



**SYRACUSE DIVISION
BUNDLED BRIDGES**

TAS 17-37B, Contract D800001

**REQUEST FOR PROPOSALS
INSTRUCTIONS TO PROPOSERS**

**APPENDIX A
PROJECT INFORMATION**

Amendment #2, November 28, 2017

Deleted: Final, October 5, 2017

New York State Thruway Authority

- Survey/Topographic Digital Terrain Model
- Hydraulic Cross Sections
- Hydraulic Studies
- CADD and InRoads Files
- Bridge Inspection Reports
- Bridge Load Ratings
- As-Built or Record Plans of Roadways and Structures within the project limits.
- Traffic Count and Other Traffic Information
- Geotechnical Data Report
- Subsurface Soil Borings and Bore Hole Location Plan
- Hazardous Material Screening Reports
- Wetland Delineation Reports
- Utility owner and permit information

Additional documents may be posted to the project website when they become available. Proposers are advised to check the Project web site regularly.

Reference Documents are located at the following Web site address:

<http://www.thruway.ny.gov/business/design-build/index.html>

A5.0 PROCUREMENT SCHEDULE

A5.1 ANTICIPATED PROCUREMENT SCHEDULE

The Authority anticipates the following procurement schedule for the Contract:

Activity	Date
Final RFP to Shortlisted Firms	October 5, 2017
Date Proposers may start submitting ATCs for review	October 6, 2017
Proposal period one-on-one meetings with all Proposers.	October 13, 2017 – November 3, 2017
Final date for Proposers to submit ATC's for review	November 08, 2017
Final date for requests for changes to Proposer's organization and personnel	November 09, 2017
Final date for Authority's responses to ATCs submitted for review	November 13, 2017
Final date for receipt of Proposer questions	December 4, 2017
Final date for Proposers to respond to conditional approval of ATC's	December 11, 2017
Issue Date for Final Addendum and/or answers to Proposer questions	December 11, 2017
Proposal Due Date	December 20, 2017
Post Proposal meetings (if required)	TBD

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Selection of Best Value	January 24, 2018
Limited Negotiations (if required)	TBD
Contract Award	March 09, 2018
Notice to Proceed	March 16, 2018

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This is a tentative schedule. All dates set forth in the preceding table and in this RFP are subject to change in the Authority's sole discretion. To the extent that dates are changed, the Authority shall notify the Proposers by Addendum.

A5.2 PROPOSAL DUE DATE

The completed Proposal shall be delivered to the Authority's Designated Representative at the address specified in Section A8.0, no later than 12:00 P.M. (midday) (Eastern Time), on the date specified in Section A5.1 (the "Proposal Due Date").

A6.0 CONFLICT OF INTEREST

It is prohibited to hire any person or organization that has a "conflict of interest". Because of their prior work, the following firms have been identified as having conflicts of interest that prevent their consideration for the pending Project. Due to a conflict of interest based on services currently being provided that are related to this Project, Proposers may not include the services of the following firm(s):

- Stantec
- Fisher Associates
- Popli Design Group
- Parsons Brinkerhoff
- WSP

Proposers utilizing firm(s) identified above will be disqualified from participating in this Project.

A7.0 MWBE PARTICIPATION GOAL

The overall MWBE participation goal for the Contract is established at 13% of the total Contract price.

A8.0 AUTHORITY'S DESIGNATED REPRESENTATIVE

The Authority's Designated Representative for this Procurement is:

James Chicoine and Michael Doyle
Attention: Syracuse Division Bundled Bridges Design-Build Project
Office of Capital and Contracts Management
New York State Thruway Authority
200 Southern Blvd., 2nd Floor
Albany, New York 12209, USA

[email: SyracuseDB@thruway.ny.gov](mailto:SyracuseDB@thruway.ny.gov)

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SYRACUSE DIVISION BUNDLED BRIDGES

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CONTRACT DOCUMENTS PART 2

DB SECTION 100 GENERAL PROVISIONS

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NEPA/SEQRA environmental approval for the subject project has been granted based on analysis and documentation of potential environmental impacts of the identified preferred alternative. This analysis is summarized along with any identified environmental commitments and depicted in the Design Report/Environmental Document for the subject project. If during detailed design and/or construction the Design-Builder introduces design elements, variations, or methodologies that potentially induce environmental impacts that differ from those identified in the approved Design Report/Environmental Document or is unable to comply with established environmental commitments then the NEPA/SEQRA process for this project will need to be re-evaluated prior to proceeding with construction. This requirement also applies to proposed variations which may affect resources covered under Section 106, Section 4(f), Executive Order 11990 (wetlands), and other applicable federal and state environmental regulations. The need to re-evaluate the NEPA/SEQRA process may impact the overall project schedule.

