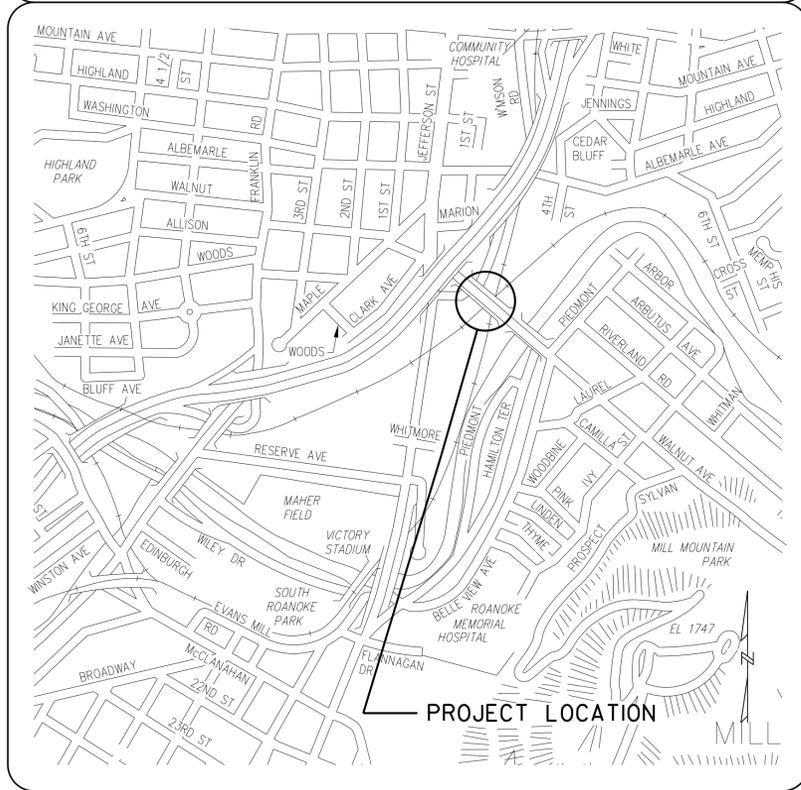


PROJECT LOCATION MAP



OFFICE OF THE CITY ENGINEER
 215 CHURCH AVENUE, SW
 ROOM 350
 ROANOKE, VIRGINIA 24011-1587
 PHONE: (540) 853-2731
 FAX: (540) 853-1364
 ENGINEER @ ROANOKEVA.GOV

INDEX OF SHEETS

SHEET NO.	SHEET TITLE
G1	COVER SHEET
B1	STRUCTURE 1815 - GENERAL PLAN AND SECTION
B2	STRUCTURE 1815 - JOINT REHABILITATION DETAILS

CONSULTING ENGINEERS



10 S. JEFFERSON STREET, SUITE 1600
 ROANOKE, VIRGINIA 24011

AECOM PROJECT NO.: 60222372



PROJECT NAME

BRIDGE DECK JOINT REHABILITATION
 STRUCTURE NUMBER 1815 - WALNUT AVENUE OVER NS RAILWAY

CITY OF ROANOKE, VIRGINIA

CITY PROJECT NUMBER: 6818

APPROVED FOR CONSTRUCTION

ROANOKE CITY ENGINEER

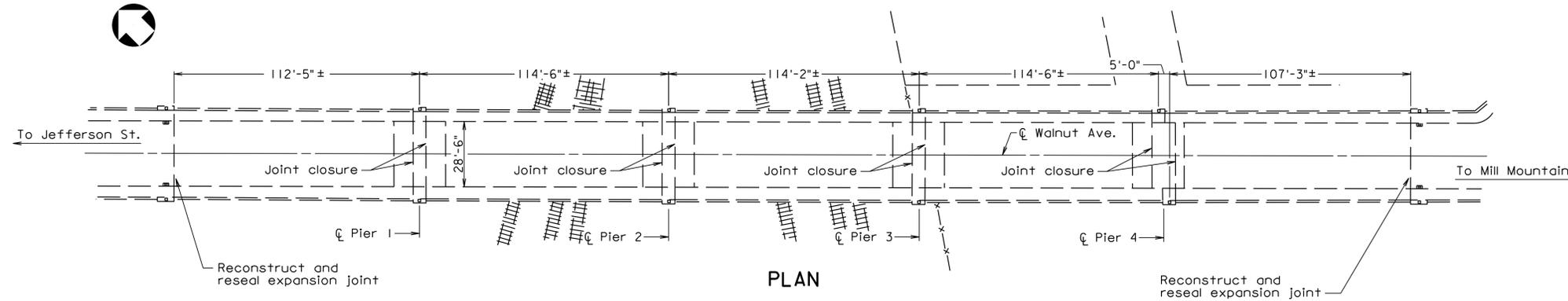
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DIRECTOR OF PUBLIC WORKS

