



U.S. Department
of Transportation

Federal Highway
Administration

Eastern Federal Lands
Highway Division

Final Construction Report

Project No.: VI Q-NH-73(2), 732(1)

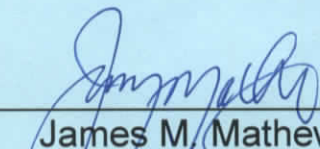
Location: Highway 73 and Mon Bijou/Glynn Road, St. Croix

Description: Construction of new bridges along Highway 73 and Mon Bijou/Glynn Road over flood control channel. Other work includes road reconstruction, installation of guardrail, drainage, permanent signing and striping.

Submitted by

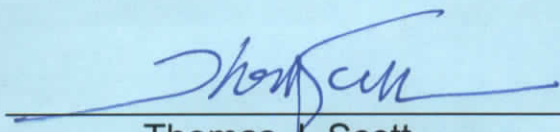
Mark L. Mullholand
Project Engineer

Recommended by:


James M. Mathews
Construction Operations Engineer

12/12/2011
Date

Approved by:


Thomas J. Scott
Construction Engineer

12/14/11
Date

FINAL CONSTRUCTION REPORT

PROJECT: VI Q-NH-73(2), 732(1) HIGHWAY 73 AND MON BIJOU/GLYNN ROAD BRIDGES

<u>INDEX</u>	<u>PAGE</u>
PROJECT DESCRIPTION.....	1
PROJECT DATA.....	1 - 4
CONSTRUCTION.....	4 - 12
CONSTRUCTION ENGINEERING.....	12
APPENDIX:	
Title Sheet/Location Map.....	13 - 14
Typical Sections.....	15
Tabulation of Bids.....	16 - 22
Final Voucher Assembly	
Final Voucher and Claims Release.....	23 - 24
Final Estimate.....	25 - 33
Letter of Acceptance from Cooperating Agency.....	34
Letter of Acceptance from FHWA.....	35 - 36
Materials Certification.....	37
Project Photographs.....	37 - 47

FINAL CONSTRUCTION REPORT
PROJECT: VI Q-NH-73(2), 732(1)
HIGHWAY 73 AND MON BIJOU/GLYNN ROAD BRIDGES

I) PROJECT DESCRIPTION

A) Project Number – Virgin Islands, Project VI Q-NH-73(2), 732(1) was located at Highway 83 and Mon Bijou/Glynn road in St. Croix, U.S. Virgin Islands.

B) Description of Work – This project consisted of the following:

Highway 73 – New bridge construction, roadway approaches, 12-inch waterline, guardrail, signing, striping, and other work.

Mon Bijou/Glynn Road – New bridge construction, roadway approaches guardrail, signing, striping, and other work.

C) Environmental Considerations – The Federal Highway Administration (FHWA) determined that the project met the requirements of a Class II Action (Categorical Exclusion) under the National Environmental Policy Act (NEPA) of 1969 by letter dated June 23, 2005.

II) PROJECT DATA

A) Specifications – Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects, FP-96.

B) Termini –

Highway 73 – Station 201+11 to 207+59

Mon Bijou/Glynn Road – Station 95+25 to 111+65

C) Length –

Highway 73 - 648 feet

Mon Bijou/Glynn Road – 1,640 feet

Total length: 2,288 feet

D) Width –

Highway 73 – two 12-foot lanes

Mon Bijou/Glynn Road – two 12-foot lanes

E) Pavement Structure –

Highway 73 –

8 inches of aggregate base grading C or D

2.5 inches of hot asphalt concrete pavement, Class B, Grading D

1.5 inches of hot asphalt concrete pavement, Class B, Grading E

Mon Bijou/Glynn Road –

8 inches of aggregate base grading C or D

2.5 inches of hot asphalt concrete pavement, Class B, Grading D

1.5 inches of hot asphalt concrete pavement, Class B, Grading E

F) Structures –

Highway 73 Bridge –

145.81 feet long

38 feet – 11 inches wide

Concrete deck/slab bridge consisting of 4 spans cast in place

Abutments and piers on spread footings.

Mon Bijou/Glynn Road Bridge –

320.00 feet long

40 feet – 4 inches wide

Concrete beam bridge consisting of 5 spans cast in place

G) Contract Number and Date – DTFH71-05-C-00030 - September 13, 2005

H) Contracting Officers –

Melisa L. Ridenour

Division Engineer

Donald W. Miller

Director, Project Delivery

Wanda A. Pepper

Contracting Officer

Thomas J. Scott, Jr.

Construction Engineer

James M. Mathews

Construction Operations Engineer

I) Contract Bid Amount – \$4,069,200.00

J) Engineer's Estimate – \$3,650,000.00

K) Final Contract Amount – \$4,696,929.19

L) Contract Time –

Date of Award:	September 13, 2005
Notice to Proceed:	October 31, 2005
Original Completion Date:	September 4, 2007
Extensions Granted:	388 calendar days
Revised Completion Date:	September 26, 2008
Substantial Completion Date:	September 26, 2008
Date of Final Completion:	September 26, 2008

M) Contractor –

Virgin Islands Paving, Inc.
13-GA Estate Bethlehem, Kingshill
St. Croix, VI 00851

SBC

N) Subcontractors –

Addison Construction & Maintenance, Inc. –

SBC/DBE

Structural concrete for bridge foundations
Concrete bridge railing (with steel handrail)
30-inch pipe culvert
Guardrail
Barbed wire fence and gate
Chain link fence and gate
Sign installation
Clearing and grubbing

Original contract amount - \$480,325.70

Final contract amount - \$530,473.52

Lake's Trucking/Equipment Rental & Road Striping –
Thermoplastic pavement markings

LBC

Original contract amount - \$8,466.00

Final contract amount - \$15,891.18

A & J Fencing –
Chain link fencing

LBC

Original contract amount - \$8,500.00

Final contract amount - \$12,990.18

O) Construction Engineering Costs –

EFLHD PE Costs: \$ 255,479.50
EFLHD CE Costs: \$1,561,754.98
Total Costs: \$1,817,234.48

Percent of Final Contract Amount: 38.7 percent

P) Maintaining Agency –

Virgin Islands Department of Public Works – St. Croix

III) CONSTRUCTION

A) Materials –

Item 30101Z, Aggregate Base, Grading C or D

Supplied by Heavy Materials from their St. Croix, Virgin Islands quarry
Maximum Dry Density = 139.7 pounds per cubic foot
Optimum Moisture = 6.4 percent

Sieves	Target Value Range (Percent Passing)	Target Value (Percent Passing)	Allowable Deviation (Percent)	Specification (Percent Passing)
50.0 mm (2")	100	100	-	100
25 mm (1")	80-100	94	±6	88-100
19. mm (3/4")	64-94	86	±6	80-92
9.5 mm (3/8")	40-69	69	±6	63-75
4.75 mm (#4)	31-54	51	±6	45-57
75 µ (#200)	4.0-7.0	13.4	±3	16.4

Item 40101BD, Hot Asphalt Concrete Pavement, Class B, Grading D and
Item 40101BED, Hot Asphalt Concrete Pavement, Class B, Grading E

Supplied by Virgin Islands Paving, Inc., from their St. Croix, Virgin Islands plant
Design Asphalt Content = 4.8 percent
Theoretical Maximum Density = 156.2 pounds per cubic foot

Liquid AC – Grade Pen 60/70
Supplied by PVDSA Petroleo, S.A.
Bajo Grande Port, Venezuela

Coarse Aggregate (#67-10 stone) supplied by Heavy Materials St. Croix, VI
Specific Gravity = 2.726 grams per cubic centimeter

Fine Aggregate (#10 stone dust) supplied by Heavy Materials St. Croix, VI
Specific Gravity = 2.809 grams per cubic centimeter

Medium Aggregate (#8 stone) supplied by Heavy Materials St. Croix, VI –
Specific Gravity = 2.748 grams per cubic centimeter

Item 55201F, Structural Concrete, Class A

Supplied by Heavy Materials from their St. Croix, Virgin Islands plant
Design Strength = 4,000 psi
Actual Average Concrete Strength = 4,408 psi

Cement (Cemento Caribe Type 1)
Supplied by Holcim Cement
Puerto Cumarebo, Venezuela

Fine Aggregate #1 (Barbuda Sand) from Barbuda

Fine Aggregate #2 (Manufactured Coarse Sand)
Supplied by Heavy Materials
St. Croix, Virgin Islands

Coarse Aggregate #1 (#57 Crushed Stone)
Supplied by Heavy Materials
St. Croix, Virgin Islands

Coarse Aggregate #2 (#8 Crushed Stone)
Supplied by Heavy Materials
St. Croix, Virgin Islands

Water supplied from Springfield Quarry in St. Croix, Virgin Islands

Air Entrainment (Conplast PA 21) supplied by Fosroc

Water Reducer (Conplast RP 264) supplied by Fosroc

Water Reducer, High Range (Conplast SP 430) supplied by Fosroc

Hydration Stabilizer (Delvco ESC)
Supplied by Master Builders
Cleveland, Ohio

Sieves	Target Value (Percent Passing)	Allowable Deviation (Percent)	Specification (Percent Passing)
19.0 mm (3/4")	100		100
12.5 mm (1/2")	97		97-100
9.5 mm (3/8")	92		
4.75 mm (#4)	62	±6	56-68
2.36mm (#8)	41	±6	35-47
1.18 mm (#16)	28	±6	
600 µm (#30)	22	±4	18-26
300 µm (#50)	17	±3	14-20
75 µm (#200)	10.9	±2	8.9-12.9

Item 55401, Reinforcing Steel
Supplied by Gerdau Ameristeel
Jacksonville, Florida

B) Experimental or New Features – None

C) Changes and Problems –

1) Changes

Contract Modification (CM) No. 001 addressed the reduction of the scope of the archeological monitoring required during excavation for the bridge footings; the placement of 3,000 psi concrete below both Highway 73 bridge abutment footings to provide for adequate bearing capacity; and the placement of 3,000 psi concrete below all bridge pier footings for both bridges to provide for scour protection. The contract amount increased by \$91,459.39. This CM has no affect on contract time.

CM No. 002 increased the contract time by 13 calendar days because of the work added under CM No. 001, thus changing the contract completion date to September 17, 2007. This CM had no affect on contract amount.

CM No. 003 changed the typical pavement structure for both the permanent roadways and the temporary detour road because the structure specified in the original plans was inadequate. This CM also changed the detail of the barbed wire fence in the contract to meet the local USDA standards and increased the contract time by 35 working days due to a worldwide cement shortage that delayed the construction of the new bridges. As a result of this time extension, the contract completion date changed from September 17, 2007, to October 22, 2007. This CM increased the contract amount by \$495.00.

CM No. 004 compensated the Contractor for the labor, materials, and time lost because the pier caps for all 4 piers for the Mon Bijou/Glynn Road Bridge had to be redesigned. The contract amount increased by \$8,001.34. This CM also added 20 calendar days to the contract, changing the completion date to November 11, 2007.

CM No. 005 addressed the following issues:

- 1) The Contractor's approved falsework drawings did not indicate where the falsework would be staged; therefore, FHWA assumed 100 percent of the falsework would be installed prior to placing the concrete for the superstructure. With assistance from EFLHD's Bridge Engineer, a staging sequence was developed and approved.
- 2) The original contract assumed that 100 percent of the flood control channel work performed by the Army Corps of Engineers would be completed prior to the construction of the bridges. The projects overlapped and were done by the same contractor. The drop structures and other miscellaneous items of work in the vicinity of the bridges were deleted from the Army Corps of Engineer's project and added to the bridge project.
- 3) A class 3 riprap was placed to line the floor of the flood control channel directly under and immediately upstream of the Highway 73 Bridge.

As a result of these changes, the contract amount increased by \$388,673.98. This CM also added 166 calendar days to the contract, changing the completion date to April 25, 2008.

CM No. 006 increased the quantities of various existing contract items that had overrun, thus adding \$53,430.80 to the contract amount. This CM had no affect on contract time.

CM No. 007 added the construction of a new 12-inch waterline onto the new Highway 73 Bridge. The plans erroneously stated "Future Waterline to be installed by Others." This new item increased the contract amount by \$64,560.00. CM No. 007 also extended the contract by 91 calendar days, thus changing the completion date to July 25, 2008.

