



January 18, 2018

Al-Ani Walid
Stantec Consulting Michigan Inc.
3754 Ranchero Drive
Ann Arbor, MI 48108-2771

Subject: Ann Arbor, MI, Access to MDOT Property for Site Visit for the Barton Raw Water Pump Station Improvement Project (42" Sanitary Sewer Pipeline Under the Railroad Tracks at MP 39.0±)
Temporary Permit to Enter Upon Property (PTE) File: E-47-S-975 (Rev. 2)

Dear Mr. Walid:

This is in reference to your email dated January 12, 2017. Enclosed are two signed copies of Amtrak's Temporary Permit to Enter Upon Property, which, when fully executed, will supersede the previously executed PTE File E-47-S-975 Revision 1 dated October 6, 2017. Please sign and return one copy for our files with a check covering the \$20,328.00 increase in force account estimate (from \$5,642.00 to \$25,970.00).

Please note that this permit expands section 1 to include plan review and does not authorize any construction. All other terms and conditions, including expiration date of October 5, 2018, shall remain the same except for the expansion of section 1 and the revised Force Account Estimate, which is attached to the revised PTE.

If you have any questions regarding this matter please contact Kathy Haywood, Project Manager II, on 215-349-4367.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Kolonauski".

Michael Kolonauski
Senior Manager Engineering

Enclosures

cc: S. Bates – MDOT
L. Chaimowitz – City of Ann Arbor
J. Cleveland – MDOT
K. Jewison – Stantec
N. Johnson – MDOT
R. Lippert – MDOT

**National Railroad Passenger Corporation
30th Street Station, Mail Box 64
2955 Market Street
Philadelphia, PA 19104**

Temporary Permit to Enter Upon MDOT's Michigan Line Property (PTE) Return Checklist

Please return this completed checklist along with all documents and checks in one complete package. Failure to include all required documents may result in delays in processing your permit.

- 1. One (1) fully executed PTE Revision 2 with original signatures (both Amtrak & yours) on page 4.
- 2. Check payable to "National Railroad Passenger Corporation" to cover the amount of:

\$20,328.00 – Force Account Increase
- 3. If the temporary permit includes a requirement for review and approval of plans, submit signed and sealed plans for Amtrak Engineering review. If this will take more than a week for you to submit plans, please return all other items in the checklist and check off the box below so that Amtrak can begin processing the permit ahead of receipt of the plans.
 - Signed and sealed plans to be submitted under separate cover.
- 4. Return all items, including this checklist, to:

Kathryn Haywood, Project Manager II
National Railroad Passenger Corporation
30th Street Station, Mail Box 64
2955 Market Street
Philadelphia, PA 19104-2817
(215) 349-4367



AMTRAK
Engineering
30th and Market Streets – 3 North – Box 15
Philadelphia, PA 19104

Contractor Orientation Training Request

Starting January 2017, the cost of computer based training will increase to \$25.00 per person. This training can be completed at www.amtrakcontractor.com and requires participants to register on the website before accessing the course. The course is available 24 hours / 7 days per week. Participants completing this course are required to be able to **Read, Comprehend and Demonstrate in English their understanding of the materials presented, as well as all the safety instructions, briefings and warnings.** Before taking this course, participants will be required to provide a current photo and have the capability of uploading the photo electronically. At the end of this course, participants are required to pass a comprehensive test to receive a temporary certificate that is valid for fifteen days. A Photo ID card, which is valid for one calendar year from the date of issue, will be mailed to the participant. Each participant will be given three (3) opportunities to pass the test. If unable to pass on the 3rd attempt, the participant will be unable to retake the test for 30 days.

The safety of Amtrak's passengers and all employees working on the property (Amtrak and Contractor personnel) remains our highest priority. For your protection, Amtrak requires that your employees comply with all safety regulations ("Specifications Regarding Safety and Protection of the Railroad Traffic Property").

All contractors must notify the Amtrak Project Manager or Engineer assigned to your project before entering onto railroad property and before coming within twenty-five (25 feet) of the centerline of the track or energized wire. Amtrak's Project Manager or Engineer assigned to your project will assist you with obtaining a temporary "Permit to Enter upon Property" and will arrange for protection if needed. All permits to enter Amtrak property are obtained by contacting the Director of I & C Projects. Safety violations will result in the immediate suspension of work within the railroad's property limits.

