration

Eastern Federal Lands
Highway Division

Final Construction Report

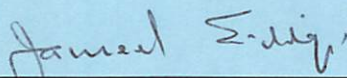
Project No.: RRP-SOP 10(1) - ARRA

Location: Sandy Point National Wildlife Refuge in St. Croix, Virgin Islands

Description: The project consisted of rehabilitation of Tranberg Road (Routes 10 and 100) and 5 parking areas including aggregate resurfacing, drainage, signage improvements, and other miscellaneous work.

Submitted by Miguel Rodriguez
Project Engineer

Recommended by:

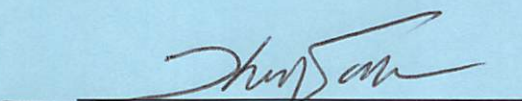


Jameel A. Siddiqi
Construction Operations Engineer

9/22/14

Date

Approved by:



Thomas J. Scott, Jr.
Construction Engineer

9/23/14

Date

**FINAL CONSTRUCTION REPORT
PROJECT RRP-SOP 10(1) - ARRA**

Sandy Point National Wildlife

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FINAL CONSTRUCTION REPORT

PROJECT RRP-SOP 10(1) - ARRA SANDY POINT NATIONAL WILDLIFE REFUGE

I. PROJECT DESCRIPTION

A. Project Number - Project RRP-SOP 10(1) - ARRA was located in the Sandy Point National Wildlife Refuge in St. Croix, Virgin Islands.

B. Description of Work – This project consisted of rehabilitation of Tranberg Road (Routes 10 and 100) and 5 parking areas including aggregate resurfacing, drainage, signage improvements, and other miscellaneous work. This project was partially funded through the American Recovery and Reinvestment Act of 2009 (ARRA).

C. Permits –

National Environmental Policy Act (NEPA) Compliance: In accordance with Compliance 23 CFR Chapter 1 771.117(d) (1&3), an Environmental Assessment (EA) was done and a Finding of No Significant Impact (FONSI) was prepared and signed by the Federal Highway Administration (FHWA) on October 5, 2009.

State Historic Preservation Office (SHPO) – 106 Concurrence: By letter dated June 23, 2009, the Virgin Islands SHPO determined that there were no known cultural resources within the proposed project area protected in accordance to Section 106 of the National Historic Preservation Act.

Fish and Wildlife Service (FWS) – Section 7 Concurrence: By letter dated August 27, 2008, the U.S. Fish and Wildlife Service concurred that there were no known adverse effects anticipated on resources protected by the Endangered Species Act of 1973.

National Pollutant Discharge Elimination System (NPDES) Permit – By letter dated September 24, 2007, the United States Virgin Islands Department of Planning and Natural Resources (VIDPNR) issued Permit VIDSA0000, in accordance with the provisions of the Clean Water Act, 33 USC § 1251 et. seq.

Building Permit – By permit dated February 5, 2010, the United States Virgin Islands Department of Planning and Natural Resources (VIDPNR) issued the Permit No. STX 138-10, in accordance with IBC 2009 & V.I. Code Compliance.

Coastal Zone Management (CZM) Permit – By letter dated August 17, 2009, the United States Virgin Islands Department of Planning and Natural Resources (VIDPNR) issued the CZM Land Permit No. CZX-32-09FC, in accordance to V.I.R & Regulations Tit 12, Chapter 21, Subchapter 904 and 902.

II. PROJECT DATA

A. Specifications – Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-03 (US Customary units).

B. Termini –

Tranberg Road: Station 0+8.79 to 115+47.50

C. Length –

Tranberg Road: 11,538.71 Feet (2.19 Miles)

D. Width –

Tranberg Road: Two 6-foot lanes

E. Pavement Structure –

Tranberg Road: 8-inch aggregate surface course grade C or D

F. Structures –

None

G. Contract Number and Date – DTFH71-10-C-00026 – June 28, 2010

H. Contracting Officers –

Melisa L. Ridenour	Division Engineer
Laurin R. Lineman	Director, Project Delivery
Wanda A. Peffer	Contracting Officer
Thomas J. Scott, Jr.	Construction Engineer
Jameel A. Siddiqi	Construction Operation Engineer

I. Contract Bid Amount – \$1,966,200.00

J. Engineers Estimate – \$1,500,000.00

K. Final Contract Amount – \$1,921,057.70

L. Contract Time –

Award Date:	June 28, 2010
Notice to Proceed:	August 13, 2010
Original Completion date:	March 17, 2011
Extension Granted:	203 Days
Revised Completion Date:	October 06, 2011
Date Substantially Complete:	October 06, 2011
Date All Work Complete:	October 06, 2011
Liquidated Damages:	None

M. Contractor –

Island Road Corporation	Small Business Concern (SBC)
6501 Red Hook Plaza, Suite 201	Disadvantaged Business Enterprise (DBE)
St. Thomas, VI 00801	

N. Subcontractors –

Perry Romney	SBC, DBE
P.O. Box 3296	
St. Croix, VI 00851	
<i>Clearing & Grubbing</i>	\$15,200.00
Survey Services Company, LLC	SBC
27-28 King Cross Street	
Christiansted, VI 00820	
<i>Surveying</i>	\$11,000.00

O. Construction Engineering Costs –

EFLHD PE Costs:	\$400,969.59
<u>EFLHD CE Costs:</u>	<u>\$195,444.83</u>
Total Costs:	\$596,414.42

Percent of the Final Contract Amount: 31.05%

P. Maintaining Agency -

U.S. Fish & Wildlife Service

III. CONSTRUCTION

A. Materials –

Item No. 30110-0000: Aggregate Base, Surface Course

Supplier: Aggregate, Inc.
9010 Cottage
Christiansted St. Croix, VI 00820-5662

Material: Crushed Aggregate – St. Croix Quarry, USVI

Approved Job Mix Design:

Sieves	Target Value (Percent Passing)	Allowable Deviation (Percent)	Specification (Percent Passing)
1-inch	100	-	100
3/4-inch	99	±1	99-100
1/2-inch	86	±6	80-86
3/8-inch	76	±4	72-80
No. 4	56	±4	52-60
No. 40	22	±4	18-26
No. 200	12.1	±2.0	10.1-14.1

Maximum Dry Density: 143.4 pounds per cubic foot (pcf)
Optimum Moisture Content: 6.3 percent
Liquid Limit: ND
Plasticity Index: Non-plastic
California Bearing Ratio: 24.4 percent

B. Experimental or New Features –

None

C. Changes and Problems –

1. Changes

Contract Modification (CM) No. 0001: was issued to obligate additional American Recovery and Reinvestment Act (ARRA) into the contract. Details of the additional work were to be finalized upon definitization of CM No. 0001.

Net contract increase = \$93,443.63 No change in contract time.

CM No. 0002: was issued to reduce the non-ARRA funds.

Net contract decrease = \$93,443.63 No change in contract time.

CM No. 0003: was issued for additional work at the request of the U.S. Fish and Wildlife Service for installation of additional guardrails for enhanced safety and installation of additional riprap to protect the embankment slope against the sea surge during the hurricane season. The CM also increased the quantity of existing pay items due to poor conditions found at the Route 904 parking area, requiring additional excavation and removal of the unsuitable subgrade material. Additionally, the CM extended the contract time by 75 calendar days due to additional work and delays due to inclement weather. This CM resulted in an increase of non-ARRA funding.

Net contract increase = \$47,535.00 New completion date: May 31, 2011

CM No. 0004: was issued to adjust the existing pay items that varied from the Original Engineer's Estimate due to unforeseen and existing field conditions. This CM also extended the contract time by 128 calendar days due to weather related delays. This CM resulted in a decrease of non-ARRA funds.

Net contract decrease = \$92,677.30 New completion date: October 6, 2011

Significant Overruns and Underruns

25101-2000 Placed Rip Rap, Class 2 - The original quantity was 393 cubic yards, and the quantity required to complete the contract was 477.89 cubic yards, an overrun of 84.89 cubic yards or 21.60 percent. It was necessary to place additional rip rap on the Refuge's main parking lot to comply with the punch list items requested by the Refuge Manager.

30110-0000 Aggregate Surface Course - The original quantity was 9,000 tons, and the quantity required to complete the contract was 9295.82 tons, an overrun of 295.82 tons or 3.29 percent. The original quantity was underestimated.

61702-0400 Terminal Section G4-CRT - The original quantity was 4 each, and the quantity required to complete the contract was 8 each, an overrun of 4 each or 100.00 percent. Contract Modification (CM) No. 003 added additional guardrails as per the Refuge's request. In order to finish the installation and guarantee the safety of the drivers, 4 additional terminal sections will be installed.

15705-0100 Soil Erosion Control, Silt Fence - The original quantity was 4,100 linear feet, and the quantity required to complete the contract was 850 linear feet, an underrun of 3,250 linear feet or 79.27 percent. Because of the existing conditions on the Refuge, we needed less material than originally estimated.

15706-1600 Soil Erosion Control, Stabilized Construction Entrance - The original quantity of 1 each was not needed, and therefore underran by 100.00 percent. The existing Refuge entrance was used for the entrance erosion control measures, making it unnecessary to build a new one.

