

UNITED STATES OF AMERICA
BEFORE THE FEDERAL ENERGY REGULATORY COMMISSION

**DRAFT APPLICATION FOR NEW LICENSE FOR MAJOR PROJECT -
EXISTING DAM**

**EXHIBIT G – PROJECT
BOUNDARY MAPS**

Prepared by: ***Kleinschmidt***

December 2021

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**CRESCENT HYDROELECTRIC PROJECT
RELICENSING**

FERC NO. 4678



**NY Power
Authority**

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Attachments

Crescent Hydroelectric Project (FERC No. 4678) Exhibit G Project Boundary Maps 1-3

1 Detailed Maps

Exhibit G provides maps showing the Project boundary enclosing the Crescent Hydroelectric Project (Project), as described in Exhibit A. The maps conform to the requirements of Section 4.41(h) of the Federal Energy Regulatory Commission's (FERC or the Commission) regulations. Maps of the Project Area showing principal Project features and the Project boundary are included.

2 Project Boundary

The Project boundary is shown on the attached Exhibit G maps. The Project boundary includes all lands necessary for operation and maintenance of the Project. The Applicant possesses property or easement rights to all areas associated with the defined Project boundary.

The Power Authority is proposing minor modifications to the Crescent Project boundary to exclude a small portion of the Barge Canal System, including Lock 6, which are not operated as part of the Project, and are not necessary for Project purposes. The Power Authority's proposal will result in the removal of 14 acres of lands and canal waters from the FERC Project boundary. The proposed Project boundary is shown on the attached Exhibit G maps.

