

New Jersey Turnpike Authority

P.O. Box 5042, Woodbridge, NJ 07095



August 10, 2023

Document Change Announcement

2016 Standard Supplementary Specifications

Railroad Coordination

DCA2023SS-10

Subject: Revisions to

Section 104 Control Of Work, Subsection 104.08 Shop and Working Drawings

Section 106 Legal Relations And Responsibility, Subsection 106.20 Insurance

Section 804 Railroads, Subsection 804.03 Methods of Construction

Description of Change:

This DCA adds railroad agency coordination language and a "Railroad Reimbursement Costs" pay item for applicable contracts.

Notice to New Jersey Turnpike Authority Staff and Design Consultants

Effective immediately, all contracts currently in the design phase shall incorporate the revisions herein. For advertised contracts awaiting the opening of bids this revision shall be incorporated via addendum. Contact your New Jersey Turnpike Authority Project Manager for instruction.

The revisions may be accessed on the Authority's webpage: <https://www.njta.com/doing-business/professional-services>

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NOTE: The following text indicates REVISIONS in tracked changes to the latest version of the 2016 Standard Supplementary Specifications.

SECTION 104 - CONTROL OF WORK

104.08 Shop And Working Drawings

The following is added after the first paragraph:

Shop and Working Drawings shall be submitted for the following items of work including but not limited to:

[Include the following if applicable:]

- **Guide Rail, Type A**
- **Guide Rail, Type C**
- **Inlet, Type D2**
- **Lighting Standard Base, Type III**
- **Temporary Sheeting**
- **See Subsection 601.03(E) for a list of electrical items**

[Include the following in any contracts requiring coordination with CONRAIL. Enter CONRAIL's project manager contact information below:]

Per Section 804, shop drawings, procedures, and design calculations may be required by the railroad companies for work over their facilities and/or Right-Of-Way. The shop drawings should include, but not be limited to, site specific work plans for each proposed work location and work procedures as required. A railroad company submittal review period is typically thirty (30) days, the Contractor shall plan scheduled work accordingly.

Shop drawings, procedures, and design calculations required by the following railroad agencies for work over their facilities and Right-Of-Way shall be submitted as follows:

Consolidated Rail Corporation (CONRAIL)
330 Fellowship Road
3rd Floor
Mt. Laurel, NJ 08054
Attention:
Phone:
E-mail:

A minimum of five (5) sets of shop drawings are required for submission to each railroad agency unless otherwise specifically noted in the Appendices of these Specifications.

Prior to submitting the site-specific work plan to each railroad agency, the Contractor is required to obtain written approval of the work plan from the Engineer. This approval shall be included with the submissions to each agency.

The Contractor shall provide, to the Engineer at the pre-construction meeting, a copy of letters sent to the agencies noted above indicating a description of the work, procedures, time frame for performance, and requests for ROW access (permits, etc.). The letters shall detail the list of shop drawings that will be forwarded for review by these agencies.

[Replace the above directive for the first paragraph with the following for repainting Contracts:]

The following is added after the first paragraph:

Shop and working drawings shall be made for the following items of work including but not limited to:

- (A) Pollution collection and control plan (each structure)
- (B) Working platform plan (each structure)

- (C) Emergency management plan
- (D) Paint system samples, data sheets and specifications
- (E) Lead health and safety plan
- (F) Hazardous waste reclamation plan, storage and transport plan
- (G) Debris liners/tarps

[Replace the above directive for the first paragraph with the following for bridge deck repair Contracts:]

The following is added after the first paragraph:

Shop and working drawings shall be made for the following items of work including but not limited to:

- Catch Systems - Interior and Fascia
- Reinforcement Steel
- S-I-P Metal Forms
- Diaphragms
- Parapet and Safetywalk Support at Fascia Bay Deck Replacements
- Median Barrier Reconstruction - field measurements, demolition methods, formwork
- Precast concrete construction barrier
- Conduits, cables and wires
- Cables connector kits
- Grounding and termination devices
- Joint Reconstruction Type 1P, 1P Modified and F
- Pavement riser repair

SECTION 106 - LEGAL RELATIONS AND RESPONSIBILITY

106.20 Insurance

[Include the following in any Contracts requiring coordination with railroad agencies:]

(I) Railroad Insurance

The following is added:

[Designer to include reference to respective railroad agency insurance requirements whether to an added Appendix or website link]

[Include the following in any Contracts requiring coordination with CONRAIL:]

Contractor shall adhere to the requirements of the latest "Conrail Insurance Specifications" found at <https://conrail.com/safety/working-on-conrail-property/>

NOTE: The following text is ADDED to the latest version of the 2016 Standard Supplementary Specifications.

SECTION 804 – RAILROADS

[Include the following in any contracts requiring coordination with railroad agencies:]

804.03 Methods of Construction

The last paragraph in this Subsection is deleted in its entirety and replaced with the following:

The Contractor is alerted to the fact that securing the services of railroad flagging requires extensive coordination and advance notice with the affected railroad companies. The Contractor shall determine during the bidding process the availability of flagging. The Contractor shall be prepared to perform weekend work when flagmen or track outages are typically more available. The Contractor is required to provide a schedule of coordination efforts with the railroads in accordance with Subsection 104.08.

The following is added prior to Paragraph (A):

Maintenance and protection of railroad traffic may also be required for "If and Where Directed by the Engineer" work, change order work and/or emergency work.

