

Figure 1. General project location map.

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Figure 2. Aerial map showing existing alignment (approximate), proposed alignment (approximate), and development names. MH0431 MH0432 LIFT STATION O **Existing Alignment** MH0433 Turquoise MH0435 MH0434 Bay Mill Harbour MH0438 Colony Cove Sugar Beach MH0439 Proposed Relocation MH0440 BJ Pump Statio Club St. Croix LBJ Pump Station

Figure 3. Aerial map summarizing scope of work for Alternative I. MH0432 LIFT STATION Existing line will be inspected, cleaned, and manholes demolished New lift station New gravity Line by hand. MH0435 MH0434 MH0436 MH0437 New force main MH0440 gle earth New gravity Line New transition manhole

Figure 4. Aerial map showing existing alignment, proposed alignment, and base flood elevations. MH0432 LIFT STATION O MH0433 MH0435 MH0434 MH0436 (EL 10 (Feet) MH0437 Zione V/E (EL 16 (Feel) Zione VE (EL 16 (Feel)) MH0438 AREA OF MINIMAL FLOOD WAZARD ZO AREA OF MINIMAL FLOOD WAZARD Z MH0440_ Image © 2015 DigitalGlobe



Photograph 1. Due to erosion over time, manhole (MH) 0438 between Sugar Beach and Colony Cove is now more than 10 feet off shore. (Photograph courtesy of Bioimpact, Inc.).



Photograph 2. Photograph of MH 0436, between Colony Cove and Mill Harbor. The photograph illustrates the erosion into the seagrass bed. (Photograph courtesy of Bioimpact, Inc.).



Photograph 3. This photograph shows MH 0435 off of Mill Harbour adjacent to a groin which was constructed to maintain the sand on Mill Harbour's Beach. (Photograph courtesy of Bioimpact, Inc.).



Photograph 4. This photograph shows MH 0434 off of the Turquoise Bay property. The dark green algae noted at the water's edge and on the beach is Chaetomorpha, a filamentous green algae which indicates eutrophic conditions. (Photograph courtesy of Bioimpact, Inc.).



Photograph 5. This photograph shows a typical MH. Note the halo. (Photograph courtesy of Bioimpact, Inc.).



Photograph 6. This photograph shows the typical vegetation along the proposed relocation route. (Photograph courtesy of Bioimpact, Inc.).



Photograph 7. This photograph shows the typical vegetation along the proposed relocation route. (Photograph courtesy of Bioimpact, Inc.).