

August 29, 2023

**To: ALL QUALIFIED FIRMS**

**Subject: REQUEST FOR EXPRESSIONS OF INTEREST  
MULTI-PROJECT SOLICITATION**

**ORDER FOR PROFESSIONAL SERVICES NO. A3935  
2023 Retaining Wall and Noise Barrier Inspection – North**

**And**

**ORDER FOR PROFESSIONAL SERVICES NO. A3936  
2023 Retaining Wall and Noise Barrier Inspection – South**

Enclosed (See Attachment A) herewith is a Multi-project Request for Expressions of Interest (“RFEOI”) by the New Jersey Turnpike Authority (Authority) for professional engineering services required for two (2) Orders for Professional Services Agreements OPS No. A3935 and OPS No. A3936 are for the inspection of a combined 536 Retaining Walls and 159 Noise Barriers located along the New Jersey Turnpike between Mileposts 38.90 and 122.03 including the NB-HCE, and the Garden State Parkway between Mileposts 0.50 and 163.30. In accordance with N.J.A.C. 19:9-2.8(b), these Orders for Professional Services are considered Simple procurements.

It is the Authority’s intent to engage the services of two (2) firms through this multi-project solicitation, one for OPS No. A3935 and one for OPS No. A3936. **The Qualified Firms shall convey their understanding of the Authority’s needs, scope of work, and express their approach and provide staffing estimates for both OPS assignments.**

To be considered as eligible and qualified to submit an Expression of Interest (“EOI”) for the professional engineering services being solicited in this RFEOI, a Firm must be prequalified in the following Profile Code:

<b>Profile Code</b>	<b>Description</b>
D280R	Bridges - NBIS Program, Routine

A Qualified Firm, eligible to submit an EOI for this multi-project RFEOI solicitation, is one that has a **current** “Professional Service Prequalification Questionnaire” (“PSPQ”) package on file with the Authority prior to submission of the EOI. A current PSPQ is one that has been on file with the Authority for no more than 24 months, or in certain cases for no more than 12 months.

Prequalification is not required for subconsultants. Prequalification **is** required for Joint Ventures.

A list of Qualified Firms eligible to submit an EOI for the above referenced assignment is attached (See Attachment B, Subsection B4). \*Joint Ventures (\*Qualified Firms interested in submitting an EOI as a Joint Venture **must be prequalified as a Joint Venture** with the Authority) that meet all Profile Code requirements are also eligible to submit an EOI.

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The Authority is seeking participation of Small Business Enterprises (SBEs) as subconsultants to the Qualified Firm that is awarded a contract under this RFEI (the “Successful Qualified Firm”). The SBE project goal is 25%. The Authority has also adopted a Disabled Veteran Owned Business (DVOB) Enterprise Program (the “DVOB Program”) pursuant to which the Successful Qualified Firm must make a good faith effort to award at least three (3) percent of the assignment to DVOBs, all as more fully described in this RFEI. See Attachment “C”, Subsection C12, “Small Business Enterprise/Disabled Veteran-Owned Business Programs”.

All submittals required pursuant to N.J.S.A. 19:44A-20.13 to 20.25 (P.L. 2005, c.51), N.J.S.A. 19:44-20.26 (P.L. 2005, c.271s.2), P.L. 2023, c.30 (The Elections Transparency Act) and Executive Order 333 (2023 Murphy) will be requested from the Successful Qualified Firms only. The relevant forms will be transmitted to each Successful Qualified Firm by the Authority and are to be returned to the Authority within five (5) business days from receipt.

The following attachments are incorporated into and made part of the RFEI:

- ATTACHMENT A – Expression of Interest and Fee Proposal Submission Requirements (A1 and A2).
- ATTACHMENT B - Standard Information (B1 through B4).
- ATTACHMENT C - Standard Supplemental Information and Forms (C1 through C13(k)).
- ATTACHMENT D - N.J.A.C. 19:9-2.8 Procedures for Prequalification and Award of Contracts for Architectural, Engineering and Land Surveying Procedures.

### Staff Qualifications

It will be the Successful Qualified Firm’s responsibility to ensure that the project is fully and adequately staffed for the successful completion of the project.

Key project personnel shall possess relevant training and experience demonstrating successful completion of effective scheduling for National Bridge Inspection Standard (NBIS) inspection of large groups of routine bridges and/or ancillary highways structures and report submittals and familiar with retaining wall and noise barrier design and recommendations for repairs. Staff should include structural and geotechnical engineers familiar with retaining wall and noise barrier inspection and load rating, and forensic structural engineering assessments. Project Managers, Team Leaders, Assistant Team Leaders, and Quality Control Engineers must meet the requirements outlined in the “Qualifications of Key Bridge Inspection Personnel” document on the Authority’s website at <http://www.njta.com/doing-business/njta-bridge-inspect-program> under the heading “Bridge Inspection Program” and as summarized on the NJTA Bridge Inspection Qualification Summary Form QAF3 – Quality Assurance Audit: Technical Managers Qualifications Review Checklist (QAF3 Form). The QAF3 form is included within Appendix B of the NJTA Bridge Inspection Program Quality Management Plan. Team Leaders who are registered professional engineers (P.E.) shall have a minimum of one year of retaining wall and noise barrier inspection experience, however, a minimum of two years of prior inspection experience is required for those that are not a P.E. Assistant Team Leaders shall have one year of prior retaining wall and noise barrier inspection experience. These factors will be critical elements in the selection process.

Recent Authority Project Experience Form identifying all Authority projects on which the Qualified Firm is currently working or have been completed (closed out) within the previous five (5) year period. A separate form shall be provided for the prime Qualified Firm and for each subconsultant.

A completed NJTA Bridge Inspection Qualification Summary form detailing certifications of proposed staff shall be submitted. A copy of this form will be available via the Authority’s Secure File Sharing Site.

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A description of services for this solicitation can be found in Attachment B, Subsection B2, “*Scope of Services*” of this RFEOI.

### Multi-Project Description

These assignments involve inspection of a combined 536 Retaining Walls and 159 Noise Barriers located along the New Jersey Turnpike between Mileposts 38.90 and 122.03 including the NB-HCE, and the Garden State Parkway between Mileposts 0.50 and 163.30. The services shall encompass close visual inspections of the retaining walls and noise barriers supplemented with a hands-on inspection for conditions that may affect the safety of the travelling public and/or the integrity of the retaining wall or noise barrier. The services will involve field verification and input of new inventory data or verification of existing inventory data as well as preparation of inspection reports (one report per structure). The inspections shall encompass all primary structural elements, secondary elements, and appurtenances comprising the retaining walls and noise barriers, including but not limited to wall facing, foundations, anchors/connections, vertical supports, joints, railings, barriers, roadway surface above and/or along walls, and drainage elements, and preparation of draft and final inspection reports (one report per structure) using the Authority’s Bentley AssetWise Inspections software. See Attachment B, Subsection B2 for the list of retaining walls and noise barriers to be inspected.

OPS No. A3935 involves 258 retaining walls and 113 noise barriers located in the northern portion of the New Jersey Turnpike and Garden State Parkway between Turnpike Mileposts 82.15 and 122.03, including the Easterly and Westerly Alignments and the Newark Bay - Hudson County Extension (NB-HCE), and the Parkway between Mileposts 140.50 and 163.30 (North).

OPS No. A3936 involves 278 retaining walls and 46 noise barriers located in the southern portion of the New Jersey Turnpike and Garden State Parkway between Turnpike Mileposts 38.90 and 81.90 and the Parkway between Mileposts 0.50 and 134.52 (South).

The Consultant will be responsible for coordinating project needs with other agencies, local jurisdictions, railroads, and utilities.

The Authority will utilize a Secure File Sharing site (“Kiteworks”) to share with and receive information from the Qualified Firms. Access to Kiteworks will be provided to the Qualified Firms via e-mail. Reference materials (*preliminary plans, studies, reports, etc.*) for this RFEOI will be made available for review in the “*Background Materials*” folder.

If there are any questions or issues related to Kiteworks, please contact Jennifer Romero via e-mail at [jromero@njta.com](mailto:jromero@njta.com). The subject line should read “OPS Nos. A3935 and A3936, Kiteworks Information”.

### Submission Requirements for Expression of Interest

Qualified Firms that are interested in being considered to perform these services as specified in the RFEOI must submit a total of **five (5)** copies of their Expression of Interest (EOI), no later than **10:00 AM on Wednesday, September 13, 2023**. EOIs are to be submitted as follows: **One (1) PDF** copy uploaded to the “EOI” folder on **Kiteworks** in accordance with the following naming convention: “OPS No. A3935\_EOI\_Qualified Firm Name”; and **four (4)** hard copies of the EOI for Order for Professional Services No. A3936 shall be delivered to the Authority’s Headquarters, clearly marked with the Qualified Firm’s name and the words, “**EOI, OPS Nos. A3935 and A3936**”, no later than the date and time referenced above. **Late submissions will not be considered** and will be returned unopened.

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Expressions of Interest shall be delivered/addressed as follows:

### Hand or Overnight Delivery

New Jersey Turnpike Authority  
1 Turnpike Plaza  
Woodbridge, NJ 07095  
Attn: Engineering Department, Highway Design  
King F. Lee, P.E., Project Engineer

### U.S. Mail

New Jersey Turnpike Authority  
P.O. Box 5042  
Woodbridge, NJ 07095-5042  
Attn: Engineering Department, Highway Design  
King F. Lee, P.E., Project Engineer

### Inquiries

Inquiries pertaining to this RFEOI are to be directed in writing to King F. Lee, P.E. via e-mail to [klee@njta.com](mailto:klee@njta.com) with a copy to [santiago@njta.com](mailto:santiago@njta.com). The subject line should read "OPS Nos. A3935 and A3936. **The deadline for inquiries is Tuesday, September 5, 2023.** The Authority will respond to all written inquiries received by the deadline. Each inquiry will be stated, and a written response provided. **Responses will be posted on the Authority's website under Doing Business, Current Solicitations on or before Wednesday, September 6, 2023.**

Qualified Firms will be responsible for submitting their EOs in accordance with this RFEOI and any modifications, revisions and/or clarifications to this RFEOI as may be issued by the Authority.

Professional services are required from two (2) eligible firms, one for Order for Professional Service No. A3935 and one for Order for Professional Services No. A3936.

### Consultant Selection

Upon receipt of the EOs for this multi-project solicitation, and in accordance with N.J.A.C. 19:9-2.8(e), the Authority will review each Qualified Firm's submission for completeness and shall reject those EOs that are incomplete. The Authority shall notify all Firms whose EOs are determined to be incomplete in writing.

The Evaluation Committee shall rank each Qualified Firms Expression of Interest on the basis of numerical scores using the eight (8) rating factors and relative weights specified below and will request Fee Proposals from the top three (3) highest technically ranked firms in accordance with N.J.A.C. 19:9-2.8(e.7).

Negotiations will commence with the highest technically ranked firm for OPS No. A3935 and once complete, negotiations will commence with the second highest technically ranked firm for OPS No. A3936 in accordance with N.J.A.C. 19:9-2(g).

N.J.A.C. 19:9-2(g) is attached for ready reference in Attachment D "N.J.A.C. 19:9-2.8 Procedures for Prequalification and Award of Contracts for Architectural, Engineering and Land Surveying Services".

For this solicitation, the rating factors and their relative weights are:

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RATING FACTORS	WEIGHT (%)	POINTS
1. Experience of the Qualified Firm and its Subconsultants	15	45
2. Experience of the Project Manager on Similar Projects	15	45
3. Key Personnel's Qualifications and Relevant Experience	15	45
4. Understanding of the Project and the Authority's Needs, and Reasonableness of Staffing Estimate	15	45
5. Approach and Methodology in Performing the Services Required	15	45
6. Commitment and Ability to Perform the Project and Outstanding Work with the Authority	10	30
7. Commitment to Quality Management	10	30
8. Attainment of DVOB and SBE Participation Goals	5	15
	100%	300

### Rating Factors (to be summarized in the Letter of Interest):

#### 1. Experience of the Qualified Firm and its Subconsultants

The Qualified Firm shall provide information on past projects which it has performed that demonstrate similar service of those required for this assignment. Each project listed shall include a brief description of the project scope performed by the Qualified Firm and its relevance to the proposed assignment. It shall identify the Qualified Firm's office(s) the work was performed from, the date (time frame) the services were performed, magnitude and cost of the project, and contact/reference information for each project listed.

#### 2. Experience of the Project Manager on Similar Projects

The Qualified Firm shall identify the Project Manager that will be assigned to the project and identify the individual's education, credentials, and work experience. The Qualified Firm should discuss the proposed Project Manager's experience and its application to the assignment. The Qualified Firm shall review the criteria set forth by the Authority in the RFEOI in consideration of the person proposed for the assignment. If the Qualified Firm is proposing an individual with credentials considerably different than those identified by the Authority, the Qualified Firm must explain its rationale and identify/demonstrate the benefit the individual brings to the assignment.

The resume of the Project Manager proposed, included in the EOI, shall be clear, dated and detailed to the related assignment experience. References shall be furnished for each project listed (include date when work performed and relevance to subject assignment and at least one contact name and phone number for each project). Unless otherwise noted, the Project Manager shall be a licensed Professional Engineer in the State of New Jersey.

#### 3. Key Personnel's Qualifications and Relevant Experience

The Qualified Firm shall identify the Project Engineer and/or other key personnel that will be assigned to the project and their role and responsibilities specific to the assignment. Information concerning their education, credentials and work experience should be provided along with contact/reference information. The Qualified Firm shall discuss the individuals proposed for the assignment and identify how their education, credentials, and work experience are applicable to their role on the assignment.

The resumes of key personnel proposed, included in the EOI shall be clear, dated and detailed to the related assignment experience. References shall be furnished for each project listed (include at least one contact name and phone number for each project).

**4. Understanding of the Project and the Authority's Needs, and Reasonableness of Staffing Estimate**

Provide an explanation of the Qualified Firm's understanding of the project and Authority's needs required for the successful completion of the assignment. Provide a summary of the Qualified Firm's qualifications, and state how they relate to the Qualified Firm's ability to provide the requested services. Through attached organizational chart and resumes identify the person(s), or subconsultant(s), responsible for each division of the assignment and their relevant experience.

Understanding of the Project

The Qualified Firm shall provide information to demonstrate that it fully understands the overall objective of the projects and why the Authority is undertaking the assignments. This may include discussions providing background information on the need for the projects, its effect on the Authority's facilities, and impact on the overall transportation network. Qualified Firms should demonstrate specific first-hand knowledge of the location affected by the project and the long-term effects the projects has on the Authority, its patrons, or other relevant issues.

Understanding of the Authority's Needs

The Qualified Firm shall demonstrate that it fully understands the needs of the Authority as it relates to the specific scope-of-work identified in the RFEOI. The Qualified Firm must confirm the deliverables and the schedule for design and construction associated with project specific deliverables. The Qualified Firm should also discuss project management items, including deliverables such as submittal of wage rate approvals and invoicing.

Reasonableness of Staffing Estimate

The Qualified Firm shall demonstrate through an attached Staffing Estimate the workhours required for this assignment, including any work anticipated to be performed by subconsultants. The staffing schedule shall follow the guidelines set forth herein and sample in Attachment B, Subsection B3.

**5. Approach and Methodology in Performing the Services Required**

The Qualified Firm shall identify the major tasks comprising the project and describe in detail how they will be accomplished. Provide an explanation of the process the Qualified Firm will use to schedule, manage, and perform the required tasks within the scope of services and identify the key milestones and the projects' critical path. The Qualified Firm shall identify key issues and potential problems and discuss alternatives and options which would lead to resolution. The Qualified Firm should discuss innovative concepts with cost benefits and/or accelerated project delivery, where applicable. The subconsultant roles, value to the team/project, and reporting relationship shall be clearly identified.

**6. Commitment and Ability to Perform the Project and Outstanding Work with the Authority**

The Qualified Firm shall identify its commitment and ability to complete the proposed work as well as any outstanding work they currently have with the Authority. The Qualified Firm shall provide an explanation of the anticipated project schedule and demonstrate that the Qualified Firm can commit the required staff resources and management to perform the assignment. A listing of the Qualified Firm's facilities, including the address of the office where the project will be performed, and how they relate to the Qualified Firm's ability to provide the requested services shall be provided.

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➤ Commitment and Ability to Perform the Project

The Qualified Firm shall discuss its commitment and availability of required staff for the assignment as shown on the completed “Commitments of Proposed Project Staff” and “Certification of Staff Availability” forms.

➤ Outstanding Work with the Authority

The Qualified Firm shall discuss its outstanding work with the Authority as shown on the completed Disclosure Forms for the prime and all subconsultants. Information should be provided to demonstrate how these projects may be impacted or affected by the existing workload of the Qualified Firms or its subconsultants. Outstanding Work shall be considered the sum of the Outstanding Work of the prime and subconsultants. No factors/weighting will be applied based on the percent of work assigned to the prime or subconsultants.

### 7. **Commitment to Quality Management**

The Qualified Firm shall discuss its Commitment to Quality Management and Quality Assurance/Quality Control (QA/QC). The Qualified Firm shall provide a written narrative that describes the Qualified Firm's quality assurance policy and how it intends to implement a quality assurance program specifically for these assignments. The Qualified Firm shall identify credentialed QA/QC staff and the roles and working relationships with other staff members as part of the design process or construction phase.

### 8. **Attainment of DVOB and SBE Participation Goals**

The Qualified Firms agree to make a good faith effort to award at least three (3) percent of the assignment to those businesses that meet the requirements and have been registered by the Division of Revenue & Enterprise Services/Department of Treasury as a Disabled Veteran Owned Business Enterprise. Qualified Firms shall demonstrate how they will utilize DVOB Qualified Firms to achieve the 3% goal and add value to the project team.

The Qualified Firms also agree to make a good faith effort to award at least twenty-five (25) percent of the assignment to those businesses that meet the requirements and have been registered by the Division of Revenue & Enterprise Services/Department of the Treasury as a Small Business Enterprise.

Qualified Firms shall demonstrate how they will utilize SBE Qualified Firms to achieve the 25% goal and add value to the project team.

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**Order for Professional Services**

**(OPS)**

The final OPS Agreement to be awarded and issued to the Successful Qualified Firms shall be in a form consistent with the Authority's Standard OPS Agreement No. 4 for Simple projects (which is available on the Authority's website: [www.njta.com](http://www.njta.com) under Doing Business, Engineering Professional Services, PS Supplemental Forms).

Very truly yours,

**ORIGINAL SIGNED BY**

Michael Garofalo  
Chief Engineer

MG:KFL:ms  
Attachments

c: L. T. Malak  
D. Hesslein  
W. Wilson  
Review Committee  
File



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**ATTACHMENT A**

**Expressions of Interest and Fee Proposal Submission Requirements**

**Subsection No. and Title**

- A1. Expressions of Interest Submission Requirements
- A2. Fee Proposal Submission Requirements

**Subsection A1**  
**EOI Submission Requirements**

To be considered for these services, each Qualified Firm, must submit the following:

1. **Letter of Interest**, which shall be limited to a total of five (5) single-sided, letter-sized pages with minimum 1-inch borders and minimum font size of 10 pt., stating the Firm's interest, ability, and its commitment to complete the requested professional services listed in Attachment B, Subsection B2, "Scope of Services".

A brief transmittal letter **is excluded** from the above referenced page count.

The Letter of Interest shall demonstrate the Qualified Firm's ability to meet the rating factors listed under the heading "Consultant Selection" hereinabove. The Qualified Firm shall address the rating factors in the order in which they are listed, i.e., 1 through 8.

This EOI submission is limited to a total of twelve (12) pages. This page limitation does not apply to the documents listed in Items 2 and 4-10 below. Qualified Firms may include a maximum of three (3) 11x17 inch foldout sheets to convey certain information such as team experience and graphics that cannot otherwise be adequately presented on 8 1/2 x 11-inch pages. Use of a foldout sheet shall count as one (1) page within the twelve (12) page limitation.

2. An **organizational chart** showing key project team members for all primary tasks, including subconsultants. Provide all team members' names, titles, and reporting relationships.
3. **Resumes for the Project Manager and each Key Personnel team members**, detailing relevant experience and professional/technical qualifications. Include resumes of proposed subconsultants. Each resume should be one page, single-sided with a maximum of seven (7) with dates provided for each project.
4. A completed **NJTA Bridge Inspection Qualification Summary form** detailing certifications of proposed staff shall be submitted. A copy of this form will be available via the Authority's Secure File Sharing Site.
5. A **detailed staffing estimate** per task and by ASCE Grade/ Classification, along with an estimate of total hours, to provide the work described herein.
6. A **Project Schedule** for this solicitation that addresses the various tasks defined by the scope of services for this assignment. The Project Schedule may be a maximum of two (2) pages – foldout sheets are permitted.
7. A completed **Commitment of Proposed Project Staff Form** stating the percentage of time each member has available to commit to this assignment, including subconsultant staff.
8. A completed **Certification of Staff Availability Form** from the Qualified Firm shall certify that the staff proposed in the EOI shall be used in the performance of the project. When proposing the same staffing in multiple EOIs, disclose one of the following:
  - A. A statement that all projects utilizing same staff will be completed on time and how this will be done, or
  - B. A statement that the Qualified Firm voluntarily withdraws one of the EOIs from further consideration if the Authority is giving serious consideration to more than one EOI, or
  - C. \*Alternate staff resumes to be used by the Authority in evaluating EOIs if the Authority is giving serious consideration to more than one EOI.

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9. A completed **Recent Authority Project Experience Form** identifying all Authority projects on which the Qualified Firm is currently working or have been completed (closed out) within the previous five (5) year period. A separate form shall be provided for the prime Qualified Firm and for each subconsultant.
10. Completed Standard Supplemental Forms as set forth in Attachment C, Subsection C13 “Standard Supplemental Forms to be Submitted”.

\*The aforementioned page limitation shall be increased to a maximum of twenty (20) pages if the Qualified Firms must exercise option \*9C above. The additional eight (8) single-sided letter-sized pages shall include information for alternate staffing as follows:

- 1) An alternate Organizational Chart as permitted above showing key personnel names, position, title, and reporting relationships (Note: Organizational Chart is not included in the page count).
- 2) One (1) page, single-sided resume for up to seven (7) alternative key project personnel stating relevant experience including dates of assignments and professional qualifications.
- 3) Allowance for one (1) page, if necessary, to explain the Qualified Firms’ modified approach to the project if it would be handled differently as a result of utilizing the alternate personnel.

The Qualified Firm shall not include alternate staffing in their EOI unless they are required to do so in accordance with Option \*8C. When appropriately included in the EOI, the proposed alternative staffing information shall be contained in a separate attachment of the EOI. It shall only be considered by the Authority in the scoring of the EOI if required.

Pages in excess of the stated page limitations for each of the EOI criteria above will not be read or considered. If the EOI submitted is not in accordance with the specific provisions defined above, it shall be considered, non-responsive, incomplete and may be rejected.

### **Subsection A2** **Submission of Fee Proposal**

Following a review of the submitted Expressions of Interest, the Authority will request Fee Proposal(s) from the top three (3) (or more), technically ranked Qualified Firm(s) for OPS No. A3935 and OPS No. A3936.

The Fee Proposal shall be submitted as a cost-plus fee based on reimbursement of direct professional and technical salaries times a multiplier, not to exceed 2.80, based on a 10% allowance for profit and an overhead rate of 154.5%, or the individual Qualified Firm’s overhead rate as determined by Federal Acquisition Regulations (48 CFR Part 31.105), whichever is less, plus direct expenses, subconsultant services and subcontractor services, at cost. The multiplier shall not be applied to the premium portion of overtime. The multiplier covers all overhead and profit.

Subconsultant and subcontractor services are those required services performed by other firms or contractors at the Successful Qualified Firm’s direction.

For general services provided by the Successful Qualified Firm’s corporate officers, partners, owners and/or principals in a non-technical capacity, no compensation will be provided. When corporate officers, partners, owners and/or principals are required to provide services in a technical capacity, the salaries for such individuals performing services in a technical capacity shall be reimbursable for direct salaries times a multiplier not to exceed 2.80.

No expenses or costs shall be billed unless specifically included in this EOI Solicitation and the Successful Qualified Firm’s final negotiated Fee Proposal.

Average rate per classification/grade will not be permitted to determine total labor costs. The Fee Proposal shall detail time (hours) and direct salary data for classifications conforming to the ASCE Professional and Technical Grades, as shown on the Staffing Estimate and as modified by the Qualified Firm to account for all required services. Services shall be billed in accordance with the Successful Qualified Firm’s Fee Proposal.

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Salary rate increases will be permitted in accordance with the following parameters:

- Salary increases for merit or cost of living will not be permitted for the first 12 months of any OPS Agreement from the date of execution.
- Starting at month 13, all staff, regardless of pay grade / title, will be allowed up to a maximum annual increase of 3%.
- The proposal salary rate increase schedule will apply to the Successful Qualified Firm as well as all subconsultants.
- Salary rate increases as a result of a promotion are not subject to this policy.

**The Qualified Firm's total Fee Proposal for these services shall be rounded to the nearest \$5,000.**

Salaries shall be charged at the Successful Qualified Firms' hourly rates. The Successful Qualified Firm is responsible for managing the assignment, adhering to the number of hours, salary rates and personnel, as proposed in the Expression of Interest and Fee Proposal. Individual standard and overtime rates must be approved by the Authority's Chief Engineer or the Chief Engineer's designated representative prior to commencement of services or whenever the Successful Qualified Firms proposes that an individual's rate be changed during the term of this OPS awarded pursuant to this RFEOI, provided such change is reflected in the Qualified Firm's Fee Proposal. Except for overtime worked on construction supervision during permissible contract working hours, overtime must be approved by the Authority. The Fee Proposal shall follow and reflect the staffing estimate as shown in Attachment B, Subsection B3.

To assist in the Authority's management of its annual spending, the Qualified Firm shall include within the Fee Proposal the projected billings associated with these services, including monthly projections for the first two (2) years and quarterly billing projections for the duration of this assignment.

Given the potential for out-of-scope activities to arise during the performance of this OPS, the Qualified Firm is directed to include a 10% contingency of the cost-plus fee based on reimbursement of direct professional and technical salaries times the multiplier (burdened labor fee) for "Unanticipated Services" in their Fee Proposal. These contingency monies will be utilized only upon receipt of written notification from the Authority explicitly authorizing the use of these monies.

Direct expenses shall include only mileage, printing of inspection reports (including the costs of regular paper, colored paper, dividers, covers, photo pages, bindings, labels, and plastic covers), railroad flagging and inspection services, railroad and utility permits/insurance, rental cost for retaining wall and noise barrier inspection equipment, Maintenance and Protection of Traffic (MPT) costs, fuel and repairs for rented inspection equipment or Truck Mounted Attenuators (TMAs), Authority approved safety vests, tolls charged by other agencies as required to access Authority culverts, and expenses associated with the unanticipated assignment task, with prior written approval by the Authority. The Qualified Firm shall provide the estimated direct costs for these items in the Fee Proposal. Mileage will be paid at the prevailing federal mileage rates ([www.irs.gov](http://www.irs.gov)). Mileage will be reimbursed for travel between the Successful Qualified Firm's local office and the job site and return. Any change to this rate is subject to the approval of the New Jersey Turnpike Authority. The Successful Qualified Firm will be responsible for paying all tolls.

Compensation for lodging and meals will not be reimbursed, unless approved in writing in advance by the Authority. If approved, expenses for lodging and meals will be paid at in accordance with the federal per diem rates which can be found at [www.gsa.gov/perdiem](http://www.gsa.gov/perdiem). This shall apply to the Successful Qualified Firm and its subconsultants and subcontractors.

Overnight delivery charges will be paid by the Authority only if such overnight delivery is specifically requested by the Authority and agreed to in advance. Otherwise, the Successful Qualified Firm will not be reimbursed for overnight delivery charges. This shall also apply to the Successful Qualified Firm's subconsultants and subcontractors.

