



**SYRACUSE DIVISION
BUNDLED BRIDGES**

TAS 17-37B, Contract D800001

**DB CONTRACT DOCUMENTS
PART 4
UTILITY REQUIREMENTS**

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PART 4 - UTILITY REQUIREMENTS

4.1 SCOPE

This Part 4 - Utility Requirements provides information on the Design-Builder's overall responsibilities as they relate to existing and/or new utilities, the manner in which utilities are to be protected, relocated, upgraded, constructed or incorporated into the construction, and who will be responsible for the Work.

The Design-Builder's attention is directed to the fact that during the life of this Contract the owners and operators of utilities may make changes to their facilities. These changes may be made by the utility employees or by contract within the Project limits of, or adjacent to, this Contract site(s) and may involve temporary and/or permanent Work(s).

Potential utility conflicts, which were not described in Preliminary Utility Agreements, shall be identified by the Design-Builder and brought to the attention of the Authority and utility owners. Reference is made to Chapter 13 of the New York State Department of Transportation Highway Design Manual, and Standard Specifications and Construction Materials Sections 659-664.

The Design-Builder shall abide by this Part 4. The Design-Builder shall also abide by and fulfill the requirements related to utility facilities or systems included in other Contract Documents.

This Part 4 applies to existing and proposed underground and overhead utilities.

The Design-Builder shall be responsible to verify all utility information provided and to coordinate with the utilities regarding any necessary modification to the utility agreements based on any new information and any further utility work required beyond that indicated in the utility agreements, or in the absence of a preliminary utility agreement, where none were expected, it is the Design-Builder's responsibility to engage the utility and come to an agreement.

If the Design-Builder's design requires additional utility relocations beyond those identified in the utility agreements presented in Appendix C, it is the responsibility of the Design-Builder to suggest revised utility agreements in coordination with the utility owners and submit the revised agreements to the Authority for approval.

4.2 GENERAL

Utilities that may be affected by the Project and the disposition of those utilities are shown in Appendix A. The Design-Builder shall be responsible for resolving any and all utility conflicts that may arise on the Project, except as otherwise specified.

4.2.1 Utility Coordination

The Design-Builder shall coordinate its design and construction efforts with utility owners as set forth in Part 2 - General Provisions of the Contract. All design and construction work performed by the Design-Builder shall be coordinated with the utility owners, and shall be subject to the Preliminary DB Utility Work Agreements if any provided, utility standards and applicable provisions of the Contract Documents.

The Design-Builder shall notify the Authority at least five working days in advance of each meeting with a utility owner's representative scheduled by the Design-Builder and shall allow the Authority the opportunity to participate in each meeting. The Design-Builder shall also provide the Authority with copies of all correspondence between the Design-Builder and any utility owner, within seven days after receipt or sending, as applicable.

4.2.2 Utility Coordination Manager

The Design-Builder shall utilize a single dedicated person responsible for managing all utility coordination. This person shall be referred to as the Utility Coordination Manager. The Design-Builder's Utility Coordination Manager shall be responsible for managing all utility coordination, including, but not limited to, the following:

- A) Ensuring that all utility coordination and activities are conducted in accordance with the requirements of the Contract Documents;
- B) Identifying all existing utilities and coordinating any new utility installations;
- C) Reviewing Authority prepared proposed utility permit application packages and commenting on each permit application as related to the Design-Builder's utility relocation drawings;
- D) Attending utility meetings, preparing and distributing minutes of all utility meetings, and ensuring expedient follow-up on all unresolved issues;
- E) Distributing all plans, conflict matrixes and changes that affect utility owners and making sure this information is properly coordinated;
- F) Coordinating the execution and performance of Work required for any utility Work needed within the Project;
- G) Preparing and coordinating the execution of Final DB Utility Work Agreements between the Design-Builder, Authority, and utility owners;
- H) Assisting with the resolution of utility conflicts;
- I) Providing periodic Project updates to the Authority's Project Manager as requested; and
- J) Coordination with the Authority on any issues that arise concerning reimbursement of utility work costs.

4.2.3 Utility Relocation Design

The Responsibility for design of relocations covered by a DB Utility Work Agreement (DB-HC140) shall be as set forth in each such DB Utility Work Agreement. The DB Utility Work Agreements shall allocate responsibility for the design of utility relocations that are subject to such DB Utility Work Agreements. The Design-Builder shall clearly indicate the allocation of responsibility for the design of utility relocations on the Utility Relocation Plans.

4.2.4 Scheduling Utility Relocation Work

The Design-Builder shall allow in its Baseline Progress Schedule and monthly updates, the time required for utility owners to accomplish the tasks and activities for which they are responsible, as specified in the Preliminary DB Utility Work Agreements (if applicable), Relocation Plans, and in this Part 4.

4.2.5 Utility Design and Construction Constraints

All utilities (whether designed and/or constructed by the Design-Builder or the utility owner) within the Project Limits that are to be newly installed temporarily or permanently, relocated or upgraded shall be placed in accordance with the NYSDOT's utility regulations and policies, unless otherwise approved by the Authority.

For each relocation, or installation, the Design-Builder, in coordination with the utility owner, shall be responsible for verifying that the relocated utility, as designed and constructed, is compatible with and interfaces properly with the Project. The Design-Builder shall be responsible for protecting any and all utilities that must be protected in order to permit construction of the Project.

4.2.6 Standard of Care Applicable to Utility Work

The Design-Builder shall be responsible for complying with 16 NYCRR Part 753 ("Part 753"), and requesting mark outs for utilities that are not members of the One Call System as defined in Part 753. A list of known utility operators that are not members of the One Call System with facilities within the Project area is included in Appendix B. The Design-Builder shall carry out its work carefully, and skillfully, and shall support, and secure utilities so as to avoid damage and keep them satisfactorily maintained and functional. The Design-Builder shall not move or remove any utility without the utility owner's written consent unless otherwise directed by the Authority.

The Design-Builder shall be responsible for the cost of repair of any utilities damaged by the Design-Builder. In the event of any such damage, the Design-Builder shall notify the affected utility owners and the Authority, and shall enter into an agreement with such utility owner allocating responsibility for design and construction of any such repairs, and the schedule for completing the repairs. All such repairs made by the Design-Builder shall be performed in a good and workmanlike manner. If the utility owner undertakes the repairs and the Design-Builder fails to make any required payment within 30 days after the repairs have been completed and the Design-Builder's receipt of the utility owner's invoice therefore, the Authority will have the right to pay the utility owner from the Authority's funds and/or deduct an amount sufficient to cover the cost from any moneys due or that may become due the Design-Builder under this Contract.

