

COREY O'CONNOR
MAYOR



JEFF SKALICAN
DIRECTOR

CITY OF PITTSBURGH
DEPARTMENT OF MOBILITY & INFRASTRUCTURE
CITY-COUNTY BUILDING

May 22, 2026

VIA ELECTRONIC FILING:

Matthew L. Homsher, Secretary Pennsylvania Public
Utility Commission
P.O. Box 3265
Harrisburg, PA 17105-3265

Re: PUC Application Docket No. _____

**Application of the City of Pittsburgh
for approval of the alteration of an
existing crossing where
the Herron Avenue Bridge crosses above grade,
the tracks of Allegheny Valley Railroad
and Norfolk Southern Railway Corporation,
and the East Busway of the Port Authority
of Allegheny County in the City of Pittsburgh,
Allegheny County, and the Allocation
of Costs Related Thereto.**


Dear Secretary Homsher,

Enclosed for filing, please find the original copy of the Application of the City of Pittsburgh, Department of Mobility and Infrastructure.

A copy of this Application and Exhibits has been served upon the parties in the Certificate of Service to the Application.

Should you have any questions or concerns, please feel free to contact Jeff Skalican, Director of the City of Pittsburgh's Department of Mobility and Infrastructure, at 412-496-5919, at jeff.skalican@pittsburghpa.gov or Zachary Workman, Deputy Chief Engineer at 412-719-4338 or zachary.workman@pittsburghpa.gov.

Sincerely


Jeff Skalican (May 22, 2026 11:57:41 EDT)
Jeff Skalican
Director

Enclosures

cc: Parties of Record
Crystal Magrino, PennDOT
Eric Setzler/ Zack Workman
Rania Asbahan/Tom Tessaro, CDR Maguire
File (MPMS No. 117366)

**BEFORE
PENNSYLVANIA PUBLIC UTILITY COMMISSION**

Application of the City of Pittsburgh for approval)
of the alteration of an existing crossing where) Docket No. _____
the Herron Avenue Bridge crosses above grade,)
the tracks of Allegheny Valley Railroad)
and Norfolk Southern Railway Corporation,)
and the East Busway of the Port Authority)
of Allegheny County in the City of Pittsburgh,)
Allegheny County, and the Allocation)
of Costs Related Thereto.)

TO THE PENNSYLVANIA PUBLIC UTILITY COMMISSION:

1. The name and address of the Applicant is the City of Pittsburgh, City-County Building, 414 Grant Street, Pittsburgh, PA 15219.
2. The names and addresses of counsel for the Applicant are:

Jesse Exilus, Deputy City Solicitor
City of Pittsburgh, Department of Law,
313 City-County Building, 414 Grant Street,
Pittsburgh, PA 15219
jesse.exilus@pittsburghpa.gov

All notices, pleadings and correspondence should be sent to above-named counsel.

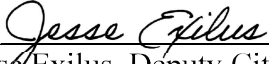
3. The specific matter of this Application is as follows:
 - a) The subject of this Application is the preservation of the Herron Avenue Bridge structure that carries Herron Avenue over the tracks of the Allegheny Valley Railroad and Norfolk Southern Railway Corporation, and over the East Busway of the Port Authority of Allegheny County. The bridge is located in the Lower Lawrenceville and Polish Hill neighborhoods of the City of Pittsburgh in Allegheny County, Pennsylvania.
 - b) The preservation of the bridge is necessary for the safety and convenience of the traveling public.
 - c) The bridge preservation work will consist of replacing the existing asphalt deck overlay with latex-modified concrete overlay, bearing replacement,

expansion joints replacement, repair of deteriorated concrete vehicular barriers and sidewalks, steel superstructure repairs and zone painting at the superstructure joints, concrete pier and abutment repairs, drainage repairs, pedestrian fence and railing replacement or rehabilitation, and upgrade of bridge lighting.

- d) The Herron Avenue Bridge crosses over one active track of Allegheny Valley Railroad at milepost BF-001.40 and three tracks of Norfolk Southern Railway Corporation (two active and one closed) at milepost PT-351.37. The average daily traffic count for the design year 2028 is estimated at 4,824, with 2% trucks.
 - e) The estimated total cost for the required work is approximately \$9,000,000. The funding for the project is 100% federal funds in design but is anticipated to be 80% Federal Funds, 15% State Funds and 5% Local Funds for construction.
 - f) The anticipated let date for this project is June 29, 2028.
4. Attached to this Application are:
- a) Location Map (shows project location).
 - b) Draft Bridge Preservation Drawings, including General Plan, Elevation, Typical Section, Superstructure and Substructure Repair Details, and Temporary Construction Conditions.
5. Applicant believes that the entities affected by this application are as listed in the attached Certificate of Service, and is concurrently serving a copy of this Application on these entities.
6. Applicant proposes to perform the work specified above at its initial cost and expense, utilizing funding assistance from the Commonwealth and Federal funding. The relocation of utilities, if required, should be at the initial cost and expense of the utility company involved.

WHEREFORE, the City of Pittsburgh respectfully requests the Public Utility Commission approves this Application.

Respectfully submitted,



Jesse Exilus, Deputy City Solicitor
City of Pittsburgh, Department of Law,
313 City-County Building, 414 Grant Street,
Pittsburgh, PA 15219
jesse.exilus@pittsburghpa.gov


Date: May 22, 2026

VERIFICATION

Application of the City of Pittsburgh for approval)
of the alteration of an existing crossing where)
the Herron Avenue Bridge crosses above grade,)
the tracks of Allegheny Valley Railroad)
and Norfolk Southern Railway Corporation,)
and the East Busway of the Port Authority)
of Allegheny County in the City of Pittsburgh,)
Allegheny County, and the Allocation)
of Costs Related Thereto.)

Docket No. _____

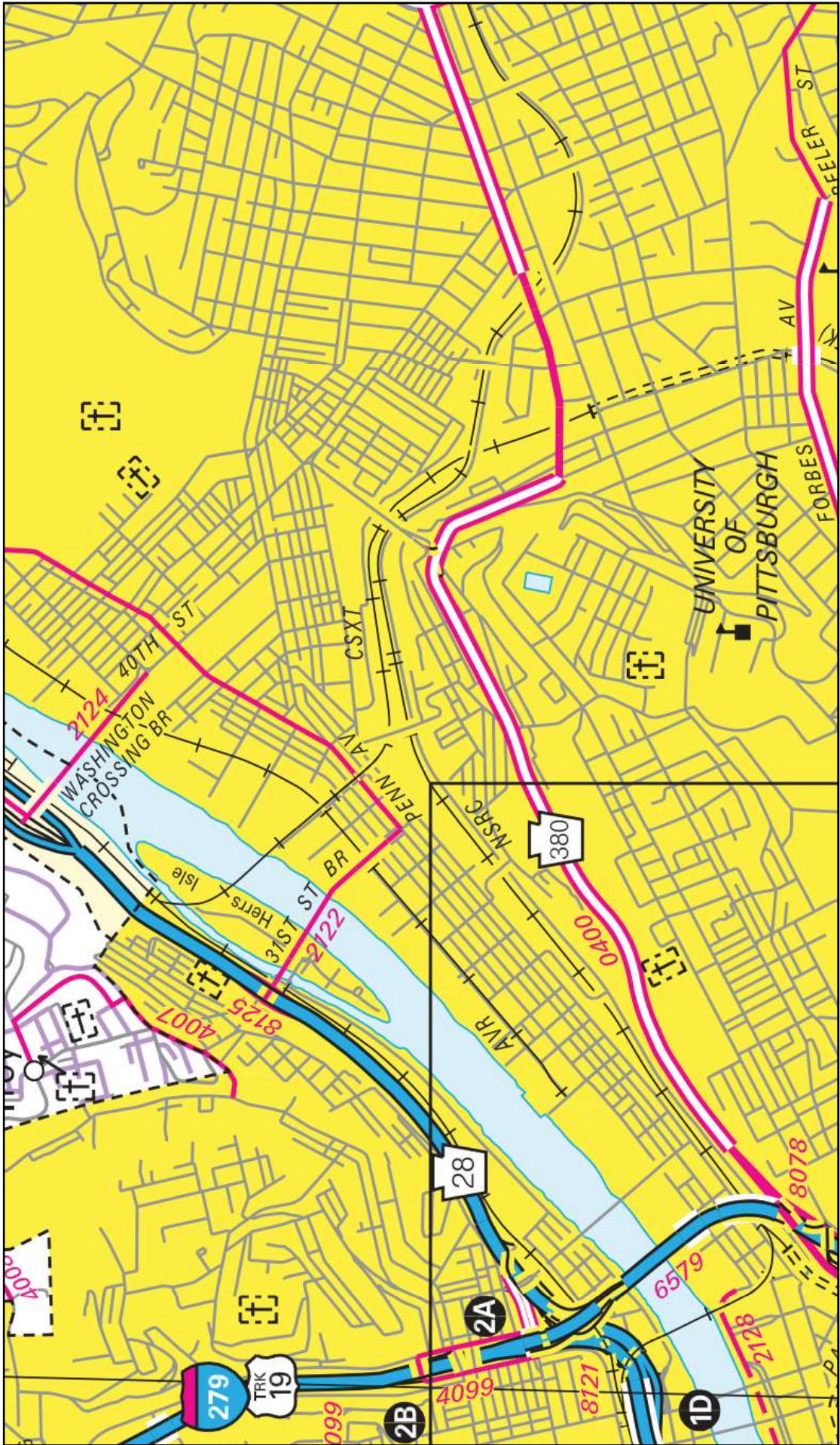
I, Jeff Skalican, Director of the City of Pittsburgh Department of Mobility and Infrastructure, hereby state the facts set for the above in the Application of the City of Pittsburgh are true and correct to the best of my knowledge, information and belief and that I expect to be able to prove the same at hearing in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa. C.S. 4904.