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**ATTACHMENT B**  
**Supplemental Information**

**Subsection No. and Title**

B1. Anticipated OPS Procurement and Project Schedule

B2. Scope of Services

B3. Staffing Estimate

B4. Qualified and Eligible Firms

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**Subsection B1**

**OPS Procurement and Project Schedule**

Request for Expressions of Interest Posted .....	August 29, 2023
Deadline for Written Inquiries.....	September 5, 2023
Posted Responses to Inquiries .....	September 6, 2023
Deadline for Submittal of Expressions of Interest .....	September 13, 2023
Recommendation to Award OPS No. A3935 and OPS No. A3936.....	October 24, 2023
Notice to proceed for OPS No. A3935 and OPS No. A3936.....	December 2023
Completion of Services OPS No. A3935.....	December 2024
Completion of Services OPS No. A3936.....	December 2024

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### **Subsection B2** **Scope of Services**

For the purpose of this RFEI, the terms "Consultant" and/or "Firms" which are used throughout these documents shall mean Qualified Firm, and/or sub-consultants retained by the Qualified Firm for this assignment.

#### **INTRODUCTION**

OPS No. A3935 and OPS No. A3936 are for the inspection of a combined 536 Retaining Walls and 159 Noise Barriers located along the New Jersey Turnpike between Mileposts 38.90 and 122.03 including the NB-HCE, and the Garden State Parkway between Mileposts 0.50 and 163.30. The services shall encompass close visual inspections of the retaining walls and noise barriers supplemented with a hands-on inspection for conditions that may affect the safety of the travelling public and/or the integrity of the retaining wall or noise barrier. The services will involve field verification and input of new inventory data or verification of existing inventory data as well as preparation of inspection reports (one report per structure). The inspections shall encompass all primary structural elements, secondary elements, and appurtenances comprising the retaining walls and noise barriers, including but not limited to wall facing, foundations, anchors/connections, vertical supports, joints, railings, barriers, roadway surface above and/or along walls, and drainage elements, and preparation of draft and final inspection reports (one report per structure) using the Authority's Bentley AssetWise Inspections software. See Attachment B, Subsection B2 for the list of retaining walls and noise barriers to be inspected.

Specific inspection scope for OPS No. A3935 involves inspection of 258 retaining walls and 113 noise barriers located in the northern portion of the New Jersey Turnpike and Garden State Parkway between Turnpike Mileposts 82.15 and 122.03, including the Easterly and Westerly Alignments and the Newark Bay - Hudson County Extension (NB-HCE), and the Parkway between Mileposts 140.50 and 163.30 (North). Refer to "OPS No. A3935 List of Retaining Wall and Noise Barrier - North" below for list of retaining walls and noise barriers to be inspected.

Specific inspection scope for OPS No. A3936 involves inspection of 278 retaining walls and 46 noise barriers located in the southern portion of the New Jersey Turnpike and Garden State Parkway between Turnpike Mileposts 38.90 and 81.90 and the Parkway between Mileposts 0.50 and 134.52 (South). Refer to "OPS No. A3936 List of Retaining Wall and Noise Barrier - South" below for list of retaining walls and noise barriers to be inspected.

#### **GENERAL**

1. All services provided by the Successful Qualified Firm shall be in strict conformance with Authority requirements and standards of quality as may be found in the Procedures Manual, Design Manual, Standard Drawings, Sample Design Plans, CADD Standards, and Standard and Supplemental Specifications, all of which are available on the Authority's website at [www.njta.com](http://www.njta.com).
2. The Successful Qualified Firm shall be responsible for the thorough understanding of the project requirements, including all applicable codes, permits, and regulations for all aspects of this project. All elements of the assignment must be in full compliance with all applicable codes, regulations, and standards, and shall consider all technical guidelines available.
3. Any documents required to be submitted to the Authority for review and comment, in performance of the services, will not relieve the Successful Qualified Firm from its obligation to perform all services in accordance with proper engineering criteria and sound professional engineering in accordance with the relevant standard of care. The Authority's review and comment shall not be construed as a comprehensive or detailed review for purposes of verifying or validating such submissions or the Successful Qualified Firm's work product. The Successful Qualified Firm shall be solely responsible for all documents it prepares and shall remain responsible to ensure the integrity of its work, including that of its subconsultants.

**Regulations and Guidelines to be followed, but not limited to:**

**A. New Jersey Turnpike Authority (NJTA)**

NJTA Manual for Retaining Wall and Noise Barrier Inspection, Version 3.0, July 2023

NJTA Standard Specifications 2016

Design Manual

Standard Drawings

Structural Repair Programs

Category A Repair Procedures

Authority Deficiency Category Definitions

Bridge Inspection Security Measures

AssetWise Inspections Online Help System

Manual for Traffic Control in Work Zones

NJTA Structure Inspection Quality Management Plan, current version

**B. Structure Nomenclature/Inspection Methodology**

**Federal Highway Administration (FHWA)**

Bridge Inspectors Reference Manual, December 2006

Guidelines for the Installation, Inspection, Maintenance and Repair of Structural Supports for Highway

Signs, Luminaries and Traffic Signals, March 2005

National Bridge Inspection Standards, 23 CFR Part 650, January 2005

**American Association of State Highway/Transportation Officials (AASHTO)**

Manual for Bridge Evaluation, 3<sup>rd</sup> Edition with 2020 Interims

Manual for Bridge Element Inspection, 2<sup>nd</sup> Edition, 2019

Roadside Design Guide, 2011

**Occupational Safety and Health Administration (OSHA)**

Commercial Diving Operations Standards, 29CFR Part 1910 Subpart T

**New Jersey Department of Transportation (NJDOT)**

Bridge Element Inspection Manual, Revision 1, February 2015.

Underwater Inspection and Evaluation of NJ Bridges Guidelines Manual, June 1994 Edition with August 2008 Revisions.

**C. Concrete Deficiencies**

**American Concrete Institute (ACI)**

Guide for Conducting a Visual Inspection of Concrete in Service, 2008, ACI 201.1R-08

**D. Steelwork/Paint Deficiencies**

**Steel Structures Painting Council (SSPC)**

**General Requirements and Conditions:**

- A. The Successful Qualified Firm shall obtain a traffic permit prior to performing any work on the Authority's Right of Way.
- B. All team leaders shall notify the Authority and the Bridge Inspection Program Technical Manager Consultant (Technical Manager) of their location via email on a daily basis. Email template shall be discussed at the kickoff meeting.



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- C. The Successful Qualified Firm shall provide traffic control in accordance with the current edition of the New Jersey Turnpike Authority Manual for Traffic Control in Work Zones, for inspection work along the New Jersey Turnpike and Garden State Parkway. The Successful Qualified Firm shall also provide traffic control on local and state roads in accordance with the governing agency's requirements, if required. Reimbursement for furnishing traffic control devices and shoulder/lane closings will be made as a direct expense.
- D. Inspection work on the Turnpike and Parkway shall be performed behind guiderail or other roadside barriers, where feasible. Work conducted in a closed lane or shoulder shall be performed in accordance with the Standard Traffic Protection (TP) Drawings. The Successful Qualified Firm shall be responsible for all costs associated with MPT on Authority roadways required for the field work except as defined in item for Traffic Control Coordinator (TCC) below.
- E. Short duration shoulder closings necessary for the inspection work shall be provided and maintained by the Successful Qualified Firm. Short duration shoulder closings shall conform to applicable Standard Drawing.
- F. A truck mounted attenuator (TMA) shall be provided by the Successful Qualified Firm. A separate line item shall be provided in the Fee Proposal for the cost associated with furnishing the TMAs for the project and for fueling of the TMAs. The Successful Qualified Firm will be required to provide a letter from the rental company which states that the supplied TMAs meet or exceed NCHRP 350, Test Level 3 compliance.
- G. A TCC shall be required where lane and half ramp closings are to be installed by the Successful Qualified Firm, subconsultant or subcontractor as part of design or bridge/culvert inspection. A TCC will not be required for shoulder closings installed by the Successful Qualified Firm or vendor. Refer to Specifications Subparagraph 801.03(A)(6) for TCC requirements and certification, which shall apply to design and bridge/culvert inspection tasks involving lane and half ramp closings.
- H. Immediately following Notice to Proceed, the Consultant shall submit a Project-Specific Quality Control/Quality Assurance (QA/QC) Plan for Authority's approval which clearly explains how its firm-wide Quality Management Program translates into the quality process for this assignment. The QA/QC Plan shall identify credentialed QA/QC personnel and their roles and explicitly outline measures to be followed throughout the duration of the assignment, including the management of subconsultants and their work. The Consultant is entirely responsible for the quality of submittals in this inspection assignment and will be monitored by the Authority on a continued basis for adherence to the approved QA/QC Plan. Should it be determined that incomplete or erroneous reports are being submitted, then the Consultant will be required to convene a meeting with the Authority to review the deficiencies and propose an action plan to bring the reports to established standards.

The Authority's Bridge Inspection Program Technical Manager Consultant (Technical Manager) will be involved at a high level to ensure accuracy, consistency and completeness in inspection data collection and entry, inspection report format and content. The Technical Manager will conduct unscheduled field audits for compliance of inspection personnel and procedures, review of select draft inspection reports and limited audits of Bentley AssetWise) data entry. A kickoff meeting will be scheduled with the Consultant, the Authority's Liaison Engineer, and the Technical Manager to discuss inspection procedures, personnel, report format, inspection forms, schedule, and submittals.

- I. If access to any retaining walls and noise barriers are required from outside the Authority's right-of-way, the Consultant shall obtain any necessary permits from state and/or other agencies (i.e. – Occupancy Permits, etc.).

## **DETAILED SCOPE OF WORK**

The Successful Qualified Firm is responsible to undertake any and all activities required to prepare deliverables and all ancillary activities to effectuate the assignment requirements. As such, the Successful Qualified Firm shall perform, at a minimum, the services outlined below. However, the Successful Qualified Firm shall be responsible to account for any and all work activities necessary for the complete performance of this assignment, whether or not such activities are identified below. The Successful Qualified Firm shall account for all work activities required for this project and shall identify any additional services that will be required for the complete performance of this assignment.

### **Research**

- a. Review previous cycle Retaining Wall and Noise Barrier Inspection Reports prior to performing inspections, to obtain an understanding of the features and their conditions.
- b. Identify the As-Built Contracts for original construction and all major alterations done to the retaining wall and noise barrier. Record contract type and dates in the Inspection Reports (Contract History sheet). Upload relevant As-Built sheets and Shop Drawings, if available, to AssetWise as reference drawings.

### **Inspections**

#### A. Inspection Scope

The services to be furnished by the Consultant shall include, but not necessarily be limited to, the following items of work:

- a. The Authority's Retaining Wall and Noise Barrier Inspection Program involves the inspection of 256 routine Retaining Walls and 113 Noise Barriers situated along the northern portion of the New Jersey Turnpike and Garden State Parkway roadways and 280 routine Retaining Walls and 46 Noise Barriers along the southern Turnpike and Parkway roadways. The structures will generally be inspected on a six-year cycle.
- b. The Consultant is expected to field verify the locations and characteristics of the Retaining Walls and Noise Barriers and to either enter or update the existing data into the inventory system. The consultant shall notify the Authority and the Technical Manager of discrepancies from the attached structure lists (see Attachment B, Subsection B2).
- c. For each Retaining Wall and Noise Barrier listed in Attachment B, Subsection B2, the Consultant shall perform a close visual inspection from the ground, supplemented where necessary by ladders or special equipment to determine the following:
  1. The condition of the Retaining Wall or Noise Barrier.
  2. The condition of the appurtenances. All appurtenances are included as part of the inspection, including but not limited to: sign structures and/or light poles attached to the top of the retaining wall, roadway on top and along the front of retaining walls, drainage elements, fencing, guide rail and barrier on top of retaining wall and along base, and utilities.
  3. Deficiencies which may affect the safety of the travelling public and/or the structural integrity of the structure shall be inspected hands-on and shall be brought to the Authority's attention immediately.
- d. For Mechanically Stabilized Earth (MSE) retaining walls, the Consultant shall inspect walls for evidence of wall movement including rotation and settlement.
  - i. Examine barrier and moment slab for evidence of movement as well as the MSE wall for evidence of bulging, bowing or panel offset.

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- ii. Examine the roadway above MSE walls for indications of failing pavement or tension cracking. These may indicate a loss of fill.
- iii. Perform a survey if movement is suspected to establish the horizontal and vertical control with referenced monumentation. All survey work shall be performed in accordance with Section 4, Design Surveys, of the Authority's Procedures Manual dated 2016. As the inspections are completed, the Consultant shall provide the list of walls required for such survey, which will be considered unanticipated services.
- iv. For MSE walls in front of sloping backfill, the crest of the embankment shall be investigated for soil stress or failure, both of which may indicate settlement or wall movement.

The joints between panels of MSE walls shall be inspected and examined for loss of backfill, change in spacing, and indications of settlement.

- i. Inspect walls for evidence of backfill loss (piles of aggregate at the base of the wall).
- ii. Indicate visibility of backfill or fabric behind the panel through joints.
- iii. Examine for evidence of damage to the geotextile fabric, if visible.
- iv. Look for variation in joint spacing. Note vegetation growing in joints.
- v. Vertical slip (expansion joints) used on long lengths of walls shall be investigated similar to panel joints.

Wall panels shall be checked for cracking, spalling, other forms of deterioration, and collision damage.

Drainage systems through or along MSE walls should be inspected to verify water is free flowing into and out of the appropriate facility.

- i. Ensure that weep holes are free draining.
  - ii. Inspect all inlets to verify water is draining into the inlet, and flowing freely to the inlet and out of the outlet. Examine inlets for cracks.
  - iii. Inspect visually or use down hole cameras (as appropriate) for all culverts and pipes contained or having portions in, behind, or above the MSE wall mass and for pipes or culverts which run above, adjacent to, or outlet through the MSE walls to verify pipes are free draining and water is flowing through (and not under or around) the pipe. Examine drainage pipes for cracking or damage with emphasis on areas where water may flow, or is flowing, into the MSE wall soil mass. Inspect outlet ends to verify free drainage or for evidence of migration of fill or other material.
  - iv. Inspect collection and outlet basins to verify water is draining freely. Look for any signs of infiltration or migration of material which may prevent water from draining from the wall.
  - v. Identify inappropriate appearance of water along the base of the wall (i.e., if water is appearing when weather conditions have been particularly dry). Note areas where there is inappropriate collection and/or lack of drainage for water along the length of the MSE Wall.
  - vi. Note erosion of soil along the base of the wall exposing or undermining the leveling pad.
- e. For retaining walls along waterway, the Consultant shall probe and check for possible scour and footing undermining conditions along the face of each wall. The Consultant shall also take soundings at ten (10) foot intervals along the face of each wall. Provide a streambed profile showing the streambed along the face of each wall. Water level, at the time of inspection, shall be shown on the cross-section relative to a reusable known reference elevation. Baseline streambed profiles shall be shown on the drawings to assess long term movement. If tidal flow is present, both mean high and low water level

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shall be shown. The consultant shall provide Sounding sketches using the template provided by NJTA; the sounding sketches are to be an update of the soundings from the last underwater inspection report. The depth of water in the channel at the wall units must be verified by the Team Leader prior to the underwater inspection to verify that an underwater inspection is indeed required and make every effort to perform the inspection during low tide. Retaining walls that have a depth of water not less than 4 feet at the wall units shall have underwater inspections performed.

- f. The retaining walls between Mileposts 0.48 to 2.45 on the Parkway and at Milepost 64. 58 to 65.10 on the Turnpike are along waterways. The Consultant shall perform an underwater inspection, if warranted, of those portions of the walls that are below mean low water during this cycle of inspection and shall be a hands-on inspection performed by a qualified dive team. A Professional Engineer, licensed in the State of New Jersey, shall be present when the underwater inspection is performed. An underwater report containing observations of noted conditions shall be submitted and shall be reviewed by the Consultant. The inspection shall be a Type 2 classification in accordance with NJDOT's Underwater Inspection and Evaluation of New Jersey Bridges Guidelines Manual, June 1994 Edition with August 2008 Revisions. The underwater inspections are in addition to the requirements of the retaining wall inspections (not in place of).

The minimum size of a dive team shall be three (3) as follows:

- i. Commercial Scuba Air Diving
  - a. Designate Person-in-Charge (DPIC)
  - b. Standby Diver
  - c. Diver (line tended)
- ii. Commercial Surface – Supplied Air Diving
  - a. DPIC
  - b. Diver
  - c. Tender

The requirements for diver and dive team training are as follows:

The diver shall have successfully completed NHI Course No. 130091 – Underwater Bridge Inspection within the last 5 years. The diver/diver team's NHI certificate shall be submitted with the EOI. The diver shall be commercially trained at an Association of Commercial Diving Educators (ACDE) accredited school complying with the requirements of ANSI/ACDE-01-1993, "Commercial Diver Training – Minimum Standard". A military diving school meeting the same standards is also acceptable training.

In lieu of meeting the requirements of above, a diver may be trained through either field experience or a combination of formal diving training and field experience. The OSHA diving standard (29-CFR 1910.410) specifies that all dive team members (i.e., divers and support employees involved in diving operations including the DPIC) must have experience or training in the use of tools, equipment, systems, techniques, diving operations and emergency procedures which pertain to their assigned tasks and diving modes (i.e., scuba diving on air, surface supplied diving on air or mixed gas diving). Additionally, dive team members who are exposed to hyperbaric conditions (e.g., diver) or control the exposure of others to hyperbaric conditions (e.g., DPIC or decompression chamber operator) must be trained in diving related physics or physiology. The level of training required by the standard depends upon the particular experience or function an employee fulfills on a dive team, the specific underwater operational tasks being performed and the diving mode to which the employee is assigned.

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Records of all diver or dive team training shall be maintained by the diving company and shall be available for inspection.

All dive team members shall be trained in cardiopulmonary resuscitation and standard first aid (American Red Cross Standard).

The Consultant will be responsible for determining whether any walls which are not noted above require an underwater inspection and shall bring this to the attention of the Authority's Liaison Engineer for further discussion.

- g. Provide two general photos where the first photo depicts a general view of the front face of the Retaining Wall and the second photo depicts the top of roadway or embankment supported by the wall. For Noise Barriers, elevation photos of the front and rear faces should be included. In addition, take extensive photographs of any deterioration or defects to substantiate the findings. If work has been done on a structure, photos representing the repairs should be included.
- h. The inspections shall encompass all primary structural elements, secondary elements, and appurtenances comprising the Retaining Walls and Noise Barriers, including but not limited to wall facing, foundations, anchors/connections, vertical supports, joints, railings, barriers, roadway surface above and/or along the walls, and drainage elements.

Deficiencies are noted with their locations and approximate measurements for the primary purpose of establishing degree of magnitude/importance.

- i. The Consultant shall adhere to the Authority's Category A Report Procedure, for the reporting of potential Category A deficiencies.
- j. Category A Deficiencies - The Consultant shall notify the Authority's Liaison Engineer and the Technical Manager whenever a new Category A deficiency is detected, via an email with photos. Upon confirmation of the new Category A deficiency, the Consultant shall create and submit the Category A notification through AWI. This includes new Category A deficiencies which are resolved during the inspection by the consultant. For previously reported Category A deficiencies to be monitored under this assignment, if the condition has worsened or if new defects of similar type have been found, the Consultant shall create a new Category A Report. However, if the condition has not worsened and no additional defects of that type have been found, the Consultant shall update the existing report description with the date of their inspection, firm name, and a note stating, "the condition remains unchanged." The Consultant shall attach supporting photos/sketches to the report. If the existing report has had work done to repair the defect the Technical Manager should be notified via email to close out the report with a representative photo of the completed repair attached. The procedure to issue or update Category A report is available on the Authority's website at <https://www.njta.com/AWI/bridge-inspection-program-notifications> under No. 2019-2.0 Category A Procedure Changes.
- k. Courtesy Structures –Structures owned by other agencies that along the New Jersey Turnpike (MP 118.65) and Garden State Parkway (MP 154.21S and MP 154.3S) are included in the inspections, for the safety and convenience of the Authority and its patrons. For those structures along the Turnpike and Parkway roadways which are owned by other agencies, a courtesy inspection limited in scope to front face of retaining wall/noise barrier, vertical support, roadway surface above and/or along the wall, drainage elements, guide rail protection, barrier on top, fence on top or other locations, and utility items is undertaken to locate potential Category A deficiencies. Follow the Category A Report Procedure stated in the above paragraph for reporting and filing of the condition. Preparation of inspection report will not be necessary.

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### Drones

The Authority will consider the use of unmanned aircraft systems (UAS, or Drones) to supplement the close visual inspection to reach inaccessible areas due to operational constraint, natural barrier or other physical obstructions. Hands-on inspection of suspect areas is still required if needed. The drone inspections, if authorized, shall not be piloted above active traffic.

If Consultant decides to use a drone to supplement the close visual inspection, the Consultant shall not include additional hours in their staffing estimate under the task to perform the inspection for managing or executing drone activities. All hours and expenses associated with drone activities for this assignment shall not be considered unanticipated services and not listed as a direct expense.

Prior to performing the drone flights, the Consultant shall attend a planning meeting with representatives from Authority's Engineering, ITS, Operations Department, and NJ State Police (NJSP). The Consultant shall prepare and submit an "Operation Overview" document for distribution. This document shall provide a summary of the locations, staging, and access requirements; the mobilization details; the flight plan and flight details; and a list of the on-site supervising personnel. A sample copy of such document will be provided at the kick-off meeting.

The drone inspection will be performed by employing a drone equipped with a high-resolution camera to record still images and video footage of the retaining walls and/or noise barriers. Those still images and video footage are then viewed onscreen by the Team Leader in the field to ensure all images were captured properly and to identify any defects, deficiencies, and/or anomalies which may require immediate attention. The quality of the obtained footage would permit the Team Leader to zoom into the images and view them as clearly as if they were positioned at each one in-person.

The Consultant shall make every effort to minimize the visually limited locations due to shadowing and/or camera angle experienced during the flight. Considerations shall be given to modifications to the flight paths, timing, and drone positioning to overcome those shortcomings.

The drone inspection procedures shall follow the strict guidelines set forth in Part 107 of the FAA rules. Pilots flying under the Part 107 small UAS rule (i.e. Drones weighting less than 55 lbs.) **must be currently certified** as a remote pilot with a small UAS rating.

The pilot in command shall ensure that persons at the site during the small UAS operation are informed about the operating conditions, emergency procedures, contingency procedures, roles and responsibilities, and potential hazards.

The drone should meet or exceed the following:

- Have a "vision system" that provides the ability to sense and avoid objects while airborne and operating at speeds of less than 31 mph.
- Have a GPS / GLONASS system installed and operating.
- The on-board camera should have sufficient resolution and/or optical zoom to capture images of the defects.

The Consultant shall be responsible for informing the Authority's Liaison Engineer of any retaining walls and / or noise barriers discovered during the course of this OPS which are not included within the current inventory. After discussion and approval, newly found retaining walls and / or noise barriers shall be inspected and added to the Authority's inventory. For estimating purposes for this proposal, Qualified Firms shall only estimate the cost of work for the culverts listed in this proposal. Payment for inspection of newly identified culverts will be paid under "Unanticipated Services" after prior written approval of associated effort.

### **Inspection Reports**

- A. Development of an Individual Inspection Report using Bentley Software "AssetWise Inspections" (AWI).

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The Consultant shall provide a list of users that will require access to AWI software to the Authority at the kick-off meeting. This includes all users that require email notifications regarding procedures and clarifications. All users are required to submit all questions and issues related to AWI via email to NJTBridgesHelp@njta.com. All latest directives and clarifications are available via <https://www.njta.com/doing-business/njta-bridge-inspect-program> under Bridge Inspection Program Notifications.

The Consultant will be responsible for becoming proficient with AWI, including updates. The Authority will provide training and assistance to all retaining wall and noise barrier inspection consultants as requested. The Consultant shall include the costs associated with a full day training session for key staff and any other effort associated with using AWI in their Fee Proposal.

- B. Recommend and, upon approval by the Authority's Liaison Engineer, arrange for or conduct work of a special nature, other than stated above, such as inspecting inaccessible areas by excavating, coring, sampling or testing which may require specialty services and supervision. Such work shall be deemed as Unanticipated Services.

- C. Retaining Wall and Noise Barrier Inspection Reports

The report shall have the following sections. All are generated in IT unless otherwise noted\*.

i. **Report Sections**

- Cover
- Table of Contents
- Contract History
- General Information / Inspection Information
- Conclusions and Recommendations
- Wall Facing / Panel and Vertical Support
- Construction / Expansion Joint and Foundation
- Anchorage and Connection
- Roadway
- Guide Rail / Barrier
- Miscellaneous
- Photographs
- Underwater Inspection Report/Sounding Survey\*
- Element Level Inspection Forms
- Category A Report, where applicable

Field notes are to be documented on Retaining Wall and Noise Barrier inspection forms. General information includes structure name and location, year built, construction type, contract number, and measurement. Documentation and photographs of defects regarding the inspected elements shall be included in the report. The element defects are shown in tabular format on the inspection form. All observed defects are to be checked under the appropriate type of Retaining Wall and Noise Barrier. Each defect shall be categorized as either N/A, if not a repairable defect, Category A (Emergency), or B (Contract), Category E (Monitor) for conditions which are not repairable at the time of inspection but are recommended for monitoring during future inspections shall be noted on the conclusions form. Defect quantities, location and photo references shall be documented on the inspection forms for major/repairable defects.

ii. **Report Section Descriptions**

A description of the information per report section is listed below:

Contract History – Type, Contract Number, Description of Work, Year. The Consultants will need to review card files, and existing available contract information to collect data for all contract work competed from construction to the most recent repair contract. This information will be entered into the Inventory Information form in AWI. Information will be obtained by the consultant through review of the contract information included in the prior individual reports and review of As-Built plans. Hours should be included in the fee proposal for this task to update for any contract work done since the last inspection.

General Information / Inspection Information – Team leader, inspectors, equipment, MPT, temperature, asset inventory information obtained from review of the plans or field measurement.

Conclusions – General Remarks, Scheduled/Ongoing or Completed Work, Category A and Category E.

General Remarks shall include a statement related to the general condition of the retaining wall or noise barrier based on inspection findings, condition changes compared with the last cycle inspection, when applicable, and the defects observed in wall/panel, vertical support, joints, anchor, foundation, anchor/connection, roadway surface above and/or along the walls, drainage elements, guide rail protection, barrier on top and base of wall, and fence on top of wall. The typical defects and overall condition statement criteria are provided in Manual for Retaining Wall and Noise Barrier Inspection. The Manual is available at: <https://www.njta.com/doing-business/njta-bridge-inspect-program>.

Scheduled/Ongoing or Completed Work shall include work done since last cycle inspection and/or work ongoing or scheduled in an upcoming contract.

Category A deficiencies noted during the inspection include Category A1, A2, A3, Guide Rail and Utility.

Category E conditions which require monitoring.

Wall Facing / Panel and Vertical Support – inventory information, field measurements and defects associated with the wall facing, panels and vertical supports.

Construction / Expansion Joint and Foundation – inventory information and defects associated with the construction / expansion joints and the foundation.

Anchorage and Connection – inventory information and defects associated with the anchorages and connections.

Roadway – deficiencies at the top of the wall (road carried) and along the base of the wall (lower road), as needed.

Guide Rail / Barrier – deficiencies at the top of the wall (road carried) and along the base of the wall (lower road), as needed for safety features (Guide rail and concrete barrier).

Miscellaneous – Fencing, Lighting Standards / Junction Boxes, Right of Way, Drainage, Utilities and Housekeeping.

Photographs – Photographs shall be uploaded onto the file page of AWI with captions in the following order:



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GENERAL: For Retaining Wall – Elevation (1), Roadway View/Slope behind wall (1). For Noise Barrier – Front and Rear Elevations.