Thank You

Amtrak Engineering

NATIONAL RAILROAD PASSENGER CORPORATION
TEMPORARY PERMIT TO ENTER UPON STATE OF
MICHIGAN PROPERTY C.E.-17 (REVISED 3/15/13)

Date: January 18, 2018
File: E-47-S-975 (Rev. 2)
Internal Order: 4100
WBS Element: BEN.100086.0183

ATTN: Al-Ani Walid

1. TEMPORARY PERMISSION. Temporary permission is hereby granted to Stantec Consulting Michigan Inc., 3754 Ranchero Drive, Ann Arbor, MI 48108-2771 (hereinafter called "Permittee"), to enter property owned by the State of Michigan (hereinafter called "State") and operated, maintained and managed by the National Railroad Passenger Corporation (hereinafter called "Railroad"), for the purpose of a site visit for the Barton Raw Water Pump Station Improvement Project at City of Ann Arbor, State of Michigan, under the terms and conditions set forth below.

- In addition to the \$1,250.00 Temporary Permit preparation fee and the \$125.00 Railroad Protective Liability Insurance waiver fee, Permittee is required to pay in advance Amtrak's Force Account costs estimated at \$25,970.00 as detailed in the attached Force Account Estimate.
- Amtrak shall be paid a management fee equal to ten percent of the total estimated cost. This fee will be assessed in the first invoice.
- Construction work related to this project may commence subsequent to Amtrak's written approval of the project plans and execution of the then current Temporary Permit to Enter Upon State of Michigan Property by the Contractor.

2. LOCATION AND ACCESS. (Give map reference, description or both)

MP 39.0±, western side of Barton Nature Area, Ann Arbor, MI

(hereinafter called "Property").

3. INDEMNIFICATION. Permittee shall defend, indemnify and hold harmless the State, Railroad, their officers, directors, employees, agents, servants, successors, assigns and subsidiaries, irrespective of their negligence or fault, from and against any and all losses and liabilities, penalties, fines, forfeitures, demands, claims, causes of action, suits, costs and expenses (including cost of defense and attorneys' fees), which any or all of them may hereafter incur, be responsible for, or pay as a result of injury, death, disease, or occupational disease to any person, and for damage (including environmental contamination and loss of use) to or loss of any property, including property of State and of Railroad, arising out of or in any degree directly or indirectly caused by or resulting from activities of or work performed by Permittee, its officers, employees, agents, servants, contractors, subcontractors, or any other person acting for or by permission of Permittee. The foregoing obligation shall not be limited by the existence of any insurance policy or by any limitation on the amount or type of damages, compensation, or benefits payable by or for Permittee or any contractor or subcontractor, and shall survive the termination of this Temporary Permit for any reason. As used in this paragraph, the term "Railroad" also includes all commuter agencies and other railroads with rights to operate over State property, and their respective officers, directors, employees, agents, servants, successors, assigns and subsidiaries.

4. CONSIDERATION FOR PREPARATION OF TEMPORARY PERMIT. Permittee will pay to Railroad the sum of One Thousand Two Hundred and Fifty Dollars (\$1,250.00) as compensation for the preparation of this Temporary Permit. This fee is to be delivered to Railroad at the address set forth in paragraph 17 hereof.

5. STARTING OF USE OF PROPERTY. Permittee shall notify Railroad's Deputy Chief Engineer-

Construction, or his designee, at least ten (10) days in advance before entering upon, or starting any work on, the Property. No entry upon or use of the Property will be permitted until a fully executed copy of this Temporary Permit is returned to Railroad, and specific permission to enter upon the Property is received by Permittee from Railroad's Senior Manager Engineering. (See paragraph 17 for contact information.)

6. RAILROAD OPERATIONS. All activities performed by or on behalf of Permittee shall be performed so as not to interfere with Railroad's operations or with any of Railroad's facilities. In no event shall personnel, equipment or material cross a track or tracks without special advance permission from Railroad's Deputy Chief Engineer-Construction or his designee. If, in the opinion of Railroad's Deputy Chief Engineer-Construction or his designee, conditions warrant at any time, Railroad will provide flag service and/or other protection at the sole cost and expense of Permittee, and Permittee agrees to pay to Railroad the full cost and expense therefor.

7. CLEARANCES. All equipment and material of Permittee shall be kept at all times not less than fifteen (15) feet from the centerline of the outside track, unless specifically otherwise authorized in writing by Railroad's Deputy Chief Engineer-Construction or his designee. Permittee shall conduct all operations so that no part of any equipment shall foul an operated track; transmission, communication or signal line; or any other structure or facility of Railroad.