3 Federal Lands

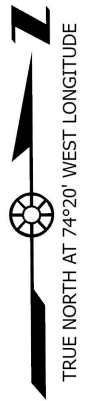
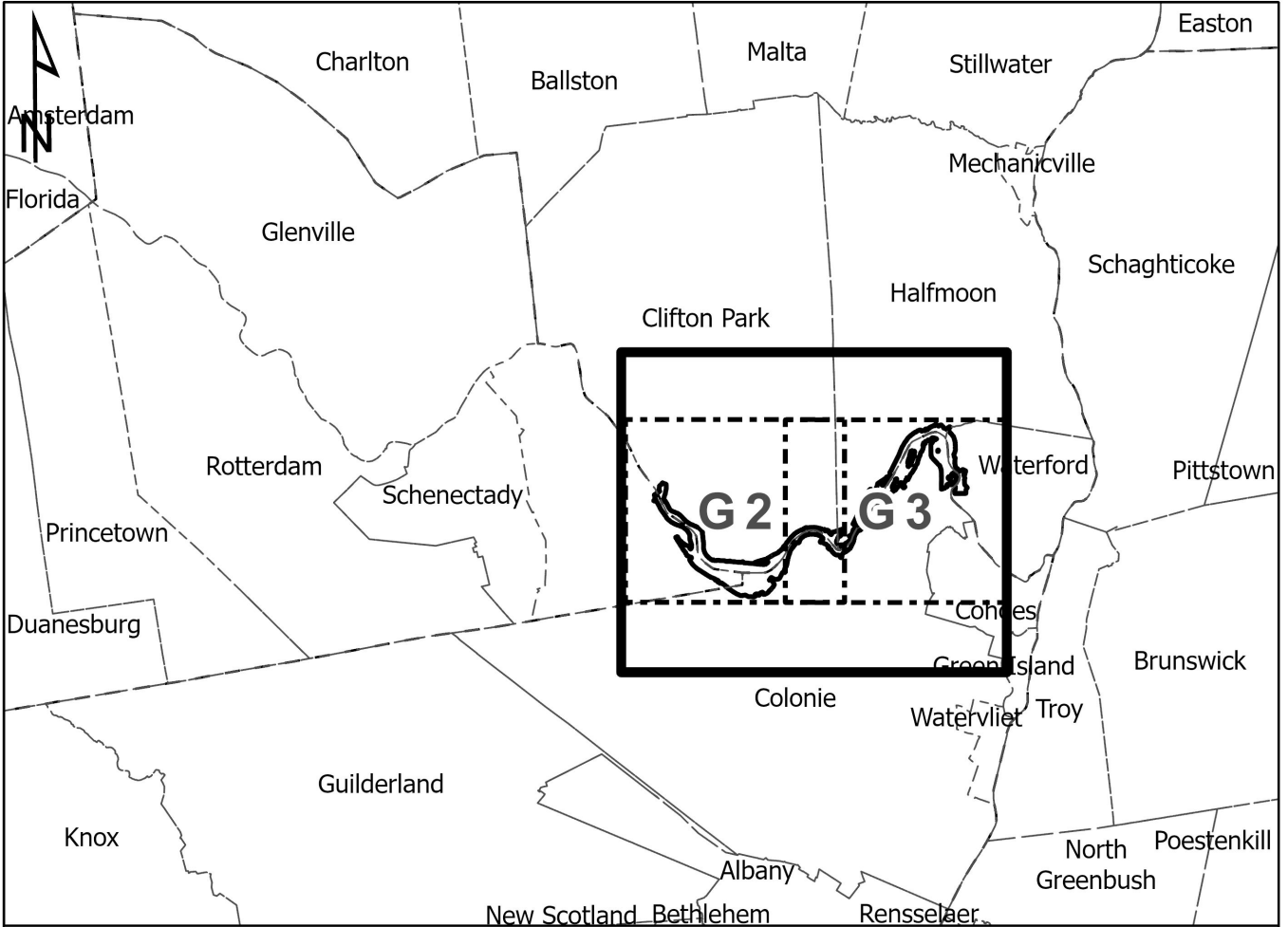
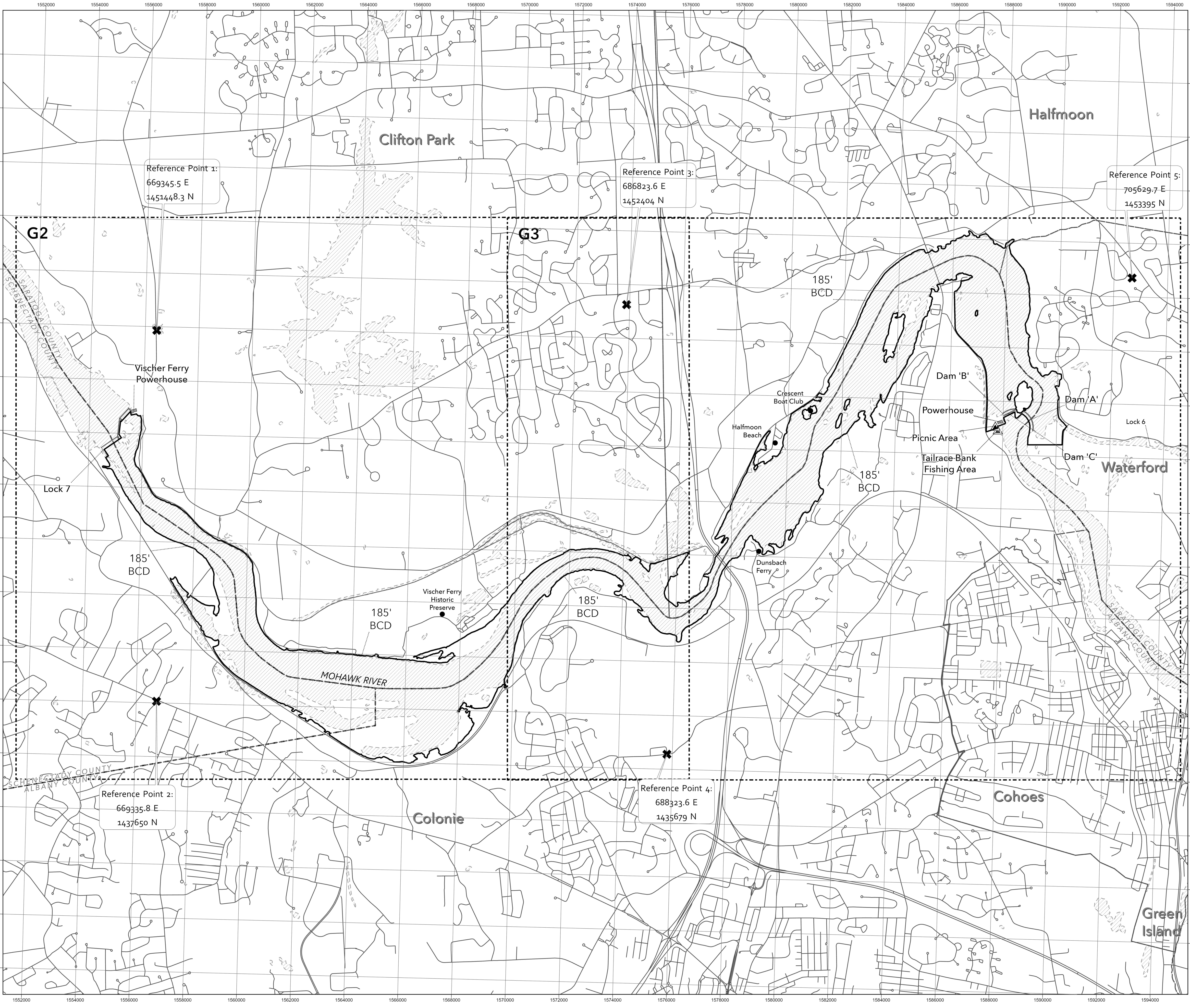
There are no public lands or reservations of the United States within the Project boundary.