CM No. 008 added tie-backs and a gabion basket slope stabilization system to stabilize the steep slope at the northwest corner of the Mon Bijou/Glynn Road Bridge and increased the quantities of various existing contract items that had overrun. These changes resulted in an increase of \$78,561.78 to the contract. This CM also increased contract time by 21 calendar days, for a new completion date of August 15, 2008.

CM No. 009 adjusted, increased or decreased, the quantities of several existing contract items that had overrun or underrun and assessed a pay factor of 96 percent to the following three pay items because of failing test results:

Item 30101Z, Aggregate Base, Grading C or D

Item 40101BD, Hot Asphalt Concrete Pavement, Class B, Grading D

Item 40101BED, Hot Asphalt Concrete Pavement, Class B, Grading E,
Type 4 Pavement Smoothness

This CM decreased the contract amount by \$57,453.10 and extended contract time by 42 calendar days, changing the contract completion date to September 26, 2008.

Summary of Significant Overruns and Underruns

Item 20101, Clearing and Grubbing - Significant clearing and grubbing at the Mon Bijou/Glynn Road site was anticipated during design, but none was required. This item underran by 1.25 acres, or 83.3 percent of the original contract amount.

Item 20303PA, Removal of Asphalt Pavement - It was anticipated that all existing asphalt pavement would be removed. However, the only pavement that was removed was where the height of embankment placed was less than 2 feet. This resulted in a decrease of 2,691.28 square yards, or 67.3 percent.

Item 20409, Embankment Construction - Due to an error in the contract plans, the original contract quantity was increased from 3,700 to 4,900 cubic yards on CM No. 003 to provide for an increase in asphalt thickness for the permanent roadway and the temporary detour roadway. CM No. 006 further increased the quantity from 4,900 to 5,400 cubic yards to meet the plan finished grades as existing survey information was in error. The quantity was again (incorrectly) increased on CM No. 008 from 2,100 to 2,400 cubic yards (actual increase was from 5,400 to 5,700 cubic yards – see last paragraph of this section) for additional slope stabilization at the Mon Bijou/Glynn Road bridge. Final quantity of 7,272 cubic yards included the 1,571 cubic yards from Item 20409, Embankment Construction (For Levee Construction). Total overrun was 3,572 cubic yards, or 96.5 percent of the original contract amount.

Item 20409, Embankment Construction (For Levee Construction) - When the Contractor took cross sections to determine the final quantity of embankment for payment, they included the quantity for the levee. Most of the levee quantity was included in the roadway embankment quantity (see above item). Total underrun was 1,571 cubic yards, or 74.8 percent.

Item 20409, Embankment Construction (Levee Fill) - CM No. 005 added this item, with a quantity of 414.81 cubic yards, to the contract to perform work transferred from the Army Corps of Engineers flood control channel project. When the Contractor took cross sections to determine the final quantity of embankment for payment, they included the quantity for the levee. The quantity for this item underran by 414.81 cubic yards, or 100 percent of the original CM amount.

Item 20701DA, Earthwork Geotextile, Type IV-A - CM No. 005 added this item, with a quantity of 3,889 square yards, to the contract to perform work transferred from the Army Corps of Engineers flood control channel project. CM No. 008 further increased the quantity from 3,889 to 4,270 cubic yards for additional slope stabilization at the Mon Bijou/Glynn Road Bridge. Actual quantity necessary for project completion was 4,785 square yards. The quantity for this item overran by 896 square yards, or 23 percent of the original CM amount.

Item 20801, Structure Excavation - The original contract quantity was increased from 1,748 to 2,081.7 cubic yards on CM No. 001 for placement of concrete below bent footings for increased bearing capacity. CM No. 008 further (incorrectly) increased the quantity from 1,748 to 2,048 cubic yards (actual increase was from 2,081.7 to 2,381.7 cubic yards – see last paragraph of this section) for additional slope stabilization at the Mon Bijou/Glynn Road bridge. Final quantity was 2,369.62 cubic yards, an overrun of 621.62 cubic yards, or 35.5 percent of the original contract amount.

Item 21101, Roadway Obliteration - Due to right-of-way problems, the temporary detour road as depicted in the original plans was shortened, resulting in less of it to remove. The original contract quantity of 4,250 square yards underran by 2,315 square yards, or 54.47 percent.

Item 25101B, Placed Riprap, Class 2 - The original contract quantity of 15 cubic yards was increased to 59 cubic yards on CM No. 008 to prevent erosion of the ditch line by runoff water from Station 98+65 to Station 102+50 left, Mon Bijou/Glynn Road Bridge. Final quantity was 53.67 cubic yards, an overrun of 38.67 cubic yards, or 257.8 percent.

Item 25101C, Placed Riprap, Class 3 (Under Bridge Deck) - CM No. 005 added this item, with a quantity of 197 cubic yards, to the contract to line the floor of the flood control channel to protect the bridge piers from scour. This item underran by 37 cubic yards, or 18.8 percent of the original CM amount.

Item 25303, Gabions, Galvanized or Aluminized Coated - CM No. 005 added this item, with a quantity of 1,366.22 cubic yards, to the contract to perform work transferred from the Army Corps of Engineers flood control

channel project. CM No. 008 further increased the quantity from 1,366.22 to 1,493.22 cubic yards for additional slope stabilization at the Mon Bijou/Glynn Road Bridge. Actual quantity necessary for project completion was 1,519.11 cubic yards. The quantity for this item overran by 152.89 cubic yards, only 11.2 percent of the original CM amount, but a net increase of \$27,650.15.

Item 30101Z, Aggregate Base, Grading C or D - The original contract quantity was increased from 1,910 tons to 2,030 tons on CM No. 003 to correct an error in the plans. The plans provided for 4 inches subbase for the temporary detour road at the Highway 73 site, but should have actually been 6 inches thick. The CM No. 009 increase of 571.65 tons was due to additional aggregate base needed to extend the limit of work at both ends of the Mon Bijou/Glynn Road where pavement had to be replaced. The final quantity of 2,601.65 tons overran by 691.65 tons, or 36.2 percent of the original contract amount.

Item 40101BD, Hot Asphalt Concrete Pavement, Class B, Grading D - This item, with a quantity of 700 tons, was added to the contract by CM No. 003. It had a significant underrun because Item 40101BED was used to pay for the temporary asphalt for the detour road. The temporary asphalt should have been paid under this item, but it did not exist at the time. This item underran by 294.94 tons, or 42.13 percent of the original CM amount.

Item 40101BED, Hot Asphalt Concrete Pavement, Class B, Grading E, Type 4 Pavement Smoothness - The original contract quantity was decreased from 550 to 490 tons on CM No. 003 due to a change in the roadway pavement structure. The Mon Bijou/Glynn Road surface course thickness was revised from 2 inches to 1.5 inches. The quantity was increased from 490 to 600 tons on CM No. 006 to repair potholes from Station 96+00 to Station 100+00, Mon Bijou/Glynn Road. This item also had a significant overrun because it was used to pay for the temporary asphalt for the detour road. The temporary asphalt should have been paid under Item 40101BD, but it did not exist at the time. The final quantity was 845.78 tons, an overrun of 295.8 tons, or 53.8 percent.

Item 61701DAAB, Guardrail System G4, Type 1, Class A (Wood Posts) - Additional guardrail was required because the location of the roadway relative to the flood control channel at the Mon Bijou/Glynn Road site (Station 101+00 to Station 102+50 left) was too close. A vehicle could leave the roadway and fall down the steep embankment into the flood control channel. The quantity for this item overran by 131.25 linear feet, or 75 percent.

Item 61901BC, Fence, Barbed Wire Type, 4 Strand (new unit price) - This item, with a quantity of 550 linear feet, was added to the contract by CM No. 003. Actual quantity required for project completion was 880 linear feet. Total overrun was 330 linear feet, or 60 percent of the original CM quantity.

Item 61901CJ, Fence, Chain Link Type, 84-Inch Height - The original contract quantity of 580 linear feet was overestimated. The quantity for this item underran by 481 linear feet, or 83 percent.

Item 61902BG, Gate, Metal Type, 14-Foot Width (Barbed Wire Type, 4 Strand, Single Leaf Opening) - The original contract quantity was increased from 1 each to 3 each on CM No. 008. The Army Corps of Engineers flood control channel plans identified two gates located on the four corners of the Mon Bijou/Glynn Road Bridge. These gates were not included in the FHWA Bridges plans and were required to eliminate pedestrian access to the channel. However, the gate located at the northwest end of the Mon Bijou/Glynn Road Bridge was eliminated because the guardrail was extended by 137.5 feet. There was no room for access to the channel. The final quantity was 2 each, an overrun of 1 each, or 100 percent of the original contract amount.

Item 63401HA, Pavement Markings, Type H, Solid - The original estimated contract quantity was 5,100 linear feet. The final quantity was 10,375 linear feet, an overrun of 5,275 linear feet, or 103.4 percent. The original quantity was increased to meet actual field requirements.

2) Problems

None

D) Recommendations – None

E) Claims – None

IV) CONSTRUCTION ENGINEERING

A) Project Personnel –

Mark Mullholand, Project Engineer/COTR
Tom Jones, Project Engineer

B) Contract Inspection – None

C) Other Contacts –

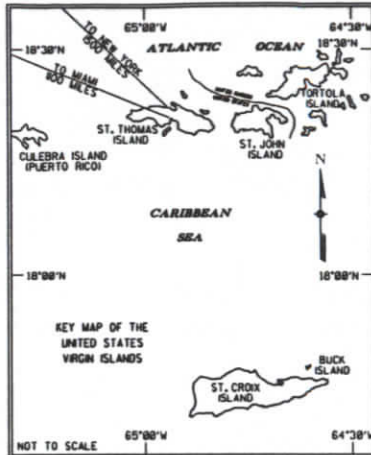
Wenty Nielsen – Virgin Islands Department of Public Works

D) Partnering –

Informal partnering meetings were held weekly throughout the project's duration. During the construction of the bridges, however, formal partnering meetings were held monthly for about 6 months in order to resolve the issues the Contractor had with the staging of the falsework.

THE GOVERNMENT OF THE VIRGIN ISLANDS OF THE UNITED STATES OF AMERICA

REG	STATE	PROJECT	SHEET NO.	TOTAL SHEETS
SE	VI	Q-NH-73(2), 732(1)	A.1	54



ESTATE MON BIJOU BRIDGES

PLANS FOR PROPOSED FEDERAL AID PROJECT Q-NH-73(2), 732(1) CONSTRUCTION OF BRIDGES OVER FLOOD CONTROL CHANNEL ST. CROIX, U.S. VIRGIN ISLANDS

DESCRIPTION OF PROJECT

IMPROVEMENT:
Construction of new bridges along Highway 73 and Mon Bijou/Glynn Road over flood control channel. Other work includes road reconstruction, installation of guardrail, drainage, permanent signing and striping.

ROADWAY	WIDTH	SURFACE	BASE
Highway 73	24 FT.	HACP	Aggreg.
Mon Bijou/Glynn Road	24 FT.	HACP	Aggreg.

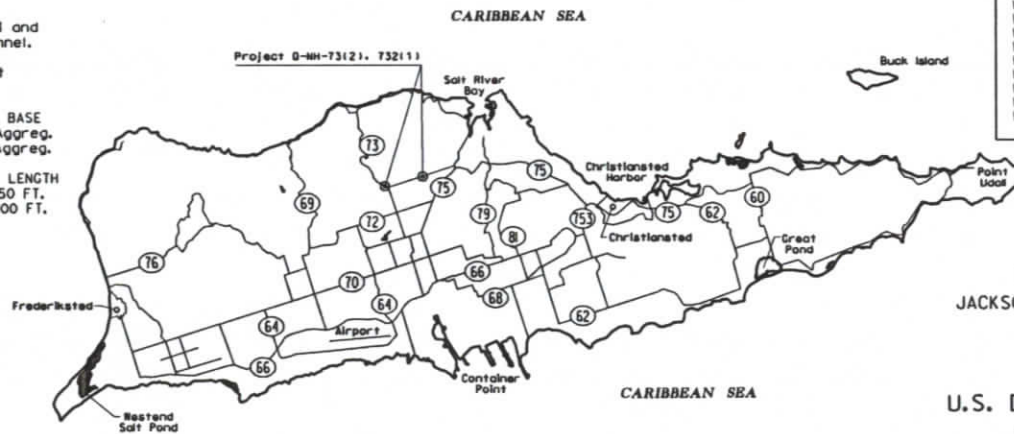
LENGTH	BRIDGE SPAN	PROJ LENGTH
Highway 73	148 FT.	750 FT.
Mon Bijou/Glynn Road	320 FT.	900 FT.