8. RESTORATION OF PREMISES. Upon completion of its work, Permittee shall, at the option of Railroad, (a) leave the Property in a condition satisfactory to Railroad, or (b) restore the Property to its original condition. This may include, without limitation, the restoration of any fences removed or damaged by Permittee.

9. TERM OF TEMPORARY PERMIT. This Temporary Permit shall commence on the date Railroad receives a fully executed copy of this Temporary Permit pursuant to paragraph 17 hereof and shall extend until the end of the period Railroad determines is necessary for Permittee to accomplish the purpose set forth in paragraph 1 hereof; provided, however, Railroad reserves the right to revoke this Temporary Permit at any time, and in no event shall this Temporary Permit extend beyond October 5, 2018. Under no circumstances shall this Temporary Permit be construed as granting to Permittee any right, title or interest of any kind in any property of State or of Railroad.

10. PROTECTION. All work on, over, under, within or adjacent to the Property shall be performed in accordance with the document entitled "SPECIFICATIONS REGARDING SAFETY AND PROTECTION OF RAILROAD TRAFFIC AND PROPERTY," a copy of which is attached hereto as Attachment A and incorporated herein by reference.

11. INSURANCE. Before Permittee commences any work on, over, under, within or adjacent to the Property, Permittee and its contractors (unless Permittee opts to provide the required coverage for them), shall furnish to Railroad's Senior Manager Engineering, evidence of the insurance coverages specified in the document entitled "INSURANCE REQUIREMENTS - NATIONAL RAILROAD PASSENGER CORPORATION," a copy of which is attached hereto as Attachment B and incorporated herein by reference.

12. SAFETY ORIENTATION CLASS. No person may enter within twenty-five (25) feet of the Property until he/she has attended Railroad's Safety Orientation Class, as noted in paragraph 12 of Attachment A.

13. COMPLIANCE BY CONTRACTORS. Permittee shall take all steps necessary to ensure that its contractors and subcontractors comply with the terms and conditions of this Temporary Permit.

14. SUPPORT SERVICES; COSTS; PAYMENTS. Railroad shall not be responsible for any costs

incurred by Permittee in relation to any matter whatsoever. Permittee is required to reimburse Railroad for all costs incurred by Railroad in relation to this Temporary Permit. Without limiting the foregoing, Permittee is required to reimburse Railroad for all costs incurred by Railroad in connection with the review of any plans, drawings or other submissions made by Permittee.

Railroad's costs, expenses and labor charges will be billed to Permittee at Railroad's standard force account rates. Except as specified in paragraphs 1 and 4 hereof, all payments due from Permittee to Railroad under this Temporary Permit shall be due and payable within thirty (30) days from the date of invoice. Permittee shall have no right to set off against any payment due under this Temporary Permit any sums which Permittee may believe are due to it from Railroad for any reason whatsoever. In the event that Permittee shall fail to pay, when due, any amount payable by it under this Temporary Permit, Permittee shall also pay to Railroad, together with such overdue payment, interest on the overdue amount at an annual rate of six (6) percentage points over and above the rate published from time to time by *The Wall Street Journal* as the prime commercial lending rate (or the highest rate allowed by law, if less than the foregoing), calculated from the date the payment was due until paid. All payments due from Permittee to Railroad hereunder shall be: (a) made by check drawn from currently available funds; (b) deemed made only upon receipt by Railroad of collected funds; (c) made payable to National Railroad Passenger Corporation; and (d) delivered to the National Railroad Passenger Corporation, 23615 Network Place, Chicago, IL 60673-1236. (However, the permit fee referenced in paragraph 4 hereof and the Railroad Protective Liability premium referenced in Attachment B, if applicable, shall be delivered to Railroad at the address set forth in paragraph 17 hereof.) All payment obligations of Permittee under this Temporary Permit shall survive the termination or expiration of this Temporary Permit.


15. ENVIRONMENTAL AND GEOTECHNICAL TESTS AND STUDIES. Permittee shall not perform any environmental or geotechnical tests or studies (e.g., air, soil or water sampling) unless specifically identified and authorized in paragraph 1 of this Temporary Permit. If any such tests or studies are performed, Permittee shall promptly furnish to Railroad, at no cost, a copy of the results including any reports or analyses obtained or compiled. Except as may be required by applicable law or as authorized by Railroad in writing, Permittee shall not disclose the results of any such tests or studies to anyone other than Railroad or Permittee's client. Failure to comply with the provisions of this clause shall result in immediate termination of this Temporary Permit and forfeiture of all compensation paid Railroad therefor.

