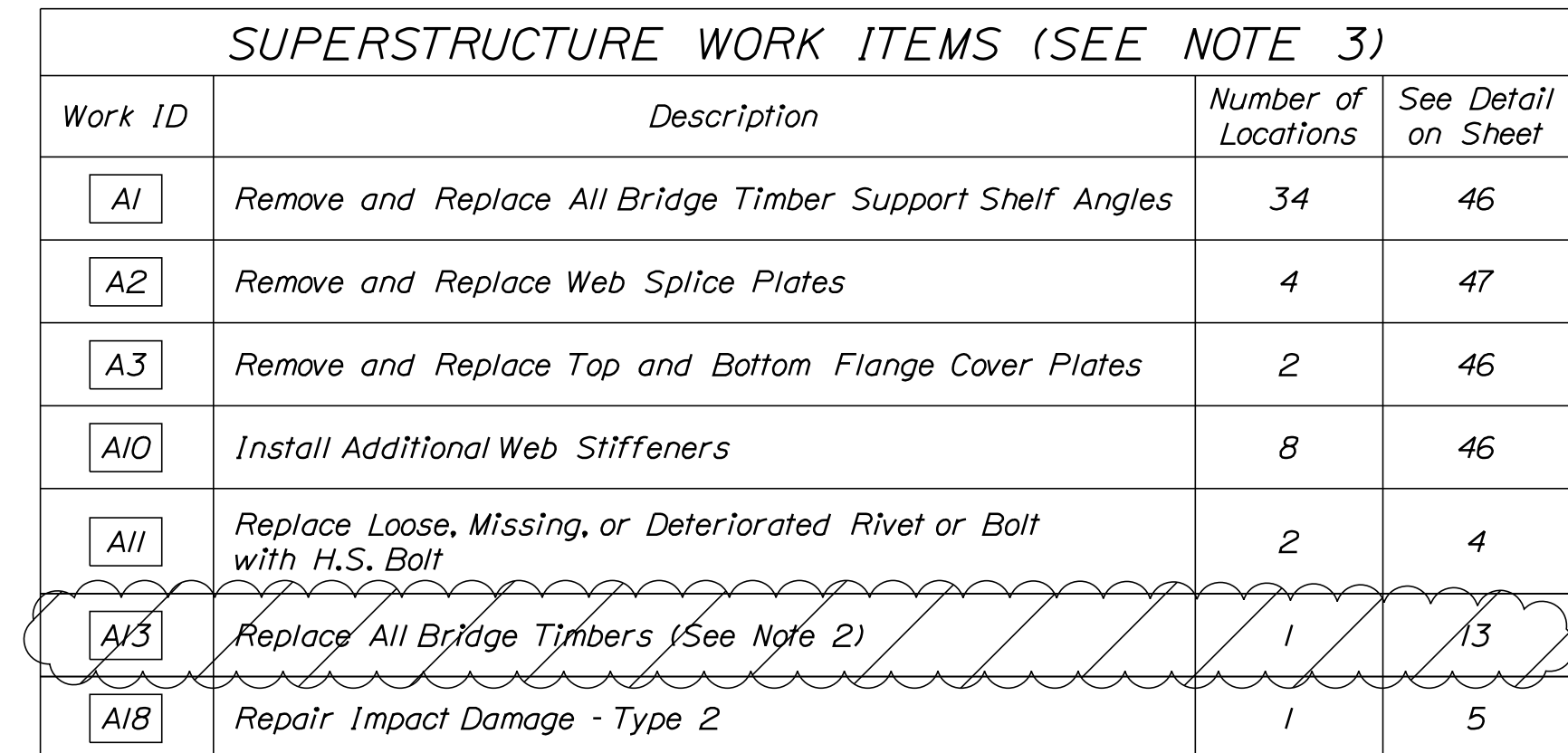




BEARING AND PEDESTAL WORK ITEMS			
Work ID	Description	Number of Locations	See Detail on Sheet
B1	Remove and Replace Expansion Bearing	2	8, 9 & 60
B3	Remove and Replace Anchor Bolts	2	9 & 60
B4	Remove and Replace Bearing Pedestal	4	9 & 60