20420-0000 Subexcavation - The original quantity was 863.00 cubic yards, and the quantity required to complete the contract was 460.18 cubic yards. This item was originally overestimated and underran by 402.82 cubic yards or 46.68 percent.

30502-0700 Aggregate, Top Soil Course, 4-Inch Depth - The original quantity of 1,200 square yards was not needed, therefor underran by 100.00 percent. During the project execution, the Refuge Manager requested the elimination of all planting items, making the use of top soil unnecessary on the project.

62501-0000 Turf Establishment - The original quantity of 3.3 acres was not needed, therefor underran by 100.00 percent. The Refuge Manager requested the elimination of this item to avoid disturbing the indigenous plants and trees.

62630-0400 Plantings - The original quantity of 100 each was not needed, therefor underrun of 100.00 percent. The Refuge Manager requested the elimination of this item to avoid disturbing the indigenous plants and trees.

2. Problems

None

D. Recommendations –

None

E. Claims –

None

IV. CONSTRUCTION ENGINEERING

A. Project Personnel –

Miguel Rodriguez, Project Engineer/ COTR

B. Contract Inspection –

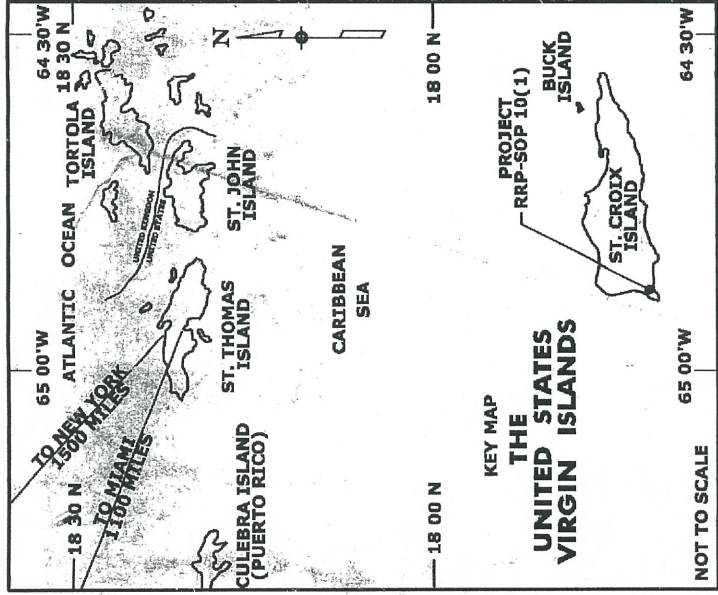
None

C. Other Contacts –

Ricardo Antonetti, Facilities Operations Specialist, USFWS
Michael Evans, Sandy Point Refuge Manager, USFWS

D. Partnering –

Informal partnering was successfully implemented on this project and a good relationship was maintained between all stakeholders.



U.S. DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
SANDY POINT
NATIONAL WILDLIFE REFUGE

PLANS FOR PROPOSED
PROJECT RRP-SOP 10(1)
The Rehabilitation of Tranberg Road Routes 10, 100 and 4 Parking Areas, Office Parking Route 900, South Beach Parking Route 901, West Beach Parking Route 902, North Beach Parking Route 903 and New Parking Area Route 904.
THE ISLAND OF ST. CROIX, U.S. VIRGIN ISLANDS

DESCRIPTION OF PROJECT

IMPROVEMENT: The rehabilitation of Tranberg Road (Route 10 and 100) and Parking Areas including drainage improvements.

PROJECT LENGTH: 2.2 Miles

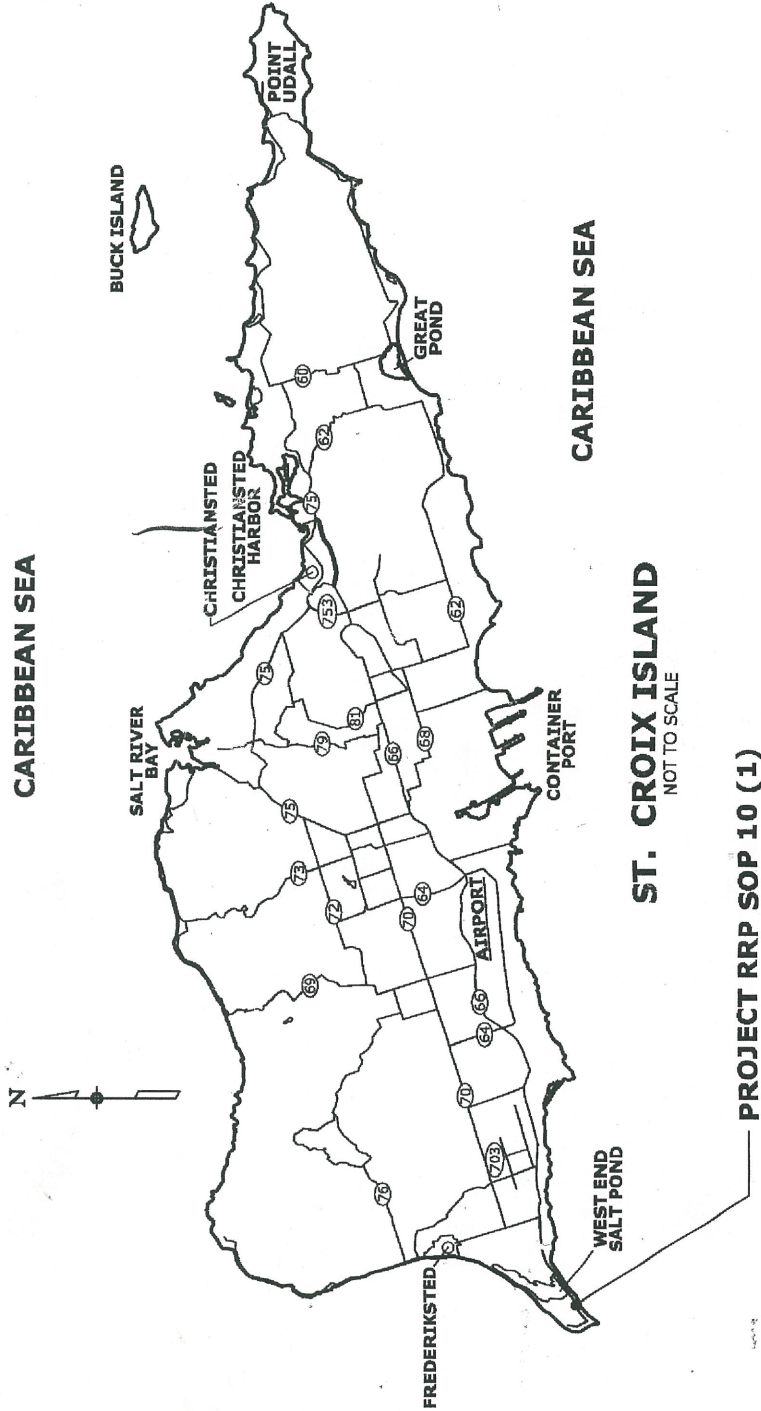
ROAD: U.S. Fish and Wildlife Routes 10, 100, Parking Area Routes 900, 901, 902, 903 and 904.

SAMMS ASSET NUMBERS	
SURFACE:	WIDTH
ROUTE 10	10'-27" Rock/Sand
ROUTE 100	10'-27" Rock/Sand
ROUTE 900	Office Parking
ROUTE 901	South Beach Parking
ROUTE 902	West Beach Parking
ROUTE 903	North Beach Parking
ROUTE 904	New Parking Area

BRIDGE:	N/A
DESIGN DESIGNATION:	42 (Weekend Traffic Only)
ADT (2010)	83 (Weekend Traffic Only)
ADT (2030)	2
DHV	50/50
D	2%
%Truck	20
V (MPH)	None
C/A	N/A
e(max)	N/A

SPECIFICATIONS:
"Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects", FP-03 U.S. Customary Units.