The Design-Builder shall include provisions for its obligations with respect to utilities in its accepted Quality Control Plan.

4.2.7 Coordination with Utility Owners

The Design-Builder shall make diligent effort to obtain the cooperation of each utility owner as necessary for the project. If the Design-Builder becomes aware that a utility owner is not cooperating in providing needed work or approvals, the Design-Builder shall notify the Authority immediately of such problem. After such notice, the Design-Builder shall continue to diligently seek to obtain the utility owner's cooperation, and the Authority and Design-Builder each shall assist the other party as reasonably requested by such other party with regard to the problem.

The Design-Builder shall provide information as required and maintain close coordination with the Authority and utility owners to achieve timely relocations, new installations and new service connections necessary as part of the Design-Builder's design and construction.

4.3 AFFECTED UTILITIES

4.3.1 Design-Builder's Responsibilities

With respect to utilities for which the Authority has identified a specific utility owner and conflict, the Design-Builder's responsibilities shall include:

- A) Verifying utility locations;
- B) Identifying potential conflicts not previously identified; and
- C) Coordinating and/or designing/constructing utility relocations and/or new utilities and the protection of existing utilities in accordance with this Part 4 and any additional requirements of the utility owner(s) as set forth in the relevant Preliminary DB Utility Work Agreement(s) included in Appendix C hereto; and
- D) Preparing and coordinating the execution of Final DB Utility Work Agreements between the Design-Builder, Authority, and utility owners.

With respect to any unknown utilities that are subsequently identified by the Design-Builder, the Design-Builder shall be responsible for identifying the ownership of each facility or line identified which requires either relocation or protection, and for all those responsibilities set forth in A through D, above; provided, however, that with respect to item C, the Design-Builder shall be responsible for negotiating and entering into a DB Utility Work Agreement with the Authority and the Utility Owner for such previously unknown utilities and/or utilities for which no owner had been previously identified, and the Design-Builder's responsibilities in item C shall apply with respect to each such DB Utility Work Agreement.

4.3.2 Prior Authority Actions

The Authority has coordinated its efforts with all known utility owners and has:

- A) Developed a contact list;
- B) Identified potential utility conflicts; and

- C) Developed Preliminary DB Utility Work Agreements as set forth in Appendix C hereto.

4.3.3 Design Builder's Coordination Requirements

The Design-Builder shall be responsible for coordination with utility owners. It is important that Utility Owners be kept informed of the Design-Builder's activities and schedule. In addition to satisfying any requirements set forth in applicable Governmental Rules and Standards, including but not limited to Part 753, the One-Call notification requirements referenced in DB § 107-15, and in any DB Utility Work Agreements that may have been executed, the Design-Builder shall undertake the following activities, which have been identified by the Authority as important to utility owners:

- A) Keep utility owners well informed of construction schedules and notify the utility owners at least twenty-four hours in advance of any work in the vicinity of the utility owners' facilities, that will not impact service;
- B) Keep utility owners well informed of changes that affect their facilities;
- C) In addition to any required notice, give the utility owners a minimum of 48 hours' notice of potential impacts to service, unless longer notification times are specified elsewhere in this Part 4 or any DB Utility Agreements that may have been executed;
- D) Ensure utility owners are involved in making the decisions that affect their own facilities and services;
- E) Cooperate with the utility owners to solve relocation/installation issues to the extent that such relocations/installations are consistent with the Design-Builder's Scope of Work as otherwise set forth in the Contract Documents and without causing the Authority to incur any unnecessary expense to the Project, or causing the utility owners to incur unnecessary expense;
- F) Act diligently in continuing the positive relationship that the Authority has developed with the utility owners; and
- G) Coordinate with those utility owners who perform their own work by scheduling adequate time to accomplish their work.

4.3.4 Design Reviews

The Design-Builder shall invite affected utility owners to participate in all pertinent Design-Builder's and Authority's Design Reviews (see DB § 111).

Some utility owners may design and/or construct any required utility relocations and revisions for their utilities. The Design-Builder shall be required to incorporate these utility designs into its own design prior to the Design Review.

4.3.5 Meetings and Coordination

The Design-Builder shall schedule meetings with each utility owner, the Design-Builder and the Authority. These meetings are for the purpose of reviewing all items related to the utility Work, including all items which affect the Baseline Progress Schedule, the time required to procure construction material and the period of time utility service may be curtailed. These meetings will also be used to reach concurrence on the number and extent of known affected utility lines or issues, to discuss the possible elimination of conflicts, to establish the methods to be used at each specific location and procedures for addressing conflicts discovered during design and/or construction.

The Design-Builder shall jointly schedule at least monthly utility meetings with the Authority or their duly authorized representative to discuss project progress, issues, and planned work for all phases of utility work including design and construction. These meetings shall include the Design-Builder's and the Authority's personnel with responsibilities for utilities. The Design-Builder and the Authority will jointly develop the agenda for these meetings. The Design-Builder shall be responsible for providing meeting facilities unless otherwise agreed. The Design-Builder shall keep minutes of the coordination meetings and distribute copies of the minutes to participants, including representatives of utility owners (even if not present) who have facilities in the areas reviewed, within five working days after the meeting date.

4.4 STANDARDS AND REFERENCES

The Design-Builder shall perform the utility work in accordance with the Contract Requirements, including this Part 4, the applicable Standards, Codes and Manuals listed in Part 3 – Project Requirements and the standards required by the various utility companies affected by the work.

The Design-Builder shall obtain clarification of any unresolved ambiguity prior to proceeding with design or construction.

4.5 DESIGN BUILDER RESPONSIBILITIES

The Design-Builder shall be responsible for coordinating its design and construction work with utility work as indicated herein, consistent with and subject to the terms and conditions set forth in DB §104.

The Design-Builder shall identify and resolve all utility conflicts, and shall coordinate the construction, relocation, removal and/or protection of each affected utility with the applicable utility owner. If the Design-Builder discovers utilities not identified in Appendix A of this Part 4 that are affected by the construction, the Design-Builder shall immediately suspend construction operations at the site affected by such utility and shall notify the Authority within 24 hours of discovery of such previously unknown utilities. The Design-Builder and the Authority shall cooperate in identifying and notifying the utility owner.

4.5.1 Cost of Temporary Relocations

The Design-Builder shall be responsible for the cost of temporary utility relocations, including the cost of obtaining temporary easements, necessary to accommodate its own construction operations and/or methods, other than temporary relocations that are necessary for the construction of the Project permanent works.