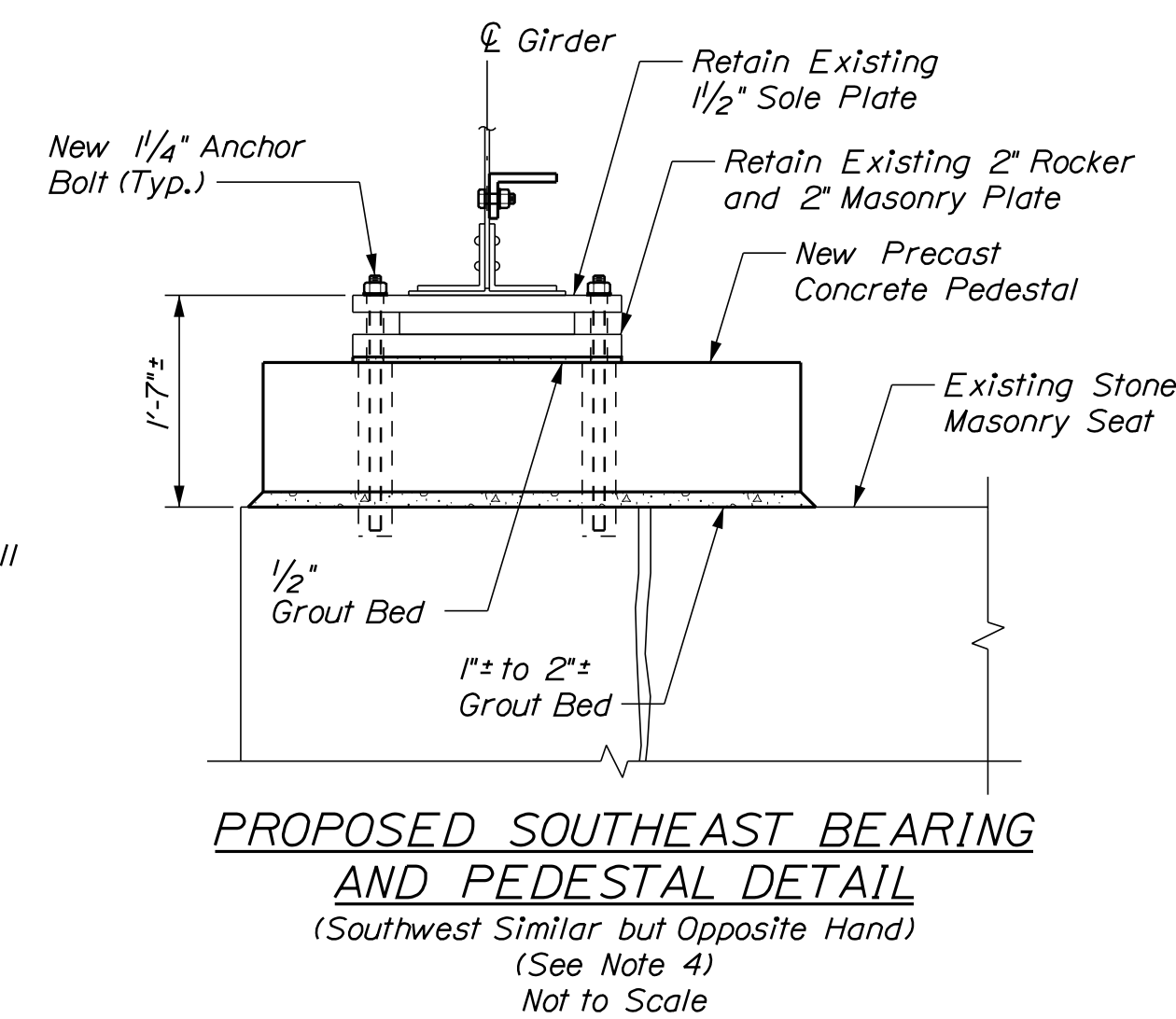
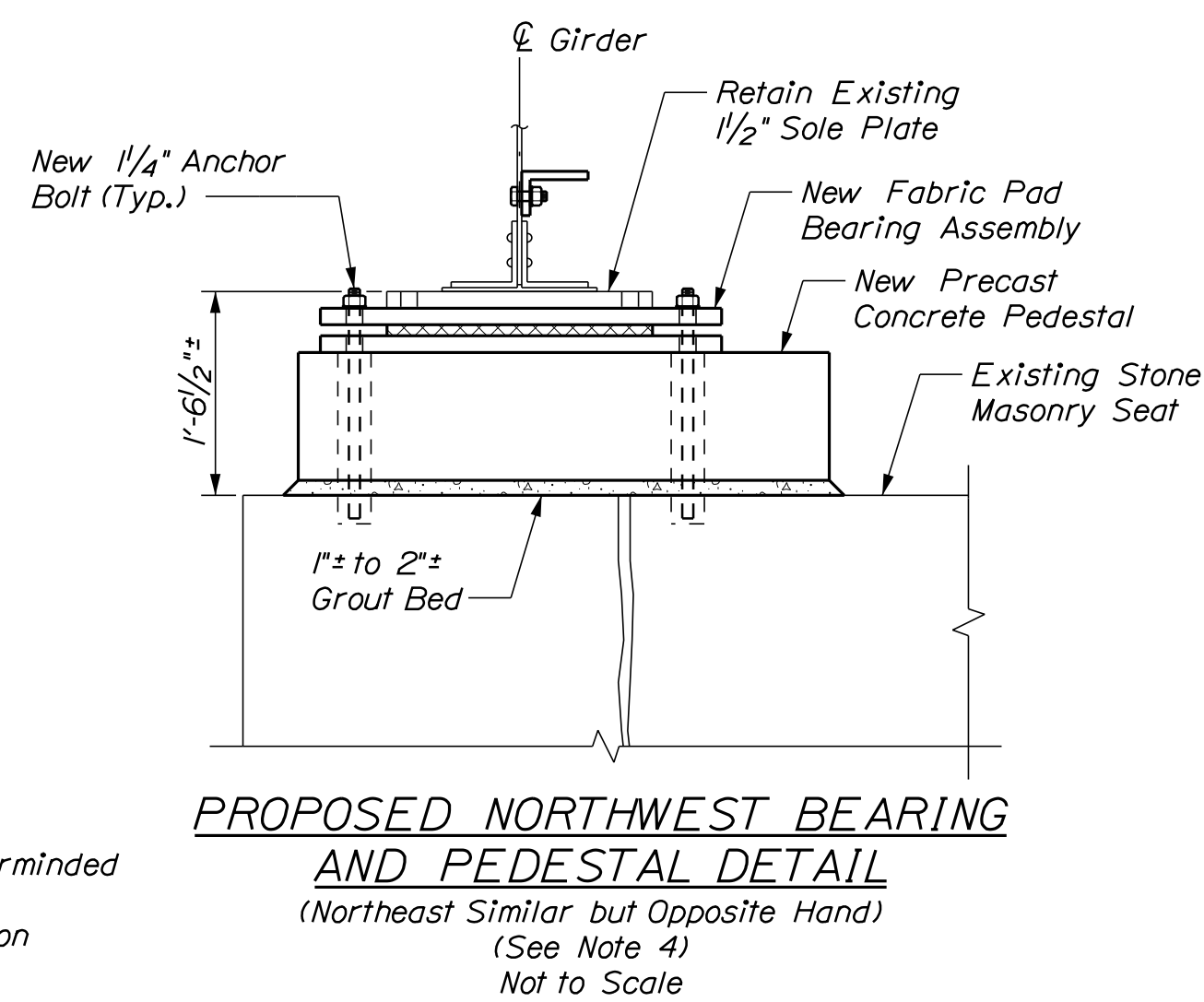
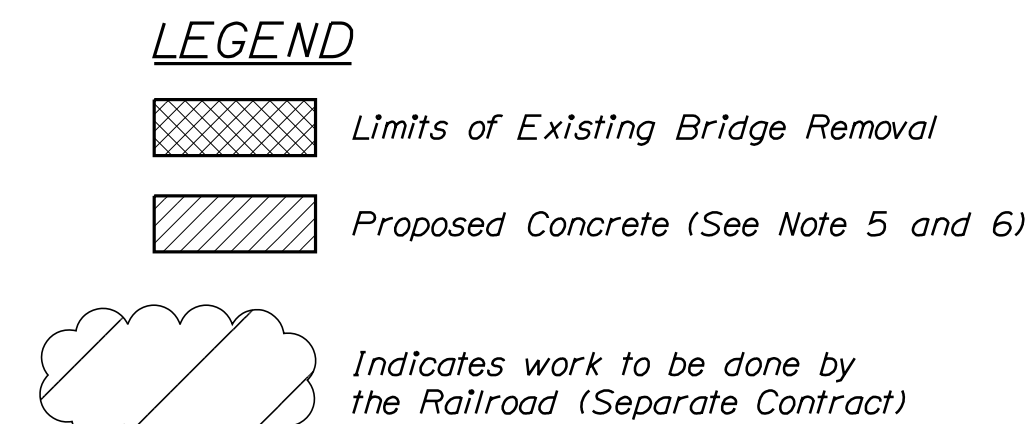
