

DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION  
ADMINISTRATION BUILDING  
110 WOOD & GROVE STREETS  
MORRISVILLE, PA 19067

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ADDENDUM NO. 1

This **Addendum No. 1** gives additional information in connection with **Contract No. T-644A, Capital Project 1323A, I-78 Bridges and Approach Slab Rehabilitation** and is hereby made a part of the Contract. This Addendum is to be signed by the Contractor below and this **Page AD1-1** is to be attached to the bid proposal.

This Addendum including pages **AD1-1** through **AD1-8** is hereby accepted and agreed that it shall become part of **Contract No. T-644A, Capital Project 1323A** Documents.

\_\_\_\_\_  
(DATE)

\_\_\_\_\_  
(CONTRACTOR'S NAME)

(SEAL)

BY: \_\_\_\_\_

ATTEST: \_\_\_\_\_

**ADDENDUM NO. 1**

CHANGES TO THE NOTICE TO CONTRACTORS

1. Replace page 1 of the NOTICE TO CONTRACTORS with page **1, AD1-3** attached. The bid opening date was changed on this page from March 30, 2017 to April 6, 2017.

CHANGES TO THE PROPOSAL

1. Replace PROPOSAL sheet **A-2** with sheet **A-2, AD1-4** attached.
2. Replace PROPOSAL sheet **A-7** with sheet **A-7, AD1-5** attached.

CHANGES TO THE CONTRACT

1. Replace CONTRACT sheet **D-9** with sheet **D-9, AD1-6** attached.

CHANGES TO THE SPECIAL PROVISIONS

1. Replace SPECIAL PROVISIONS page **SP-129** with page **SP-129, AD1-7** attached.

CHANGES TO THE PLANS

1. Replace PLAN sheet No. 95 (**BP-21**) with Plan sheet No. **95R, BP-21, AD1-8** attached.

Attachments: Notice to Contractors – Page 1 (AD1-3)  
Proposal – Page A-2 (AD1-4)  
Proposal - Page A-7 (AD1-5)  
Contract - Page D-9 (AD1-6)  
Special Provisions – Page SP-129 (AD1-7)  
Plan Sheet 95R, BP-21, (AD1-8)

END OF ADDENDUM NO. 1

**DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION  
EXECUTIVE OFFICES  
2492 RIVER ROAD  
NEW HOPE, PENNSYLVANIA 18938-9519**

**CONTRACT NO. T-644A, CAPITAL PROJECT 1323A  
I-78 BRIDGES AND APPROACH SLABS REHABILITATION**

**NOTICE TO CONTRACTORS**

**March 2, 2017**

Sealed bids for Contract No. T-644A, Capital Project 1323A, I-78 Bridge and Approach Slab Rehabilitation, will be received by the Delaware River Joint Toll Bridge Commission at its Administration Building, 110 Wood and Grove Streets, Morrisville Pennsylvania 19067 until **2:00PM (Local Time), THURSDAY, April 6, 2017** at which time and place all bids will be publicly opened and read.

**SCOPE OF WORK**

I-78 Bridges and Approach Slabs Rehabilitation consists of approximately 7.0 miles of roadway, five (5) bridges, and a Welcome Center in the Commission's jurisdiction within Pennsylvania, six (6) bridges in the Commission's jurisdiction within New Jersey, and two (2) bridges on I-78 over the Delaware River. All work on this project, consisting of, but not limited to, the following items of work, shall be carried out according to the Contract Plans and Specifications within the specified construction time limitations. Specific improvements and repairs to the I-78 Bridges and Approach Slabs Rehabilitation include, but are not limited to:

- A. *Precast Approach Slab Replacements*: This work includes the repair and replacement of concrete approach slabs as indicated on the contract drawings.
- B. *Painting Existing Structural Steel*: This work includes the removal and repainting of New Jersey bridges as indicated on the contract drawings.
- C. *Asphalt Overlay and Regrading*: This work includes an asphalt overlay of the existing roadways and proposed approach slabs as indicated on the contract drawings.
- D. *Deck Seal Coat*: This work includes prepping the existing deck, performing miscellaneous spall repairs, and sealing the entire deck of all bridges shown on the contract drawings with a penetrating sealer material.
- E. *Miscellaneous Substructure Repairs*: This work includes the delineation of deteriorated substructure concrete, the removal of the concrete and the patching of the repair areas as shown on the contract drawings.
- F. *Welcome Center Repairs*: This work includes all work within the Welcome Center, Administration Area and Maintenance Area as shown on the contract drawings.