Jeff Skalican (May 22, 2026 11:57:41 EDT)

Jeff Skalican
Director, City of Pittsburgh
Department of Mobility and Infrastructure

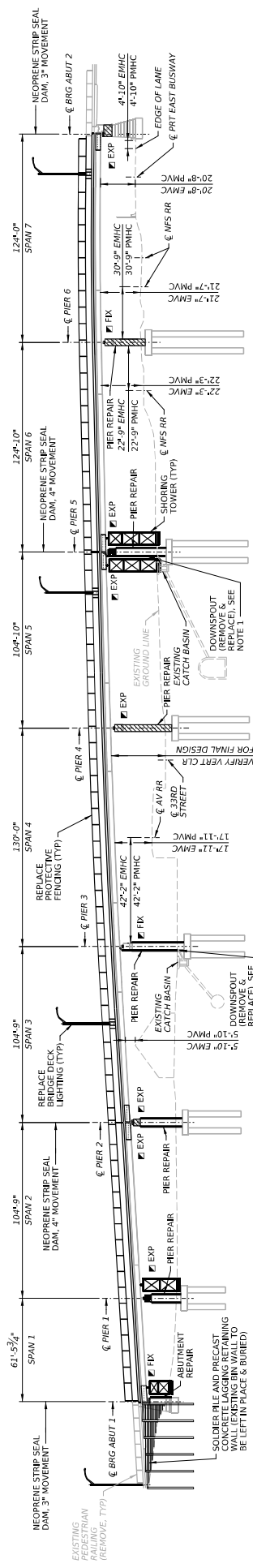
Date: May 22, 2026

ATTACHMENT A
Location Map (shows project location)



ATTACHMENT B

Draft Bridge Preservation Drawings,
including General Plan, Elevation, Typical Section, Superstructure and
Substructure Repair Details, and Temporary Construction Conditions



DATUM 700

NOTES:

- DISCHARGE PROPOSED DOWNSPOUT INTO EXISTING CATCH BASIN.

ELEVATION



LEGEND:

- REPLACE EXISTING BEARINGS WITH HIGH LOAD MULTI-ROTATIONAL (HLMR) DISC BEARINGS OR ELASTOMERIC BEARING PADS
- 10'-0" LIMIT OF ZONE PAINTING - ALL GRIDERS
- REMOVE EXISTING CONCRETE PEDESTALS AND PEDESTALS
- REMOVE EXISTING CONCRETE PIER CAP
- REPAIR DETERIORATED CONCRETE
- CONCRETE JACKETING
- EXISTING MINIMUM HORIZONTAL CLEARANCE
- PROPOSED MINIMUM HORIZONTAL CLEARANCE
- EXISTING MINIMUM VERTICAL CLEARANCE
- PROPOSED MINIMUM VERTICAL CLEARANCE

GENERAL NOTES

CONSTRUCTION SPECIFICATIONS:
 PROVIDE MATERIALS AND PERFORM WORK IN ACCORDANCE WITH SPECIFICATIONS, PUBLICATION 408/2020, AASHTO/AWS D1.5M/D1.5; 2015 BRIDGE WELDING CODE AND CONTRACT SPECIAL PROVISIONS, USE AASHTO/AWS D1.1/D1.1M; 2015 FOR WELDING NOT COVERED IN PAST PROVISIONS D1.5M/D1.5; 2015.

DESIGN SPECIFICATIONS:

AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 8TH EDITION, 2017, AND AS SUPPLEMENTED BY DESIGN MANUAL, PART 4, DECEMBER 2013.
 LIVE LOAD DISTRIBUTION TO GRIDERS IS BASED ON DM-4 DISTRIBUTION FACTORS. DESIGN IS IN ACCORDANCE WITH LRFD METHOD.

DESIGN LIVE LOADS:

PH-93, P-42 AND P201.64-3

DEAD LOADS:

INCLUDES A SURFACE DENSITY OF 0.030 KSF FOR FUTURE WEARING SURFACE ON THE DECK SLAB.

GENERAL:

ALL DIMENSIONS SHOWN ARE HORIZONTAL, EXCEPT AS NOTED.
 SUPERSTRUCTURE DIMENSIONS ARE SHOWN FOR A NORMAL TEMPERATURE OF 68°F.
 USE CLASS A CEMENT CONCRETE IN PEDESTALS.
 A HIGHER CLASS CONCRETE MAY BE SUBSTITUTED FOR A LOWER CLASS CONCRETE BRIDGE ENGINEER, AT THE CONTRACTOR'S DISCRETION, IF APPROVED BY THE DISTRICT BRIDGE ENGINEER.

GENERAL (CONTINUED):

PROVIDE GRADE 60 REINFORCING STEEL BARS THAT MEET THE REQUIREMENTS OF ASTM A 615/A 615M, A 996/A 996M. REINFORCING STEEL BARS MAY BE SUBSTITUTED WITH A PROPORTIONAL INCREASE IN CROSS-SECTIONAL AREA, IF APPROVED BY THE CHIEF BRIDGE ENGINEER. DO NOT USE RAIL STEEL A 996/A 996M REINFORCEMENT BARS IN JOINTS, CONNECTIONS, FOOTINGS, BARRIERS OR WHERE BENDING OR WELDING OF THE REINFORCEMENT BARS IS INDICATED.
 EPOXY-COAT ALL REINFORCEMENT BARS UNLESS NOTED OTHERWISE.

PROVIDE A MINIMUM WIDTH OF 2 1/2" AT 68°F FOR STRIP SEAL INSTALLATIONS UNLESS OTHERWISE INDICATED.
 APPLY A PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES IN ACCORDANCE WITH SECTION 10.19 AS FOLLOWS:
 - PENETRATING SEALERS: REINFORCED CONCRETE SUBSTRUCTURE SURFACES; ALL EXPOSED CONCRETE SURFACES ON THE BRIDGE DECK.
 - PENETRATING SEALER, INCIDENTAL TO BRIDGE BARRIER JOINT SEALING; EXISTING BRIDGE BARRIER, PER LIMITS INDICATED INCLUDING REPAIR AREAS.