4 Non-Federal Lands

The Power Authority has acquired, either through fee, easement, or lease, all land rights necessary to operate the Project. Land to which the Power Authority holds title or right is identified on the attached Exhibit G maps.

5 Project Boundary Data

Final Project boundary data is currently under development and will be provided upon submission of the Final License Application.



- FERC Project Boundary
- Project Facilities
- Formal Recreation Site (NYPA Managed)
- Reference Points
- Map Extents
- Body of Water
- Counties
- City / Town
- Road

Map notes:

1. The Crescent Project is located in the State of New York in Saratoga, Albany and Schenectady County.
2. Reference Point coordinates are shown in NAD 1983 StatePlane New York East FIPS 3101 (US Feet).
3. The vertical datum for this Exhibit G is the Barge Canal Datum (BCD).
4. The project boundary perimeter description will be contained in the Exhibit G Project Boundary Description Table with the Final License Application.
6. The project boundary is defined by elevation contour 185' BCD, which was developed through contour elevations derived from the Capital District 2008 LiDAR Data Collection that meets or exceeds the accuracy requirements in 18CFR4.41. No field surveys have been performed to confirm the boundary locations shown herein.

I CERTIFY THAT THE PROJECT BOUNDARY DELINEATION SHOWN HEREON IS DEVELOPED FROM RECORD PLANS, MAPS, AND DIGITAL ORTHOPHOTOGRAPHY IN THE FILES OF THE POWER AUTHORITY OF THE STATE OF NEW YORK AND THAT SAID BOUNDARY DELINEATION MEETS THE ACCURACY REQUIREMENTS IN 18CFR4.41 SUBJECT TO THE POTENTIAL VARIATION CITED IN GENERAL NOTE 6 ABOVE.

New York Power Association

CRESCENT HYDROELECTRIC PROJECT
FERC NO. 4678

PROJECT BOUNDARY MAP

EXHIBIT G-1

SCALE: 1" = 1,750'