DESIGN DESIGNATION:

ADT(2005).....N/A
ADT(2025).....N/A
DHV.....N/A
D.....50/50
Trucks.....55%
V (posted).....30 mph
V (design).....30 mph
e(max).....0.04
C/A.....None

SPECIFICATIONS:
"Standard Specifications for Construction of Roads and Bridges on Federal Highway Projects", FP-96 English Units and Special Contract Requirements.

NOTE: Unless otherwise noted, all dimensions shown without units are feet.



INDEX TO SHEETS

GENERAL INFORMATION

A1	Title Sheet
A2	Location Map, Survey Information, Road Closures
A3	Disposal Site Area and Access
A4	Tabulation of Quantities
A5	Guardrail Schedule, Fence Schedule
A6	Permanent Sign Schedule

HIGHWAY 73 BRIDGE PLANS

B1	Plan, Profile, and Typical Sections
B2-3	Proposed Cross Sections
B4	Bridge Plan and Elevation
B5-6	End Bent and Intermediate Pier Details
B7-8	Superstructure Reinforcement and Details
B9	Site and Utility Plan - Highway 73

MON BIJOU / GLYNN ROAD BRIDGE PLANS

C1	Plan, Profile, and Typical Sections
C2-4	Proposed Cross Sections
C5	Bridge Plan and Elevation
C6-7	End Bent and Intermediate Pier Details
C8-9	Superstructure Reinforcement and Details

TRAFFIC CONTROL PLANS

D1	Construction Sign Schedule and General Notes
D2	Highway 73 Phase I
D3-4	Highway 73 Phase II and Detour Signing Plan
D5	Route 732 Glynn Road Phasing

STANDARD DRAWINGS AND DETAILS

W1	157: Erosion and Sediment Control Details
W2	204: Benching Detail
W3	251: Loose Riprap Channel
W4	253: Gabion Drop Structure and Revetment Details
W5	401: Pavement Details
W6	501: Low Water Crossing
W7-10	602: Culvert Details
W11-18	617: Guardrail Details
W19-21	619: Fence and Gate Details
W22	633: Sign Structure Details
W23-25	635: Traffic Control Details

PLANS PREPARED BY

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

PROJECT ADMINISTERED BY

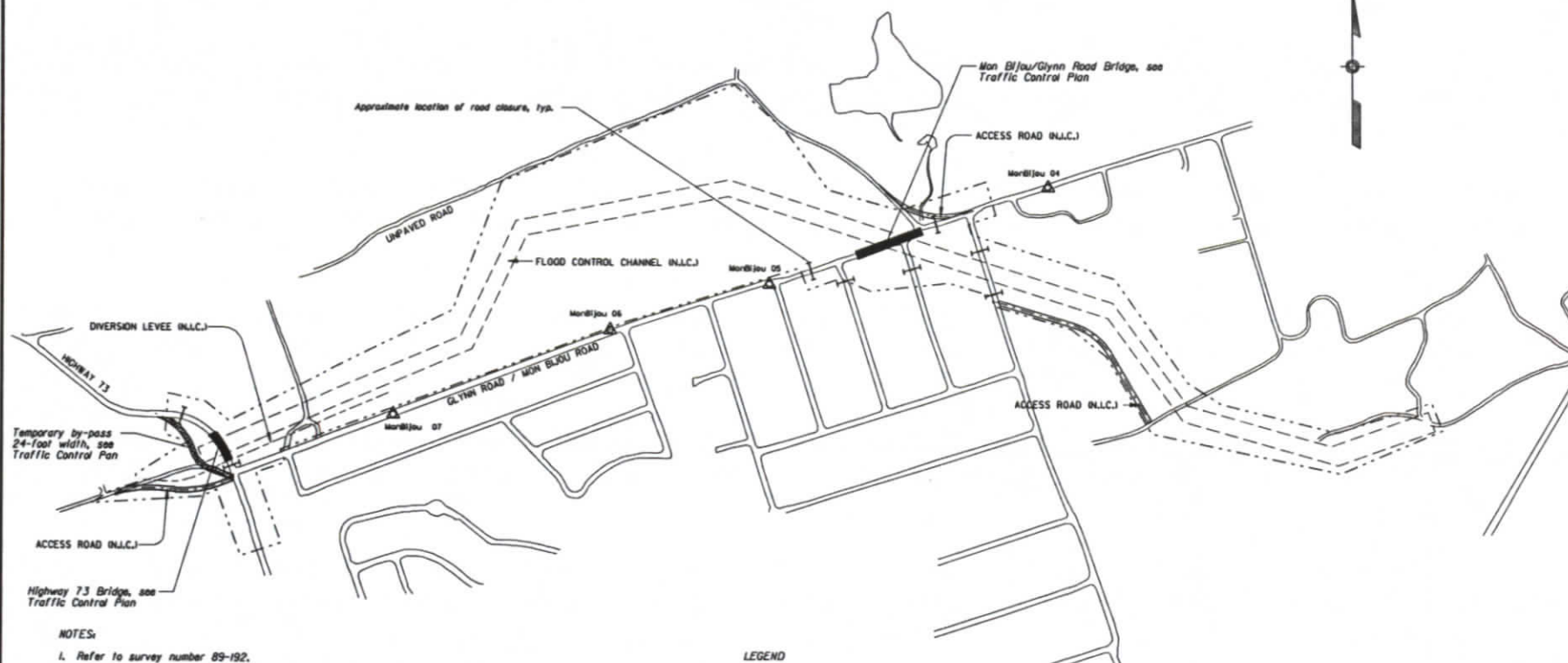
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION
STERLING, VIRGINIA

JULY 2005

PROJECT MANAGER	BRIDGE TEAM LEADER	HIGHWAY ENGINEER	STRUCTURAL ENGINEER
STEVE ARNOLD	GARY JAKOWICH	MARK HOOVER	ARVIND PATEL

REG	STATE	PROJECT	SHEET NO.
SE	VI	0-99-73(2), 732(1)	A.2

CONTROL MONUMENTS			
DESIGNATION	EASTING (X)	NORTHING (Y)	ELEV.
MONBIJOU 04	1,076,221.453	74,807.876	116.661
MONBIJOU 05	1,074,927.558	74,354.942	180.323
MONBIJOU 06	1,074,189.595	74,140.823	184.115
MONBIJOU 07	1,073,178.447	73,744.619	157.138



NOTES:

1. Refer to survey number 89-192.
2. Elevations are in feet and tenths and refer to Virgin Islands USGS mean sea level datum of 1927 (labeled as MVDL).
3. Plane coordinates are based on the Lambert Projection for the Virgin Islands and Puerto Rico.
4. The existing conditions depicted on these drawings represent the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time.
5. The survey data was obtained with a wild T1000 total station with a Di-1000 EDM and a CMT MC-II data collector. Survey dates are May through July 1990.
6. Refer to field books "90 St. Croix U.S.V.I. 26 through 33".
7. The locations of the work site disposal area and access are shown on the Disposal Site Area and Access sheet.
8. Refer to Traffic Control Plan for more information on road closures and construction phasing.

LEGEND

- N.I.C. - Not in Contract
- - Right Of Way
- - Flood Control Channel
- ▲ - Control Point

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

ESTATE MON BIJOU BRIDGES

LOCATION MAP
SURVEY INFORMATION
ROAD CLOSURES

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



Approximate location.
Place sign per MUTCD
or as directed by CO.

PLAN



MON BIJOU ROAD / GLYNN ROAD

STRIPING LIMITS:
STA. 100+00 TO 109+00

NOTE:

1. UNPAVED SHOULDER WIDENS FROM 4-FT TO 6-FT FROM STA. 101+50 TO 106+50
2. REFER TO DETAIL E617-A FOR TYPICAL SECTION AT GUARDRAIL SECTIONS.

HORIZONTAL CURVE DATA

CURVE NO. 1

CURVE NO. 2

NO SCALE
UNLESS NOTED OTHERWISE

Sverdrup
CORPORATION

DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
JACKSONVILLE, FLORIDA

ESTATE MON BLON
ST. CROIX, U. S. VIRGIN ISLANDS
BRIDGES

MON BIJOU ROAD BRIDGE
PLAN AND PROFILE

REV. NO.	SIZE	C-1
DATED	F	

SCALEAS SHOWN	DATE	AUGUST
FILE NUMBER	109-36,491	

6/28/2005 12:43:39 PM M:\Pro [ect]s\illigat_cord\Acron_M [y]ouAp[ro]_de-NCADONE.F\LHD\MDM7.2.DON

TABULATION OF BIDS

Schedule: A
 Project No.: Q-NH-73(2), 732(1)
 Project Name: ESTATE MON BIJOU BRIDGES

State: VI
 County:
 ST. CROIX, USVI

Opened at: St. Croix, USVI
 By: P. Schaad
 Date: 08/25/05

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

Signed: Peggy L. Schaad

Title: Contract Specialist Date: 8/29/05

Contract Awarded to: Virgin Islands Paving, Inc. Date:

Contractor	Bid Amount	Responsive
Virgin Islands Paving, Inc. P. O. Box 4720 Kingshill, VI 00851	4,069,200.00	
Tip Top Construction P. O. Box 24933 GBS Christiansted, VI 00824	(4,900,561.00)	No
Engineer's Estimate	3,650,000.00	

TABULATION OF BIDS

Date: 08/29/05

Schedule: A

Project No.: Q-NH-73 (2), 732 (1)

Project Name: ESTATE MON BIJOU BRIDGES

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
15101	LPSM	MOBILIZATION			
	Virgin Islands Paving, Inc.		ALL	364,917.50	364,917.50
	Tip Top Construction			796,631.00	796,631.00
	ENGINEER'S ESTIMATE			241,490.00	241,490.00
15201	LPSM	CONSTRUCTION SURVEY AND STAKING			
	Virgin Islands Paving, Inc.		ALL	50,000.00	50,000.00
	Tip Top Construction			30,000.00	30,000.00
	ENGINEER'S ESTIMATE			15,000.00	15,000.00
15401	LPSM	CONTRACTOR TESTING			
	Virgin Islands Paving, Inc.		ALL	30,000.00	30,000.00
	Tip Top Construction			25,000.00	25,000.00
	ENGINEER'S ESTIMATE			79,000.00	79,000.00
15401	LPSM	CONTRACTOR TESTING (ARCHAEOLOGICAL MONITORING AND PROTECTION)			
	Virgin Islands Paving, Inc.		ALL	15,000.00	15,000.00
	Tip Top Construction			52,000.00	52,000.00
	ENGINEER'S ESTIMATE			10,000.00	10,000.00
15740	LPSM	EROSION AND SEDIMENT CONTROL			
	Virgin Islands Paving, Inc.		ALL	25,000.00	25,000.00
	Tip Top Construction			38,500.00	38,500.00
	ENGINEER'S ESTIMATE			8,500.00	8,500.00
20101	ACRE	CLEARING AND GRUBBING			
	Virgin Islands Paving, Inc.		1.5	2,500.00	3,750.00
	Tip Top Construction			5,000.00	7,500.00
	ENGINEER'S ESTIMATE			6,500.00	9,750.00
20303PA	SQYD	REMOVAL OF ASPHALT PAVEMENT			
	Virgin Islands Paving, Inc.		4,000	11.00	44,000.00
	Tip Top Construction			15.00	60,000.00
	ENGINEER'S ESTIMATE			13.50	54,000.00
20409	CUYD	EMBANKMENT CONSTRUCTION			
	Virgin Islands Paving, Inc.		3,700	28.00	103,600.00
	Tip Top Construction			37.80	139,860.00
	ENGINEER'S ESTIMATE			24.00	88,800.00

TABULATION OF BIDS

Date: 08/29/05

Schedule: A

Project No.: Q-NH-73 (2), 732 (1)