UTILITY NOTES:

COORDINATE, LOCATE, AND CONDUCT ALL WORK RELATED TO PUBLIC AND PRIVATE UTILITIES IN ACCORDANCE WITH PUB 408, SECTIONS 105.06 AND 107.12.

EXISTING PLANS:

DO NOT CONSIDER ANY OF THE DATA ON THE EXISTING STRUCTURE SUPPLIED IN THE ORIGINAL DESIGN DRAWINGS OR MADE AVAILABLE TO YOU BY THE DEPARTMENT OR ITS AUTHORIZED AGENTS AS POSITIVE REPRESENTATIONS OF ANY OF THE CONDITIONS THAT YOU WILL ENCOUNTER IN THE FIELD.
 THE INFORMATION SHOWN ON THE PLANS FOR THE EXISTING BRIDGE IS NOT PART OF THE PLANS, PROPOSAL, OR CONTRACT AND IS NOT TO BE CONSIDERED A BASIS FOR COMPUTATION OF THE UNIT PRICES TO BE SUBMITTED BY THE BIDDER. THE BIDDER IS NOT TO RELY ON THIS INFORMATION, BUT IS TO ASSUME THE POSSIBILITY THAT CONDITIONS AFFECTING THE COST AND/OR QUANTITIES OF WORK TO BE PERFORMED MAY DIFFER FROM THOSE INDICATED.
 ORIGINAL STRUCTURE PLANS PHASES 2-4: E-10-1, E-10-2, E-10-3, APPROVED SEPT. 20, 1978, NOV. 3, 1978 & MAY 15, 1979.
 EXISTING REHABILITATION PLANS: E-10-3, APPROVED JULY 19, 2002.

VERTICAL CURVE DATA

MATCH EXISTING

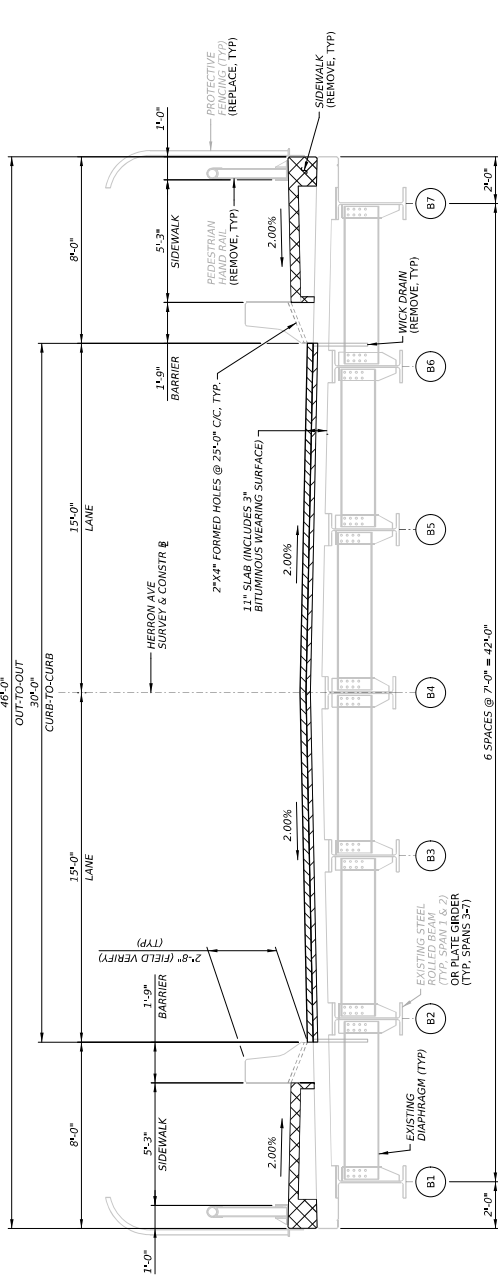
Mark	Description	By	Chkd	Recmd.	Date
REVISIONS					

HERRON AVE BRIDGE
 CITY OF PITTSBURGH
 DEPARTMENT OF MOBILITY AND INFRASTRUCTURE
 ALLEGHENY COUNTY
 CITY OF PITTSBURGH

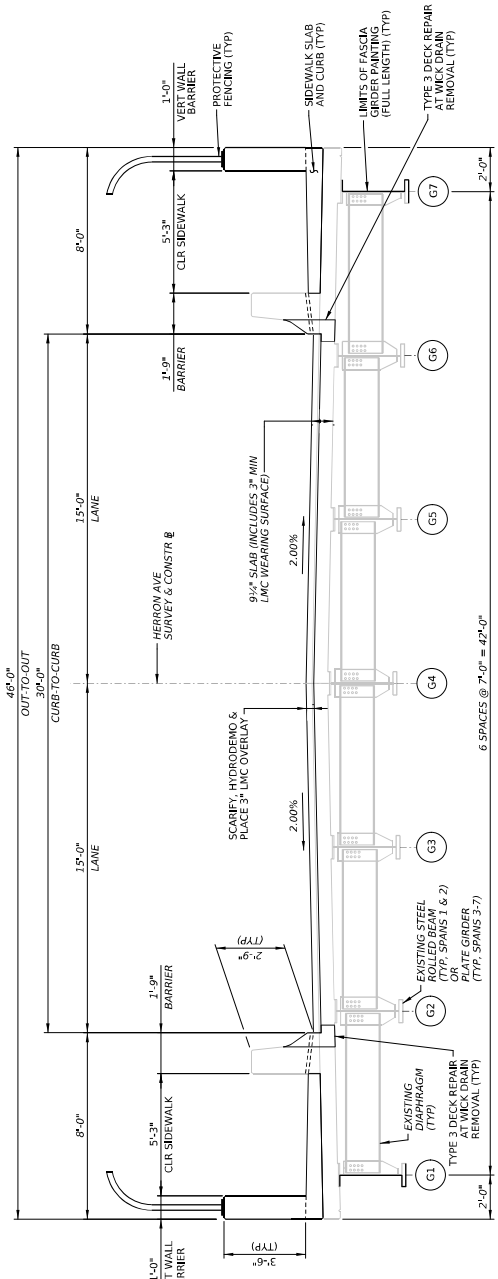
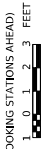
HERRON AVE, STA 4+67.12
 OVER AV RR, NPS RR, & PRT EAST BUSWAY
 BRIDGE PRESERVATION
 ELEVATION

BMS STR ID: 027301-0000-3040
 MPM5/ECMS PROJ: 117366 BRKEY: 2416

RECOMMENDED _____ SHEET 2 OF 12
 L - 713



TYPICAL SECTION - EXISTING
(LOOKING STATIONS AHEAD)



TYPICAL SECTION - PROPOSED
(LOOKING STATIONS AHEAD)



LEGEND:

- REMOVAL OF EXISTING ASPHALT OVERLAY
- HYDRODEMOLITION (1/2") & SCARIFICATION (1 1/2"), 3 (1/2") PASSES
- REMOVAL OF EXISTING SIDEWALK SLAB

