GENERAL NOTES

Horizontal alignment is based on offsets from existing Route 926 and the Delaware Turnpike.
Vertical Control is based on U.C.S. O.G.S. datum.
Base sheets providing existing topography, horizontal alignment, and grade were prepared from field plans used for the construction of what is now the existing Delaware Turnpike. The survey field information was used to incorporate the latest additions or changes in topographical features. A composite image is used to show this existing information. Work to be performed in this Contract is shown in full, cross-sectioned plans, and construction notes.

The vertical alignment of the proposed SR 698 Southbound Ramps generally follows the existing vertical alignment. See Typical Sections.

Controlled Access Lines shown on sheets is also a New line.

All existing utilities shown in the existing plans are to remain in operation if not replaced in this Contract or specifically directed by the Engineer to be removed by the Contractor.

All transverse joints in proposed concrete pavement are to be spaced to line up with the transverse joints in the existing pavement.

The existing roadway shown in the plans and the pile driving records for the existing bridges are available for the Contractor's inspection to the extent of the Engineer.

For General Notes pertaining to Structures see the General Plan Sheets for the individual structures.

Cutout transitions from either Approach Curve Type B or Common Curve Type C to match the existing bridge width with the new bridge piers shall be accomplished in a 0.75 transition section.

All items shown on the plans to be either relocated or removed by others will be completed prior to the starting or in conjunction with this Contract.

For General notes pertaining to Typical Sections and Maintenance of Traffic see sheets 4 and 57 respectively.

GENERAL LEGEND

<table>
<thead>
<tr>
<th>Description</th>
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<tr>
<td>Existing Storm Water Drainage</td>
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</table>

ELECTRICAL NOTES

1. Stanchion and spacing between lighting standards, and the location of junction boxes and conduit runs shown on the Plans are all approximate, but are to be followed as closely as possible, unless otherwise ordered by the Engineer.

2. Existing concrete foundations of lighting standards which are being relocated shall be removed or demolished as directed. The complete lighting standard assembly shall be reinstated on new concrete foundations, as prescribed in the Specifications.

3. All required receptacles to the existing conduit runs, where indicated on the Plans, shall be made with the same type and size of conduit as the existing runs.

4. Frames and covers of junction boxes designed to be removed or demolished, shall be salvaged (see Specifications).

5. Existing metal boxes shall be provided at all four points of all contact runs. Where possible conduits shall be stripped to drain to prevent water damage to building finishes.

6. All electrical work performed on Overhead Sign Structure, based and including the control cabinet, and the electric conduit cut-out from sign foundation shall be provided by others (see Specifications).

7. All conduits shall be GG#1, insulation and color-coded (see Specifications).

8. All conduit ends not connected shall be left capped by means of insulating and sealing them in the same manner as required by the specifications for cable splices.

9. The following sections are used throughout lighting plans and electrical plans:

   a. Lighting Standards: Identifications, such as D-1-3, refer to a lighting standard symbol, the first figure indicates the lighting standard number. The second figure indicates the circuit number. The third figure designates the lantern-number connection.
   b. Junction Box: Such as J-1, 1 when 3 conduit, or J-2, 2 when 4 conduit, the first figure indicates the size of conduit, the second figure indicates the number of cables, and the third figure designates the size of conduit.
   c. Junction Box: Such as J-1, 1 when 3 conduit, or J-2, 2 when 4 conduit, the first figure indicates the size of conduit, the second figure indicates the number of cables, and the third figure designates the size of conduit.

ELECTRICAL LEGEND

- New or Relocated Type A Lighting Standard on New Concrete Foundation.
- New or Relocated Type B Lighting Standard on New Concrete Foundation.
- New Type C Lighting Standard with Porcelain Mounting Bracket.
- Relocated Type D Lighting Standard on New Concrete Foundation.
- Existing Type A Lighting Standard to be Relocated.
- Existing Type B Lighting Standard to be Relocated.
- Existing Type D Lighting Standard to be Relocated.
- Existing Type A Lighting Standard to remain.
- Existing Type B Lighting Standard to remain.
- Existing Type C Lighting Standard to remain.
- Existing Type D Lighting Standard to remain.
- New Underbridge Lighting Luminaire.
- New Concrete Junction Box.
- New Junction Box and Lighting Standard Anchor Bolt on Structure.
- Existing Concrete Junction Box to remain (Anchor Bolts otherwise relocated).
- Existing Existing Junction Box and Lighting Standard Anchor Bolt on Structure.
- Existing conduit fitting to be removed.
- Existing, Relocated or New 1st Place Service Cabinet.
- Existing, Relocated or New 2nd Place Service Cabinet.
- Existing, Relocated or New 3rd Place Service Cabinet.
- Existing, Relocated or New 4th Place Service Cabinet.
- Existing, Relocated or New 5th Place Service Cabinet.
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- Existing, Relocated or New 44th Place Service Cabinet.
- Existing, Relocated or New 45th Place Service Cabinet.
- Existing, Relocated or New 46th Place Service Cabinet.
GENERAL NOTES:

The maintenance and protection of traffic and construction schedule plans are intended to provide a general guide to be followed by the Contractor during construction. It is recognized that minor features of this plan will be subject to daily modifications. Any changes to the general plan must be approved by the Engineer.

All lane closures must have prior approval of the Engineer.

Cross placement for approaches to barrier, curbs, and installations shall be 50 feet in length except as shown and noted.

For Details see sheets 43 & 44.

Two Flashing Lights shall be placed on the first exit of each section Timber Barrier Curb.