Project Name: ESTATE MON BIJOU BRIDGES

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
20409	CUYD	EMBANKMENT CONSTRUCTION (FOR LEVEE CONSTRUCTION)			
	Virgin Islands Paving, Inc.		2,100	28.00	58,800.00
	Tip Top Construction			45.00	94,500.00
	ENGINEER'S ESTIMATE			24.00	50,400.00
20801	CUYD	STRUCTURE EXCAVATION			
	Virgin Islands Paving, Inc.		1,748	35.00	61,180.00
	Tip Top Construction			65.00	113,620.00
	ENGINEER'S ESTIMATE			40.00	69,920.00
21101	SQYD	ROADWAY OBLITERATION			
	Virgin Islands Paving, Inc.		4,250	7.00	29,750.00
	Tip Top Construction			10.00	42,500.00
	ENGINEER'S ESTIMATE			16.00	68,000.00
25101B	CUYD	PLACED RIPRAP, CLASS 2			
	Virgin Islands Paving, Inc.		15.0	300.00	4,500.00
	Tip Top Construction			500.00	7,500.00
	ENGINEER'S ESTIMATE			210.00	3,150.00
25303	CUYD	GABIONS, GALVANIZED OR ALUMINIZED COATED (REMOVE AND RESET)			
	Virgin Islands Paving, Inc.		108	350.00	37,800.00
	Tip Top Construction			350.00	37,800.00
	ENGINEER'S ESTIMATE			210.00	22,680.00
30101Z	TON	AGGREGATE BASE, GRADING C OR D			
	Virgin Islands Paving, Inc.		1,910	65.00	124,150.00
	Tip Top Construction			87.00	166,170.00
	ENGINEER'S ESTIMATE			50.00	95,500.00
30104B	TON	SUBBASE, GRADING B			
	Virgin Islands Paving, Inc.		3,700	37.00	136,900.00
	Tip Top Construction			0.00	0.00
	ENGINEER'S ESTIMATE			40.00	148,000.00
40101BED	TON	HOT ASPHALT CONCRETE PAVEMENT, CLASS B, GRADING E, TYPE 4 PAVEMENT SMOOTHNESS			
	Virgin Islands Paving, Inc.		550	148.00	81,400.00
	Tip Top Construction			250.00	137,500.00
	ENGINEER'S ESTIMATE			160.00	88,000.00

TABULATION OF BIDS

Date: 08/29/05

Schedule: A

Project No.: Q-NH-73 (2), 732 (1)

Project Name: ESTATE MON BIJOU BRIDGES

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
55201F	CUYD	STRUCTURAL CONCRETE, CLASS A			
	Virgin Islands Paving, Inc.		1,766	1,030.00	1,818,980.00
	Tip Top Construction			1,100.00	1,942,600.00
	ENGINEER'S ESTIMATE			1,000.00	1,766,000.00
55401	LB	REINFORCING STEEL			
	Virgin Islands Paving, Inc.		341,870	1.25	427,337.50
	Tip Top Construction			1.50	512,805.00
	ENGINEER'S ESTIMATE			1.50	512,805.00
55601A	LNFT	CONCRETE BRIDGE RAILING (WITH STEEL HANDRAIL)			
	Virgin Islands Paving, Inc.		320	271.00	86,720.00
	Tip Top Construction			200.00	64,000.00
	ENGINEER'S ESTIMATE			180.00	57,600.00
55601AC	LNFT	CONCRETE BRIDGE RAILING, NEW JERSEY SAFETY SHAPE			
	Virgin Islands Paving, Inc.		612	330.00	201,960.00
	Tip Top Construction			175.00	107,100.00
	ENGINEER'S ESTIMATE			100.00	61,200.00
56401A	EACH	ELASTOMERIC BEARING DEVICE			
	Virgin Islands Paving, Inc.		30	300.00	9,000.00
	Tip Top Construction			3,750.00	112,500.00
	ENGINEER'S ESTIMATE			150.00	4,500.00
60201N	LNFT	30-INCH PIPE CULVERT (REINFORCED CONCRETE PIPE)			
	Virgin Islands Paving, Inc.		130	180.00	23,400.00
	Tip Top Construction			300.00	39,000.00
	ENGINEER'S ESTIMATE			160.00	20,800.00
60206N	EACH	END SECTION FOR 30-INCH PIPE CULVERT			
	Virgin Islands Paving, Inc.		2	1,200.00	2,400.00
	Tip Top Construction			1,800.00	3,600.00
	ENGINEER'S ESTIMATE			3,800.00	7,600.00
61701DAAB	LNFT	GUARDRAIL SYSTEM G4, TYPE 1, CLASS A (WOOD POSTS)			
	Virgin Islands Paving, Inc.		175.0	37.00	6,475.00
	Tip Top Construction			225.00	39,375.00
	ENGINEER'S ESTIMATE			47.00	8,225.00

TABULATION OF BIDS

Date: 08/29/05

Schedule: A

Project No.: Q-NH-73 (2), 732 (1)

Project Name: ESTATE MON BIJOU BRIDGES

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
61702B	EACH	TERMINAL SECTION, TYPE ROUND END SECTION			
	Virgin Islands Paving, Inc.		4	2,800.00	11,200.00
	Tip Top Construction			1,000.00	4,000.00
	ENGINEER'S ESTIMATE			370.00	1,480.00
61702E	EACH	TERMINAL SECTION, TYPE CRT			
	Virgin Islands Paving, Inc.		2	3,200.00	6,400.00
	Tip Top Construction			2,500.00	5,000.00
	ENGINEER'S ESTIMATE			1,600.00	3,200.00
61702T	EACH	TERMINAL SECTION, TYPE TANGENT TERMINAL			
	Virgin Islands Paving, Inc.		4	3,600.00	14,400.00
	Tip Top Construction			350.00	1,400.00
	ENGINEER'S ESTIMATE			1,800.00	7,200.00
61706	EACH	CONNECTION TO STRUCTURE			
	Virgin Islands Paving, Inc.		6	6,000.00	36,000.00
	Tip Top Construction			1,000.00	6,000.00
	ENGINEER'S ESTIMATE			1,400.00	8,400.00
61901BC	LNFT	FENCE, BARBED WIRE TYPE, 4 STRAND			
	Virgin Islands Paving, Inc.		550	20.00	11,000.00
	Tip Top Construction			10.00	5,500.00
	ENGINEER'S ESTIMATE			5.20	2,860.00
61901CJ	LNFT	FENCE, CHAIN LINK TYPE, 84-INCH HEIGHT			
	Virgin Islands Paving, Inc.		580	31.00	17,980.00
	Tip Top Construction			30.00	17,400.00
	ENGINEER'S ESTIMATE			23.00	13,340.00
61902BG	EACH	GATE, METAL TYPE, 14-FOOT WIDTH (BARBED WIRE TYPE, 4 STRAND, SINGLE LEAF OPENING)			
	Virgin Islands Paving, Inc.		1	3,000.00	3,000.00
	Tip Top Construction			5,000.00	5,000.00
	ENGINEER'S ESTIMATE			1,000.00	1,000.00
61902CH	EACH	GATE, CHAIN LINK TYPE, 16-FOOT WIDTH (DOUBLE LEAF OPENING)			
	Virgin Islands Paving, Inc.		1	4,000.00	4,000.00
	Tip Top Construction			6,500.00	6,500.00
	ENGINEER'S ESTIMATE			1,250.00	1,250.00

TABULATION OF BIDS

Date: 08/29/05

Schedule: A
 Project No.: Q-NH-73 (2), 732 (1)
 Project Name: ESTATE MON BIJOU BRIDGES

Item No.	Item Unit	Item Description	Quantity	Unit Price	Amount
62403	CUYD	FURNISHING AND PLACING TOPSOIL			
	Virgin Islands Paving, Inc.		520	155.00	80,600.00
	Tip Top Construction			200.00	104,000.00
	ENGINEER'S ESTIMATE			60.00	31,200.00
62518	SQYD	TURF ESTABLISHMENT			
	Virgin Islands Paving, Inc.		9,400	5.00	47,000.00
	Tip Top Construction			7.50	70,500.00
	ENGINEER'S ESTIMATE			5.00	47,000.00
63301	EACH	SIGN INSTALLATION			
	Virgin Islands Paving, Inc.		6	400.00	2,400.00
	Tip Top Construction			1,200.00	7,200.00
	ENGINEER'S ESTIMATE			250.00	1,500.00
63401HA	LNFT	PAVEMENT MARKINGS, TYPE H, SOLID			
	Virgin Islands Paving, Inc.		5,100	2.00	10,200.00
	Tip Top Construction			5.00	25,500.00
	ENGINEER'S ESTIMATE			1.50	7,650.00
63501	LPSM	TEMPORARY TRAFFIC CONTROL			
	Virgin Islands Paving, Inc.		ALL	38,000.00	38,000.00
	Tip Top Construction			37,500.00	37,500.00
	ENGINEER'S ESTIMATE			18,000.00	18,000.00
63701	EACH	FIELD OFFICE			
	Virgin Islands Paving, Inc.		1	40,000.00	40,000.00
	Tip Top Construction			35,000.00	35,000.00
	ENGINEER'S ESTIMATE			15,000.00	15,000.00

TABULATION OF BIDS

Date: 08/29/05

Schedule: A

Project No.: Q-NH-73 (2) , 732 (1)

Project Name: ESTATE MON BIJOU BRIDGES

BID TOTAL CHECK PASS

Bidder	Bidder's Bid Amount	Computed Bid Amount	Error
Virgin Islands Paving, Inc.	4,069,200.00	4,069,200.00	
Tip Top Construction	4,900,561.00	4,900,561.00	

The apparent low bidder is 11 % 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 U. S. Department of Transportation Federal Highway Administration Eastern Federal Lands Highway Division 21400 Ridgetop Circle Sterling, Virginia 20166-6511				DATE VOUCHER PREPARED May 24, 2010 CONTRACT NUMBER AND DATE DTFH71-05-C-00030 09/13/2005 REQUISITION NUMBER AND DATE		SCHEDULE NO. PAID BY	
PAYEE'S NAME AND ADDRESS Virgin Islands Paving, Inc. 13-GA Estate Bethlehem Kingshill, VI 00851				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 COST PER	AMOUNT ()		
		Completed Estimate No. 32 - Final Payment of Contract. This is final settlement for the construction of Project VI Q-NH-73(2), 732(1), Estate Mon Bijou Bridges, and final closeout is specifically conditioned upon the execution of the Contractor's Release attached hereto and incorporated herein. By: <u><i>Donald W. Miller</i></u> Title: <u>President</u> Date: <u>3/10/10</u>			JUN - 7 2010 COMMISSION		
(Use continuation sheet(s) if necessary) (Payee must NOT use the space below)					TOTAL \$10,000.00		
PAYMENT: ☐ PROVISIONAL ☐ COMPLETE ☐ PARTIAL ☒ FINAL ☐ PROGRESS ☐ ADVANCE		APPROVED FOR BY ² <u><i>D. W. Miller</i></u> Donald W. Miller TITLE <u>Director, Project Delivery</u>	EXCHANGE RATE = \$ 10,000.00 = \$1.00	DIFFERENCES Amount verified, correct for payment (Signature or initials)			
Pursuant to authority vested in me, I certify that this voucher is correct and proper for payment.							
<u>7/6/10</u> (Date)		<u><i>Donald W. Miller</i></u> (Authorized Certifying Officer)		Financial Manager (Title)			
ACCOUNTING CLASSIFICATION							
Proj 15A578STXBRJ1 Task R40.00.6320.78 Org 1578000000							
PAID BY	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.

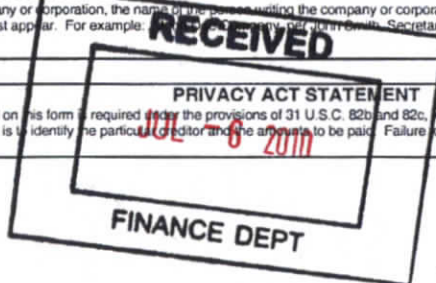
3 When a voucher is receipted in the name of a company or corporation, the name of the person using the company or corporate name, as well as the capacity in which he signs, must appear. For example: "John Doe, Secretary", or "Treasurer", as the case may be.

Previous edition usable

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.