CATEGORY A: Defect Photos associated with Category A Reports (A1, A2, A3, Guide Rail, Utility).

DEFECT: Deficiencies existing on the Front or Rear Face of Retaining Wall/Noise Barrier, Vertical Support, Foundation, Anchor/Connection, Roadway Surface Above and/or Along the Wall, Drainage Elements, Guide Rail Protection, Barrier on Top and Along the Wall, Fence on Top or other locations, as noted and Signs and Lighting Standards mounted to the walls.

WORK DONE: Ongoing or Work done photos shall be included within the defect photos.

EQUIPMENT AND MPT: Special equipment or MPT in use during the inspection.

Photographs are required for all Category A or B repairs recommended and Category E for defects considered non-repairable but are recommended for future monitoring. Typical/worst defect photos shall also be included in the report with reference to other similar locations in the description to depict the general condition of the structure.

Deficiency quantities (e.g. 20 SF of concrete is hollow sounding) and location shall be included in the caption. The photo date shall be recorded upon upload and reflect the actual date the photograph was taken. Although not all photos will be included in the Report, the Consultant shall take photos of every repairable defect and upload onto the AWI database. Photos not included in the Inspection Report will also be useful for scoping of Retaining Wall/Noise Barriers repair contracts.

Note that photo references are not linkable to fields. Photo number references should therefore be manually entered after the photographs are numbered.

Deficiencies noted in reports shall be cross referenced to photos taken which depict that deficiency.

When improvements are underway at a structure, the Consultant shall provide photos of the areas under construction.

All photographs shall have a minimum resolution of four (4) mega pixels. All report photographs shall be numbered with the first numeral being the cycle number of the report (ex. 2-1).

Underwater Inspection Report / Soundings Survey – For Structures along waterway where a Type 2 Underwater Inspection is performed during the inspection, a PDF of the report in its entirety will be uploaded and added as a report section. For all other cases Soundings Surveys will be provided as described above.

Element Level Inspection – The Authority will collect element level data for all of its noise barriers and retaining walls starting in 2023. Element level inspection shall be performed concurrently with the routine inspection for Noise Barrier and Retaining Wall within the scope of this assignment. The Consultant shall refer to the AASHTO Manual for Bridge Element Inspection and NJDOT Bridge Element Inspection Manual for element descriptions, quantity calculations, and condition state definitions.

The Consultant shall cross check inputs for condition states and quantities for a particular element with its corresponding input in the bridge inspection forms to ensure consistent inputs.

D. Draft and Final Inspection Reports

i. **Report Submission**

The Consultant shall submit a draft report for each retaining wall and noise barrier to the Technical Manager. An initial group of five (5) format reports will be pre-selected for review based on the Consultant's submitted inspection schedule and shall cover all different types of retaining wall and noise barrier. In addition to the format reports, 25% of the draft reports from each OPS will be reviewed by the Technical Manager. The comments from the reviewed draft reports shall be incorporated to all reports as applicable, including the remaining 75% not reviewed.

The Consultant shall bundle draft submissions into groups of approximately 20 to 25 reports follow the initial format report submission and review. The submission groups shall be included in the consultant's Master Inspection and Report Submission Schedule for the Authority's approval. Draft reports shall be submitted in electronic format (pdf) generated by the AWI software. The Technical Manager will establish a location through the Authority's Secure File Sharing site (Kiteworks) to upload the reports.

ii. **Deliverables for Final Reports**

Hard copies of reports are not required to be submitted. Retaining Wall and Noise Barrier inspection report files shall be provided as PDF files on CDs, DVD, flash drive or other acceptable media to the Authority at the end of the project as well as uploaded to AWI under the file type. Each of the Retaining Wall and Noise Barrier reports shall be named (GSP or TPK)\_(RetainingWall or NoiseBarrier) Inspection Report\_Structure Name.file extension. Examples include:

- "GSP\_NoiseBarrierInspectionReport\_MP94.84N.pdf", and
- "TPK\_RetainingWallInspectionReport\_MP53.07SO.pdf"

All reports shall be placed together in one folder or subfolder set up specifically for retaining wall and noise barrier inspection reports only. Working files for the Underwater Inspection Reports, CADD sketches, etc. shall also be included under a separate folder titled "Working Files" and uploaded to AWI under the **Files** file type.

In addition, an inventory map showing all the retaining walls and noise barriers shall be submitted together with the final reports.

E. Authority Deficiency Category Definitions

**The Consultant shall review and adhere to the Authority's Critical Finding Repair Procedures, for the reporting of potential Category A deficiencies.**

**To identify the severity of the deficiencies and prioritize the necessary repairs to help in planning for future Contract improvements, the deficiencies and conditions noted in the inspection reports shall be identified within one of the following Authority stipulated repair categories:**

**CATEGORY A "Priority Work"**

Deficiencies that require prioritized attention with prompt notification given to the Authority. For such findings, a Category A report is prepared and issued with one of the below subcategories based on urgency and criticality.

**A1 (Emergency)**

Critical findings in the Retaining Wall or Noise Barrier that, if not repaired immediately, could lead to partial or total collapse of the structure; or a defect found at the Retaining Wall or Noise Barrier determined as an immediate safety hazard to the travelling public.

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Included are defects such as those listed below:

- Slope Failure due to excessive erosion of backfill material
- Substantial tilting of the Retaining Wall or Noise Barrier
- Major deterioration or other conditions which affect the stability of the Retaining Wall or Noise Barrier
- Failure of foundation elements
- Significant horizontal or vertical movement of a Retaining Wall or Noise Barrier

### A2 (Priority)

Major defects noted which are recommended for necessary repair in the near future as they pose a potential safety concern to the travelling public or could lead to significant load restriction or partial collapse of the Retaining Wall or Noise Barrier.

Included are defects such as those listed below:

- Wide crack in a Retaining Wall or Noise Barrier
- Large delaminations or spalls on concrete or masonry wall facing (may include cleaning of rebar)
- Deterioration of primary structural elements in a Retaining Wall or Noise Barrier
- Leakage through expansion joint seals
- Erosion/scour holes around wall

### A3 (Non-Structural)

Issues noted which are recommended for repair before or within the next regularly scheduled contract as they pose a potential safety concern to the traveling public.

Included are defects such as those listed below:

- Damage/failure in the structure's security features
- Slope washout not affecting guide rail posts or pavement
- Flammable materials stored near the structures

### Guide Rail

Damage or significant corrosion noted to guide rail elements including attachments to bridges, rail and posts at approach roadway or substructure protection runs, and end terminals at Turnpike and Parkway structures, which require repair in the near future are reported by the issuance of a Guide Rail Type Category A Report.

### Utility

Damage or significant corrosion noted to Authority and outside agency utility supports, pipes/conduits and connections at Turnpike and Parkway structures, which require repair in the near future are reported by the issuance of a Utility Type Category A Report.

### **CATEGORY B "Contract Work"**

The following repairs involve repair work or alterations that are considered highly extensive or require special expertise, equipment, or methods, and are therefore regarded as Specialized Contract work:

- Repair/replacement of impact damaged panel(s) in retaining wall or noise barrier
- Displacement/settlement/tilting/ of facing exceeding tolerance or excessive bulging/bowing
- Significant quantities of spalling or excessive cracking
- Reinforcement or connection severe corrosion / failure
- Drainage System problems

**CATEGORY D “Maintenance Work”**

Deficiencies noted which can be repaired most expeditiously by the Authority’s Maintenance Staff.

This category encompasses routine maintenance, housekeeping, and repair work that includes:

- Roadway lighting facilities repair / replacement
- Concrete collision repairs (on top of wall and along base)
- All delineator / milepost / signing repairs
- Earth and stone slope repairs
- Right-of-way repair
- Housekeeping
- Sealing of gaps at base of parapets / roadway and abutment bridge seats,
- Crack sealing in roadways
- Investigation and cleaning of clogged drainage
- Vegetation removal

**CATEGORY E “Monitor”**

Noted deficiencies or conditions that are considered actively developing and may be recommended for contract work but require monitoring until the condition has been remedied. This monitoring would involve an increased inspection frequency and/or level of detail through routine or interim inspections.

This category covers conditions deemed structurally significant. Defects in this category include the following:

- Total settlement or differential settlement / tilting below tolerance
- Tolerable bulging or misalignments of retaining wall panels

**ADMINISTRATIVE**

1. Project Coordination – The Successful Qualified Firm shall coordinate its activities with Authority personnel throughout the course of this project. Upon commencement of services under the OPS, the Successful Qualified Firm shall establish a means of coordinating and reporting its activities with the Authority’s representative to ensure an expeditious exchange of information. The Authority shall be informed of all meetings with other agencies, government officials and/or groups so that Authority personnel can attend if necessary.

Throughout the duration of the project, the Successful Qualified Firm shall maintain a document control system recording the disposition of all documents associated with the project. The Successful Qualified Firm shall also prepare a detailed project schedule using Primavera software for activities to be completed. The schedule shall identify all submission dates, review times, major activities, durations, critical path items, interdependencies, etc., to complete the scope of services required for the project.

The Successful Qualified Firm shall work in harmony with any and all entities that have been and may be retained by the Authority for this project.

**The Successful Qualified Firm is responsible to the Authority for the work of its subconsultants. As such, it is expected that the Successful Qualified Firm shall perform Quality Reviews of its subconsultant’s work prior to providing copies/submittals to the Authority. If extensive errors/omissions are found during reviews, the work shall be rejected, and shall be revised and resubmitted at no additional cost to the Authority.**

2. Management Requirements – The Successful Qualified Firm’s Managing Principal and the Successful Qualified Firm’s Project Manager shall possess a valid New Jersey Professional Engineer’s license and shall not be removed from the OPS and replaced with another Project Manager without prior written approval from the Authority’s Chief Engineer or his representative.

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It is expected that the Project Manager will actively manage the project and will lead/participate in all project-related meetings. The Project Manager will serve as the primary point of contact for the team and be available for project-related matters.

3. Progress Reports – The Successful Qualified Firm will be responsible to prepare and submit monthly progress reports indicating percent of work completed by task, work completed in the last month, work to be performed, actions/decisions required by the Authority, and the status of the project's schedule and budget. Reports shall be submitted on a monthly basis and coincide with the invoice submitted for the same time period.

Progress reports shall contain monthly updates of the approved schedule. Progress reports shall also include an estimate of the Authority's financial spending plan for the project. This spending plan will be detailed for the OPS, construction contract(s), Utility Order(s), and any other costs to be paid by the Authority.

4. Submission Schedule – The Successful Qualified Firm shall submit a retaining wall / noise barrier inspection and report submission schedule which includes but may not be limited to the following fields: Inspection Date, Firm / Team Leader, Draft Report Submission, Final Report Submission, and Comments.
5. Invoicing Requirements – All invoices shall be consecutively numbered and shall contain the words, "Order for Professional Services No. A3935" or "Order for Professional Services No. A3936". Invoices will not be processed before the progress report for that month's activities have been submitted.

Invoices are **required** to be submitted (electronically to [EngineeringOPSInvoices@njta.com](mailto:EngineeringOPSInvoices@njta.com)) on a **monthly** basis. They shall be submitted to the Authority within 15 business days of the cutoff date. The Successful Qualified Firm will also be responsible for preparing and submitting, as part of this invoice, projected billings associated with the OPS, monthly projections for two years and quarterly billing projections for the duration of the OPS.

The Successful Qualified Firm shall submit time sheet summaries. Individual employees' time sheets are not required, unless specifically requested by the Authority. Direct expenses shall be reimbursed in accordance with the expenses identified in Attachment A, Subsection A2.

The Successful Qualified Firm shall immediately notify the Authority's representative in writing if the percentage of fee earned exceeds the percentage of services completed. The Successful Qualified Firm shall immediately implement the necessary adjustments and/or make recommendations on how to alleviate this condition. Failure to do so may result in the Successful Qualified Firm being required to absorb any costs beyond the authorized fee.

The Successful Qualified Firm shall be responsible to submit to the Authority for approval the wage rates of personnel that will be working on the project.

6. All correspondence, invoices and transmittals for the project shall be referenced by the Authority's Order for Professional Services Number.
7. The Successful Qualified Firm shall submit the names of the personnel in the inspection teams, along with their resumes and NHI training certificates, for approval by the Authority. The Successful Qualified Firm shall complete the QAF3 forms. The Authority's Liaison Engineer shall have the right to approve the number, qualifications, and performance of the Successful Qualified Firm's personnel and to have the Successful Qualified Firm remove any such personnel from the project who are not approved or licensed/certified as required, or who fail to perform satisfactorily. The Successful Qualified Firm shall not remove approved personnel assigned to the project without the written approval from the Authority. Certificates shall be in PDF format with the following naming convention: "Firm Last First # year" ("ABC Smith Jane 130092 2012.pdf"). For acceptable non-NHI courses such as the PennDOT thirteen (13) day bridge inspection course, use "Firm Last First #Equiv year" ("Bridge Associates Johnson Edward 130055Equiv 1999.pdf"). All files shall be submitted in one general folder or directory, not broken up into folders/subfolders. Certificates and completed QAF forms shall be submitted at the kickoff meeting.
8. The Authority's Liaison Engineer and the Technical Manager will arrange coordination meetings with the Successful Qualified Firm to establish consistent inspection procedures, coding guidelines, repair recommendations and report format. Additionally, the Authority is actively obtaining as-built information related to

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MSE walls that will be uploaded to AssetWise as it becomes available. The Consultant shall include four (4) half day coordination meetings at the Authority's Administration Building in the estimate of work hours in the EOI and Fee Proposal for information transfer, review, coordination and data transfer/reconciliation.

### **BACKGROUND MATERIALS:**

The contract documents are available for review electronically through the Authority's Secure File Sharing Site. Access to the secure workspace will be provided to all prequalified and eligible Qualified Firms via e-mail as part of the RFEOI notification process. If there are any questions or issues related to the Secure File Sharing Site, please contact King F. Lee., P.E. via e-mail at klee@njta.com. The subject line should read, "OPS Nos. A3935-A3936 Secure File Sharing Site Information". The following reference materials are available for review:

- 1) Retaining Wall and Noise Barrier Inspection Reports – North
- 2) Retaining Wall and Noise Barrier Inspection Reports – South
- 3) Retaining Wall and Noise Barrier Inspection Reports - Sample
- 4) Retaining Wall and Noise Barrier Inspection Manual
- 5) NJTA Bridge Inspection Qualification Summary Form
- 6) Miscellaneous Forms (for reference only) – QAF1.3 Audit, QAF3 Qualification Form

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**OPS NO. A3935 LIST OF RETAINING WALL AND NOISE BARRIER – NORTH**

**Retaining Wall – New Jersey Turnpike:**

No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
1	MP 82.15R NW	Sullivan Way MP 82.15R NW	82.32	82.19	665	Reinforced Concrete	11/14/2017
2	MP 82.15R SE	Sullivan Way MP 82.15R SE	82.09	82.14	305	Reinforced Concrete	11/7/2017
3	MP 82.15R SW	Sullivan Way MP 82.15R SW	82.16	82.00	855	Reinforced Concrete	11/14/2017
4	MP 82.15R NE	Sullivan Way MP 82.15R NE	82.17	82.32	830	Reinforced Concrete	11/7/2017
5	MP 83.25 SE	Turnpike Int. 9 SIT MP 83.25 SE	83.25	83.27	115	Reinforced Concrete	12/18/2017
6	MP 83.25TE	Turnpike Int. 9 Ramp TE MP 83.25	83.25	83.21	274	Reinforced Concrete	11/21/2017
7	MP 83.30 SE	Turnpike Int. 9 TSI MP 83.30 SE	83.3	83.20	560	Reinforced Concrete	12/6/2017
8	MP 83.30 SW	Turnpike Int. 9 TSI MP 83.30 SW	83.3	83.22	390	Reinforced Concrete	12/6/2017
9	MP 83.36 NW	Turnpike Int. 9 TNI MP 83.36 NW	83.39	83.41	115	Reinforced Concrete	12/18/2017
10	MP 83.72 NW	Turnpike Int. 9 NIT MP 83.72 NW	83.76	83.74	130	Reinforced Concrete	12/18/2017
11	MP 83.72 NE	Turnpike Int. 9 NIT MP 83.72 NE	83.77	83.74	201	Reinforced Concrete	12/18/2017
12	MP 84.88NO	Turnpike SNO MP 84.88	84.88	84.89	63	Steel Sheeting	12/11/2017
13	MP 86.57SO	Turnpike NSO MP 86.57	86.57	86.37	993.33	Gabion	9/13/2018
14	MP 88.05AN NW	Turnpike Int. 10 Ramp SIT MP 88.05AN NW	87.96	88.00	364	Reinforced Concrete	2/20/2018
15	MP 88.05AN SW	Turnpike Int. 10 Ramp SIT MP 88.05AN SW	87.98	88.02	165	Reinforced Concrete	2/20/2018
16	MP 88.13AN SW	Turnpike Int. 10 Ramp TNI MP 88.13AN SW	88.14	88.23	510	Reinforced Concrete	2/20/2018
17	MP 88.13AN NW	Turnpike Int. 10 Ramp TNI MP 88.13AN NW	88.16	88.19	180	Reinforced Concrete	2/20/2018
18	MP 88.28AS NE	Turnpike Int. 10 Ramp TSI MP 88.28AS NE	88.27	88.23	260	Reinforced Concrete	1/26/2018
19	MP 88.28AS SE	Turnpike Int. 10 Ramp TSI MP 88.28AS SE	88.27	88.24	150	Reinforced Concrete	1/26/2018
20	MP 88.33AS NE	Turnpike Int. 10 Ramp NIT MP 88.33AS NE	88.41	88.35	170	Reinforced Concrete	3/16/2018
21	MP 88.33AS SE	Turnpike Int. 10 Ramp NIT MP 88.33AS SE	88.48	88.36	750	Reinforced Concrete	1/26/2018
22	MP 89.08NO	Turnpike SNO MP 89.08	89.08	89.09	56	Steel Sheeting	1/16/2018
23	MP 89.25NO	Turnpike SNO MP 89.25	89.25	89.30	262.5	Reinforced Concrete	1/16/2018
24	MP 90.21A SW	Parkway Ramp 129SBX (11 PNT) MP 90.21A SW	90.18	90.21	163	Reinforced Concrete	3/5/2018
25	MP 90.99D SW	Turnpike Int. 11 Ramp TPS MP 90.99D SW	90.99	91.09	550	Reinforced Concrete	6/27/2018

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No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
26	MP 91.89 SE	Turnpike SNO MP 91.89 SE	91.89	91.98	540	Reinforced Concrete	2/1/2018
27	MP 92.69ANR SW	Turnpike SA10N Ramp SISA MP 92.69ANR SW	92.54	92.62	300	Reinforced Concrete	3/5/2018
28	MP 92.69ANR SE	Turnpike SA10N Ramp SISA MP 92.69ANR SE	92.6	92.62	90	Reinforced Concrete	3/5/2018
29	MP 92.69ANR NE	Turnpike SA10N Ramp SISA MP 92.69ANR NE	92.7	92.77	466	MSE Panel	1/18/2018
30	MP 92.69ANR NW	Turnpike SA10N Ramp SISA MP 92.69ANR NW	92.72	92.74	105	Reinforced Concrete	4/9/2018
31	MP 93.11ANR NE	Turnpike SA10N Ramp SANI MP 93.11ANR NE	93.19	93.26	371	Reinforced Concrete	3/5/2018
32	MP 93.11ANR NW	Turnpike SA10N Ramp SANI MP 93.11ANR NW	93.19	93.25	325	Reinforced Concrete	3/5/2018
33	MP 93.14ASR SW	Turnpike SA10S Ramp NISA MP 93.14ASR SW	93.12	93.10	108	Reinforced Concrete	4/9/2018
34	MP 93.14ASR NE	Turnpike SA10S Ramp NISA MP 93.14ASR NE	93.26	93.23	179	Reinforced Concrete	8/14/2018
35	MP 93.14ASR NW	Turnpike SA10S Ramp NISA MP 93.14ASR NW	93.26	93.23	110.5	Reinforced Concrete	8/14/2018
36	MP 93.81SO NW	Turnpike NSO MP 93.81SO NW	93.9	93.81	525	Reinforced Concrete	3/6/2018
37	MP 95.80 SE	Roosevelt Avenue MP 95.80 SE	95.79	95.80	390.6	MSE Panel / Reinforced Concrete	9/26/2018
38	MP 95.80 NE	Roosevelt Avenue MP 95.80 NE	95.81	95.82	64.33	Reinforced Concrete	9/28/2018
39	MP 95.89ANR SW	Turnpike Int. 12 Ramp SIT MP 95.89ANR SW	95.73	95.81	440	Reinforced Concrete	4/9/2018
40	MP 95.89ANR NW	Turnpike Int. 12 Ramp SIT MP 95.89ANR NW	95.78	95.81	240	Reinforced Concrete	4/9/2018
41	MP 95.91	Turnpike Int. 12 Service Road MP 95.91	95.91	95.92	280.4	MSE Panel / Reinforced Concrete	9/6/2018
42	MP 95.92B NE	Turnpike Int. 12 Ramp SOT MP 95.92B NE	95.87	95.85	1126	MSE Panel / Reinforced Concrete	8/29/2018
43	MP 95.92B SE	Turnpike Int. 12 Ramp SOT MP 95.92B SE	95.74	95.83	505	Reinforced Concrete	3/16/2018
44	MP 95.92B SW	Turnpike Int. 12 Ramp SOT MP 95.92B SW	95.8	95.83	116	Reinforced Concrete	3/16/2018
45	MP 95.95A SE-1	Turnpike Int. 12 Ramps ET1/WT MP 95.95A SE-1	95.77	95.76	116	MSE Panel / Reinforced Concrete	8/7/2018
46	MP 95.95A SE-2	Turnpike Int. 12 Ramps ET1/WT MP 95.95A SE-2	95.8	95.83	228.5	MSE Panel / Reinforced Concrete	8/7/2018
47	MP 95.95A SW-1	Turnpike Int. 12 Ramps ET1/WT MP 95.95A SW-1	95.8	95.81	491	MSE Panel / Reinforced Concrete	8/7/2018
48	MP 95.95A SW-2	Turnpike Int. 12 Ramps ET1/WT MP 95.95A SW-2	95.8	98.81	293	MSE Panel / Reinforced Concrete	8/7/2018
49	MP 95.95A NW	Turnpike Int. 12 Ramps ET1/WT MP 95.95A NW	95.9	95.88	165	MSE Panel / Reinforced Concrete	8/7/2018



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No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
50	MP 95.95B NW	Turnpike Int. 12 Ramp WT MP 95.95B NW	95.96	95.91	486	MSE Panel / Reinforced Concrete	8/8/2018
51	MP 95.96ANI NW	Turnpike Int. 12 Ramp TNI MP 95.96ANI NW	95.95	96.01	324	Reinforced Concrete	4/5/2018
52	MP 95.96ANI NE	Turnpike Int. 12 Ramp TNI MP 95.96ANI NE	95.96	96.04	482	Reinforced Concrete	4/5/2018
53	MP 95.96ANO NE	Turnpike Int. 12 Ramp TNO MP 95.96ANO NE	95.98	96.14	840	Reinforced Concrete	4/5/2018
54	MP 95.96ANO NW	Turnpike Int. 12 Ramp TNO MP 95.96ANO NW	95.98	96.04	324	Reinforced Concrete	4/5/2018
55	MP 96.23NO	Turnpike SNO MP 96.23	96.23	96.3	340.3	Reinforced Concrete	9/13/2018
56	MP 96.23NO NE	Turnpike SNO MP 96.23NO NE	96.25	96.31	292	Reinforced Concrete	2/15/2018
57	MP 96.39 SE	Turnpike SNO MP 96.39 SE	96.33	96.40	410	Reinforced Concrete	2/15/2018
58	MP 96.55SO	Turnpike NSO MP 96.55	96.55	96.47	420	Reinforced Concrete	3/12/2018
59	MP 97.18A SE	Turnpike U-Turn SNO MP 97.18A SE	97.11	97.18	210	Reinforced Concrete	2/15/2018
60	MP 98.44SO	Turnpike NSO MP 98.44	98.44	98.35	480	Reinforced Concrete	3/12/2018
61	MP 98.59SO SW	Turnpike NSO MP 98.59SO SW	98.58	98.50	437.68	Reinforced Concrete	3/12/2018
62	MP 98.76SO SW	Turnpike NSO MP 98.76SO SW	98.67	98.59	385.7	Reinforced Concrete	5/1/2018
63	MP 98.76SO	Turnpike NSO MP 98.76SO	98.76	98.69	384.33	Crib Wall	5/1/2018
64	MP 99.10A NE	Turnpike Int. 13 Ramp ST MP 99.10A NE	99.27	99.21	360	Reinforced Concrete	4/5/2018
65	MP 99.13B SE	Turnpike Int. 13 Ramp TSO MP 99.13B SE	99.08	99.04	239	Reinforced Concrete	4/5/2018
66	MP 99.13B SW	Turnpike Int. 13 Ramp TSO MP 99.13B SW	99.08	98.85	1210	Reinforced Concrete	5/1/2018
67	MP 99.35A NE	Turnpike Int. 13 Ramp TN MP 99.35A NE	99.41	99.46	315.75	Reinforced Concrete	4/24/2018
68	MP 99.35A NW	Turnpike Int. 13 Ramp TN MP 99.35A NW	99.41	99.46	315.75	Reinforced Concrete	4/24/2018
69	MP 99.70ANO NW	Turnpike Int. 13 Ramp TNO MP 99.70ANO NW	99.804	99.817	76	Reinforced Concrete	5/8/2018
70	MP 99.70ANO NE	Turnpike Int. 13 Ramp TNO MP 99.70ANO NE	99.808	99.816	76	Reinforced Concrete	5/8/2018
71	MP 99.67 SE	Turnpike Int. 13 Ramp NT MP 99.67ASI SE	99.59	99.55	220	Reinforced Concrete	4/23/2018
72	MP 99.70 SE	Turnpike Int. 13 Ramp TN MP 99.70 SE	99.51	99.56	205.4	Reinforced Concrete	4/24/2018
73	MP 100.05SO	Turnpike NSO MP 100.05	100.05	100.01	199.5	Crib Wall	8/17/2018
74	MP 100.76SO SW	Turnpike NSO MP 100.76SO SW	100.76	100.69	379.16	Reinforced Concrete	8/16/2018
75	MP 101.03NO NE	Turnpike SNO MP 101.03NO NE	101.03	101.05	119.50	Reinforced Concrete	4/10/2018
76	MP 101.1NO	Turnpike SNO MP 101.1	101.1	101.12	136	Reinforced Concrete	4/10/2018
77	MP 101.19SO	Turnpike NSO MP 101.19	101.19	101.10	486	Crib Wall	4/23/2018