PROJECT MANAGER	LEAD DESIGNER
RAMNIK SATSIVA	JOE FABIS



AS-BUILTS

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
SE	VI	RRP-SOP 10(1)	A1	109

INDEX TO SHEETS

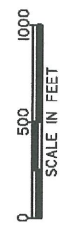
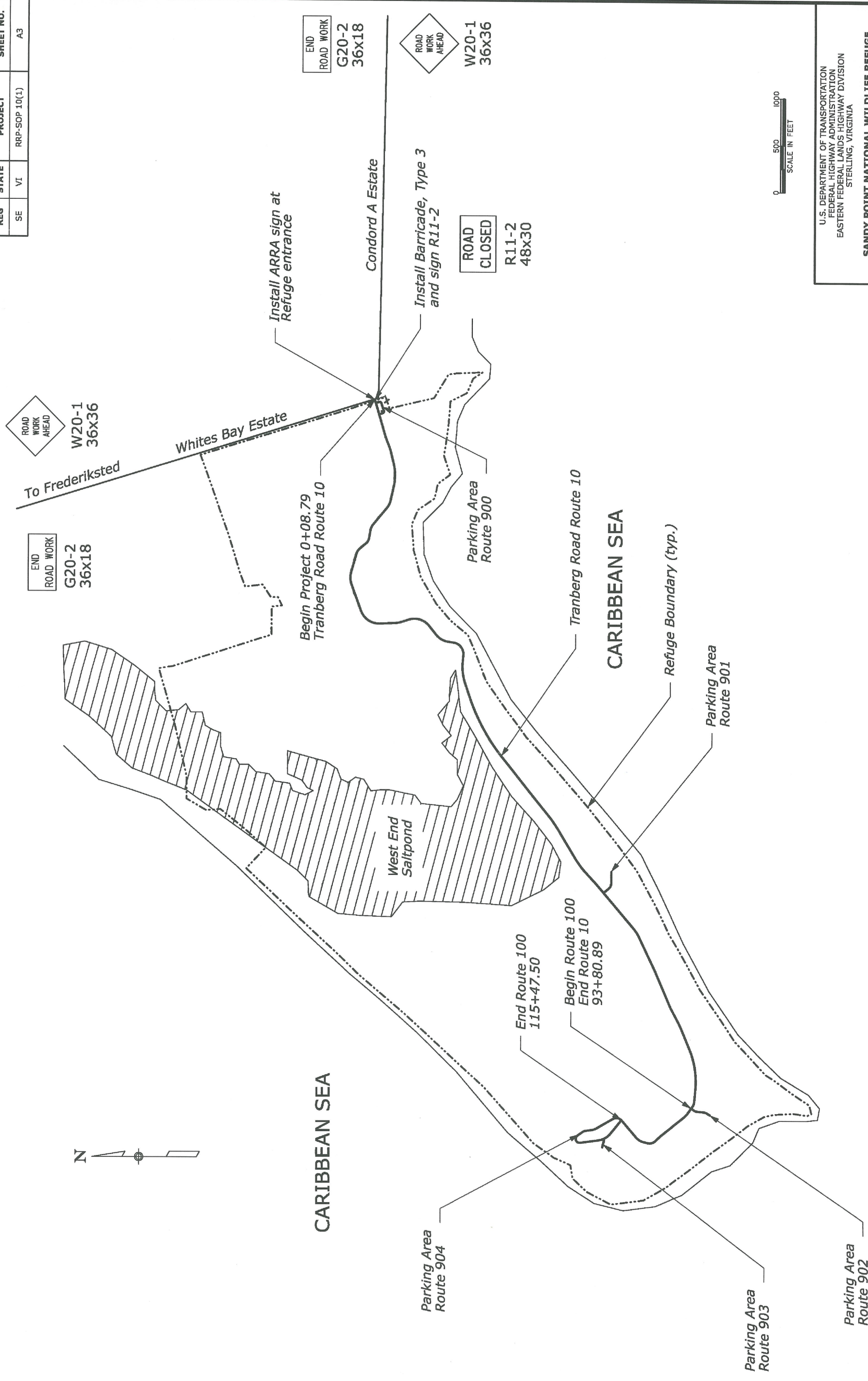
SHEET NO	DESCRIPTION
A1	Title Sheet
A2	Symbols and Abbreviations
A3	Location Map and Traffic Control
A4	Sheet Index
A5-A6	Survey Control Data
B1-B2	Typical Sections
C1	Tabulation of Quantities
C2-C4	Schedules and Summaries
D1-D23	Plans, Profiles and Drainage Cross Sections (Tranberg Road)
E1	Plans and Profiles (Route 901 Parking Area)
F1	Plans and Profiles (Route 902 Parking Area)
G1	Plan (Route 903 & 904 Parking Areas)
M1	Erosion Control Narrative
M2-M13	Erosion & Sediment Control Plan
S1-S23	Standards and Details
T1-T35	Cross Sections

PLANS PREPARED BY



U.S. Department of Transportation
Federal Highway Administration
EASTERN FEDERAL LANDS HIGHWAY DIVISION
STERLING, VIRGINIA
JANUARY, 2010

REG	STATE	PROJECT	SHEET NO.
SE	VI	RRP-SOP 10(1)	A3



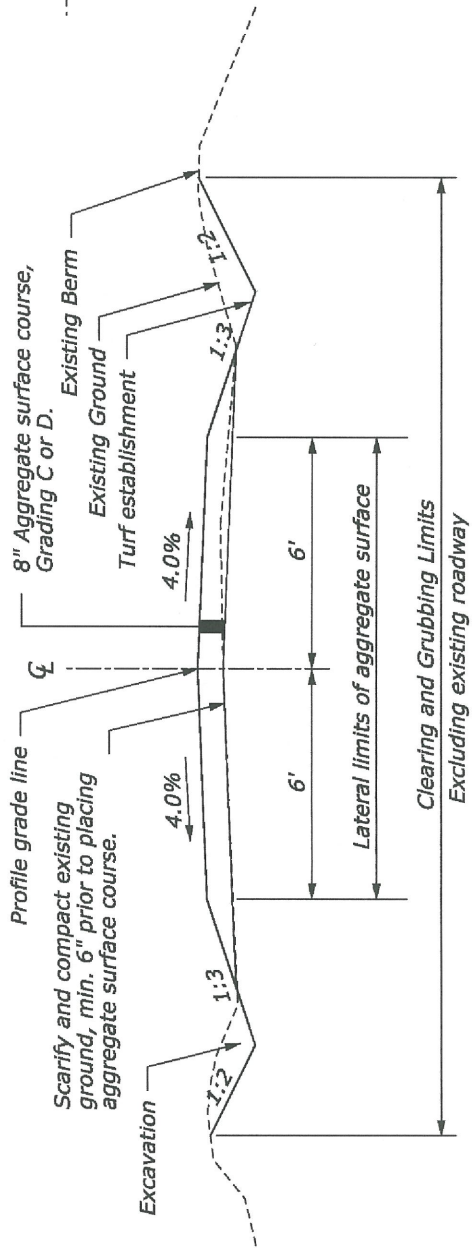
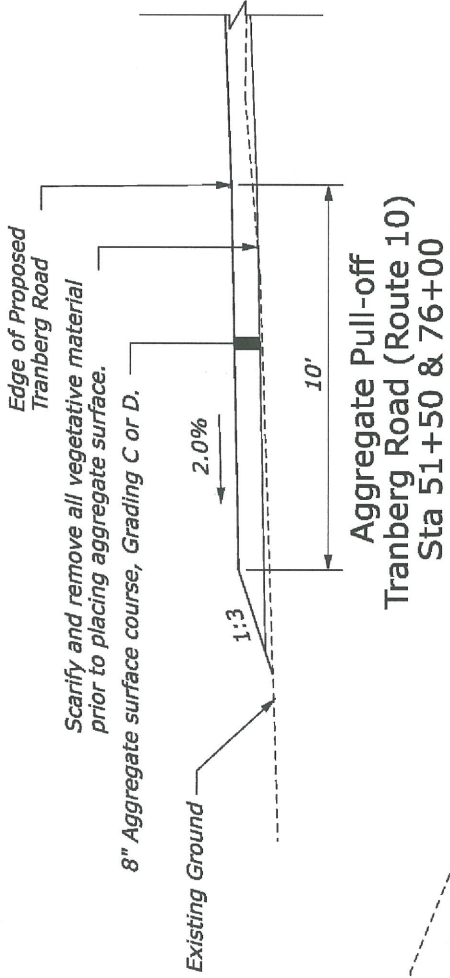
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION
STERLING, VIRGINIA

**LOCATION MAP
AND
TRAFFIC CONTROL**

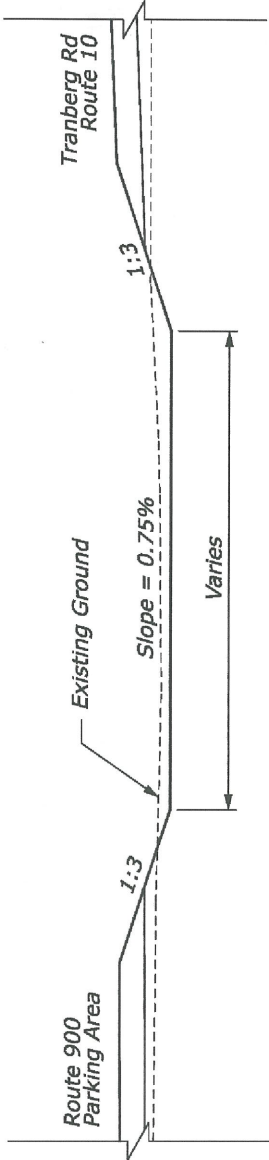
SANDY POINT NATIONAL WILDLIFE REFUGE

Notes:

1. Isolated wet areas will be scarified to a minimum depth of 6 inches, dried, and then re-compacted.
2. Cut through berm on either side of road for ditch relief every 500 ft or as directed by the the CO. Grade to drain at a minimum 0.5% slope.