4.5.2 Relocation Permits

Where the Design-Builder is performing utility relocation construction Work, the Design-Builder shall obtain utility permits, roadway permits and work permits and comply with all applicable utility regulations. If the Design-Builder has reasonable cause to believe that a utility owner does not have necessary approvals, or is in violation of the approvals, the Design-Builder shall notify the Authority immediately after discovery.

4.5.3 Point of Contact

The Design-Builder shall coordinate, cooperate and Work with the contact person designated by the utility owner. Table A-1 in Appendix A of this Part 4 presents contact details by utility owner.

4.5.4 Instructions and Authorizations

The Design-Builder shall be responsible for obtaining specific written instructions and authorization from the utility owner, for any design or construction the Design-Builder performs on behalf of the utility owner, and for verifying that they are consistent and compatible with the Design-Builder's design.

4.5.5 Verification of Utility Locations and Marking of Locations in the Field

The Design-Builder shall be responsible for verifying the exact location of each affected utility on the Project regardless of the information that has been provided by the Authority or the utility owner.

The Design-Builder shall comply with NYCRR 16 Part 753 to mark utility locations.

4.5.6 Components of Utilities

The Design-Builder shall consider necessary appurtenances to each utility facility (such as the utility source, guide poles, guy wires, feeder service lines, supports, etc.) as part of the utility.

4.5.7 Utility Owner's Right to Inspect

The utility owner has the right to inspect the work on its facilities that is to be performed by the Design-Builder.

4.5.8 Design-Builder-Caused Changes to Utility Owner Work

If the utility owner maintains responsibility for the design and/or construction and the Design-Builder revises the conditions, the Design-Builder shall be responsible for the costs and schedule delays related to the change.

4.5.9 Abandoned Utilities

Unless otherwise directed by the Department, and the utility owners, the Design-Builder shall remove abandoned utilities and utilities proposed for abandonment within the New York State Thruway Authority's Right Of Way. Any work to remove or abandon in place any utilities shall be considered "Incidental Utility Work" and subject to the provisions of DB §104-4.2.7(E).

4.5.10 Quality Control

The Design-Builder shall provide Quality Control for all the utility relocation work, performed by the Design-Builder, in accordance with DB §§ 111 and 112.

4.5.11 Changes to Design

All changes to designs that have received the Authority 's or utility owner's consultation and written comment and/or utility owner's approval shall be dealt with in accordance with DB §111, including obtaining the Authority 's and utility owner's consultation and written comment and/or approval for the change.

4.5.12 Design-Builder Design and/or Construction

The Design-Builder shall be responsible for the utility relocation design and/or construction as provided in Part 2 - General Provisions. The Utility Work set forth in Appendix A and the Preliminary DB Utility Work Agreements set forth in Appendix C (if any) indicate the allocation of responsibility between the Design-Builder and the identified utility owners for relocation design and/or construction of the utility facilities. Subject to Part 2 - General Provisions, Design-Builder is responsible for all relocation costs and the Contract Price includes the price for such Work.

4.5.13 Design Review

The Design-Builder shall submit its utility relocation plans to the Authority's Design Quality Assurance Engineer and to the utility owner for work performed by the Design-Builder, for consultation and written comment. See also DB §111.

4.5.14 Construction Record

The Design-Builder shall maintain a record of the design and construction activities of all utility facilities that have been performed by the Design-Builder, and have been designed and released for construction after Notice to Proceed. Individual files shall include a record of the following information:

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- A) Design Plans that have been reviewed by the utility owner and received consultation and written comment by the Department;
- B) Notification of construction dates;
- C) Record of meetings with utility owner;
- D) Signature of utility owner inspector on Design Plans (optional);
- E) Record of utility owner inspector present at any time;
- F) Any revisions to the Design Plans;
- G) Dates of construction completed;
- H) All other as-built requirements stipulated in this Part 4;
- I) Any executed Final DB Utility Work Agreements (three-party agreements).

4.5.15 Utility Damage Reports

In the event that the Design-Builder damages an existing utility, the Design-Builder shall complete a utility damage report within 24 hours of damage and submit it to the Authority. The Design-Builder shall report any utility facilities damaged immediately to the utility owner and the Authority. The Design-Builder is responsible for developing a utility damage report form to use in the event a utility is damaged. The report shall be submitted to the Authority's Project Manager. The following information shall be included:

- A. Utility Damage Information
 - 1. Exact location;
 - 2. Date and time of incident;
 - 3. Date and time reported;
 - 4. The weather the day of incident;
 - 5. Description of the incident;
 - 6. Who the damage was reported to;
 - 7. Who the damage was repaired by;
 - 8. Representative digital color photographs.
- B. Utility Owner Information
 - 1. Utility owner;
 - 2. Utility owner contact;
 - 3. Time utility owner was contacted.
- C. Locator Information
 - 1. Locator service;

2. Date of locate request;
3. Locate expiration date;
4. Locate log number;
5. If damaged utility line was marked;
6. Distance from damage to mark.

D. Design-Builder Information

1. Name of supervisor;
2. Name of foreman;
3. Name of witness.

E. Signatures

1. Design-Builder's supervisor;
2. Utility owner;
3. Locator service.

4.5.16 Protection of Utility Facilities

The Design-Builder shall prepare a protection plan for all utility facilities to be left in place and protected. The Design-Builder shall also obtain written approval of the plan from each utility owner of the specific facility to be protected.

4.5.17 Utility Relocation Master Plan

The Design-Builder shall coordinate with the utilities to prepare a utility relocation master plan after the Design Builder has advanced the Project design sufficiently to clearly define utility impacts. The Design Builder shall update the plan at least quarterly throughout the duration of the Contract. Updates shall be submitted to the Authority for consultation and written comment.

4.5.18 Betterments

The Preliminary DB Utility Work Agreements set forth in Appendix C, if any, address any Betterments that have been agreed to by the Authority and utility owners whose facilities are subject to a DB Utility Work Agreement.

If any utility owners whose facilities are subject to a Preliminary DB Utility Work Agreement request that the Design-Builder design or construct Betterments that are not addressed in the relevant Preliminary DB Utility Work Agreement, the Design-Builder shall be solely responsible for any Betterments that the Design-Builder agrees to provide that are not addressed in the relevant Preliminary DB Utility Work Agreement. Some utility owners with whom the Design-Builder and the Authority will be entering into a DB Utility Work Agreement may request Betterments to their facilities as a result of required relocations of their lines. The costs of any such Betterments shall be resolved between the Authority, the Design-Builder and the utility owners in their respective DB Utility Work Agreements. The forms of DB Utility Work Agreements attached hereto as Appendix C, if any, provide a template provision addressing

agreed upon Betterments. The Authority shall have no responsibility, actual or implied, with respect to any Betterments, and all Betterments shall be subject to the Authority's permitting process.