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78	MP 101.21SO SW	Turnpike NSO MP 101.21SO SW	101.18	101.10	417	Reinforced Concrete	3/12/2018
79	MP 101.21SO NW	Turnpike NSO MP 101.21SO NW	101.41	101.23	920	Reinforced Concrete	4/12/2018
80	MP 101.47ANR SE	Turnpike Int. 13A Ramp SIT MP 101.47ANR SE	101.38	101.40	122	Reinforced Concrete	4/12/2018
81	MP 101.53ASR SE	Turnpike Int. 13A Ramp TSI MP 101.53ASR SE	101.49	101.42	397	Reinforced Concrete	4/23/2018
82	MP 101.54A NE	Turnpike Int. 13A Ramp TN MP 101.54A NE	101.56	101.55	106	Reinforced Concrete	4/26/2018
83	MP 101.65A SE	Turnpike Int. 13A Ramp SIT MP 101.65A SE	101.57	101.6	180	Reinforced Concrete	4/17/2018
84	MP 101.68ASR NE	Turnpike Int. 13A Ramp NIT MP 101.68ASR NE	101.67	101.66	72.7	Reinforced Concrete	8/16/2018
85	MP 101.68ASR NW	Turnpike Int. 13A Ramp NIT MP 101.68ASR NW	101.78	101.70	450	Reinforced Concrete	4/26/2018
86	MP 102.1SO	Turnpike NSO MP 102.1	102.1	102.02	452	Steel Sheeting	4/12/2018
87	MP 104.0NO	Turnpike SNO MP 104.0	104	104.34	2720	Reinforced Concrete	4/11/2018
88	MP 104.35SOT	Turnpike Int. 14 Ramp SOT MP 104.35	104.35	105.04	3643.3	Reinforced Concrete	4/11/2018
89	MP 104.74A NE	Turnpike Int. 14 Ramp TNO MP 104.74A NE	104.74	104.78	335	Reinforced Concrete	4/13/2018
90	MP 104.88ST	Turnpike Int. 14 Ramp ST MP 104.88ST	104.85	104.88	186.10	Reinforced Concrete	8/16/2018
91	MP 104.90HLT	Turnpike Int. 14 Ramp HLT MP 104.90HLT	104.91	105.01	450	Reinforced Concrete	5/3/2018
92	MP 105.18 SE	Turnpike Int. 14 Ramp HN MP 105.18 SE	104.97	104.99	105	Reinforced Concrete	5/3/2018
93	MP 105.56TN SE	Turnpike Ramp TN-14 MP 105.56TN SE	105.38	105.55	860	MSE Panel / Reinforced Concrete	4/24/2018
94	MP 105.56TN NE	Turnpike Ramp TN-14 MP 105.56TN NE	105.6	105.79	1013	MSE Panel / Reinforced Concrete	4/24/2018
95	MP 105.56NT NW	Turnpike Ramp NT-14 MP 105.56NT NW	105.56	105.42	751.2	Reinforced Concrete	8/8/2018
96	MP 105.79NT NW	Turnpike Ramp NT-14 MP 105.79NT NW	105.79	105.58	1101.76	MSE Panel / Reinforced Concrete	8/9/2018
97	MP 105.79NT SW	Turnpike Ramp NT-14 MP 105.79NT SW	105.79	105.62	924.60	MSE Panel / Reinforced Concrete	8/9/2018
98	MP 105.79TN NE	Turnpike Ramp TN-14 MP 105.79TN NE	105.83	105.98	820	MSE Panel / Reinforced Concrete	4/23/2018
99	MP 117.67NI NE	Turnpike SN80 MP 117.67NI NE	117.69	117.77	411.6	Reinforced Concrete	5/11/2018
100	MP 117.67NO NW	Turnpike SN95 MP 117.67NO NW	117.71	117.75	251.6	Reinforced Concrete	5/11/2018
101	MP 118.87 NE	Turnpike Ramp NS80X MP 118.87 NE	118.87	118.82	283	Reinforced Concrete	6/12/2018
102	MP 118.93 SW	Turnpike SN 80 MP 118.93 SW	118.9	118.93	192	Reinforced Concrete	8/28/2018
103	MP 118.93 SE	Turnpike SN 80 MP 118.93 SE	118.93	118.90	176	Reinforced Concrete	8/28/2018

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104	MP 119.07 NE	Turnpike NS MP 119.07 NE	119.09	119.07	81.9	Reinforced Concrete	8/28/2018
105	MP 119.28 NE	Turnpike NS MP 119.28 NE	119.28	119.26	171	Reinforced Concrete	8/28/2018
106	MP 119.28 SW	Turnpike NS MP 119.28 SW	119.28	119.26	100	Reinforced Concrete	8/28/2018
107	MP 121.52ESL	Turnpike Int. 72 Ramp ESL MP 121.52	121.52	121.65	360	Reinforced Concrete	6/7/2018
108	MP 121.55 NE	Turnpike SN95L MP 121.55 NE	121.54	121.61	370	Reinforced Concrete	6/15/2018
109	MP 121.60 NE	Turnpike Int. 72 Ramp WNX MP 121.60 NE	121.6	121.66	300	Reinforced Concrete	6/13/2018
110	MP 121.60 NW	Turnpike Int. 72 Ramp WNX MP 121.60 NW	121.6	121.65	358.9	Reinforced Concrete	6/19/2018
111	MP 121.61ESL	Turnpike Int. 72 Ramp ESL MP 121.61	121.61	121.53	420	Crib Wall	6/7/2018
112	MP 121.64ESL	Turnpike Int. 72 Ramp ESL MP 121.64	121.64	121.58	330	Reinforced Concrete	7/9/2018
113	MP 121.66SN95L	Turnpike SN95L MP 121.66	121.66	121.74	409	Reinforced Concrete	6/7/2018
114	MP 121.68ESL	Turnpike Int. 72 Ramp ESL MP 121.68	121.68	121.82	379	Reinforced Concrete	6/19/2018
115	MP 121.82 SE	Turnpike Int. 72B Ramp ESL MP 121.82 SE	121.79	121.77	139	Reinforced Concrete	6/20/2018
116	MP 121.95WSL	Turnpike Int. 72 Ramp WSL MP 121.95	121.95	121.93	152	Reinforced Concrete	6/14/2018
117	MP 122.03 SE	Turnpike Int. 72 Ramp NLW MP 122.03 SE	121.74	121.61	191	Reinforced Concrete	6/14/2018
118	MP E106.15A SW	Turnpike Ramp SNO-W MP E106.15A SW	W106.08	W106.10	90	Reinforced Concrete	4/26/2018
119	MP E106.57SNE SE	Turnpike SNE MP E106.57SNE SE	E106.21	E106.57	1909	Steel Sheeting	4/13/2018
120	MP E106.62NE	Turnpike SNE MP E106.62	E106.62	E106.70	370	Crib Wall	6/5/2018
121	MP E106.64NE	Turnpike SNE MP E106.64	E106.64	E106.68	224	Steel Sheeting	6/5/2018
122	MP E106.89A NW	Turnpike Int. 15E Ramp TNW MP E106.89A NW	W106.94	W106.99	265	Reinforced Concrete	5/3/2018
123	MP E110.35SET	Turnpike Int. 15X Ramp SET MP E110.35	E110.35	E110.65	2266	MSE Panel / Reinforced Concrete	4/30/2018
124	MP E110.66TSE	Turnpike Int. 15X Ramp TSE MP E110.66	E110.66	E110.51	757	Reinforced Concrete	4/20/2018
125	MP E110.67A SW	Turnpike Int. 15X Ramp TNE MP E110.67A SW	E110.67	E110.84	835	MSE Panel / Reinforced Concrete	5/2/2018
126	MP E110.67A NE	Turnpike Int. 15X Ramp TNE MP E110.67A NE	E110.77	E110.80	92	MSE Panel / Reinforced Concrete	5/2/2018
127	MP E110.74SNE	Turnpike SNE MP E110.74	E110.74	E110.76	83.76	Reinforced Concrete	8/14/2018
128	MP E110.80A NW	Turnpike Int. 15X Ramp ISENT/ISXT MP E110.80A NW	E110.82	E110.62	1050	MSE Panel / Reinforced Concrete	5/7/2018
129	MP E110.80A SE	Turnpike Int. 15X Ramp ISENT/ISXT MP E110.80A SE	E110.79	E110.78	442	MSE Panel / Reinforced Concrete	5/4/2018

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130	MP E110.80A NE	Turnpike Int. 15X Ramp ISENT/ISXT MP E110.80A NE	110.82	110.82	495.5	MSE Panel / Reinforced Concrete	5/7/2018
131	MP E110.80A SW	Turnpike Int. 15X Ramp ISENT/ISXT MP E110.80A SW	E110.81	E110.81	841	MSE Panel / Reinforced Concrete	5/4/2018
132	MP E110.80B SW	Turnpike Int. 15X Ramp WT/TW MP E110.80B SW	E110.81	E110.81	1008	MSE Panel / Reinforced Concrete	7/13/2018
133	MP E110.80B SE	Turnpike Int. 15X Ramp WT/TW MP E110.80B SE	E110.81	E110.81	757	MSE Panel / Reinforced Concrete	5/14/2018
134	MP E110.80B NE	Turnpike Int. 15X Ramp WT/TW MP E110.80B NE	E110.83	E110.85	282	MSE Panel / Reinforced Concrete	5/14/2018
135	MP E110.80C NE	Turnpike Int. 15X Ramp WT/TW MP E110.80C NE	110.99	110.94	1507.5	MSE Panel / Reinforced Concrete	6/26/2018
136	MP E110.80C SE	Turnpike Int. 15X Ramp WT/TW MP E110.80C SE	E110.97	E110.88	1525	MSE Panel / Reinforced Concrete	7/13/2018
137	MP E110.80C NW	Turnpike Int. 15X Ramp WT/TW MP E110.80C NW	E111	E111.04	673.8	MSE Panel / Reinforced Concrete	6/26/2018
138	MP E110.80C SW	Turnpike Int. 15X Ramp WT/TW MP E110.80C SW	111.02	110.98	653.73	MSE Panel / Reinforced Concrete	7/13/2018
139	MP E110.83 SE	Turnpike Int. 15X Ramp NET MP E110.83 SE	E110.79	E110.76	142.3	Reinforced Concrete	6/26/2018
140	MP E110.85 NE	Turnpike NSE/SNE MP E110.85 NE	E110.89	E111.01	699	Steel Sheeting	5/2/2018
141	MP E110.85 SE	Turnpike NSE/SNE MP E110.85 SE	E111.00	E110.88	698	Steel Sheeting	4/20/2018
142	MP E111.92SE	Turnpike NSE MP E111.92	E111.92	E111.85	347.9	Steel Sheeting	8/10/2018
143	MP E111.93SE	Turnpike NSE MP E111.93	E111.93	E111.92	50	Steel Sheeting	8/10/2018
144	MP E112.19NE	Turnpike SNE MP E112.19	E112.19	E112.20	71	Crib Wall	4/20/2018
145	MP E112.31SE	Turnpike NSE MP E112.31	E112.31	E112.40	330	Reinforced Concrete	4/20/2018
146	MP E112.55XBL	Turnpike Int. 16E Ramp XBL MP 112.55	112.55	112.57	220	Reinforced Concrete	5/11/2018
147	MP E116.74AS SW	Turnpike Ramp NSW-95 MP E116.74AS SW	116.9	117	305.8	Reinforced Concrete	6/12/2018
148	MP N3.00 NE	Turnpike HEW MP N3.00 NE	N3.22	N3.00	1154	MSE Panel / Reinforced Concrete	4/18/2018
149	MP N3.39 NE	Turnpike HWE/HEW MP N3.39 NE	N3.39	N3.39	270	Reinforced Concrete	5/2/2018
150	MP N3.53D SW	Turnpike Int. 14A Ramp HTE MP N3.53D SW	N3.51	N3.53	330	Reinforced Concrete	4/18/2018
151	MP N6.49 SE	Turnpike HWE MP N6.49 SE	N6.06	N6.09	148	MSE Panel / Reinforced Concrete	5/2/2018
152	MP N7.90E NE	Turnpike HWE MP N7.90E NE	N8.22	N8.25	181	Reinforced Concrete	5/2/2018

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153	MP N7.93W NW	Turnpike HEW MP N7.93W NW	N8.25	N8.20	255	Reinforced Concrete	5/2/2018
154	MP W105.93NO SW	Turnpike Ramp SNO-W MP W105.93NO SW	W105.86	W105.92	317	Reinforced Concrete	5/22/2018
155	MP W105.93NO NW	Turnpike Ramp SNO-W MP W105.93NO NW	W105.95	W106.1	772	MSE Panel / Reinforced Concrete	5/22/2018
156	MP W106.26AR NW	Turnpike Ramp NET 14 MP W106.26AR NW	W106.36	W106.42	322	MSE Panel / Reinforced Concrete	4/19/2018
157	MP W106.39NSW-O	Turnpike NSW-O MP W106.39	W106.39	W106.24	784.48	MSE Panel / Reinforced Concrete	4/19/2018
158	MP W106.63NSW	Turnpike NSW MP W106.63	W106.63	W106.60	171	MSE Panel / Reinforced Concrete	4/19/2018
159	MP W106.67NSW	Turnpike NSW MP W106.67	W106.67	W106.61	330	Crib Wall	5/21/2018
160	MP W106.98A NE	Turnpike Int. 15E Ramp NET MP W106.98A NE	E107.09	E107.04	282	Reinforced Concrete	5/3/2018

### Retaining Wall – Garden State Parkway:

No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
1	MP 140.5 SW	Golf Drive MP 140.5 SW	140.55	140.53	120	Reinforced Concrete	11/2/2017
2	MP 140.5 NW	Golf Drive MP 140.5 NW	140.57	140.56	120	Reinforced Concrete	11/2/2017
3	MP 142.9 SE	Parkway Ramp 142NW-D MP 142.9 SE	142.88	142.99	620.5	Reinforced Concrete	11/17/2017
4	MP 142.9 NW	Parkway Ramp 142NW-D MP 142.9 NW	143.14	143.14	284	MSE Panel / Reinforced Concrete	11/29/2017
5	MP 142.9A SW	Parkway Ramp 142SE MP 142.9A SW	142.81	142.81	295	MSE Panel / Reinforced Concrete	11/3/2017
6	MP 142.9A NE	Parkway Ramp 142SE MP 142.9A NE	143.04	142.99	239.0	MSE Panel / Reinforced Concrete	11/9/2017
7	MP 142.9A NW	Parkway Ramp 142SE MP 142.9A NW	143.04	142.99	400	MSE Panel / Reinforced Concrete	11/17/2017
8	MP 142.96SW-C	Parkway Ramp 142SW-C MP 142.96	142.96	143.02	111	Reinforced Concrete	11/29/2017
9	MP 143.0A SW	Parkway Ramp 142B MP 143.0A SW	142.88	142.90	100	MSE Panel / Reinforced Concrete	11/10/2017
10	MP 143.0A NE	Parkway Ramp 142B MP 143.0A NE	142.96	143.02	318	MSE Panel / Reinforced Concrete	11/10/2017
11	MP 143.0A NW	Parkway Ramp 142B MP 143.0A NW	142.96	143.0	298	MSE Panel / Reinforced Concrete	11/9/2017
12	MP 143.18 SE	Parkway Ramp 142SW-C MP 143.1D SE	143.18	143.17	95	MSE Panel / Reinforced Concrete	11/29/2017

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13	MP 143.2B NW	Parkway Ramp 142SW-C MP 143.2B NW	143.24	143.22	108	MSE Panel / Reinforced Concrete	11/3/2017
14	MP 143.43	Union Pl. MP 143.43	143.43	143.39	250	Reinforced Concrete	11/10/2017
15	MP 143.55S	Parkway S MP 143.55	143.55	143.45	278	Reinforced Concrete	12/13/2017
16	MP 143.67S	Parkway S MP 143.67	143.67	143.6	134	Reinforced Concrete	11/9/2017
17	MP 143.69	Krotik Place MP 143.69	143.69	143.40	750	Reinforced Concrete	12/13/2017
18	MP 144.2 SW	Parkway Ramp 143BSBX MP 144.2 SW	144.1	144.04	306	Reinforced Concrete	11/17/2017
19	MP 144.5 SE	Ball Street MP 144.5 SE	144.5	144.62	540	Reinforced Concrete	11/21/2017
20	MP 144.7 NW	Clinton Avenue & Springfield Avenue (CR 603) MP 144.7 NW	144.75	144.69	345	Reinforced Concrete	11/7/2017
21	MP 144.7 NE	Clinton Avenue & Springfield Avenue (CR 603) MP 144.7 NE	144.8	144.82	112	Reinforced Concrete	11/7/2017
22	MP 144.87S	Parkway S MP 144.87	144.87	144.78	450	Reinforced Concrete	11/7/2017
23	MP 145.0 SW	Eastern Parkway MP 145.0 SW	144.85	145	750	Reinforced Concrete	11/7/2017
24	MP 145.0 SE	Eastern Parkway MP 145.0 SE	145	145.08	435	Reinforced Concrete	11/8/2017
25	MP 145.5 SE	18th Avenue MP 145.5 SE	145.42	145.503	442.5	Reinforced Concrete	11/8/2017
26	MP 145.5 SW	18th Avenue MP 145.5 SW	145.42	145.34	442.5	Reinforced Concrete	11/9/2017
27	MP 145.5 NE	18th Avenue MP 145.5 NE	145.52	145.6	442.42	Reinforced Concrete	11/8/2017
28	MP 145.5 NW	18th Avenue MP 145.5 NW	145.57	145.45	660	Reinforced Concrete	11/9/2017
29	MP 146.04S	Parkway S MP 146.04	146.04	146.02	115	Steel Sheeting	11/17/2017
30	MP 146.05N	Parkway N MP 146.05	146.05	146.06	72	Steel Sheeting	11/17/2017
31	MP 146.1 NE	Parkway N MP 146.1 NE	146.2	146.26	303	Reinforced Concrete	11/20/2017
32	MP 146.19S	Parkway S MP 146.19	146.19	146.11	411	Reinforced Concrete	11/20/2017
33	MP 146.7R SE	Central Avenue (CR 508) MP 146.7R SE	146.61	146.7	450.67	Reinforced Concrete	1 <sup>st</sup> Cycle
34	MP 146.7R SW	Central Avenue (CR 508) MP 146.7R SW	146.67	146.58	514.5	Reinforced Concrete	11/21/2017
35	MP 146.7R NE	Central Avenue (CR 508) MP 146.7R NE	146.8	146.89	442.42	Reinforced Concrete	11/21/2017
36	MP 146.7R NW	Central Avenue (CR 508) MP 146.7R NW	146.8	146.67	701	Reinforced Concrete	11/21/2017
37	MP 146.9 NW	Parkway S MP 146.9 NW	146.85	146.79	488	Reinforced Concrete	12/12/2017
38	MP 147.0 SW	Parkway Ramp 145SBX MP 147.0 SW	147.01	146.96	300	Reinforced Concrete	11/14/2017
39	MP 147.0B NW	S Oraton Parkway NB MP 147.0B NW	146.88	146.93	345.00	Reinforced Concrete	11/20/2017
40	MP 147.0B SE	S Oraton Parkway NB MP 147.0B SE	147	147	1084	Reinforced Concrete	11/20/2017

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41	MP 147.0D SW	S Oraton Parkway MP 147.0D SW	147.05	147.11	240	Reinforced Concrete	12/15/2017
42	MP 147.0D NW	S Oraton Parkway MP 147.0D NW	147.06	147.14	450	Reinforced Concrete	12/20/2017
43	MP 147.1 SW	Freeway Drive East MP 147.1 SW	147.05	146.97	473	Reinforced Concrete	11/14/2017
44	MP 147.1 NW	Freeway Drive East MP 147.1 NW	147.09	147.05	210	Reinforced Concrete	11/14/2017
45	MP 147.4 SW	North Oraton Parkway MP 147.4 SW	147.37	147.22	786.50	Reinforced Concrete	12/1/2017
46	MP 147.4 SE	North Oraton Parkway MP 147.4 SE	147.47	147.5	227	Reinforced Concrete	11/27/2017
47	MP 147.4 NE	North Oraton Parkway MP 147.4 NE	147.5	147.7	1308.5	Reinforced Concrete	11/27/2017
48	MP 147.7 SW	Parkway Drive MP 147.7 SW	147.64	147.4	1250.25	Reinforced Concrete	11/30/2017
49	MP 147.7 NW	Parkway Drive MP 147.7 NW	147.7	147.66	189	Reinforced Concrete	11/30/2017
50	MP 147.7 NE	Parkway Drive MP 147.7 NE	147.79	147.85	364	Reinforced Concrete	11/28/2017
51	MP 147.9 SE	Parkway Drive MP 147.9 SE	147.82	147.76	332.75	Reinforced Concrete	12/1/2017
52	MP 147.9 NW	Parkway Drive MP 147.9 NW	147.87	147.86	96	Reinforced Concrete	11/30/2017
53	MP 148.0 SW	Parkway Drive MP 148.0 SW	148.06	147.90	850.0'	Reinforced Concrete	11/28/2017
54	MP 148.1 NW	Parkway Drive MP 148.1 NW	148.14	148.07	387	Reinforced Concrete	11/28/2017
55	MP 148.65N	Parkway N MP 148.65	148.65	148.7	200	Reinforced Concrete	11/27/2017
56	MP 148.8N	JFK Drive N MP 148.8N	148.8	148.88	438	Crib Wall	1 <sup>st</sup> Cycle
57	MP 148.8 SW	Parkway N/S MP 148.8 SW	148.77	148.7	330	Reinforced Concrete	11/28/2017
58	MP 148.8 SE	Parkway N/S MP 148.8 SE	148.79	148.86	403	Reinforced Concrete	11/27/2017
59	MP 148.8 NE	Parkway N/S MP 148.8 NE	148.8	148.9	480	Reinforced Concrete	11/28/2017
60	MP 148.8 NW	Parkway N/S MP 148.8 NW	148.81	148.78	183	Reinforced Concrete	12/1/2017
61	MP 148.88S	Parkway S MP 148.88	148.88	148.8	425.5	Crib Wall	12/6/2017
62	MP 148.9 NE	Parkway N/S and Ramp 148NBX MP 148.9 NE	148.98	149	97	Reinforced Concrete	12/4/2017
63	MP 148.9 NW	Parkway N/S and Ramp 148NBX MP 148.9 NW	149.05	148.9	793	Reinforced Concrete	12/4/2017
64	MP 149.03NBX	Parkway Ramp 148NBX MP 149.03	149.03	149.2	906.5	Reinforced Concrete	12/6/2017
65	MP 149.1A SE	Parkway Ramp 148SBE MP 149.1A SE	149.12	149.06	300	Reinforced Concrete	12/6/2017
66	MP 149.2A NE	JFK Drive N MP 149.2A NE	149.04	149.19	808.5	Reinforced Concrete	12/4/2017
67	MP 149.2A SE	JFK Drive N MP 149.2A SE	149.15	149.2	284.2	Reinforced Concrete	1 <sup>st</sup> Cycle
68	MP 149.4S	Parkway S MP 149.4	149.4	149.38	82.5	Crib Wall	12/6/2017
69	MP 149.4 SE	<u>Parkway N/S MP 149.4 SE</u>	149.34	149.5	843.0	Reinforced Concrete	12/4/2017

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No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
70	MP 149.4 SW	<u>Parkway N/SMP 149.4 SW</u>	149.42	149.4	104.5	Reinforced Concrete	12/6/2017
71	MP 149.4 NW	<u>Parkway N/S MP 149.4 NW</u>	149.51	149.51	39.5	Reinforced Concrete	12/11/2017
72	MP 149.4 NE	<u>Parkway N/S MP 149.4 NE</u>	149.6	149.6	51.5	Reinforced Concrete	12/12/2017
73	MP 149.56S	Parkway S MP 149.56	149.56	149.53	160.5	Crib Wall	12/11/2017
74	MP 149.61N	Parkway N MP 149.61	149.61	149.69	395.5	Crib Wall	12/12/2017
75	MP 149.7 SW	Montgomery Street MP 149.7 SW	149.62	149.60	120	Reinforced Concrete	12/11/2017
76	MP 149.7 SE	Montgomery Street MP 149.7 SE	149.71	149.75	230	Reinforced Concrete	12/11/2017
77	MP 149.7 NW	Montgomery Street MP 149.7 NW	149.72	149.7	86.5	Reinforced Concrete	8/27/2018
78	MP 149.7 NE	Montgomery Street MP 149.7 NE	149.76	149.81	278.5	Reinforced Concrete	12/11/2017
79	MP 149.73SBE	Parkway Ramp 148SBE MP 149.73	149.73	149.71	94	Reinforced Concrete	12/12/2017
80	MP 149.9 SE	Hickory Street MP 149.9 SE	149.88	149.9	104.5	Reinforced Concrete	12/11/2017
81	MP 150.01N	Parkway N MP 150.01	150.01	150.06	210	Reinforced Concrete	12/20/2017
82	MP 150.2 NE	Parkway N MP 150.2 NE	150.16	150.2	198	Reinforced Concrete	12/20/2017
83	MP 150.53S	Parkway S MP 150.53	150.53	150.51	120	Reinforced Concrete	12/13/2017
84	MP 151.03	Summit Avenue MP 151.03	151.03	151.06	167.8	Crib Wall	8/27/2018
85	MP 152.8N	Parkway N MP 152.8	152.8	152.86	430	Reinforced Concrete	12/15/2017
86	MP 152.87N	Parkway N MP 152.87	152.87	152.92	330	Reinforced Concrete	12/15/2017
87	MP 155.66SBE	Parkway Ramp 154SBE MP 155.66	155.66	155.59	360	Reinforced Concrete	12/18/2017
88	MP 156.0MD7	Parkway MD7 Access Road 156.0	156	156.09	477.2	Crib Wall	9/11/2018
89	MP 156.08MD7	Parkway MD7 Access Road 156.1	156.08	156.20	724	Reinforced Concrete	9/11/2018
90	MP 157.94N	Parkway N MP 157.94N	157.94	158.00	316	Gabion	1 <sup>st</sup> Cycle
91	MP 158.1A NE	Parkway Ramp 156NBX B MP 158.1A NE	158.1	158.13	155.13	Reinforced Concrete	9/11/2018
92	MP 160.2B NW	Parkway Ramp 159NBX MP 160.2B NW	160.2	160.2	188	Reinforced Concrete	11/19/2018
93	MP 163.0S NW	Parkway S MP 163.0S NW	163.1	163.05	286	MSE Panel / Reinforced Concrete	11/14/2018
94	MP 163.1NR SE	Parkway N MP 163.1NR SE	163.13	163.15	74.5	MSE Panel / Reinforced Concrete	11/14/2018
95	MP 163.1NR NE	Parkway N MP 163.1NR NE	163.19	163.24	234	MSE Panel / Reinforced Concrete	11/14/2018
96	MP 163.3SR NW	Parkway S MP 163.3SR NW	163.05	163.03	79.2	MSE Panel / Reinforced Concrete	11/14/2018



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**COURTESY Retaining Wall – Garden State Parkway:**

No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
1	MP 154.21S	Parkway S MP 154.21	154.21	154.17	263.5	MSE Panel / Reinforced Concrete	12/18/2017
2	MP 154.3S	Parkway S MP 154.3	154.3	154.21	591.5	MSE Panel / Reinforced Concrete	12/18/2017

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### Noise Barrier – New Jersey Turnpike:

No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
1	MP 82.16NO	Turnpike SNO MP 82.16	82.16	82.34	975	Post and Panel	11/8/2017
2	MP 82.17SO	Turnpike NSO MP 82.17	82.17	81.79	1950	Post and Panel	11/20/2017
3	MP 82.34NO	Turnpike SNO MP 82.34	82.34	82.78	2318	Post and Panel	11/08/2017
4	MP 82.42SO	Turnpike NSO MP 82.42	82.42	82.17	1286	Post and Panel	12/08/2017
5	MP 82.78SO	Turnpike NSO MP 82.78	82.78	82.40	1990	Post and Panel	11/14/2017
6	MP 82.98SO	Turnpike NSO MP 82.98	82.98	82.76	1150	Post and Panel	11/14/2017
7	MP 83.12TE	Turnpike Int. 9 Ramp TE MP 83.21	83.12	83.01	675	Post and Panel	12/4/2017
8	MP 83.16TE	Turnpike Int. 9 Ramp TE MP 83.16	83.16	83.13	135	Post and Panel	11/21/2017
9	MP 83.2TE	Turnpike Int. 9 Ramp TE MP 83.2	83.2	83.17	445	Post and Panel	11/21/2017
10	MP 83.27TE	Turnpike Int. 9 Ramp TE MP 83.27	83.27	83.23	265	Post and Panel	12/8/2017
11	MP 83.73NOT	Turnpike Int. 9 Ramp NOT MP 83.73	83.73	83.56	931	Post and Panel	12/19/2017
12	MP 84.09SO	Turnpike NSO MP 84.09	84.09	83.72	1960	Post and Panel	12/19/2017
13	MP 85.53SO	Turnpike NSO MP 85.53	85.53	85.23	1590	Post and Panel	2/9/2018
14	MP 85.77S SW	Turnpike NSO MP 85.77S SW	85.72	85.70	125.8	Post and Panel	1/9/2018
15	MP 85.77S NW	Turnpike NSO MP 85.77S NW	85.77	85.75	120	Post and Panel	1/9/2018
16	MP 85.93NO	Turnpike SNO MP 85.93	85.93	86.38	2335	Post and Panel	12/11/2017
17	MP 86.36NO	Turnpike SNO MP 86.36	86.36	86.59	1195	Post and Panel	12/13/2017
18	MP 86.55SO	Turnpike NSO MP 86.55	86.55	86.20	1805	Post and Panel	1/8/2018
19	MP 86.62NO	Turnpike SNO MP 86.62	86.62	86.94	1625	Post and Panel	12/13/2017
20	MP 87.27N SE	Turnpike SNO MP 87.27N SE	87.12	87.25	645	Post and Panel	12/13/2017
21	MP 87.27N NE	Turnpike SNO MP 87.27N NE	87.3	87.57	1487	Post and Panel	12/13/2017
22	MP 87.55NO	Turnpike SNO MP 87.55	87.55	87.64	510	Post and Panel	12/15/2017
23	MP 87.6SO	Turnpike NSO MP 87.6	87.6	87.27	1720	Post and Panel	2/9/2018
24	MP 87.87SO	Turnpike NSO MP 87.87	87.87	87.60	1470	Post and Panel	2/8/2018
25	MP 88.69S SW	Turnpike NSO MP 88.69S SW	88.66	88.61	255	Post and Panel	01/09/2018
26	MP 88.89N SE	Turnpike SNO MP 88.89N SE	88.78	88.87	520	Post and Panel	1/16/2018
27	MP 88.89N NE	Turnpike SNO MP 88.89N NE	88.92	88.99	375	Post and Panel	01/16/2018

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No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
28	MP 88.89S SW	Turnpike NSO MP 88.89S SW	88.87	88.70	884.4	Post and Panel	1/9/2018
29	MP 88.89S NW	Turnpike NSO MP 88.89S NW	89	88.90	570	Post and Panel	1/9/2018
30	MP 88.98NO	Turnpike SNO MP 88.98	88.98	89.16	1005	Post and Panel	1/16/2018
31	MP 89.12SO	Turnpike NSO MP 89.12	89.12	89.00	690	Post and Panel	1/9/2018
32	MP 89.3NO	Turnpike SNO MP 89.3	89.3	89.70	2055	Post and Panel	1/16/2018
33	MP 89.33SO	Turnpike NSO MP 89.33	89.33	89.16	1105	Post and Panel	1/8/2018
34	MP 89.44SO	Turnpike NSO MP 89.44	89.44	89.32	648	Post and Panel	1/8/2018
35	MP 89.71NO	Turnpike SNO MP 89.71	89.71	90.04	1750	Post and Panel	1/18/2018
36	MP 89.71SO	Turnpike NSO MP 89.71	89.71	89.42	1524	Post and Panel	2/8/2018
37	MP 90.04NO	Turnpike SNO MP 90.04	90.04	90.18	767	Post and Panel	02/05/2018
38	MP 90.1SO	Turnpike NSO MP 90.1	90.1	89.73	1925	Post and Panel	1/31/2018
39	MP 90.48SO	Turnpike NSO MP 90.48	90.48	90.29	900	Post and Panel	1/31/2018
40	MP 90.99TK	Turnpike Int. 11 Ramp TK MP 90.99	90.99	91.14	800	Post and Panel	06/27/2018
41	MP 91.3NO	Turnpike SNO MP 91.3	91.3	91.57	1575	Post and Panel	1/24/2018
42	MP 91.57NO	Turnpike SNO MP 91.57	91.57	91.81	1485	Post and Panel	1/24/2018
43	MP 91.63SO	Turnpike NSO MP 91.63	91.63	91.42	1160	Post and Panel	1/26/2018
44	MP 91.81NO	Turnpike SNO MP 91.81	91.81	91.88	300	Post and Panel	2/1/2018
45	MP 91.83SO	Turnpike NSO MP 91.83	91.83	91.63	1035	Post and Panel	1/26/2018
46	MP 91.88NO	Turnpike SNO MP 91.88	91.88	92.06	1030	Post and Panel	2/1/2018
47	MP 91.89SO	Turnpike NSO MP 91.89	91.89	91.81	390	Post and Panel	1/26/2018
48	MP 92.06SO	Turnpike NSO MP 92.06	92.06	91.90	870	Post and Panel	1/26/2018
49	MP 92.39SO	Turnpike NSO MP 92.39	92.39	92.12	1245	Post and Panel	2/5/2018
50	MP 92.48SO	Turnpike NSO MP 92.48	92.48	92.35	585	Post and Panel	1/19/2018
51	MP 92.65NISA	Turnpike SA10N Ramp NISA MP 92.65	92.65	92.89	1470	Post and Panel	1/18/2018
52	MP 92.9SANO	Turnpike SA10N Ramp SANO MP 92.9	92.9	93.31	2430	Post and Panel	2/6/2018
53	MP 93.3SO	Turnpike NSO MP 93.3	93.3	93.27	165	Post and Panel	1/19/2018
54	MP 93.42SO	Turnpike NSO MP 93.42	93.42	93.30	684	Post and Panel	1/19/2018
55	MP 93.51NO	Turnpike SNO MP 93.51	93.51	93.70	990	Post and Panel	2/1/2018

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No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
56	MP 93.63SO	Turnpike NSO MP 93.63	93.63	93.42	1140	Post and Panel	1/19/2018
57	MP 93.7NO	Turnpike SNO MP 93.7	93.7	93.83	675	Post and Panel	2/1/2018
58	MP 93.81NO NE	Turnpike SNO MP 93.81NO NE	93.83	93.90	420	Post and Panel	02/02/2018
59	MP 94.4NO	Turnpike SNO MP 94.4	94.4	94.71	1605	Post and Panel	2/12/2018
60	MP 94.7NO	Turnpike SNO MP 94.7	94.7	94.90	1004	Post and Panel	2/12/2018
61	MP 94.88NO	Turnpike SNO MP 94.88	94.88	95.08	1004	Post and Panel	2/12/2018
62	MP 95.07NO	Turnpike SNO MP 95.07	95.07	95.25	1034	Post and Panel	2/13/2018
63	MP 95.24NO	Turnpike SNO MP 95.24	95.24	95.71	2435	Post and Panel	3/6/2018
64	MP 95.88SO	Turnpike NSO MP 95.88	95.88	95.78	585	Post and Panel	3/1/2018
65	MP 96.04SO	Turnpike NSO MP 96.04	96.04	95.89	915	Post and Panel	3/1/2018
66	MP 96.1SO	Turnpike NSO MP 96.1	96.1	96.03	475	Post and Panel	3/1/2018
67	MP 96.15SO	Turnpike NSO MP 96.15	96.15	96.09	345	Post and Panel	3/1/2018
68	MP 99.87NO	Turnpike SNO MP 99.87	99.87	99.92	315	Post and Panel	3/14/2018
69	MP 99.92NO	Turnpike SNO MP 99.92	99.92	100.00	345	Post and Panel	3/14/2018
70	MP 99.96SO	Turnpike NSO MP 99.96	99.96	99.82	825	Post and Panel	3/19/2018
71	MP 100.05NO SE	Turnpike SNO MP 100.05NO SE	100	100.01	60	Reinforced Concrete	3/15/2018
72	MP 100.05NO NE	Turnpike SNO MP 100.05NO NE	100.06	100.12	332.3	Reinforced Concrete	3/14/2018
73	MP 100.05SO SW	Turnpike NSO MP 100.05SO SW	100	99.96	200	Post and Panel	3/19/2018
74	MP 100.15SO SW	Turnpike NSO MP 100.15SO SW	100.11	100.05	370	Reinforced Concrete	3/19/2018
75	MP 100.15NO NE	Turnpike SNO MP 100.15NO NE	100.16	100.27	585	Reinforced Concrete	3/14/2018
76	MP 100.29SO SW	Turnpike NSO MP 100.29SO SW	100.25	100.15	540	Reinforced Concrete	3/19/2018
77	MP 100.29SO NW	Turnpike NSO MP 100.29SO NW	100.31	100.29	90	Reinforced Concrete	3/19/2018
78	MP 100.29NO NW	Turnpike SNO MP 100.29NO NW	100.31	101.32	104	Reinforced Concrete	03/14/2018
79	MP 100.40SO SW	Turnpike NSO MP 100.40SO SW	100.36	100.35	90	Reinforced Concrete	3/19/2018
80	MP 100.40SO NW	Turnpike NSO MP 100.40SO NW	100.41	100.40	60	Reinforced Concrete	3/19/2018
81	MP 100.40NO SE	Turnpike SNO MP 100.40NO SE	100.37	100.38	144	Reinforced Concrete	3/14/2018
82	MP 100.40NO NE	Turnpike SNO MP 100.40NO NE	100.4	100.42	104	Reinforced Concrete	3/14/2018
83	MP 100.45NO NE	Turnpike SNO MP 100.45NO NE	100.46	100.47	90	Reinforced Concrete	3/14/2018

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No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
84	MP 100.45SO NW	Turnpike NSO MP 100.45SO NW	100.47	100.46	63	Reinforced Concrete	3/19/2018
85	MP 100.50SO SW	Turnpike NSO MP 100.50SO SW	100.5	100.49	67	Reinforced Concrete	3/19/2018
86	MP 100.50SO NW	Turnpike NSO MP 100.50SO NW	100.56	100.55	69	Reinforced Concrete	3/19/2018
87	MP 100.50NO SE	Turnpike SNO MP 100.50NO SE	100.51	100.52	72	Reinforced Concrete	3/14/2018
88	MP 100.60NO SE	Turnpike SNO MP 100.60NO SE	100.56	100.57	76	Reinforced Concrete	3/15/2018
89	MP 100.60NO NE	Turnpike SNO MP 100.60NO NE	100.61	100.62	108	Reinforced Concrete	3/15/2018
90	MP 100.65SO SW	Turnpike NSO MP 100.65SO SW	100.61	100.59	100	Reinforced Concrete	3/19/2018
91	MP 100.65NO NE	Turnpike SNO MP 100.65NO NE	100.66	100.73	362	Reinforced Concrete	3/15/2018
92	MP 100.76NO NE	Turnpike SNO MP 100.76NO NE	100.76	100.78	83.5	Reinforced Concrete	03/15/2018
93	MP 100.86NO SE	Turnpike SNO MP 100.86NO SE	100.82	100.83	77.5	Reinforced Concrete	3/15/2018
94	MP 100.86NO NE	Turnpike SNO MP 100.86NO NE	100.87	100.88	71	Reinforced Concrete	03/15/2018
95	MP 100.91NO NE	Turnpike SNO MP 100.91NO NE	100.92	100.93	102.0	Reinforced Concrete	03/15/2018
96	MP 101.13NO	Turnpike SNO MP 101.13	101.13	101.17	261	Post and Panel	3/15/2018
97	MP 101.21NO NE	Turnpike SNO MP 101.21NO NE	101.22	101.37	829.7	Post and Panel	3/15/2018
98	MP 120.60 NE	Turnpike SN95L MP 120.60 NE	120.6	120.78	884	Post and Panel	5/15/2018
99	MP 120.83NS95L	Turnpike NS95L MP 120.83	120.83	120.61	1201	Post and Panel	5/14/2018
100	MP 120.9 SE	Turnpike S95L/NS95X/SN95X/SN95L MP 120.9 SE	120.77	120.88	614.3	Post and Panel	5/15/2018
101	MP 120.9 SW	Turnpike S95L/NS95X/SN95X/SN95L MP 120.9 SW	120.88	120.80	409.4	Post and Panel	5/14/2018
102	MP 120.9 NE	Turnpike S95L/NS95X/SN95X/SN95L MP 120.9 NE	120.92	121.02	720	Post and Panel	5/10/2018
103	MP 121.01SN95L	Turnpike SN95L MP 121.01	121.01	121.24	1238	Post and Panel	5/10/2018
104	MP 121.25 NW	Turnpike NS95L MP 121.25 NW	121.2	120.90	1626	Post and Panel	05/14/2018
105	MP E111.98SE	Turnpike NSE MP E111.98	E111.98	E111.75	1310	Post and Panel	5/7/2018
106	MP N2.91HWE	Turnpike HWE MP N2.91	N2.91	N2.96	315	Post and Panel	5/4/2018
107	MP N3.00 SE	Turnpike HWE MP N3.00 SE	N3.00	N2.79	1129.86	Post and Panel	5/4/2018
108	MP N3.24 SE	Turnpike HWE MP N3.24 SE	N3.24	N3.36	622.4	Post and Panel	5/14/2018

**COURTESY Noise Barrier – New Jersey Turnpike:**

No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
1	MP 118.60NS80	Turnpike NS80	118.60	117.91	3900	Post and Panel	1 <sup>st</sup> Cycle

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**Noise Barrier – Garden State Parkway:**

No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
1	MP 141.15S	Parkway S MP 141.15	141.15	141.09	313	Post and Panel	11/2/2017
2	MP 143.15SW-C	Parkway Ramp 142SW-C MP 143.15	143.15	142.88	2700	Post and Panel	11/03/2017
3	MP 143.2B NE	Parkway S MP 143.2B NE	143.3	143.16	749	Post and Panel	11/03/2017
4	MP 160.50S	Parkway S MP 160.50	160.52	160.22	1585.5	Post and Panel	11/14/2018

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**Retaining Wall – New Jersey Turnpike:**

No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
1	MP 49.73 SE	Turnpike SNO MP 49.73 SE	49.62	49.72	465	MSE Panel Single Stage	11/8/2017
2	MP 49.73 NE	Turnpike SNO MP 49.73 NE	49.74	49.78	308	MSE Panel Single Stage	11/8/2017
3	MP 50.43NO SE	Turnpike SNO MP 50.43NO SE	50.21	50.40	998	MSE Panel Single Stage	11/8/2017
4	MP 50.43NO NE	Turnpike SNO MP 50.43NO NE	50.45	50.69	1175	MSE Panel Single Stage	11/8/2017
5	MP 50.43SO NW	Turnpike NSO MP 50.43SO NW	50.72	50.44	1305	MSE Panel Single Stage	11/1/2017
6	MP 50.43SO SW	Turnpike NSO MP 50.43SO SW	50.41	50.15	1417	MSE Panel Single Stage	11/1/2017
7	MP 50.88 SW	Turnpike Int. 6 Ramp SIT MP 50.88 SW	50.69	50.80	732	MSE Panel Single Stage	11/8/2017
8	MP 50.88 SE	Turnpike Int. 6 Ramp SIT MP 50.88 SE	50.7	50.80	682	MSE Panel Single Stage	12/6/2017
9	MP 50.91 SW	Turnpike Int. 6 Ramp SOT MP 50.91 SW	50.68	50.79	581	MSE Panel Single Stage	11/8/2017
10	MP 51.11 NE	Turnpike Int. 6 Ramp TNO MP 51.11 NE	51.22	51.35	596	MSE Panel Single Stage	11/8/2017
11	MP 51.16 NW	Turnpike Int. 6 Ramp NIT MP 51.16 NW	51.32	51.22	585	MSE Panel Single Stage	12/11/2017
12	MP 51.16 NE	Turnpike Int. 6 Ramp NIT MP 51.16 NE	51.43	51.22	940	MSE Panel Single Stage	12/11/2017
13	MP 51.17 NE	Turnpike Int. 6 Ramp TNI MP 51.17 NE	51.29	51.40	600	MSE Panel Single Stage	12/6/2017
14	MP 51.17 NW	Turnpike Int. 6 Ramp TNI MP 51.17 NW	51.29	51.40	605	MSE Panel Single Stage	12/6/2017
15	MP 51.32NOT	Turnpike Int. 6 Ramp NOT MP 51.32	51.32	51.13	1023	MSE Panel Single Stage	12/12/2017
16	MP 51.4NOT	Turnpike Int. 6 Ramp NOT MP 51.4	51.4	51.18	1162	MSE Panel Single Stage	11/2/2017
17	MP 51.42R NW	Mansfield Rd W MP 51.42R NW	51.42	51.42	85	MSE Panel Single Stage	5/8/2018
18	MP 51.67NO	Turnpike SNO MP 51.67	51.67	51.90	1150	MSE Panel Single Stage	11/8/2017
19	MP 51.9SO	Turnpike NSO MP 51.9	51.9	51.72	960	MSE Panel Single Stage	11/1/2017
20	MP 52.09NO	Turnpike SNO MP 52.09	52.09	52.55	911	MSE Panel Single Stage	11/9/2017
21	MP 52.1NO	Turnpike SNO MP 52.1	52.1	52.16	324	Gabion	11/8/2017
22	MP 53.01NO SE	Turnpike SNO MP 53.01NO SE	52.72	52.95	1191	MSE Panel Single Stage	11/8/2017
23	MP 53.01NO NE	Turnpike SNO MP 53.01NO NE	53	53.09	406	MSE Panel Single Stage	11/8/2017
24	MP 53.01SO SW	Turnpike NSO MP 53.01SO SW	53.01	52.67	1992	MSE Panel Single Stage	11/1/2017
25	MP 53.01SO NW	Turnpike NSO MP 53.01SO NW	53.07	53.06	50	MSE Panel Single Stage	11/2/2017
26	MP 53.41NO SW	Turnpike SNO and Int. 7 Ramp SOT MP 53.41NO SW	53.34	53.38	277	MSE Panel Single Stage	11/28/2017

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No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
27	MP 53.41NO NE	Turnpike SNO and Int. 7 Ramp SOT MP 53.41NO NE	53.44	53.49	173	MSE Panel Single Stage	11/9/2017
28	MP 53.41NO NW	Turnpike SNO and Int. 7 Ramp SOT MP 53.41NO NW	53.45	53.51	355	MSE Panel Single Stage	11/28/2017
29	MP 53.41A SW	Turnpike Int. 7 Ramp TE MP 53.41A SW	53.41	53.35	491	Reinforced Concrete	5/8/2018
30	MP 53.46NO SE	Turnpike SNO and Int. 7 Ramp TNO MP 53.46NO SE	53.76	53.77	60	MSE Panel Single Stage	11/9/2017
31	MP 53.46NO NE	Turnpike SNO and Int. 7 Ramp TNO MP 53.46NO NE	53.78	53.83	253	MSE Panel Single Stage	11/9/2017
32	MP 53.46NO SW	Turnpike SNO and Int. 7 Ramp TNO MP 53.46NO SW	53.79	54.00	1110	MSE Panel Single Stage	11/28/2017
33	MP 53.65TSO	Turnpike Int. 7 Ramp TSO MP 53.65	53.65	53.38	1511	MSE Panel Single Stage	11/2/2017
34	MP 53.66TSO	Turnpike Int. 7 Ramp TSO MP 53.66	53.66	53.65	64	MSE Panel Single Stage	11/30/2017
35	MP 53.74TNO	Turnpike Int. 7 Ramp TNO MP 53.74	53.74	53.77	127	MSE Panel Single Stage	12/6/2017
36	MP 53.75ST	Turnpike Ramp ST MP 53.75	53.75	53.75	225	Post and Panel	5/8/2018
37	MP 53.80SO SE	Turnpike NSO MP 53.80SO SE	53.65	53.05	3190	MSE Panel Single Stage	11/30/2017
38	MP 53.85NOT	Turnpike Int. 7 Ramp NOT MP 53.85	53.85	53.85	210	Other / Combination	11/2/2017
39	MP 53.90NOT NW	Turnpike Int. 7 Ramp NOT MP 53.90NOT NW	53.98	53.95	102	MSE Panel Single Stage	11/2/2017
40	MP 53.93NIT	Turnpike Int. 7 Ramp NIT MP 53.93	53.93	53.91	127	Reinforced Concrete	11/29/2017
41	MP 54.00NO SE	Turnpike SNO MP 54.00NO SE	53.9	54.00	553	MSE Panel Single Stage	11/9/2017
42	MP 54.00NO NE	Turnpike SNO MP 54.00NO NE	54.02	54.08	245	MSE Panel Single Stage	11/9/2017
43	MP 54.00SO SE	Turnpike NSO MP 54.00SO SE	53.98	53.93	236	MSE Panel Single Stage	11/2/2017
44	MP 54.00SO NE	Turnpike NSO MP 54.00SO NE	54.1	54.00	455	Reinforced Concrete	11/29/2017
45	MP 54.49NO	Turnpike SNO MP 54.49	54.49	54.61	710	MSE Panel Single Stage	11/8/2017
46	MP 55.06SO	Turnpike NSO MP 55.06	55.06	54.85	1092	Other / Combination	11/1/2017
47	MP 55.38NO	Turnpike SNO MP 55.38	55.38	55.47	727	MSE Panel Single Stage	11/8/2017
48	MP 56.0SO	Turnpike NSO MP 56.0	56	55.77	1185	MSE Panel Single Stage	11/1/2017
49	MP 56.62NO	Turnpike SNO MP 56.62	56.62	56.82	850	Other / Combination	11/8/2017
50	MP 56.85U-Turn	Turnpike U-Turn NSO MP 56.85	56.85	56.80	329	MSE Panel Single Stage	11/2/2017
51	MP 56.92NO NW (SE)	Turnpike SNO MP 56.92NO NW (SE)	56.82	56.89	432	MSE Panel Single Stage	11/8/2017
52	MP 57.10R NE	South Broad Street MP 57.10R NE	57.1	57.10	540	MSE Panel Single Stage	5/9/2018
53	MP 57.10R NW	South Broad Street MP 57.10R NW	57.1	57.10	359	MSE Panel Single Stage	11/2/2017
54	MP 57.10R SE	South Broad Street MP 57.10R SE	57.1	57.10	322	MSE Panel Single Stage	5/9/2018



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55	MP 57.10R SW	South Broad Street MP 57.10R SW	57.1	57.10	371	MSE Panel Single Stage	11/2/2017
56	MP 57.35NO	Turnpike SNO MP 57.35	57.35	57.41	389	Reinforced Concrete	11/9/2017
57	MP 57.46 SE	Turnpike SNO MP 57.46 SE	57.41	57.54	461	MSE Panel Single Stage	11/9/2017
58	MP 57.46SO NE	Turnpike NSO MP 57.46SO NE	57.43	57.35	420	MSE Panel Single Stage	11/1/2017
59	MP 57.46SO SW	Turnpike NSO MP 57.46SO SW	57.5	57.46	200	MSE Panel Single Stage	11/1/2017
60	MP 57.55NO SE	Turnpike SNO MP 57.55NO SE	57.46	57.55	85	MSE Panel Single Stage	1 <sup>st</sup> Cycle
61	MP 57.78 SE	Turnpike SA6S Ramp SASI MP 57.78 SE	57.74	57.67	561	MSE Panel Single Stage	11/30/2017
62	MP 57.78 SW	Turnpike SA6S Ramp SASI MP 57.78 SW	57.74	57.71	163	MSE Panel Single Stage	11/30/2017
63	MP 57.78 NE	Turnpike SA6S Ramp SASI MP 57.78 NE	57.9	57.83	350	MSE Panel Single Stage	11/30/2017
64	MP 57.78 NW	Turnpike SA6S Ramp SASI MP 57.78 NW	57.95	57.81	730	MSE Panel Single Stage	11/30/2017
65	MP 57.95 SE	Turnpike SA6N Ramp SISA MP 57.95 SE	57.75	57.90	737	MSE Panel Single Stage	12/6/2018
66	MP 57.95 SW	Turnpike SA6N Ramp SISA MP 57.95 SW	57.75	57.94	663	MSE Panel Single Stage	12/6/2017
67	MP 57.95 NE	Turnpike SA6N Ramp SISA MP 57.95 NE	57.99	58.16	732	MSE Panel Single Stage	12/7/2018
68	MP 57.95 NW	Turnpike SA6N Ramp SISA MP 57.95 NW	57.99	58.16	741	MSE Panel Single Stage	12/7/2017
69	MP 58.0SASO	Turnpike SA6S Ramp SASO MP 58.0	58	57.90	530	MSE Panel Single Stage	11/2/2017
70	MP 58.10R SW	Yardville-Allentown Road MP 58.10R SW	58.05	58.05	477	MSE Panel Single Stage	11/28/2017
71	MP 58.10R SE	Yardville-Allentown Road MP 58.10R SE	58.1	58.10	258	MSE Panel Single Stage	11/9/2017
72	MP 58.98SANO	Turnpike SA6N Ramp SANO MP 58.98	58.98	59.16	826	MSE Panel Single Stage	11/9/2017
73	MP 59.0SANO	Turnpike SA6N Ramp SANO MP 59.0	59	59.19	935	MSE Panel Single Stage	11/7/2017
74	MP 59.05 SW	Turnpike SA6N Ramp SANI MP 59.05 SW	58.9	59.00	626	MSE Panel Single Stage	11/7/2017
75	MP 59.05 NE	Turnpike SA6N Ramp SANI MP 59.05 NE	59.11	59.23	518	MSE Panel Single Stage	12/6/2018
76	MP 59.05 NW	Turnpike SA6N Ramp SANI MP 59.05 NW	59.11	59.23	580	MSE Panel Single Stage	12/6/2017
77	MP 59.08 SE	Turnpike SA6S Ramp NISA MP 59.08 SE	59.05	59.15	547	MSE Panel Single Stage	12/13/2017
78	MP 59.08 NE	Turnpike SA6S Ramp NISA MP 59.08 NE	59.19	59.11	442	MSE Panel Single Stage	12/11/2017
79	MP 59.08 NW	Turnpike SA6S Ramp NISA MP 59.08 NW	59.19	59.11	424	MSE Panel Single Stage	12/11/2017
80	MP 59.12NOSA	Turnpike SA6S Ramp NOSA MP 59.12	59.12	59.05	630	MSE Panel Single Stage	11/2/2017
81	MP 59.7SO	Turnpike NSO MP 59.7	59.7	59.55	715	MSE Panel Single Stage	11/1/2017
82	MP 59.93SO	Turnpike NSO MP 59.93	59.93	59.70	1099	MSE Panel Single Stage	11/1/2017

