
SPECIAL PROVISIONS

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FOR
UNIVERSITY POLICE DEPARTMENT SITE IMPROVEMENTS
MONTCLAIR STATE UNIVERSITY
IN THE TOWNSHIP OF MONTCLAIR
COUNTY OF ESSEX
SPECIFICATIONS TO BE USED

The 2019 Standard Specifications for Road and Bridge Construction, of the New Jersey Department of Transportation (Department) as amended herein will govern the construction of this Project and the execution of the Contract.

These Special Provisions consist of the following:

Page **1** of **10** inclusive.

The following additional project specific Attachments are located at the end of these Special Provisions:

PUBLIC UTILITIES.....	APPENDIX A
NJDOT STANDARD CONSTRUCTION DETAILS.....	APPENDIX B

Whenever any section, subsection, subpart or subheading is amended by such terms as changed to, deleted or added it is construed to mean that it amends that section, subsection, subpart or subheading of the 2019 Standard Specifications unless otherwise noted.

Whenever reference to page number is made, it is construed to refer to the 2019 Standard Specifications unless otherwise noted.

Henceforth in this supplementary specification whenever reference to the State, Department, ME, RE or Inspector is made, it is construed to mean the particular Owner executing this contract.

DIVISION 100 – GENERAL PROVISIONS

SECTION 101 – GENERAL INFORMATION

101.03 TERMS

THE FOLLOWING TERMS ARE ADDED:

Full Traffic Access. All work is complete to allow safe unencumbered use of the final paved portion of roadway throughout the project including but not limited to striping, RPMs, rumble strips, highway lighting, and traffic signals as determined by the RE.

Parcel. Property to be acquired for transportation purposes, described by metes and bounds.

REVISE THE FOLLOWING TERM:

actual cost: The computed cost using calculations of direct labor, labor fringe benefits, indirect labor costs, insurance, materials, extraordinary expenses, equipment, profit, overhead, and subcontractors.

SECTION 105 – CONTROL OF WORK

105.01 AUTHORITY OF THE DEPARTMENT

105.01.01 RE

REVISE THE SECOND PARAGRAPH TO:

Unless otherwise specified, send correspondence with the Department to the RE. Where correspondence is specified to be directed to persons other than the RE, send a copy to the RE. Ensure that correspondence complies with the following:

1. Assign every correspondence sent to the Department a unique correspondence serial number in the subject line, numbered sequentially beginning with Contractor Correspondence No. 1.
2. If the correspondence includes a request for information or asks for an interpretation of the Contract, also assign a unique RFI serial number in the subject line numbered sequentially beginning with RFI-1.
3. If the correspondence constitutes a notice of change, assign a unique change notice serial number in the subject line numbered sequentially beginning with Change Notice No. 1. For subsequent correspondence referring to a change notice or to the events that are the subject of a previous change notice, refer in the subject line to the original change notice number.

105.02 RESPONSIBILITIES OF THE CONTRACTOR

105.02.05.1

REVISE THE FOLLOWING SECTION TO:

Federal Aid projects. This section intentionally left blank.

105.03 CONFORMITY WITH THE CONTRACT

REVISE THE FIRST SENTENCE OF THE SECOND PARAGRAPH TO:

In the event the Contractor discovers a discrepancy, error, omission, or ambiguity in the Contract, or if the Contractor has any doubt or question as to the intent or meaning of the Contract, the Contractor must immediately notify the RE.

REVISE THE FOURTH SENTENCE OF THE SIXTH PARAGRAPH TO: If the Department loses funding for the nonconforming work, on the basis of permitting nonconforming work to remain, the Department will not pay for the work permitted to remain in place.

105.07 COOPERATION WITH UTILITIES

105.07.01 Working in the Vicinity of Utilities

THE FOLLOWING IS ADDED BEFORE THE FIRST PARAGRAPH:

The corporations, companies, agencies, or municipalities owning or controlling the utilities, and the name, title, address, and telephone number of their local representative are as listed in Appendix A.

SECTION 109 – MEASUREMENT AND PAYMENT

THE SECTION HEADINGS, SUBPARTS AND ENTIRE TEXT IS CHANGED TO:

109.01 PAYMENT

The Contractor shall be responsible for furnishing all materials and labor necessary to produce an acceptable final product as described in the Contract Documents and to the satisfaction of the Owner, Engineer and Architect. All costs shall be included in the lump sum bid price for the project, unless otherwise indicated in the Contract Documents.