DB 113-1.4 Organizational Requirements

The Design-Builder shall designate a Quality Manager (QM) (who shall be identified as one of the Design-Builder's Key Personnel) who shall be responsible for overseeing the overall quality program and the preparation, implementation and update of the Quality Control Plan for the Design-Builder, including management, design and construction. The Quality Manager shall not report to the Design-Builder's Project Manager, but shall be directly responsible to and report to a joint venture board, senior management or similar level of the Design-Builder's organization not directly responsible for design or construction.

The Quality Manager shall be present and available for consultation with the Authority's Project Manager and other Authority staff on an on-call basis throughout the duration of the Project. The Quality Manager shall attend the scheduled progress meetings as a minimum and such other meetings as the Authority's Project Manager may request, including individual meetings between the Quality Manager and Authority staff.

The Quality Manager shall be the primary point of contact to the Authority for all issues relating to the Design-Builder's Quality Control Plan (preparation, review, implementation and updates).

The Proposer's Design QC Engineer and Construction QC Engineer and their respective staffs shall report directly to the Quality Manager.

See DB §112 for responsibilities and qualification requirements of construction QC staff. See DB §111 for responsibilities and qualification requirements of Design QC staff.

DB 113-2 QUALITY SYSTEM REQUIREMENTS

DB 113-2.1 Management Responsibility

DB 113-2.1.1 Quality Policy

The Design-Builder's executive management shall define and document its policy for quality, including objectives for quality and its commitment to quality. (In the context of this DB §113, "executive management" shall mean those persons to whom the Design-Builder's Project Manager Reports and who has overall responsibility for the Design-Builder's performance.) The quality policy shall be relevant to the Design-Builder's organizational goals and the expectations and needs of the Authority. The Design-Builder shall ensure that this policy is understood, implemented and maintained at all levels of the organization.

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The Design-Builder shall have a published statement of its commitment to quality and the organization's quality objectives signed by its responsible executive(s). It shall explain the commitment in terms of the services provided to the Authority, and the responsibilities assumed by the Design-Builder to discharge its contracted accountabilities relative to the Authority's overall responsibility to Stakeholders and the public-at-large, for assuring quality in the constructed facility. The statement shall be made known to and understood by all staff and be included in the Quality Control Plan.

Executive management's commitment to quality shall be demonstrated by the quality policy being signed by the responsible executive(s) and management's direct involvement in verifying the implementation and understanding of the quality policy.

All employees shall be made aware of the Design-Builder's quality policy. The indoctrination on quality policy may be formal and can be accomplished by various means depending on the size of the Project, the structure of the Design-Builder's management staff and number of employees.

DB 113-2.1.2 Organization

A) Responsibility and Authority

- 1) Executive management shall have the responsibility to plan and determine the overall direction of the Design-Builder and its relationship to the quality efforts. Executive management shall ensure the quality policy is documented and understood by all employees and management shall further ensure the implementation of the quality policy by everyone in the organization.
- 2) The quality system shall be an integral part of the overall management system and as such shall be supported and implemented from the top down. On a Design-Build project most employees are involved in either managing, performing or verifying work that affects quality. It shall not be the sole domain of the design checkers, quality control (QC) inspectors or QC personnel. All workers, including design and construction production personnel (including those of subcontractors) shall be aware of the quality system requirements that govern their respective work.
- 3) A description of the organizational arrangements (such as a chart) shall be available and be maintained and kept up to date. All key roles and persons, and lines of communication and authority between the Design-Builder and the Authority and their representative(s), and with other organizations involved shall be identified.
- 4) The responsibility, authority and the interrelation of personnel who manage, perform and verify work affecting quality shall be defined and documented, particularly for personnel who need the organizational freedom and authority to:
 - a) Initiate action to prevent the occurrence of any nonconformities relating to the product, process and quality system;
 - b) Identify and record any problems relating to the product, process and quality system;
 - c) Initiate, recommend or provide solutions through designated channels. It shall be everyone's responsibility to report any and/or all quality and safety problems;

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- M) Procedure for the identification of (and where required by Contract, the traceability of) deliverable items, such as Design Plans, Project Specifications, Work Plans, and As-Built Plans;
- N) Procedure for verification and control of computer programs used in design;
- O) Procedures for inspecting, testing, and calibrating equipment, laboratory equipment, and inspector certification;
- P) Procedures for handling nonconformance's;
- Q) Procedures for corrective/preventive actions;
- R) Procedures for handling storing, packaging and delivering Contract deliverables;
- S) Training processes;
- T) Procedures for Internal Quality Audits; and
- U) Procedure for Management Review.