4.6 DESIGN AND APPROVAL OF THE UTILITY RELOCATION PLANS

After the Design-Builder has advanced the Project design sufficiently to clearly define utility impacts, the Utility Relocation Plans shall be prepared by the Design-Builder. If the utility owner is preparing the design, the Design-Builder and the Authority shall review the Utility Relocation Plans to be sure that they are consistent with the Design-Builder's design. Upon review by the utility owner and the Design-Builder, and consultation and written comment by the Authority, the utility relocations may be constructed. Any subsequent revisions to the Utility Relocation Plans will require the review of the affected utility owner and the Authority's consultation and written comment.

4.7 SUBMITTALS

4.7.1 Design

All design Work shall be coordinated between the utility owners and the Design Builder. If the relocation plans are to be developed by the Design-Builder, the Design-Builder shall furnish to the Authority prior to the start of construction of each utility relocation, Utility Relocation Plans and Project Specifications completed to the levels of design and stages of design development and reviewed and certified per DB §111.

Designs prepared by the utility owner shall be reviewed and approved by the Design-Builder and receive the Authority's consultation and written comment, for consistency and compatibility with the Design-Builder's design. Prior to construction, the Authority will review all designs, whether by the Design-Builder or the utility owner.

4.7.2 Construction

The Design-Builder shall provide two sets of As-Built Utility Relocation Plans to the Authority and each utility owner for utility relocation work constructed by the Design-Builder. The Design-Builder should also reflect in the As-Built plans any work that is performed by the utility companies within the project limits. The As-Built Utility Relocation Plans shall comply with As-Built requirements stipulated in the Authority's Utility Standards and shall include any utilities abandoned and not removed. The As-Built Utility Relocation Plans shall be part of the Project As-Built Plans.

4.8 DELIVERABLES

Unless otherwise indicated, all deliverables shall be submitted in both electronic format and hardcopy format. Acceptable electronic formats include Microsoft Word®, Microsoft Excel®, Bentley MicroStation version V8, or searchable portable document format (PDF) files, unless otherwise indicated.

New York State Thruway Authority

At a minimum, the Design-Builder shall submit the items listed in Table 4.9-1 to the Authority.

Table 4.9-1 – Deliverables

Deliverable	Number of Copies		Submittal Schedule
	Hardcopy	Electronic	
Utility Tracking Report	3	1 (PDF)	Weekly until Physical Completion.
Utility Design Sheet	3	1 (PDF)	Two days prior to initial meeting with utility owner
DB Utility Work Agreements	2	1 (PDF)	Seven days after construction of the utility identified

New York State Thruway Authority

APPENDIX A UTILITY REQUIREMENTS

The Authority has reviewed the potential Project limits and has made a preliminary assessment of which utility facilities located within the potential Project limits may be impacted by the Project

The Authority has conducted advanced utility coordination with the utility companies listed below.

A-1 UTILITY COMPANIES

Tables A-1 through A-n lists the utility companies with facilities located on, under or above the Project roadways and/or structures:

Table A-1 Utility Contacts – BIN 1020079

Utility Owner	Contact	Contact #	E Mail
TELECOM	LEE KELLY	315-459-5057	Lee.Kelly@Verizon.com
ELECTRIC	THOMAS GOZELSKI	716-831-7756	Thomas.Gozelski@us.ngrid.com
	FRANK SCIORTINO	315-428-5075	
	DONALD AMBROSE	315-440-2115	Donald.Ambrose@nationalgrid.com
NATURAL GAS	JOE SANTARO	315-428-5436	Joseph.Santaro@nationalgrid.com
CABLE	PATRICK BUCKLEY	315-634-6053	pat.buckley@twcable.com
LOCAL WATER	SCOTT BLAIS	315-866-0150	office@village.herkimer.ny.us
SANITARY SEWER	SCOTT BLAIS	315-866-0150	office@village.herkimer.ny.us
FIBER OPTIC	GREG SHELDON	518-436-3143	Gregory.Sheldon@thruway.ny.gov

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Table A-2 Utility Contacts – BIN 5009929

Utility Owner	Contact	Contact #	E Mail
TELECOM	LEE KELLY	315-459-5057	Lee.Kelly@Verizon.com
ELECTRIC	THOMAS GOZELSKI	716-831-7756	Thomas.Gozelski@us.ngrid.com
	FRANK SCIORTINO	315-428-5075	
	DONALD AMBROSE	315-440-2115	Donald.Ambrose@nationalgrid.com
NATURAL GAS	JOE SANTARO	315-428-5436	Joseph.Santaro@nationalgrid.com
CABLE	PATRICK BUCKLEY	315-634-6053	pat.buckley@twcable.com
	JOSHUA	844-777-3691	
LOCAL WATER	JOHN WATERS	315-724-9812	
SANITARY SEWER	JOHN WATERS	315-724-9812	
PETROLEUM PIPELINE	SCOTT HOHN	315-374-1737	sdhohn@buckeye.com
		315-223-1523	
FIBER OPTIC	GREG SHELDON	518-436-3143	Gregory.Sheldon@thruway.ny.gov

Table A-3 Utility Contacts – BIN 5512980

Utility Owner	Contact	Contact #	E Mail
Verizon-Phone	Sandy Kogan	908-203-4827	
National Grid-Elec	Don Ambrose	315-440-2115	donald.ambrose@nationalgrid.com
National Grid-Gas	Joe Santoro	315-428-5436	joseph.santoro@nationalgrid.com
Harron-Aldelphia-Cable	Steve Moran	315-797-8111	
LOCAL WATER	NA		
NYSTA/G4S-Fiber Optic	Greg Sheldon	518-436-3143	gregory.sheldon@thruway.ny.gov

New York State Thruway Authority

Table A-4 Utility Contacts – BIN 5516071 & 5516072

Utility Owner	Contact	Contact #	E Mail
TELECOM	LEE KELLY R. BONANZA	315-459-5057 315-738-7348	Lee.Kelly@Verizon.com
HARRON- ADELPHIA	STEVE MORAN	315-797-8111	
FIBER OPTIC	GREG SHELDON	518-436-3143	Gregory.Sheldon@thruway.ny.gov

