

New Jersey Department of Transportation
1035 Parkway Avenue, PO Box 600, Trenton, New Jersey 08625-0600



Baseline Document Change Announcement

Insurance, Utility & Misc.

BDC10S-12

December 22, 2010

SUBJECT: Revision to Subsections 105.07, 108.11, 152.04, 153.03, 155.03, and 157.03 of the 2007 Standard Specifications

The following Subparts/Subsections have been revised

- To break down the Utility related work by the construction stages in Subpart 105.07.02
- To state the types of Utility delays that are considered “non-excusable” under 108.11.01
- To clarify the intent of the insurance payment in Subsection 152.04
- To require color paper copies of CPM progress schedule in Section 153
- To update the Field Office specifications per current requirements in Section 155
- To require the contractor to provide as-built vertical under clearance information in conjunction with the Department’s responsibility for issuing permits for oversized vehicles in Section 157

The following revisions have been incorporated in Standard Input, SI2007 as of December 22, 2010.

SECTION 105 – CONTROL OF WORK

105.07.02 Work Performed by Utilities

1*****1
COMPLETE AND INCLUDE THE FOLLOWING FOR ALL UTILITY COMPANIES THAT ARE AFFECTED BY THE PROJECT FOR THE ADVANCE NOTICE REQUIREMENTS

PROVIDE THESE AFFECTED UTILITY COMPANIES WITH A COMPACT DISC CONTAINING ELECTRONIC FILES OF PLANS & SPECIAL PROVISIONS

Company Name & Address	Contact Person	Number of Day/s Advance Notice

2*****2

LIST WORK PER STAGE TO BE PERFORMED BY THE UTILITY COMPANIES. INCLUDE A GENERAL DESCRIPTION OF THE WORK TO BE PERFORMED BY THE COMPANY AND PROVIDE COMPANY TIME FRAME TO MOBILIZE ON SITE AND TO PERFORM THE WORK. INCLUDE SEASONAL RESTRICTIONS FOR THE WORK. ENSURE THAT ANY STAGING AND MULTIPLE COMPANY COORDINATION IS PROPERLY ACCOUNTED FOR IN ALL CONTRACT DOCUMENTS.

Stage # _____	Utility Company Name	Work Description	Work Duration (Day/s)	Restrictions
Stage Total _____				
2*****2 1*****1				

SECTION 108 – PROSECUTION AND COMPLETION

108.11.01 Extensions to Contract Time

B. Types of Delays.

1. Non-Excusable Delays.

THE FOLLOWING IS ADDED:

For work performed by Utilities, delays up to 30 percent of the estimated duration specified in 105.07.02 are considered non-excusable. The duration includes both the advance notice and the completion of the work by the Utility.

For delays caused by Railroads, delays up to 30 percent of the estimated availability specified in 105.07 are considered non-excusable.

2. Excusable, Non-Compensable Delays.

b. Utilities.

THE FOLLOWING IS ADDED:

For delays caused by Railroads, when the availability to access is reduced by more than 30 percent greater than the estimated availability specified in 105.07.

SECTION 152 – INSURANCE

152.04 MEASUREMENT AND PAYMENT

THE LAST PARAGRAPH IS CHANGED TO:

The Department will make initial payment for OWNER’S AND CONTRACTOR’S PROTECTIVE LIABILITY INSURANCE, RAILROAD PROTECTIVE LIABILITY INSURANCE, and POLLUTION LIABILITY INSURANCE at the lesser of the bid amount, or actual costs as documented from paid invoices. If the Bid amount is greater than the amount indicated on the documented paid invoices, the Department will make payment for any remainder, up to the Bid amount, with the final monthly Estimate.

SECTION 153 – PROGRESS SCHEDULE

153.03.01 CPM Progress Schedule

1. Preliminary Schedule Submission.

THE SECOND PARAGRAPH IS CHANGED TO:

The RE may require 3 color paper copies of the preliminary schedule, Gantt Chart, as specified in 153.03.02.2.e, and a network diagram (PERT) printed on 36 × 22-inch plans detailing the activity relationships.