DIVISION 150 – CONTRACT REQUIREMENTS

SECTION 153 – PROGRESS SCHEDULE

153.03.03 BAR CHART PROGRESS SCHEDULE UPDATE

REVISE THE THIRD PARAGRAPH TO:

Approval of the schedule by the RE does not modify the Contract or constitute Acceptance of the feasibility of the Contractor's logic, activity durations, or assumptions used in creating the schedule. The progress schedule does not constitute notice and does not satisfy the notice requirements. 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

REPLACE THIS SECTION WITH THE FOLLOWING:

This section intentionally left blank.

SECTION 156 – MATERIALS FIELD LABORATORY AND CURING FACILITY

REPLACE THIS SECTION WITH THE FOLLOWING:

This section intentionally left blank.

DIVISION 600 – MISCELLANEOUS CONSTRUCTION

SECTION 601 – PIPE

601.04 MEASUREMENT AND PAYMENT

REVISE THE SECOND PARAGRAPH TO:

When the RE directs undercutting of unstable material in a pipe trench, the Department will make payment for the additional excavation. The Department will also make payment, for the additional bedding if there is not an excess of excavation available.

SECTION 602 – DRAINAGE STRUCTURES

602.03.03 SETTING CASTING, RESET CASTING, AND RECONSTRUCTED INLET AND MANHOLE

THE FOLLOWING IS ADDED AFTER THE LAST PARAGRAPH:

Existing inlet and manhole castings which are no longer required become the property of the Owner.

602.03.07 Curb Piece

THE FOLLOWING IS ADDED AFTER THE LAST PARAGRAPH:

All curb pieces will be NJDEP-compliant, with “DUMP NO WASTE – DRAINS TO WATERWAYS” inscribed on the top of the curb piece. Refer to details for pattern number.

SECTION 605 – FENCE

605.03.04 Temporary Chain-Link Fence

THE FIRST PARAGRAPH IS DELETED AND REPLACED WITH THE FOLLOWING:

Before beginning construction operations, clear the site as specified in 201.03.01 and erect temporary chain-link fence required to enclose construction area.

Erect fence as indicated on the Plan, setting posts in panel stands.

Remove temporary fence when necessary to allow for final site cleanup and site restoration.

SECTION 606 – SIDEWALKS, DRIVEWAYS, AND ISLANDS

606.03.01 HMA SIDEWALKS, DRIVEWAYS, AND ISLANDS

606.03.02 CONCRETE SIDEWALKS, DRIVEWAYS, AND ISLANDS

THE FOLLOWING IS ADDED BEFORE THE FIRST PARAGRAPH:

The Contractor shall construct all sidewalks, handicap ramps and pedestrian facilities within the public right-of-way or easements in full compliance with latest version of the "Proposed Accessibility Guidelines for Pedestrian Facilities in the Public "Right-of-Way" located at <https://www.access-board.gov/prowag> and the Manual on Uniform Traffic Control Devices (MUTCD). Workmanship and materials shall be in conformance with the New Jersey Department of Transportation Standard Specifications for Road and Bridge Construction as amended and supplemented by County and/or Municipal requirements. The Contractor is notified that improperly constructed ramps and facilities, as determined by the Municipality and/or County, will require replacement with compliant ramps and facilities at the sole cost and expense of the Contractor.

606.04 MEASUREMENT AND PAYMENT

REVISE THE SECOND PARAGRAPH TO:

When the RE directs undercutting of unstable material in the excavation area, the Department will make payment, for the additional excavation. The Department will also make payment, for the additional bedding if there is not an excess of excavation available.

THE FOLLOWING SECTION IS ADDED:

SECTION 613 – BUILDING FOUNDATION WATERPROOFING

613.01 DESCRIPTION

This Section describes the requirements for installing building foundation waterproofing systems.

613.02 MATERIALS

613.02.01 Materials

Provide materials as specified:

I-9 Soil Aggregate	901.11
Asphalt Waterproofing	912.02.03

Air gap membrane shall be a UV stabilized, high-density polyethylene (HDPE) dimpled sheet with the following properties:

Minimum Thickness 24 mil.

Minimum Compressive Strength 5,000 psf.

Minimum Water flow Rate 150 gal. / sq.ft. per ASTM D-4491

Shall meet all requirements of the International Code Council ICC ESR #3107.