The Design-Builder shall identify its standard procedures applicable to the Project. Design-Builder shall develop Project-specific procedures for all elements of the Project that are important to Quality for the Project, but are not addressed adequately by its standard procedures. Both types of procedures shall be included in the Project Quality Control Plan.

The Design-Builder shall effectively implement the quality system and its documented procedures. Implementation shall be demonstrated by internal quality audit reports, trending of nonconformance's, records of root cause analysis, records of corrective and preventive actions, and/or records of the Authority complaint handling.

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For the purposes of this Section, the range and detail of the procedures that form part of the quality system depend on the complexity of the Work, the methods used, and the skills and training needed by personnel involved in carrying out the activity. The procedures shall accurately reflect the work that is to be accomplished.

Documented procedures may make reference to specifications that define how an activity is performed. Procedures shall describe the process steps of "what" needs to be done and work instructions shall prescribe "how" it is to be done.

DB 113-2.2.3 Quality Planning

A specific Project Quality Control Plan is required. There shall be evidence of quality planning that ensures specific Contract/Project requirements have been identified and incorporated into the documented quality system. The Authority's requirements represent the minimum requirements. The Design-Builder shall develop a comprehensive plan.

The Design-Builder shall define and document how the requirements for quality will be met. Quality planning shall be consistent with all other requirements of a Design-Builder's quality system and shall be documented in a format to suit the Design-Builder's methods of operation.

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The plan shall detail the roles of the:

- A) Designer;
- B) Design Manager;
- C) Design QC Engineer; and
- D) Responsible Engineer(s).

DB 113-2.3.2 Design and Development Planning

The Design-Builder shall prepare plans for each design and development activity. The plans shall describe or reference these activities, and define responsibility for their implementation. The design and development activities shall be assigned to qualified personnel equipped with adequate resources. The plans shall be updated, as the design evolves.

The Project design control procedures shall define the technical interfaces among the different groups which provide input to the design process or receive output. The necessary information shall be documented, transmitted and regularly reviewed. If not defined in these procedures, a separate description shall be required.

DB 113-2.3.3 Design Input

Design-input requirements relating to the product, including applicable statutory and regulatory requirements shall be identified, documented and their selection reviewed by the Design-Builder for adequacy. Incomplete, ambiguous or conflicting requirements shall be resolved with those responsible for imposing these requirements.

The essence of this sub-element is that the Design-Builder determines what information is needed and the available sources for information, reviews all pertinent available data, assures itself that there is sufficient information to carry out its assignment, and resolves with the Authority and other appropriate authorities any actual or apparent conflicts or inconsistencies in the information so gathered. The information, sources, and decisions taken shall be documented and treated as a Quality record (DB §113-2.15).

DB 113-2.3.4 Design Output

The Design-Builder shall document design output and express output in terms that can be verified against design-input requirements and validated (see DB §113-2.3.7).

Design outputs shall be captured in plans, reports and specifications prepared in accordance with all applicable NYSTA/NYDOT design requirements. The control of these outputs is an integral part of the Design-Builder's document control process.

Design output shall:

- A) Meet the design-input requirements;
- B) Contain or make reference to acceptance criteria; and

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Designs provided by subconsultants shall be independently verified and documented under the direction of the Design QC Engineer prior to its acceptance and incorporation into the work of others

DB 113-2.3.7 Design Validation

The Design-Builder shall perform design validation to ensure that, after completion of the Work, the bridge(s), if any, is/are able to carry the loading as **required** in Part 3, Project Requirements, and that other Project elements meet current design standards.

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DB 113-2.3.8 Design Changes

After a design is complete and the Work is ready to be executed, or is being executed, or is complete, all subsequent design changes and modifications shall be identified, documented, reviewed and approved by authorized personnel before their implementation.

The Design-Builder shall establish and include in the Quality Control Plan procedures on how design changes are initiated, reviewed, approved, implemented and recorded in order to maintain configuration control. Changes may originate from the Authority's request, internal and external design organization, site or field personnel.

The persons authorized to approve design changes shall be identified in the procedures. The mechanism for changes in the design can be detailed as part of the procedure for the original work or addressed in a specific design change procedure(s). It is important that any proposed changes should be reviewed and approved by the Responsible Engineer that produced the original work. The degree and nature of control on design changes shall be at least equivalent to that under which the original work was accomplished. Changes shall be responsive to the design input, shall be verified and approved. An administrative system shall be in place to ensure that approved changes are documented and provided to holders of the original material in a timely manner. Also, there shall be a documented process that ensures that superseded information is removed from use when the updated document or record is received.

A master list of currently effective documents shall be maintained to reflect design changes approved. A listing of the design changes shall be communicated to the construction site on a timely basis consistent with the progress of construction activities. Under no circumstances shall work be performed without current knowledge of the approved design changes to be incorporated into the work product.