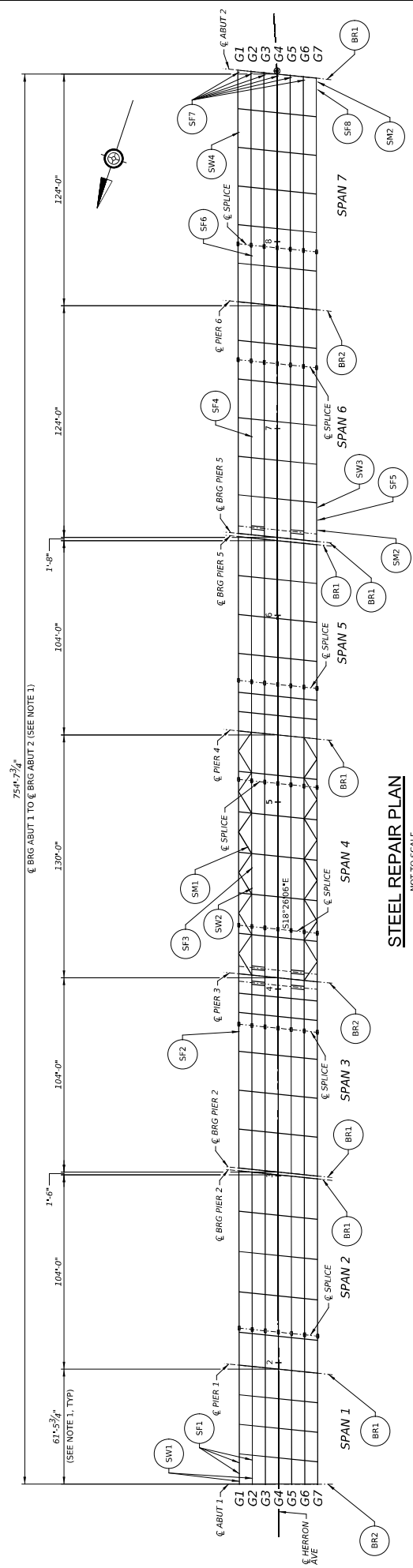
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REVISIONS					

HERRON AVE BRIDGE
 BMS STR ID: 027301-0000-3040
 MPM/SECMS PROJ: 117366 BRKEY: 2416

CITY OF PITTSBURGH
DEPARTMENT OF MOBILITY AND INFRASTRUCTURE
ALLEGHENY COUNTY
CITY OF PITTSBURGH
 HERRON AVE, STA 4+67.12
 OVER AV RR, NFS RR, & PRT EAST BUSWAY
 BRIDGE PRESERVATION
TYPICAL SECTION

RECOMMENDED _____ SHEET 3 OF 12

L - 713



STEEL REPAIR PLAN
NOT TO SCALE

PROPOSED REPAIR	
SW1	REPLACE LATERAL BRACING MEMBERS & CONNECTION PLATE
SW2	REPLACE BEARING STIFFENERS
SW1	WEB PLATING 1
SW2	WEB PLATING 2
SW3	WEB PLATING 3
SW4	WEB PLATING 4
SF1	FLANGE PLATING 1
SF2	FLANGE PLATING 2
SF3	FLANGE PLATING 3
SF4	FLANGE PLATING 4
SF5	FLANGE PLATING 5
SF6	FLANGE PLATING 6
SF7	FLANGE PLATING 7
SF8	FLANGE PLATING 8
BR1	REMOVE AND REPLACE SEVEN (7) EXPANSION BEARINGS (SEE NOTE 3)
BR2	REMOVE AND REPLACE SEVEN (7) FIXED BEARINGS (SEE NOTE 3)

- NOTES:**
- SPAN LENGTHS ARE MEASURED ALONG THE HERRON AVE CENTERLINE.
 - ADDITIONAL STEEL REPAIRS MAY BE REQUIRED AFTER BLAST CLEANING DETERIORATED ZONES.
 - REPLACE BEARINGS WITH ELASTOMERIC PADS OR DISC BEARINGS; TBD IN FINAL DESIGN.

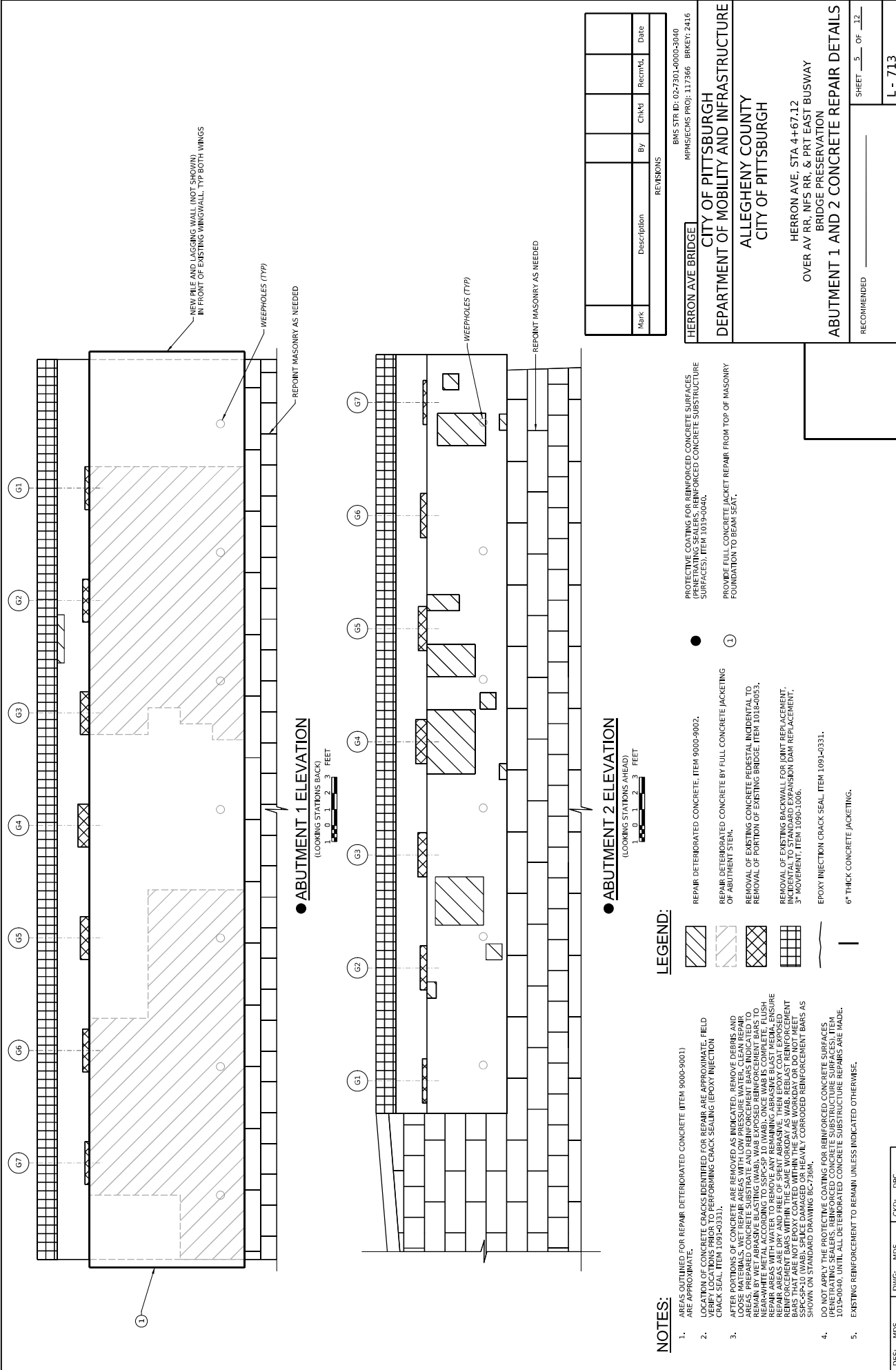
REVISIONS				
Mark	Description	By	Chkd	Date

HERRON AVE BRIDGE
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CITY OF PITTSBURGH
DEPARTMENT OF MOBILITY AND INFRASTRUCTURE
ALLEGHENY COUNTY
CITY OF PITTSBURGH

HERRON AVE, STA 4+67.12
OVER AV RR, NFS RR, & PRT EAST BUSWAY
BRIDGE PRESERVATION
STEEL REPAIR DETAILS

RECOMMENDED _____ SHEET 4 OF 12
L - 713



LEGEND:

- REPAIR DETERIORATED CONCRETE. ITEM 9000-9002.
- REPAIR DETERIORATED CONCRETE BY FULL CONCRETE JACKETING OF ABUTMENT STEM.
- REMOVAL OF EXISTING CONCRETE PEDESTAL INCIDENTAL TO REMOVAL OF PORTION OF EXISTING BRIDGE. ITEM 1014-0053.
- REMOVAL OF EXISTING BACKWALL FOR JOINT REPAIRMENT, INCIDENTAL TO STANDARD EXPANSION DAM REPLACEMENT, 3" MOVEMENT. ITEM 1090-1006.
- EPOXY INJECTION CRACK SEAL. ITEM 1091-0331.
- 6" THICK CONCRETE JACKETING.