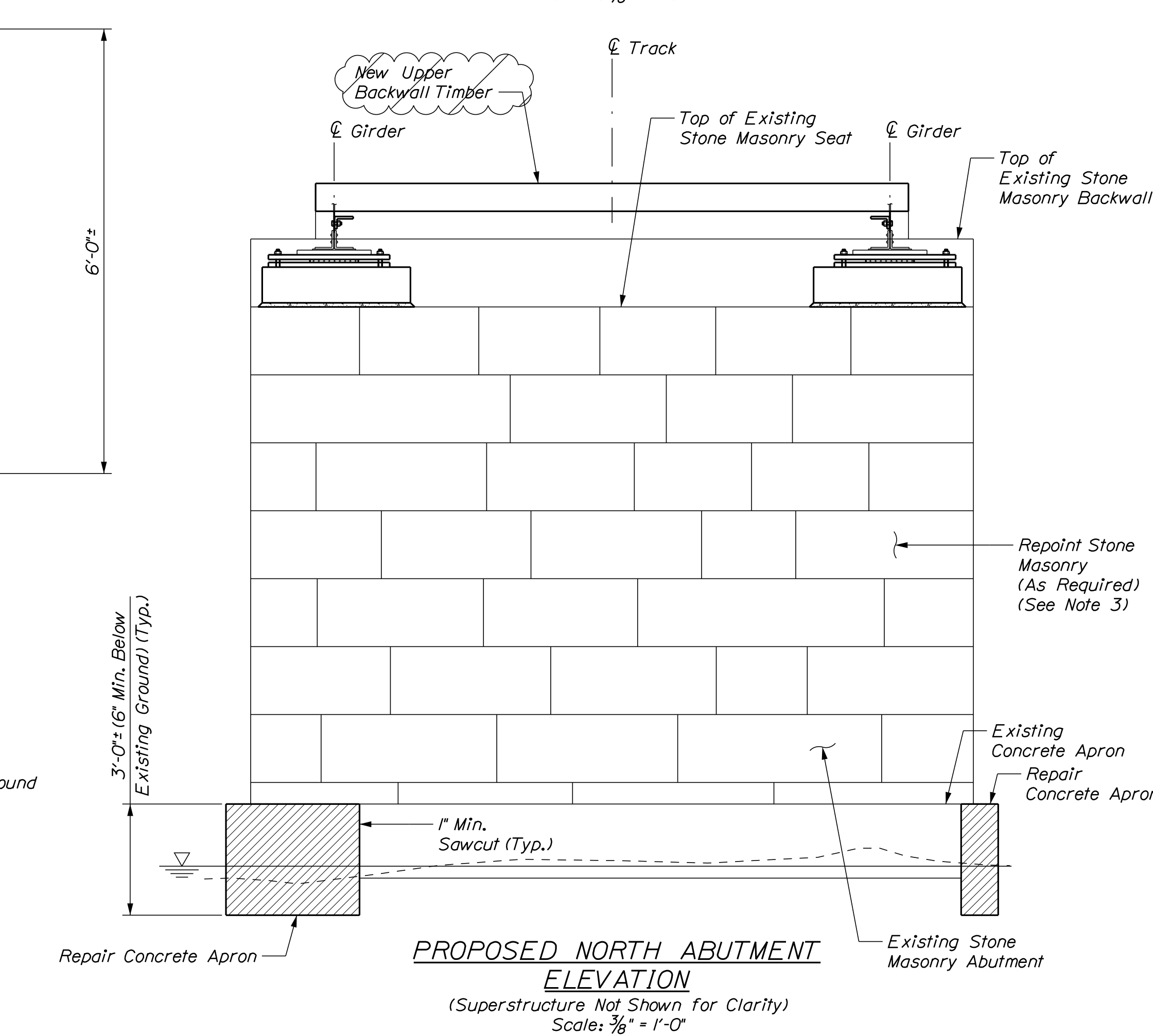
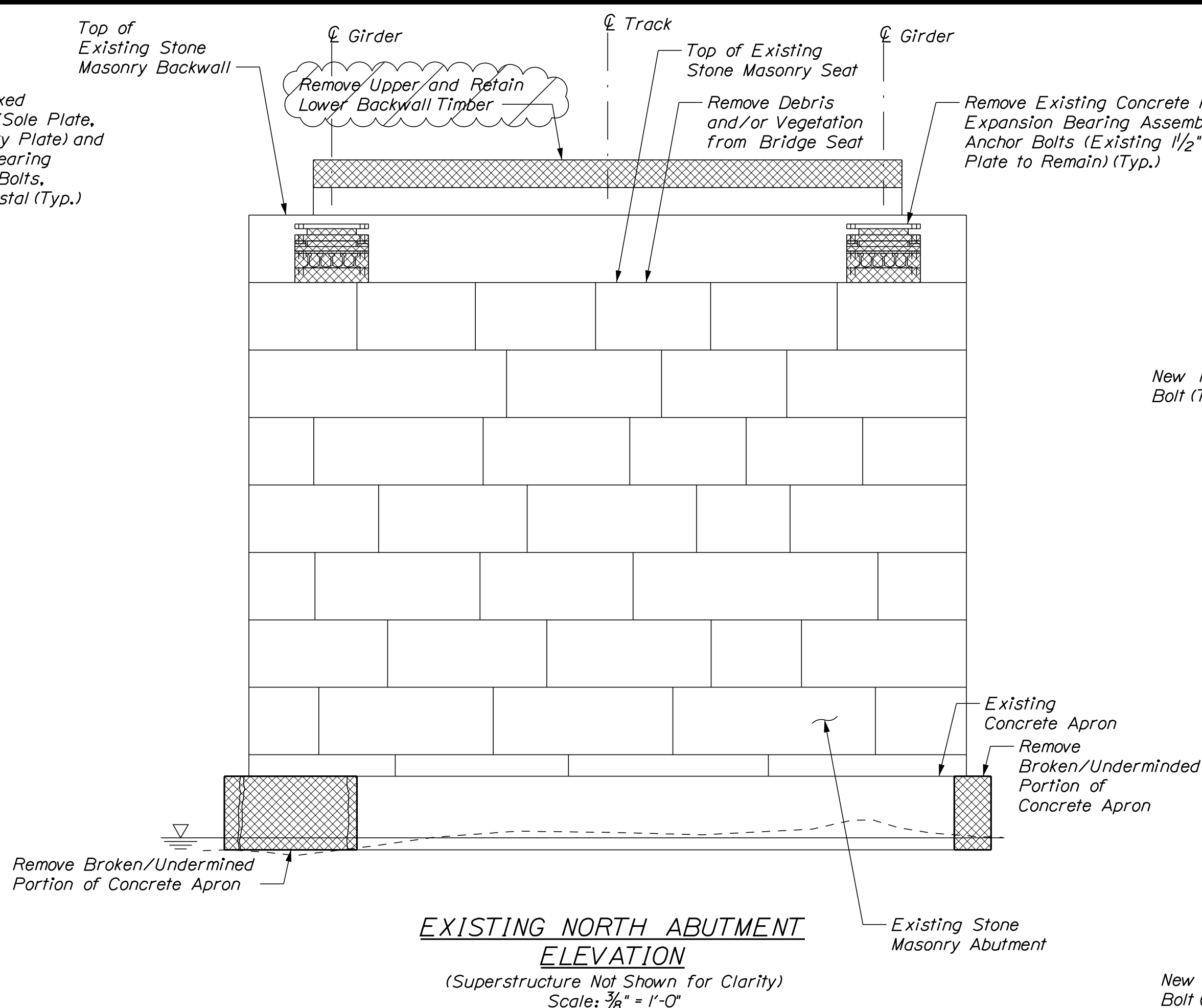
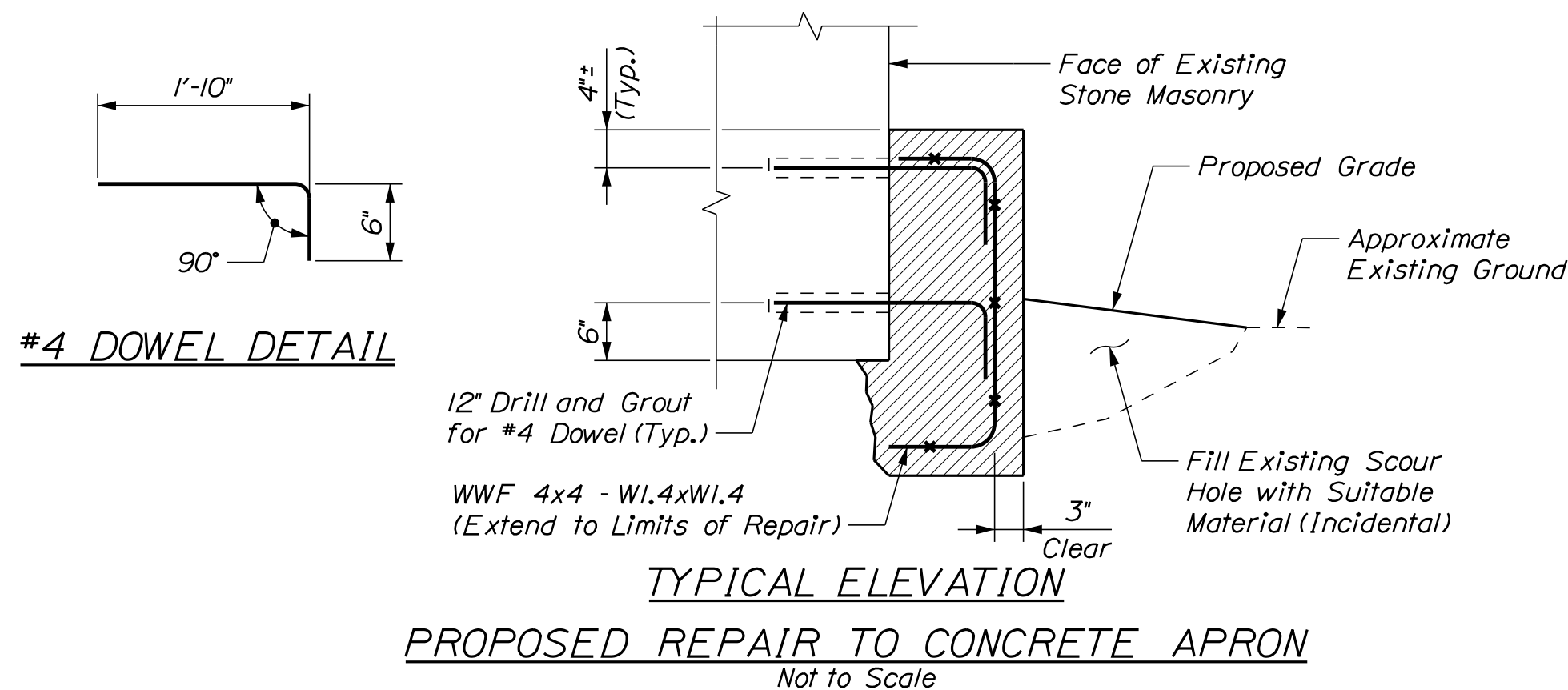
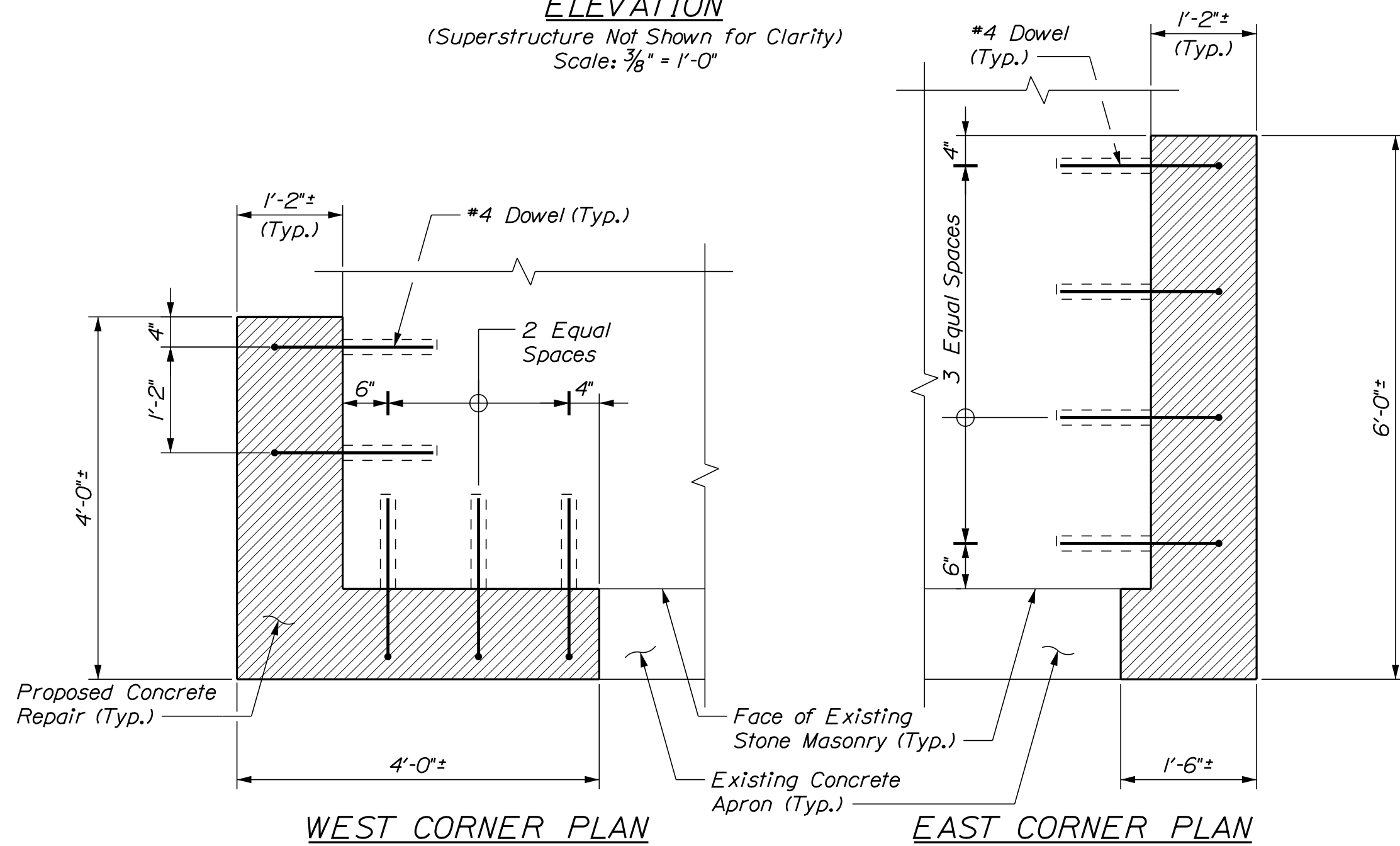