DB 113-2.4 Document and Data Control

DB 113-2.4.1 General

The Design-Builder shall establish and maintain documented procedures to control all documents and data that relate to the requirements of this Section DB §113-2.5 including, to the extent applicable, documents of external origin such as standards and the Authority plans.

The Design-Builder shall be responsible for the establishment and implementation of documented procedures for ensuring all documents essential to the quality of the delivered product or service are properly controlled. This shall include, but is not limited to, contracts, plans, specifications, master drawing lists or equivalent documents, critical procedures and work

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verification and release of the product or service shall be specified in advance. This may also mean the purchase order or specifications carry specific instructions on how the process verification will be performed to assure the final product will meet all of the procurement/purchasing requirements.

B) The Authority Verification of Subcontracted Product or Service

- 1) The Design-Builder or the Authority's representative shall be afforded the right to verify at the subcontractor's premises and the Design-Builder's premises that subcontracted product or service conforms to specified requirements. Such verification shall not be used by the Design-Builder as evidence of effective control of quality by the subcontractor.
- 2) The Authority shall have the right of access to the Design-Builder and/or subcontractor facility to inspect, audit or otherwise verify the specified procurement/purchasing requirements are being fulfilled. The right of access may be extended to authorized personnel and contracted third parties. The Design-Builder is obligated to perform verification actions, regardless of what the Authority does. The Authority's verification may not be substituted for the Design-Builder's actions.
- 3) Verification by the Authority shall not absolve the Design-Builder of the responsibility to provide acceptable product or service, nor shall it preclude subsequent rejection by the Authority.
- 4) The subcontractors shall be responsible for fulfilling all of the specified procurement requirements regardless if the Authority, Design-Builder or agent performed any tests or inspections. The Design-Builder shall provide the Authority an acceptable product or service, regardless of the extent of the Authority's verification. Even if the Authority has performed verification actions at the Design-Builder's facilities, the product may still be rejected if it is not acceptable.

DB 113-2.6 Control of Authority Supplied Items

The Design-Builder shall establish and maintain documented procedures for the control of verification, storage and maintenance of the Authority-supplied items provided for incorporation into the supplies or for related activities. Any such item that is lost, damaged or is otherwise unsuitable for use shall be recorded and reported to the Authority (see DB §113-2.15).

One of the most significant products provided to the Design-Builder by the Authority is design information in the form of plans and specifications, as well as proprietary information, and these items shall be protected with the same vigilance as any hardware items supplied. Any apparent deficiency or ambiguity shall be identified to the Authority for its necessary action.

The technical characterizations of the site, such as the boring log or soil report data supplied by the Authority for consideration in designing the structural system(s) for the project are not examples of the Authority supplied products for the structural consultant, they are typically reference documents,

When Authority supplied items are encountered, documented procedures shall exist which detail the receipt/ acceptance, storage and maintenance (preservation) of these items.

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When items are considered inadequate for the task required, documented procedures shall detail the process used to report such deficiencies to the Authority.

DB 113-2.7 Product Identification and Traceability

Where appropriate, the Design-Builder shall establish and maintain documented procedures for identifying the product by suitable means from receipt and during all stages of production, delivery and installation.

This means that the Design-Builder shall establish and maintain documented procedures whereby items of work for which records are to be kept shall be identifiable. Examples of this on a construction site include the numbering of concrete pours in a structure or the establishment of a grid matrix for identifying columns.

The Design-Builder shall include document title, a unique document number, the Contract Number, the Bridge BIN (when applicable), the milepost location (MP . . .) the Authority's name, the Design-Builder's name, the preparer's name, the date and revision number on all Project deliverables.

The filing and retrieval of operating manuals, certificates of compliance and/or analysis, heat numbers, inspection status and nonconforming product shall be traceable to the items. Records shall be kept that identify the installed location of the equipment/materials.

Where and to the extent that traceability is a specified requirement, the Design-Builder shall establish and maintain documented procedures for unique identification of individual product or batches. This identification shall be recorded (see DB §113-2.1).

The intent of this Section DB §113-2.8 is to ensure the Design-Builder can effectively identify the root cause of a problem and to implement effective corrective and preventive actions to resolve and prevent future occurrences of the problem.

DB 113-2.8 Process Control

The Design-Builder shall plan and control the work and when necessary, shall prepare a documented process plan defining how work is to be carried out. Documentation may be in the form of a narrative, flow chart or control points.

