

U.S. Department of  
Homeland Security

United States  
Coast Guard



Commander  
Ninth Coast Guard District

1240 E. 9<sup>th</sup> St.  
Cleveland, OH 44199  
Staff Symbol: (dpb)  
Phone: (216) 902-6086  
Fax: (216) 902-6088  
Email: William.S.Stanifer@uscg.mil

01 APR 2022

## PUBLIC NOTICE 09-01-22

All interested parties are herein notified that the Commander, Ninth Coast Guard District, has received application materials dated 6 August 2021 from the City of Ithaca, New York for approval of location and plans for the construction of a bridge over a navigable waterway of the United States.

**WATERWAY AND LOCATION:** Black Diamond Trail Pedestrian Bridge, Mile 1.9 on the Cayuga Inlet, City of Ithaca, Tompkins County, New York.

**CHARACTER OF WORK:** The proposed structure would be a new construction at this location. The City of Ithaca proposes to construct a fixed pedestrian bridge at the waterway and location specified above. The proposed bridge would be 198.25-feet long face-to-face of abutments, have an out-to-out width of 13.67 feet, and clearances as noted below. The proposed project aims to facilitate the connection of the Waterfront Trail and Black Diamond Trail as part of an overall effort to create over 120 miles of continuous pedestrian and biking trails as the Cayuga Lake Blueway Trail. Anticipated in-water work includes the installation of cofferdams and their dewatering to construct new abutments. Any in-water work performed during the navigation season would be coordinated with the Coast Guard. This project will be funded with approximately 80% federal funds and 20% local funds.

### MINIMUM NAVIGATIONAL CLEARANCES:

The proposed new bridge will have clearances as described in the table below.

	<b>Proposed</b>
<b>Vertical</b>	8.70-feet at low steel with 9.70-feet available at the center
<b>Horizontal</b>	157.00-feet

**Datum:** All Elevations are referenced to Low Water Datum, Lake Erie, Elevation 380.84, International Great Lakes Datum of 1985 (IGLD 85).

### ENVIRONMENTAL CONSIDERATIONS:

The Federal Highway Administration (FHWA) is the lead Federal agency for satisfying the requirements of the National Environmental Policy Act (NEPA). The FHWA is acting on behalf of the U.S. Coast Guard for all environmental control laws. A Categorical Exclusion was issued by FHWA on 21 March 2021, pursuant to NEPA, as amended. The U.S. Guard has tentatively determined that the proposed action will not have a significant impact for the purposes of NEPA.

A water quality certification in accordance with Section 401 of the Clean Water Act as amended is pending (Section 401 WQC). The City of Ithaca submitted a Joint Permit Application to the New York State Department of Environmental Conservation (NYSDEC) for a Section 401 WQC and the U.S. Army Corps of Engineers (USACE) for a determination under Section 404 of the Clean Water Act and Section 10 of the Rivers and Harbors Act.

The City of Ithaca's permit application indicates that the proposed bridge will not adversely affect any known wetland. The Coast Guard defers to USACE regarding wetlands impact determinations.

The proposed bridge will be located in a base floodplain. The 100-year flood elevation is 387.84 feet and the Low Water Datum is 382.84-feet. Elevation of the low member of the navigation span is 391.54 feet. Elevations are referenced to IGLD 85 datum. Approximately 450 cubic yards of fill material will be placed in the waterway to facilitate construction of the proposed abutments and bridge approaches.

The decision as to whether to grant approval of the location and plans for the proposed action rests primarily upon the effect it has on navigation.