16. SEVERABILITY. If any provision of this Temporary Permit is found to be unlawful, invalid or unenforceable, that provision shall be deemed deleted without prejudice to the lawfulness, validity and enforceability of the remainder of the Temporary Permit.

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17. ACCEPTANCE. To confirm acceptance of this Temporary Permit, one fully executed copy must be returned to: Senior Manager Engineering, National Railroad Passenger Corporation, 30th Street Station, 2955 Market Street, Mail Box 64, Philadelphia, PA 19104 (215/349-1750). The second copy may be retained for your file.

NATIONAL RAILROAD PASSENGER CORPORATION

By: 
For Deputy Chief Engineer - Construction

Date: 1/19/18

AGREED TO AND ACCEPTED:

STANTEC CONSULTING MICHIGAN INC.

By: _____
(signature)

Title: _____
Must be an Owner/Partner or
duly authorized representative

Date: _____

JS/MK/KH 
MK

cc: State of Michigan, acting by and through its Department of Transportation
Attn: Shaun Bates

ATTACHMENT A
Temporary Permit to Enter Upon Property

SPECIFICATIONS REGARDING SAFETY
AND PROTECTION OF RAILROAD TRAFFIC AND PROPERTY (Revised 10/1/12)

National Railroad Passenger Corporation (Railroad)

In the following Specifications, "Railroad" shall mean National Railroad Passenger Corporation; "Chief Engineer" shall mean Railroad's Chief Engineer or his/her duly authorized representative; "Permittee" shall mean the party so identified in the Temporary Permit to Enter Upon Property; and "Contractor" shall mean the entity retained by the Permittee or the entity with whom Railroad has contracted in a Preliminary Engineering Agreement, Design Phase Agreement, Construction Phase Agreement, Force Account Agreement, or other such agreement, as applicable. Reference to "Permittee/Contractor" includes both the Permittee and the Contractor.

- (1) Pre-Entry Meeting: Before entry of Permittee/Contractor onto Railroad's property, a pre-entry meeting shall be held at which time Permittee/Contractor shall submit for written approval of the Chief Engineer, plans, computations, a Site Specific Safety Work Plan and site-specific work plans that include a detailed description of proposed methods for accomplishing the work and protecting railroad traffic. Any such written approval shall not relieve Permittee/Contractor of its complete responsibility for the adequacy and safety of its operations.
- (2) Rules, Regulations and Requirements: Railroad traffic shall be maintained at all times with safety and continuity, and Permittee/Contractor shall conduct its operations in compliance with all rules, regulations, and requirements of Railroad (including these Specifications) with respect to any work performed on, over, under, within or adjacent to Railroad's property. Permittee /Contractor shall be responsible for acquainting itself with such rules, regulations and requirements. Any violation of Railroad's safety rules, regulations, or requirements shall be grounds for the immediate suspension of Permittee/Contractor work, and the re-training of all personnel, at Permittee's/Contractor's expense.
- (3) Maintenance of Safe Conditions: If tracks or other property of Railroad are endangered during the work, Permittee/Contractor shall immediately take such steps as may be directed by Railroad to restore safe conditions, and upon failure of Permittee/Contractor to immediately carry out such direction, Railroad may take whatever steps are reasonably necessary to restore safe conditions. All costs and expenses of restoring safe conditions, and of repairing any damage to Railroad's trains, tracks, right-of-way or other property caused by the operations of Permittee/Contractor, shall be paid by Permittee.
- (4) Protection in General: Permittee/Contractor shall consult with the Chief Engineer to determine the type and extent of protection required to ensure safety and continuity of railroad traffic. Any Inspectors, Track Foremen, Track Watchmen, Flagmen, Signalmen, Electric Traction Linemen, or other employees deemed necessary by Railroad, at its sole discretion, for protective services shall be obtained from Railroad by Permittee/Contractor. The cost of same shall be paid directly to Railroad by Permittee/Contractor. The provision of such employees by Railroad, and any other precautionary measures taken by Railroad, shall not relieve Permittee/Contractor from its complete responsibility for the adequacy and safety of its operations.
- (5) Protection for Work Near Electrified Track or Wire: Whenever work is performed in the vicinity of electrified tracks and/or high voltage wires, particular care must be exercised, and Railroad's requirements regarding clearance to be maintained between equipment and tracks and/or energized wires, and otherwise regarding work in the vicinity of electrified tracks, must be strictly observed. No employees or equipment will be permitted to work near overhead wires, except when protected by a Class

A employee of Railroad. Permittee/Contractor must supply an adequate length of grounding cable (4/0 copper with approved clamps) for each piece of equipment working near or adjacent to any overhead wire.