The Design-Builder shall identify and plan the production, installation and servicing processes which directly affect quality and shall ensure that these processes are carried out under controlled conditions. Controlled conditions shall include the following:

- A) Documented procedures defining the manner of production, installation and servicing, where the absence of such procedures could adversely affect quality. This requirement deals with the planning and control of all work processes, other than design control processes, that are critical to the adequacy of the delivered Project;
- B) Establishment and documentation of the method(s) for scheduling, monitoring, and reporting on the status of each significant aspect of the design or other Project tasks. The methods shall be consistent with the size and complexity of the effort. Such schedules shall identify required inputs from others and submittals to the Authority and to check relevant government authorities, or agencies.

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installation. This control shall provide for identification, documentation, evaluation, segregation (when practical), disposition of nonconforming product, and for notification to the functions concerned.

There shall be documented procedures to assess nonconformance in the Design-Builder's work and in the work provided by other contractors, including the Authority. The procedures shall safeguard against use of inaccurate or otherwise inappropriate information or data.

The procedures shall identify the individual(s) responsible for verifying the nonconformance, documenting it, processing the documentation in accordance with the procedures, and determining the effective corrective action/preventive action (see DB §113-2.14) to resolve the nonconformance.

Procedures shall also cover nonconformances which arise during construction. They shall address the situation where it is discovered that work does not conform to the requirements after the work item has previously been subjected to the established checking and approval process. The procedures shall also address work that is discovered or suspected to contain errors or omissions after delivery to the Authority.

Work shall be immediately brought under control to limit the impact it could have on associated work, where it may have been used as input. Procedures shall include methods to inform those to whom the nonconforming material had been provided as valid information and to retrieve and isolate from use known copies of the material until a determination can be made about how to proceed. Nonconformances might be manifested as incorrect plans, errors in calculation (numerical or procedural), survey data that might be based on an incorrect benchmark or route, or even a correct design based on superseded specifications.

DB 113-2.12.2 Review and Disposition of Nonconforming Product

The Design-Builder shall define the responsibility for review and authority for the disposition of nonconforming product.

A nonconformance shall be defined as any condition in equipment, materials, or processes which does not comply with required plans, specifications, codes, standards, documentation, records, procedures, or contract requirements which cause the acceptability of equipment, materials, or processes to be unacceptable or indeterminate.

Nonconforming product shall be reviewed in accordance with documented procedures. It may be:

- A) Reworked to meet the specified requirements;
- B) Required that further engineering evaluation be performed to determine if the non-conformance effects design intent/contract compliance;
- C) Accepted with or without repair by acceptance of the Authority;
- D) Regarded for alternative applications; or
- E) Rejected or scrapped.

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The procedures shall also address the disposition of nonconforming items and the steps necessary to verify that the nonconformances have been adequately addressed and that the item then be characterized as conforming.

Where required by the Contract, the proposed use or repair of product which does not conform to specified requirements shall be reported for acceptance, by the Authority. The description of the nonconformity that has been accepted, and repairs shall be recorded to denote the actual condition (see DB §113-2.16).

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The Design-Builder shall keep and maintain records of nonconforming findings (see DB §113-2.16). Also, each nonconformance record shall contain all deliberations, retesting, and resolution activities, findings, and decisions.

Repaired and/or reworked product shall be re-inspected in accordance with the Quality Control Plan and documented procedures.

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Repair shall require the involvement of the Authority, the Designer, and/or an authorized third party to review the condition and determine that although it does not meet the specified requirements, the overall impact is such that the resulting condition is acceptable.

DB 113-2.13 Corrective and Preventive Action

DB 113-2.13.1 General

The Design-Builder shall establish and maintain documented procedures for implementing corrective and preventive action.

This Section DB §113-2.14 encompasses two aspects of dealing with nonconformities. The first is implementation and effectiveness of previously implemented corrective actions.

The second is preventive action (P/A) which plays a major role in this requirement. Most procedures addressing corrective action (C/A) need to include preventive action. The investigation of nonconformances needs to look into three possible causes. They are the product, the process, and the quality system.

These nonconformances may be identified by either internal or external audits or during regular inspections or design reviews. The appropriate authority to implement, verify, and review the effectiveness of both preventive and corrective actions shall be identified. Written procedures shall be prepared and implemented to determine the root causes of nonconformances and to revise existing procedures and work instructions or to establish new ones to prevent the identified situations that cause or allow nonconformances to develop.

Any corrective or preventive action taken to eliminate the causes of actual or potential nonconformities shall be to a degree appropriate to the magnitude of problems and commensurate with the risks encountered.

The Design-Builder shall implement and record any changes to the documented procedures resulting from corrective and preventive action.

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Follow-up audit activities shall verify and record the implementation and effectiveness of the corrective action taken (see DB §113-2.16).

The results of internal quality audits shall be reviewed in management review meetings. In accomplishing management review the results of internal audits and their attendant C/A status shall be reviewed for adequacy and effectiveness.