Table A-5 Utility Contacts – BIN 5510090

Utility Owner	Contact	Contact #	E Mail
TELECOM	SANDY KOGAN LEE KELLY	908-203-4827 315-459-5057	Lee.Kelly@Verizon.com
ELECTRIC	THOMAS GOZELSKI	716-831-7756	Thomas.Gozelski@us.ngrid.com
GAS	SYRACUSE SUBURBAN GAS		
TRANSMIT/CCTV	SAM MORRIS	518-471-5093	Sam.Morris@thruway.ny.gov
FIBER OPTIC	GREG SHELDON	518-436-3143	Gregory.Sheldon@thruway.ny.gov
FIBER OPTIC	AUTRY MEEKER	501-748-5234	Autry.Meecker@Windstream.com

Table A-6 Utility Contacts – BIN 5512790

Utility Owner	Contact	Contact #	E Mail
Village of Canastota (elec., sewer, water)	Larry Carpenter	315-697-7559	larry.carpenter@canastota.com
National Grid (Electric)	Donald Ambrose	315-440-2115	donald.ambrose@nationalgrid.com
Buckeye Partners (Petroleum)	Steve Hohn	315-223-1523	shohn@buckeye.com
Fiber Optic	Greg Sheldon	518-436-3143	gregory.sheldon@thruway.ny.gov

Table A-7 Utility Contacts – BIN 5510130

Utility Owner	Contact	Contact #	E Mail
Buckeye Partners (Petroleum)	Scott Hohn	315-374-1737	sdhohn@buckeye.com
Fiber Optic	Greg Sheldon	518-436-3143	Gregory.Sheldon@thruway.ny.gov

A-2 UTILITY INVENTORY

The types, sizes and approximate locations of utilities present in the immediate project area are described below.

A-2.1 BIN 1020079

A-2.1.1 Telecommunications

A-2.1.1.1 Verizon Communications

Existing underground facilities and manholes are located approximately 105 ft. north of the NYS Thruway centerline. Existing aerial facilities cross Mohawk St. approximately 110 ft. south of the NYS Thruway centerline.

A-2.1.1.2 Spectrum Cable

Existing aerial facilities cross Mohawk St. approximately 110 ft. south of the NYS Thruway centerline.

A-2.1.2 Electric

A-2.1.2.1 National Grid

Existing aerial and underground facilities are located approximately 110 ft. south of the NYS Thruway centerline. Both aerial and underground facilities cross Mohawk St. at several locations. Underground facilities are also located adjacent to the existing east abutment approximately 115 ft. east of the centerline of Mohawk St. and approximately 75 ft. north of the NYS Thruway centerline.

A-2.1.3 Natural Gas and Petroleum

A-2.1.3.1 National Grid

The existing gas line is located approximately 60 ft. west of the Mohawk St. centerline and adjacent to the existing west abutment. A connection to the main service line is also located near the east abutment approximately 60 ft. east of the Mohawk St. centerline.

A-2.1.4 Water and Sewer

A-2.1.4.1 Village of Herkimer

The existing waterline is located on Mohawk St. approximately 30 ft west of the Mohawk St. centerline.

A-2.1.4.2 Village of Herkimer Sanitary Sewer

The existing sanitary sewer line is located approximately 100 ft. south of the NYS Thruway centerline.

A-2.1.5 Other Utilities

A-2.1.6 NYS Thruway Fiber Optic Line/G4S

The existing fiber optic line is located approximately 110 ft. south of the NYS Thruway centerline.

A-2.1.7 Utility Service Connections

None known.

A-2.2 BIN 5009929

A-2.2.1 Telecommunications

A-2.2.1.1 Verizon Communications

Existing aerial facilities cross Oriskany Blvd. and are located approximately 100 ft. north of the NYS Thruway centerline then run adjacent to the east side of Oriskany Blvd. approximately 35 ft. east of the Oriskany Blvd. centerline.

A-2.2.1.2 Spectrum Cable

Existing aerial facilities cross Oriskany Blvd. approximately 100 ft. north of the NYS Thruway centerline then run adjacent to the east side of Oriskany Blvd. approximately 35 ft. east of the Oriskany Blvd. centerline.

A-2.2.2 Electric

A-2.2.2.1 National Grid

Existing aerial facilities cross Oriskany Blvd. approximately 100 ft. north of the NYS Thruway centerline then run adjacent to the east side of Oriskany Blvd. approximately 35 ft. east of the Oriskany Blvd. centerline. Aerial facilities are also located approximately 125 ft. south of the NYS Thruway centerline along Watkins Street.

A-2.2.3 Natural Gas and Petroleum

A-2.2.3.1 National Grid

An existing 12" steel gas line is located approximately 40 ft. west of Oriskany Blvd. in the immediate vicinity of the structure. North of the bridge, the gas line is located approximately 45 ft., east of Oriskany Blvd.

A-2.2.3.2 Buckeye Partners, L.P. Petroleum Pipeline

The existing petroleum pipeline runs parallel to the NYS Thruway approximately 140 ft. south of the NYS Thruway centerline.

A-2.2.4 Water and Sewer

A-2.2.4.1 Oneida County – Water Quality & Pollution Control

An existing waterline is located approximately 35 ft. east of Oriskany Blvd.

A-2.2.4.2 Oneida county – Water Quality & Pollution Control Sanitary Sewer

The existing sanitary sewer line is located solely north of the NYS Thruway mainline approximately 35 ft. east of Oriskany Blvd.

A-2.2.5 Other Utilities

A-2.2.5.1 NYS Thruway Fiber Optic Line

The existing fiber optic line runs parallel to the NYS Thruway approximately 90 ft. north of the NYS Thruway centerline.

A-2.2.6 Utility Service Connections

None known.

A-2.3 BIN 5512980

A-2.3.1 Telecommunications

A-2.3.1.1 Verizon Communications

Aerial, 52' +/- west of bridge centerline.

A-2.3.1.2 Harron/Aldelphia Cable

Aerial, 52' +/- west of bridge centerline.

A-2.3.2 Electric

A-2.3.2.1 National Grid

Aerial, 52' +/- west of bridge centerline.

A-2.3.3 Natural Gas and Petroleum

A-2.3.3.1 National Grid

Underground, 195' +/- south of Thruway centerline.

A-2.3.4 Water and Sewer

A-2.3.4.1 Local Water Company Name – N/A

None known.

A-2.3.5 Other Utilities

A-2.3.5.1 NYS Thruway Fiber Optic Line/G4S

Underground, 130' +/- north of Thruway centerline.