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- E. *Miscellaneous Substructure Repairs*: This work includes the delineation of deteriorated substructure concrete, the removal of the concrete and the patching of the repair areas as shown on the contract drawings.
- F. *Welcome Center Repairs*: This work includes all work within the Welcome Center, Administration Area and Maintenance Area as shown on the contract drawings.
- G. *Re-Stripping*: This work includes re-stripping of all roadways within the Commission's jurisdiction and replacement of damaged or missing flexible delineators and raised pavement markers as indicated on the contract drawings.

For the purpose of preparing progress schedules and estimates for payments to the Contractor, the work to be performed under this Contract has been divided into items, and a quantity for each item has been estimated. Any omission of the mention of any of the work to be performed under each item does not relieve the Contractor from his obligation to complete each and every item of work contracted for as shown on the Contract Drawings or called for in the Specifications necessary to complete the entire project. Any item of work called out on the Drawings but not called out in the Specifications, or vice versa, any item of work or detail not called out on the Drawings, but called out in the Specifications, shall be considered the same as if called out in both the Specifications and the Drawings.

All tolls, including tolls for crossing Commission facilities, are to be paid by the Contractor and the Contractors agents.

Bids for this project were advertised to be received by the Delaware River Joint Toll Bridge Commission at its Administration Bldg., 110 Wood and Grove Streets, Morrisville Pennsylvania 19067 until

**2:00PM (Local Time), Thursday, April 6, 2017** at which time and place all bids will be publicly opened and read.

For the purpose of preparing progress schedules and estimates for payments to the Contractor, the work to be performed under this Contract has been divided into items, and a quantity for each item has been estimated. Any omission of the mention of any of the work to be performed under each item does not relieve the Contractor from his obligation to complete each and every item of work contracted for as shown on the Contract Drawings or called for in the Specifications necessary to complete the entire project. Any item of work called out on the Drawings but not called out in the Specifications, or vice versa, any item of work or detail not called out on the Drawings, but called out in the Specifications, shall be considered the same as if called out in both the Specifications and the Drawings.

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**CONTRACT NO. T-644A, CAPITAL PROJECT 1323A  
I-78 BRIDGES AND APPROACH SLABS REHABILITATION**

<b>PACKAGE A ITEMS</b>						
<b>SEQ. NO.</b>	<b>ITEM NO.</b>	<b>DESCRIPTION *Item requiring a component item schedule (CIS)</b>	<b>UNIT</b>	<b>QUANTITY</b>	<b>UNIT PRICE</b>	<b>ITEM PRICE</b>
53	1008-0003	PREFORMED NEOPRENE COMPRESSION JOINT SEAL, 1 ½" MOVEMENT	LF	70		
54	1008-0004	PREFORMED NEOPRENE COMPRESSION JOINT SEAL, 2" MOVEMENT	LF	66		
55	1008-0005	PREFORMED NEOPRENE COMPRESSION JOINT SEAL 2 ½" MOVEMENT	LF	334		
56	1091-0331	EPOXY INJECTION CRACK SEAL	LF	16		
57	5019-0020	PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (PENETRATING SEALERS, REINFORCED CONCRETE)	SY	765		
58	5019-0050	PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (PENETRAING SEALERS, BRIDGE SUSPERSTRUCTURE)	SY	26,132		
59	5050-0080	PLAIN NEOPRENE BEARING PAD	EA	1		
60	5056-0450	FLAME CUTTING	EA	2		
61	5090-0100 *	JACKING BRIDGE SUPERSTRUCTURE	LS	LUMP SUM		
62	5090-0611	CLASS A CEMENT CONCRETE REPAIRS	CY	4		
63	9000-0001	ALLOWANCE FOR UNFORSEEN WORK	PDA	PDA	\$300,000.00	\$300,000.00
64	9000-0002	DIESEL FUEL PRICE ADJUSTMENT	PDA	PDA	\$43,526.91	\$43,526.91
65	9000-0003	ASPHALT PRICE ADJUSTMENT	PDA	PDA	\$11,200.00	\$11,200.00
66	9000-0150	PRESTRESSED BEAM END REPAIRS	CF	2		
67	9019-0001	SEAL BRIDGE BARRIERS	SY	4,504		
68	9019-0010	PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (SPRAY APPLIED WATERPROOFING SYSTEM)	SY	919		
69	9019-0050	PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (PENETRATING SEALERS, REINFORCED CONCRETE)	SY	13		
70	9051-5001	DOWNSPOUTING, MODIFIED (I-78 TOLL BRIDGE)	EA	18		

**DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION**  
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**CONTRACT NO. T-644A, CAPITAL PROJECT 1323A**  
**I-78 BRIDGES AND APPROACH SLABS REHABILITATION**

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55	1008-0005	PREFORMED NEOPRENE COMPRESSION JOINT SEAL 2 1/2" MOVEMENT	LF	334		
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70	9051-5001	DOWNSPOUTING, MODIFIED (I-78 TOLL BRIDGE)	EA	18		

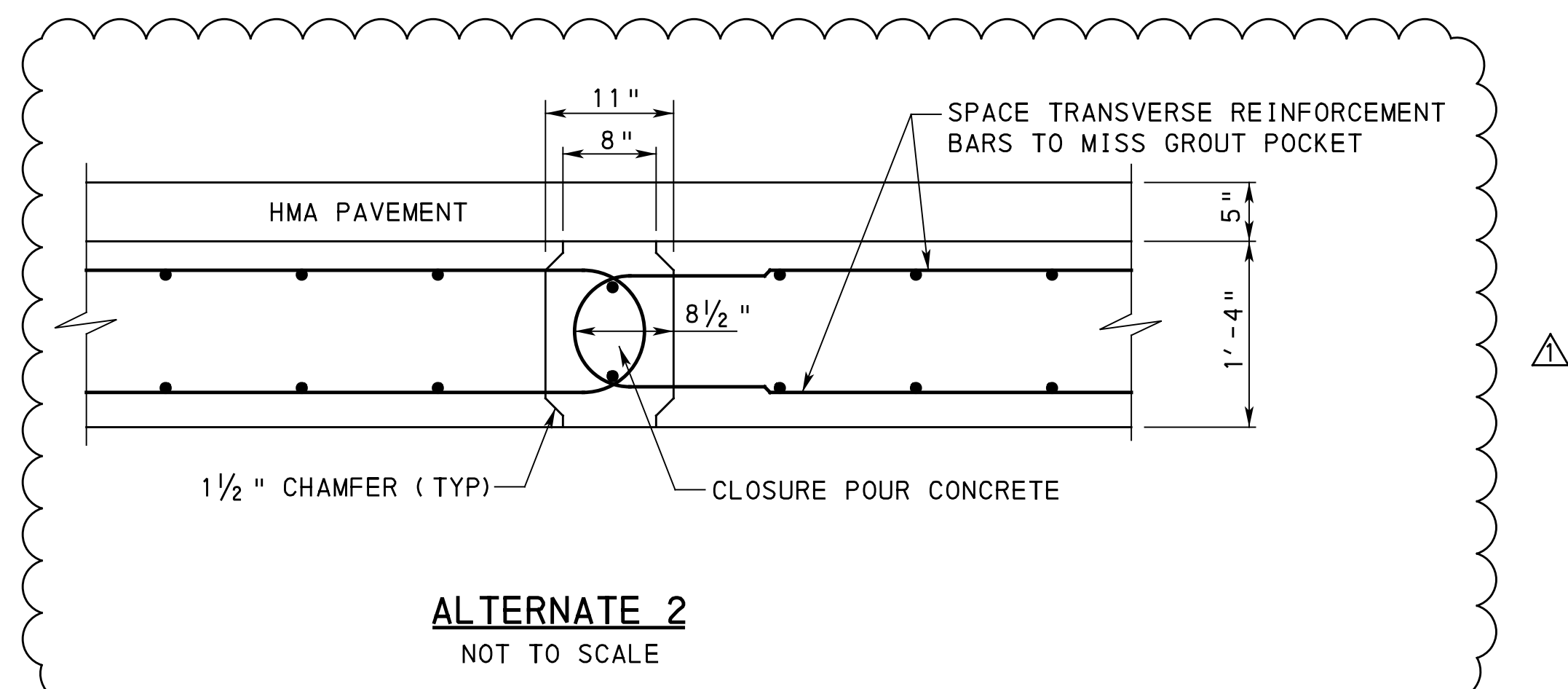
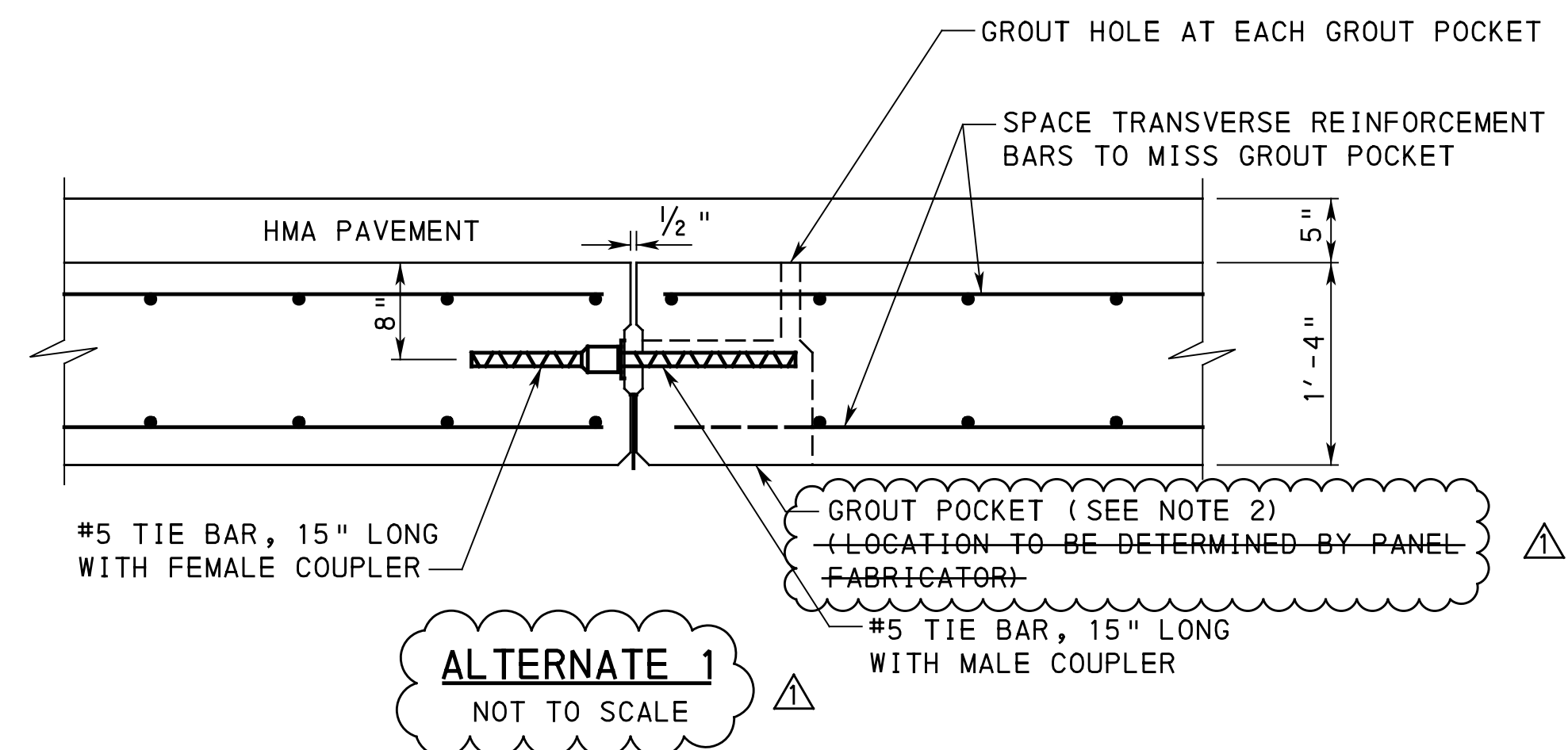
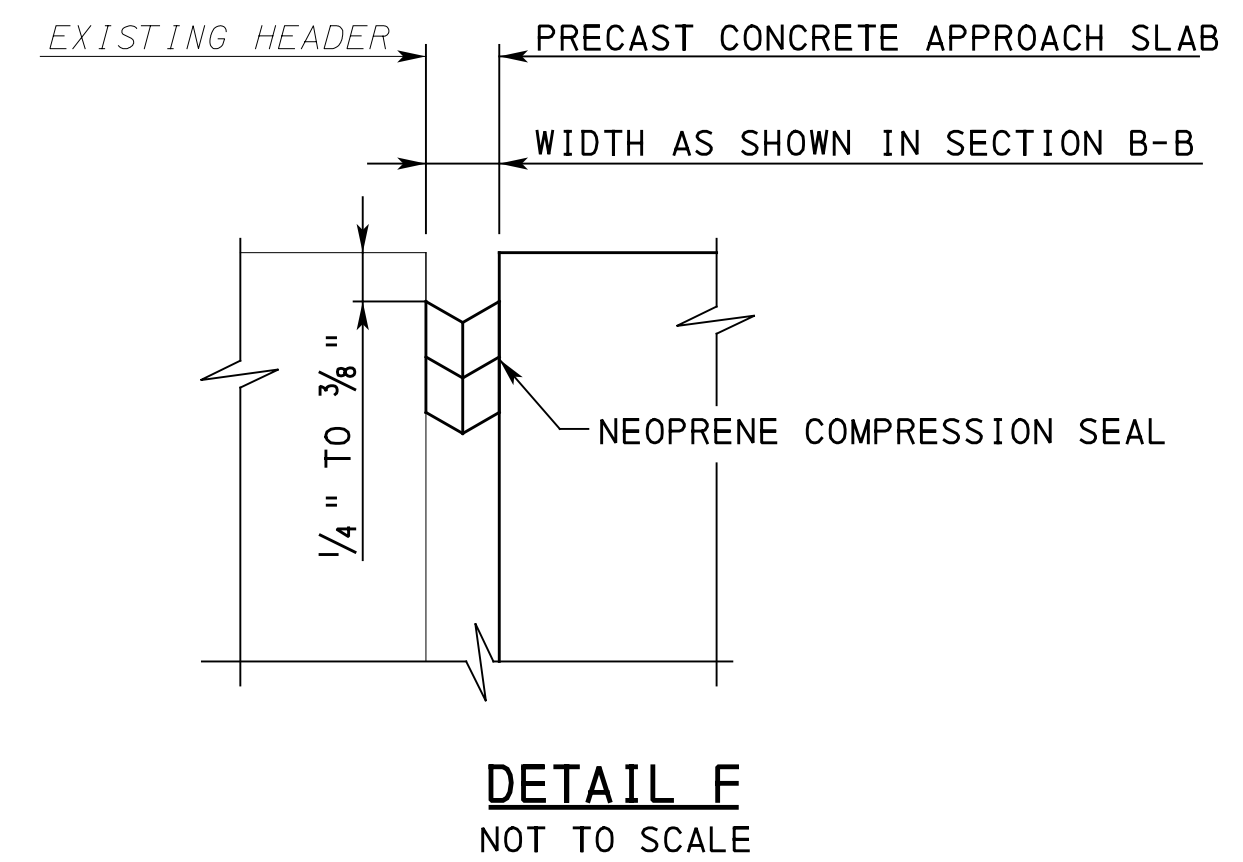