[Include the following in any contracts requiring coordination with CONRAIL:]

(A) Consolidated Rail Corporation (CONRAIL)

Delete this Paragraph in its entirety and replace it with the following: Prior to conducting any work on, over or adjacent to CONRAIL Right of Way, the Contractor shall: obtain a fully executed Permit to Enter (PTE), Construction Agreement or other appropriate agreement(s) prepared by CONRAIL; pay all fees; have all insurances approved; complete required safety training; and receive permission from the appropriate CONRAIL representative, provided in Subsection 104.08 to begin work. The Contractor shall give notice to CONRAIL's representative not less than fourteen (14) days in advance of the date work is to commence, if separate from execution of the agreement.

With respect to CONRAIL's facilities, the Contractor shall conduct his work in conformance with applicable requirements detailed in the most recent editions of CONRAIL publications:

- Specifications For Wireline Occupancy Of Consolidated Rail Corporation Property (CE-4)
- Specific Requirements Of Consolidated Rail Corporation For Work On Its Right Of Way (CE-6)
- Specifications For Pipeline Occupancy Of Consolidated Rail Corporation Property (CE-8)
- Specifications For Design And Construction Of Undergrade Railroad Bridges For Grade Separation Projects (CE-12)

CONRAIL is in continuous operation 24 hours a day, 7 days a week. The work under this Contract shall not cause interference to CONRAIL train traffic.

The Contractor shall apply for a "Temporary License Permitting Entry on Property" prior to entering on or working over CONRAIL property. Requests for right-of-entry shall be sent to Ms. Francine Monteleon, 330 Fellowship Road, 3rd Floor, Mount Laurel, NJ, 08054, phone (856) 231-2454, e-mail Francine.Monteleon@Conrail.com. This application for right-of-entry shall be made a minimum of three (3) months prior to desired start of work; the most current version of the right-of-entry application can be found on CONRAIL's website (<https://conrail.com/safety/working-on-conrail-property/>). A separate PTE is required for each location.

The Contractor shall provide an advance deposit for all anticipated CONRAIL costs including engineering review, inspection, flag protection, and billing. Additionally, the need for a CONRAIL flagman will be determined by a CONRAIL's representative. A CONRAIL Force Account Estimate (FAE) will be composed upon receipt of the Contractor's schedule.

The Contractor, its agents, consultants, contractors, and sub-contractors shall submit insurance certificates in compliance with insurance requirements set forth in CE-6. Insurance certificates shall be submitted to insurancecertificates@conrail.com for review and approval.

The Contractor and all personnel that will be working with CONRAIL right-of-way are required to attend a safety course provided by CONRAIL, paid by the Contractor, prior to working within CONRAIL right-of-way and in accordance with CONRAIL CE-6.

In addition to the requirements of CONRAIL's CE-6, the Contractor is required to comply with the following when providing an entry permit, work plan, shielding and containment designs, and other submittals:

- (1) Clearly identify Contractor temporary means of access on CONRAIL property if required to perform work. No equipment or material shall be stored on CONRAIL property. No equipment shall be refueled on CONRAIL property.
- (2) Temporary catch systems over CONRAIL facilities shall be designed for a minimum of 100 pounds per square foot.
- (3) Temporary containment structures over CONRAIL facilities shall be designed for a minimum of 50 pounds per square foot plus the weight of any load to be carried (e.g. equipment, workers, etc.). A cross-section is required with any plan submittal that shows the vertical clearance from the top of rail to the bottom of the sag for containment.
- (4) Any sandblasting over or adjacent to CONRAIL's right-of-way will require complete containment and recycling. Methods and plans for sandblasting over CONRAIL's right-of-way shall be included in the Shop Drawings. Debris is not permitted to fall onto CONRAIL's right-of-way.
- (5) Plans submitted shall show where the expected staging area is located with horizontal clearances to the centerline of track noted.
- (6) CONRAIL inspectors and maintenance personnel require access to the track throughout construction.
- (7) Provide an estimated schedule for each activity listed in the work plan.
- (8) Provide a detailed work plan for assembling and disassembling the suspended platform containment structure.
- (9) Provide a detailed work plan for assembling and disassembling the bridge-to-grade containment structure.
- (10) The work plan shall show how the beams will be accessed for the selected containment method.
- (11) The access plan is to show how equipment is crossing over the tracks for each respective track. Note the tracks may only be crossed at existing grade crossings. Track designations including mile posts shall be clearly identified with all submittals.
- (12) Submit catalog cuts for the tool vehicle, blastpot, air compressors, dust collector, and any other driven or stationary equipment to be used during the course of this work.
- (13) The work plan is to reflect whether each location will be worked on simultaneously or sequentially.
- (14) Identify if the Authority will require any equipment to perform the final inspection. If so, identify this in the work plan accordingly.
- (15) The site-specific work plans are to reflect the selected temporary platform means for every installed location (e.g. scaffolding, suspended platforms, etc.).

804.04 Measurement.

Replace this Subsection in its entirety with the following:

Railroad Reimbursement Costs (No-Bid) provides a value for reimbursement to the Contractor for costs associated with flagging, track outages, permit, and engineering reviews/inspection costs associated with maintenance and protection of railroad traffic. The only reimbursable costs permitted will be those charges approved by the Engineer for the impacted railroad companies flagging, track outages, permit, and engineering reviews/inspection related to maintenance and protection of railroad traffic affected by this Contract.

804.05 Payment.

Replace this Subsection in its entirety with the following:

Payment will be made under:

<i>PAY ITEM</i>	<i>PAY UNIT</i>
RAILROAD REIMBURSEMENT COSTS (NO-BID).....	USD

No separate payment will be made for attending railroad sponsored training, but the costs thereof will be included in the unit prices bid for the various pay items in the Contract.

No separate payment will be made to account for Contractor overtime costs as a result of night or weekend work necessary due to railroad constraints.