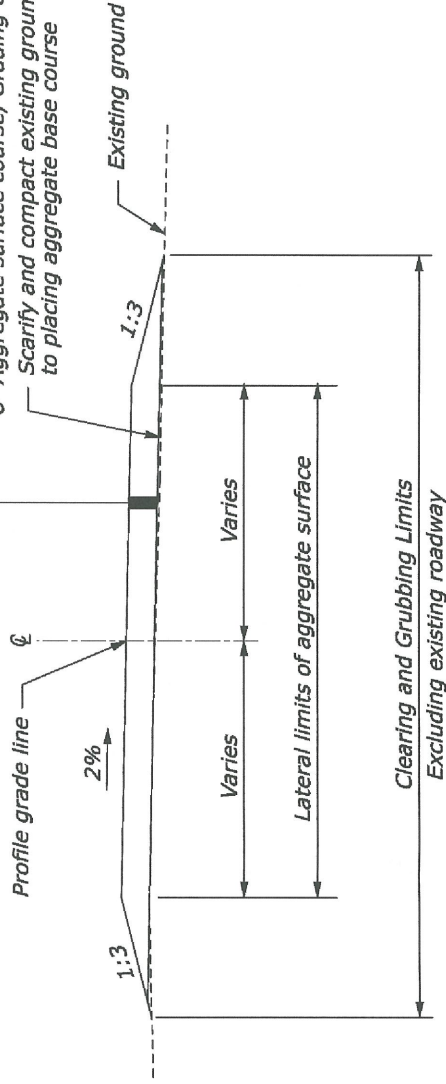


Tranberg Road (Route 10 & 100)
Sta 0+00 to 33+50 &
Sta 42+50 to 115+53.50

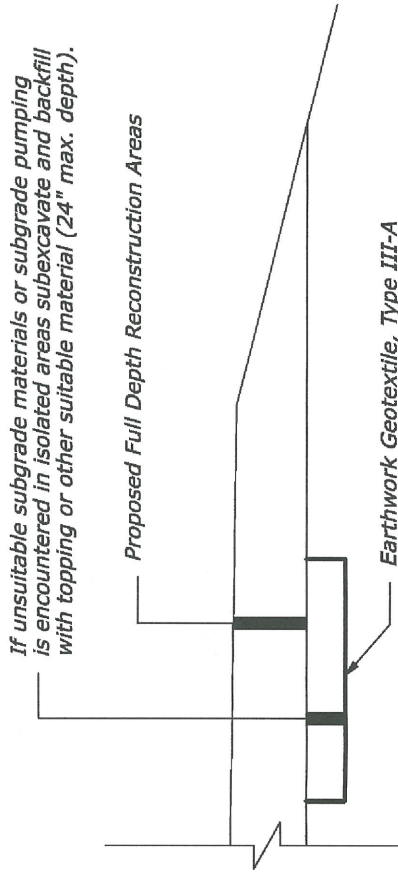


Special Flat Bottom Ditch
0+50 to 1+50

8" Aggregate surface course, Grading C or D.
Scarify and compact existing ground, min. 6" prior
to placing aggregate base course



Parking Areas
Routes 900, 901, 902, 903 & 904



Subexcavation Areas
Detail

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL HIGHWAY DIVISION
STERLING, VIRGINIA

SANDY POINT NATIONAL WILDLIFE REFUGE

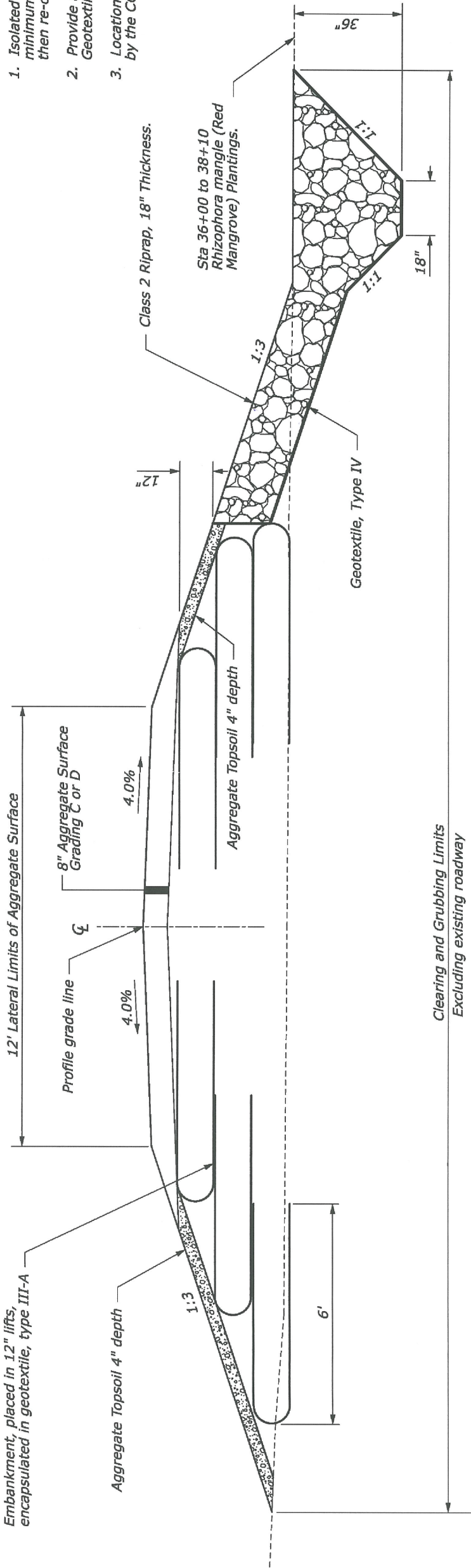
TYPICAL SECTIONS

Not to Scale

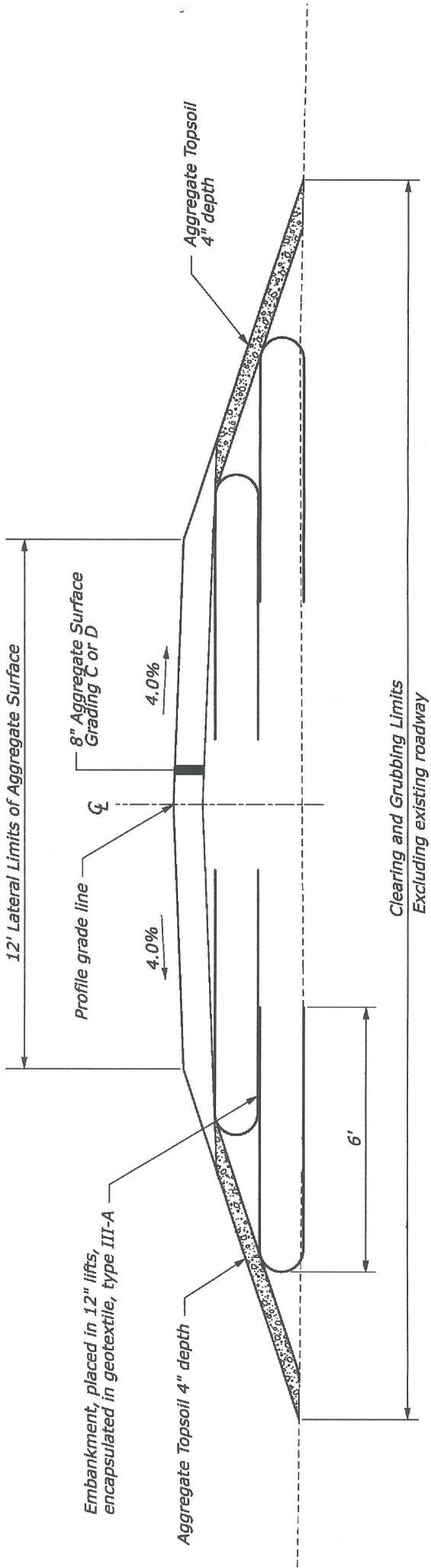
REG	STATE	PROJECT	SHEET NO.
SE	VI	RRP-SOP 10(1)	B2

Notes:

1. Isolated wet areas will be scarified to a minimum depth of 6 inches, dried, and then re-compacted.
2. Provide a minimum 1 foot overlap on all Geotextile connections.
3. Locations of plantings will be determined by the CO.



Embankment Section
with Riprap
Sta 36+00 to 38+10



Embankment Section
Sta 33+50 to 36+00
& Sta 38+10 to 42+50

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION
STERLING, VIRGINIA

SANDY POINT NATIONAL WILDLIFE REFUGE

TYPICAL SECTIONS

Not to Scale

TABULATION OF BIDS

Bid Schedule A

Project No.: RRP-SOP 10(1)

Project Name: SANDY POINT NATIONAL WILDLIFE REFUGE

State: VI

County:

U.S. FISH AND WILDLIFE SERVICE

Opened at: Sterling, VA

By: James Wright

Date: 05/19/2010

I certify that this Bid Tabulation accurately reflects the bids received and publicly opened for this solicitation.