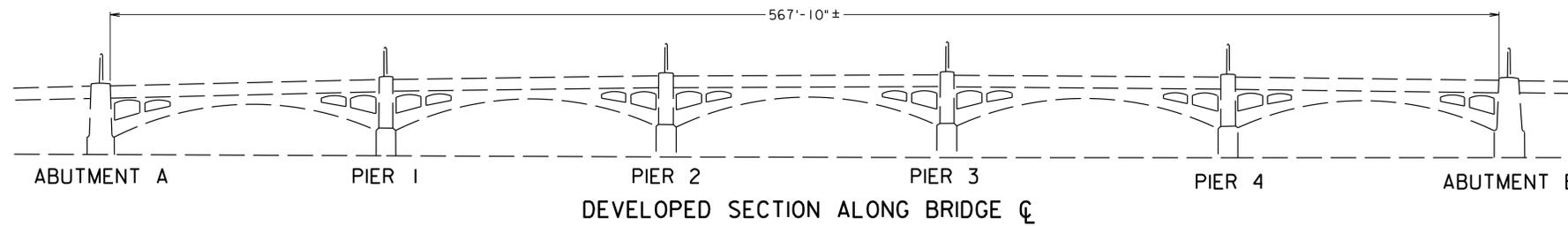
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SHEET NUMBER:

G1



PLAN



DEVELOPED SECTION ALONG BRIDGE CL

GENERAL NOTES

This work shall be completed in accordance with the Virginia Department of Transportation Road and Bridge Specifications, 2007 as amended by the Project Manual.

These plans are incomplete unless accompanied by the Supplemental Specifications and Special Provisions included in the Contract Documents.

Dimensions of existing structure shown on the plans are taken from record drawings. The contractor shall verify in the field all dimensions necessary for construction of this project.

Construction of the joint closures and reconstruction shall be completed in two stages, in order to maintain one lane of two-way traffic at all times during construction. The sequence of operations shall be determined by the Contractor and Contractor shall prepare and submit a maintenance of traffic plan to the Engineer for review and approval.

Lane closures shall be conducted in accordance with the Virginia Work Area Protection Manual and as directed by the Engineer. Traffic control shall include flagging operations.

If any area of the bridge deck is open to traffic before placement of joint closure materials, the opening shall be covered by a steel plate. The edges of the plate shall be beveled and the plate shall be secured to the deck or pavement by anchors. The Contractor shall submit proposed plate details to the Engineer for approval.



PROJECT
**BRIDGE DECK
JOINT REHABILITATION**

CLIENT
CITY OF ROANOKE
Office of City Engineer
215 Church Avenue, SW
Room 350
Roanoke, VA 24011

CONSULTANT
AECOM TECHNICAL SERVICES, INC.
10 S. Jefferson Street, Suite 1600
Roanoke, Virginia 24011
540.857.3100 tel
www.aecom.com