2. Baseline Schedule Submission.

THE LAST SENTENCE OF THE FIRST PARAGRAPH IS CHANGED TO:

The RE may require the Contractor to submit 3 color paper copies of the baseline schedule.

THE SECOND PARAGRAPH PART 3 IS CHANGED TO:

- 3. The RE may require 3 color paper copies of the tabular reports, as specified in 153.03.02.2, and a printed network diagram (PERT) on 36 × 22-inch sheets detailing the activity relationships.

153.03.02 CPM Progress Schedule Updates

2. Tabular Reports.

THE FIRST SENTENCE OF THE FIRST PARAGRAPH IS CHANGED TO:

The RE may require 3 color paper copies of the longest path sort, total float sort, responsibility sort, area sort, and Gantt chart

153.03.03 Bar Chart Progress Schedule and Updates

A. Schedule.

THE THIRD SENTENCE OF THE THIRD PARAGRAPH IS CHANGED TO:

Provide 3 color paper copies of a bar chart progress schedule or similar type that is acceptable to the RE for approval as follows:

SECTION 155 – CONSTRUCTION FIELD OFFICE

155.03.01 Field Office

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**PROVIDE THE PROJECT SPECIFIC ITEMS.
COMPLETE AND INCLUDE THE FOLLOWING LIST.**

SME CONTACT – CONSTRUCTION MANAGEMENT

4. Communication Equipment.

- a. **Telephones.** Provide ___ cordless phones with auto-switching.
- c. **Cell Phones.** Provide ___ cellular phones. Ensure the cellular phone plan provides for unlimited mobile to mobile in-network usage, unlimited push-to-talk/ walkie-talkie usage and an anticipated monthly usage of 900 any-time minutes for each phone. Ensure the phones are on the same plan. Ensure the cellular phone plan has a home rate with no roaming charges within the state. Ensure each cellular phone has the following features:
 - 1. Push to Talk / Walkie-Talkie capable
 - 2. Camera with 1 megapixel picture capability
 - 3. Battery life capable of 180 minutes of continuous use and 72 hours of standby use

4. Equipped with a hands-free headset
5. Base charger and car charger

d. Computer System. Provide a computer system meeting the following requirements:

___ computer configurations each meeting the following:

1. Equipped with an Intel Pentium ___ processor with Hyper Threading technology having a clock speed of ___ GHz or faster, ___ GB RAM, ___ MB Video RAM, ___ Gigabyte hard drive designated as drive C, one DVD (+/-) Writer Drive, one CD-R Recordable Drive. Ensure the system is USB 2.0 compatible and has at least two front USB ports Include Keyboard, optical mouse and 2 piece desktop speakers.
2. Wired Router with appropriate number of ports and cables and a print server. Ensure there is at least one wired Ethernet switch.
3. High-speed broad band connection and service with a minimum speed of ___ Megabits per second (mbps) with dynamic IP address for the duration of the project.
4. 19 inch or larger Flat Screen LCD monitor with tilt/swivel capabilities.
5. ___ Megabyte or larger Zip Drive internal or external with backup software for MS-Windows and DOS, and fifteen corresponding formatted data cartridges corresponding to the tape drive size.
6. ___ Flatbed USB version 2.0 or greater Color Scanner with automatic document feed.
7. Uninterruptible power supply (UPS).
8. Surge protector for the entire computer configuration to be used in conjunction with the UPS.
9. Computer workstation, chair, printer stand, and/or table having both appropriate surface and chair height.
10. One can of compressed air and screen cleaning solution every other month of the duration of the contract.

Ensure one computer has a 56K baud data/fax modem. If more than one computer configuration is specified, provide one network interface card for the base computer configuration and hardwire connections between computer configurations as directed by the RE.

Also provide:

- ___ USB ___ GB Flash/Jump memory drives
- ___ CD-R ___ MB (or larger) recordable CD's compatible with the CD drive and ___ recordable DVD's.
- ___ CD/DVD Holder (each holds 50)

___ color laser printers and supplies as follows:

1. HP PCL 6 emulation, with a minimum of 192 Megabytes of expanded memory, printer cable, and legal size paper tray.
2. One set of printer ink cartridges every other month for the duration of the construction project for each printer.