Signed: James Wright

Title: Program Assistant

Date: 5/19/2010

Contract Awarded to: Island Roads Corporation

Date: 6/28/2010

Contractor	Bid Amount	Responsive
Island Roads Corporation 6501 Red Hook Plaza Suite 201 St. Thomas, VI 00802	1,966,200.00	
GEC, LLC 13 F Estate Bethlem - P.O. Box Kingshill, VI 00851	2,435,785.00	
Tip Top Construction 5064 Mt. Welcome Christiansted, VI 00820	2,837,154.00	
Engineer's Estimate	1,500,000.00	

TABULATION OF BIDS

Date: 05/19/10

Bid Schedule A

Project No.: RRP-SOP 10 (1)

Project Name: SANDY POINT NATIONAL WILDLIFE REFUGE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
15101-0000	LPSM	MOBILIZATION			
	Island Roads Corporation		ALL	190,000.00	190,000.00
	GEC, LLC			120,000.00	120,000.00
	Tip Top Construction			189,764.00	189,764.00
	ENGINEER'S ESTIMATE			140,180.00	140,180.00
15201-0000	LPSM	CONSTRUCTION SURVEY AND STAKING			
	Island Roads Corporation		ALL	10,000.00	10,000.00
	GEC, LLC			25,000.00	25,000.00
	Tip Top Construction			22,000.00	22,000.00
	ENGINEER'S ESTIMATE			40,000.00	40,000.00
15401-0000	LPSM	CONTRACTOR TESTING			
	Island Roads Corporation		ALL	20,000.00	20,000.00
	GEC, LLC			15,000.00	15,000.00
	Tip Top Construction			15,000.00	15,000.00
	ENGINEER'S ESTIMATE			40,000.00	40,000.00
15705-0100	LNFT	SOIL EROSION CONTROL, SILT FENCE			
	Island Roads Corporation		14,100	6.00	84,600.00
	GEC, LLC			18.00	253,800.00
	Tip Top Construction			4.00	56,400.00
	ENGINEER'S ESTIMATE			8.00	112,800.00
15706-1600	EACH	SOIL EROSION CONTROL, STABILIZED CONSTRUCTION ENTRANCE			
	Island Roads Corporation		1	3,000.00	3,000.00
	GEC, LLC			7,500.00	7,500.00
	Tip Top Construction			2,500.00	2,500.00
	ENGINEER'S ESTIMATE			4,500.00	4,500.00
20101-0000	ACRE	CLEARING AND GRUBBING			
	Island Roads Corporation		4.5	5,000.00	22,500.00
	GEC, LLC			2,750.00	12,375.00
	Tip Top Construction			6,000.00	27,000.00
	ENGINEER'S ESTIMATE			4,900.00	22,050.00
20402-0000	CUYD	SUBEXCAVATION			
	Island Roads Corporation		280	25.00	7,000.00
	GEC, LLC			57.00	15,960.00
	Tip Top Construction			45.00	12,600.00
	ENGINEER'S ESTIMATE			30.00	8,400.00

TABULATION OF BIDS

Date: 05/19/10

Bid Schedule A

Project No.: RRP-SOP 10 (1)

Project Name: SANDY POINT NATIONAL WILDLIFE REFUGE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20420-0000	CUYD	EMBANKMENT CONSTRUCTION			
	Island Roads Corporation		4,200	35.00	147,000.00
	GEC, LLC			60.00	252,000.00
	Tip Top Construction			75.00	315,000.00
	ENGINEER'S ESTIMATE			33.00	138,600.00
20701-1000	SQYD	EARTHWORK GEOTEXTILE, TYPE III-A			
	Island Roads Corporation		6,400	15.00	96,000.00
	GEC, LLC			13.00	83,200.00
	Tip Top Construction			6.00	38,400.00
	ENGINEER'S ESTIMATE			3.00	19,200.00
21101-1000	SQYD	ROADWAY OBLITERATION, METHOD 1			
	Island Roads Corporation		100	50.00	5,000.00
	GEC, LLC			50.00	5,000.00
	Tip Top Construction			100.00	10,000.00
	ENGINEER'S ESTIMATE			16.00	1,600.00
25101-2000	CUYD	PLACED RIPRAP, CLASS 2			
	Island Roads Corporation		210	200.00	42,000.00
	GEC, LLC			175.00	36,750.00
	Tip Top Construction			125.00	26,250.00
	ENGINEER'S ESTIMATE			130.00	27,300.00
30110-0000	TON	AGGREGATE SURFACE COURSE			
	Island Roads Corporation		9,000	90.00	810,000.00
	GEC, LLC			65.00	585,000.00
	Tip Top Construction			175.00	1,575,000.00
	ENGINEER'S ESTIMATE			55.00	495,000.00
30302-6000	LNFT	ROADWAY RECONDITIONING			
	Island Roads Corporation		9,500	10.00	95,000.00
	GEC, LLC			50.00	475,000.00
	Tip Top Construction			22.50	213,750.00
	ENGINEER'S ESTIMATE			12.00	114,000.00
30502-0700	SQYD	AGGREGATE-TOPSOIL COURSE, 4-INCH DEPTH			
	Island Roads Corporation		1,200	25.00	30,000.00
	GEC, LLC			40.00	48,000.00
	Tip Top Construction			25.00	30,000.00
	ENGINEER'S ESTIMATE			13.00	15,600.00

TABULATION OF BIDS

Date: 05/19/10

Bid Schedule A

Project No.: RRP-SOP 10 (1)

Project Name: SANDY POINT NATIONAL WILDLIFE REFUGE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
60103-0660	EACH	CONCRETE, HEADWALL FOR DOUBLE 36-INCH PIPE CULVERT			
	Island Roads Corporation		2	10,000.00	20,000.00
	GEC, LLC			2,750.00	5,500.00
	Tip Top Construction			7,500.00	15,000.00
	ENGINEER'S ESTIMATE			2,400.00	4,800.00
60201-1000	LNFT	36-INCH PIPE CULVERT			
	Island Roads Corporation		50	400.00	20,000.00
	GEC, LLC			275.00	13,750.00
	Tip Top Construction			450.00	22,500.00
	ENGINEER'S ESTIMATE			150.00	7,500.00
60413-0000	LNFT	TRENCH DRAIN			
	Island Roads Corporation		260	200.00	52,000.00
	GEC, LLC			675.00	175,500.00
	Tip Top Construction			175.00	45,500.00
	ENGINEER'S ESTIMATE			530.00	137,800.00
60915-3000	EACH	WHEELSTOP, RECYCLED PLASTIC			
	Island Roads Corporation		109	150.00	16,350.00
	GEC, LLC			200.00	21,800.00
	Tip Top Construction			200.00	21,800.00
	ENGINEER'S ESTIMATE			100.00	10,900.00
61502-1000	SQYD	DRIVE PAD, CONCRETE			
	Island Roads Corporation		90	150.00	13,500.00
	GEC, LLC			110.00	9,900.00
	Tip Top Construction			166.00	14,940.00
	ENGINEER'S ESTIMATE			160.00	14,400.00
61701-1350	LNFT	GUARDRAIL SYSTEM G4, TYPE 2, CLASS B STEEL POSTS			
	Island Roads Corporation		200	150.00	30,000.00
	GEC, LLC			90.00	18,000.00
	Tip Top Construction			150.00	30,000.00
	ENGINEER'S ESTIMATE			70.00	14,000.00
61702-0400	EACH	TERMINAL SECTION, TYPE G4-CRT			
	Island Roads Corporation		4	3,000.00	12,000.00
	GEC, LLC			3,500.00	14,000.00
	Tip Top Construction			750.00	3,000.00
	ENGINEER'S ESTIMATE			2,000.00	8,000.00

TABULATION OF BIDS

Date: 05/19/10

Bid Schedule A

Project No.: RRP-SOP 10 (1)

Project Name: SANDY POINT NATIONAL WILDLIFE REFUGE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
61920-2000	EACH	REMOVE AND RESET GATE			
	Island Roads Corporation		1	2,000.00	2,000.00
	GEC, LLC			4,500.00	4,500.00
	Tip Top Construction			1,500.00	1,500.00
	ENGINEER'S ESTIMATE			2,800.00	2,800.00
62501-0000	ACRE	TURF ESTABLISHMENT			
	Island Roads Corporation		3.3	20,000.00	66,000.00
	GEC, LLC			40,000.00	132,000.00
	Tip Top Construction			15,000.00	49,500.00
	ENGINEER'S ESTIMATE			8,000.00	26,400.00
62630-0400	EACH	PLANTINGS, WETLAND PLANT, CONTAINER GROWN (RHIZOPHORA MANGLE - RED MANGROVE)			
	Island Roads Corporation		100	200.00	20,000.00
	GEC, LLC			20.00	2,000.00
	Tip Top Construction			150.00	15,000.00
	ENGINEER'S ESTIMATE			50.00	5,000.00
63304-0900	SQFT	SIGNS, ALUMINUM PANELS, TYPE 3 SHEETING			
	Island Roads Corporation		130	100.00	13,000.00
	GEC, LLC			60.00	7,800.00
	Tip Top Construction			250.00	32,500.00
	ENGINEER'S ESTIMATE			86.00	11,180.00
63401-0300	LNFT	PAVEMENT MARKINGS, TYPE B, SOLID			
	Island Roads Corporation		150	15.00	2,250.00
	GEC, LLC			3.00	450.00
	Tip Top Construction			15.00	2,250.00
	ENGINEER'S ESTIMATE			2.60	390.00
63501-0000	LPSM	TEMPORARY TRAFFIC CONTROL			
	Island Roads Corporation		ALL	5,000.00	5,000.00
	GEC, LLC			25,000.00	25,000.00
	Tip Top Construction			10,000.00	10,000.00
	ENGINEER'S ESTIMATE			10,000.00	10,000.00
63602-2000	EACH	SYSTEM INSTALLATION, LIGHTING			
	Island Roads Corporation		4	12,000.00	48,000.00
	GEC, LLC			7,500.00	30,000.00
	Tip Top Construction			2,500.00	10,000.00
	ENGINEER'S ESTIMATE			5,400.00	21,600.00

TABULATION OF BIDS

Date: 05/19/10

Bid Schedule A

Project No.: RRP-SOP 10 (1)

Project Name: SANDY POINT NATIONAL WILDLIFE REFUGE

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
63701-0000	EACH	FIELD OFFICE			
		Island Roads Corporation	1	40,000.00	40,000.00
		GEC, LLC		25,000.00	25,000.00
		Tip Top Construction		5,000.00	5,000.00
		ENGINEER'S ESTIMATE		20,000.00	20,000.00
64605-3100	LPSM	FIXTURE, FLOATING DOCK (NESTING PLATFORM)			
		Island Roads Corporation	ALL	44,000.00	44,000.00
		GEC, LLC		16,000.00	16,000.00
		Tip Top Construction		25,000.00	25,000.00
		ENGINEER'S ESTIMATE		26,000.00	26,000.00

TABULATION OF BIDS

Date: 05/19/10

Bid Schedule A

Project No.: RRP-SOP 10 (1)

Project Name: SANDY POINT NATIONAL WILDLIFE REFUGE

BID ITEM CHECK PASS

Bidder	Item No.	Bidder's Extension	Computed Extension
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No extension errors in this Schedule.