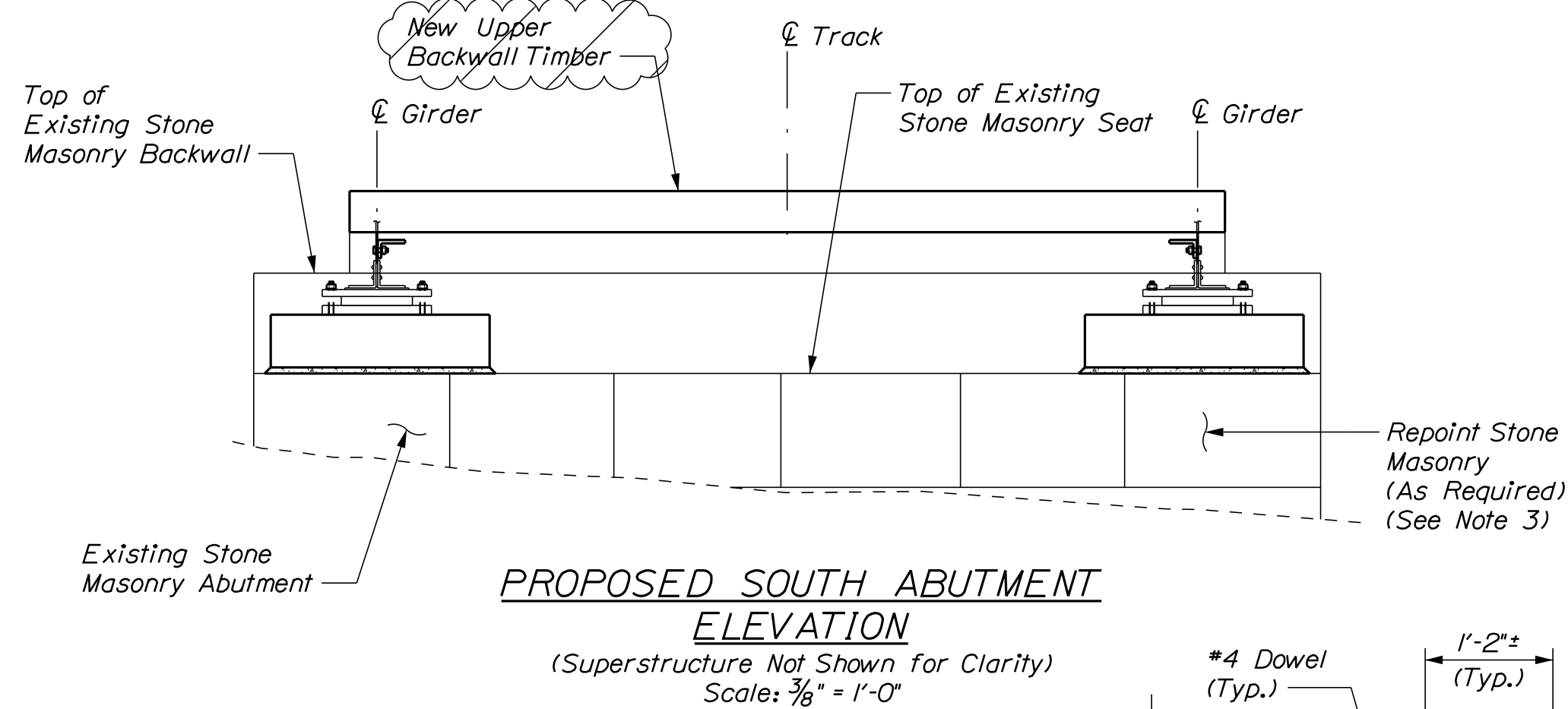
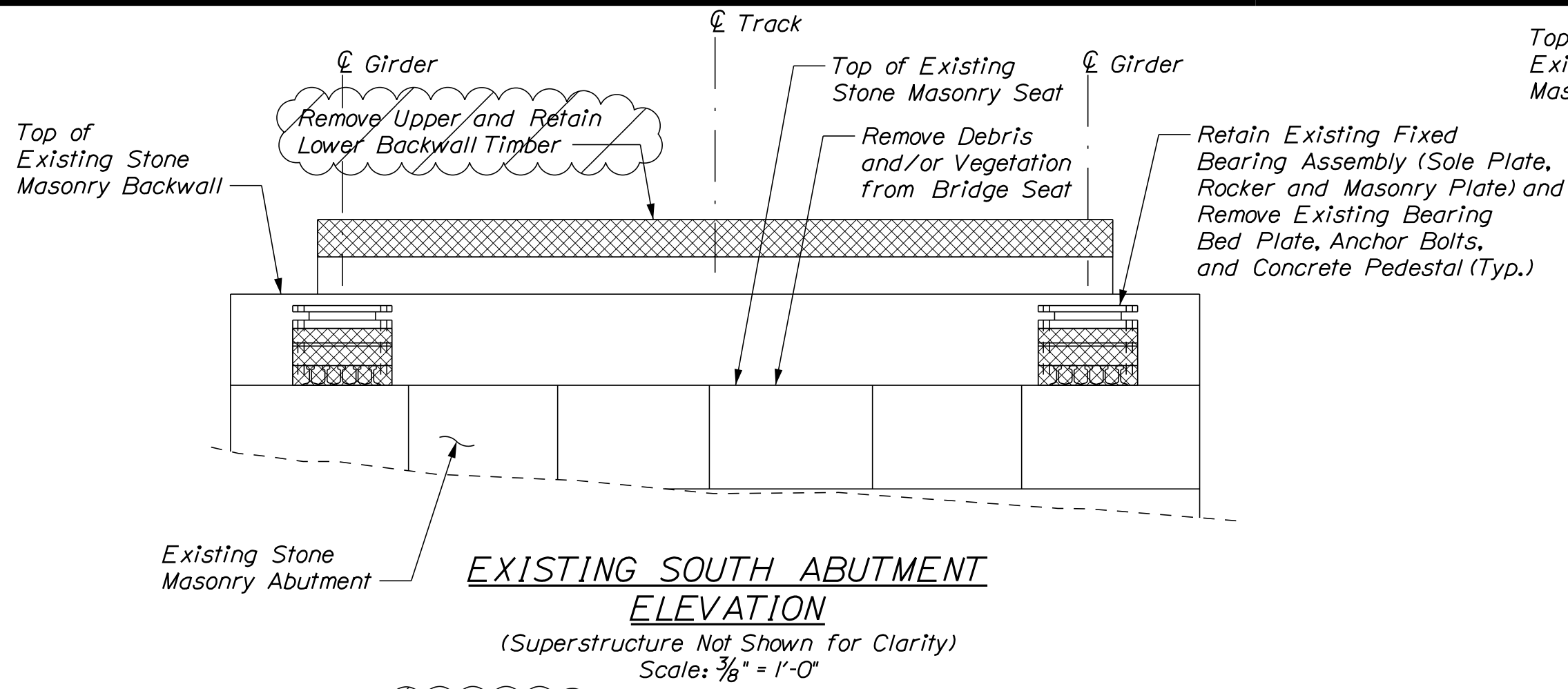
Work ID	Description	Number of Locations	See Detail on Sheet
C1	Repoint Stone Masonry Abutment	2	6
C2	Remove Debris and/or Vegetation from Bridge Seat	2	N/A
C4	Remove and Replace Backwall Timber	2	4
C5	Remove and Replace Timber Retaining Wall (In-Kind)	4	N/A
C10	Repair Concrete Apron at Abutment	2	6I