#### **SOLICITATION OF COMMENTS:**

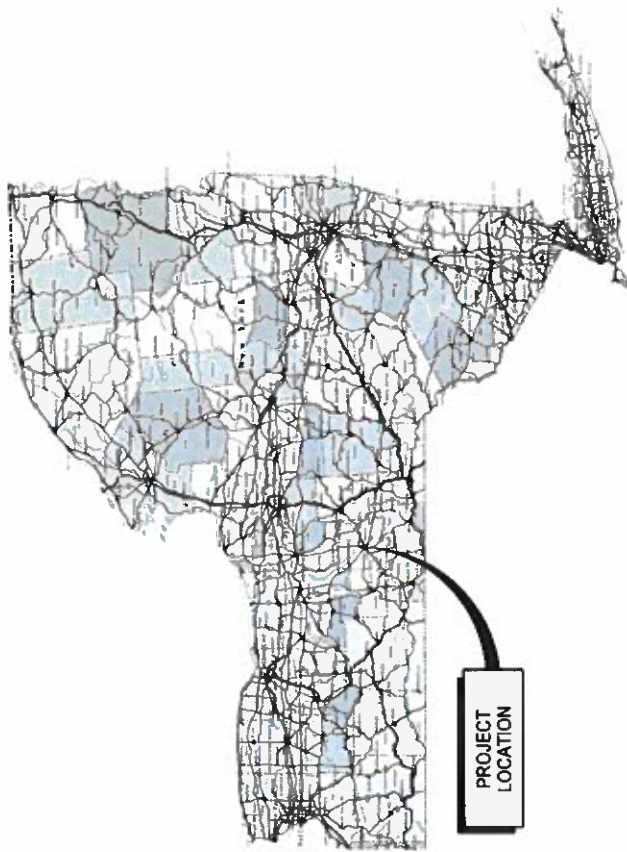
Mariners are requested to comment on the proposed navigation clearances, placement of a bridge protective system and other navigational safety issues, including need for clearance gauges and extent of nighttime navigation to determine the need for bridge lighting. Interested parties are requested to express their views, in writing, on the proposed bridge project including its possible impacts to navigation.

We will forward comments of an environmental nature such as those regarding wildlife refuges, public parks, historic sites, wetlands, floodplain issues, air, water quality, environmental justice, etc. to FHWA. Comments will be received for the record at the address noted in the header or via email to [michael.o.walker2@uscg.mil](mailto:michael.o.walker2@uscg.mil) through 06 May 2022.

Map of location and plans attached.

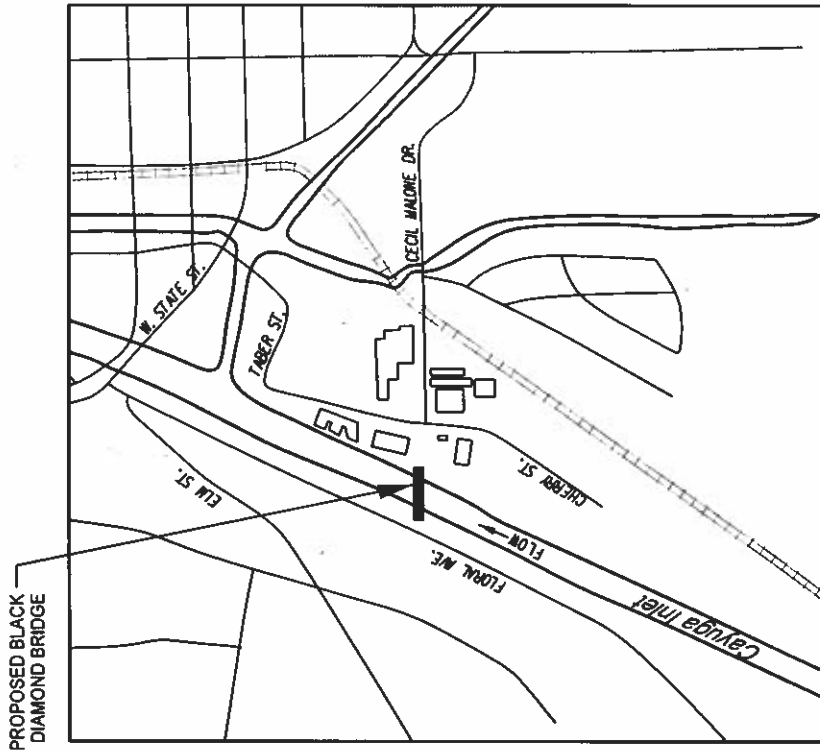


W. B. STANIFER  
Chief, Bridge Branch  
U.S. Coast Guard  
By Direction



0 20 40  
SCALE IN MILES

VICINITY MAP



0 6000 12000  
SCALE IN FEET

LOCATION MAP

**NOTES:**

1. THERE ARE NO WILDLIFE OR WATERFOWL REFUGES, OR HISTORICAL AND ARCHAEOLOGICAL SITES WITHIN THE PROJECT LIMITS.
2. CONCEPTUAL PLANS UTILIZED TO OBTAIN BRIDGE PERMIT.