TABULATION OF BIDS

Date: 05/19/10

Bid Schedule A

Project No.: RRP-SOP 10(1)

Project Name: SANDY POINT NATIONAL WILDLIFE REFUGE

BID TOTAL CHECK PASS

Bidder	Bidder's Bid Amount	Computed Bid Amount	Error
Island Roads Corporation	1,966,200.00	1,966,200.00	
GEC, LLC	2,435,785.00	2,435,785.00	
Tip Top Construction	2,837,154.00	2,837,154.00	

The apparent low bidder is 31 % above the engineer's estimate.

Standard Form 1034 Revised October 1967 Department of the Treasury 1. TFM 4-2000 1034-121		PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL			VOUCHER NO.	
U.S. DEPARTMENT, BUREAU, OR ESTABLISHMENT AND LOCATION				DATE VOUCHER PREPARED		SCHEDULE NO.
U.S. Department of Transportation Federal Highway Administration Eastern Federal Lands Highway Division 21400 Ridgetop Circle Sterling, VA 20166				CONTRACT NUMBER AND DATE		PAID BY
				DTFH71-10-C-00026 6/28/10		
				REQUISITION NUMBER AND DATE		
PAYEE'S NAME AND ADDRESS Island Roads Corporation 6501 Red Hook Plaza, Suite 210 St. Thomas, VI 00802				DATE INVOICE RECEIVED		
				DISCOUNT TERMS		
				PAYEE'S ACCOUNT NUMBER		
SHIPPED FROM TO WEIGHT				GOVERNMENT B/L NUMBER		
NUMBER AND DATE OF ORDER	DATE OF DELIVERY OR SERVICE	ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary)	QUAN- TITY	UNIT PRICE		AMOUNT
				COST	PER	(1)
		Final Estimate No. 12 - FINAL PAYMENT. This is final settlement of construction of project RRP-SOP 10(1). Final settlement is specifically conditioned upon the execution of the Contractor's Release attached hereto and incorporated herein. By: <i>ASIA A. SMITH</i> Title: <i>PRESIDENT</i> Date: <i>3/23/12</i>		RECEIVED MAR 26 2011 CONSTRUCTION		
(Use continuation sheet(s) if necessary)				TOTAL		\$0.00
PAYMENT:		APPROVED FOR	EXCHANGE RATE	DIFFERENCES		
☐ PROVISIONAL		= \$ 0.00	= \$1.00			
☐ COMPLETE		BY 2				
☐ PARTIAL						
☒ FINAL		Laurin R. Lineman		Amount verified correct for payment		
☐ PROGRESS		TITLE		(Signature or initials)		
☐ ADVANCE		Director, Project Delivery		<i>L. Lineman</i>		
Pursuant to authority vested in me, I certify that this voucher is correct and proper for payment.						
<i>4/26/12</i> (Date)		<i>J. Lineman</i> (Authorized Certifying Officer)		Financial Manager		(Title)
ACCOUNTING CLASSIFICATION						
PROJ: 1515780SOP001 ORG: 1578000000 TASK: 540.00.D190.78 PROJ: 1515780SOP001 ORG: 1578000000 TASK: 540.00.F19E.78						
P A I D B Y	CHECK NUMBER	ON TREASURER OF THE UNITED STATES		CHECK NUMBER	ON (Name of bank)	
	CASH \$	DATE		PAYEE 3		
1 When stated in foreign currency, insert name of currency. 2 If the ability to certify and authority to approve are combined in one person, one signature only is necessary; otherwise the approving officer will sign in the space provided, over his official title. 3 When a voucher is received in the name of a company or corporation, the name of the person writing the company or corporate name, as well as the name of the person who signs, must appear. For example: "John Doe Company, per John Smith, Secretary", or "Treasurer, John Doe Company"					FOR TITLE	
NSN 7540-00-900-2234						
PRIVACY ACT STATEMENT The information requested on this form is required under the provisions of 31 U.S.C. 82b and 82c, for the purpose of disbursing Federal money. The information requested is to identify the particular creditor and the amounts to be paid. Failure to furnish this information will hinder discharge of the payment obligation.						
FINANCE DEPT						

DEPARTMENT OF TRANSPORTATION
CONTRACTOR'S RELEASE

CONTRACTOR (Name and Address)

Island Roads Corporation
6501 Red Hook Plaza, Suite 201
St. Thomas, VI 00802

RECEIVED

MAR 26 2011

CONSTRUCTION

ENTER SUM OF TOTAL OF AMOUNTS PAID
AND PAYABLE

\$1,921,057.70

CONTRACT NO. DTFH71-10-C-00026

Pursuant to the terms of the above numbered contract and in consideration of the sum stated above, which has been paid or is to be paid to the Contractor, or its assignees, the Contractor, upon payment of the said sum by the UNITED STATES OF AMERICA (hereinafter called the Government), does remise, release, and discharge the Government, its officers, agents, and employees, of and from all liabilities, obligations, claims, and demands whatsoever under or arising from the said contract, except:

1. Specified claims in stated amounts or in estimated amounts where the amounts are not susceptible of exact statement by the Contractor, as follows: (or state "None")

2. Claims, together with reasonable expenses incidental thereto, based upon the liabilities of the Contractor to third parties arising out of the performance of this contract, which are not known to the Contractor on the date of the execution of this release and of which the Contractor gives notice in writing to the Contracting Officer within the period specified in the said contract; and

3. Claims for reimbursement of costs (other than expenses of the Contractor by reason of his indemnification of the Government against patent liability) including reasonable expenses incidental thereto, incurred by the Contractor under any provisions of the said contract relating to patents.

The Contractor agrees, in connection with patent matters and with claims which are not released as set forth above, that it will comply with all provisions of the said contract, provisions of the said contract, including without limitation those provisions relating to notification to the Contracting Officer and relating to the defense or prosecution of litigation.

IN WITNESSES WHEREOF, this release has been executed this 23 day of MARCH, 20 12

WITNESSES

ISLAND ROADS CORP
(Contractor)

BY

A. SMITH

TITLE

PRESIDENT

NOTE: In the case of a corporation, witnesses are not required but the below statement must be completed.

I, HARRY HENDRICKSON, am the COMPANY secretary of the corporation named as Contractor in the foregoing release; that A. SMITH who signed said release on behalf of the Contractor was then PRESIDENT of said corporation; release was duly signed for and in behalf of said corporation by authority of its governing body and is within the scope of its corporate powers.

Signature



United States Department of the Interior

FISH AND WILDLIFE SERVICE



Sandy Point National Wildlife Refuge
St. Croix USVI

December 22, 2011

Ms. Melisa L Ridenour
Federal Highways Administration
Eastern Federal Highway Division
Loudon Tech Center
21400 Ridge top Circle
Sterling, Virginia 20166-6511

Dear Ms. Ridenour,

Reference: Sandy Point National Wildlife Refuge Project RRP-SOP 10(1).

Subject: Acceptance Letter

On October 06, 2011 an inspection was held on the above project. Those in attendance at this inspection were Miguel A. Rodriguez, Federal Highways, Mike Evans, Sandy Point Refuge Manager and Ricardo Antonetti, Facilities Engineer Fish & Wildlife

Inspection revealed that all work had been completed in accordance with the contract documents. I am very pleased with the cooperation and communication your staff had with refuge through the entire process on this project.

Sincerely,

Mike Evans
Refuge Manager

CC: Miguel A. Rodriguez, Project Engineer, Jameel Siddiqi, CO

In Reply Refer To: HFCO-15

FEDERAL EXPRESS

Mr. Andy Smith
President
Island Roads Corporation
6501 Red Hook Plaza, Suite 201
St. Thomas, VI 00802

Subject: Project No. RRP-SOP 10(1); Sandy Point National Wildlife Refuge
Rehabilitation of Transberg Road and Five Parking Areas
Project Closeout
Contract No. DTFH71-10-C-00026

Dear Mr. Smith:

We are pleased to advise you that all work performed on the above-referenced project has been satisfactorily completed in substantial conformity with the plans and specifications. Final Acceptance was effective on October 6, 2011, and as of that date you were relieved of further maintenance obligations. Enclosed please find the following documents for the subject project:

- The final estimate (Estimate No. 12)
- Two copies of Form 4220.4, Contractor's Release
- Two copies of Form 1034, Public Voucher for Purchases and Services Other than Personal

You are requested to sign and return both copies of Forms 4220.4 and 1034, which are based on the final estimate. Upon receipt of the executed documents, we will process the final payment. If you have any questions, please contact Mr. Jameel A. Siddiqi, Construction Operations Engineer, at 703-404-6259.