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83	MP 60.45TSO	Turnpike Int. 7A Ramp TSO MP 60.45	60.45	60.29	825	MSE Panel Single Stage	11/30/2017
84	MP 60.51E SE	Turnpike Int. 7A Ramp TSI MP 60.51E SE	60.35	60.27	462	MSE Panel Single Stage	11/29/2017
85	MP 60.51E SW	Turnpike Int. 7A Ramp TSI MP 60.51E SW	60.35	60.43	461	MSE Panel Single Stage	12/11/2017
86	MP 60.51F SW	Turnpike Int. 7A Ramp SIT MP 60.51F SW	60.12	60.21	550	MSE Panel Single Stage	11/29/2017
87	MP 60.51F SE	Turnpike Int. 7A Ramp SIT MP 60.51F SE	60.17	60.21	300	MSE Panel Single Stage	11/29/2017
88	MP 60.51F NW	Turnpike Int. 7A Ramp SIT MP 60.51F NW	60.3	60.39	428	MSE Panel Single Stage	11/29/2017
89	MP 60.51I SW	Turnpike Int. 7A Ramp TNI MP 60.51I SW	60.99	61.02	216	MSE Panel Single Stage	12/6/2017
90	MP 60.51I NE	Turnpike Int. 7A Ramp TNI MP 60.51I NE	61.08	61.15	402	MSE Panel Single Stage	12/6/2017
91	MP 60.51I NW	Turnpike Int. 7A Ramp TNI MP 60.51I NW	61.08	61.19	578	MSE Panel	12/11/2017
92	MP 60.51J NE	Turnpike Int. 7A Ramp NIT MP 60.51J NE	61.29	61.16	489	MSE Panel Single Stage	11/29/2017
93	MP 60.51J NW	Turnpike Int. 7A Ramp NIT MP 60.51J NW	61.29	61.16	766	MSE Panel Single Stage	12/11/2017
94	MP 60.51J SE	Turnpike Int. 7A Ramp NIT MP 60.51J SE	61.05	60.96	472	MSE Panel Single Stage	11/30/2017
95	MP 61.17TNO	Turnpike Int. 7A Ramp TNO MP 61.17	61.17	61.18	80	Reinforced Concrete	5/9/2018
96	MP 63.32NO SE	Turnpike SNO MP 63.32NO SE	63.25	63.31	280	MSE Panel Single Stage	11/8/2017
97	MP 63.32NO NE	Turnpike SNO MP 63.32NO NE	63.32	63.40	235	MSE Panel Single Stage	11/8/2017
98	MP 63.32SO SW	Turnpike NSO MP 63.32SO SW	63.3	63.26	220	MSE Panel Single Stage	11/1/2017
99	MP 63.32SO NW	Turnpike NSO MP 63.32SO NW	63.44	63.33	455	MSE Panel Single Stage	11/1/2017
100	MP 63.48NO	Turnpike SNO MP 63.48	63.48	63.64	750	MSE Panel Single Stage	11/8/2017
101	MP 63.54SO	Turnpike NSO MP 63.54	63.54	63.44	475	MSE Panel Single Stage	11/1/2017
102	MP 64.77SO	Turnpike NSO MP 64.77	64.77	64.70	300	MSE Panel Single Stage	11/1/2017
103	MP 64.98 SE	Turnpike SNO MP 64.98 SE	64.85	64.98	684	Other / Combination	11/9/2017
104	MP 64.98 NE	Turnpike SNO MP 64.98 NE	64.98	65.10	555	MSE Panel Single Stage	11/9/2017
105	MP 66.23 SE	Turnpike NSO/NSI/SNI/SNO MP 66.23 NE	66.21	66.35	721	MSE Panel Single Stage	11/14/2017
106	MP 66.23 SW	Turnpike NSO/NSI/SNI/SNO MP 66.23 SW	66.22	66.18	248	MSE Panel Single Stage	11/28/2017
107	MP 66.23 NW	Turnpike NSO/NSI/SNI/SNO MP 66.23 NW	66.45	66.16	1263	MSE Panel Single Stage	11/28/2017
108	MP 66.7SO	Turnpike NSO MP 66.7	66.7	66.59	588	MSE Panel Single Stage	11/7/2017
109	MP 67.21TSO	Turnpike Int. 8 Ramp TSO MP 67.21	67.21	67.12	622	Other / Combination	11/7/2017
110	MP 67.27NO NE	Turnpike Int. 8 Ramp SOT MP 67.27NO NE	67.25	67.32	350	MSE Panel Single Stage	12/7/2017

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111	MP 67.27SO SW	Turnpike Int. 8 Ramp TSO MP 67.27SO SW	67.3	67.25	218	MSE Panel Single Stage	12/12/2017
112	MP 67.47 SW	Turnpike Int. 8 Ramp NT MP 67.47 SW	67.45	67.45	407	MSE Panel Single Stage	12/12/2018
113	MP 67.47A SE	Turnpike Int. 8 Ramp SIT MP 67.47A SE	67.28	67.39	598	MSE Panel Single Stage	12/6/2017
114	MP 67.47A SW	Turnpike Int. 8 Ramp SIT MP 67.47A SW	67.28	67.39	599	MSE Panel Single Stage	12/6/2017
115	MP 67.47B NE	Turnpike Int. 8 Ramp TNI MP 67.47B NE	67.62	67.72	558	MSE Panel Single Stage	12/6/2017
116	MP 67.47B NW	Turnpike Int. 8 Ramp TNI MP 67.47B NW	67.62	67.75	546	MSE Panel Single Stage	12/6/2017
117	MP 67.47C SE	Turnpike Int. 8 Ramp TSI MP 67.47C SE	67.5	67.41	512	MSE Panel Single Stage	12/13/2017
118	MP 67.47C SW	Turnpike Int. 8 Ramp TSI MP 67.47C SW	67.5	67.40	429	MSE Panel Single Stage	11/30/2017
119	MP 67.47D NE	Turnpike Int. 8 Ramp NIT MP 67.47D NE	67.76	67.70	425	MSE Panel Single Stage	11/30/2018
120	MP 67.47D NW	Turnpike Int. 8 Ramp NIT MP 67.47D NW	67.76	67.70	285	MSE Panel Single Stage	12/13/2017
121	MP 67.47E NW	Turnpike U-Turn MP 67.47E NW	67.69	67.73	295	MSE Panel Single Stage	12/7/2017
122	MP 67.47G SE	Turnpike Int. 8 Ramps TW/WT MP 67.47G SE	68.03	68.14	581	MSE Panel Single Stage	11/30/2017
123	MP 67.47G SW	Turnpike Int. 8 Ramps TW/WT MP 67.47G SW	68.14	68.07	405	MSE Panel Single Stage	12/8/2017
124	MP 67.47G NE	Turnpike Int. 8 Ramps TW/WT MP 67.47G NE	68.19	68.28	468	MSE Panel Single Stage	11/30/2017
125	MP 67.47G NW	Turnpike Int. 8 Ramps TW/WT MP 67.47G NW	68.24	68.19	215	MSE Panel Single Stage	12/8/2017
126	MP 67.57TNO	Turnpike Int. 8 Ramp TNO MP 67.57	67.57	67.70	606	MSE Panel Single Stage	12/8/2017
127	MP 67.73NOT	Turnpike Int. 8 Ramp NOT MP 67.73	67.73	67.70	304	MSE Panel Single Stage	12/12/2017
128	MP 67.79NOT	Turnpike Int. 8 Ramp NOT MP 67.79	67.79	67.68	587	MSE Panel Single Stage	12/12/2017
129	MP 67.85TW	Turnpike Int. 8 Ramp TW MP 67.85	67.85	67.96	751	MSE Panel Single Stage	11/30/2017
130	MP 67.89SO NW	Turnpike NSO MP 67.89SO NW	67.94	67.90	198	MSE Panel Single Stage	11/7/2017
131	MP 68.01NO SE	Turnpike SNO MP 68.01NO SE	67.94	67.99	235	MSE Panel Single Stage	11/14/2017
132	MP 68.01NO NE	Turnpike SNO MP 68.01NO NE	68.02	68.10	419	MSE Panel Single Stage	11/14/2017
133	MP 68.3NO	Turnpike SNO MP 68.3	68.3	68.39	452	Other / Combination	11/16/2017
134	MP 68.43NO	Turnpike SNO MP 68.43	68.43	68.48	193	Other / Combination	11/16/2017
135	MP 69.3NO	Turnpike SNO MP 69.3	69.3	69.42	573	Other / Combination	11/16/2017
136	MP 69.85NO SE	Turnpike SNO MP 69.85NO SE	69.62	69.90	1478	MSE Panel Single Stage	11/16/2017
137	MP 69.85NO NE	Turnpike SNO MP 69.85NO NE	69.97	70.04	410	MSE Panel Single Stage	11/14/2017
138	MP 69.85SO SW	Turnpike NSO MP 69.85SO SW	69.85	69.80	280	MSE Panel Single Stage	11/7/2018

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139	MP 69.85SO NW	Turnpike NSO MP 69.85SO NW	70	69.85	1000	MSE Panel Single Stage	11/7/2017
140	MP 70.49NO	Turnpike SNO MP 70.49	70.49	70.69	1061	Other / Combination	11/14/2017
141	MP 70.74NO SE	Turnpike SNO MP 70.74NO SE	70.7	70.73	143	MSE Panel Single Stage	11/14/2017
142	MP 70.74NO NE	Turnpike SNO MP 70.74NO NE	70.75	70.76	55	Steel Sheeting	11/14/2017
143	MP 70.74SO SW	Turnpike NSO MP 70.74SO SW	70.75	70.72	173	MSE Panel Single Stage	11/7/2017
144	MP 70.74SO NW	Turnpike NSO MP 70.74SO NW	70.84	70.76	331	MSE Panel Single Stage	11/7/2017
145	MP 70.76NO	Turnpike SNO MP 70.76	70.76	71.27	2630	MSE Panel Single Stage	11/14/2017
146	MP 71.26R NW	Cranbury-Half Acre Road MP 71.26R NW	71.3	71.30	190	MSE Panel Single Stage	11/16/2018
147	MP 71.26R SW	Cranbury-Half Acre Road MP 71.26R SW	71.3	71.30	41	Reinforced Concrete	11/7/2017
148	MP 71.37 SE	Turnpike SA7S Ramp SASI MP 71.37 SE	71.4	71.24	558	MSE Panel Single Stage	12/11/2017
149	MP 71.37 SW	Turnpike SA7S Ramp SASI MP 71.37 SW	71.4	71.25	450	MSE Panel Single Stage	12/11/2017
150	MP 71.37 NE	Turnpike SA7S Ramp SASI MP 71.37 NE	71.45	71.40	192	MSE Panel Single Stage	12/12/2017
151	MP 71.4SASO	Turnpike SA7S Ramp SASO MP 71.4	71.4	71.22	1047	MSE Panel Single Stage	12/12/2017
152	MP 71.46SASO	Turnpike SA7S Ramp SASO MP 71.46	71.46	71.67	1011	MSE Panel Single Stage	11/7/2017
153	MP 71.46AR NW	Turnpike SA7S Ramps SSP/SPN MP 71.46AR NW	71.48	71.48	291	MSE Panel Single Stage	11/28/2017
154	MP 71.72SAS	Turnpike SA7S Ramp SAS MP 71.72	71.72	71.60	618	Other / Combination	11/7/2017
155	MP 71.87 SW	Turnpike NSO/NSI/SNI/SNO and SA7S Ramp SAS MP 71.87 SW	71.87	71.80	264	MSE Panel Single Stage	11/7/2017
156	MP 71.87 NW	Turnpike NSO/NSI/SNI/SNO and SA7S Ramp SAS MP 71.87 NW	71.89	71.88	50	Steel Sheeting	11/7/2017
157	MP 71.87 SE	Turnpike NSO/NSI/SNI/SNO and SA7S Ramp SAS MP 71.87 SE	71.8	71.88	314	MSE Panel Single Stage	11/16/2017
158	MP 71.87 NE	Turnpike NSO/NSI/SNI/SNO and SA7S Ramp SAS MP 71.87 NE	71.89	71.93	188	Other / Combination	11/16/2017
159	MP 72.11R NE	Prospect Plains Road MP 72.11R NE	72.11	72.11	470	MSE Panel Single Stage	11/16/2017
160	MP 72.11SO	Turnpike NSO MP 72.11	72.11	71.89	1145	MSE Panel Single Stage	11/7/2017
161	MP 72.29 SE	Turnpike SA7S Ramp NISA MP 72.29 SE	72.3	72.25	121	MSE Panel Single Stage	12/12/2017
162	MP 72.29 NE	Turnpike SA7S Ramp NISA MP 72.29 NE	72.43	72.33	552	MSE Panel Single Stage	12/11/2017
163	MP 72.29 NW	Turnpike SA7S Ramp NISA MP 72.29 NW	72.43	72.33	547	MSE Panel Single Stage	12/11/2017
164	MP 72.35NOSA E	Turnpike SA7S Ramp NOSA MP 72.35E	72.35	72.31	303	MSE Panel Single Stage	12/12/2017
165	MP 72.35NOSA W	Turnpike SA7S Ramp NOSA MP 72.35W	72.35	72.22	767	MSE Panel Single Stage	11/7/2017
166	MP 73.10SO SW	Turnpike NSO MP 73.10SO SW	73.16	73.12	218	MSE Panel Single Stage	11/7/2017

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167	MP 73.11NO	Turnpike SNO MP 73.11	73.11	73.17	227	Reinforced Concrete	11/16/2017
168	MP 73.60NO	Turnpike SNO MP 73.60NO	73.6	73.99	198	Reinforced Concrete	5/9/2018
169	MP 73.68A SW	Turnpike Int. 8A Ramp SIT MP 73.68A SW	73.6	73.65	353	Reinforced Concrete	12/6/2017
170	MP 73.68A SE	Turnpike Int. 8A Ramp SIT MP 73.68A SE	73.61	73.65	270	Reinforced Concrete	12/6/2017
171	MP 73.79A NE	Turnpike Int. 8A Ramp TSI MP 73.79A NE	73.81	73.87	165	Reinforced Concrete	12/7/2017
172	MP 73.79A NW	Turnpike Int. 8A Ramp TSI MP 73.79A NW	73.89	73.82	360	Reinforced Concrete	12/7/2017
173	MP 73.84 SE	Turnpike Int. 8A Ramp TSI MP 73.84 SE	73.81	73.75	342	MSE Panel Single Stage	11/30/2017
174	MP 73.84 SW	Turnpike Int. 8A Ramp TSI MP 73.84 SW	73.86	73.78	743	MSE Panel Single Stage	12/13/2017
175	MP 73.93A NE	Turnpike Int. 8A Ramp NIT MP 73.93A NE	74.04	73.95	343	Reinforced Concrete	12/13/2017
176	MP 74.31NO SE	Turnpike SNO MP 74.31NO SE	74.33	74.45	395	Reinforced Concrete	11/16/2017
177	MP 74.39NO NW	Turnpike SNO MP 74.39NO NW	74.47	74.56	510	Reinforced Concrete	11/16/2017
178	MP 77.8NO	Turnpike SNO MP 77.8	77.8	77.82	137	Reinforced Concrete	11/14/2017
179	MP 78.46 SW	Turnpike SA8N Ramp SISA 78.46 SW	78.34	78.45	640	Reinforced Concrete	12/7/2018
180	MP 78.46 SE	Turnpike SA8N Ramp SISA 78.46 SE	78.35	78.45	594	Reinforced Concrete	11/7/2017
181	MP 78.46 NW	Turnpike SA8N Ramp SISA 78.46 NW	78.55	78.56	56	Reinforced Concrete	12/8/2017
182	MP 79.04 SE	Turnpike SA8N Ramp SANI MP 79.04 SE	78.91	78.98	302	Reinforced Concrete	12/8/2017
183	MP 79.04 SW	Turnpike SA8N Ramp SANI MP 79.04 SW	78.91	78.98	335	Reinforced Concrete	12/8/2017
184	MP 79.04 NE	Turnpike SA8N Ramp SANI MP 79.04 NE	79.05	79.15	481	Reinforced Concrete	12/7/2017
185	MP 79.04 NW	Turnpike SA8N Ramp SANI MP 79.04 NW	79.05	79.17	600	Reinforced Concrete	11/7/2017
186	MP 79.98NO	Turnpike SNO MP 79.98	79.98	80.08	510	Reinforced Concrete	11/14/2017
187	MP 80.45R NW	Turnpike NSO MP 80.45R NW	80.7	80.47	1240	Reinforced Concrete	12/7/2017
188	MP 80.76NO SE	Turnpike SNO MP 80.76NO SE	80.7	80.75	215.3	Reinforced Concrete	10/31/2017
189	MP 81.09R SW	Turnpike NSO MP 81.09R SW	81.15	81.12	210	Reinforced Concrete	12/4/2017
190	MP 81.2NO	Turnpike SNO MP 81.2	81.2	81.35	815	Reinforced Concrete	10/31/2017
191	MP 81.39NO	Turnpike SNO MP 81.39	81.39	81.55	757	Reinforced Concrete	10/31/2017
192	MP 81.66SI	Turnpike NSI MP 81.66	81.66	81.65	70	Steel Sheeting	1 <sup>st</sup> Cycle
193	MP 81.88NO	Turnpike SNO MP 81.88	81.88	82.03	830	Reinforced Concrete	11/3/2017
194	MP 81.9SO	Turnpike NSO MP 81.9	81.9	81.81	450	Reinforced Concrete	12/4/2017

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### Retaining Wall – Garden State Parkway:

No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
1	MP 0.5S SW	Parkway S MP 0.5S SW	0.51	0.48	148	Plastic Sheeting	1/22/2018
2	MP 0.5S NW	Parkway S MP 0.5S NW	0.53	0.52	55	Plastic Sheeting	1/22/2018
3	MP 0.5N NE	Parkway N MP 0.5N NE	0.54	0.56	90	Plastic Sheeting	1/22/2018
4	MP 0.5N SE	Parkway N MP 0.5N SE	0.52	0.53	55	Plastic Sheeting	1/22/2018
5	MP 2.4S SW	Parkway S MP 2.4S SW	2.43	2.41	76	Timber Sheeting	1/22/2018
6	MP 2.4S NW	Parkway S MP 2.4S NW	2.45	2.44	56	Timber Sheeting	1/22/2018
7	MP 8.4S SW	Parkway S MP 8.4S SW	8.39	8.22	920	MSE Panel Single Stage	1/22/2018
8	MP 8.4S NW	Parkway S MP 8.4S NW	8.55	8.39	820	MSE Panel Single Stage	1/22/2018
9	MP 9.62NBX	Parkway Ramp 10NBX MP 9.62	9.62	9.84	1130	MSE Panel Single Stage	1/22/2018
10	MP 9.88S	Parkway S MP 9.88	9.88	9.80	400	MSE Panel Single Stage	5/23/2018
11	MP 10.0N	Parkway N MP 10.0N	10	10.1	603	MSE Panel Single Stage	5/23/2018
12	MP 10.97SBE	Parkway Ramp 11SBE MP 10.97	10.97	10.86	505	MSE Panel Single Stage	1/22/2018
13	MP 11.04N SE	Parkway N MP 11.04N SE	10.83	11.00	890	MSE Panel Single Stage	1/22/2018
14	MP 11.04S SW	Parkway S MP 11.04S SW	11.05	10.92	620	MSE Panel Single Stage	1/22/2018
15	MP 11.04S NW	Parkway S MP 11.04S NW	11.25	11.10	835	MSE Panel Single Stage	1/22/2018
16	MP 28.0SR SE	Parkway S MP 28.0SR SE	27.36	27.42	218	MSE Panel Single Stage	1/22/2018
17	MP 28.0SR SW	Parkway S MP 28.0SR SW	27.41	27.20	924	MSE Panel Single Stage	1/24/2018
18	MP 28.5SR SE	Parkway S MP 28.5SR SE	28.15	28.41	1354	MSE Panel Single Stage	1/24/2018
19	MP 28.5SR SW	Parkway S MP 28.5SR SW	28.41	28.14	1398	MSE Panel Single Stage	1/24/2018
20	MP 28.5SR NE	Parkway S MP 28.5SR NE	28.55	28.60	280	MSE Panel Single Stage	1/22/2018
21	MP 28.5SR NW	Parkway S MP 28.5SR NW	28.69	28.55	980	MSE Panel Single Stage	1/22/2018
22	MP 31.0R NE	Parkway N MP 31.0R NE	31	31.1	562	MSE Panel Single Stage	5/23/2018
23	MP 31.0R SW	Parkway S MP 31.0R SW	31.15	31.05	903	MSE Panel Single Stage	5/23/2018
24	MP 31.50S	Parkway S MP 31.50	31.5	31.49	60	Steel Sheeting	5/23/2018
25	MP 31.6NR SW	Parkway N MP 31.6NR SW	31.6	31.49	600	Reinforced Concrete	1 <sup>st</sup> Cycle
26	MP 31.6SR SE	Parkway S MP 31.6SR SE	31.51	31.6	466	Reinforced Concrete	1 <sup>st</sup> Cycle
27	MP 32.0NR SW	Parkway N MP 32.0NR SW	32.0	31.93	386.5	Reinforced Concrete	1 <sup>st</sup> Cycle

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No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
28	MP 32.0SR SE	Parkway S MP 32.0SR SE	31.95	32.0	257.7	Reinforced Concrete	1 <sup>st</sup> Cycle
29	MP 33.4N	Parkway N MP 33.4	33.37	33.4	176	Reinforced Concrete	1 <sup>st</sup> Cycle
30	MP 33.5NR SW	Parkway N MP 33.5NR SW	33.5	33.41	463.4	Reinforced Concrete	1 <sup>st</sup> Cycle
31	MP 33.6SR SE	Parkway S MP 33.6SR SE	33.51	33.6	409.4	Reinforced Concrete	1 <sup>st</sup> Cycle
32	MP 34.5NR NW	Parkway N 34.5NR NW	34.54	34.5	205.5	Reinforced Concrete	1 <sup>st</sup> Cycle
33	MP 34.5NR SW	Parkway N 34.5NR SW	34.5	34.41	456	Reinforced Concrete	1 <sup>st</sup> Cycle
34	MP 34.5SR NE	Parkway S 34.5SR NE	34.5	34.55	285	Reinforced Concrete	1 <sup>st</sup> Cycle
35	MP 34.5SR SE	Parkway S 34.5SR SE	34.43	34.5	369.4	Reinforced Concrete	1 <sup>st</sup> Cycle
36	MP 36.2R SE	Parkway N MP 36.2R SE	36.1	36.20	450	MSE Panel Single Stage	5/23/2018
37	MP 37.05SBEA	Parkway Ramp 37SBEA MP 37.05	37.05	36.99	434	MSE Panel Single Stage	1/22/2018
38	MP 37.13SBEA	Parkway Ramp 37SBEA MP 37.13	37.13	37.11	126	MSE Panel Single Stage	1/22/2018
39	MP 44.0S NE	Pomona Road MP 44.0S NE	44	44.0	120	MSE Panel Single Stage	6/12/2018
40	MP 44.0S SE	Pomona Road MP 44.0S SE	44	44.0	120	MSE Panel Single Stage	6/12/2018
41	MP 48.3R NW	Parkway Ramp 48SBX MP 48.3R NW	48.3	48.30	400	MSE Panel Single Stage	1/30/2018
42	MP 49.0N SE	Parkway N MP 49.0N SE	48.59	48.83	1275	MSE Panel Single Stage	1/24/2018
43	MP 49.0N NE	Parkway N MP 49.0N NE	49.1	49.59	2587	MSE Panel Single Stage	1/24/2018
44	MP 50.7R SE	Route 9 MP 50.7R SE	50.65	50.65	371	MSE Panel Single Stage	1/24/2018
45	MP 51.9N SE	Parkway N MP 51.9N SE	51.47	51.77	1585	MSE Panel Single Stage	1/24/2018
46	MP 51.9N SW	Parkway N MP 51.9N SW	51.55	51.80	1315	MSE Panel Single Stage	1/24/2018
47	MP 51.9N NE	Parkway N MP 51.9N NE	51.93	52.33	1750	MSE Panel Single Stage	1/24/2018
48	MP 51.9N NW	Parkway N MP 51.9N NW	51.93	52.01	440	MSE Panel Single Stage	1/24/2018
49	MP 67.79NBX	Parkway Ramp 67NBX MP 67.79	67.79	67.80	96	Post and Panel	6/12/2018
50	MP 77.09N	Parkway N MP 77.09	77.09	77.28	800	Other / Combination	6/12/2018
51	MP 77.54S	Parkway S MP 77.54	77.54	77.53	71	Steel Sheeting	6/25/2018
52	MP 77.58NBE	Parkway Ramp 77NBE MP 77.58	77.58	77.65	300	Other / Combination	6/12/2018
53	MP 84.4SR SW	Parkway S MP 84.4SR SW	84.35	84.18	1175	MSE Panel Single Stage	1/24/2018
54	MP 90.2 NE	CR 528 MP 90.2 NE	90.2	90.20	273	MSE Panel Single Stage	6/25/2018
55	MP 90.2 NW	CR 528 MP 90.2 NW	90.2	90.20	455	MSE Panel Single Stage	6/25/2018

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No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
56	MP 90.26 SE	Parkway Ramp 89NBE MP 90.26 SE	90.2	90.25	175	MSE Panel Single Stage	6/25/2018
57	MP 90.26 NE	Parkway Ramp 89NBE MP 90.26 NE	90.25	90.30	235	MSE Panel Single Stage	6/25/2018
58	MP 92.6R SW	Burnt Tavern Road MP 92.6R SW	92.6	92.6	230	MSE Panel Single Stage	6/25/2018
59	MP 92.6R SE	Burnt Tavern Road MP 92.6R SE	92.64	92.63	270	MSE Panel Single Stage	1/24/2018
60	MP 94.8N NW	Parkway N MP 94.8N NW	94.84	94.89	290	MSE Panel Single Stage	1/24/2018
61	MP 94.9S NE	Parkway S MP 94.9S NE	94.98	94.92	277	MSE Panel Single Stage	1/24/2018
62	MP 106.65SBX	Parkway Ramp 105SBX-Local MP 106.65	106.69	106.65	258	MSE Panel Single Stage	6/26/2018
63	MP 110.1A NE	Parkway Ramp 109NBE A MP 110.1A NE	110.05	110.1	264	MSE Panel Single Stage	1 <sup>st</sup> Cycle
64	MP 110.1A SE	Parkway Ramp 109NBE A MP 110.1A SE	110.08	110.1	107.79	MSE Panel Single Stage	1 <sup>st</sup> Cycle
65	MP 114.4NO SE	Parkway NBO MP 114.4NO SE	114.37	114.40	135	Reinforced Concrete	1/30/2018
66	MP 114.4NO NE	Parkway NBO MP 114.4NO NE	114.43	114.43	344	Reinforced Concrete	1/30/2018
67	MP 114.4NO NW	Parkway NBO MP 114.4NO NW	114.44	114.46	90	Reinforced Concrete	1/30/2018
68	MP 120.20SAN	Parkway Ramp SAN MP 120.20	124.2	124.40	995	Other / Combination	6/14/2018
69	MP 123.7SI	Parkway SBI MP 123.7	123.7	123.70	100	Reinforced Concrete	1/30/2018
70	MP 123.8SO	Parkway SBO MP 123.8	123.8	123.65	224	Reinforced Concrete	1/30/2018
71	MP 124.10NI	Parkway NBI MP 124.10	124.1	124.19	455	Other / Combination	1/22/2018
72	MP 125NBE	Parkway Ramp 125NBE MP 126.3	126.19	126.3	580	MSE Panel Single Stage	1 <sup>st</sup> Cycle
73	MP 125SBX	Parkway Ramp 125SBX MP 126.5	126.5	126.35	769.85	MSE Panel Single Stage	1 <sup>st</sup> Cycle
74	MP 126.3NR NW	Parkway N MP 126.3NR NW	126.34	126.3	223.15	MSE Panel Single Stage	1 <sup>st</sup> Cycle
75	MP 126.3SR NE	Parkway S MP 126.3SR NE	126.3	126.36	301.49	MSE Panel Single Stage	1 <sup>st</sup> Cycle
76	MP 126.3SR NW	Parkway Ramp 125NBE MP 126.3	126.19	126.3	580	MSE Panel Single Stage	1 <sup>st</sup> Cycle
77	MP 126.8S	Parkway S MP 126.8S	126.8	126.75	263.66	MSE Panel Single Stage	1 <sup>st</sup> Cycle
78	MP 127.2S SW	Parkway S MP 127.2S SW	127	126.9	200	MSE Panel Single Stage	6/14/2018
79	MP 127.95SBE	Parkway Ramp 127SBE (H) MP 127.95	127.95	127.74	1098.89	MSE Panel Single Stage	1 <sup>st</sup> Cycle
80	MP 128.7S SW	Parkway S MP 128.7S SW	128.63	128.60	161	Reinforced Concrete	1/22/2018
81	MP 129.45	Poplar Street MP 129.45	129.45	129.43	130	Reinforced Concrete	6/14/2018
82	MP 129.7A NE	Turnpike Int. 11 Ramp TPN MP 129.7A NE	90.28	90.26	162	Reinforced Concrete	1/31/2018
83	MP 130.79S	Parkway S MP 130.79	130.79	130.60	1000	Other / Combination	6/14/2018



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No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
84	MP 131.10S	Parkway S MP 131.10	131.1	131.09	75	Masonry	1/22/2018