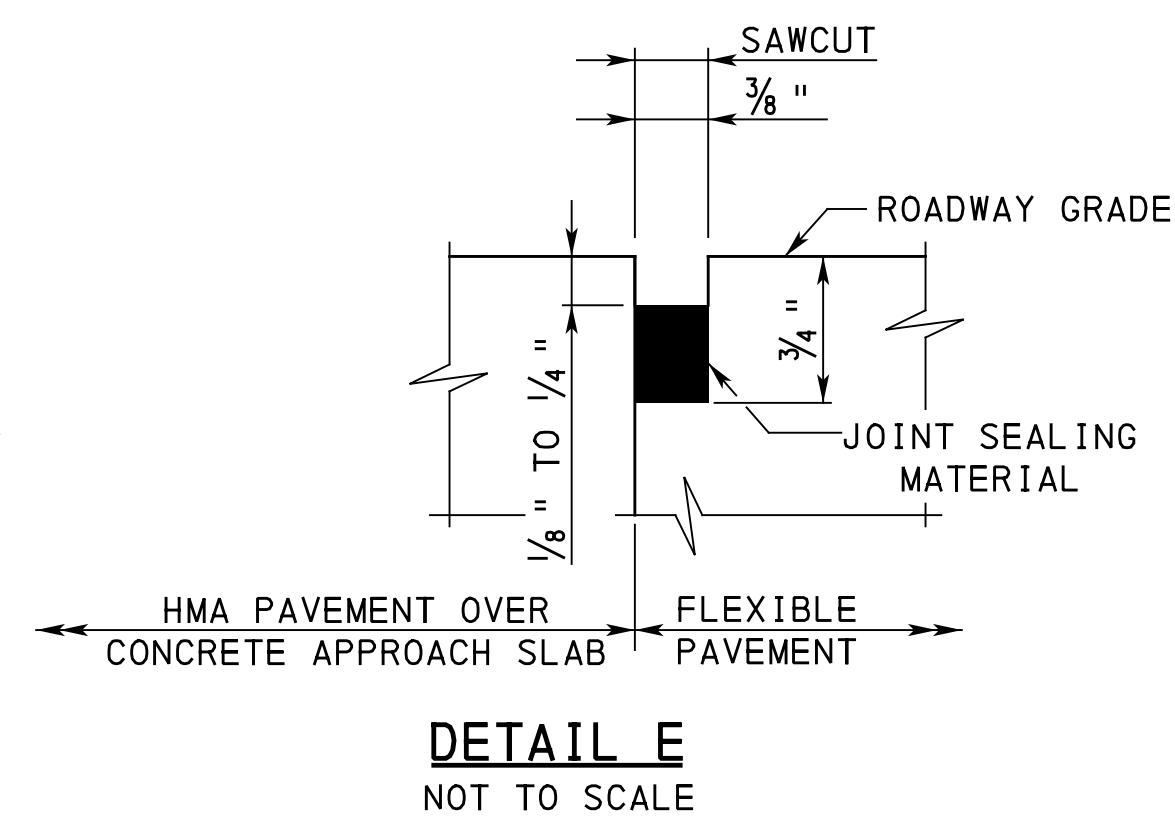
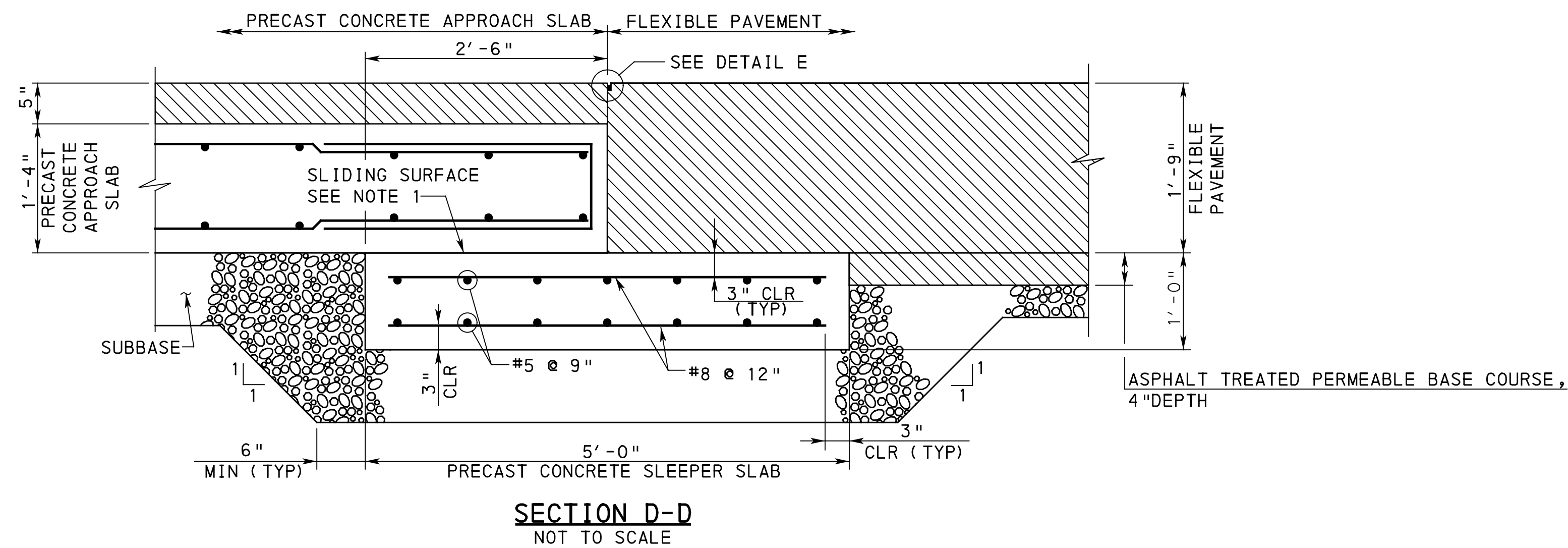
ITEM 9999-9999 PRECAST CONCRETE APPROACH SLAB PANELS AND PRECAST CONCRETE SLEEPER SLAB PANELS