REGISTRATION

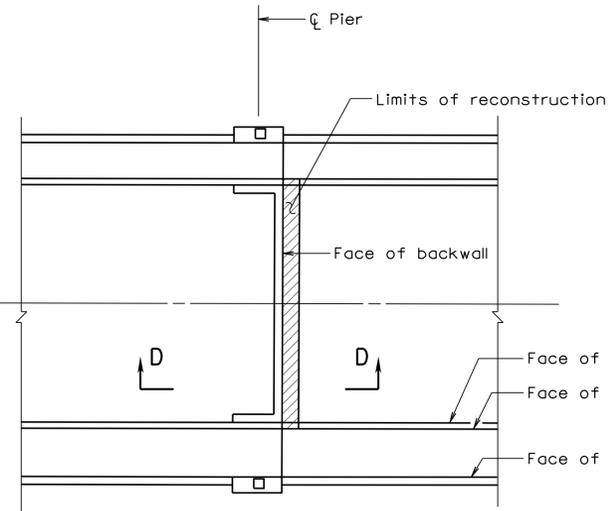


ISSUE/REVISION

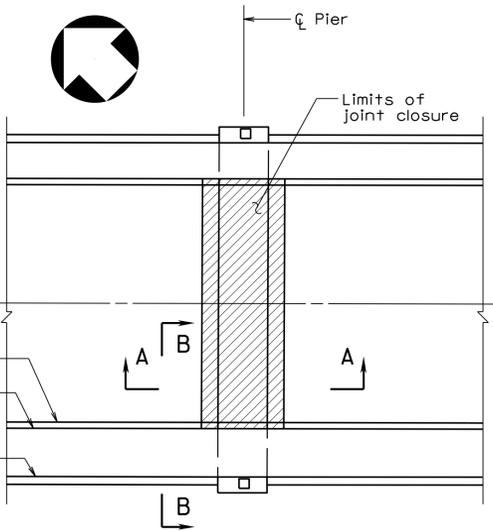
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60222372
SHEET TITLE
STRUCTURE 1815
GENERAL PLAN AND SECTION

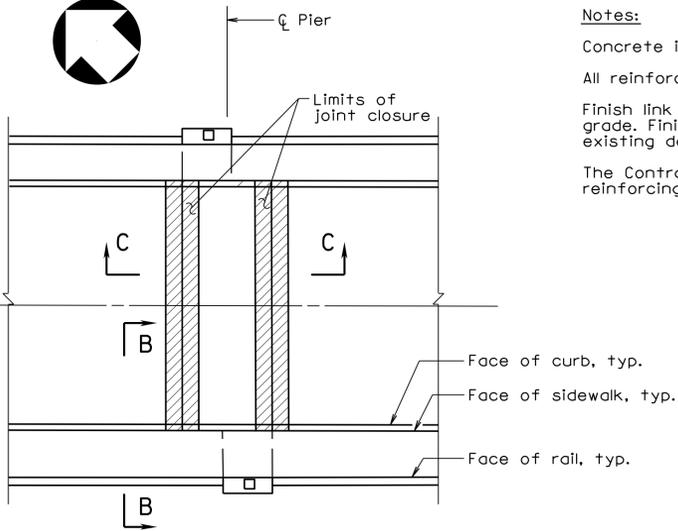
SHEET NUMBER
B1



PLAN - ABUTMENTS



PLAN - PIERS 1, 2 AND 3



PLAN - PIER 4

Notes:
 Concrete in link slab shall be latex-modified.
 All reinforcement in link slab shall be ASTM 615, Grade 60.
 Finish link slab to match existing deck elevations and grade. Finish the surface with tines to simulate the existing deck texture.
 The Contractor shall take care not to damage existing reinforcing steel during demolition.



PROJECT
**BRIDGE DECK
 JOINT REHABILITATION**

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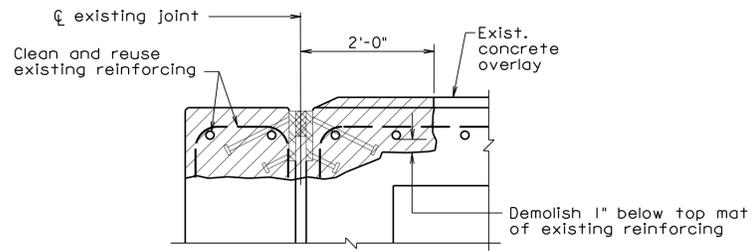
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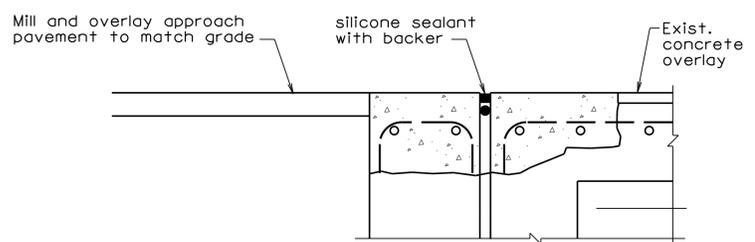
ISSUE/REVISION

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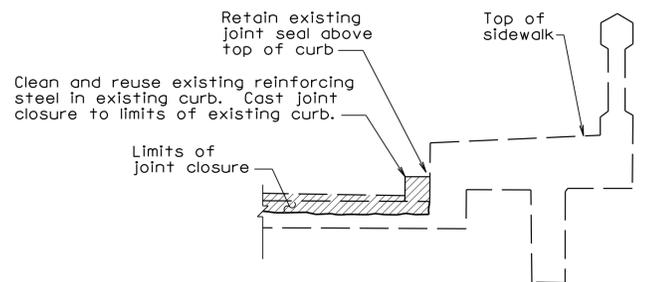
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 SHEET TITLE
 STRUCTURE 1815
 JOINT REHABILITATION DETAILS
 SHEET NUMBER
 B2