NOTES:

1. AREAS OUTLINED FOR REPAIR DETERIORATED CONCRETE (ITEM 9000-9001) ARE APPROXIMATE.
2. LOCATION OF CONCRETE CRACKS IDENTIFIED FOR REPAIR ARE APPROXIMATE. FIELD VERIFY LOCATIONS PRIOR TO PERFORMING CRACK SEALING (EPOXY INJECTION CRACK SEAL. ITEM 1091-0331).
3. AFTER PORTIONS OF CONCRETE ARE REMOVED AS INDICATED, REMOVE DEBRIS AND LOOSE MATERIALS. USE REPAIR AREAS WITH LOW PRESSURE WATER. CLEAN REPAIR AREAS. APPLY CRACK SEALER TO EXPOSED REINFORCEMENT BARS TO PREVENT REBAR BY WET ABRASIVE BLASTING (WAB). WAB EXPOSED REINFORCEMENT BARS TO NEAR WHITE METAL ACCORDING TO SSPC-SP 10 (WAB). ONCE WAB IS COMPLETE, FLUSH REPAIR AREAS ARE DRY AND FREE OF SPENT ABRASIVE. THEN EPOXY COAT EXPOSED REINFORCEMENT BARS WITHIN THE SAME WORKDAY AS WAB. RE-CAST REINFORCEMENT (REBAR) TO BE PLACED IN POSITION AND COVERED WITH CONCRETE. INSURE SSPC-SP 10 (WAB) SPALLS DAMAGED OR HEAVILY CORRODED REINFORCEMENT BARS AS SHOWN ON STANDARD DRAWING BC-736M.
4. DO NOT APPLY THE PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (PENETRATING SEALERS, REINFORCED CONCRETE SUBSTRUCTURE SURFACES), ITEM 1005-0040, UNTIL ALL DETERIORATED CONCRETE SUBSTRUCTURE REPAIRS ARE MADE.
5. EXISTING REINFORCEMENT TO REMAIN UNLESS INDICATED OTHERWISE.

PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (PENETRATING SEALERS, REINFORCED CONCRETE SUBSTRUCTURE SURFACES), ITEM 1005-0040.

PROVIDE FULL CONCRETE JACKET REPAIR FROM TOP OF MASONRY FOUNDATION TO BEAM SEAT.

Mark	Description	By	Chkd	Revised	Date
REVISIONS					

BMS STR ID: 027301-0000-3040
 MPM5/ECMS PROJ: 117366 BRKEY: 2416

HERRON AVE BRIDGE
CITY OF PITTSBURGH
DEPARTMENT OF MOBILITY AND INFRASTRUCTURE
ALLEGHENY COUNTY
CITY OF PITTSBURGH

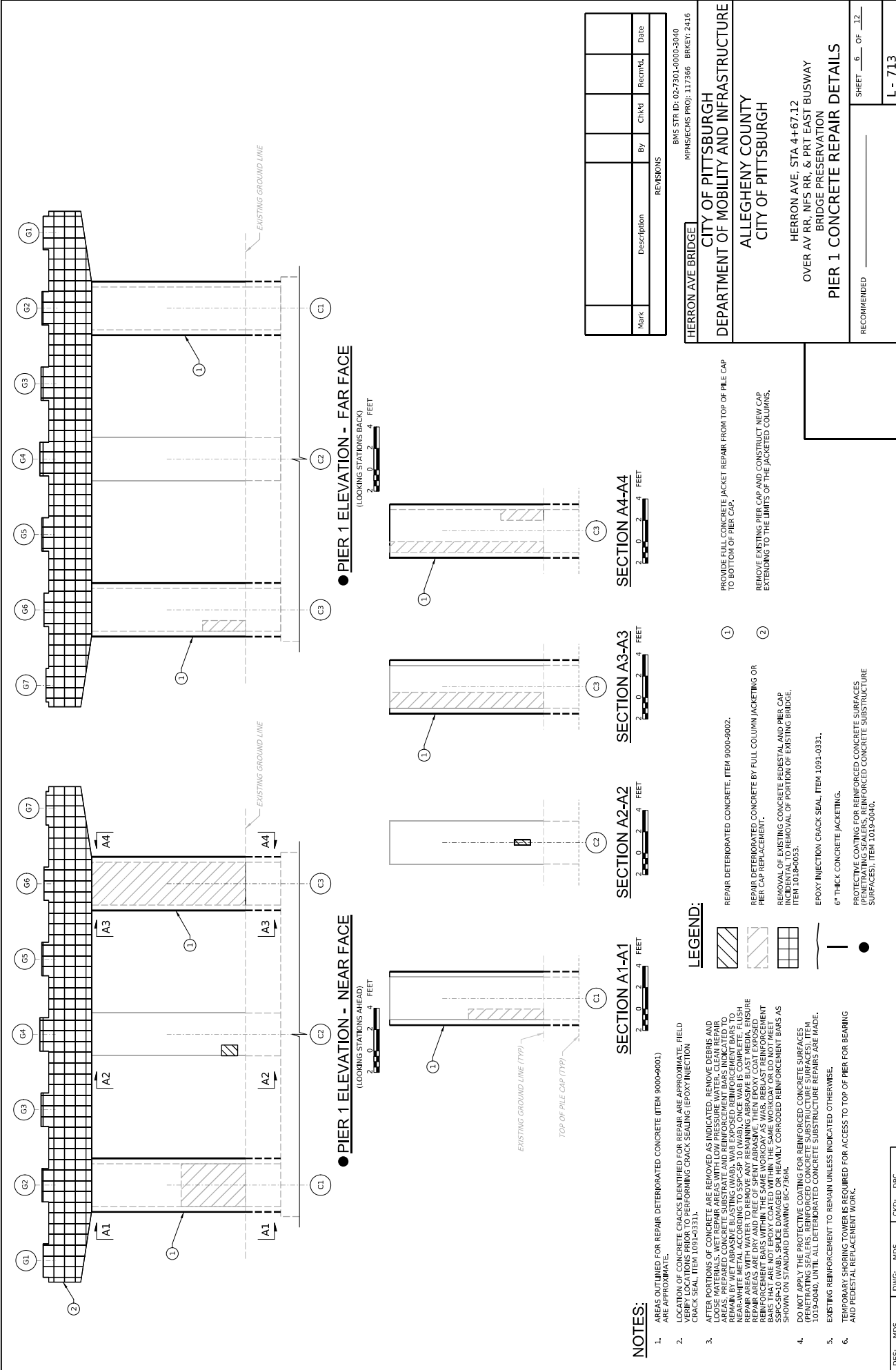
HERRON AVE, STA 4+67.12
 OVER AV RR, NPS RR, & PRT EAST BUSWAY
 BRIDGE PRESERVATION