**DESCRIPTION** - This work includes the test pit (field verification), and is the manufacture, storage, delivery, installation, and assembly of precast reinforced concrete approach slab panels and sleeper slab panels.

**MATERIAL** -

- (a) Precast Reinforced Concrete Elements. Obtain from a manufacturer listed in Bulletin 15. The contractor shall achieve a minimum 28- day compressive strength of 5,000 psi or as shown on the approved shop drawings. Manufacture all units in accordance with tolerances shown on PENNDOT Drawing 12-603-BDTD Sheet T-3 “Tolerance for Precast Elements, Approach Slab Elements”.
- (b) Epoxy Coated Reinforcement Bars. Section 1002
- (c) Inserts (lifting devices). ASTM A51. Galvanized. Provide minimum safety factor of 4:1.
- (d) Leveling devices. ASTM A51. Galvanized. Provide minimum safety factor of 2:1.
- (e) Joint Sealing Material. Section 705.4(a)
- (f) Joint Backing Material. Section 705.9
- (g) Water stops. Section 705.5(c)
- (h) Anchor Bolts, Nuts, and Washers. Section 1088.2(b)
- (i) Bond breaker. Section 518.2(e). Revise to read: minimum 4-mil thickness.
- (j) High Early-Strength Cement Concrete. Section 1001.2(a)
- (k) Closed-Cell Neoprene Sponge. Section 1107.02 (p) 1
- (l) Flowable Bedding Concrete. Section 220.2 Use PENNDOT Standard Flowable Backfill