Date: 01/07/2022

CITY OF ITHACA  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION

DESIGN CONSULTANT:

145 Cedar Road, Suite 200  
Rochester, NY 14620  
P 585-437-8888  
F 585-427-0814  
erdmannanthony.com



BLACK DIAMOND TRAIL BRIDGE  
OVER CAYUGA INLET

M.P. 1.9 (FROM CONFLUENCE OF MOUTH OF WATERWAY)  
ITHACA, THOMPSON COUNTY NY

VICINITY AND LOCATION MAP

DATE: 01/07/2022

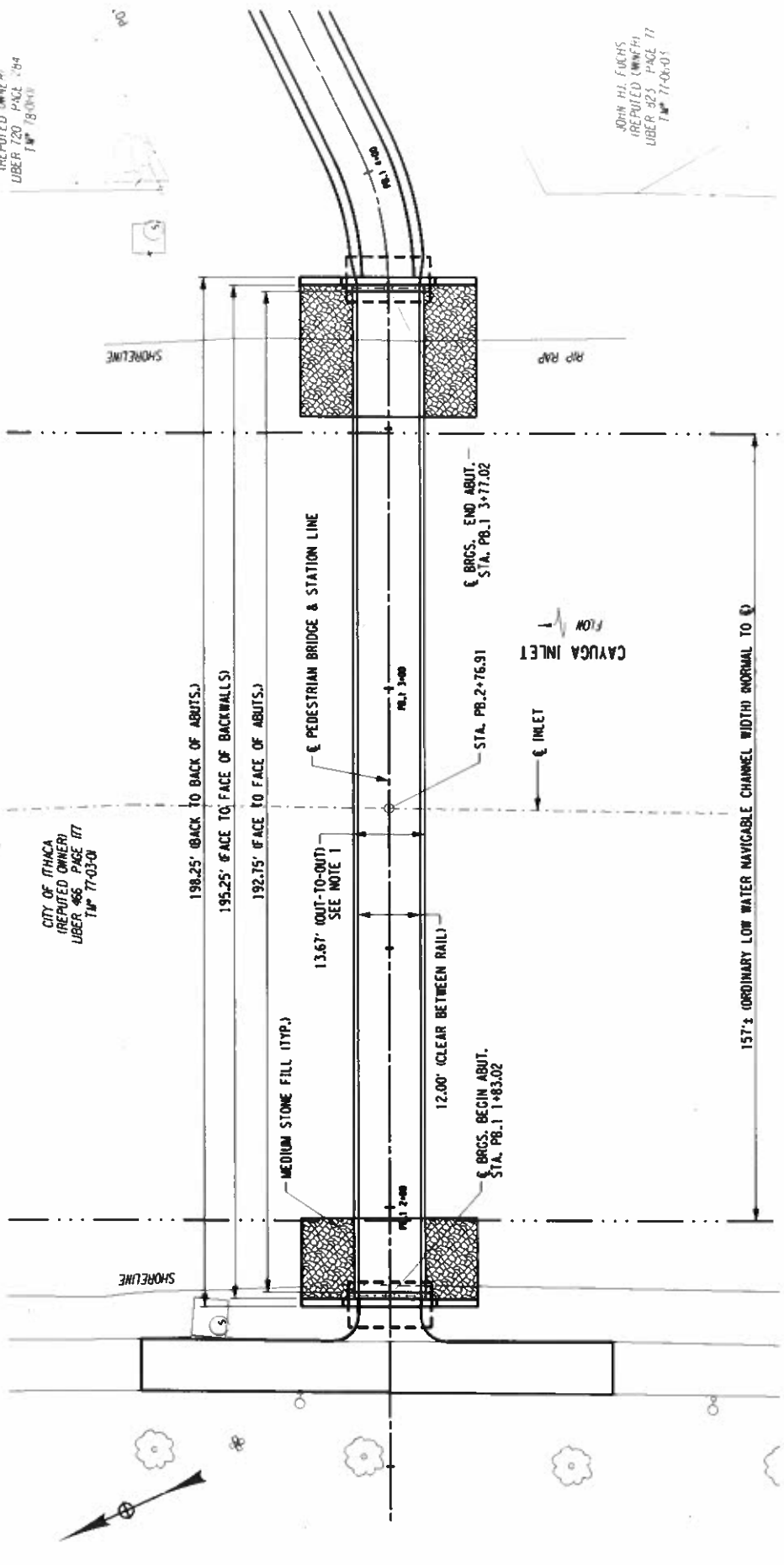
SHEET 1 OF 4

BECHTOLD INC.  
(REPUTED OWNER)  
LIBER 720, PAGE 184  
T.M. 77-06-02

JOHN H. FUCHS  
(REPUTED OWNER)  
LIBER 923, PAGE 77  
T.M. 77-06-05

STATE OF NEW YORK  
(REPUTED OWNER)  
T.M. 77-06-02

CITY OF ITHACA  
(REPUTED OWNER)  
LIBER 465, PAGE 107  
T.M. 77-03-00



**PLAN**

**NOTES:**

1. OUT-TO-OUT DIMENSION BASED ON ASSUMED 8" TOP CORD AND 8" VERTICAL MEMBERS. ACTUAL DIMENSION CAN VARY DEPENDING ON BRIDGE MANUFACTURER.
2. SEE BRIDGE ELEVATION SHEET FOR PROJECT-SPECIFIC WATER ELEVATIONS.
3. CONCEPTUAL PLANS UTILIZED TO OBTAIN BRIDGE PERMIT.