(6) Fouling of Track or Wire: No work will be permitted within twenty-five (25) feet of the centerline of track or the energized wire or have potential of getting within twenty-five (25) feet of track wire without the approval of the Chief Engineer. Permittee/Contractor shall conduct its work so that no part of any equipment or material shall foul an active track or overhead wire without the written permission of the Chief Engineer. When Permittee /Contractor desires to foul an active track, it must provide the Chief Engineer with its site-specific work plan a minimum of twenty-one (21) working days in advance, so that, if approved, arrangements may be made for proper protection of Railroad. Any equipment shall be considered to be fouling a track or overhead wire when located (a) within fifteen (15) feet from the centerline of the track or within fifteen (15) feet from the wire, or (b) in such a position that failure of same, with or without a load, would bring it within fifteen (15) feet from the centerline of the track or within fifteen (15) feet from the wire and requires the presence of the proper Railroad protection personnel.

If acceptable to the Chief Engineer, a safety barrier (approved temporary fence or barricade) may be installed at fifteen (15) feet from centerline of track or overhead wire to afford the Permittee/Contractor with a work area that is not considered fouling. Nevertheless, protection personnel may be required at the discretion of the Chief Engineer.

(7) Track Outages: Permittee/Contractor shall verify the time and schedule of track outages from Railroad before scheduling any of its work on, over, under, within, or adjacent to Railroad's right-of-way. Railroad does not guarantee the availability of any track outage at any particular time. Permittee/Contractor shall schedule all work to be performed in such a manner as not to interfere with Railroad operations. Permittee/Contractor shall use all necessary care and precaution to avoid accidents, delay or interference with Railroad's trains or other property.

(8) Demolition: During any demolition, Permittee/Contractor must provide horizontal and vertical shields, designed by a Professional Engineer registered in the state in which the work takes place. These shields shall be designed in accordance with Railroad's specifications and approved by Railroad, so as to prevent any debris from falling onto Railroad's right-of-way or other property. A grounded temporary vertical protective barrier must be provided if an existing vertical protective barrier is removed during demolition. In addition, if any openings are left in an existing bridge deck, a protective fence must be erected at both ends of the bridge to prohibit unauthorized persons from entering onto the bridge.

Ballasted track structure shall be kept free of all construction and demolition debris.

(9) Equipment Condition: All equipment to be used in the vicinity of operating tracks shall be in "certified" first-class condition so as to prevent failures that might cause delay to trains or damage to Railroad's property. No equipment shall be placed or put into operation near or adjacent to operating tracks without first obtaining permission from the Chief Engineer. Under no circumstances shall any equipment or materials be placed or stored within twenty-five (25) feet from the centerline of an outside track, except as approved by Railroad in accordance with Permittee's/Contractor's Site Specific Safety Work Plan. To ensure compliance with this requirement, Permittee/Contractor must establish a twenty-five (25) foot foul line prior to the start of work by either driving stakes, taping off or erecting a temporary fence, or providing an alternate method as approved by the Chief Engineer. Permittee/Contractor will be issued warning stickers which must be placed in the operating cabs of all equipment as a constant reminder of the twenty-five (25) foot clearance envelope.

(10) Storage of Materials and Equipment: No material or equipment shall be stored on Railroad's property without first having obtained permission from the Chief Engineer. Any such storage will be on

the condition that Railroad will not be liable for loss of or damage to such materials or equipment from any cause.

If permission is granted for the storage of compressed gas cylinders on Railroad property, they shall be stored a minimum of 25 feet from the nearest track in an approved lockable enclosure. The enclosure shall be locked when the Permittee/Contractor is not on the project site.

(11) Condition of Railroad's Property: Permittee/Contractor shall keep Railroad's property clear of all refuse and debris from its operations. Upon completion of the work, Permittee/Contractor shall remove from Railroad's property all machinery, equipment, surplus materials, falsework, rubbish, temporary structures, and other property of Permittee/Contractor and shall leave Railroad's property in a condition satisfactory to the Chief Engineer.