SHEET NO. 1 OF 3

0

1,250

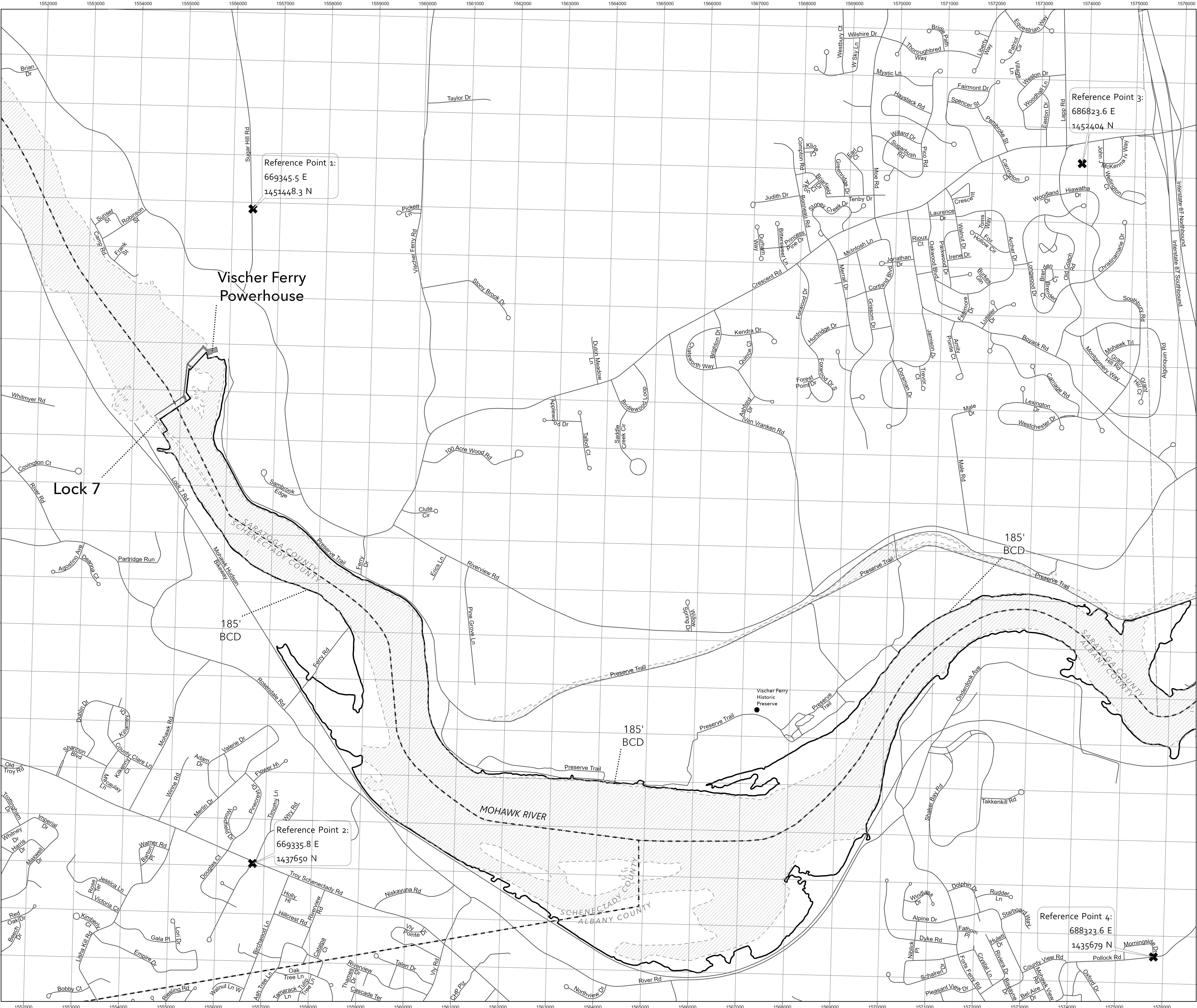
2,500

5,000

7,500

10,000

Feet



- TRUE NORTH AT 74°20' WEST LONGITUDE
- FERC Project Boundary
 - Project Facilities
 - Formal Recreation Site (NYPA Managed)
 - Road
 - Counties
 - City / Town
 - Body of Water
 - Reference Points