Air gap membrane system shall include all cap and corner units of compatible materials with the HDPE sheets.

613.03 CONSTRUCTION

613.03.01 Foundation Waterproofing

Excavate along foundation wall as specified in Section 202.03.03.A.2.

Clean, point, and apply 2 coats of Asphalt Waterproofing material to wall foundations.

Install air gap membrane over the waterproofing material. The membrane shall be continuous from the ground line to building footing with only vertical seams. Vertical seams in the membrane shall be lapped 20 inches minimum. The membrane shall be mechanically fastened to the foundation wall in accordance with the Manufacturer's specifications. Membrane caps and corner pieces shall be installed in accordance with the Manufacturer's recommendations.

The excavation shall be backfilled and compacted with a porous backfill in accordance with Section 203.03.02.C.

DIVISION 900 – MATERIALS

SECTION 902 – ASPHALT

902.01.01 ASPHALT BINDER

THE FIRST TWO PARAGRAPHS ARE CHANGED TO:

Use an asphalt binder that is storage-stable and conforms to AASHTO M 332. Include compliance with the elastic response requirement in Figure 1 of AASHTO R 92, if applicable.

902.02.01 MIX DESIGNATIONS

PART (4) IS CHANGED TO:

4. “E” The fourth field in the Item description designates the high temperature designation of the performance-graded binder. Options are “64” for PG 64S-22 and “E” for PG 64E-22.

902.02.03 MIX DESIGN

THE FOLLOWING IS ADDED TO THE FIRST PARAGRAPH:

Unless otherwise approved by the engineer, only one source of supply for hot mix asphalt surface course may be used on the project.

A General Acceptance Requirements.

THE SECOND PARAGRAPH OF SECTION (A) IS CHANGED TO:

For PG 64S-22, ensure that the temperature of the mixture at discharge from the plant or surge and storage bins is at least 290 °F when the ambient temperature is less than 50 °F or is at least 275 °F when the ambient temperature is greater than or equal to 50 °F. For PG 64E-22, ensure that the temperature of the mixture at discharge from the plant or surge and storage bins is at least 10 °F above the manufacturer’s recommended laydown temperature. For mixes produced using a WMA additive or process, ensure that the temperature of the mixture at discharge from the plant or surge and storage bins is at least 10 °F above the WMA manufacturer’s recommended laydown temperature.

DETERMINATION OF CONFORMANCE TO THE VOLUMETRIC PROPERTIES BY SAMPLING AND TESTING AT THE HMA PLANT BY AN INDEPENDENT TESTING AGENCY AND/OR LABORATORY IS PREFERRED; HOWEVER, THE FOLLOWING CHANGES TO SUBSECTION 902.02.04 MAY BE USED AS AN ALTERNATE TO THE SAMPLING AND TESTING PROVISIONS LISTED IN SUBSECTION 902.02.04 TO DETERMINE CONFORMANCE TO THE SPECIFICATION REQUIREMENTS.

902.02.04 SAMPLING AND TESTING

THE FOLLOWING SUBSECTION IS ADDED:

E. Acceptance of HMA. Department may accept the HMA as specified in 902.02.04.A through 902-02.04.E by employing staff or an independent testing agency at the HMA plant during production. The inspector who performs the quality assurance sampling shall be certified by the Society of Asphalt Technologists of New Jersey as an Asphalt Plant Technologist, Level 2. Form “DS-8 HMA Testing Summary Report – State Aid” provided on the [Local Aid Website](#) must be utilized by the Laboratory report their findings.

Alternatively, the Department may accept the HMA by [Certification of Compliance](#) according to 106.07.

SECTION 903 – CONCRETE

903.01 CEMENT

THE ENTIRE SUBSECTION TEXT IS CHANGED TO:

Use cement, listed on the QPL, that is either portland cement or blended hydraulic cement and conforms to the following:

Portland Cement, Type I, II, and Type III..... ASTM C 150

Blended Hydraulic Cement, Type IS, IP, and IL ASTM C 595

Only use Type III portland cement for Class V concrete, prestressed Items, and precast Items.

