PROJECT INTRODUCTION AND WAIVER ELIGIBILITY

Johnson, Mirmiran & Thompson (JMT) is working with Island Roads Construction (IRC) as a Design/Build Team, under contract with the Federal Highway Administration, Eastern Federal Lands Highway Division (FHWA EFL) and working with the US Virgin Islands Department of Public Works (DPW), to repair damage caused by Tropical Storms/Hurricanes Irma and Maria. The Team will be completing design, permitting, and construction of repairs for 13 roadway sites on St. Thomas, 2 of which are anticipated to potentially impact the CZMA (**Table 1, Figures 1-3**). The project is not anticipated to expand the footprint of the roadway for the sites, although there may be some temporary disturbance outside the existing footprint for construction. At, this time, additional right of way acquisition is not expected to be needed; however, some temporary or permanent construction easements will be needed at several sites to construct the repairs. The majority of the sites affected were impacted by landslides caused by storms.

JMT is applying on behalf of DPW and EFL for a waiver for impacts to the CZMA at two sites in St. Thomas based on the following 2019 US Virgin Islands Code, Title 12 – Conservation, Chapter 21 - Virgin Islands Coastal Zone Management:

> ***§ 910. Coastal zone permit***
> *B-2: Where immediate action by a person or public agency performing a public service is required to protect life and public property from imminent danger, or to restore, repair, or maintain public works, utilities or services destroyed, damaged, or interrupted by natural disaster or serious accident, or in other cases of emergency, the requirement of obtaining a permit under this section may be waived by the appropriate Committee of the Commission or the Commissioner upon notification to the Commissioner of the type and location of the work, the length of time necessary to complete the work and the name of the person or public agency conducting the work.*

In 2019, EFL completed a NEPA Categorical Exclusion (CE) for work on the sites. The CE is included as Appendix A. The CE includes coordination with the US Fish and Wildlife Service (USFWS) and Section 106 State Historic Properties (SHPO) coordination. Detailed damage inspection reports (DDI) were completed by VI DPW in 2018 and submitted to FHWA. The DDIs included pictures and damage descriptions for all the sites and are included as Appendix B. DDI reports assess the extent of storm damage to infrastructure as part of a determination by the Federal Government as to which repairs are caused by storms and therefore eligible for federal funds to repair the damage.

IMPACTED SITES

Table 1: St. Thomas Project sites with anticipated CZMA impacts.

Site	Total Acres in LOD	Acres of CZMA Impact	Address	Estate	Centroid X coordinates	Centroid Y coordinates
B1	.87	.24	Route 30, MP .9, STT	Estate Santa Maria	-64.9966965	18.3593006
B2	6.47	.67	Route 20 Black Point Hill, Daisy RB, STT	Estate Adelphi	-64.9824982	18.3481007
Total		**.91**				

PROPOSED WORK SCHEDULE

Designs for the proposed projects are still in the conceptual phase. As site plans are developed for the two sites that potentially impact the CZMA, JMT will submit the final plans to DPNR for further review. JMT requests a waiver from CZMA for the proposed work or a contingent waiver with the condition of submission and approval of final design plans as they are developed. The anticipated project schedule is attached below in Table 2.

Table 2: St. Thomas Project Schedule for sites B1 and B2

Activity	Milestone date
Notice to Proceed	December 14, 2020
Preliminary Design Submittals (30%) Group 3 Sites	May 21, 2021
Intermediate Design Submittals (70%) Group 3 Sites	July 13, 2021
Pre-Final Design Submittals (95%) Group 3 Sites	August 31, 2021
Permits	April 8, 2021
Project Construction Completion	June 30, 2022

Group 3: Site B1, Rt 30 MP 0.9 Fortuna Road; Site B2, Rt 30 Black Point Hill/Daisy

SITE SPECIFIC PROPOSED WORK PLANS

B1

Site B1 (Figure 2) was impacted by a landslide and slope failure. A detailed damage description is included in Appendix B. Minimal work is proposed including clearing and grubbing and seed and slope erosion control matting.

Avoidance and minimization measures

Appropriate erosion and sediment control measures will be applied based on approved standards and conditions set forth by agencies during the NEPA process, and as may be required by environmental permits.