(12) Safety Training: All individuals, including representatives and employees of Permittee/Contractor, before entering onto Railroad's property and before coming within twenty-five (25) feet of the centerline of the track or energized wire must first attend Railroad's Contractor Orientation Computer Based Training Class. The Contractor Orientation Class will be provided electronically @www.amtrakcontractor.com. Upon successful completion of the course and test, the individual taking the course will receive a temporary certificate without a photo that is valid for three weeks. The individual must upload a photo of himself/herself that will be embedded in the permanent ID card. The photo ID will be mailed to the individual's home address and must be worn/displayed while on Railroad property. Training is valid for one calendar year. All costs of complying with Railroad's safety training shall be at the sole expense of Permittee/Contractor. Permittee /Contractor shall appoint a qualified person as its Safety Representative. The Safety Representative shall continuously ensure that all individuals comply with Railroad's safety requirements. All safety training records must be maintained with the Permittee's/Contractor's site specific work plan.

(13) No Charges to Railroad: It is expressly understood that neither these Specifications, nor any document to which they are attached, include any work for which Railroad is to be billed by Permittee/Contractor, unless Railroad makes a specific written request that such work be performed at Railroad's expense.

EXHIBIT B
**Temporary Permit to Enter Upon Property
Maintenance and Repair Contractors**

INSURANCE REQUIREMENTS
NATIONAL RAILROAD PASSENGER CORPORATION (Amtrak)
Revised as of June 23, 2017

DEFINITIONS

In these Insurance Requirements "State" shall mean State of Michigan, "Railroad" or "Amtrak" shall mean National Railroad Passenger Corporation and as appropriate, its subsidiary Washington Terminal Company ("WTC"). "Contractor" shall mean the party identified as "Permittee" in the Temporary Permit to Enter Upon Property Agreement or the party with whom Amtrak has contracted in the Preliminary Engineering Agreement or Force Account Agreement, as well as its officers, employees, agents, servants, contractors, subcontractors, or any other person acting for or by permission of Permittee or Contractor. "Operations" shall mean activities of or work performed by Contractor. "Agreement" shall mean the Temporary Permit to Enter Upon Property Agreement, Preliminary Engineering Agreement, or Force Account Agreement, as applicable.

INSURANCE

Contractor shall procure and maintain, at its sole cost and expense, the types of insurance specified below. Contractor shall evidence such coverage by submitting to Amtrak the original Railroad Protective Liability Policy and certificates of insurance evidencing the other required insurance, prior to commencement of Operations. In addition, Contractor agrees to provide certified copies of the insurance policies for the required insurance within 30 days of Amtrak's written request. All insurance shall be procured from insurers authorized to do business in the jurisdiction(s) where the Operations are to be performed. Contractor shall require all subcontractors to carry the insurance required herein, or Contractor may, at its option, provide the coverage for any or all subcontractors, provided the evidence of insurance submitted by Contractor to Amtrak so stipulates. The insurance shall provide for thirty (30) days prior written notice to Amtrak in the event coverage is substantially changed, canceled or non-renewed. All insurance shall remain in force until all Operations are satisfactorily completed (unless otherwise noted below), all Contractor personnel and equipment have been removed from Railroad property, and any work has been formally accepted. The Contractor may provide for the insurance coverages with such deductibles or retained amounts as Amtrak may approve from time to time, except however that the Contractor shall, at its sole expense, pay for all claims and damages which fall within such deductible or retained amount on the same basis as if there were full commercial insurance in force in compliance with these requirements. Contractor's failure to comply with the insurance requirements set forth herein shall constitute a violation of the Agreement.

1. **Workers' Compensation Insurance** complying with the requirements of the statutes of the jurisdiction(s) in which the Operations will be performed, covering all employees of Contractor. Employer's Liability coverage with limits of not less than \$1 million each accident or illness shall be included.

In the event the Operations are to be performed on, over, or adjacent to navigable waterways, a U.S. Longshoremen and Harbor Workers' Compensation Act Endorsement and Outer Continental Lands Act Endorsement are required.

2. **Commercial General Liability (CGL) Insurance** covering liability of Contractor with respect to all operations to be performed and all obligations assumed by Contractor under the terms of the

Agreement. Products-completed operations, independent contractors and contractual liability coverages are to be included, with the contractual exclusion related to construction/demolition activity within fifty (50) feet of the railroad deleted and no exclusions for Explosion/Collapse/Underground (X-C-U) applicable or added.

The policy shall name the State, National Railroad Passenger Corporation, as appropriate WTC, and all commuter agencies and railroads that operate over the property or tracks at issue as additional insureds with respect to the operations to be performed. In addition the policy shall include an ISO endorsement Form CG 24 17 10 01 or its equivalent providing contractual liability coverage for railroads listed as additional insureds. Coverage for such additional insureds shall be primary and non-contributory as respects any other insurance the additional insureds carry.