Auditor qualifications shall be established and documented by the Design-Builder. Staff assigned auditing tasks shall be qualified accordingly, with qualification records maintained as quality records. Auditing need not be a full time assignment, but staff assigned auditing tasks shall have no direct responsibilities for the function or work they audit.

Audits shall be carefully planned and executed to avoid or minimize disruption of the audited activity. Results shall be provided promptly to personnel responsible for the audited activity and their management. Corrective action shall be developed to identify the root causes and to institute measures to prevent the types of deficiencies identified in the audit. Corrective actions shall be monitored through review of documents, surveillance, or follow-up audits. These actions should be conducted in a timely manner to determine the effectiveness of corrective action that is implemented. Records of corrective actions should be kept together with the respective audit records.

Records of internal audits shall be maintained by the Design-Builder. Status reports of internal audits shall be provided to the Authority on a biannual basis.

DB 113-2.17 Training

The Design-Builder shall establish and maintain documented procedures for identifying training needs and provide for the training of all personnel performing activities affecting quality. Personnel performing specific assigned tasks shall be qualified on the basis of appropriate education, training and/or experience, as required. Appropriate records of training shall be maintained (see DB §113-2.16).

The Design-Builder shall establish documented procedures and records to ensure that the skills and professional judgment of their personnel are developed appropriately for their intended roles, through training and/or the recorded accumulation of experience; with systematic reviews of their competence at determined levels, and before any deployment of new roles.

Training shall focus on improving competency and skill for those performing activities that materially impact quality.

Procedures established shall include:

- A) Position descriptions defining the requirements of the various positions required in conducting activities affecting quality;
- B) Personnel records documenting each person's experience and current education and training accomplished, both formal and informal, relative to current or projected position assignments;

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**DB CONTRACT DOCUMENTS
PART 4
UTILITY REQUIREMENTS**

Amendment #2, November 28, 2017

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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
LOCAL WATER	JOHN WATERS	315-724-9812	
SANITARY SEWER	JOHN WATERS	315-724-9812	
PETROLEUM PIPELINE	SCOTT HOHN	315-374-1737 315-223-1523	sdhohn@buckeye.com
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
PETROLEUM PIPELINE	SCOTT HOHN	315-374-1737 315-223-1523	sdhohn@buckeye.com

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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		
FIBER OPTIC	GREG SHELDON	518-436-3143	Gregory.Sheldon@thruway.ny.gov
FIBER OPTIC	AUTRY MEEKER	501-748-5234	Autry.Meeker@Windstream.com
<u>PETROLEUM PIPELINE</u>	<u>SCOTT HOHN</u>	<u>315-374-1737</u> <u>315-223-1523</u>	<u>sdhohn@buckeye.com</u>

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

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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. As the utility runs along Oriskany Blvd., the line located at a point 25' north of Pier 1 and goes underground. The line runs parallel to Oriskany Blvd. and is underneath the sidewalk. The utility becomes aerial again at a pole located 31' south of Pier 1. It is anticipated that the project will not have an impact on this utility.

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 Pipe Line Companies

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

Deleted: Buckeye Partners, L.P. Petroleum Pipeline

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 – Fiber Optic

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.

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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-2.3.3.2 Buckeye Pipe Line Companies

A 10" diameter oil pipeline runs along the thruway on the south side. The line is approximately 145' south of the centerline of the thruway. The utility is encased in a 14" diameter casing as it passes under the Judd Road embankment.

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 – Fiber Optic

A-2.3.5.1 NYS Thruway Fiber Optic Line/G4S

The fiber optic utility runs east and west underneath span 4 between Pier 3 and the end abutment (north abutment). The line is located approximately 9' off the abutment as at the western fascia. It is anticipated to be 7' deep at this location. The line is approximately 12' from the abutment at the eastern fascia. It is anticipated to be 12' deep at this location. The fiber optic line is proposed to be relocated, see Section A.3.3.4.3

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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-2.5.3.2 Buckeye Pipe Line Companies

There is 10" diameter oil pipeline that runs east and west, and is located approximately 175' north of the thruway centerline. As the line crosses under the Exit 35 ramp, the utility is enclosed within a 14" diameter casing.

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 - Fiber Optic

A-2.5.5.1 NYS Thruway Fiber Optic Line/G4S

The fiber optic utility runs east and west underneath span 4 between Pier 3 and the end abutment (north abutment). The line is located approximately 12' off the abutment at the western fascia. It is anticipated to be 9 ½' deep at this location. The line is approximately 8' from the abutment at the eastern fascia. The line is anticipated to be 5 ½' deep at this location. The fiber optic line is proposed to be relocated, see Section A-3.5.3.5

A-2.5.5.2 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

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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 approximately 70' east of centerline of N. Main St.