Date: 01/07/2022



CITY OF ITHACA  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION

DESIGN CONSULTANT:



183 Colver Road, Suite 200  
Rochester, NY 14620  
(716) 505-4378  
(716) 505-4379  
www.eridmananthony.com

BLACK DIAMOND TRAIL BRIDGE  
OVER CAYUGA INLET  
M.P. 1.9 (FROM CONFLUENCE OF MOUTH OF WATERWAY  
ITHACA, THOMPSON COUNTY NY)

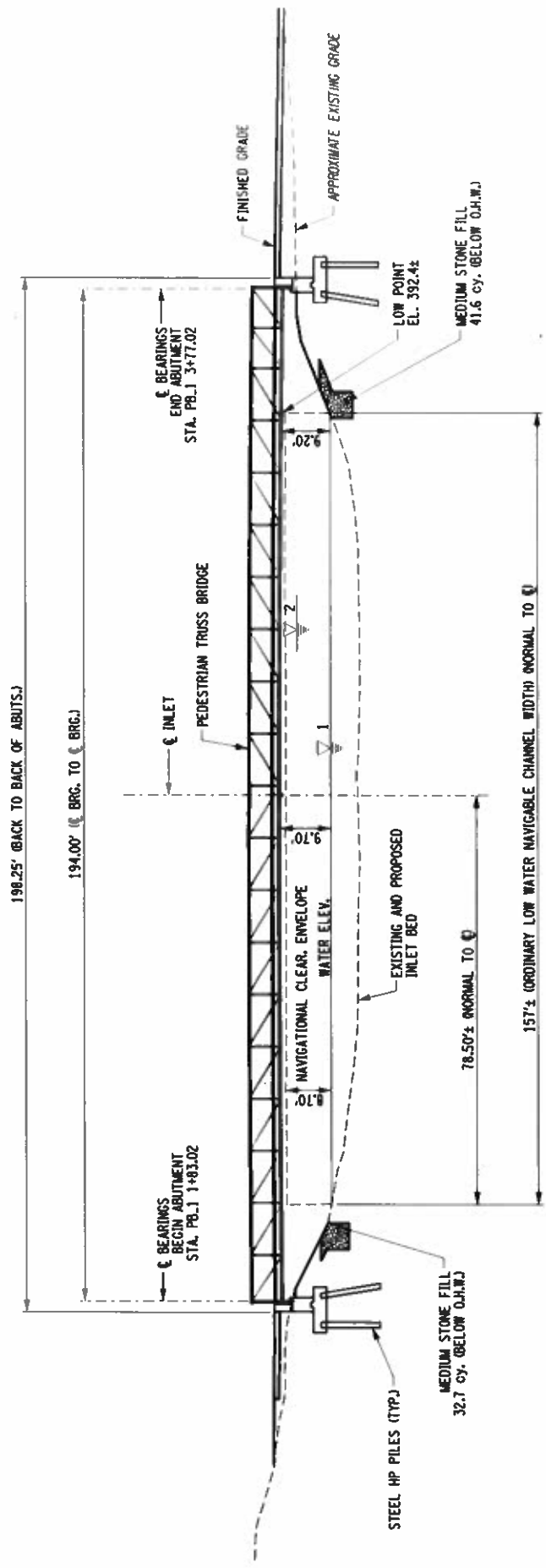
GENERAL PLAN

DATE: 01/07/2022

SHEET 2 OF 4

**WATER ELEVATIONS**

LOCATION	ELEVATION	DESCRIPTION
1	380.84± (OGLD 85)	LOW WATER DATUM
2	387.43± (OGLD 85)	100 YEAR FLOOD



**ELEVATION**

**NOTES:**  
1. CONCEPTUAL PLANS UTILIZED TO OBTAIN BRIDGE PERMIT.



Date: 01/07/2022

**ERDMAN ANTHONY**  
 DESIGN CONSULTANT:  
 18 Coler Ave., Suite 200  
 Ithaca, NY 14850  
 P 565.427.8888  
 F 565.427.8914  
 erdmananthony.com

