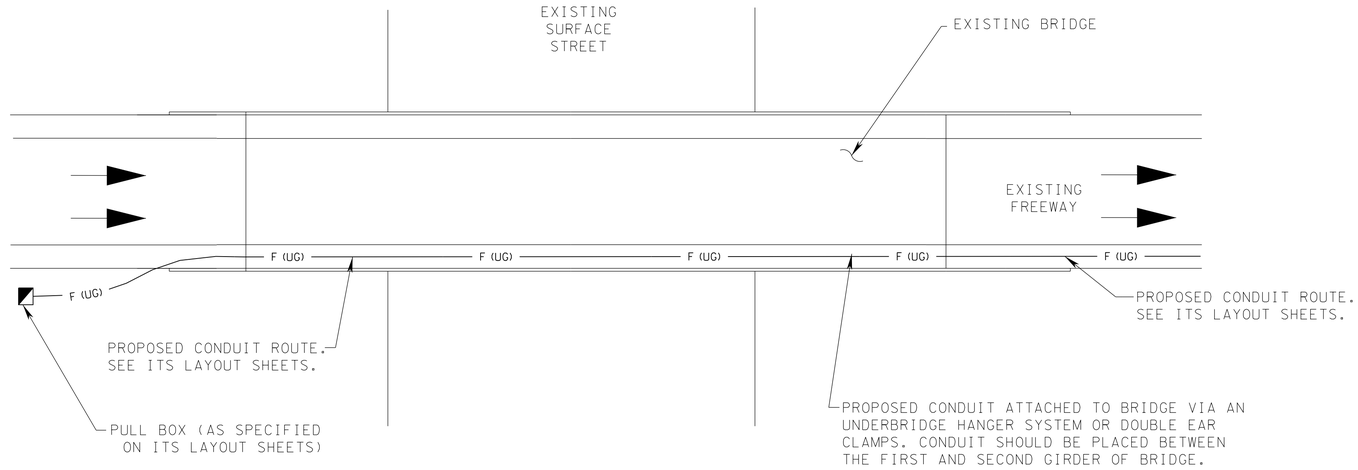
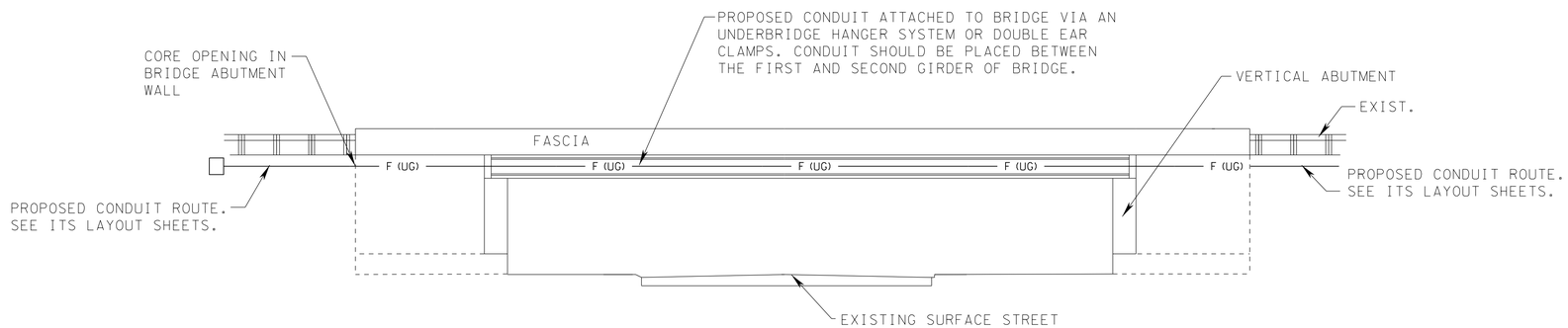
TYPE	YEAR	PROJECT NO.	SHEET NO.
CONST.	2015	BH-I-40-4(86)	43D



TYPICAL BRIDGE PLAN
N.T.S.



TYPICAL BRIDGE PROFILE
N.T.S.

NOTES

1. SEE ITS LAYOUT SHEETS FOR BRIDGE CROSSING LOCATIONS.

2. THESE TYPICAL SECTIONS SHOULD BE APPLIED TO EACH BRIDGE CROSSING AS NECESSARY. IF VARIATIONS FROM THESE TYPICALS ARE NECESSARY, CONTRACTOR SHALL SUBMIT PROPOSED DETAILS TO THE ENGINEER FOR REVIEW AND APPROVAL.

3. ATTACHMENTS TO BE APPROXIMATELY CENTERED IN AN EXTERIOR GIRDER BAY EXCEPT FOR REINFORCED CONCRETE HOLLOW BOX STRUCTURES.

4. ALL UTILITY CONDUIT, HANGERS, BRACKETS, ETC. MUST BE ABOVE THE LOW POINT OF EACH SUPERSTRUCTURE.

5. NO WELDING OR ATTACHMENTS TO STRUCTURAL STEEL ARE PERMITTED.

6. ALL EXPOSED CONDUIT SHALL BE AS DETAILED IN TSP.

7. THE HANGER SYSTEM SUPPORT SPACING SHALL BE 10'-0" MAXIMUM. SPACINGS LESS THAN 10'-0" MAY BE REQUIRED TO AVOID CONFLICTS WITH DIAPHRAGMS, BRACINGS, AND/OR STIFFENERS. DIAPHRAGMS AND ABUTMENT WALLS ARE NOT CONSIDERED "SUPPORTS" FOR CONDUIT.

8. ALL OPENINGS IN DIAPHRAGMS AND ABUTMENT WALLS SHALL BE SEALED WITH EXPANDABLE MATERIAL (i.e. RUBBERIZED OR FLOWABLE FILL EPOXY) THAT RETAINS FILL AND PREVENTS WATER LEAKAGE.

9. INTERMEDIATE DIAPHRAGMS:

   IF INTERMEDIATE DIAPHRAGMS ARE STRUCTURAL STEEL, CARE SHALL BE TAKEN TO AVOID CONFLICTS BETWEEN THE DIAPHRAGMS AND THE CONDUIT OR SUPPORT BRACKETS.

   IN NO CASE SHALL ANY PORTION OF THE CONDUIT OR SUPPORT BRACKETS BE LOWER THAN THE BOTTOM OF ANY ADJACENT GIRDER.

10. ALL BRIDGE ATTACHMENTS NEED TO BE APPROVED BY TDOT DIVISION OF STRUCTURES AND SHOWN ON EXISTING AS-BUILT BRIDGE DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR ATTAINING BRIDGE DRAWINGS FROM TDOT DIVISION OF STRUCTURES.

11. IN NO CASE SHALL CONDUIT BE ATTACHED TO THE OUTSIDE OF THE EXTERIOR GIRDER WITHOUT APPROVAL FROM TDOT DIVISION OF STRUCTURES. APPROVAL WILL ONLY BE GIVEN IN UNUSUAL CIRCUMSTANCES.

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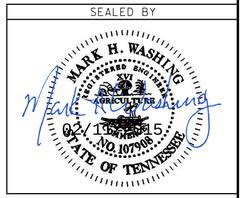

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

TYPICAL BRIDGE ATTACHMENT

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