JUN - 7 2010



23



NSN 7540-00-900-2234

DEPARTMENT OF TRANSPORTATION
CONTRACTOR'S RELEASE

CONTRACT NO.
DTFH71-05-C-00030

CONTRACTOR (Name and address)

Virgin Islands Paving, Inc.
13-GA Estate Bethlehem
Kingshill, VI 00851

SUM OF

Ten thousand dollars and zero cents

DOLLARS (\$) 10,000.00

In consideration of the sum stated above, which has been paid or is to be paid to the Contractor, or his 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:

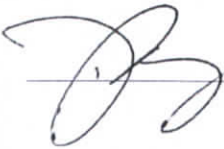
2. Claims, together with reasonable expenses incidental thereto, based upon the liabilities of the Contractor to third parties arising out of the performance of this contract, which are not known to the Contractor on the date of the execution of this release and of which the Contractor gives notice in 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 he will comply with all provisions of the said contract, including without limitation those provisions relating to notifications to the Contracting Officer and relating to the defense or prosecution of litigation.

IN WITNESS WHEREOF, this release has been executed this 3 day of JUNE 2010

WITNESSES



Virgin Islands Paving, Inc.

(Contractor)

BY



TITLE

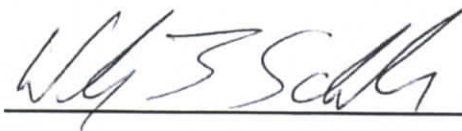
PRESIDENT

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

CERTIFICATE

I, William J. Schierloh, certify that I am the _____ secretary of the corporation named as Contractor in the foregoing release; that Robert Schierloh who signed said release on behalf of the Contractor was then President of said corporation; that said 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.

(CORPORATE SEAL)



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

batch #
cntrl #

VI Q-NH-73(2), 732(1) - ESTATE MON BIJOU BRIDGES

Construction of new bridges along Highway 73 and Mon Bijou/Glynn Road over flood control channel. Other work includes road reconstruction, installation of guardrail, drainage, permanent signing and striping.

TO: VIRGIN ISLANDS PAVING, INC.
P. O. BOX 4720
KINGSHILL, VI 00851

CONSTRUCTION SUMMARY

For work performed up to and including November 18, 2008

TOTAL AMOUNT EARNED TO DATE	\$4,696,929.19
*ADJUSTMENTS	\$0.00
TOTAL PAYMENTS APPROVED TO DATE	\$4,696,929.19
TOTAL PAYMENTS PREVIOUSLY PAID	\$4,686,929.19
AMOUNT TO BE PAID THIS ESTIMATE	\$10,000.00

*ADJUSTMENTS
\$10,000.00 held for verification of final quantities
Estimate # 31 returned Final Estimate # 32.

*DTFH71-05-C-00030
FINAL ESTIMATE # 32

FINAL ESTIMATE # 32
PERIOD THROUGH 11/18/08

CONTRACT NUMBER: DTFH71-05-C-00030
AWARD DATE: September 15, 2005

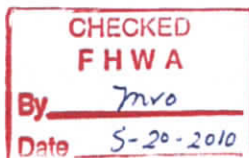
STATE Virgin Islands
COUNTIES St. Croix
FOREST OR PARK n/a

LENGTH 0.31 miles

This estimate submitted 07/14/09 by
Mark Mullholand, Project Engineer

I certify that the quantities shown herein are supported
by measurements and/or weighings made in accordance
with provisions of the contract, and that contractor's
payrolls have been submitted as prescribed.

ACCOUNT NUMBER	EXPEND	LIQUIDATE
PROJ: 151578STXBRJ1; TASK: 540.00.6320.78; ORG: 1578000000	\$0.00	
PROJ: 15A578STXBRJ1; TASK: R40.00.6320.78; ORG: 1578000000	\$10,000.00	
TOTAL	\$10,000.00	



James M. Mathews date: 06/17/10
James M. Mathews, Construction Operations Engineer
Concur in estimate
Thomas J. Scott, Jr. date: 6/30/10
Thomas J. Scott, Jr., Construction Engineer
Approve for payment
Clarence Jenkins date: 7/1/10
Clarence Jenkins, Financial Manager
Certify funds available

VI Q-NH-73(2), 732(1) - ESTATE MON BIJOU BRIDGES - FINAL ESTIMATE # 32

ITEM NO.	DESCR.	CONTRACTED					FINAL QUANTITIES				TOTAL CHANGE	PERCENT VARIATION	OVERRUN QUANTITY	
		QUANTITY	CM	AMENDED	UNIT	UNIT PRICE	AMOUNT	CURRENT	PREVIOUS	TO DATE				AMOUNT
15101	MOBILIZATION	100.000		100.000	LPSM	\$364,917.50	\$364,917.50	0.000	100.000	100.000	\$364,917.50	0.00	0.00	0
15201	CONSTRUCTION SURVEY AND STAKING	100.000		100.000	LPSM	\$50,000.00	\$50,000.00	0.000	100.000	100.000	\$50,000.00	0.00	0.00	0
15401	CONTRACTOR TESTING	100.000		100.000	LPSM	\$30,000.00	\$30,000.00	0.000	100.000	100.000	\$30,000.00	0.00	0.00	0
15401	CONTRACTOR TESTING (ARCHAEOLOGICAL MONITORING AND PROTECTION) (CM #0001, 09/07/06, delete lpsm quantity)	100.000	-100.000	0.000	LPSM	\$15,000.00	\$15,000.00	0.000	0.000	0.000	\$0.00	-100.00	-100.00	0
15401	CONTRACTOR TESTING (ARCHAEOLOGICAL MONITORING AND PROTECTION) (new unit price)		100.000	100.000	LPSM	\$9,209.20	\$9,209.20	0.000	100.000	100.000	\$9,209.20	0.00	0.00	0
15740	EROSION AND SEDIMENT CONTROL	100.000		100.000	LPSM	\$25,000.00	\$25,000.00	0.000	100.000	100.000	\$25,000.00	0.00	0.00	0
20101	CLEARING AND GRUBBING (CM #0009, 06/08/10, decrease quantity 1.25 acre)	1.500	-1.250	0.250	ACRE	\$2,500.00	\$625.00	0.000	0.250	0.250	\$625.00	-1.25	-83.33	0
20303PA	REMOVAL OF ASPHALT PAVEMENT (CM #0009, 06/08/10, decrease quantity 2691.28 sqyd)	4000.000	-2691.280	1308.720	SQYD	\$11.00	\$14,395.92	0.000	1308.720	1308.720	\$14,395.92	-2691.28	-67.28	0
20401	CM #0005, 03/12/08, ROADWAY EXCAVATION (CHANNEL EXCAVATION) [CM #0005 incorrect Item No. 20499, Channel Excavation, corrected to Item No. 20401, Roadway Excavation (Channel Excavation), on CM #0009]		485.220	485.220	CUYD	\$9.75	\$4,730.90	0.000	485.220	485.220	\$4,730.90	0.00	0.00	0
20409	EMBANKMENT CONSTRUCTION (CM #0003, 07/19/07, increase quantity 1200 cuyd; CM #0006, 06/11/08, further increase quantity 500 cuyd; CM #0008, 08/07/08, further increase quantity 300 cuyd; CM #0009, 06/08/10, further increase quantity 1572 cuyd)	3700.000	3572.000	7272.000	CUYD	\$28.00	\$203,616.00	0.000	7272.000	7272.000	\$203,616.00	3572.00	96.54	0
20409	EMBANKMENT CONSTRUCTION (FOR LEVEE CONSTRUCTION) (CM #0009, 06/08/10, decrease quantity 1571 cuyd)	2100.000	-1571.000	529.000	CUYD	\$28.00	\$14,812.00	0.000	529.000	529.000	\$14,812.00	-1571.00	-74.81	0

VI Q-NH-73(2), 732(1) - ESTATE MON BIJOU BRIDGES - FINAL ESTIMATE # 32

ITEM NO.	DESCR.	CONTRACTED						FINAL QUANTITIES				TOTAL CHANGE	PERCENT VARIATION	OVERRUN QUANTITY
		QUANTITY	CM	AMENDED	UNIT	UNIT PRICE	AMOUNT	CURRENT	PREVIOUS	TO DATE	AMOUNT			
20409	CM #0005, 03/12/08, EMBANKMENT CONSTRUCTION (LEEVE FILL) (CM #0009, 06/08/10, decrease quantity 414.81 cuyd)		0.000	0.000	CUYD	\$9.11	\$0.00	0.000	0.000	0.000	\$0.00	-414.81	-100.00	0
20701DA	CM #0005, 03/12/08, EARTHWORK GEOTEXTILE, TYPE IV-A (CM #0008, 08/07/08, increase quantity 381 sqyd; CM #0009, 06/08/10, further increase quantity 515 sqyd)	4785.000		4785.000	SQYD	\$2.43	\$11,627.55	0.000	4785.000	4785.000	\$11,627.55	896.00	23.04	0
20801	STRUCTURE EXCAVATION (CM #0001, 09/07/06, increase quantity 333.7 cuyd; CM #0008, 08/07/08, further increase quantity 300 cuyd; CM #0009, 08/08/10, decrease quantity 12.08 cuyd)	1748.000	621.620	2369.620	CUYD	\$35.00	\$82,936.70	0.000	2369.620	2369.620	\$82,936.70	621.62	35.56	0
21101	ROADWAY OBLITERATION (CM #0009, 06/08/10, decrease quantity 2315 sqyd)	4250.000	-2315.000	1935.000	SQYD	\$7.00	\$13,545.00	0.000	1935.000	1935.000	\$13,545.00	-2315.00	-54.47	0
25101B	PLACED RIPRAP, CLASS 2 (CM #0008, 08/07/08, increase quantity 44 cuyd; CM #0009, 06/08/10, decrease quantity 5.33 cuyd)	15.000	38.670	53.670	CUYD	\$300.00	\$16,101.00	0.000	53.670	53.670	\$16,101.00	38.67	257.80	0
25101C	CM #0005, 03/12/08, PLACED RIPRAP, CLASS 3 (CM #0008, 08/07/08, increase quantity 72 cuyd)	405.000		405.000	CUYD	\$119.00	\$48,195.00	0.000	405.000	405.000	\$48,195.00	72.00	21.62	0
25101C	CM #0005, 03/12/08, PLACED RIPRAP, CLASS 3 (UNDER BRIDGE DECK) (CM #0009, 06/08/10, decrease quantity 37 cuyd)	160.000		160.000	CUYD	\$238.00	\$38,080.00	0.000	160.000	160.000	\$38,080.00	-37.00	-18.78	0
25303	GABIONS, GALVANIZED OR ALUMINIZED COATED (REMOVE AND RESET) (CM #0009, 06/08/10, decrease quantity 8 cuyd)	108.000	-8.000	100.000	CUYD	\$350.00	\$35,000.00	0.000	100.000	100.000	\$35,000.00	-8.00	-7.41	0
25303	CM #0005, 03/12/08, GABIONS, GALVANIZED OR ALUMINIZED COATED (CM #0008, 08/07/08, increase quantity 127 cuyd; CM #0009, 06/08/10, further increase quantity 25.89 cuyd)	1519.110		1519.110	CUYD	\$180.85	\$274,731.04	0.000	1519.110	1519.110	\$274,731.04	152.89	11.19	0