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 DEPARTMENT OF PUBLIC WORKS  
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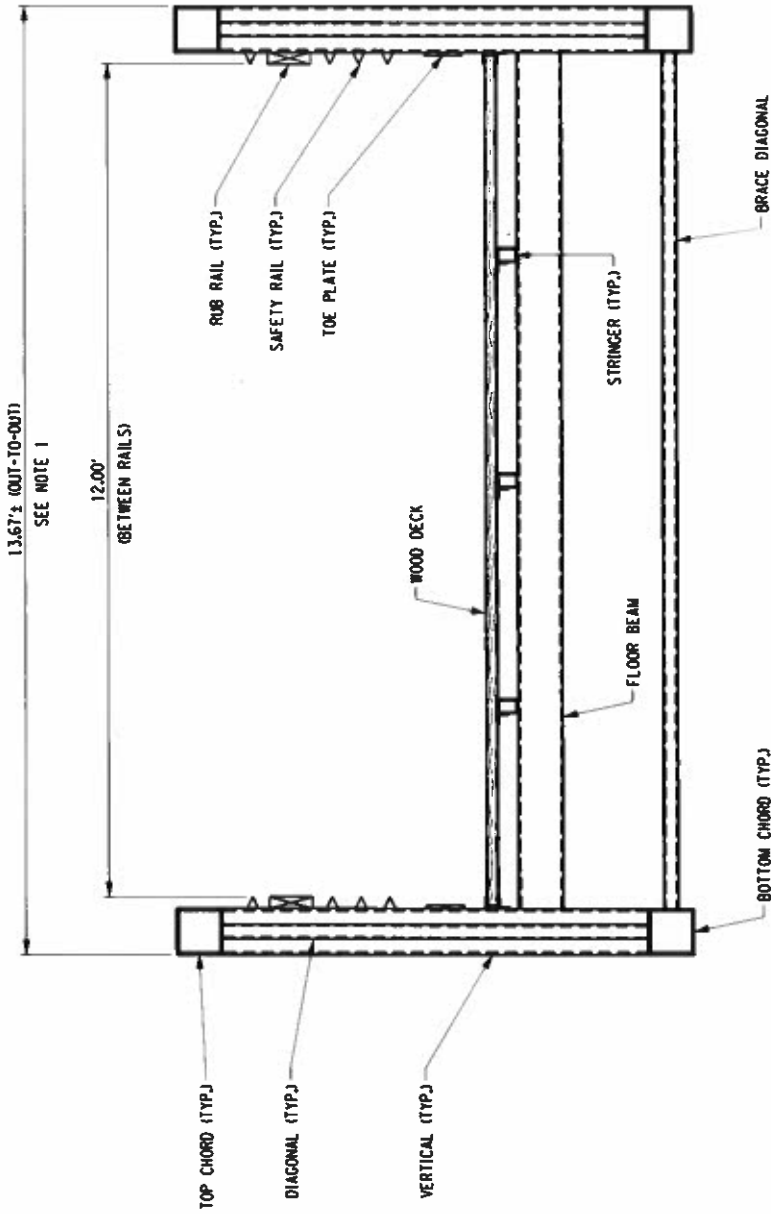
BLACK DIAMOND TRAIL BRIDGE  
 OVER CAYUGA INLET  
 M.P. 1.9 (FROM CONFLUENCE OF MOUTH OF WATERWAY)  
 ITHACA, THOMPSONS COUNTY NY

BRIDGE ELEVATION

DATE: 01/07/2022

SHEET 3 OF 4





TYPICAL SECTION

NOTES:

1. OUT-TO-OUT DIMENSION BASED ON ASSUMED 8" TOP CHORD AND 8" VERTICAL MEMBERS. ACTUAL DIMENSION CAN VARY DEPENDING ON BRIDGE MANUFACTURER.
2. CONCEPTUAL PLANS UTILIZED TO OBTAIN BRIDGE PERMIT.



Date: 01/07/2022



CITY OF ITHACA  
DEPARTMENT OF PUBLIC WORKS  
ENGINEERING DIVISION

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Rochester, NY 14620  
(716) 585-4277  
www.eromananthony.com

BLACK DIAMOND TRAIL BRIDGE  
OVER CAYUGA INLET

M.P. 1.9 (FROM CONFLUENCE OF MOUTH OF WATERWAY  
ITHACA, THOMPSON COUNTY NY

TYPICAL SECTION

DATE: 01/07/2022

SHEET 4 OF 4