ABUTMENT 1 AND 2 CONCRETE REPAIR DETAILS

RECOMMENDED _____ SHEET 5 OF 12

L - 713

DES: MDS	DWG: MDS	CKD: DPC
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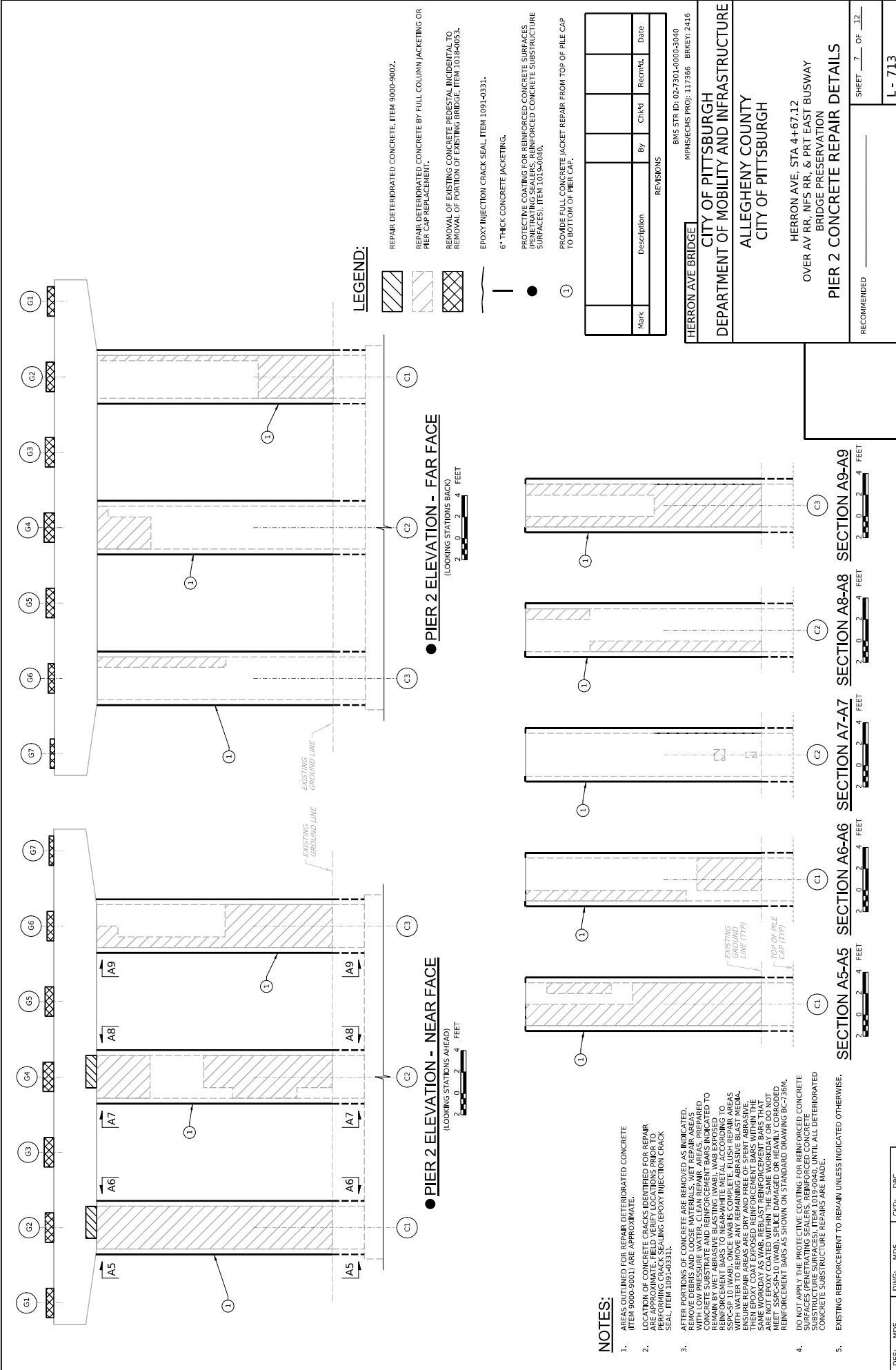
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REVISIONS					

HERRON AVE BRIDGE
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CITY OF PITTSBURGH
 DEPARTMENT OF MOBILITY AND INFRASTRUCTURE
ALLEGHENY COUNTY
 CITY OF PITTSBURGH

HERRON AVE, STA 4+67.12
 OVER AV RR, NFS RR, & PRT EAST BUSWAY
 BRIDGE PRESERVATION
PIER 1 CONCRETE REPAIR DETAILS

RECOMMENDED _____ SHEET 6 OF 12
 L - 713



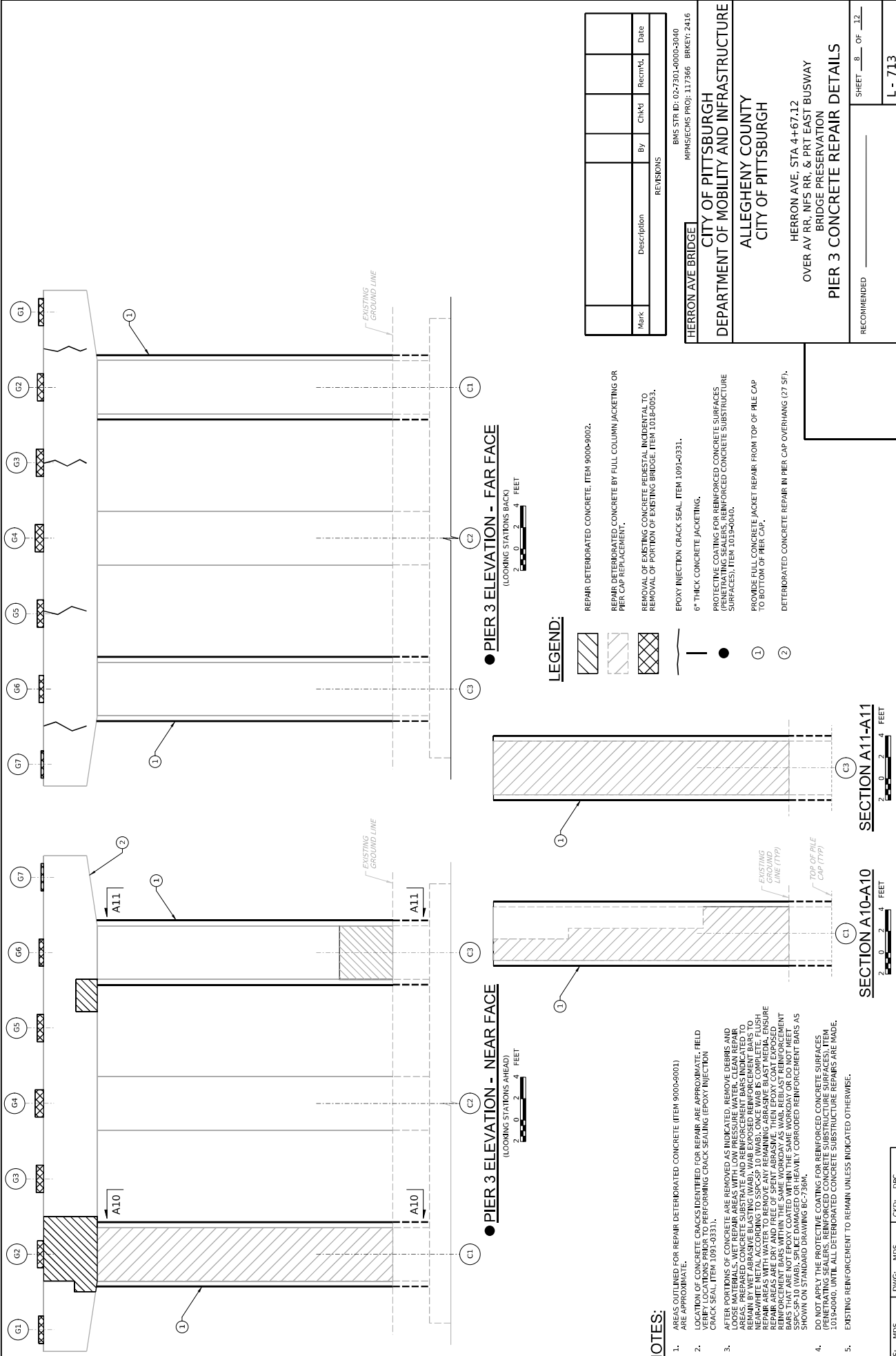
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REVISIONS					

HERRON AVE BRIDGE
 CITY OF PITTSBURGH
 DEPARTMENT OF MOBILITY AND INFRASTRUCTURE
 ALLEGHENY COUNTY
 CITY OF PITTSBURGH

HERRON AVE, STA 4+67.12
 OVER AV RR, NPS RR, & PRT EAST BUSWAY
 BRIDGE PRESERVATION
PIER 2 CONCRETE REPAIR DETAILS

BMS STR ID: 027301-0000-3040
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RECOMMENDED _____ SHEET 7 OF 12
 L - 713