VI Q-NH-73(2), 732(1) - ESTATE MON BIJOU BRIDGES - FINAL ESTIMATE # 32

ITEM NO.	DESCR.	CONTRACTED						FINAL QUANTITIES				TOTAL CHANGE	PERCENT VARIATION	OVERRUN QUANTITY
		QUANTITY	CM	AMENDED	UNIT	UNIT PRICE	AMOUNT	CURRENT	PREVIOUS	TO DATE	AMOUNT			
30101Z	AGGREGATE BASE, GRADING C OR D (CM #0003, 07/19/07, increase quantity 120 ton; CM #0009, 06/08/10, further increase quantity 571.85 ton)	1910.000	691.850	2601.650	TON	\$85.00	\$169,107.25	0.000	2601.650	2601.650	\$169,107.25	691.65	36.21	0
	CM #0009, 06/08/10, PAY FACTOR 0.96 FOR MATERIALS TESTING RESULTS, 4% REDUCTION IN UNIT PRICE		2601.650	2601.650	TON	-\$2.60	-\$6,764.29	0.000	2601.650	2601.650	-\$6,764.29	0.00	0.00	0
30104B	SUBBASE, GRADING B (CM #0003, 07/19/07, decrease quantity 3700 ton)	3700.000	-3700.000	0.000	TON	\$37.00	\$0.00	0.000	0.000	0.000	\$0.00	-3700.00	-100.00	0
40101BD	CM #0003, 07/19/07, HOT ASPHALT CONCRETE PAVEMENT, CLASS B, GRADING D (CM #0009, 06/08/10, decrease quantity 294.94 ton)		405.060	405.060	TON	\$145.00	\$58,733.70	0.000	405.060	405.060	\$58,733.70	-294.94	-42.13	0
	CM #0009, 06/08/10, PAY FACTOR 0.96 FOR MATERIALS TESTING RESULTS, 4% REDUCTION IN UNIT PRICE		405.060	405.060	TON	-\$5.80	-\$2,349.35	0.000	405.060	405.060	-\$2,349.35	0.00	0.00	0
40101BED	HOT ASPHALT CONCRETE PAVEMENT, CLASS B, GRADING E, TYPE 4 PAVEMENT SMOOTHNESS (CM #0003, 07/19/07, decrease quantity 60 ton; CM #0006, 06/11/08, increase quantity 110 ton; CM #0009, 06/08/10, further increase quantity 245.78 ton)	550.000	295.780	845.780	TON	\$148.00	\$125,175.44	0.000	845.780	845.780	\$125,175.44	295.78	53.78	0
	CM #0009, 06/08/10, PAY FACTOR 0.96 FOR MATERIALS TESTING RESULTS, 4% REDUCTION IN UNIT PRICE		845.780	845.780	TON	-\$5.92	-\$5,007.02	0.000	845.780	845.780	-\$5,007.02	0.00	0.00	0
41202	CM #0003, 07/19/07, TACK COAT	500.000		500.000	GAL	\$5.65	\$2,825.00	0.000	500.000	500.000	\$2,825.00	0.00	0.00	0
55201F	STRUCTURAL CONCRETE, CLASS A (CM #0009, 06/08/10, decrease quantity 0.53 cu yd)	1766.000	-0.530	1765.470	CUYD	\$1,030.00	\$1,818,434.10	0.000	1765.470	1765.470	\$1,818,434.10	-0.53	-0.03	0
55401	REINFORCING STEEL (CM #0006, 06/11/08, increase quantity 18,520.64 lb)	341870.000	18520.640	360390.640	LB	\$1.25	\$450,488.30	0.000	360390.640	360390.640	\$450,488.30	18520.64	5.42	0

VI Q-NH-73(2), 732(1) - ESTATE MON BIJOU BRIDGES - FINAL ESTIMATE # 32

ITEM NO.	DESCR.	CONTRACTED						FINAL QUANTITIES				TOTAL CHANGE	PERCENT VARIATION	OVERRUN QUANTITY
		QUANTITY	CM	AMENDED	UNIT	UNIT PRICE	AMOUNT	CURRENT	PREVIOUS	TO DATE	AMOUNT			
55601A	CONCRETE BRIDGE RAILING (WITH STEEL HANDRAIL)	320.000		320.000	LNFT	\$271.00	\$86,720.00	0.000	320.000	320.000	\$86,720.00	0.00	0.00	0
55601AC	CONCRETE BRIDGE RAILING, NEW JERSEY SAFETY SHAPE (CM #0009, 06/08/10, decrease quantity 0.33 lnt)	612.000	-0.330	611.670	LNFT	\$330.00	\$201,851.10	0.000	611.670	611.670	\$201,851.10	-0.33	-0.05	0
56401A	ELASTOMERIC BEARING DEVICE	30.000		30.000	EACH	\$300.00	\$9,000.00	0.000	30.000	30.000	\$9,000.00	0.00	0.00	0
60101	CM #0001, 09/07/06, CONCRETE (CM #0009, 06/08/10, decrease quantity 0.02 cuyd)		333.680	333.680	CUYD	\$256.43	\$85,565.56	0.000	333.680	333.680	\$85,565.56	-0.02	-0.01	0
60201N	30-INCH PIPE CULVERT (REINFORCED CONCRETE PIPE) (CM #0009, 06/08/10, increase quantity 6 lnt)	130.000	6.000	136.000	LNFT	\$180.00	\$24,480.00	0.000	136.000	136.000	\$24,480.00	6.00	4.62	0
60206N	END SECTION FOR 30-INCH PIPE CULVERT	2.000		2.000	EACH	\$1,200.00	\$2,400.00	0.000	2.000	2.000	\$2,400.00	0.00	0.00	0
61701DAAB	GUARDRAIL SYSTEM G4, TYPE 1, CLASS A (WOOD POSTS) (CM #0009, 06/08/10, increase quantity 131.25 lnt)	175.000	131.250	306.250	LNFT	\$37.00	\$11,331.25	0.000	306.250	306.250	\$11,331.25	131.25	75.00	0
61702B	TERMINAL SECTION, TYPE ROUND END SECTION	4.000		4.000	EACH	\$2,800.00	\$11,200.00	0.000	4.000	4.000	\$11,200.00	0.00	0.00	0
61702E	TERMINAL SECTION, TYPE CRT	2.000		2.000	EACH	\$3,200.00	\$6,400.00	0.000	2.000	2.000	\$6,400.00	0.00	0.00	0
61702T	TERMINAL SECTION, TYPE TANGENT TERMINAL	4.000		4.000	EACH	\$3,600.00	\$14,400.00	0.000	4.000	4.000	\$14,400.00	0.00	0.00	0
61706	CONNECTION TO STRUCTURE	6.000		6.000	EACH	\$6,000.00	\$36,000.00	0.000	6.000	6.000	\$36,000.00	0.00	0.00	0
61901BC	FENCE, BARBED WIRE TYPE, 4 STRAND (CM #0003, 07/19/07, decrease quantity 550 lnt)	550.000	-550.000	0.000	LNFT	\$20.00	\$0.00	0.000	0.000	0.000	\$0.00	-550.00	-100.00	0
61901BC	CM #0003, 07/19/07, FENCE, BARBED WIRE TYPE, 4 STRAND (new unit price) (CM #0009, 06/08/10, increase quantity 330 lnt)		880.000	880.000	LNFT	\$21.00	\$18,480.00	0.000	880.000	880.000	\$18,480.00	330.00	60.00	0
61901BC	CM #0005, 03/12/08, FENCE, BARBED WIRE TYPE, 4 STRAND		160.000	160.000	LNFT	\$7.00	\$1,120.00	0.000	160.000	160.000	\$1,120.00	0.00	0.00	0

VI Q-NH-73(2), 732(1) - ESTATE MON BIJOU BRIDGES - FINAL ESTIMATE # 32

ITEM NO.	DESCR.	CONTRACTED						FINAL QUANTITIES				TOTAL CHANGE	PERCENT VARIATION	OVERRUN QUANTITY
		QUANTITY	CM	AMENDED	UNIT	UNIT PRICE	AMOUNT	CURRENT	PREVIOUS	TO DATE	AMOUNT			
61901CJ	FENCE, CHAIN LINK TYPE, 84-INCH HEIGHT (CM #0009, 08/08/10, decrease quantity 481 lnft)	580.000	-481.000	99.000	LNFT	\$31.00	\$3,069.00	0.000	99.000	99.000	\$3,069.00	-481.00	-82.93	0
61901CJ	CM #0005, 03/12/08, FENCE, CHAIN LINK TYPE, 84-INCH HEIGHT		1200.000	1200.000	LNFT	\$30.00	\$36,000.00	0.000	1200.000	1200.000	\$36,000.00	0.00	0.00	0
61902BG	GATE, METAL TYPE, 14-FOOT WIDTH (BARBED WIRE TYPE, 4 STRAND, SINGLE LEAF OPENING) (CM #0008, 08/07/08, increase quantity 2 each; CM #0009, 06/08/10, decrease quantity 1 each)	1.000	1.000	2.000	EACH	\$3,000.00	\$6,000.00	0.000	2.000	2.000	\$6,000.00	1.00	100.00	0
61902CH	GATE, CHAIN LINK TYPE, 16-FOOT WIDTH (DOUBLE LEAF OPENING) (CM #0008, 08/07/08, increase quantity 2 each)	1.000	2.000	3.000	EACH	\$4,000.00	\$12,000.00	0.000	3.000	3.000	\$12,000.00	2.00	200.00	0
62403	FURNISHING AND PLACING TOPSOIL (CM #0009, 06/08/10, decrease quantity 75 cuyd)	520.000	-75.000	445.000	CUYD	\$155.00	\$68,975.00	0.000	445.000	445.000	\$68,975.00	-75.00	-14.42	0
62518	TURF ESTABLISHMENT (CM #0009, 06/08/10, decrease quantity 1388 sqyd)	9400.000	-1388.000	8012.000	SQYD	\$5.00	\$40,060.00	0.000	8012.000	8012.000	\$40,060.00	-1388.00	-14.77	0
63301	SIGN INSTALLATION	6.000		6.000	EACH	\$400.00	\$2,400.00	0.000	6.000	6.000	\$2,400.00	0.00	0.00	0
63401HA	PAVEMENT MARKINGS, TYPE H, SOLID (CM #0009, 06/08/10, increase quantity 5275 lnft)	5100.000	5275.000	10375.000	LNFT	\$2.00	\$20,750.00	0.000	10375.000	10375.000	\$20,750.00	5275.00	103.43	0
63501	TEMPORARY TRAFFIC CONTROL	100.000		100.000	LPSM	\$38,000.00	\$38,000.00	0.000	100.000	100.000	\$38,000.00	0.00	0.00	0
63701	FIELD OFFICE	1.000		1.000	EACH	\$40,000.00	\$40,000.00	0.000	1.000	1.000	\$40,000.00	0.00	0.00	0
66601	CM #0004, 11/05/07, CONTRACT MODIFICATION WORK (PIER CAP MODIFICATION)		100.000	100.000	LPSM	\$8,001.34	\$8,001.34	0.000	100.000	100.000	\$8,001.34	0.00	0.00	0
66601	CM #0007, 07/10/08, CONTRACT MODIFICATION WORK (12" WATERLINE, CAST IRON)		100.000	100.000	LPSM	\$64,560.00	\$64,560.00	0.000	100.000	100.000	\$64,560.00	0.00	0.00	0