A-2.6.2.2 Village of Canastota

Underground electric lines are approximately 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 Pipe Line Companies

Deleted: Buckeye Partners Corp.

Underground pipe (high pressure) are approximately 30' north of bridge. The line runs east and west and the utility is enclosed in a 14" diameter casing as it progresses under the North Main Street embankment.

A-2.6.4 Water and Sewer

A-2.6.4.1 Village of Canastota

Underground lines 12" sewer & 2" water are located approximately 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

approximately The fiber optic utility runs east and west underneath span 4 between Pier 3 and the end abutment (north abutment). The line is located approximately 5' off the abutment at the western fascia. It is anticipated to be 15'-36' deep at this location. The line is approximately 11 1/2' from the abutment at the eastern fascia. The line is anticipated to be 15'-30' deep at this location. The fiber optic line is proposed to be relocated, see Section A-3.6.5.1

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.

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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 Pipe Line Companies

Deleted: Buckeye Partners Corp.

One (high-pressure petroleum) underground cross pipe is located approximately 120' west of the box culvert. Another (high pressure) underground pipe is located in the NYSTA ROW and approximately 15' north of and approximately 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 – Fiber Optic

A-2.7.5.1 NYS Thruway Fiber Optic Line/G4S

approximately The fiber optic utility runs east and west and 5' north of the northwest wingwall. The line is anticipated to be 12' deep at this location. The line crosses under Bear Trap Creek, and is located approximately 16' north of the northeast wingwall. It is anticipated that the line is approximately 2 1/2' deep at this location.

A-2.7.6 Utility Service Connections

None known.

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A-3.2 BIN 5009929

A-3.2.1 Telecommunications

A-3.2.1.1 Verizon Communications

None anticipated.

A-3.2.1.2 Spectrum Cable

None anticipated.

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. The overhead utility line that crosses the Thruway mainline can be de-energized without time or duration restrictions. Contact Don Ambrose; National Grid; Senior Program Manager at (315) 440-2115.

A-3.2.3 Natural Gas and Petroleum

A-3.2.3.1 National Grid

None anticipated.

A-3.2.3.2 Buckeye Pipe Line Companies

None anticipated.

Deleted: Buckeye Partners, L.P. Petroleum Pipeline

A-3.2.4 Water and Sewer

A-3.2.4.1 Oneida County – Water Quality & Pollution Control

None anticipated.

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

None anticipated.

A-3.2.4.3 Other Utilities – Fiber Optic

A-3.2.4.4 NYS Thruway Fiber Optic Line/G4S

None anticipated.

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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-3.3.3.2 Buckeye Pipe Line Companies

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 – Fiber Optic

A-3.3.4.3 NYS Thruway Fiber Optic Line/G4S

The Fiber optic line will be relocated 2' to the north of the existing Pier 3 footing, and running parallel to the footing. The approximate depth of the line will be 4'. The fiber optic line will be relocated before the Notice to Proceed.

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.

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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 – Fiber Optic

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 Buckeye Pipe Line Companies

None anticipated.

A-3.5.3.3 Water and Sewer

A-3.5.3.4 Companies Name – N/A

None anticipated.

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A-3.5.3.5 Other Utilities - Fiber Optic

A-3.5.3.6 NYS Thruway Fiber Optic Line/G4S

A-3.5.3.7 The Fiber optic line will be relocated 2' to the north of the existing Pier 3 footing, and running parallel to the footing. The approximate depth of the line will be 4'. The fiber optic line will be relocated before the Notice to Proceed.

A-3.5.3.8 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 Pipe Line Companies

None anticipated

Deleted: Buckeye Partners Corporations

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

The Fiber optic line will be relocated 2' to the north of the existing Pier 3 footing, and running parallel to the footing. The approximate depth of the line will be 4'. The fiber optic line will be relocated before the Notice to Proceed. Possible relocation required.

A-3.7 BIN 5510130

A-3.7.1 Telecommunications

A-3.7.1.1 Companies Name - NA

None anticipated.

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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 Pipe Line Companies

None anticipated.

Deleted: Buckeye Partners Corporation

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

None anticipated.

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.

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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 – Fiber Optic

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 Pipe Line Companies

The utility has specific requirements for protecting the pipeline from heavy equipment, vibratory equipment, and other requirements regarding operations in the vicinity of the pipeline. The existing oil pipeline is within the specified 300', minimum radius for pile driving. The Authority will cover the cost of seismograph required for monitoring. The Thruway Authority has submitted an encroachment resolution for the addition of 3' of highway embankment at the overhead roadway centerline and an extension of the sideslopes and toe of slope to accommodate the raised vertical profile. Within these limits, the petroleum pipeline casing and any necessary extensions shall be the responsibility of Buckeye Pipeline. If the Design Builder extends outside of the predetermined limits of the 3' of additional fill at the roadway surface and the extension of the toe of slope at a 1:2, the Design Builder shall engage Buckeye Pipeline and reach an agreement as to the resolution of the utility encroachment.