Coverage under this policy shall have limits of liability of not less than \$2 million each occurrence, combined single limit, for bodily injury (including disease or death), personal injury and property damage (including loss of use) liability. Such coverage may be provided by a combination of a primary CGL policy and a following form excess or umbrella liability policy.

3. **Automobile Liability Insurance** covering the liability of Contractor arising out of the use of any vehicles which bear, or are required to bear, license plates according to the laws of the jurisdiction in which they are to be operated, and which are not covered under Contractor's Commercial General Liability insurance. The policy shall name the State, National Railroad Passenger Corporation, as appropriate WTC, and all commuter agencies and railroads that operate over the property or tracks at issue as additional insureds with respect to the operations to be performed. Coverage under this policy shall have limits of liability of not less than \$2 million each occurrence, combined single limit, for bodily injury and property damage (including loss of use) liability.

In the event Contractor or any subcontractor will be transporting and/or disposing of any hazardous material or waste off of the jobsite, a MCS-90 Endorsement is to be added to this policy and the limits of liability are to be increased to \$5 million each occurrence.

4. **Railroad Protective Liability (RRP) Insurance** covering the Operations performed by Contractor or any subcontractor within fifty (50) feet vertically or horizontally of railroad tracks. The current ISO Occurrence Form (claims-made forms are unacceptable) in the name of the State, National Railroad Passenger Corporation (and as appropriate WTC, and all commuter agencies and railroads that operate over the property or tracks at issue) shall have limits of liability of not less than \$2 million each occurrence, combined single limit, for Coverages A and B, for losses arising out of injury to or death of all persons, and for physical loss or damage to or destruction of property, including the loss of use thereof. A \$6 million annual aggregate shall apply. Further, "Physical Damage to Property" as defined in the policy is to be deleted and replaced by the following endorsement:

"It is agreed that 'Physical Damage to Property' means direct and accidental loss of or damage to all property owned by any named insured and all property in any named insured's care, custody and control."

The original RRP Liability Insurance Policy must be submitted to Amtrak prior to commencement of Operations.

In the alternative, and upon Amtrak's approval, Contractor may elect to have Amtrak insure the Operations under its Blanket RRP Liability Insurance Program. The premium, which shall be determined by the rate schedule promulgated by the insurer in effect as of the effective date of the Agreement, shall be prepaid by Contractor. In the event Contractor and Amtrak agree to insure the

Operations under Amtrak's RRP Program, Contractor shall include the RRP premium of \$125.00 in addition to the Permit Fee, and send its check made payable to National Railroad Passenger Corporation to the individual set forth below prior to commencement of Operations.

5. **All Risk Property Insurance** covering physical loss or damage to all property used in the performance of the Operations on a full replacement cost basis. The policy shall have limits of liability adequate to cover all property of Contractor (including personal property of others in Contractor's care, custody or control).
6. **Contractor's Pollution Liability Insurance** covering the liability of Contractor arising out of any sudden and/or non-sudden pollution or impairment of the environment, including clean-up costs and defense, that arise from the Operations of Contractor with the State, National Railroad Passenger Corporation, as appropriate WTC, and all commuter agencies and railroads that operate over the property or tracks at issue named as additional insureds. Coverage under this policy shall have limits of liability of not less than \$2 million each occurrence. The coverage shall be maintained during the term of the project, and for at least two (2) years following Amtrak acceptance of the completion of all Operations to be performed.
7. **Pollution Legal Liability Insurance** is required if any hazardous material or waste is to be transported or disposed of off of the jobsite. Contractor, its subcontractor or transporter, as well as the disposal site operator, shall maintain this insurance. Contractor shall designate the disposal site, and must provide a certificate of insurance from the disposal facility to Amtrak. The policy shall name the State, National Railroad Passenger Corporation, as appropriate WTC, and all commuter agencies and railroads that operate over the property or tracks at issue as additional insureds, with limits of liability of not less than \$2 million per claim.

Further, any additional insurance coverages, permits, licenses and other forms of documentation required by the United States Department of Transportation, the Environmental Protection Agency and/or related state and local laws, rules and regulations shall be obtained by Contractor.