Use portland cement pre-blended with a maximum of 25 percent fly ash, by weight, or a maximum of 5 percent silica fume by weight, or with a maximum of 50 percent slag by weight for blended hydraulic cement Type IS or IP. Use portland cement pre-blended with a minimum of 5 percent limestone content and a maximum of 15 percent limestone content by weight for blended hydraulic cement Type IL. Ensure that a scaling test according to ASTM C 672 is completed on the mix design if more than 30 percent slag is used and that the concrete has a visual rating less than 3 after 50 cycles.

Do not add additional mineral admixtures to blended hydraulic cements Type IS or IP at the concrete plant unless approved by the ME. The use of additional mineral admixtures in blended hydraulic cement Type IL at the concrete plant is permitted if the mineral admixture is listed on the QPL

Do not mix different brands of cement, the same brand of cement from different mills, or different types of cement.

Provide suitable means for storing and protecting the cement against dampness. The ME will reject cement that has become partially set or that contains lumps of caked cement. Ensure that the temperature of the cement at the time of delivery to the mixer does not exceed 160 °F.

APPENDIX A: PUBLIC UTILITIES

Revised 7/20

**TOWNSHIP OF MONTCLAIR
PUBLIC UTILITIES**

The following is a list of all corporations, companies, agencies or municipalities owning or controlling the utilities in the vicinity of the project site, and the name, address and telephone number of their local representatives:

WATER

Montclair Water Department
54 Watchung Avenue
Montclair, New Jersey 07042
Attn: Gary Obszarny, Director
Tel: (973) 744-4600

GAS

Public Service Electric and Gas Company
40 Rock Avenue
Plainfield, NJ 07063
Attn: James Cavanagh
Tel: (908) 668-3840

ELECTRIC

Public Service Electric and Gas Company
150 Circle Avenue
Clifton, New Jersey 07011
Attn: Henry Gregerson
Tel: (973) 365-2990

SEWERS

Montclair Sewer Department
54 Watchung Avenue
Montclair, New Jersey 07042
Attn: Gary Obszarny, Director
Tel: (973) 744-4600

CABLE

Comcast
800 Rahway Avenue
Union, NJ 07083
Attn: Bob Knoepfel
Tel: (732) 602-7444

TELEPHONE

Verizon
6000 Hadley Rd
South Plainfield, New Jersey 07080
Attn: Charles C. Comeau
Tel: 973-422-5151
Email: charles.comeau@verizon.com

Notification of major utilities for markout may be accomplished by calling Garden State Underground Location Service at 1-800-272-1000.

PSE&G's PROCEDURE FOR RESETTING OR REPLACING OF MANHOLE FRAMES AND COVERS.

Please be advised that the following steps need to be maintained in order to meet local milling and paving schedules.

Once the contract has been awarded, your contractor should:

- Contact Public Service Electric & Gas (Engineering) 4 to 6 weeks prior to milling to discuss the scope of the project. Sufficient lead-time is essential in obtaining materials and coordinating schedules between PSE&G and local paving projects.
- Provide milling schedule. Project specific dates are required in hard copy.
- Conduct a walk through with job sponsor to identify resets and/or replacements. Please be advised that the final decision to replace facilities due to its condition resides with PSE&G.
- Provide reset elevations to PSE&G's contractor.

Once this information is received, the PSE&G job sponsor will order material (if required) in accordance with vendors lead time and schedule our contractor to complete manhole resets or replacements immediately following the milling process.

The successful contractor should proceed with care; damage to existing facilities or debris contaminating PSE&G manholes and or transformer vaults will be repaired or remedied at the contractor's expense.

Please be aware of the Underground Facilities Protection Act, codified NJSA 48:2-73 to 91, which requires contractors to notify "New Jersey One-Call" for utility markout "New Jersey One Call" Can be reached at 1-800-272-1000. PSE&G's contractor cannot begin work until four (4) business days after the markout request.

Please bring to the successful contractor's attention in New Jersey High Voltage Proximity Act, codified at N.J.S.A. 34:6-47.1 to 47.10, concerning precautions to be taken when working the proximity of high voltage wires.

In addition, we would also recommend that the contractor review the requirements for operators of construction equipment under the Occupational Safety and Health Act of 1970 (OSHA) and of Subpart "N", Paragraph 1926.550 of the Rules and Regulations issued thereunder and codified at 29 CFR 1926.550, which, in part, requires different working clearance than the State Law.

If you should have any questions, please contact me at (201) 330-6629 or Richard.dwyer@pseq.com.

APPENDIX B: STANDARD CONSTRUCTION DETAILS