Sincerely yours,

/s/ Jameel A. Siddiqi

for: Thomas J. Scott, Jr., P.E.
Construction Engineer

Enclosures

FHWA:JTregoe:6265:ge:3/19/12:M:\Projects\FWS\SAND\sop 10(1)\constr\COE Files\Final
Voucher Documents\vchltr.doc
cc: Official File Copy (JS), Chrono, Construction, M. Rodriguez DelValle, J. Tregoe

CONCURRENCES
RTG. SYMBOL
INITIAL/SIG
DATE
RTG. SYMBOL
INITIAL/SIG
DATE
RTG. SYMBOL
INITIAL/SIG
DATE
RTG. SYMBOL
INITIAL/SIG
DATE
RTG. SYMBOL HRCO-18
INITIAL/SIG CPS
DATE 03/19/12
RTG. SYMBOL HFCO-15
INITIAL/SIG JAT
DATE 3/19/12
RTG. SYMBOL HFM-15
INITIAL/SIG S
DATE 3/19/12



CONSTRUCTION PROJECT MATERIAL CERTIFICATION

State Virgin Islands, St. Croix

Project No. RRP-SOP 10(1)

Project name Sandy Point Natl Wildlife Refuge

Contract No. DTFH71-10-C-00026

Part I - Field Control

It is certified (1) that all material accepted pursuant to this contract complies with the terms of the contract as documented by the project records in according to Federal Lands standards; or (2) that material not complying with the terms of the contract was accepted according to FAR Clause 52.246-12 based on a technical evaluation of the material documented in the project records.

It is further certified (1) that the results of verification tests taken during construction confirm the validity of acceptance tests according to Federal Lands standards; or (2) that inconsistencies between verification and acceptance tests were responded to according to Federal Lands standards and so documented in the project records.

It is further certified (1) for material accepted by manufacturer's certification of compliance, such certifications and accompanying test result (when required) indicate compliance with the terms of the contract; and (2) that if verification tests of such material were taken, the tests confirmed the validity of the certifications, or the discrepancies were responded to according to Federal Lands standards and so documented in the project records.

Project Engineer Miguel A. Rodriguez

Digitaly signed by Miguel A. Rodriguez
DN: cn=Miguel A. Rodriguez, o=U.S. Department of Transportation, email=miguel.rodriguez@dot.gov, c=US
Date: 2012.03.01 14:41:12 -0500

Date 03/01/2012

Construction Operations Engineer Jameel Siddiqi

Digitaly signed by Jameel Siddiqi
DN: cn=Jameel Siddiqi, o=U.S. Department of Transportation, email=jameel.siddiqi@dot.gov, c=US
Date: 2012.03.01 14:42:12 -0500

Date 03/01/2012

Part II - Final Review

It is certified (1) that the results of verification tests taken during construction confirm the validity of the job site acceptance testing and/or manufacturer's certificates; or (2) that inconsistencies are appropriately documented together with the technical basis of acceptance of the material.

Materials Engineer Michael Dallaire

Digitaly signed by Michael Dallaire
DN: cn=Michael Dallaire, o=U.S. Department of Transportation, email=michael.dallaire@dot.gov, c=US
Date: 2012.03.01 14:46:01 -0500

Date 3/01/2012

It is certified that the records for this project have been reviewed and confirmed that the acceptance and documentation of all materials complied with Federal Lands standards.

Construction Engineer Thomas J. Scott Jr.

Digitaly signed by Thomas J. Scott Jr.
DN: cn=Thomas J. Scott Jr., o=U.S. Department of Transportation, email=thomas.scott@dot.gov, c=US
Date: 2012.03.01 14:47:17 -0500

Date _____

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION
21400 RIDGETOP CIRCLE
STERLING, VIRGINIA 20166

batch #
cntrl #

RRP-SOP 10(1) - SANDY POINT NATIONAL WILDLIFE REFUGE (partial-ARRA)

The rehabilitation of Tranberg Road (Routes 10 and 100) and 5 parking areas including aggregate resurfacing, drainage and signage improvements and other miscellaneous work.

TO: Island Roads Corporation
6501 Red Hook Plaza
St. Thomas, VI 00801

CONSTRUCTION SUMMARY

ESTIMATE # 12, final

TOTAL AMOUNT EARNED TO DATE \$1,921,057.70

*ADJUSTMENTS \$0.00

TOTAL PAYMENTS APPROVED TO DATE \$1,921,057.70

TOTAL PAYMENTS PREVIOUSLY PAID \$1,921,057.70

AMOUNT TO BE PAID THIS ESTIMATE \$0.00

*ADJUSTMENTS

held from est 01 for unsatisfactory progress \$2,769.70
held from est 02 for unsatisfactory progress \$28,605.30
held from est 03 for unsatisfactory progress \$49,235.11
held from est 04 for unsatisfactory progress \$24,006.92
partial release of prev. held per est 09 \$54,617.03

remaining holding \$50,000.00; released \$45,000.00 est. 10 and \$5,000.00 est. 11

ACCOUNT NUMBER

Proj 1515780SOP001; Task 540.00.D190.78; Org 1578000000
Proj 1515780SOP001; Task 540.00.F19E.78; Org 1578000000

EXPEND

\$0.00
\$0.00

LIQUIDATE

\$0.00
\$0.00

TOTAL

\$0.00

\$0.00

line number
& amount

CONTRACT NUMBER: DTFH71-10-C-00026
AWARD DATE: June 28, 2010

STATE U.S. Virgin Islands
COUNTIES St. Croix
FOREST OR PARK Sandy Point NWR

LENGTH 11,538 ft

This estimate submitted 02/28/12 by
Miguel Rodriguez DelValle, Project Engineer

James S. Siddiqi date: 4/2/12

James S. Siddiqi, Construction Operations Engineer

Concur in estimate

Thomas J. Scott, Construction Engineer

Approve for payment

Teresa Daniel, Financial Manager

Certify funds available

RRP-SOP 10(1) - SANDY POINT NATIONAL WILDLIFE REFUGE (partial-ARRA) ESTIMATE # 12, final

ITEM NO.	DESCR.	CONTRACTED				ESTIMATED		PROBABLES OVER			
		QUANTITY	CM	AMENDED UNIT	UNIT PRICE	AMOUNT	CURRENT PREVIOUS TO DATE	AMOUNT	QUANTITY	AMOUNT	JANIT
Schedule A											
15101-0000	MOBILIZATION	100,000		100,000	LPSM	\$190,000.00	0.000	100,000	100,000	\$190,000.00	0
15201-0000	CONSTRUCTION SURVEY AND STAKING CM #004, 02/24/12; CONSTRUCTION SURVEY AND STAKING (additional survey due to road realignment)	100,000		100,000	LPSM	\$10,000.00	0.000	100,000	100,000	\$10,000.00	0
15401-0000	CONTRACTOR TESTING SOIL EROSION CONTROL, SILT FENCE; quantity decrease 10000 per CM #0003, 05/25/11; quantity decrease 3,250 per CM #004, 02/27/12	100,000	100,000	100,000	LPSM	\$5,500.00	0.000	100,000	100,000	\$5,500.00	0
15705-0100	CONSTRUCTION ENTRANCE; quantity per CM #004, 02/27/12	100,000		100,000	LPSM	\$20,000.00	0.000	100,000	100,000	\$20,000.00	0
15706-1600	SOIL EROSION CONTROL, STABILIZED SUBEXCAVATION; quantity increase 583 per CM #0003, 05/25/11; quantity decrease 402.82 per CM #004, 02/27/12	14100,000	-13250,000	850,000	LNFT	\$6.00	0.000	850,000	850,000	\$5,100.00	0
20101-0000	CLEARING AND GRUBBING EMBANKMENT CONSTRUCTION; quantity increase 583 per CM #0003, 05/25/11; quantity increase 288.07 per CM #004, 02/27/12	1,000 4,500	-1,000	0,000	EACH	\$3,000.00	0.000	0,000	0,000	\$0.00	0
20402-0000	EARTHWORK GEOTEXTILE, TYPE III-A; quantity increase 1777 per CM #0003, 05/25/11; quantity decrease 1166.07 per CM #004, 02/27/12	4,500		4,500	ACRE	\$5,000.00	0.000	4,500	4,500	\$22,500.00	0
20420-0000	ROADWAY OBLITERATION, METHOD 1; quantity per CM #0003, 05/25/11 PLACED RIPRAP, CLASS 2; quantity increase 183 per CM #0003, 05/25/11; quantity increase 84.89 per CM #004, 02/27/12	280,000	180,180	460,180	CUYD	\$25.00	0.000	460,180	460,180	\$11,504.50	0
20701-1000	AGGREGATE SURFACE COURSE; quantity per CM #004, 02/27/12	4200,000	\$71,070	5071,070	CUYD	\$35.00	0.000	5071,070	5071,070	\$177,487.45	0
21101-1000	ROADWAY RECONDITIONING; quantity decrease 2200 per CM #0003, 05/25/11 AGGREGATE-TOPSOIL COURSE, 4-INCH DEPTH; quantity per CM #004, 02/27/12	6400,000	610,930	7010,930	SQYD	\$15.00	0.000	7010,930	7010,930	\$105,163.95	0
25101-2000	CONCRETE, HEADWALL FOR DOUBLE 36- INCH PIPE CULVERT	100,000	-100,000	0,000	SQYD	\$50.00	0.000	0,000	0,000	\$0.00	0
30110-0000	36-INCH PIPE CULVERT; quantity increase 22 per CM #0003, 05/25/11	210,000	267,890	477,890	CUYD	\$200.00	0.000	477,890	477,890	\$95,578.00	0
30302-6000	TRENCH DRAIN	9000,000	295,820	9295,820	TON	\$90.00	0.000	9295,820	9295,820	\$836,623.80	0
30502-0700	WHEELSTOP, RECYCLED PLASTIC	9500,000	-2200,000	7300,000	LNFT	\$10.00	0.000	7300,000	7300,000	\$73,000.00	0
60103-0660	WHEELSTOP, RECYCLED PLASTIC	1200,000	-1200,000	0,000	SQYD	\$25.00	0.000	0,000	0,000	\$0.00	0
60201-1000	WHEELSTOP, RECYCLED PLASTIC	2,000		2,000	EACH	\$10,000.00	0.000	2,000	2,000	\$20,000.00	0
60413-0000	WHEELSTOP, RECYCLED PLASTIC	50,000	22,000	72,000	LNFT	\$400.00	0.000	72,000	72,000	\$28,800.00	0
60915-3000	WHEELSTOP, RECYCLED PLASTIC	260,000		260,000	LNFT	\$200.00	0.000	260,000	260,000	\$52,000.00	0
		109,000		109,000	EACH	\$150.00	0.000	109,000	109,000	\$16,350.00	0