Software as follows:

1. Microsoft Windows, latest version with future upgrades for the duration of the entire project. Ensure 1 computer has a Microsoft Windows XP 32 Bit Operating System for ACES, Extra and Groupwise.
2. Microsoft Office Professional, latest version.
3. Norton's System Works for Windows, latest version, or compatible software package with future upgrades and latest virus patches.
4. Anti-Virus software, latest version with monthly updates for the duration of the contract.
5. Visio Professional Graphics Software for Windows, latest version
6. Primavera Project Management, latest version
7. PaperPort, latest version, for Scanner

THE THIRD PARAGRAPH IS CHANGED TO:

When the computer system is no longer required by the RE, the Department will remove and destroy the hard drive, and return the computer system to the Contractor. The Department will retain other data storage media.

6. Office Equipment.

2. ___ digital camera(s). Ensure each digital camera has auto-focus, with rechargeable batteries and charger, ___ MB memory card, USB Memory Card Reader compatible with camera and field office computer, 1.5 inch LCD monitor, ___ mega pixel resolution, ___ X optical zoom lens, built in flash, image stabilization, computer connections, and a carrying case
3. ___ video camcorder(s). Ensure each video camcorder is a mini DVD camcorder with ___ optical zoom, 2" LCD monitor, USB 2.0 compatible and includes USB 2.0 connections.

7. Inspection Equipment.

1. ___ Calculators with trigonometric capability
2. ___ Date/ Received stamp and ink pad
3. ___ Electronic Smart level, 4 foot
4. ___ Carpenter rulers
5. ___ Steel tape, 100 feet
6. ___ Cloth tape, 100 feet
7. ___ Illuminated measuring wheel
8. ___ Plumb bob and cord
9. ___ Line level and cord
10. ___ Surface thermometer
11. ___ Concrete thermometer
12. ___ Digital infrared asphalt thermometer
13. ___ Direct Tension Indicator (DTI) Feeler Gage, 0.005 inch
14. ___ Sledge hammer, 8lb
15. ___ Self leveling laser level with range of 100 feet and an accuracy of 1/4 inch per 100 feet
16. ___ Hard hats - orange, reflectorized hard hats according to ANSI Z89.1
17. ___ Safety garments – orange, reflectorized, 360° high visibility safety garments according to ANSI/ISEA Class 3, Level 2 standards. To be replaced yearly for the duration of the contract.
18. ___ Sets of rain gear with reflective sheeting
19. ___ Sets of hearing protection with a Noise Reduction Rating of 22 dB
20. ___ Sets of eye protection according to ANSI Z87.1
21. ___ Sets of fall arrest equipment according to ANSI Z359.1 standards consisting of a full body harness, lanyard and anchor
22. ___ Light meter - capable of measuring the level of luminance in foot-candles
23. ___ Lantern flashlight, 6V with monthly battery replacements
24. Digital Psychrometer
25. Chain Drag according to ASTM D4580-86
26. Testing equipment and apparatus conforming to AASHTO T23, T119, T152
27. Hard Bound Daily Diaries, 5-1/2" X 8" minimum with one day per page. To be provided yearly for the duration of the contract.
28. Legal size hanging folders
29. Legal size manila file folders – three tab

SECTION 157 – CONSTRUCTION LAYOUT AND MONUMENTS

157.03.01 Construction Layout

THE FOLLOWING IS ADDED AFTER THE NINTH PARAGRAPH:

For each bridge and sign structure within the Project Limits, provide the RE as-built measurements of the vertical under clearance at each lane line, shoulder line, curb line and edge of pavement line under a structure to the nearest inch. For each bridge structure, provide vertical under clearance measurements at each fascia beam.

Implementation Code R (ROUTINE)

Changes must be implemented in all applicable Department projects scheduled for Final Design Submission at least one month after the date of the BDC announcement. This will allow designers to make necessary plan, specifications, and estimate/proposal changes without requiring the need for an addenda or postponement of advertisement or receipt of bids.

Recommended By:

ORIGINAL SIGNED

Walter McGrosky
Director,
Capital Program Support

Approved By:

ORIGINAL SIGNED

Richard T. Hammer
Assistant Commissioner,
Capital Program Management

WM: KS: HP
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