1. See General Notes Sheet for General Bridge Construction and Railroad Construction Notes.

2. See Deck Details (4 of 7) Sheet for Timber Bridge Tie Layout and Details.

3. Superstructure is identical to Bridge No. 7775 (M.P. 151.54). See cover plate, shelf angle, web stiffener, and web splice details, as well as existing superstructure plans, on Bridge No. 7775 (M.P. 151.54) sheets (2, 3, and 5 of 5) for strengthening details and additional information. Other rehabilitation details specific to Bridge No. 7778 (M.P. 161.03) are as noted and detailed with this bridge.



ESTIMATED CONCRETE REPAIR QUANTITIES

Apron Repair Concrete (See Note 5) 2.5 CY*

* Includes 0.5 CY additional repair quantity as a contingency

- NOTES
- See General Notes Sheet for General Bridge Construction and Railroad Construction Notes.
 - See Typical Repair Details Sheet (1 of 4) for Backwall/Timber/Replacement Details. New upper backwall timber shall be fastened to existing lower backwall/timber using 20" long, 3/4" dia. lag screws spaced at 16" maximum.
 - See Typical Repair Details Sheet (3 of 4) for Masonry Repointing Details.
 - See Bearing and Pedestal Details Sheets for Proposed Bearing and Pedestal Details and Notes.
 - All labor, equipment, and material required to repair the concrete apron, including temporary water diversion, if required, shall be paid under Item 518.211, Rehabilitate Structural Concrete Substructure.
 - Final limit of repairs to concrete apron shall be as directed by the Resident. Reinforcing and dowels shall be generally configured as shown on this sheet, unless otherwise directed by the Resident.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

BRIDGE NO. 7778

WIN
23486.00

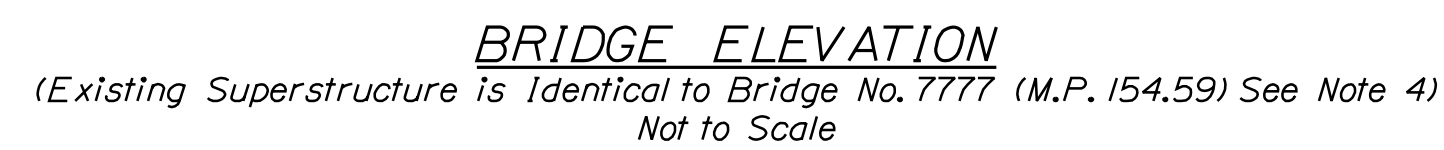
BRIDGE PLANS

PROJ. MANAGER	DATE	BY
DESIGN-DETAILED	11/2018	JCM
CHECKED-REVIEWED	11/2018	GSG
DESIGN-DETAILED		
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

MAINE RAILROAD BRIDGE
CAPACITY PROJECT - CONTRACT 2
MADAWASKA SUB. AROOSTOOK/PENOBSCOT

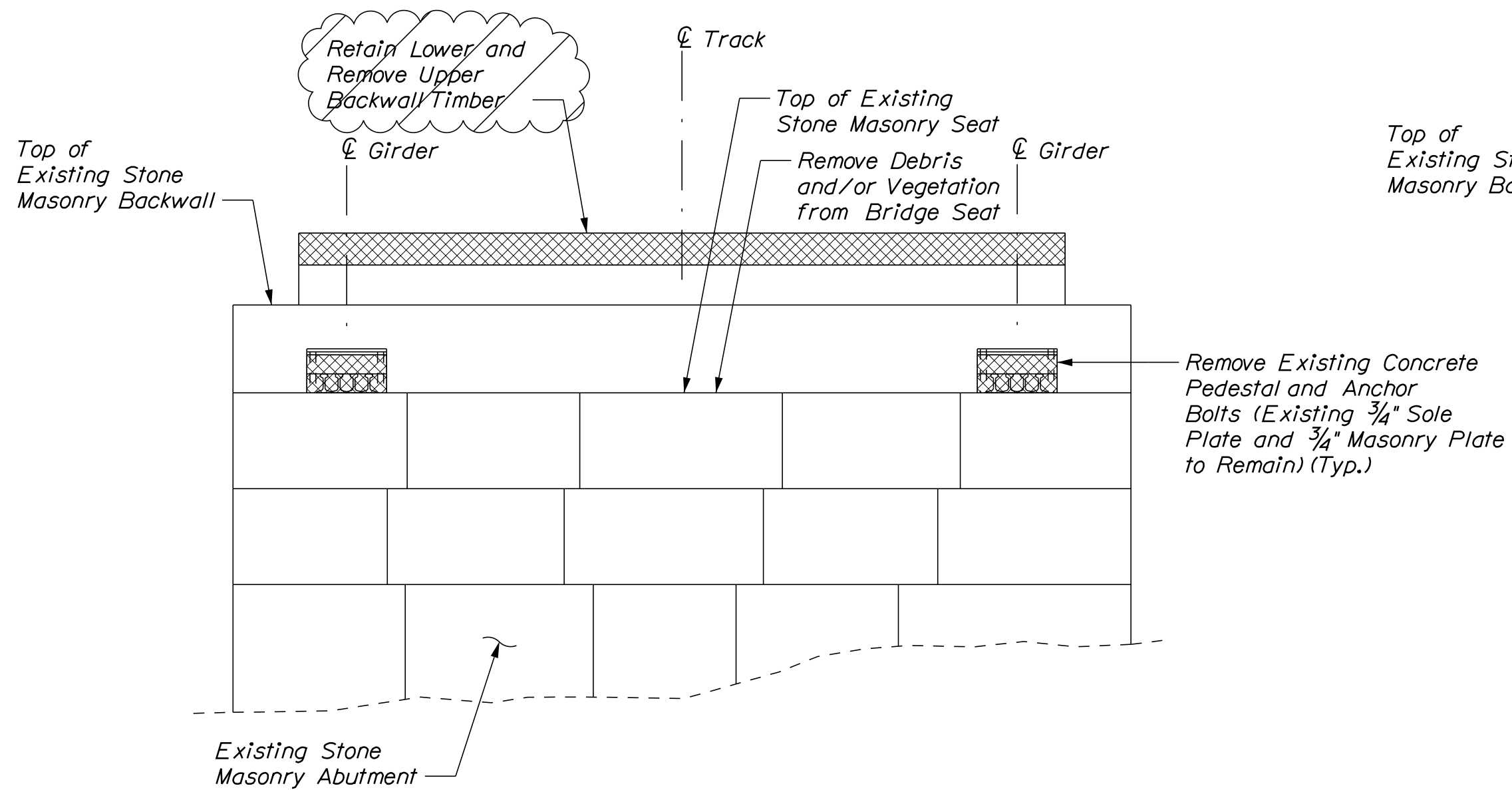
BR. NO. 7778 (M.P. 161.03)
OVER SMITH BROOK (2 OF 2)