RRP-SOP 10(1) - SANDY POINT NATIONAL WILDLIFE REFUGE (partial-ARRA) ESTIMATE # 12, final

ITEM NO.	DESCR.	CONTRACTED			ESTIMATED			PROBABLES OVERR	
		QUANTITY	CM	AMENDED UNIT	UNIT PRICE	AMOUNT	CURRENT PREVIOUS TO DATE	AMOUNT	QUANTITY AMOUNT JANIT
61502-1000	DRIVE PAD, CONCRETE; quantity per CM #004, 02/27/12	90,000	1,000	91,000 SQYD	\$150.00	\$13,650.00	0,000	91,000	\$13,650.00 0
61701-1350	GUARDRAIL SYSTEM G4, TYPE 2, CLASS B STEEL POSTS; quantity increase 450 per CM #0003, 05/25/11; quantity increase 7 per CM #004, 02/27/12	200,000	457,000	657,000 LNFT	\$150.00	\$98,550.00	0,000	657,000	\$98,550.00 0
61702-0400	TERMINAL SECTION, TYPE G4-CRT; quantity per CM #004, 02/27/12	4,000	4,000	8,000 EACH	\$3,000.00	\$24,000.00	0,000	8,000	\$24,000.00 0
61920-2000	REMOVE AND RESET GATE	1,000		1,000 EACH	\$2,000.00	\$2,000.00	0,000	1,000	\$2,000.00 0
62501-0000	TURF ESTABLISHMENT; quantity per CM #004, 02/27/12	3,300	-3,300	0,000 ACRE	\$20,000.00	\$0.00	0,000	0,000	\$0.00 0
62630-0400	PLANTINGS, WETLAND PLANT, CONTAINER GROWN (RHIZOPHORA MANGLE - RED MANGROVE); quantity per CM #004, 02/27/12	100,000	-100,000	0,000 EACH	\$200.00	\$0.00	0,000	0,000	\$0.00 0
63304-0900	SIGNS, ALUMINUM PANELS, TYPE 3 SHEETING; quantity per CM #004, 02/27/12	130,000	10,000	140,000 SQFT	\$100.00	\$14,000.00	0,000	140,000	\$14,000.00 0
63501-0300	PAVEMENT MARKINGS, TYPE B, SOLID	150,000		150,000 LNFT	\$15.00	\$2,250.00	0,000	150,000	\$2,250.00 0
63501-0000	TEMPORARY TRAFFIC CONTROL	100,000		100,000 LPSM	\$5,000.00	\$5,000.00	0,000	100,000	\$5,000.00 0
63602-2000	SYSTEM INSTALLATION, LIGHTING	4,000		4,000 EACH	\$12,000.00	\$48,000.00	0,000	4,000	\$48,000.00 0
63701-0000	FIELD OFFICE; quantity per CM #0003, 05/25/11	1,000	-1,000	0,000 EACH	\$40,000.00	\$0.00	0,000	0,000	\$0.00 0
64605-3100	FIXTURE, FLOATING DOCK (NESTING PLATFORM)	100,000		100,000 LPSM	\$44,000.00	\$44,000.00	0,000	100,000	\$44,000.00 0

RRP-SOP 10(I) - SANDY POINT NATIONAL WILDLIFE REFUGE (partial-ARRA) ESTIMATE # 12, final

DATE TIME BEGAN:		10/04/10	CONSTRUCTION		BID	TO DATE	PROBABLE
DATE CONTRACT COMPLETE:		03/17/11	CONTRACT		\$1,966,200.00	\$1,921,057.70	\$1,921,057.70
			DBE INCENTIVE		\$0.00	\$0.00	\$0.00
			QUALITY INCENTIVE		\$0.00	\$0.00	\$0.00
			SMOOTHNESS INCENTIVE		\$0.00	\$0.00	\$0.00
			TOTAL		\$1,966,200.00	\$1,921,057.70	\$1,921,057.70
DAYS ALLOWED:		165					
EXTENSIONS GRANTED BY CM #0003		75					
EXTENSIONS GRANTED BY CM #0004		128					
TOTAL DAYS ALLOWED		368					
DAYS USED TO DATE		376					
TIME USED		102.17%					
to date/allowed							
WORK COMPLETE		100.00%					
to date/probable							
CONSTR FUNDS USED		97.70%					
to date/allotted							
CE FUNDS USED		#DIV/0!					
to date/allotted							
CE BUDGET USED		101.15%					
TOTAL INCREASE DUE TO CMS		\$220,357.70					
TOTAL DECREASE DUE TO CMS		-\$265,500.00					
TOTAL INCREASE DUE TO OVERRUNS		\$0.00					
TOTAL DECREASE DUE TO OVERRUNS		\$0.00					
CM #0001, 09/16/10; admm to incr. ARRA		\$93,443.63					
CM #0002, 09/23/10, admm to decr F19E		-\$93,443.63					
CM #0003, 05/25/11, F19E		\$47,535.00					
CM #004, 02/27/12, F19E		-\$92,677.30					
contract award amount		\$1,966,200.00					
contract amount including CM's		\$1,921,057.70					

spend ARRA first	
funding split @ award	0.579156769
funding split per CM1&2	0.626681757
funding split @ award	0.420843231
funding split per CM1&2	0.373318243

CONSTRUCTION ENGINEERING		AUTHORIZED		TO DATE		PROBABLE		PROBABLE CE/CN					
TOTAL-ALL WORK CODES		\$0.00		\$192,176.39		\$190,000.00		9.89%					
C E BREAKDOWN		FUNCTION C		FUNCTION I		FUNCTION M		FUNCTION P		FUNCTION T		TOTAL	
*TO DATE AUTHORIZED												\$0.00	
EXPENDED		\$185,012.89				\$2,623.93		\$4,539.57				\$192,176.39	
PROBABLE		\$180,000.00				\$10,000.00						\$190,000.00	
EXPENDED PER DELPHI REPORTS AS OF 04/02/12 & PP 06													
*CE AUTH. PER DELPHI													
DELPHI CE ACCOUNT NUMBERS Proj 1515780SOP001; Task 520.C0.F19E.78; Org 1578000000													
ACCOUNT NUMBER FOR PYRL:													

spend ARRA first	
funding split @ award	0.579156769
funding split per CM1&2	0.626681757
funding split @ award	0.420843231
funding split per CM1&2	0.373318243



REFUGE ENTRANCE AND MAIN PARKING LOT BEFORE REHABILITATION



REFUGE ENTRANCE AND MAIN PARKING LOT AFTER REHABILITATION



STATION 36+00 OF TRANBERG ROAD BEFORE REHABILITATION



STATION 36+00 OF TRANBERG ROAD AFTER REHABILITATION



NEW PARKING AREA ON ROUTE 904, STATION 111+00



NEW PARKING AREA ON ROUTE 901, STATION 68+00



STATION 20+00 OF TRANBERG ROAD BEFORE REHABILITATION



STATION 20+00 OF TRANBERG ROAD AFTER REHABILITATION



STATION 95+00 OF TRANBERG ROAD AFTER REHABILITATION



AERIAL VIEW OF THE TRANBERG ROAD AFTER REHABILITATION