**CONSTRUCTION** – Prior to fabrication of Precast Concrete Approach Slab Panels and Precast Concrete Sleeper Slab Panels, the contractor should conduct a field verification of the paving notch height to determine the haunch of the precast approach slabs. The contractor shall dig a test pit in the shoulder immediately adjacent to the travel lane at locations as indicated on the contract drawings. The adjacent travel lane shall have no active traffic and the test pit shall be protected. Upon completion of this verification, contractor to fill the test pits with Selected Borrow



**SECTION C-C**  
NOT TO SCALE

- NOTES:**
1. THE CONTRACTOR HAS THE OPTION OF USING EITHER PROPRIETARY PRECAST APPROACH SLABS OR CONVENTIONALLY FABRICATED PRECAST APPROACH SLABS PROVIDED THAT THE PROPOSED SLABS MEET THE REQUIREMENTS OF PAY ITEM 9999-9999 AND CAN BE CONSTRUCTED WITHIN THE CONSTRAINTS OF SPECIFICATION SECTION 901.
  2. SECTION C-C ALTERNATE 1 IS AN EXAMPLE OF AN ACCEPTABLE PROPRIETARY PRECAST APPROACH SLAB. NOTE THAT THE GROUT POCKETS IN THE BOTTOM OF THE SLAB SHOWN IN ALTERNATE 1 ARE PART OF THE SUPER-SLAB® PRECAST CONCRETE PAVEMENT SYSTEM WHICH IS PROPRIETARY TO THE FORT MILLER CO., SCHUYLerville, NY 12871. ALTERNATIVE PROPRIETARY SLAB DETAILS MAY BE USED SUBJECT TO THE APPROVAL OF THE ENGINEER.
  3. SECTION C-C ALTERNATE 2 IS A CONVENTIONALLY FABRICATED PRECAST APPROACH SLAB DETAIL THAT IS CONSISTENT WITH PENNDOT STANDARDS. THIS DETAIL CAN BE USED IN LIEU OF A PROPRIETARY PRECAST APPROACH SLAB DETAIL.
  4. THE SLAB LAYOUT SHOWN ON SHEET BP-20 IS BASED ON ALTERNATE 1 AND IS PROVIDED FOR ILLUSTRATIVE PURPOSES ONLY. THE FINAL SLAB LAYOUT WILL NEED TO BE PROVIDED BY THE CONTRACTOR BASED ON THE CONTRACTORS PROPOSED APPROACH SLAB DETAILS.

- REFERENCES:**
1. FOR ADDITIONAL APPROACH SLAB DETAILS, SEE SHEET BP-20.

DELAWARE RIVER JOINT TOLL BRIDGE COMMISSION  
MORRISVILLE, PENNSYLVANIA

I-78 BRIDGES AND APPROACH SLABS  
REHABILITATION

PRECAST APPROACH SLABS DETAILS - 2

ADDENDUM 1	RGC	TZ	3/30/17	GANNETT FLEMING, INC. CERTIFICATION OF AUTHORIZATION NO. 24GA28032500  THOMAS G. ZINK N.J. PROFESSIONAL ENGINEER NO. 24GE04017800
REVISION	BY	CHK'D	DATE	

SCALE: AS SHOWN	PROJECT NO. T-644A	DRAWING NO. BP-21
DATE: FEBRUARY, 2017		SHEET NO. 95 R

3/30/2017 2:28:59 PM P:\A\GFP\110602.CDR\BRIDGE\GANNETT\GENERAL\DETAILS\APPROACH SLAB DETAILS 2 ADDENDUM 1.DGN