PIER 3 ELEVATION - NEAR FACE
 (LOOKING STATIONS AHEAD)

PIER 3 ELEVATION - FAR FACE
 (LOOKING STATIONS BACK)

LEGEND:

- REPAIR DETERIORATED CONCRETE. ITEM 9000-9002.
- REPAIR DETERIORATED CONCRETE BY FULL COLUMN JACKETING OR PIER CAP REPLACEMENT.
- REMOVAL OF EXISTING CONCRETE PEDESTAL INCIDENTAL TO REMOVAL OF PORTION OF EXISTING BRIDGE. ITEM 1018-0053.
- EPOXY INJECTION CRACK SEAL. ITEM 1091-0331.
- 6" THICK CONCRETE JACKETING.
- PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (PENETRATING SEALERS, REINFORCED CONCRETE SUBSTRUCTURE SURFACES). ITEM 1019-0040.
- PROVIDE FULL CONCRETE JACKET REPAIR FROM TOP OF PILE CAP TO BOTTOM OF PIER CAP.
- DETERIORATED CONCRETE REPAIR IN PIER CAP OVERHANG (27 SF).

NOTES:

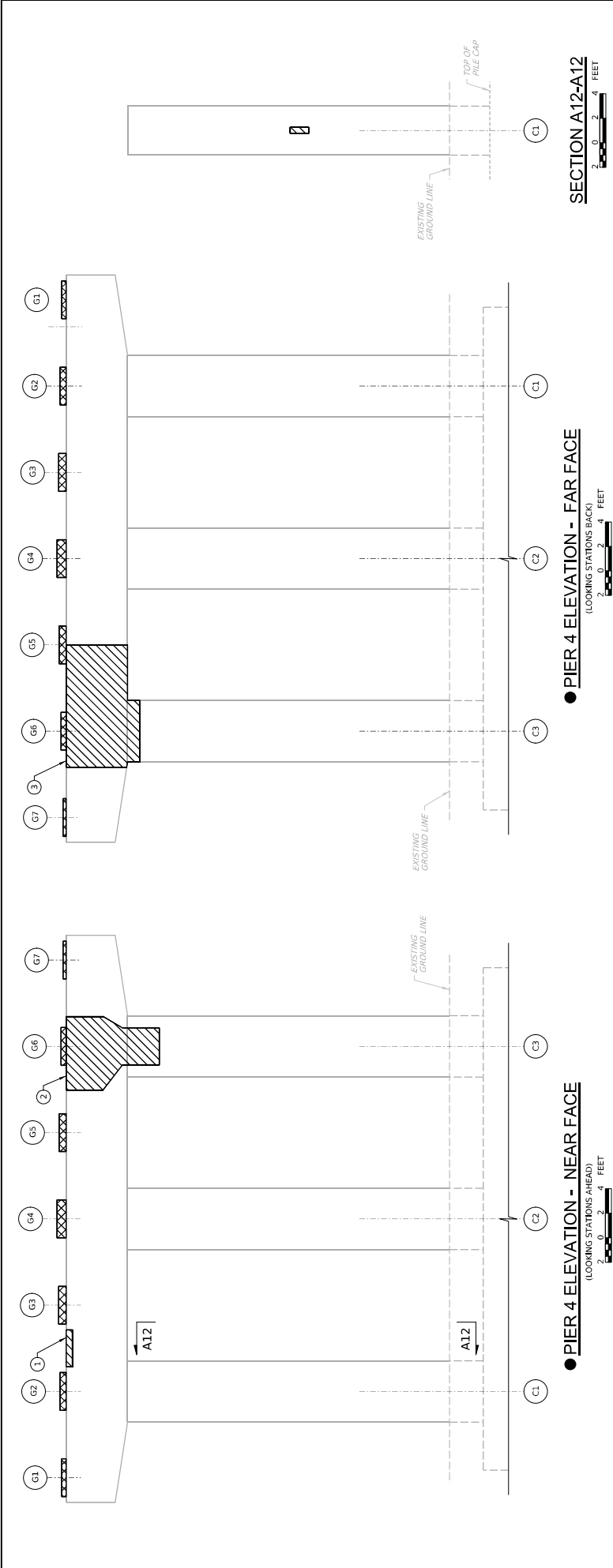
1. AREAS OUTLINED FOR REPAIR DETERIORATED CONCRETE (ITEM 9000-9001) ARE APPROXIMATE.
2. LOCATION OF CONCRETE CRACKS IDENTIFIED FOR REPAIR ARE APPROXIMATE. FIELD REPAIRS SHALL BE PERFORMED CRACK SEALING (EPoxy INJECTION CRACK SEAL ITEM 1091-0331).
3. AFTER PORTIONS OF CONCRETE ARE REMOVED AS INDICATED, REMOVE DEBRIS AND LOOSE MATERIALS. WET REPAIR AREAS WITH LOW PRESSURE WATER. CLEAN REPAIR AREAS. PREPARED CONCRETE SUBSTRATE AND REINFORCEMENT BARS INDICATED TO BE REPAIRED SHALL BE REPAIRED TO ORIGINAL CONDITION. REPAIR SHALL BE NEAR WHITE METAL ACCORDING TO SSPC-SP 10 (WAB). GRACE SHALL BE COMPLETE. FLUSH REPAIR AREAS WITH WATER TO REMOVE ANY REMAINING ABRASIVE BLAST MEDIA. ENSURE REPAIR AREAS ARE DRY AND FREE OF SPOILING PRODUCTS. WIRE REINFORCEMENT BARS THAT ARE NOT EPOXY COATED WITHIN THE SAME WORKDAY OR DO NOT MEET SSPC-SP-10 (WAB), SHALL BE DAMAGED OR HEAVILY CORRODED REINFORCEMENT BARS AS SHOWN ON STANDARD DRAWING DC-750H.
4. DO NOT APPLY THE PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (ITEM 1019-0040) UNTIL ALL DETERIORATED CONCRETE SUBSTRUCTURE REPAIRS ARE MADE.
5. EXISTING REINFORCEMENT TO REMAIN UNLESS INDICATED OTHERWISE.

SECTION A11-A11

SECTION A10-A10

Mark	Description	By	Chkd	Recmd.	Date
REVISIONS					

HERRON AVE BRIDGE
 BMS STR ID: 027301-0000-3040
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CITY OF PITTSBURGH
DEPARTMENT OF MOBILITY AND INFRASTRUCTURE
ALLEGHENY COUNTY
CITY OF PITTSBURGH
 HERRON AVE, STA 4+67.1.2
 OVER AV RR, NPS RR, & PRT EAST BUSWAY
 BRIDGE PRESERVATION
PIER 3 CONCRETE REPAIR DETAILS
 RECOMMENDED _____ SHEET 8 OF 12
 L-713



● **PIER 4 ELEVATION - NEAR FACE**
(LOOKING STATIONS AHEAD)

● **PIER 4 ELEVATION - FAR FACE**
(LOOKING STATIONS BACK)

NOTES:

1. AREAS OUTLINED FOR REPAIR DETERIORATED CONCRETE (ITEM 9000-9001) ARE APPROXIMATE.
2. LOCATION OF CONCRETE CRACKS IDENTIFIED FOR REPAIR ARE APPROXIMATE. FIELD VERIFY LOCATIONS PRIOR TO PERFORMING CRACK SEALING (EPOXY INJECTION CRACK SEAL ITEM 1091-0331).
3. AFTER PORTIONS OF CONCRETE ARE REMOVED AS INDICATED, REMOVE DEBRIS AND LOOSE MATERIALS. WET REPAIR AREAS WITH LOW PRESSURE WATER. CLEAN REPAIR AREAS BY WET ABRASIVE BLASTING (WAB). WAB SHOULD REMOVE ALL CONCRETE TO REMAIN BY WET ABRASIVE BLASTING (WAB). WAB SHOULD BE COMPLETE. FLUSH REPAIR AREAS ARE DRY AND FREE OF SPENT ABRASIVE. THEN EPOXY COAT EXPOSED REINFORCEMENT BARS WITHIN THE SAME WORKDAY AS WAB. REBLAST REINFORCEMENT BARS (REINFORCING BARS) TO BE COATED ON THE SAME WORKDAY OR DO NOT REBLAST REINFORCEMENT BARS TO BE COATED ON THE NEXT WORKDAY. COATED REINFORCEMENT BARS AS SHOWN ON STANDARD DRAWING BC-736K.
4. DO NOT APPLY THE PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (PENETRATING SEALERS, REINFORCED CONCRETE SUBSTRUCTURE REPAIRS), ITEM 1013-0040, UNTIL ALL DETERIORATED CONCRETE SUBSTRUCTURE REPAIRS ARE MADE.
5. EXISTING REINFORCEMENT TO REMAIN UNLESS INDICATED OTHERWISE.