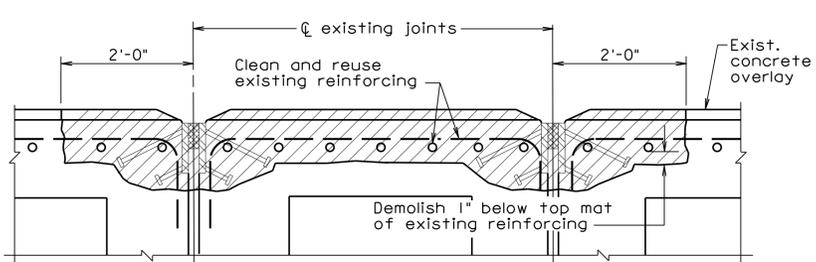
SECTION D-D DEMOLITION



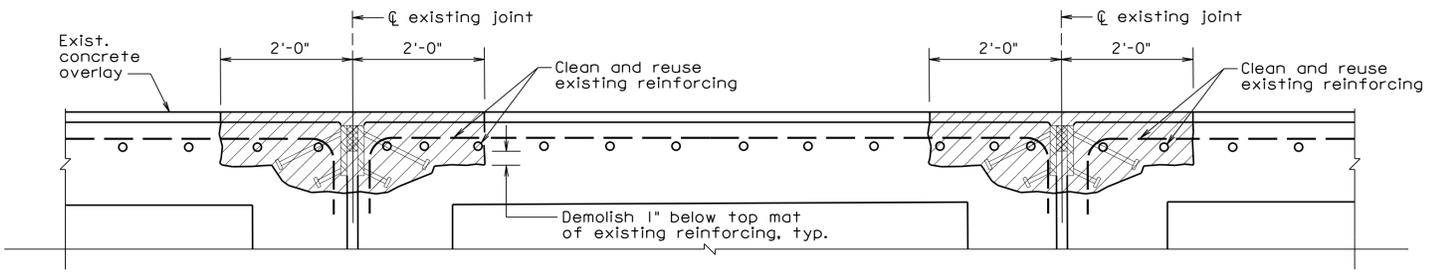
SECTION D-D CONSTRUCTION



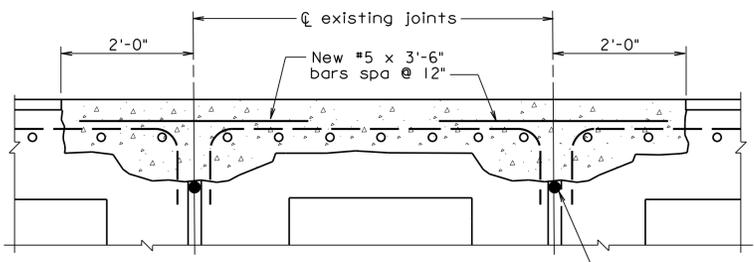
SECTION B-B



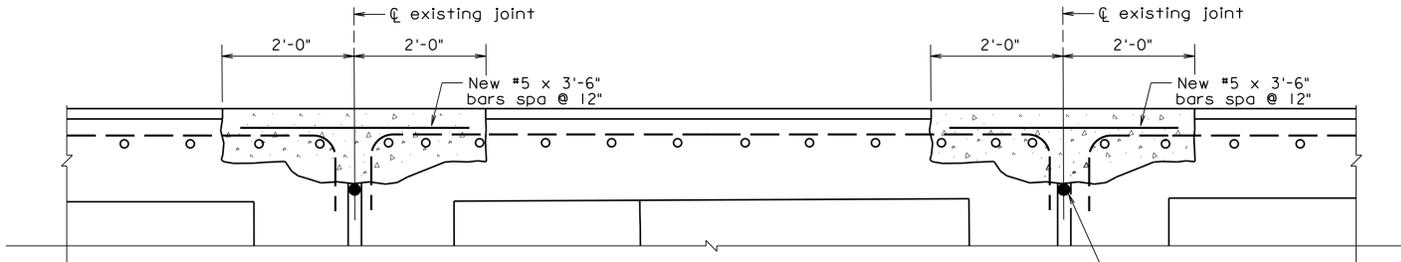
SECTION A-A DEMOLITION



SECTION C-C DEMOLITION



SECTION A-A CONSTRUCTION



SECTION C-C CONSTRUCTION

Not to scale