A-2.3.6 Utility Service Connections - none

None known.

A-2.4 BIN 5516071 & 5516072

A-2.4.1 Telecommunications

A-2.4.1.1 Verizon Communications

Existing underground telephone is located within 4" plastic conduit approximate 180 ft. west of the existing structures.

A-2.4.1.2 Harron-Adelphia Cable

An existing aerial cable cross the NYS Thruway mainline approximately 180 ft. west of the existing structures.

A-2.4.2 Electric

A-2.4.2.1 Company Name – N/A

A-2.4.3 Natural Gas and Petroleum

A-2.4.3.1 Company Name – N/A

A-2.4.4 Water and Sewer

A-2.4.4.1 Local Water Company Name – N/A

None known.

A-2.4.5 Other Utilities

A-2.4.5.1 NYS Thruway Fiber Optic Line/G4S

The existing Fiber Optic line is located approximately 64 ft. north from the westbound shoulder edge of the NYS Thruway Authority mainline.

A-2.4.6 Utility Service Connections

None known.

A-2.5 BIN 5510090

A-2.5.1 Telecommunications

A-2.5.1.1 Verizon Communications

An existing Verizon owned conduit is located under the Thruway mainline.

A-2.5.2 Electric

A-2.5.2.1 National Grid

Existing underground electric is located in the vicinity of the existing structure.

A-2.5.3 Natural Gas and Petroleum

A-2.5.3.1 Syracuse Suburban Gas

An existing gas line is located approximately 150 ft. north of the NYS Thruway mainline west of the existing structure.

A-2.5.4 Water and Sewer

A-2.5.4.1 Local Water Company Name – N/A

None known.

A-2.5.5 Other Utilities

A-2.5.5.1 NYS Thruway Fiber Optic Line/G4S

The existing Fiber Optic line is located approximately 42 ft. north from the westbound shoulder edge of the NYS Thruway Authority mainline.

A-2.5.5.2 NYS Transmit/CCTV

The existing transmittal is attached to the westbound fascia girder. There is an existing CCTV junction box located southwest of the bridge approximately 83 ft. west of the NYS Thruway ramp centerline.

A-2.5.5.3 Windstream Communications DBA Intellifiber Networks Inc.

The existing Fiber Optic line is located in Verizon conduit under the Thruway mainline.

A-2.5.6 Utility Service Connections

None known.

A-2.6 BIN 5512790

A-2.6.1 Telecommunications

N/A

A-2.6.1.1 Company Name – N/A

A-2.6.1.2 Cable Company Name – N/A

A-2.6.2 Electric

A-2.6.2.1 National Grid

Aerial lines are approx. 70' east of centerline of N. Main St.

A-2.6.2.2 Village of Canastota

Underground electric lines are approx. 80' west of centerline of N. Main St. (May be abandoned).

A-2.6.3 Natural Gas and Petroleum

A-2.6.3.1 Buckeye Partners Corp.

Underground pipe (high pressure) are approx. 30' north of bridge.

A-2.6.4 Water and Sewer

A-2.6.4.1 Village of Canastota

Underground lines 12" Sewer & 2" water are located approx. 100' west of centerline of N. Main St.

A-2.6.5 Other Utilities – Fiber Optic

A-2.6.5.1 NYS Thruway Fiber Optic Line/G4S

Underground line is located approx. 40' to 46' north of and parallel to west bound right travel lane.

A-2.6.6 Utility Service Connections

None known.

A-2.7 BIN 5510130

A-2.7.1 Telecommunications

A-2.7.1.1 Companies Name – N/A

None known

A-2.7.1.2 Cable Companies Name – N/A

None known.

A-2.7.2 Electric

Companies Name – N/A

A-2.7.3 Natural Gas and Petroleum

A-2.7.3.1 Buckeye Partners Corp.

One (high-pressure petroleum) underground cross pipe is located approx. 120' west of the box culvert. Another (high pressure) underground pipe is located in the NYSTA ROW and approx. 15' north of and approx. parallel to the eastbound ROW fence.

A-2.7.4 Water and Sewer

A-2.7.4.1 Companies Name – N/A

None known.

A-2.7.5 Other Utilities

A-2.7.5.1 NYS Thruway Fiber Optic Line/G4S

Underground line is located approx. 25' to 48' north of and parallel to west bound right travel lane and very near west wingwall on westbound right.

A-2.7.6 Utility Service Connections

None known.

A-3 UTILITY RELOCATION BY OTHERS

The Design-Builder shall be aware that all time frames for utility relocation work presented in this section are approximate and are predicated on the assumption of a single relocation to the new, permanent utility locations. Should the Design-Builder's design, means and methods require interim utility relocations, the Design-Builder shall be responsible for coordinating with the affected utilities to determine the time frames required for any and all interim relocations.

A-3.1 BIN 1020079

A-3.1.1 Telecommunications

A-3.1.1.1 Verizon Communications

None anticipated.

A-3.1.1.2 Spectrum Cable

None anticipated.

A-3.1.2 Electric

A-3.1.2.1 National Grid

Existing underground electric is located adjacent to the existing east abutment approximately 115 ft. east of the centerline of Mohawk St. and approximately 75 ft. north of the NYS Thruway centerline. During bridge demolition, the electric line will be in conflict with the removal of the existing abutment. Relocation of the electric line is anticipated to take approximately...

A-3.1.3 Natural Gas and Petroleum

A-3.1.3.1 National Grid

The existing gas line is located approximately 60 ft. west of the Mohawk St. centerline and adjacent to the existing west abutment. A connection to the main service line is also located near the east abutment approximately 60 ft. east of the Mohawk St. centerline. During bridge replacement, the gas line will be in conflict with the removal of the existing abutments. Relocation of the gas line is anticipated to take approximately...

A-3.1.4 Water and Sewer

A-3.1.4.1 Village of Herkimer

None anticipated.

A-3.1.4.2 Village of Herkimer Sanitary Sewer

None anticipated.

A-3.1.4.3 Other Utilities

A-3.1.4.4 NYS Thruway Fiber Optic Line/G4S

None anticipated.

A-3.2 BIN 5009929

A-3.2.1 Telecommunications

A-3.2.1.1 Verizon Communications

Existing overhead telephone cables are located approximately 90 ft. north of the NYS Thruway centerline before crossing over the NYS Thruway approximately 40 ft. east of the Oriskany Blvd. centerline. Relocation of the telephone line is anticipated to take approximately...