LEGEND:

- REPAIR DETERIORATED CONCRETE (ITEM 9000-9002).
- REPAIR DETERIORATED CONCRETE BY FULL COLUMN JACKETING OR PIER CAP REPLACEMENT.
- REMOVAL OF EXISTING CONCRETE PEDESTAL INCIDENTAL TO REMOVAL OF PORTION OF EXISTING BRIDGE, ITEM 1018-0053.
- EPOXY INJECTION CRACK SEAL - ITEM 1091-0331.
- PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (PENETRATING SEALERS, REINFORCED CONCRETE SUBSTRUCTURE SURFACES), ITEM 1013-0040.
- DETERIORATED CONCRETE REPAIR BETWEEN GIRDERS 2 & 3 (6 SF).
- DETERIORATED CONCRETE REPAIR BETWEEN GIRDERS 5 & 6 (18 SF).
- DETERIORATED CONCRETE REPAIR BETWEEN GIRDERS 6 & 7 (13 SF).

Mark	Description	By	Chkd	Recmd.	Date
REVISIONS					

HERRON AVE BRIDGE
BMS STR ID: 027301-0000-3040
MPM5/ECMS PROJ: L17366 BRKEY: 2416

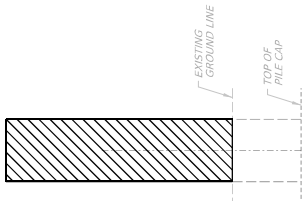
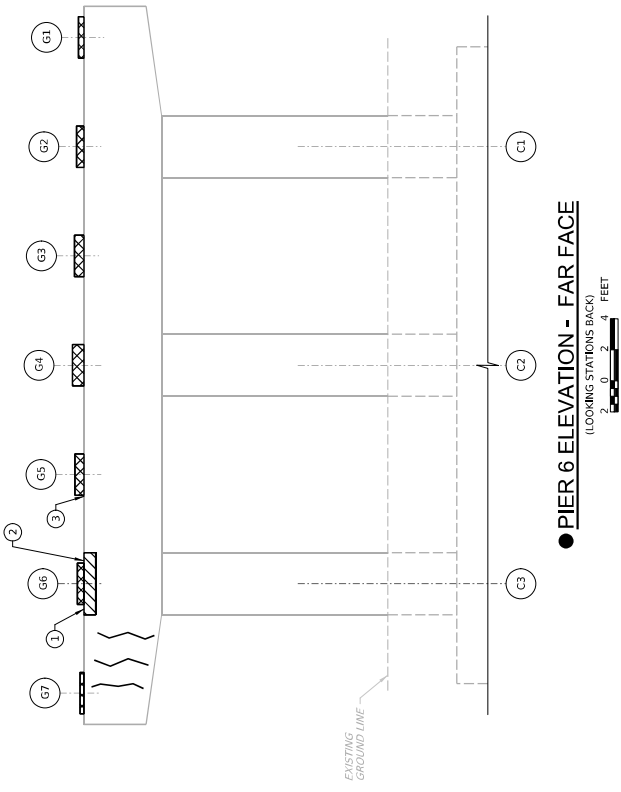
CITY OF PITTSBURGH
DEPARTMENT OF MOBILITY AND INFRASTRUCTURE
ALLEGHENY COUNTY
CITY OF PITTSBURGH

HERRON AVE, STA 4+67.12
OVER AV RR, NPS RR, & PRT EAST BUSWAY
BRIDGE PRESERVATION

PIER 4 CONCRETE REPAIR DETAILS

RECOMMENDED _____ SHEET 9 OF 12

L - 713



NOTES:

- AREAS OUTLINED FOR REPAIR DETERIORATED CONCRETE (ITEM 9000-9001) ARE APPROXIMATE.
- LOCATION OF CONCRETE CRACKS IDENTIFIED FOR REPAIR ARE APPROXIMATE. FIELD CRACK SEAL ITEM 1091-0331.
- AFTER PORTLAND CEMENT CONCRETE IS REMOVED AS INDICATED, REMOVE REBAR AND LODGE MATERIALS. WET REPAIR AREAS WITH LOW PRESSURE WATER. CLEAN REPAIR AREAS. PREPARED SUBSTRATE AND REINFORCEMENT BARS INDICATED TO REMAIN BY THE ABRASIVE BLASTING (WAB) EXPOSED REINFORCEMENT BARS TO REPAIR AREAS WITH WATER TO REMOVE ANY REMAINING ABRASIVE BLAST MEDIA. ENSURE REPAIR AREAS ARE DRY AND FREE OF SPENT ABRASIVE. THEN EPOXY COAT EXPOSED REINFORCEMENT BARS THAT ARE NOT EPOXY COATED WITHIN THE SAME WORKDAY OR DO NOT MEET SSPC-SP-10 (WAB). SPLICE DAMAGED OR HEAVILY CORRODED REINFORCEMENT BARS AS SHOWN ON STANDARD DRAWING BC7-36H.
- DO NOT APPLY THE PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES UNTIL ALL DETERIORATED CONCRETE SUBSTRUCTURE REPAIRS ARE MADE.
- EXISTING REINFORCEMENT TO REMAIN UNLESS INDICATED OTHERWISE.

LEGEND:

- REPAIR DETERIORATED CONCRETE, ITEM 9000-9002.
- REMOVAL OF EXISTING CONCRETE, RESTA. INDICATED TO REMOVAL OF PORTION OF EXISTING BRIDGE, ITEM 1019-0033.
- EPOXY INJECTION CRACK SEAL, ITEM 1091-0331.
- PROTECTIVE COATING FOR REINFORCED CONCRETE SURFACES (REINFORCED CONCRETE SUBSTRUCTURE SURFACES), ITEM 1019-0040.
- DETERIORATED CONCRETE REPAIR BETWEEN GIRDERS 6 & 7 (2.0 SF).
- DETERIORATED CONCRETE REPAIR IN FRONT OF GIRDER 6 (6 SF).
- DETERIORATED CONCRETE REPAIR BETWEEN GIRDERS 5 & 6 (6 SF).

Mark	Description	By	Chkd	Recmd.	Date
REVISIONS					

HERRON AVE BRIDGE
 BMS STR ID: 027301-0000-3040
 MPM5/ECMS PROJ: 117366 BRKEY: 2416

CITY OF PITTSBURGH
 DEPARTMENT OF MOBILITY AND INFRASTRUCTURE
 ALLEGHENY COUNTY
 CITY OF PITTSBURGH

HERRON AVE, STA 4+67.12
 OVER AV RR, NFS RR, & PRT EAST BUSWAY
 BRIDGE PRESERVATION
PIER 6 CONCRETE REPAIR DETAILS

RECOMMENDED _____ SHEET 11 OF 12

L - 713

CERTIFICATE OF SERVICE

I hereby certify that, I have this day, served copies of the foregoing document, upon the parties, listed below, in accordance with the requirements of 52 Pa. Code § 1.54 (relating to service by a party).

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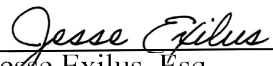
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Date: May 22, 2026