VI Q-NH-73(2), 732(1) - ESTATE MON BIJOU BRIDGES - FINAL ESTIMATE # 32

			CONSTRUCTION	BID	TO DATE				
DATE TIME BEGAN:	10/31/05		CONTRACT	\$4,069,200.00	\$4,711,049.85				
DATE CONTRACT COMPLETE:	09/04/07		DBE INCENTIVE	\$0.00	\$0.00				
DAYS ALLOWED:	674		QUALITY INCENTIVE	\$0.00	-\$14,120.66				
EXTENSIONS GRANTED BY CM #0002	13	09/17/07 by CM #0002	SMOOTHNESS INCENTIVE	\$0.00	\$0.00				
EXTENSIONS GRANTED BY CM #0003	35	10/22/07 by CM #0003	TOTAL	\$4,069,200.00	\$4,696,929.19				
EXTENSIONS GRANTED BY CM #0004	20	11/11/07 by CM #0004							
EXTENSIONS GRANTED BY CM #0005	188	04/25/08 by CM #0005	FUNDS AUTHORIZED						
EXTENSIONS GRANTED BY CM #0007	91	07/25/08 by CM #0007	PROJ: 151578STXBRJ1; TASK: 540.00.6320.78; ORG: 1578000000	UDO					
EXTENSIONS GRANTED BY CM #0008	21	08/15/08 by CM #0008	\$4,069,200.00	\$4,557,829.71	use first	\$0.00	\$4,557,829.71	transferred to and reimb.in sister	
EXTENSIONS GRANTED BY CM #0009	42	09/26/08 by CM #0009	acct PROJ: 15A578STXBRJ1;						
TOTAL DAYS ALLOWED	1062		PROJ: 15A578STXBRJ1; TASK: R40.00.6320.78; ORG: 1578000000	TASK: R and Z40.00.6320.78					
DAYS USED	1062	09/26/08	\$196,552.58	CMs 6 + 7 + 8	\$67,453.10	\$196,552.58			
Date Time Count Stop									
TIME USED	100.00%		TOTAL	\$4,069,200.00	\$4,754,382.29	\$4,754,382.29			
to date/allowed						-\$57,453.10	amount of final CM		
WORK COMPLETE	100.00%		BALANCE OR DEFICIT	\$0.00	\$57,453.10	\$4,686,929.19	has been paid against this contract		
to date/probable			from 15A578 through estimate 31						
CONSTR FUNDS USED	98.79%		\$10,000 final payment will be made from 15A5...TASK R40.00.6320.78						
to date/allotted									
CE FUNDS USED	#DIV/0!								
to date/allotted									
CE BUDGET USED	96.62%		CONSTRUCTION ENGINEERING	AUTHORIZED	TO DATE	PROBABLE	PROBABLE CE/		
			TOTAL-ALL WORK CODES	\$0.00	\$1,560,381.09	\$1,615,000.00	TO DATE CN		
TOTAL INCREASE DUE TO CMS	\$934,602.73								
TOTAL DECREASE DUE TO CMS	-\$306,873.54		CE BREAKDOWN	FUNCTION C	FUNCTION "G"=I	FUNCTION M	TOTAL		
			*TO DATE AUTHORIZED					\$0.00	
TOTAL INCREASE DUE TO OVERRUNS	\$0.00		EXPENDED	\$1,375,696.89	\$166,426.95	\$18,257.25	\$1,560,381.09		
TOTAL DECREASE DUE TO UNDERRUNS	\$0.00		PROBABLE	\$1,400,000.00	\$170,000.00	\$45,000.00	\$1,615,000.00		
CM #0001, 09/07/06	\$91,459.39		EXPENDED PER DELPHI REPORTS AS OF 04/02/10 FY 08 & PP 05			\$437,366.53 PE EXPENDED DELPHI 10/17/07 FY 08 & PP 20			
CM #0002, 03/15/07	\$0.00		*CE AUTH. PER DELPHI						
CM #0003, 07/19/07	\$495.00		DELPHI CE ACCOUNT NUMBER			PROJ: 15A578STXBRJ1; TASK: R20.C0.6320.78 ; ORG: 1578000000			
CM #0004, 11/05/07	\$8,001.34		ACCOUNT NUMBER FOR PYRL:			VI Q-NH-73(3)-ST. CROIX BR -CE-C			
CM #0005, 03/12/08	\$388,673.98								
CM #0006, 06/11/08	\$53,430.80		brkdn CE by resource (not incl.SISTER):						
CM #0007, 07/10/08	\$64,560.00	Contract Award	\$4,069,200.00	LABOR					\$577,651.00
CM #0008, 08/07/08	\$78,561.78	Net CMs	\$627,729.19	TRAVEL					\$244,678.00
CM #0009, 06/08/10	-\$57,453.10	TOTAL CONTRACT AMOUNT	\$4,696,929.19	SVCS					\$9,264.00
			SUPPLIES					\$150.00	
			MISC					\$567,377.00	
								\$1,399,120.00	

FISCAL DATA RECORD

VI Q-NH-73(2), 732(1) - ESTATE MON BIJOU BRIDGE

CONTRACT DTFH71-05-C-00030
with VIRGIN ISLANDS PAVING, INC.
TIN #66-0384389

disbursements to:

BANCO POPULAR de PUERTO RICO

CHRISTIANSTED VI 00822

0215 0201 I

(190-029595) VIRGIN ISLANDS PAVING, INC.

CURRENT PROBABLES \$ 4,696,929.19
% TIME COMPLETE 100.00%
% WORK COMPLETE 100.00%

PROJ: 15A578STXBRJ1; ORG: 1578000000; TASK: R40.00.6320.78

PROJ: 151578STXBRJ1; ORG: 1578000000; TASK: 540.00.6320.78

Date	Explanation	Disbursed	Allotment	Obligated	Liquidated	Unliq. Bal.	Unoblig. Bal.
			\$3,650,000.00			\$0.00	\$3,650,000.00
			\$419,200.00			\$0.00	\$4,069,200.00
	2005 Bid 23		\$4,069,200.00	\$4,069,200.00	\$4,069,200.00	\$0.00	\$8,138,400.00
09/13/05	contract award listed as 09/02/05		(\$4,069,200.00)	\$4,069,200.00		\$4,069,200.00	\$0.00
03/ /06	Est #01	\$41,681.00			\$41,681.00	\$4,027,519.00	\$0.00
03/20/06	Est #02	\$24,000.00			\$24,000.00	\$4,003,519.00	\$0.00
04/ /06	Est #03 to Finance 4/24, da	\$66,700.85			\$66,700.85	\$3,936,818.15	\$0.00
05/19/06	Est #04	\$61,937.58			\$61,937.58	\$3,874,880.57	\$0.00
06/06/06	PR CON-090 \$91,459.39 adl.str.exc.for placement concr.below bent footings for incr.bearing cap					\$3,874,880.57	\$0.00
06/27/06	Est 05- owe int.	\$47,246.72			\$47,246.72	\$3,827,633.85	\$0.00
07/20/06	Est 06	\$259,421.50			\$259,421.50	\$3,568,212.35	\$0.00
06/15/06	PDeWeese on the PR - M.M. date 7/24		\$91,459.39			\$3,568,212.35	\$91,459.39
	not obligated					\$3,568,212.35	\$91,459.39
08/21/06	Est 07	\$375,616.65			\$375,616.65	\$3,192,595.70	\$91,459.39
09/07/06	CM #0001			\$91,459.39		\$3,284,055.09	\$0.00
10/20/06	Est 08	\$293,398.89			\$293,398.89	\$2,990,656.20	\$0.00
09/25/06	CM #0002 sent to contractor - 13 days adl. Time; no item cha			\$0.00	\$0.00	\$2,990,656.20	\$0.00
10/16/06	Est 09	\$131,940.15			\$131,940.15	\$2,858,716.05	\$0.00
12/21/06	Est 10 to finance 12/28/06	\$9,422.81			\$9,422.81	\$2,849,293.24	\$0.00
02/21/07	Est 11	\$136,592.97			\$136,592.97	\$2,712,700.27	\$0.00
03/15/07	CM #0002 13 days adl. Time; no item changes					\$2,712,700.27	\$0.00
03/20/07	Est 12	\$200,319.45			\$200,319.45	\$2,512,380.82	\$0.00
03/26/07	PR -CN-07-072 \$495.00 net, incl 3 new item		\$495.00			\$2,512,380.82	\$495.00
	to contractor 5/14/07 CM #0003, add 35 days +495.00					\$2,512,380.82	\$495.00
06/06/07	Est 13	\$130,489.51			\$130,489.51	\$2,381,891.31	\$495.00
06/25/07	Est 14 due 6/21-will owe in	\$304,161.96			\$304,161.96	\$2,077,729.35	\$495.00
07/11/07	PR C-07-108 \$8,001.34 pier caps modification					\$2,077,729.35	\$495.00
07/17/07	Est 15	\$173,725.33			\$173,725.33	\$1,904,004.02	\$495.00
07/19/07	CM #0003, add 35 days +495.00			\$495.00		\$1,904,499.02	\$0.00
08/16/07	Est 16 to Finance 8/22	\$446,165.66			\$446,165.66	\$1,458,333.36	\$0.00
09/14/07	Est 17	\$156,434.28			\$156,434.28	\$1,301,899.08	\$0.00
10/18/07	Est 18	\$40,592.00			\$40,592.00	\$1,261,307.08	\$0.00
11/05/07	CM #0004		\$8,001.34	\$8,001.34		\$1,269,308.42	\$0.00
11/21/07	Est 19	\$142,845.50			\$142,845.50	\$1,126,462.92	\$0.00
12/20/07	Est 20	\$159,940.19			\$159,940.19	\$966,522.73	\$0.00
01/21/08	Est 21	\$165,028.80			\$165,028.80	\$801,493.93	\$0.00
	Est 22	\$167,045.00			\$167,045.00	\$634,448.93	\$0.00
03/24/08	Est 23	\$196,521.20			\$196,521.20	\$437,927.73	\$0.00
	PR req. \$388,673.98					\$437,927.73	\$0.00
	task R40.00.6320.78					\$437,927.73	\$0.00
	incl.flood control issues					\$437,927.73	\$0.00
	funded		\$388,673.98			\$437,927.73	\$0.00
05/12/08	CM #0005 - incl. 165 days			\$388,673.98		\$437,927.73	\$388,673.98
						\$826,601.71	\$0.00
	TOTALS	\$3,731,228.00	\$4,557,829.71	\$8,627,029.71	\$7,800,428.00	\$826,601.71	\$0.00

FISCAL DATA RECORD

VI Q-NH-73(2), 732(1) - ESTATE MON BIJOU BRIDGE

CONTRACT DTFH71-05-C-00030

with VIRGIN ISLANDS PAVING, INC.

TIN #66-0384389

disbursements to:

BANCO POPULAR de PUERTO RICO

CHRISTIANSTED VI 00822

0215 0201 I

(190-029595) VIRGIN ISLANDS PAVING, INC.

CURRENT PROBABLES \$4,696,929.19

% TIME COMPLETE 100.00%

%WORK COMPLETE 100.00%

PROJ: 151578STXBRJ1; ORG: 1578000000; TASK: 540.00.6320.78

PROJ: 15A578STXBRJ1; ORG: 1578000000; TASK: R40.00.6320.78

Date	Explanation	Disbursed	Allotment	Obligated	Liquidated	Unliq. Bal.	Unoblig. Bal.
	bal.from previous pg.	\$3,731,228.00	\$4,557,829.71	\$8,627,029.71	\$7,800,428.00	\$826,601.71	\$0.00
04/22/08	est 24	\$96,575.98			\$96,575.98	\$730,025.73	\$0.00
04/24/08	PROJ: 15A578STXBRJ1; ORG: 1578000000; TASK: R40.00.6320.78					\$730,025.73	\$0.00
	PR CN-08-053		\$53,430.80			\$730,025.73	\$53,430.80
05/01/08	CM #0006 \$53,430.80 draft to contractor for signature					\$730,025.73	\$53,430.80
05/13/08	PR CN-072		\$65,000.00			\$730,025.73	\$118,430.80
05/19/08	est 25	\$34,208.74			\$34,208.74	\$695,816.99	\$118,430.80
06/11/08	CM #0006			\$53,430.80		\$749,247.79	\$65,000.00
07/10/08	CM #0007			\$64,560.00		\$813,807.79	\$440.00
	PROJ: 15A578STXBRJ1; ORG: 1578000000; TASK: R40.00.6320.78					\$813,807.79	\$440.00
07/14/08	PR CN-08-105 \$100,000.00 slope stabilization					\$813,807.79	\$440.00
07/14/08	PROJ: 15A578STXBRJ1; ORG: 1578000000; TASK: R40.00.6320.78					\$813,807.79	\$440.00
			\$100,000.00			\$813,807.79	\$100,440.00
07/14/08	est 26	\$107,609.07			\$107,609.07	\$706,198.72	\$100,440.00
07/25/08	est 27	\$199,330.97			\$199,330.97	\$506,867.75	\$100,440.00
	due date sent to finance 08/04/08					\$506,867.75	\$100,440.00
08/07/08	CM #0008 & 21 days			\$78,561.78		\$585,429.53	\$21,878.22
	PROJ: 15A578STXBRJ1; ORG: 1578000000; TASK: R40.00.6320.78					\$585,429.53	\$21,878.22
08/27/08	est 28 to finance 8/26+/13:30pm	\$123,446.55			\$123,446.55	\$461,982.98	\$21,878.22
10/08/08	est 29	\$189,105.36			\$189,105.36	\$272,877.62	\$21,878.22
10/14/08	est 30	\$174,949.76			\$174,949.76	\$97,927.86	\$21,878.22
12/01/08	est 31	\$30,474.76			\$30,474.76	\$67,453.10	\$21,878.22
06/08/10	CM #0009, final quantities				\$57,453.10	\$10,000.00	\$79,331.32
	assume per CMs 7, 8, 9		(\$79,331.32)			\$10,000.00	\$0.00
07/07/10	Est 32 final	\$10,000.00			\$10,000.00	\$0.00	\$0.00
	est 2 interest pd \$459.20 & reversed					\$0.00	\$0.00
	int	\$215.37	\$215.37			\$0.00	\$0.00
	int	\$49.81	\$49.81			\$0.00	\$0.00
	joe mcgee int	(\$0.54)	(\$0.54)			\$0.00	\$0.00
	est 10 interest	\$22.58	\$22.58			\$0.00	\$0.00
	est 11 interest	\$19.92	\$19.92			\$0.00	\$0.00
	est 13 interest	\$114.18	\$114.18			\$0.00	\$0.00
	est 14 interest	\$1,286.35	\$1,286.35			\$0.00	\$0.00
	est 15 interest	\$83.24	\$83.24			\$0.00	\$0.00
	est 16 interest	\$855.15	\$855.15			\$0.00	\$0.00
	est 17 interest	\$0.32	\$0.32			\$0.00	\$0.00
	est 17 interest	\$99.62	\$99.62			\$0.00	\$0.00
	est 18 interest	\$51.87	\$51.87			\$0.00	\$0.00
	est 21 interest	\$4.22	\$4.22			\$0.00	\$0.00
	est 21 interest	\$82.88	\$82.88			\$0.00	\$0.00
	est 23 interest	\$103.72	\$103.72			\$0.00	\$0.00
	est 25 interest	\$40.62	\$40.62			\$0.00	\$0.00
	est 26 interest	\$42.60	\$42.60			\$0.00	\$0.00
	TOTALS	\$4,700,001.10	\$4,700,001.10	\$8,823,582.29	\$8,823,582.29	\$0.00	\$0.00