### Noise Barrier – New Jersey Turnpike:

No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
1	MP 38.90 SE	Turnpike SNO MP 38.90 SE	38.76	38.90	630	Post and Panel	2/6/2018
2	MP 38.91NO	Turnpike SNO MP 38.91	38.91	38.96	265	Post and Panel	02/06/2018
3	MP 54.00SO SW	Turnpike NSO MP 54.00SO SW	54	53.98	110	Other / Combination	05/08/2018
4	MP 54.00SO NW	Turnpike NSO MP 54.00SO NW	54.12	54.00	615	Other / Combination	11/29/2017
5	MP 54.2SO	Turnpike NSO MP 54.2	54.2	54.11	470	Post and Panel	11/29/2017
6	MP 54.47SO	Turnpike NSO MP 54.47	54.47	54.18	1540	Post and Panel	11/29/2017
7	MP 54.71SO	Turnpike NSO MP 54.71	54.71	54.46	1320	Post and Panel	11/29/2017
8	MP 55.05SO	Turnpike NSO MP 55.05	55.05	54.73	1750	Post and Panel	11/28/2017
9	MP 60.91NT	Turnpike Int. 7A Ramp NT MP 60.91	60.91	60.68	1333	Post and Panel	11/28/2017
10	MP 61.91SO	Turnpike NSO MP 61.91	61.91	61.60	1500	Post and Panel	11/28/2017
11	MP 62.49SO	Turnpike NSO MP 62.49	62.49	62.29	1070	Post and Panel	02/06/2018
12	MP 62.7SO	Turnpike NSO MP 62.7	62.7	62.45	1240	Post and Panel	11/28/2017
13	MP 65.54SO	Turnpike NSO MP 65.54	65.54	65.34	1050	Post and Panel	11/29/2017
14	MP 65.65SO	Turnpike NSO MP 65.65	65.65	65.56	630	Post and Panel	11/29/2017
15	MP 66.92NO	Turnpike SNO MP 66.92	66.92	67.06	690	Post and Panel	02/06/2018
16	MP 67.89NO SE	Turnpike SNO MP 67.89NO SE	67.63	67.89	1400	Post and Panel	02/06/2018
17	MP 67.89NO NE	Turnpike SNO MP 67.89NO NE	67.92	67.94	133	Other / Combination	11/14/2017
18	MP 73.1NO	Turnpike SNO MP 73.1	73.1	73.30	1,320	Post and Panel	11/28/2017
19	MP 73.47NO	Turnpike SNO MP 73.47	73.47	73.64	907	Post and Panel	02/06/2018
20	MP 73.63SOT	Turnpike Int. 8A Ramp SOT MP 73.63	73.63	73.71	465	Post and Panel	02/06/2018
21	MP 73.68SOT	Turnpike Int. 8A Ramp SOT MP 73.68	73.68	74.00	2090	Post and Panel	02/06/2018
22	MP 74.0NO	Turnpike SNO MP 74.0	74	74.31	1678	Post and Panel	02/06/2018
23	MP 77.88NO	Turnpike SNO MP 77.88	77.88	78.03	882	Post and Panel	02/06/2018
24	MP 78.61NO	Turnpike SNO MP 78.61	78.61	79.09	2480	Post and Panel	02/06/2018
25	MP 79.03NO	Turnpike SNO MP 79.03	79.03	79.29	1423	Post and Panel	02/06/2018

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No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
26	MP 79.34NO	Turnpike SNO MP 79.34	79.34	79.55	1135	Post and Panel	02/06/2018
27	MP 79.6NO	Turnpike SNO MP 79.6	79.6	79.73	705	Post and Panel	02/06/2018
28	MP 79.72NO	Turnpike SNO MP 79.72	79.72	79.80	460	Post and Panel	02/06/2018
29	MP 79.81NO	Turnpike SNO MP 79.81	79.81	80.12	1656	Post and Panel	02/06/2018
30	MP 80.1NO	Turnpike SNO MP 80.1	80.1	80.35	1332	Post and Panel	10/31/2017
31	MP 80.33 NW	Turnpike NSO MP 80.33 NW	80.42	80.32	490	Post and Panel	12/11/2017
32	MP 80.33 SW	Turnpike NSO MP 80.33 SW	80.31	80.04	1420	Post and Panel	1/8/2018
33	MP 80.37 NE	Turnpike SNO MP 80.37 NE	80.38	80.43	260.8	Post and Panel	11/2/2017
34	MP 80.46SO	Turnpike NSO MP 80.46	80.46	80.41	260	Post and Panel	12/11/2017
35	MP 80.76SO	Turnpike NSO MP 80.76	80.76	80.48	1430	Post and Panel	12/7/2017
36	MP 81.1SO	Turnpike NSO MP 81.1	81.1	81.00	435	Post and Panel	12/6/2017
37	MP 81.58NO NE	Turnpike SNO MP 81.58NO NE	81.59	81.63	253	Post and Panel	11/1/2017
38	MP 81.66 NE	Turnpike SNO MP 81.66 NE	81.67	81.79	623	Post and Panel	11/1/2017
39	MP 81.78NO	Turnpike SNO MP 81.78	81.78	82.14	1938	Post and Panel	11/7/2017
40	MP 81.8SO	Turnpike NSO MP 81.8	81.8	81.68	770	Post and Panel	12/6/2017

### Noise Barrier – Garden State Parkway:

No.	Structure No.	Structure Name	MP Start	MP End	Length (Ft.)	Wall Type	Last Insp. Date
1	MP 84.91S	Parkway S MP 84.91	84.91	84.47	2280	Post and Panel	01/24/2018
2	MP 92.80N	Parkway N MP 92.80	92.8	92.97	935	Post and Panel	1/24/2018
3	MP 132.43S	Parkway S MP 132.43	132.43	132.34	500	Post and Panel	02/08/2018
4	MP 132.76N	Parkway N MP 132.76	132.76	133.08	1670	Post and Panel	02/08/2018
5	MP 134.32N	Parkway N MP 134.32	134.32	134.68	2455	Post and Panel	02/08/2018
6	MP 134.52S	Parkway S MP 134.52	134.52	134.32	1357	Post and Panel	02/08/2018

**Subsection B3**  
**Staffing Estimate**  
**OPS No. A3935, 2023 Retaining Wall and Noise Barrier Inspection – North**

Classification (ASCE-Grade)	Task 1 Mobilization	Task 2 Inspection	Task 3 Draft Reports	Task 4 Final Reports	Task 5 Miscellaneous	Total Hours
Project Manager (PVII)						
Team Leader (PVI)						
Inspectors (PIV)						
Junior Engineer (PIII/PII)						
CADD Technician (ET-4 / ET-5)						
Other-Specify ( )						
Other-Specify ( )						
Total Hours						

Note: The above chart is intended as a guide. The Qualified Firms may modify and expand classifications as required to meet project needs.  
 Unanticipated Services – The Qualified Firm shall make an allowance of 10% contingency of the burdened labor fee in the Fee Proposal.

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**Subsection B3  
Staffing Estimate**

**OPS No. A3936, 2023 Retaining Wall and Noise Barrier Inspection – South**

Classification (ASCE-Grade)	Task 1 Mobilization	Task 2 Inspection	Task 3 Draft Reports	Task 4 Final Reports	Task 5 Miscellaneous	Total Hours
Project Manager (PVII)						
Team Leader (PVI)						
Inspectors (PIV)						
Junior Engineer (PIII/PII)						
CADD Technician (ET-4 / ET-5)						
Other-Specify ( )						
Other-Specify ( )						
Total Hours						

Note: The above chart is intended as a guide. The Qualified Firms may modify and expand classifications as required to meet project needs. Unanticipated Services – The Qualified Firm shall make an allowance of 10% contingency of the burdened labor fee in the Fee Proposal.

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### **Subsection B4** **Qualified and Eligible Firms**

1. Advantage Engineering Associates, P.C.
2. AECOM Technical Services
3. AI Engineers, Inc.
4. Arora and Associates, P.C.
5. ATANE Engineers, Architects and Land Surveyors, P.C.
6. Atkins North America, Inc.
7. Boswell Engineering
8. Buchart-Horn, Inc.
9. CDM Smith Inc.
10. Churchill Consulting Engineers, PC
11. CME Associates
12. Dewberry Engineers Inc.
13. Gannett Fleming, Inc.
14. Greenman-Pedersen, Inc.
15. Hardesty & Hanover, LLC
16. IH Engineers, P.C.
17. Johnson, Mirmiran & Thompson, Inc.
18. KS Engineers, P.C.
19. LS Engineering Associates Corporation
20. M&J Engineering, P.C.
21. MAKS Engineers, PC
22. McCormick Taylor, Inc.
23. McLaren Engineering Group
24. Michael Baker International, Inc.
25. Modjeski & Masters, Inc.
26. Mott MacDonald LLC
27. MP Engineers, P.C.
28. Naik Consulting Group PC and KS Engineers, PC
29. NAIK Consulting Group, P.C.
30. Pennoni Associates, Inc.
31. Pickering, Corts & Summerson, Inc.
32. PKB Engineering Corporation
33. Remington & Vernick Engineers
34. SJH Engineering, P.C.
35. Stantec Consulting Services, Inc.
36. STV Incorporated
37. T&M Associates
38. T.Y. Lin International
39. Traffic Planning and Design, Inc.
40. Van Cleef Engineering Associates, LLC
41. W.J. Castle P.E. and Associates P.C.
42. WSP USA Inc.

**ATTACHMENT C**

**Standard Supplemental Information and Forms**

**Subsection No. and Title**

- C1. Administrative Information
- C2. Mandatory Employment Opportunity Language, *N.J.S.A. 10:5-31 et seq. (P.L.1975, c.127) and N.J.A.C. 17:27 et seq.*
- C3. State Consultant Political Contributions, *N.J.S.A. 19:44A-20.13 to 20.25 (P.L. 2005, c.51), N.J.S.A. 19:44-20.26 (P.L. 2005, c.271s.2), P.L. 2023, c.30 (The Elections Transparency Act) and Executive Order 333 (2023 Murphy)*
- C4. Right to Audit
- C5. Antidiscrimination Provisions
- C6. Standards Prohibiting Conflicts of Interest Executive Order 189 (1988 - Kean)
- C7. ADA Indemnification Act
- C8. Diane B. Allen Equal Pay Act
- C9. Warranty by Contractor of No Solicitation on Commission or Contingent Fee Basis, *N.J.S.A. 52:34-15 (P.L. 1954, c48, s.10)*
- C10. Prompt Payment Act, *N.J.S.A. 2A:30A*
- C11. Code of Ethical Standards
- C12. Small Business Enterprise and Disabled Veteran Owned Business Programs
- C13. Standard Supplement Forms to be Submitted
  - (a) Affidavit of Eligibility/Disclosure of Material Litigation
  - (b) Small Business Enterprise/Disabled Veteran Owned Business
  - (c) Disclosure of Investment Activities in Iran\* *N.J.S.A. 52:32-58*
  - (d) Prohibited Activities in Russia or Belarus
  - (e) Source Disclosure Form
  - (f) Ownership Disclosure
  - (g) Business Registration Act\*\*\*
  - (h) Set-Off for State Sales Tax
  - (i) Affidavit of Moral Integrity form
  - (j) Disclosure of Outstanding Work
  - (k) Recent Authority Project Experience

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### Subsection C1

#### Administrative and Agreement Information

##### **Professional Corporation**

Incorporated Firms that have not filed a copy of a Certificate of Authorization, with the Authority must include a copy of the Certificate with the EOI. Professional service corporations established pursuant to the “Professional Service Corporation Act,” N.J.S.A. 14A:17-1 et seq. (P.L. 1969, c. 232), are exempt from this requirement.

##### **Signatures**

Expressions of Interest must be signed by an officer of the Firm authorized to make a binding commitment.

##### **Incurring Costs**

The Authority shall not be liable for any costs incurred by any Firm in the preparation of their Expression of Interest or Fee Proposal.

##### **Addendum to EOI Solicitations**

If, at any time prior to the Authority receiving responses to this RFEOI, it becomes necessary to revise any part of this RFEOI, or if additional information is necessary to enable firms to adequately interpret the provisions of this RFEOI, an addendum to the RFEOI will be made available on the Authority’s web-site, [www.njta.com](http://www.njta.com), as described herein.

##### **Acceptance and Rejection of EOIs and Fee Proposals**

Any award of this OPS will be made in accordance with N.J.A.C.19:9-2.8. The issuance of this RFEOI soliciting Expressions of Interest and Fee Proposals does not, in any manner or form, commit the Authority to award any OPS. The contents of the RFEOI, EOI, and a final negotiated Fee Proposal may become a contractual obligation, if an EOI submitted in response to the RFEOI is accepted, and an OPS is entered into with the Authority. Failure of a firm to adhere to and/or honor any or all of obligations of its response to the RFEOI, including its EOI, may result in rescission of any OPS awarded by the Authority. The Authority shall not be obligated at any time to award any OPS. The Authority reserves the right to accept or reject any or all proposals or to negotiate with any proposer, to waive minor noncompliance, amend or supplement the RFEOI, re-advertise the RFEOI, or abandon a procurement, and/or take such other steps deemed necessary and in the best interest of the Authority, in accordance with applicable law.

##### **Errors or Omissions in RFEOI**

It is the firm’s responsibility to bring to the attention of the Authority during the RFEOI any errors, omissions, or non-compliance discovered in the RFEOI. By neglecting to do so, the firm will be responsible to make any resulting changes without additional compensation if awarded the OPS.

##### **Dissemination of Information**

Information included in this RFEOI or in any way associated with this project is intended for use only by the firms submitting an EOI and the Authority and is to remain the property of the Authority. Under no circumstances shall any of said information be published, copied, or used by any firm, except in replying to this RFEOI solicitation.

##### **News Releases**

No news releases pertaining to this RFEOI or the project to which it relates shall be made without Authority approval and then only in coordination with the issuing office and the Authority’s Media Relations Coordinator.

##### **Public Records**

This RFEOI, and any response to the RFEOI, including an EOI and Fee Proposal submitted by a firm in response to the RFEOI, shall constitute a public document subject to disclosure in accordance with New Jersey’s Open Public Records Act, N.J.S.A.

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47:1A-1 et seq. (OPRA). Any firm responding to the RFEOI may request that the Authority's Director of Law deem certain information contained in its response to be personal, financial, or proprietary information that is exempt from disclosure under OPRA.

The Authority reserves the right to make the determination regarding what is proprietary or confidential and will advise the winning bidder/proposer accordingly. The Authority will not honor any attempt by a winning bidder/proposer to designate its entire proposal as proprietary or confidential and will not honor a claim of copyright protection for an entire proposal. In the event of any challenge to the winning bidder's/proposer's assertion of confidentiality with which the Authority does not concur, the bidder /proposer shall be solely responsible for defending its designation.



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### Subsection C2

#### Mandatory Equal Employment Opportunity Language

N.J.S.A. 10:5-31 et seq. (P.L.1975, c.127)

N.J.A.C. 17:27 et seq.

#### Goods, General Services, and Professional Services Contracts

The consultant or subconsultant, where applicable, will not discriminate against any employee or applicant for employment because of age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality, or sex. Except with respect to affectional or sexual orientation and gender identity or ex-pression, the consultant will ensure that equal employment opportunity is afforded to such applicants in recruitment and employment, and that employees are treated during employment, without regard to their age, race, creed, color, national origin, ancestry, marital status, affection-al or sexual orientation, gender identity or expression, disability, nationality, or sex. Such equal employment opportunity shall include, but not be limited to the following: employment, up-grading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The consultant agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the Public Agency Compliance Officer setting forth provisions of this nondiscrimination clause.

The consultant or subconsultant, where applicable will, in all solicitations or advertisements for employees placed by or on behalf of the consultant, state that all qualified applicants will receive consideration for employment without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex.

The consultant or subconsultant will send to each labor union, with which it has a collective bargaining agreement, a notice, to be provided by the agency contracting officer, advising the labor union of the consultant's commitments under this chapter and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The consultant or subconsultant, where applicable, agrees to comply with any regulations promulgated by the Treasurer pursuant to N.J.S.A. 10:5-31 et seq., as amended and supplemented from time to time and the Americans with Disabilities Act.

The consultant or subconsultant agrees to make good faith efforts to meet targeted county employment goals established in accordance with N.J.A.C. 17:27-5.2.

The consultant or subconsultant agrees to inform in writing its appropriate recruitment agencies including, but not limited to, employment agencies, placement bureaus, colleges, universities, and labor unions, that it does not discriminate on the basis of age, race, creed, col-or, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, and that it will discontinue the use of any recruitment agency which engages in direct or indirect discriminatory practices.

The consultant or subconsultant agrees to revise any of its testing procedures, if necessary, to assure that all personnel testing conforms with the principles of job-related testing, as established by the statutes and court decisions of the State of New Jersey and as established by applicable Federal law and applicable Federal court decisions.

In conforming with the targeted employment goals, the consultant or subconsultant agrees to review all procedures relating to transfer, upgrading, downgrading and layoff to ensure that all such actions are taken without regard to age, race, creed, color, national origin, ancestry, marital status, affectional or sexual orientation, gender identity or expression, disability, nationality or sex, consistent with the statutes and court decisions of the State of New Jersey, and applicable Federal law and applicable Federal court decisions.

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The consultant shall submit to the public agency, after notification of award but prior to execution of a goods and services contract, one of the following three documents:

- Letter of Federal Affirmative Action Plan Approval.
- Certificate of Employee Information Report; or

Employee Information Report Form AA-302 (electronically provided by the Division and distributed to the public agency through the Division's website at: [http://www.state.nj.us/treasury/contract\\_compliance](http://www.state.nj.us/treasury/contract_compliance)).

The consultant and its subconsultants shall furnish such reports or other documents to the Division of Purchase & Property, CCAU, EEO Monitoring Program as may be request-ed by the office from time to time in order to carry out the purposes of these regulations, and public agencies shall furnish such information as may be requested by the Division of Purchase & Property, CCAU, EEO Monitoring Program for conducting a compliance investigation pursuant to N.J.A.C. 17:27-1.1 et seq.

### Subsection C3

#### **State Consultant Political Contributions Compliance**

**N.J.S.A. 19:44A-20.13 to 20.25 (P.L. 2005, c.51) superseding Executive Order 134 (2004),  
The Elections Transparency Act," P.L. 2023, c.30,  
and Executive Order 333 (2023 Murphy)**

#### **Election Transparency Act, P.L. 2023, c. 30; Fair and Open Exception**

In accordance with the Elections Transparency Act, P.L. 2023, c. 30 (the "Act"), effective January 1, 2023, all contracts awarded by the Authority pursuant to a fair and open process as defined in the Act are no longer subject to the political contributions proscription that prohibited a contract award if certain reportable contributions were solicited or made by a potential contract awardee. The Authority has determined that this procurement meets the requirements of a fair and open process and, accordingly, any such solicited or reportable contributions made by any proposer submitting a proposal will not prohibit any contract award thereto if such proposer is deemed the successful proposer.

#### **Annual Report of Contributions to the Election Law Enforcement Commission**

All Business entities are advised of their responsibility to file an annual disclosure statement of political contributions with the New Jersey Election Law Enforcement Commission (ELEC) pursuant to N.J.S.A. 19:44A-20.27 if they receive contracts in excess of \$50,000.00 from public entities in a calendar year. Business entities are responsible for determining if filing is necessary. Additional information on this requirement is available from ELEC at 888-313-3532 or at [www.elec.state.nj.us](http://www.elec.state.nj.us)

#### **Breach of Terms of Government Contract**

It shall be a breach of the terms of the OPS for the Business Entity to (i) make or solicit a contribution in violation of the Act, (ii) knowingly conceal or misrepresent a contribution given or received; (iii) make or solicit contributions (through intermediaries for the purpose of concealing or misrepresenting the source of the contribution; (iv) make or solicit any contribution on the condition or with the agreement that it will be contributed to a campaign committee of any candidate of holder of the public office of Governor or Lieutenant Governor; (v) engage or employ a lobbyist or consultant with the intent or understanding that such lobbyist or consultant would make or solicit any contribution, which if made or solicited by the Business Entity itself, would subject that entity to the restrictions of the Act; (vi) fund contributions made by third parties, including consultants, attorneys, family members, and employees; (vii) engage in any exchange of contributions to circumvent the intent of the Act; or (viii) directly or indirectly, through or by any other person or means, do any act which would subject that entity to the restrictions of the Act.

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### **Subsection C4** **Right to Audit**

Pursuant to N.J.A.C. 17:44-2.2, the New Jersey Office of the State Comptroller (OSC) has the authority to audit or review contract records, as follows:

- a) Relevant records of private vendors or other persons entering into contracts with covered entities, including the Authority, are subject to review by the OSC pursuant to N.J.S.A. 52:15C-14(d).
- b) Any Consultant awarded a contract shall maintain all documentation related to products, transactions or services under this contract for a period of five (5) years from the date of final payment. Such records shall be made available to the OSC upon request.

### **Subsection C5** **Antidiscrimination Provisions**

In accordance with N.J.S.A. 10:2-1 every contract for or on behalf of the State or any county or municipality or other political subdivision of the State, or any agency of or authority created by any of the foregoing, for the construction, alteration or repair of any public building or public work or for the acquisition of materials, equipment, supplies or services shall contain provisions by which the contractor agrees that:

- a. In the hiring of persons for the performance of work under this contract or any subcontract hereunder, or for the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under this contract, no consultant, nor any person acting on behalf of such consultant or subconsultant, shall, by reason of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex, discriminate against any person who is qualified and available to perform the work to which the employment relates;
- b. No consultant, subconsultant, nor any person on his behalf shall, in any manner, discriminate against or intimidate any employee engaged in the performance of work under this contract or any subcontract hereunder, or engaged in the procurement, manufacture, assembling or furnishing of any such materials, equipment, supplies or services to be acquired under such contract, on account of race, creed, color, national origin, ancestry, marital status, gender identity or expression, affectional or sexual orientation or sex;
- c. There may be deducted from the amount payable to the consultant by the contracting public agency, under this contract, a penalty of \$50.00 for each person for each calendar day during which such person is discriminated against or intimidated in violation of the provisions of the contract; and
- d. This contract may be canceled or terminated by the contracting public agency, and all money due or to become due hereunder may be forfeited, for any violation of this attachment of the contract occurring after notice to the consultant from the contracting public agency of any prior violation of this attachment of the contract.

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**Subsection C6**  
**Standards Prohibiting Conflicts of Interest**  
**Executive Order 189 (1988 - Kean)**

Pursuant to N.J.S.A.52:34-19 and Executive Order 134 (1976 - Byrne), Executive Order 189 (1988 - Kean) includes the following prohibitions on any vendor which provides or offers or proposes to provide goods or services to or perform any contract for the State of new Jersey or any State agency.

- (a) No vendor shall pay, offer to pay, or agree to pay, either directly or indirectly, any fee, commission, compensation, gift, gratuity, or other thing of value of any kind to any State officer or employee or special State officer or employee, as defined by N.J.S.A. 52:13D-13b. and e., in the Department of the Treasury or any other agency with which such vendor transacts or offers or proposes to transact business, or to any member of the immediate family, as defined by N.J.S.A. 52:13D-13i., of any such officer or employee, or any partnership, Firm, or corporation with which they are employed or associated, or in which such officer or employee has an interest within the meaning of N.J.S.A. 52:13D-13g.
- (b) The solicitation of any fee, commission, compensation, gift, gratuity, or other thing of value by any State officer or employee or special State officer or employee from any State vendor shall be reported in writing forthwith by the vendor to the Attorney General and the Executive Commission on Ethical Standards.
- (c) No vendor may, directly or indirectly, undertake any private business, commercial or entrepreneurial relationship with, whether or not pursuant to employment, contract or other agreement, express or implied, or sell any interest in such vendor to, any State officer or employee or special State officer or employee having any duties or responsibilities in connection with the purchase, acquisition or sale of any property or services by or to any State agency or any instrumentality thereof, or with any person, Qualified Firm or entity with which he is employed or associated or in which he has an interest within the meaning of N.J.S.A. 52:13D-13g. Any relationships subject to this provision shall be reported in writing forthwith to the Executive Commission on Ethical Standards, which may grant a waiver of this restriction upon application of the State officer or employee or special State officer or employee upon a finding that the present or proposed relationship does not present the potential, actuality, or appearance of a conflict of interest.
- (d) No vendor shall influence, or attempt to influence or cause to be influenced, any State officer or employee or special State officer or employee in his official capacity in any manner which might tend to impair the objectivity or independence of judgment of said officer or employee.
- (e) No vendor shall cause or influence, or attempt to cause or influence, any State officer or employee or special State officer or employee to use, or attempt to use, his official position to secure unwarranted privileges or advantages for the vendor or any other person.
- (f) The provisions cited above in paragraph 3a. through 3e. shall not be construed to prohibit a State officer or employee or special State officer or employee from receiving gifts from or contracting with vendors under the same terms and conditions as are offered or made available to members of the general public subject to any guidelines the Executive Commission on Ethical Standards may promulgate under paragraph 3c.

**Subsection C7**  
**ADA Indemnification Act**

The provisions of Title II of the Americans with Disabilities Act of 1990 (the "Act") (42 U.S.C. §12101 et seq.), which prohibits discrimination on the basis of disability by public entities in all services, programs and activities provided or

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made available by public entities, and the rules and regulations promulgated pursuant thereto, shall be a part of any OPS awarded under pursuant to this RFEOI. In providing any aid, benefit, or service on behalf of the Authority pursuant to any such OPS, the consultant agrees that the performance shall be in strict compliance with the Act. In the event that the consultant, its agents, servants, employees, or subconsultants violate or are alleged to have violated the Act during the performance of any OPS awarded pursuant to this RFEOI, the consultant shall defend the Authority in any action or administrative proceeding commenced pursuant to this Act. The consultant shall indemnify, protect, and save harmless the Authority, its agents, servants, and employees from and against any and all suits, claims, losses demands, or damages, or whatever kind or nature arising out of or claimed to arise out of the alleged violation. The consultant shall at its own expense, appear, defend, and pay any and all charges for legal services and any and all costs and other expenses arising from such action or administrative proceeding or incurred in connection therewith. In any and all complaints brought pursuant to the Authority grievance procedure, the consultant agrees to abide by any decision of the Authority that is rendered pursuant to said grievance procedure. If any action or administrative proceeding results in an award of damages against the Authority or if the Authority incurs any expense to cure a violation of the Act which has been brought pursuant to its grievance procedure, the consultant shall satisfy and discharge the same at its own expense.

The Authority shall, as soon as practicable after a claim has been made against it, give written notice thereof to the consultant along with full and complete particulars of the claim. If any action or administrative proceedings is brought against the Authority or any of its agents, servants, and employees, the Authority shall expeditiously forward or have forwarded to the consultant every demand, complaint, notice, summons, pleading, or other process received by the Authority or its representatives. It is expressly agreed and understood that any approval by the Authority of the services provided by the consultant pursuant to any contract awarded pursuant to this RFEOI will not relieve the consultant of the obligation to comply with the Act and to defend, indemnify, protect, and save harmless the Authority pursuant to this attachment. It is further agreed and understood that the Authority assumes no obligation to indemnify or save harmless the consultant, its agents, servants, employees and subconsultants for any claim that may arise out of their performance of any OPS awarded pursuant to this RFEOI. Furthermore, the consultant expressly understands and agrees that the provisions of this indemnification clause shall in no way limit the consultant's obligations assumed in any OPS awarded pursuant to this RFEOI, nor shall it be construed to relieve the consultant from any liability, nor preclude the Authority from taking any other actions available to it under any other provisions of any OPS awarded pursuant to this RFEOI or otherwise at law.