A-3.2.1.2 Spectrum Cable

Existing aerial facilities that run adjacent to the east side of Oriskany Blvd. approximately 35 ft. east of the Oriskany Blvd. centerline will require relocation. Relocation of the cable line is anticipated to take approximately...

A-3.2.2 Electric

A-3.2.2.1 National Grid

Existing overhead electric lines are located approximately 80 ft. north of the NYS Thruway centerline before crossing over the NYS Thruway approximately 40 ft. east of the Oriskany Blvd. centerline. Relocation of the electric line is anticipated to take approximately...

A-3.2.3 Natural Gas and Petroleum

A-3.2.3.1 National Grid

The existing 12" steel gas line is located adjacent to the existing piers approximately 40 ft. west of the Oriskany Blvd. centerline. Relocation of the gas line is anticipated to take approximately...

A-3.2.3.2 Buckeye Partners, L.P. Petroleum Pipeline

None anticipated.

A-3.2.4 Water and Sewer

A-3.2.4.1 Oneida County – Water Quality & Pollution Control

The existing waterline is located adjacent to the existing piers approximately 40 ft. east of the Oriskany Blvd. centerline. Relocation of the waterline is anticipated to take approximately...

A-3.2.4.2 Oneida county – Water Quality & Pollution Control Sanitary Sewer

None anticipated.

A-3.2.4.3 Other Utilities

A-3.2.4.4 NYS Thruway Fiber Optic Line/G4S

None anticipated.

A-3.3 BIN 5512980

A-3.3.1 Telecommunications

A-3.3.1.1 Verizon Communications

None anticipated

A-3.3.1.2 Harron-Adelphia Cable

None anticipated.

A-3.3.2 Electric

A-3.3.2.1 National Grid

None anticipated

A-3.3.3 Natural Gas and Petroleum

A-3.3.3.1 National Grid

None anticipated

A-3.3.4 Water and Sewer

A-3.3.4.1 Companies Name – N/A

A-3.3.4.2 Other Utilities

A-3.3.4.3 NYS Thruway Fiber Optic Line/G4S

None anticipated

A-3.4 BIN 5516071 & 5516072

A-3.4.1 Telecommunications

A-3.4.1.1 Verizon Communications

None anticipated.

A-3.4.1.2 Harron-Adelphia Cable

None anticipated.

A-3.4.2 Electric

A-3.4.2.1 Companies Name – N/A

None anticipated.

A-3.4.2.2 Natural Gas and Petroleum

A-3.4.2.3 Companies Name – N/A

None anticipated.

A-3.4.2.4 Water and Sewer

A-3.4.2.5 Companies Name – N/A

None anticipated

A-3.4.2.6 Other Utilities

A-3.4.2.7 NYS Thruway Fiber Optic Line/G4S

None anticipated.

A-3.5 BIN 5510090

A-3.5.1 Telecommunications

A-3.5.1.1 Verizon Communications

None anticipated.

A-3.5.2 Electric

A-3.5.2.1 National Grid

None anticipated.

A-3.5.3 Natural Gas and Petroleum

A-3.5.3.1 Syracuse Suburban Gas

None anticipated.

A-3.5.3.2 Water and Sewer

A-3.5.3.3 Companies Name – N/A

None anticipated.

A-3.5.3.4 Other Utilities

A-3.5.3.5 NYS Thruway Fiber Optic Line/G4S

None anticipated.

A-3.5.3.6 NYS Transmit/CCTV

Existing transmittal and associated connections will require relocation from existing structure to proposed structure. Existing CCTV junction box may require grade adjustments depending on the proposed limits of work.

A-3.5.3.7 Windstream Communications DBA Intellifiber Networks Inc.

None anticipated until existing location has been fully documented.

A-3.6 BIN 5512790

A-3.6.1 Telecommunications

A-3.6.1.1 Companies Name – N/A

None anticipated.

A-3.6.2 Electric

A-3.6.2.1 National Grid and Village of Canastota

None anticipated.

A-3.6.3 Natural Gas and Petroleum

A-3.6.3.1 Buckeye Partners Corporations

Possible relocation required.

A-3.6.4 Water and Sewer

A-3.6.4.1 Village of Canastota

None anticipated.

A-3.6.5 Other Utilities – Fiber Optic

A-3.6.5.1 NYS Thruway Fiber Optic Line/G4S

None anticipated.

Possible relocation required.

A-3.7 BIN 5510130

A-3.7.1 Telecommunications

A-3.7.1.1 Companies Name - NA

None anticipated.

A-3.7.2 Electric

A-3.7.2.1 Companies Name – N/A

None known.

A-3.7.3 Petroleum and Natural Gas

A-3.7.3.1 Buckeye Partners Corporation

Possible relocation required of line approximately 15ft north and closely parallel to the east bound ROW fence.

A-3.7.4 Water and Sewer

A-3.7.4.1 Companies Name – N/A

None known.

A-3.7.5 Other Utilities – Fiber Optic

A-3.7.5.1 NYS Thruway Fiber Optic/G4S

Possible relocation required.

A-4 UTILITY RELOCATIONS BY THE DESIGN-BUILDER

The Design-Builder shall be responsible for coordinating the relocation of all utility services which are impacted by the Project, including the maintenance and protection of those utilities not listed below, participation in all meetings, preparing minutes of meetings, performing plan reviews, ground preparation, performing survey and markout required for utility relocations as well as excavating test pits as necessary to facilitate resolution of design utility conflict tables to final conflict resolution tables. The following sections describe the anticipated Work to be performed and coordination required with each utility owner.

A-4.1 BIN 1020079

A-4.1.1 Telecommunications

A-4.1.1.1 Verizon Communications

None anticipated.

A-4.1.1.2 Spectrum Cable

None anticipated.

A-4.1.2 Electric

A-4.1.2.1 National Grid

None anticipated.

A-4.1.3 Natural Gas and Petroleum

A-4.1.3.1 National Grid

None anticipated.

A-4.1.4 Water and Sewer

A-4.1.4.1 Village of Herkimer Sanitary Sewer

None anticipated.

A-4.1.4.2 Village of Herkimer

None anticipated.

A-4.1.5 Other Utilities

A-4.1.5.1 NYS Thruway Fiber Optic Line/G4S

None anticipated.

A-4.2 BIN 5009929

A-4.2.1 Telecommunications

A-4.2.1.1 Verizon Communications

None anticipated.

A-4.2.1.2 Spectrum Cable

None anticipated.

A-4.2.2 Electric

A-4.2.2.1 National Grid

None anticipated.