Deleted: Buckeye Partners, L.P. Petroleum Pipeline

Deleted: None anticipated.

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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 – Fiber Optic

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-4.3.3.2 Buckeye Pipe Line Companies

The utility has specific requirements for protecting the pipeline from heavy equipment, vibratory equipment, and other requirements regarding operations in the vicinity of the pipeline. The existing oil pipeline is within the specified 300' minimum radius for pile driving. The Authority will cover the cost of seismograph required for monitoring. The Thruway Authority has submitted an encroachment resolution for the addition of 3' of highway embankment at the overhead roadway centerline and an extension of the sideslopes and toe of slope to

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accommodate the raised vertical profile. Within these limits, the petroleum pipeline casing and any necessary extensions shall be the responsibility of Buckeye Pipeline. If the Design Builder extends outside of the predetermined limits of the 3' of additional fill at the roadway surface and the extension of the toe of slope at a 1:2, the Design Builder shall engage Buckeye Pipeline and reach an agreement as to the resolution of the utility encroachment.

A-4.3.4 Water and Sewer

A-4.3.4.1 Companies Name – N/A

A-4.3.5 Other Utilities – Fiber Optic

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.

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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-4.5.3.2 Buckeye Pipe Line Companies

The utility has specific requirements for protecting the pipeline from heavy equipment, vibratory equipment, and other requirements regarding operations in the vicinity of the pipeline. The existing oil pipeline is within the specified 300', minimum radius for pile driving. The Authority will cover the cost of seismograph required for monitoring. The Thruway Authority has submitted an encroachment resolution for the addition of 3' of highway embankment at the overhead roadway centerline and an extension of the sideslopes and toe of slope to accommodate the raised vertical profile. Within these limits, the petroleum pipeline casing and any necessary extensions shall be the responsibility of Buckeye Pipeline. If the Design Builder extends outside of the predetermined limits of the 3' of additional fill at the roadway surface and the extension of the toe of slope at a 1:2, the Design Builder shall engage Buckeye Pipeline and reach an agreement as to the resolution of the utility encroachment.

A-4.5.4 Water and Sewer

A-4.5.4.1 Companies Name – N/A

None anticipated.

A-4.5.5 Other Utilities – Fiber Optic

A-4.5.5.1 NYS Thruway Fiber Optic Line/G4S

None anticipated.

A-4.5.5.2

A-4.5.5.3 Windstream Communications DBA Intellifiber Networks Inc.

None anticipated.

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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 Pipe Line Companies

Deleted: Buckeye Partners Corporation

The utility has specific requirements for protecting the pipeline from heavy equipment, vibratory equipment, and other requirements regarding operations in the vicinity of the pipeline. The existing oil pipeline is within the specified 300', minimum radius for pile driving. The Authority will cover the cost of seismograph required for monitoring. The Thruway Authority has submitted an encroachment resolution for the addition of 3' of highway embankment at the overhead roadway centerline and an extension of the sideslopes and toe of slope to accommodate the raised vertical profile. Within these limits, the petroleum pipeline casing and any necessary extensions shall be the responsibility of Buckeye Pipeline. If the Design Builder extends outside of the predetermined limits of the 3' of additional fill at the roadway surface and the extension of the toe of slope at a 1:2, the Design Builder shall engage Buckeye Pipeline and reach an agreement as to the resolution of the utility encroachment.

Deleted: 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.

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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 Pipe Line Companies

None anticipated.

Deleted: Buckeye Partners Corporation

A-4.7.4 Water and Sewer - N/A

A-4.7.4.1 Buckeye Pipe Line Company

Deleted: Companies Name – N/A

The utility has specific requirements for protecting the pipeline from heavy equipment, vibratory equipment, and other requirements regarding operations in the vicinity of the pipeline. The existing oil pipeline is within the specified 300', minimum radius for pile driving. The Authority will cover the cost of seismograph required for monitoring. The Thruway Authority has submitted an encroachment resolution for the addition of 3' of highway embankment at the overhead roadway centerline and an extension of the sideslopes and toe of slope to accommodate the raised vertical profile. Within these limits, the petroleum pipeline casing and any necessary extensions shall be the responsibility of Buckeye Pipeline. If the Design Builder extends outside of the predetermined limits of the 3' of additional fill at the roadway surface and the extension of the toe of slope at a 1:2, the Design Builder shall engage Buckeye Pipeline and reach an agreement as to the resolution of the utility encroachment.

Deleted: None anticipated.

A-4.7.5 Other Utilities – Fiber Optic

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

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