8. **Professional Liability Insurance** covering the liability of Contractor for any and all errors or omissions committed by Contractor in the performance of the Operations, regardless of the type of damages. The coverage shall be maintained during the term of the Operations, and for at least three (3) years following completion thereof. The policy shall have limits of liability of not less than \$2 million per claim and in the annual aggregate. The policy may contain a deductible of a maximum of two hundred fifty thousand dollars (\$250,000), but in such case the deductible is the sole responsibility of Contractor, and no portion of such deductible is the responsibility of Amtrak.

If Contractor is not performing professional design or engineering services, Contractor may elect to satisfy this requirement through the addition of endorsement CG2279 "Incidental Professional Liability" to its CGL policy.

9. **Waiver of Subrogation** As to all insurance policies required herein, Contractor waives all rights of recovery, and its insurers must waive all rights of subrogation of damages against the State, Amtrak, as appropriate WTC, and their agents, officers, directors, and employees. The waiver must be stated on the certificate of insurance.
10. **Punitive Damages** Where allowed by law, no liability insurance policies required above shall include an exclusion for punitive or exemplary damages, including but not limited to CGL insurance and Railroad Protective Liability insurance.

11. **Claims-Made Insurance** If any liability insurance specified above shall be provided on a claims-made basis, then in addition to coverage requirements above, such policy shall provide that:

- a. The retroactive date shall coincide with or precede Contractor's start of Operations (including subsequent policies purchased as renewals or replacements);
- b. The policy shall allow for the reporting of circumstances or incidents that might give rise to future claims;
- c. Contractor will use its best efforts to maintain similar insurance under the same terms and conditions that describe each type of policy listed above (e.g., Commercial General Liability, Professional Liability) for at least three (3) years following completion of the Operations; and
- d. If insurance is terminated for any reason, Contractor will purchase an extended reporting provision of at least two (2) years to report claims arising from Operations.

12. **Evidence of Insurance** Contractor shall furnish evidence of insurance as specified above at least fifteen (15) days prior to commencing Operations. Prior to the cancellation, renewal, or expiration of any insurance policy specified above, Contractor shall furnish evidence of insurance replacing the cancelled or expired policies. THESE DOCUMENTS SHALL INCLUDE A DESCRIPTION OF THE Project AND THE LOCATION ALONG THE RAILROAD RIGHT-OF-WAY (typically given by milepost designation) IN ORDER TO FACILITATE PROCESSING. The fifteen (15) day advance notice of coverage may be waived by Amtrak in situations where such waiver will benefit Amtrak, but under no circumstances will Contractor begin Operations without providing satisfactory evidence of insurance as approved by Amtrak. Such evidence of insurance coverage shall be sent to:

Senior Manager Engineering
National Railroad Passenger Corporation
30th Street Station, Mail Box 64
Philadelphia, PA 19104-2817

FORCE ACCOUNT ESTIMATE

Ann Arbor, MI, M.P. 39.0+/-

Site Visit & Design Review for Barton Raw Water Pump Station Improvement Project
TEMPORARY PERMIT TO ENTER UPON PROPERTY E-47-S-975
Stantec Consulting Michigan Inc.

NATIONAL RAILROAD PASSENGER CORPORATION
OFFICE OF THE CHIEF ENGINEER
DATE: January 18, 2018
BY: Kathy Haywood

	QUANTITY	UNITS	UNIT COST	TOTAL
ENGINEERING				
Project Initiation & Development, C&S, Structures, Track				
Plan review	13	MD	\$1,200	\$15,600
Force Account Estimate Preparation	1	MD	\$1,200	\$1,200
Division/Project Management				
Plan Review	3	MD	\$1,200	\$3,600
FORCE ACCOUNT				
Labor:				
Track Foreman	1	MD	\$1,000	\$1,000
Equipment:				
Truck (Track Foreman)	1	Day	\$63	\$63
SUB TOTAL				\$21,463
CONTINGENCY @ 10%				\$2,146
SUB TOTAL				\$23,609
MANAGEMENT FEE (10%)				\$2,361
TOTAL				\$25,970

OCTOBER 6, 2017 REV. 1 PERMIT TOTAL	\$5,642
DIFFERENCE	\$20,328

The estimate is based on an estimated 1 day duration of work. The actual number of man-days is contingent upon the contractor's procedure and time schedule. The above rates are current and include fully allocated additives for vacation and paid holidays, force account insurance, employee benefits and overhead. Overhead rates will change annually, effective with expenses incurred January 1st each year, and fringe benefit rates are subject to change quarterly. This is only an estimate. Final billing will be based on the actual labor, material, and equipment costs incurred.