Two Flashing Lights shall be placed on each Sign Support.
NOTES

All roadway joints shall conform to the crown and grade of the roadway surface.

It is absolutely essential that the openings for the preformed neoprene joint sealers be accurately formed and constructed to smooth, straight lines. The size of the opening shall be adjusted to allow for the temperature of the time of construction.

Coal of the joints to be included in Portland Cement Concrete Masonry.
NOTES:

Junction box frame and cover shall be H.D. Galvanized after fabrication.
Anchor bolts, washers and nuts shall be H.D. Galvanized steel.
All metal conduits and fittings shall be H.D. Galvanized (see specs).

Grounding bushings shall be equal to O.C. Type 20B.
For location of lighting standards see Sheet No. 5 of 9.
Location of junction box with respect to light standard will be such that it will clear any parapet jump and at the same time maintain the specified distance.
Cost of 1" G and 2" G W.I. conduits embedded in concrete and junction box on structure to be included in price bid for Item 3.H.C. Masonry - Superstructure.
TYPICAL WINGWALL

ELEVATION
Abut 3 EAST & Abut 4 WEST WINGWALL

PLAN OF ABUTMENT 3 & 4

ELEVATION
Abutment 3 as shown
Abutment 4 opp head

Note: Elevations shown thus (93.02) refer to Abutment 4 only.

DETAIL E

DELAWARE STATE HIGHWAY DEPARTMENT
DELAWARE TURNPIKE
ROUTE 896 INTERCHANGE IMPROVEMENTS
BRIDGE OVER DELAWARE TURNPIKE
ABUTMENTS 3 & 4

LEGEND
H P Denotes Near Face
E P Denotes Each Face
P F denotes Face
T & S denotes Top and Soffit.

PLAN OF FOOTING.
TYPICAL PLAN - PER 2-1-4
Scale 1/7'-0"

TYPICAL PLAN - PER 7-6-9
Scale 1/7'-0"

SCUPPER PLAN
Scale 1/7'-0"

SECTION A-B
Scale 1/7'-0"

SECTION D-D
Scale 1/7'-0"

HOPPER DETAIL
Scale 1/7'-0"

BRACKET 'A' DETAIL
Scale 1/7'-0"

EXISTING SCUPPER MODIFICATION
Scale 1/7'-0"

NOTES:
All pipe to be black wrought iron, standard weight.
All fittings to be welded, wrought iron, standard weight.
All pipe and fittings to be galvanized.
All brackets, rods, straps, plate bolts, nuts and washers to be galvanized.
All gaskets and frames shall be cast steel.
All testing door spouts shall be removed, soaped down spouts and grates shall be reused at new spouters.

DELaware STATE HIGHWAY DEPARTMENT
DElaware TURNPike
ROUTE 9R INTERCHANGE IMPROVEMENT
BRIDGE OVER DELAWARE TURNPike
DRAINAGE DETAILS

DELaware TURNPIKE
CONTRACT NO: 77-53
NEW YORK, NASSAU COUNTY
UNIT NO: 28-025
ESTIMATED QUANTITIES

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<th>DESCRIPTION</th>
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GENERAL NOTES:

Design Live Load: H-20-44
Design Stress: Concrete f = 1200 p.s.i. Structural and Reinforcing Steel f = 20,000 p.s.i.

Concrete:

All exposed edges shall be chamfered 1" unless otherwise noted.

Bar Rebar:

Bar reinforcement shall be deformed billet steel bars (A-53) grade 60.

All bar caps shall be a diameter of minimum of the smallest bar spaced, unless otherwise noted.

In splicing the total length shown for each bar, dimensions of splices, joining each bar (not less than 8"), were carried to the point of intersection of both bars and no assumptions were made for the shorter distance along the curve. The Contractor shall take this fact into consideration when ordering and fabricating bent bars.

The first digit of the bar mark denotes the bar size, e.g. 460 is a #6. Bar Structural Steel: Structural steel shall conform to the requirements of A.558. Designation 460 except as noted.

Pipes: All pipes in requirements shall be 8000000 steel bearing pipes driven to a minimum bearing capacity of 50 tons. All pipes in fills shall be 4 8" cast-in-place concrete pipes driven to a minimum bearing capacity of 50 tons.
DELAMARRE TURNPIKE
DEPARTMENT OF TRANSPORTATION
ROUTE 87 INTERCHANGE IMPROVEMENTS
BRAHBRIDGE OVER CHRISTOPHER RIVER
ABUTMENTS

NOTES:
For general notes see sheet No. 1 of 8.
For Wingwall and Typical Pad Details see sheet No. 3 of 8.
Min. Reinforcing steel concrete cover to footing: 6" above footing.
Backfill behind abutments to be placed only after bridge deck has been completed.
All bars spaced 9/16" max. circ. unless noted.
All construction joints to have 25' continuous key.

Legend:
E.F. Denotes Face of End of Bridge
P.P. Denotes Face of Parapet
V indicates vertical pile
X indicates 3/8" batter piles and direction of batter.

DELAMARRE STATE HIGHWAY DEPARTMENT
DELAWARE TURNPIKE
ROUTE 87 INTERCHANGE IMPROVEMENTS
BRAHBRIDGE OVER CHRISTOPHER RIVER
ABUTMENTS

DELAMARRE TURNPIKE
DEPARTMENT OF TRANSPORTATION
ROUTE 87 INTERCHANGE IMPROVEMENTS
BRAHBRIDGE OVER CHRISTOPHER RIVER
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DELAMARRE STATE HIGHWAY DEPARTMENT
DELAWARE TURNPIKE
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