### **Subsection C8**

#### **Diane B. Allen Equal Pay Act**

Pursuant to N.J.S.A. 34:11-56.1 et seq. (P.L. 2018, c. 9), also known as the Diane B. Allen Equal Pay Act, which was signed in to law by Governor Phil Murphy on April 24, 2018, a consultant performing “qualifying services” or “public work” to the State or any agency or instrumentality of the State shall provide the Commissioner of Labor and Workforce Development a report regarding the compensation and hours worked by employees categorized by gender, race, ethnicity, and job category. For more information and report templates see <https://nj.gov/labor/equalpay/equalpay.html>

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**Subsection C9**

**Warranty of Contractor of No Solicitation on**

**Commission or Contingent Fee Basis**

**N.J.S.A. 52:34-15 (P.L. 1954, c. 48, § 10)**

Every contract or agreement negotiated, awarded or made pursuant to N.J.S.A. 52:34-15 shall contain a suitable warranty by the contractor that no person or selling agency has been employed or retained to solicit or secure such contract upon an agreement or understanding for a commission, percentage, brokerage or contingent fee, except bona fide employees or bona fide established commercial or selling agencies maintained by the contractor for the purpose of securing business, for the breach or violation of which warranty the State shall have the right to annul such contract without liability or in its discretion to deduct from the contract price or consideration the full amount of such commission, percentage, brokerage or contingent fee.

**Subsection C10**

**Prompt Payment Act, N.J.S.A. 2A:30A**

Pursuant to the New Jersey Prompt Payment Act, N.J.S.A. 2A:30A-1 et seq., payment to the Successful Qualified Firm under any contract awarded pursuant to this RFEOI shall be processed and paid as follows:

1. All consultant bills shall be deemed approved and certified for payment 20 days after the receipt unless before the end of the 20-day period a written statement of the amount withheld and the reason for withholding payment is provided.
2. If the billing is approved, the bill shall be paid in the Authority's subsequent payment cycle.

**Subsection C11**

**Code of Ethical Standards**

The Authority has promulgated a Code of Ethical Standards pursuant to the laws of the State of New Jersey, a copy of which is available on the State of New Jersey website at <https://www.state.nj.us/ethics/docs/ethics/uniformcode.pdf>. By submitting an Expression of Interest and Fee Proposals, the Successful Firm will be subject to the intent and purpose of said the Code and to the requirements of the State Ethics Commission.

**Subsection C12**

**Small Business Enterprise and Disabled Veteran Owned Business Programs**

**Small Business Enterprise Program**

It is the policy of the New Jersey Turnpike Authority (the "Authority") that Small Business Enterprises ("SBE"), as determined and defined by the Division of Revenue & Enterprise Services ("Division") and the Department of the Treasury ("Treasury") in N.J.A.C. 17:13-1.1, have the opportunity to compete for and participate in the performance of consultant services. The Authority seeks participation of these SBEs in the performance of certain Orders for Professional Services (OPS). At the time of submission of its Technical Proposal, the firm must include either (1) evidence of the use subconsultants who are registered with the Division as an SBE and whose collective participation in performance of subconsultant services meets or exceeds the goal of at least twenty-five percent (25%) of the total value of any OPS awarded pursuant to this RFP, or (2) demonstration of a good faith effort to meet the goal of awarding

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at least twenty-five percent (25%) of the total value of the OPS to subconsultants who are registered with the Division as an SBE.

During this procurement, as part of the fee negotiation process, firms must submit proof of their subconsultants' SBE registration(s). In the event that, prior to the time of award, a firm has not demonstrated to the Authority's satisfaction, that good faith effort was made to accomplish the above stated goal, the Authority is precluded from awarding the firm the OPS in accordance with N.J.A.C. 17:13-4.2.

After award of the OPS, in order for the Authority to monitor and report SBE participation during the course of the OPS pursuant to N.J.A.C. 17:13-1.1 et seq., the selected firm (the "Consultant") shall submit evidence of SBE participation in a form acceptable to the Authority, with each invoice for payment. Invoices for payment submitted without the completed SBE Form will not be processed.

If a Consultant, at any time during the course of an OPS, and for any reason, intends to make any additions, deletions, or substitutions of the SBE subconsultants listed on the SBE/DVOB Utilization form submitted to the Authority, the Consultant shall submit such proposed changes for approval. Any such proposed changes must comply with the requirements and procedures set forth herein.

A firm submitting a proposal shall take the following action, in accordance with N.J.A.C. 17:13-4.3, in establishing a "good faith effort" to solicit and award subconsultant contracts to eligible SBEs:

1. Firm shall attempt to locate qualified potential SBE subconsultants.
2. Firm shall request a listing of small businesses from the Division and the Authority, if none are known to the firm submitting a proposal.
3. Firm shall keep specific records of its efforts, including the names of businesses contacted and the means and results of such contacts, including receipts from certified mail and telephone records.
4. Firm shall provide all potential SBE subconsultants with detailed information regarding the solicitation, project description and specifications, including proof of advertisements in general circulation media, professional service publications and minority and women focus media.
5. Firm shall attempt, wherever possible, to negotiate lower prices with potential SBE subconsultants that submit higher than acceptable fee estimates.
6. Firm shall provide evidence of efforts made to identify work categories capable of being performed by SBEs; and
7. Firm shall provide evidence of efforts made to use the services of available community organizations, consultant groups, and local, State, and federal agencies that provide assistance in the recruitment and placement of SBEs.

**The Successful Qualified Firm shall maintain adequate records to document its efforts and shall provide same to the Authority upon request.**

### Disabled Veteran Owned Business Enterprise Program

It is the policy of the New Jersey Turnpike Authority ("Authority") that Disabled Veteran Owned Business Enterprises (DVOBs), as determined and defined by the Division of Revenue & Enterprise Services ("Division") and the Department of Treasury ("Treasury") in N.J.A.C. 17:14-1.1, have the opportunity to compete for and participate in the performance of consultant services. The Authority seeks participation of these DVOBs in the performance of certain Orders for Professional Services (OPS). The firm's Expression of Interest must include either (1) evidence of the use of subconsultants who are registered with the Division as a DVOB, and whose collective participation in performance of

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subconsultant services meets or exceeds the goal of at least three per cent (3%) of the total value of any OPS awarded pursuant to this RFP or (2) demonstration of a good faith effort to meet the goal of awarding at least three per cent (3%) of the total value of the OPS to subconsultants who are registered with the Division as a DVOB.

During the Expression of Interest portion of this procurement, as part of the fee negotiation process, firms must submit proof of their subconsultants DVOB registrations. In the event that, prior to the time of award, a firm has not demonstrated, to the Authority's satisfaction, that a good faith effort was made to accomplish the above stated goal, the Authority is precluded from awarding the firm the OPS in accordance with N.J.A.C. 17:14-4.2.

After award of the OPS, in order for the Authority to monitor and report DVOB participation during the course of the OPS pursuant to N.J.A.C. 17:14-1 et seq., the selected firm (the "Consultant") shall submit evidence of DVOB participation in a form acceptable to the Authority, with each invoice for payment. Invoices for payment submitted without the completed DVOB Form will not be processed.

If a Consultant, at any time during the course of an OPS, and for any reason, intends to make any additions, deletions, or substitutions of the DVOB subconsultants listed on the SBE/DVOB Utilization form submitted to the Authority, the Consultant shall submit such proposed changes for approval. Any such proposed changes must comply with the requirements and procedures set forth herein.

A firm submitting a proposal shall take the following action, in accordance with N.J.A.C. 17:14-4.3, in establishing a "good faith effort" to solicit and award subconsultant contracts to eligible DVOBs:

1. Firm shall attempt to locate qualified potential DVOBs.
2. Firm shall consult the DVOB Database if no DVOBs are known to the firm.
3. Firm shall keep all documentation of its efforts, including the names of businesses contacted and the means and results of such contacts; and
4. Firm shall provide all potential subconsultants with detailed information regarding the specifications.

**The Successful Qualified Firm shall maintain adequate records to document its efforts and shall provide same to the Authority upon request.**

### **Subsection C13**

#### **Standard Supplemental Forms to be Submitted**

Qualified Firms shall submit the following completed, executed forms at the time of submission of their Expression of Interest. The following forms are available at [www.njta.com](http://www.njta.com) under *Doing Business, Engineering Professional Services, PS Supplemental Forms*.

### **Subsection C13(a)**

#### **Affidavit of Eligibility/Disclosure of Materials Litigation**

A completed **Affidavit of Eligibility/Disclosure of Material Litigation** form for review by the Authority's legal counsel shall be submitted by firms at the time of submission of their Expression of Interest for each firm, each member of a joint venture and all subconsultants. Each firm, each member of a joint venture and all subconsultants shall certify that it is not suspended, disbarred, or disqualified from bidding on any state or federal contracts. Furthermore, no litigation shall be pending or brought against the firm that could materially affect its ability to perform the OPS described herein. Each firm shall submit a description of all litigation pending, threatened, or brought against it, including any litigation



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against its owners and/or principals; and shall also submit a description of any enforcement actions or penalties pending or assessed by any regulatory agency having jurisdiction over permit compliance, worker health and safety, or labor laws.

**Subsection C13(b)**

**Small Business Enterprise/Disabled Veteran Owned Business**

Firms shall submit a Small Business Enterprise/Disabled Veteran Owned Business (SBE/DVOB) Utilization form at the time of submission of their Technical and Fee Proposals In accordance with the Authority's SBE/DVOB Programs.

**Subsection C13(c)**

**Disclosure of Investment Activities in Iran**

**N.J.S.A. 52:32-58**

A State agency shall require a person or entity that submits a bid or proposal or otherwise proposes to enter into or renew a contract to certify, *prior to the time a contract is awarded* and at the time the contract is renewed, that the person or entity is not identified on the Department of Treasury's List of Persons or Entities Engaging in Prohibited Investment Activities in Iran and that neither is involved in any of the investment activities set forth in N.J.S.A. 52:32-56(f).

The Department of Treasury's Chapter 25 list is found on the State of New Jersey, Department of Treasury, Division of Purchase and Property website at <http://www.state.nj.us/treasury/purchase/pdf/Chapter25List.pdf>. Proposers must review this list prior to completing the certification. If the Authority finds a person or entity to be in violation of the law, such person or entity shall take action as may be appropriate and provided by law, rule or contract, including but not limited to, imposing sanctions, seeking compliance, recovering damages, declaring the party in default and seeking debarment or suspension of the party.

**\*Note:** While the Authority acknowledges that, pursuant to N.J.S.A. 52:32-58 et seq. this certification is required prior to award of any contract, the Authority requests that Qualified Firms complete and submit the form entitled "Disclosure of Investment Activities in Iran" at the time of submission of their Expression of Interest.

**Subsection C13(d)**

**Prohibited Activities in Russia or Belarus\*\***

N.J.S.A. 52:32-60.1 et seq. (P.L. 2022, c.3) states that prior to contract award, the awardee must certify that neither the awardee, nor any of its parents, subsidiaries, or affiliates, have engaged in prohibited activities in Russia or Belarus. However, the enforceability of N.J.S.A. 52:32-60.1 et seq. has recently been challenged in the United States District Court for the District of New Jersey. While the State of New Jersey continues to defend the law in court, the certification requirement has been voluntarily suspended pending the outcome of the legal challenge. If the legal challenge is resolved in the State's favor prior to the deadline for submission of EOIs under this procurement, the Authority may issue an addendum requiring submission of a form entitled "Certification of Non-Involvement in Prohibited Activities in Russia or Belarus."

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### **Subsection C13(e)** **Source Disclosure Certification**

Pursuant to N.J.S.A. 52:34-13.2 (Executive Order 129 (2004)), the Authority must consider the requirements of New Jersey's contracting laws, the best interests of the State of New Jersey and its citizens, as well as applicable federal and international requirements.

The Authority shall insure that all Firms seeking to enter into any contract in which services are procured on its behalf must disclose:

- a) The location by country where the services under contract will be performed.
- b) Any subcontracting of services under the contract and the location by country where the subcontracted services will be performed.

This information must be disclosed on the Vendor Source Disclosure Form – N.J.S.A. 52:34-13.2 (Executive Order 129 (2004)), which is available on the Authority's website and returned with your Firm's Expression of Interest (EOI).

### **Subsection C13(f)** **Ownership Disclosure Form**

Pursuant to N.J.S.A. 52:25-24.2, prior to the receipt of the proposal or accompanying the proposal, every corporation or partnership or limited liability company submitting a proposal shall submit a statement setting forth the names and addresses of all stockholders in the corporation who own 10 percent or more of its stock, of any class, or of all individual partners in the partnership who own a 10 percent or greater interest therein, or of all members in the limited liability company who own a 10 percent or greater interest therein, as the case may be. If one or more such stockholder or partner or member is itself a corporation or partnership or limited liability company, the stockholders holding 10 percent or more of that corporation's stock, or the individual partners owning 10 percent or greater interest in that partnership, or the members owning 10 percent or greater interest in that limited liability company, as the case may be, shall also be listed. The disclosure shall be continued until names and addresses of every noncorporate stockholder, and individual partner, and member exceeding the 10 percent ownership criteria established in this act, has been listed.

To comply with this section, a bidder with any direct or indirect parent entity which is publicly traded may submit the name and address of each publicly traded entity and the name and address of each person that holds a 10 percent or greater beneficial interest in the publicly traded entity as of the last annual filing with the federal Securities and Exchange Commission or the foreign equivalent, and, if there is any person that holds a 10 percent or greater beneficial interest, also shall submit links to the websites containing the last annual filings with the federal Securities and Exchange Commission or the foreign equivalent and the relevant page numbers of the filings that contain the information on each person that holds a 10 percent or greater beneficial interest

Each Qualified Firm shall submit a completed Ownership Disclosure form with the Technical and Fee Proposals

### **Subsection C13(g)** **Business Registration Act**

Proof of valid business registration with the State of New Jersey Department of the Treasury, Division of Revenue and Enterprise Services, shall be submitted by the Successful Qualified Firm prior to award of any OPS pursuant to this RFEOI in the form of a valid Business Registration Certificate (BRC) in compliance with N.J.S.A. 52:32-44, as amended. No OPS shall be awarded without proof of business registration with the Division of Revenue and Enterprise

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Services. Proposers who are registered can go to [https://www1.state.nj.us/TYTR\\_BRC/jsp/BRCLoginJsp.jsp](https://www1.state.nj.us/TYTR_BRC/jsp/BRCLoginJsp.jsp) to obtain a copy of their BRC. If a Proposer is not registered, it can obtain information for registering its business with the New Jersey Division of Revenue by visiting the following link: <https://www.state.nj.us/treasury/revenue/busregcert.shtml>. Questions regarding this requirement should be referred to the Division of Revenue hotline @ 609-292- 9292.

A business organization that fails to provide a copy of a business registration as required pursuant to N.J.S.A. 52:32-44 et seq. or that provides false information of business registration, shall be liable for a penalty of \$25 for each day of violation, not to exceed \$50,000 for each business registration copy not properly provided under a contract with a contracting agency.

**\*\*\*Note:** While the Authority acknowledges that, pursuant to N.J.S.A. 52:32-44 et seq., a BRC is required prior to award of any contract, the Authority requests that Qualified Firms submit their BRCs at the time of submission of their Expression of Interest.

### **Subsection C13(h)** **Set-Off for State Tax**

Pursuant to P.L. 1995, c. 159, effective January 1, 1996 and codified at N.J.S.A. 59:49-19 and N.J.S.A. 59:49-20, and notwithstanding any provision of law to the contrary, whenever any taxpayer, partnership or S corporation under contract to provide goods or services or construction projects to the State of New Jersey or its agencies or instrumentalities, including the legislative and judicial branches of State government, is entitled to payment for those goods and services or construction projects, at the same time a taxpayer, partner or shareholder of that entity is indebted for any State tax, the Director of the Division of Taxation shall seek to set off that taxpayer's, partner's or shareholder's share of the payment of that indebtedness. The amount set off shall not allow for the deduction of any expenses or other deductions that might be attributable to the taxpayer, partner or shareholder subject to set-off.

The Division of Taxation may initiate procedures to set off the tax debt of a specific vendor upon the expiration of ninety (90) days after either the issuance by the Division of a notice and demand for payment of any state tax owed by the taxpayer or the issuance by the Division of a final determination on any protest filed by the taxpayer against an assessment or final audit determination. A set-off reduces the contract payment due to a vendor by the amount of that vendor's state tax indebtedness or, in the case of a vendor-partnership or vendor-S corporation, by the amount of state tax indebtedness of any member-partner or shareholder of the partnership or S corporation, respectively. N.J.A.C. 18:2-8.3.

The Director of the Division of Taxation shall give notice of the set-off to the taxpayer, partner or shareholder and shall provide an opportunity for a hearing within thirty (30) days of such notice under the procedures for protests established under N.J.S.A. 54:49-18. No requests for conference, protest, or subsequent appeal to the Tax Court from any protest permitted under N.J.S.A. 59:49-19 shall stay the collection of the indebtedness. Interest that may be payable by the State to the taxpayer, pursuant to L.1987, c. 184 (N.J.S.A. 52:32-35), shall be stayed.

Qualified firms are requested to complete and submit a State Tax Set-Off form.

### **Subsection C13(i)** **Affidavit of Moral Integrity**

Firms shall complete, sign, and submit a notarized Affidavit of Moral Integrity form together with submission of their Expression of Interest.

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**Subsection C13(j)**

**Disclosure of Outstanding Work**

Firms shall complete and submit the Disclosure Forms for the prime and all subconsultants indicating outstanding work with the Authority with their Expression of Interest.

**Subsection C13(k)**

**Recent Authority Project Experience**

Firms shall complete and submit with their Expression of Interest, the Recent Authority Experience form for the prime Firm and for each subconsultant.

**ATTACHMENT D**

**N.J.A.C. 19:9-2.8 Procedures for Prequalification and Award of Contracts for Architectural, Engineering and Land Surveying Services**

- (a) This section shall apply to contracts for architectural, engineering, and land surveying services that are not subject to N.J.A.C. 19:9-2.2(d), 2.3, or 2.5. The Authority may choose to apply this section to contracts below the public bidding threshold as set forth in N.J.S.A. 27:23-6.1.b in its sole discretion. The Authority may use procurement processes other than those prescribed in this section if those processes have been approved by the Federal government or other State statute, rule, or executive order, or if an emergency has been declared by the Executive Director. Where a procurement involves the proposed use of Federal funds, and Federal law, regulations, or guidelines require a procurement procedure other than those prescribed in this section, the Authority shall follow the Federal procedures. All procedures provided for herein that are consistent with Federal requirements shall be followed.
- (b) The following words and terms, when used in this section, shall have the following meanings, unless the context clearly indicates otherwise.

"Complex projects" means projects other than "simple projects," and includes most projects involving transportation, planning or complex design, or any project having an estimated fee over \$ 2,000,000.

"Director" means either the Chief Engineer, Director of Operations, or Director of Maintenance, depending on whether the contract emanates from the Engineering Department, Operations Department, or the Maintenance Department.

"EOI" means an expression of interest from firms interested in performing professional architectural, engineering and land surveying services for the Authority.

"Firm" means any individual, firm, partnership, corporation, association, joint venture or other legal entity permitted by law to provide professional architectural, engineering or land surveying services in this State.

"Professional architectural, engineering, and land surveying services" means those services, including, but not limited to, planning, design, environmental, and construction inspection services required for the development and construction of projects, within the scope of the practice of architecture, professional engineering, or professional land surveying as defined by the laws of this State or those services performed by an architect, professional engineer, or professional land surveyor in connection with his or her professional employment practice, and which are subject to N.J.S.A. 52:34-9.1 et seq.

"Review committee" means the committee assigned to review a contract for professional architectural, engineering and land surveying services, which shall include at least three persons designated by the Director and approved by the Executive Director.

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"Simple projects" means projects or other engineering services where the scope can be clearly defined and is not likely to change during the course of the project where the estimated fee is \$ 2,000,000 or less. Simple projects include, but are not limited to, bridge inspection projects, supervision of construction projects and highway and bridge design projects with an estimated fee of \$ 2,000,000 or less.

"Technical Review Committee" means the committee assigned to review a contract for professional architectural, engineering, and land surveying services, which shall include at least three persons designated by the Director and approved by the Executive Director.

**(c)** Professional services prequalification requirements shall be as follows:

1. A firm interested in a contract for professional architectural, engineering, or land surveying services shall complete and file a "Professional Service Prequalification Questionnaire" ("PSPQ") with the Authority. Firms qualified for a particular type of project based on the Authority's evaluation of the PSPQs will be eligible for consideration when such projects are being contracted for by the Authority without having to present their qualifications on a project-specific basis.
2. For the procurement of general consultants, rather than a project-specific procurement, the procedures relating to prequalification of firms may be modified to address the needs and requirements of the Authority.
3. Each firm shall identify on the PSPQ each type of work for which the firm desires prequalification. All PSPQs shall contain the following information:
  - i. Current and past projects undertaken by the firm;
  - ii. The nature of services provided on each project;
  - iii. The qualifications of the professionals employed by the firm; and
  - iv. Other information which the Authority may determine necessary to assess the firm's qualifications.
4. A firm shall notify the Authority in writing of any substantial change in the information on its PSPQ when such change occurs. A firm shall have a current PSPQ on file with the Authority on the date of the EOI submittal in order to be considered for a project. For purposes of this section, a current PSPQ is one which has been on file with the Authority for no more than 24 months.

**(d)** Expression of interest (EOI) solicitation and/or advertisement shall be as follows:

1. A Request for EOIs (RFEOI) shall be advertised in an appropriate newspaper or journal, having a large circulation in the State and/or advertised on the Authority's website, [www.nj.gov/turnpike](http://www.nj.gov/turnpike), or through other electronic means. Such advertisements shall be published not less than seven calendar days preceding the date upon which the EOIs are to be received. The RFEOI shall identify the scope of services required from the

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prequalified firms and the evaluation process to be used for the project. When the Authority seeks to engage more than one firm through a single RFEOI, the number of firms that the Authority intends to engage shall be identified in the RFEOI.

2. When general consultant services are needed, the Authority shall establish a list of criteria that firms must meet in order to be sent an RFEOI for the general consultant contract. Firms that meet such criteria shall be sent an RFEOI.

**(e)** Evaluation of EOIs shall be as follows:

1. Upon receipt of the EOIs, the Authority shall review the EOIs for completeness and shall reject those EOIs which are incomplete. The Authority shall notify all firms whose EOIs are determined to be incomplete in writing. For all projects, if fewer than three EOIs are deemed complete, the EOI solicitation may be rewritten and/or re-solicited, or the procurement may continue with fewer than three firms, as determined by the Executive Director, in consultation with the Director.
2. For simple projects, the technical evaluation process shall consist of the evaluation of EOIs in accordance with the procedures set forth in this section.
3. For complex projects, the evaluation of EOIs shall serve as a method by which to create a list of firms that shall receive the requests for proposals (RFP) for the project. If only three or four EOIs have been deemed complete by the Authority, these firms shall receive the RFP and the Technical Review Committee will not conduct an evaluation of the EOIs as set forth below. If more than four EOIs have been deemed complete, the EOIs shall be submitted to the Technical Review Committee for review as set forth in (e)4 below.
4. The EOIs shall be ranked by the Technical Review Committee on the basis of numerical scores resulting from weighted rating factors. These factors will be weighted in proportion to their relative importance on a project-by-project basis. The relative weight attributed to each rating factor for a particular project and the ranking methodology shall be set forth in the RFEOI. In ranking the EOIs, the Technical Review Committee may consider criteria contained in the RFEOI, including, but not limited to:
  - i. Experience of the firm on similar projects;
  - ii. Experience of the Project Manager or Resident Engineer on similar projects;
  - iii. Key personnel's qualifications and relevant experience;
  - iv. Understanding of the project and the Authority's needs;
  - v. Approach to the project;
  - vi. Commitment and ability to perform the proposed work and outstanding work with the Authority;
  - vii. Commitment to quality management;
  - viii. Attainment of Small Business Enterprise goals; and
  - ix. Any other factors specified in the Authority's EOI solicitation.

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5. For simple projects, once the Technical Review Committee has ranked the EOIs, it shall require the top three or more technically ranked firms, which number of firms shall be at the discretion of the Director, to provide their proposed fees in a separate envelope. The firms shall not be told of their ranking position at this time. The selection process shall continue in the manner described in (g) below. If a particular simple project warrants, the Director may elect to issue an RFP and the selection process shall proceed in accordance with the process for complex projects.
6. For complex projects, after the evaluation and ranking of the EOIs, no fewer than the top three ranked firms shall receive an RFP. All firms that are not to receive the RFP shall be notified.
7. When the Authority is seeking to engage more than one firm through a single solicitation of EOIs, following the Technical Review Committee's evaluation of the EOIs, it shall prepare a list of a sufficient number of technically qualified firms to enable the Authority to engage the number of firms identified in the RFEOI. If the Technical Review Committee is unable to prepare a list of technically qualified firms in a sufficient number to negotiate with and engage the number of firms identified in the RFEOI, the Authority shall reduce the number of firms it is seeking to engage through the EOI, and/or reissue the RFEOI in whole or in part. The Technical Review Committee shall negotiate with firms in the same manner as described in (g) below.

**(f)** Requests for Proposals (RFPs) shall be evaluated as follows:

1. Responses to the RFP shall be comprised of the technical proposal and fee proposal. The firms receiving the RFP shall be directed to submit a detailed fee proposal in a separate sealed envelope at the time of submission of the technical proposal.
2. The Technical Review Committee shall evaluate the technical proposals submitted to the Authority. The Technical Review Committee shall rank the technical proposals on the basis of numerical scores using the rating criteria specified in the RFP. The relative weight attributed to each rating factor and the methodology for ranking firms shall be set forth in the RFP.
3. The Technical Review Committee may require an interview and/or presentation by the firms with the highest ranked proposals. The Director, in his or her discretion, may waive this requirement for a particular project. Subsequent to the interview and/or presentation, the Technical Review Committee shall revisit its technical ranking of the firms, re-score as appropriate and shall thereupon recommend the highest ranked firms to the Director, or the Executive Director if the Director was a member of the Technical Review Committee.

**(g)** Cost negotiation and final selection shall be as follows:

1. For all projects, upon reviewing the Technical Review Committee's recommendation, the Director or the Executive Director shall either concur with the selections or direct the Technical Review Committee to pursue additional evaluation measures, consistent with the EOI solicitation or RFP, which shall be specified in writing by the Director or the Executive Director.
2. Once the selections are approved, the selected firms' fee proposals will be reviewed by the Technical Review Committee. The Executive Director may add one or more persons to the



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Technical Review Committee to assist in the negotiation process. Using all fee proposals and the engineer's estimate as a guideline, the Technical Review Committee shall negotiate a fair and reasonable fee with the highest technically ranked firm, taking into consideration all relevant factors, including, but not limited to, the estimated value of the services to be rendered and the scope, complexity, and professional nature thereof. If the Technical Review Committee is unable to negotiate a fair and reasonable fee with the highest technically ranked firm, it shall formally terminate negotiations and undertake negotiations with the second highest technically ranked firm. Failing accord with the second highest technically ranked firm, the Technical Review Committee shall formally terminate negotiations and undertake negotiations with the third highest technically ranked firm. If the Technical Review Committee is unable to negotiate successfully with any of the three highest technically ranked firms, it shall select additional professional firms in order of their competence and qualifications and it shall continue negotiations in accordance with the procedure set forth herein until an agreement is reached. The Executive Director, upon consultation with the Director, may direct the Technical Review Committee to re-solicit the contract. Once a final fee is agreed upon, the Technical Review Committee shall make its recommendation to the Director.

3. The Technical Review Committee in consultation with the Director shall prepare a written report outlining its recommendations and activities in reviewing, negotiating, and selecting the recommended firm. The Director shall submit the Technical Review Committee's report to the Executive Director.
4. If the Executive Director concurs with the recommendation, the Executive Director shall recommend to the Board, in writing, that the firm be issued an Order for Professional Service.
5. If the Executive Director is not satisfied with the recommendation, he or she may:
  - i. Instruct the Technical Review Committee to submit further support for its recommendation;
  - ii. Direct the Technical Review Committee to re-negotiate the fee; or
  - iii. Instruct the Director to re-solicit the contract.

*N.J. Admin. Code § 19:9-2.8*

Amended by 49 N.J.R. 3236(b), effective 9/18/2017