A-4.2.2.2 Buckeye Partners, L.P. Petroleum Pipeline

None anticipated.

A-4.2.3 Natural Gas and Petroleum

A-4.2.3.1 National Grid

None anticipated.

A-4.2.4 Water and Sewer

A-4.2.4.1 Oneida County – Water Quality & Pollution Control

None anticipated.

A-4.2.4.2 Oneida County – Water Quality and Pollution Control Sanitary Sewer

None anticipated.

A-4.2.5 Other Utilities

A-4.2.5.1 NYS Thruway Fiber Optic Line/G4S

None anticipated.

A-4.3 BIN 5512980

A-4.3.1 Telecommunications – N/A

A-4.3.1.1 Verizon Communications

None anticipated

A-4.3.1.2 Harron-Adelphia Cable

None anticipated.

A-4.3.2 Electric – N/A

A-4.3.2.1 National Grid

None anticipated.

A-4.3.3 Natural Gas and Petroleum

A-4.3.3.1 National Grid

None anticipated.

A-4.3.4 Water and Sewer

A-4.3.4.1 Companies Name – N/A

A-4.3.5 Other Utilities

A-4.3.5.1 NYS Thruway Fiber Optic Line/G4S

None anticipated.

A-4.4 BIN 551671 & 5516072

A-4.4.1 Telecommunications

A-4.4.1.1 Verizon Communications

None anticipated.

A-4.4.1.2 Harron-Adelphia Cable

None anticipated.

A-4.4.2 Electric

A-4.4.2.1 Companies Name – N/A

None anticipated.

A-4.4.3 Natural Gas and Petroleum

A-4.4.3.1 Company Name – N/A

None anticipated.

A-4.4.4 Water and Sewer

A-4.4.4.1 Companies Name – N/A

None anticipated.

A-4.4.5 NYS Thruway Fiber Optic Line/G4S

None anticipated.

A-4.5 BIN 5510090

A-4.5.1 Telecommunications

A-4.5.1.1 Verizon Communications

None anticipated.

A-4.5.2 Electric

A-4.5.2.1 National Grid

None anticipated.

A-4.5.3 Natural Gas and Petroleum

A-4.5.3.1 Syracuse Suburban Gas

None anticipated.

A-4.5.4 Water and Sewer

A-4.5.4.1 Companies Name – N/A

None anticipated.

A-4.5.5 Other Utilities

A-4.5.5.1 NYS Thruway Fiber Optic Line/G4S

None anticipated.

A-4.5.5.2 NYS Transmit/CCTV

Existing transmittal and associated connections will require relocation from existing structure to proposed structure. Existing CCTV junction box may require grade adjustments depending on the proposed limits of work.

A-4.5.5.3 Windstream Communications DBA Intellifiber Networks Inc.

None anticipated.

A-4.6 BIN 1022790

A-4.6.1 Telecommunications – N/A

A-4.6.1.1 Telecommunication Company Name - N/A

None anticipated.

A-4.6.1.2 Cable Companies Name – N/A

None anticipated.

A-4.6.2 Electric

A-4.6.2.1 National Grid and Village of Canastota

None anticipated.

A-4.6.3 Natural Gas and Petroleum

A-4.6.3.1 Buckeye Partners Corporation

None anticipated.

A-4.6.4 Water and Sewer

A-4.6.4.1 Village of Canastota

None anticipated.

A-4.6.5 Other Utilities – Fiber Optic

A-4.6.5.1 NYS Thruway Fiber Optic Line/G4S

None anticipated.

A-4.7 BIN 5510130

A-4.7.1 Telecommunications

Companies Name - N/A

None anticipated.

A-4.7.1.1 Cable Companies Name – N/A

None anticipated.

A-4.7.2 Electric

A-4.7.2.1 Companies Name – N/A

None anticipated.

A-4.7.3 Natural Gas and Petroleum

A-4.7.3.1 Buckeye Partners Corporation

None anticipated.

A-4.7.4 Water and Sewer - N/A

A-4.7.4.1 Companies Name – N/A

None anticipated.

A-4.7.5 Other Utilities

A-4.7.5.1 NYS Thruway Fiber Optic Line/G4S

None anticipated.

A-5 DESIGN BUILD UTILITY DOCUMENTS

The Design-Builder shall provide documentation regarding the coordination and locations of the impacted utilities to the Authority's Project Manager, and the Authority's Project Manager shall coordinate with headquarters Utility Engineer. The required documents are: utility conflict/resolution table with proposed locations, utility plans, and Special Note of Utility Coordination.

The documentation shall be used to secure the Final DB Utility Work Agreements (DB-HC140) with each impacted utility company and any required Municipal Agreements.

APPENDIX B NON-PARTICIPATING AGENCIES

The Design-Builder shall be aware that the following agencies which are not participants in the One-Call System may have facilities located within the project limits:

- The New York State Thruway Authority – Fiber Optic/G4S

Contact information, known facilities, and required lead times are indicated in the Table B-1 on the following page. The Design-Builder shall contact each of these agencies to obtain mark-outs of their facilities.

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New York State Thruway Authority

Table B - 1 Contact Information for Non-Participating Agencies

Agency	Callout Contact	Contact PH#	Contact E-mail	Known Facilities	Required Lead Time for mark out
NYSTA	Greg Sheldon	(518)-436-3143	Greg.Sheldon@thruway.ny.gov	NYSTA Fiber Optics	7 days minimum

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APPENDIX C PRELIMINARY DB UTILITY WORK AGREEMENTS

The work described in this Appendix C (if provided) includes known relocation(s) and other utility work required to remove known interference(s) with Project elements. The Design-Builder shall design, locate, and construct the Work in accordance with utility provider(s) details as detailed in this Appendix C (if provided). The Design-Builder shall consider providing, where possible and if applicable, a common trench in which to construct the utilities in accordance with the utility providers' requirements. The Design-Builder shall determine the location of any and all trenches relevant to the requirements of the Design-Builder's design, as applicable. The Design-Builder shall include in its Baseline Project Schedule appropriate time as required for all utilities work. The Design-Builder shall comply with the Work Zone Traffic Control requirements contained in Part 3 of the Contract Documents at all times when performing the work described herein.

Any Agreements provided in this Appendix are Preliminary and are between the Authority and utility owner(s). The Design-Builder is expected to coordinate with any and all affected utility owner(s) and the Authority to negotiate and execute 3-party Final Utility Work Agreements between the Design-Builder, utility owner(s), and Authority.