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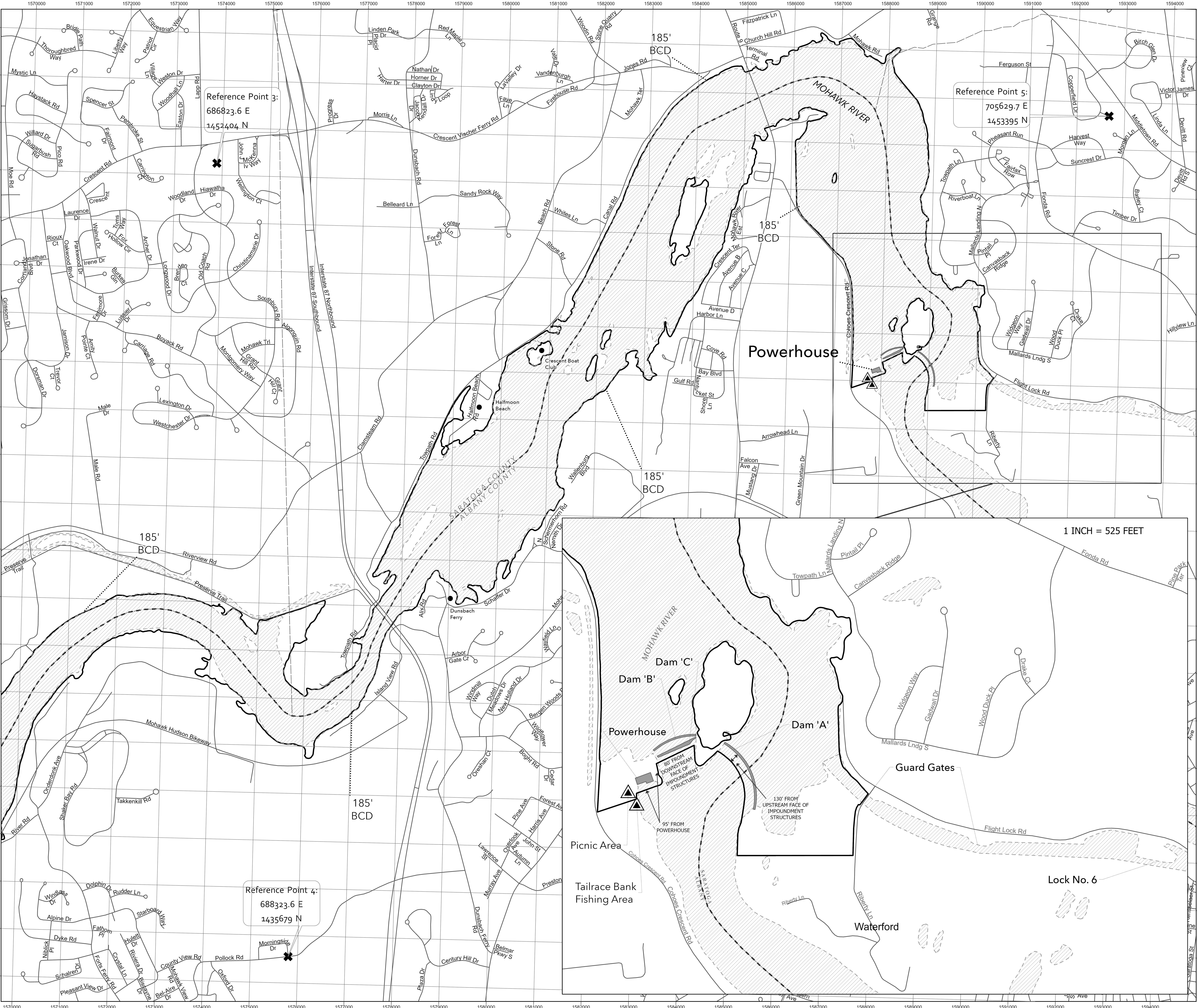
CRESCENT HYDROELECTRIC PROJECT

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PROJECT BOUNDARY MAP

EXHIBIT G-2 SCALE: 1" = 1,000' SHEET NO. 2 OF 3

0 500 1,000 2,000 3,000 4,000 Feet



- Legend:
- FERC Project Boundary
 - Project Facilities
 - Formal Recreation Site (NYPA Managed)
 - Road
 - Counties
 - City / Town
 - Body of Water
 - Reference Points

Map notes:

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PROJECT BOUNDARY MAP

EXHIBIT G-3 SCALE: 1" = 1,000' SHEET NO. 3 OF 3

0 500 1,000 2,000 3,000 4,000 Feet