B2

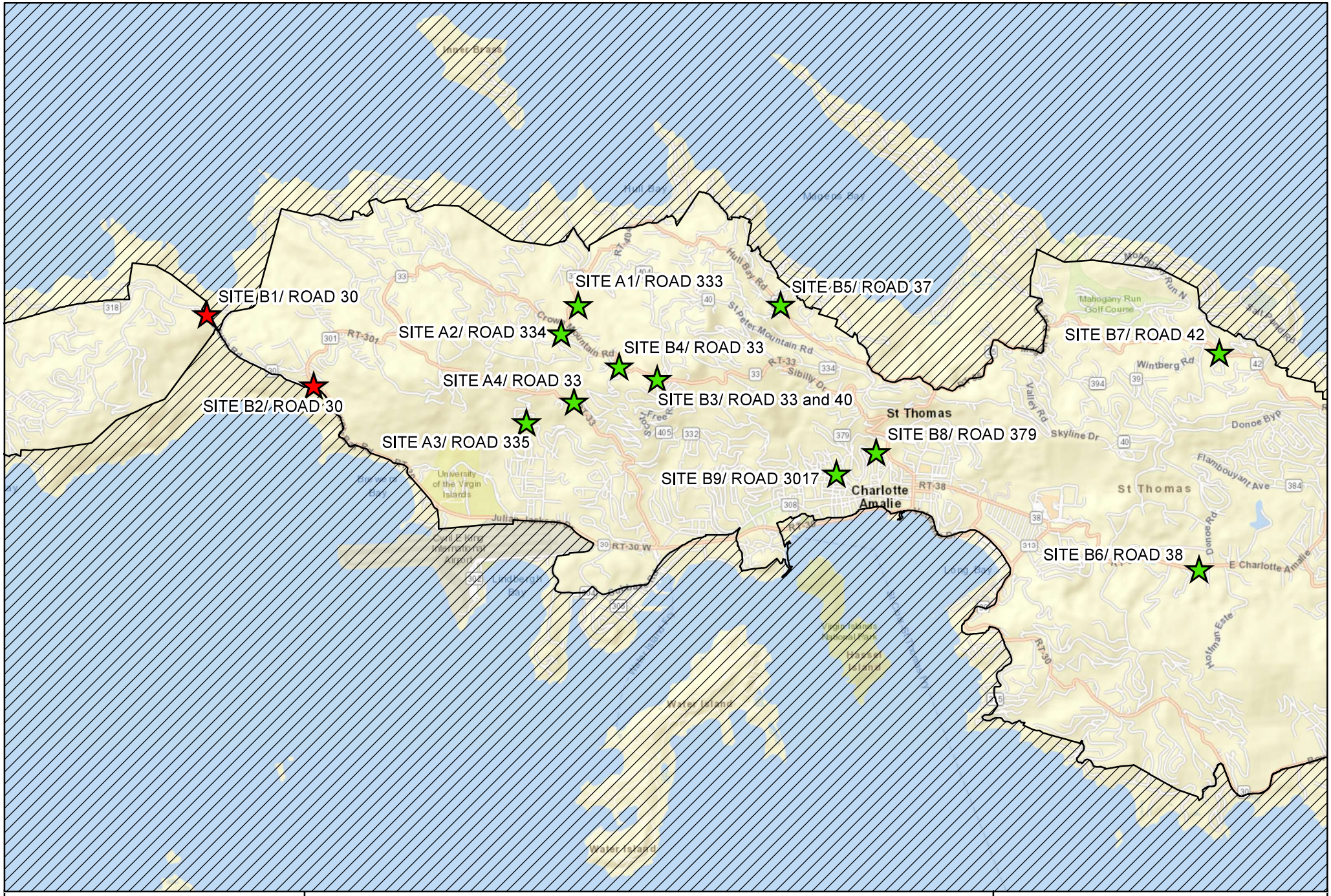
Site B2 (Figure 3) was impacted by extreme stormwater runoff during the hurricanes. A detailed damage description is included in Appendix B and detailed conceptual design plans can be found in Appendix C. The proposed work includes clearing and grubbing debris; removing and replacing guard rails and end terminals at multiple locations for a one-mile stretch; clearing drop inlets and culverts and replacing frames and grates.

Gabions will be used to stabilize the slope. Accessing the work area will likely require temporary impacts outside the current limits of pavement.

Avoidance and minimization measures

Appropriate erosion and sediment control measures will be applied based on approved standards and conditions set forth by agencies during the NEPA process, and as may be required by environmental permits. Work that is necessary outside of the established ROW footprint and paved area will be minimized as much as possible. Temporary impacts outside of the established footprint required to install the gabion wall needed to stabilize the slope will be minimized and done with the appropriate erosion and sediment controls.

SITE LOCATION MAPS



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Legend

SITE LOCATIONS

SITE LOCATIONS WITHIN CZMA

CZMA

0 0.5 1 Miles

N

FIGURE 1; ST THOMAS SITE LOCATIONS
US VIRGIN ISLANDS ROADWAY REPAIRS
DELINEATED WATERS

MARCH, 2021

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Legend

- STUDY AREA
- CONCEPTUAL DESIGN FOOTPRINT
- CZMA

0 25 50 100 Feet

N

FIGURE 2; SITE B1
ST THOMAS; US VIRGIN ISLANDS
ROADWAY REPAIRS

MARCH, 2021

Johnson, Mirmiran & Thompson, Inc.

Legend

- STUDY AREA
- CONCEPTUAL DESIGN FOOTPRINT
- CZMA

0 25 50 100 Feet

N

FIGURE 3; SITE B3
ST THOMAS; US VIRGIN ISLANDS
ROADWAY REPAIRS

MARCH, 2021