OFFICE OF
THE COMMISSIONER

GOVERNMENT OF
THE VIRGIN ISLANDS OF THE UNITED STATES

DEPARTMENT OF PUBLIC WORKS

6002 Estate Anna's Hope
Christiansted, St. Croix, V.I. 00820-4428

Tel: (340) 773-1290
Fax: (340) 773-0670

November 18, 2008

Melisa Ridenour, Division Engineer
Eastern Federal Lands Highway Division
21400 Ridgetop Circle
Sterling, Virginia 20166

ATTN: Jim Mathews, Construction Operations Engineer

RE: Final Acceptance
Mon Bijou Bridges, Project No. VI Q-NH-73(2), 732(1)

Dear Mr. Matthew:

Please allow this correspondence to serve as Final Acceptance of Project No. VI Q-NH-73(2), 732(1) construction of the Mon Bijou Bridges and Open Channel. As per final inspection on September 30, 2008 and subsequent follow up completion of the punch-list items, the project is hereby accepted.

Please provide a copy of closeout documentation including as built plans upon completion of your closeout process.

Sincerely,

Darryl A. Smalls P.E.
Commissioner

DAS/WDB

cc: Roberto Cintron, Assistant Commissioner
Wystan Benjamin, Highway Program Manager
John Paul David, Construction Program Manager-St. Croix
Mark Mulholland, Project Engineer
David Baird, VI Paving Inc.

RECEIVED
2008 NOV 26 PM 1:42



U.S. Department
of Transportation
**Federal Highway
Administration**

Eastern Federal Lands
Highway Division

21400 Ridgetop Circle
Sterling, VA 20166-6511

JUN 02 2010

In Reply Refer To: HFCO-15

FEDERAL EXPRESS

Mr. Robert J. Schierloh
President
Virgin Islands Paving, Inc.
13-GA Estate Bethlehem
Kingshill, VI 00851

Subject: Project VI Q-NH-73(2), 732(1)
Highway 73 and Mon Bijou/Glynn Road
Contract Closeout
Contract No. DTFH71-05-C-00030

Dear Mr. Schierloh:

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 November 18, 2008, and as of that date you were relieved of further maintenance obligations.

Enclosed please find the following documents:

- The final estimate (Estimate No. 32).
- Two copies of Contract Modification (CM) No. 0009.
- Two copies of Form 4220.4, Contractor's Release.
- Two copies of Form 1034, Public Voucher for Purchases and Services Other Than Personal.

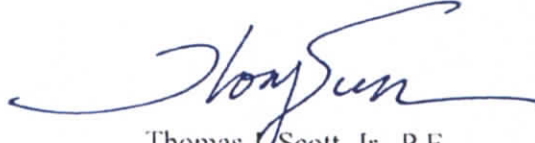
You are requested to sign and return both copies of CM No. 0009, and both copies of Forms 4220.4 and 1034, which are based on the final estimate. One copy of CM No. 0009, with all the



35

appropriate signatures, will be returned to you for your records. Upon receipt of the executed documents, we will process the final payment. If you have any questions, please contact Mr. James Mathews, Construction Operations Engineer, at 865-286-6102.

Sincerely yours,

A handwritten signature in blue ink, appearing to read "Tom Scott", with a stylized flourish extending from the end.

Thomas J. Scott, Jr., P.E.
Construction Engineer and
Administrative Contracting Officer

Enclosures



U.S. Department of Transportation
Federal Highway Administration
Federal Lands Highway

CONSTRUCTION PROJECT MATERIAL CERTIFICATION

State Virgin Islands - St. Croix

Project No. VI Q-NH-73(2), 732(1)

Project name St. Croix Bridges

Contract No. DTFH71-05C-00030

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 mark mullholand

Digitally signed by mark mullholand
DN: cn=mark mullholand, o=U.S. Department of Transportation, ou=Federal Lands Highway, email=mark.mullholand@dot.gov, c=US
Date: 2009.07.29 15:25:25 -0400

Date 7-29-09

Construction Operations Engineer Jim M. Mathews

Digitally signed by Jim M. Mathews
DN: cn=Jim M. Mathews, o=U.S. Department of Transportation, ou=Federal Lands Highway, email=jim.mathews@dot.gov, c=US
Date: 2009.07.31 15:25:25 -0400

Date 07/31/2009

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 P. Dallaire

Digitally signed by Michael P. Dallaire
DN: cn=Michael P. Dallaire, o=U.S. Department of Transportation, ou=Federal Lands Highway, email=michael.dallaire@dot.gov, c=US
Date: 2009.07.31 15:25:25 -0400

Date 7/31/2009

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.

Digitally signed by Thomas J. Scott Jr.
DN: cn=Thomas J. Scott Jr., o=U.S. Department of Transportation, ou=Federal Lands Highway, email=thomas.scott@dot.gov, c=US
Date: 2009.08.03 15:25:25 -0400

Date 8/3/2009



Hwy 73 Bridge before construction



Hwy 73 bridge pier construction



Hwy. 73 Bridge Pier Construction



Hwy. 73 Bridge Deck Construction



Hwy. 73 Bridge Deck Construction



Hwy. 73 Bridge Deck Construction



Hwy. 73 Bridge Placing Gabion Baskets



Hwy. 73 Bridge Completed Project



Glynn Rd. Bridge Location Before Construction



Glynn Rd. Bridge Constructing Abutment



Glynn Rd. Bridge Abutment Construction



Glynn Road Bridge Beam Construction



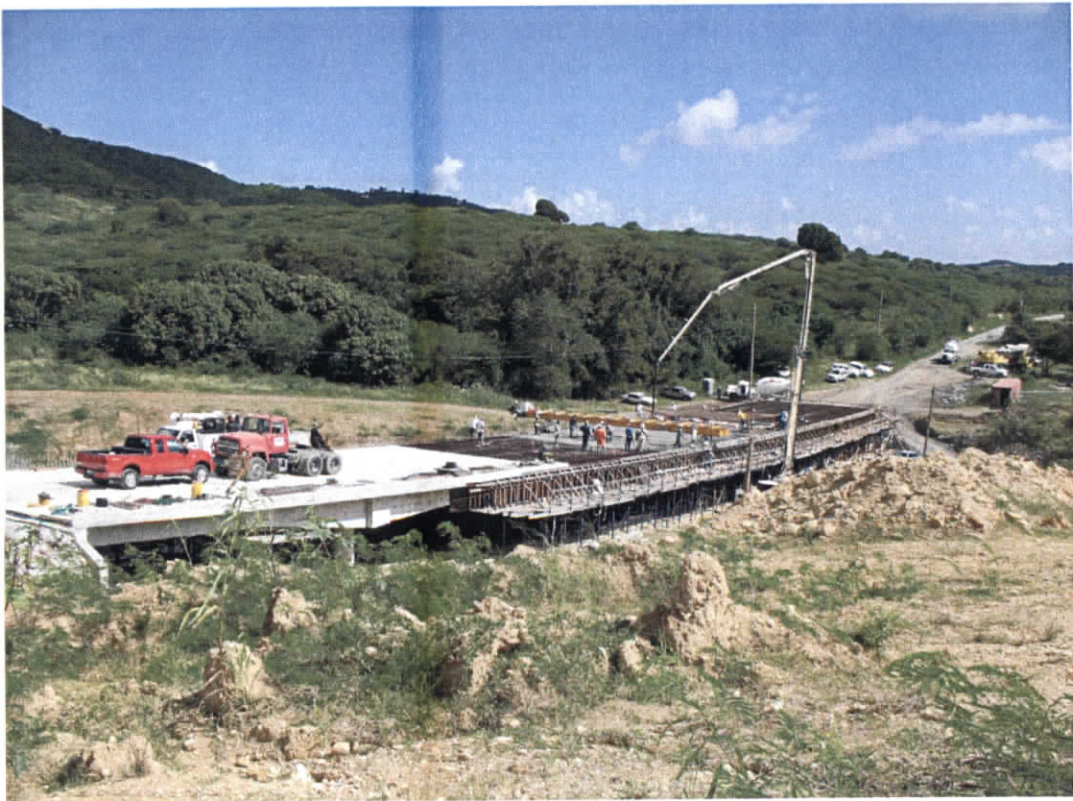
Glynn Rd. Bridge Deck Construction



Glynn Rd. Bridge Deck Construction



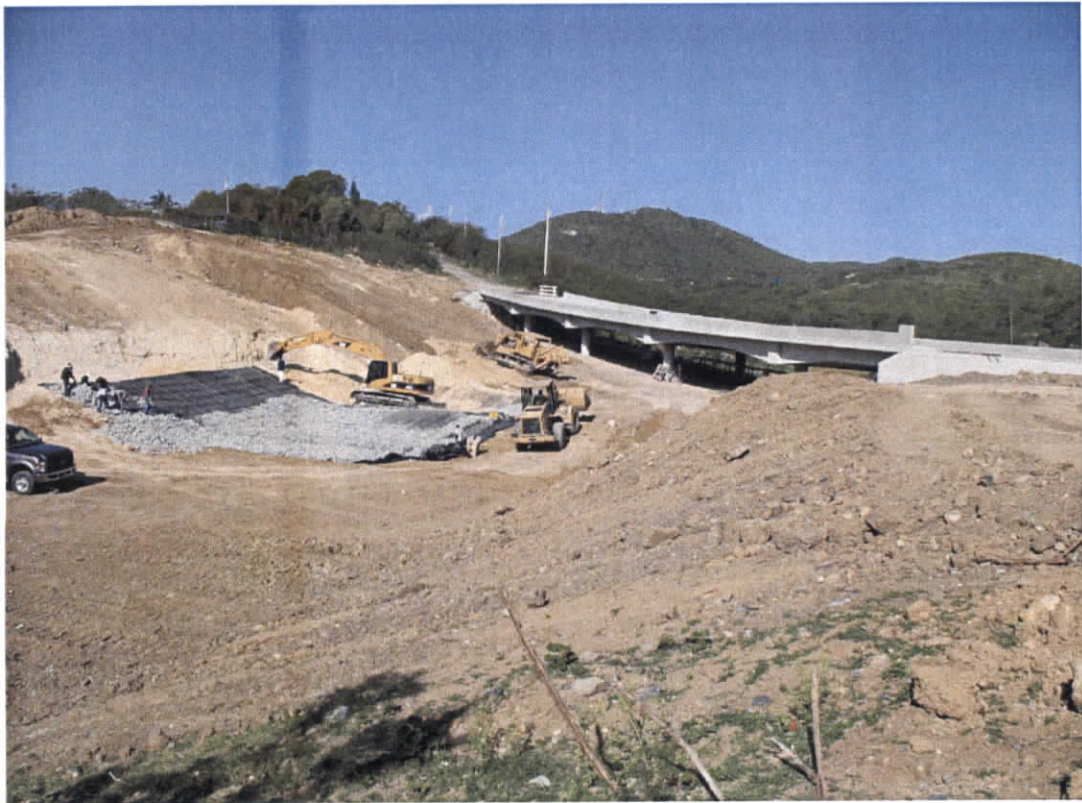
Glynn Rd. Bridge Deck Construction



Glynn Rd. Bridge Deck Construction



Glynn Rd. Bridge Deck Construction



Glynn Rd. Bridge Placing Gabion Baskets



Glynn Rd. Bridge Final Product