SHEET NUMBER
60
OF 74

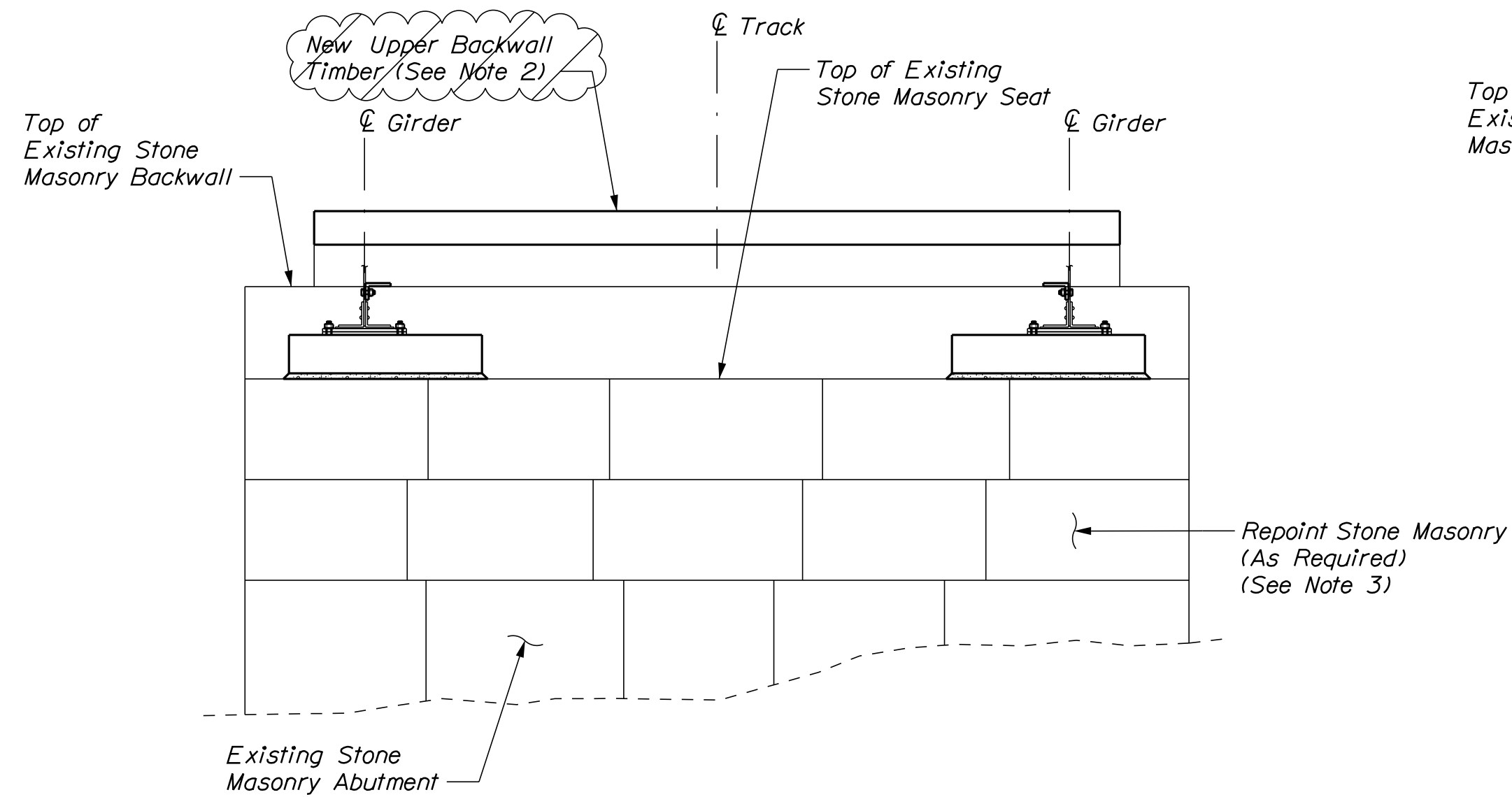


 Indicates work to be done by
the Railroad (Separate Contract)

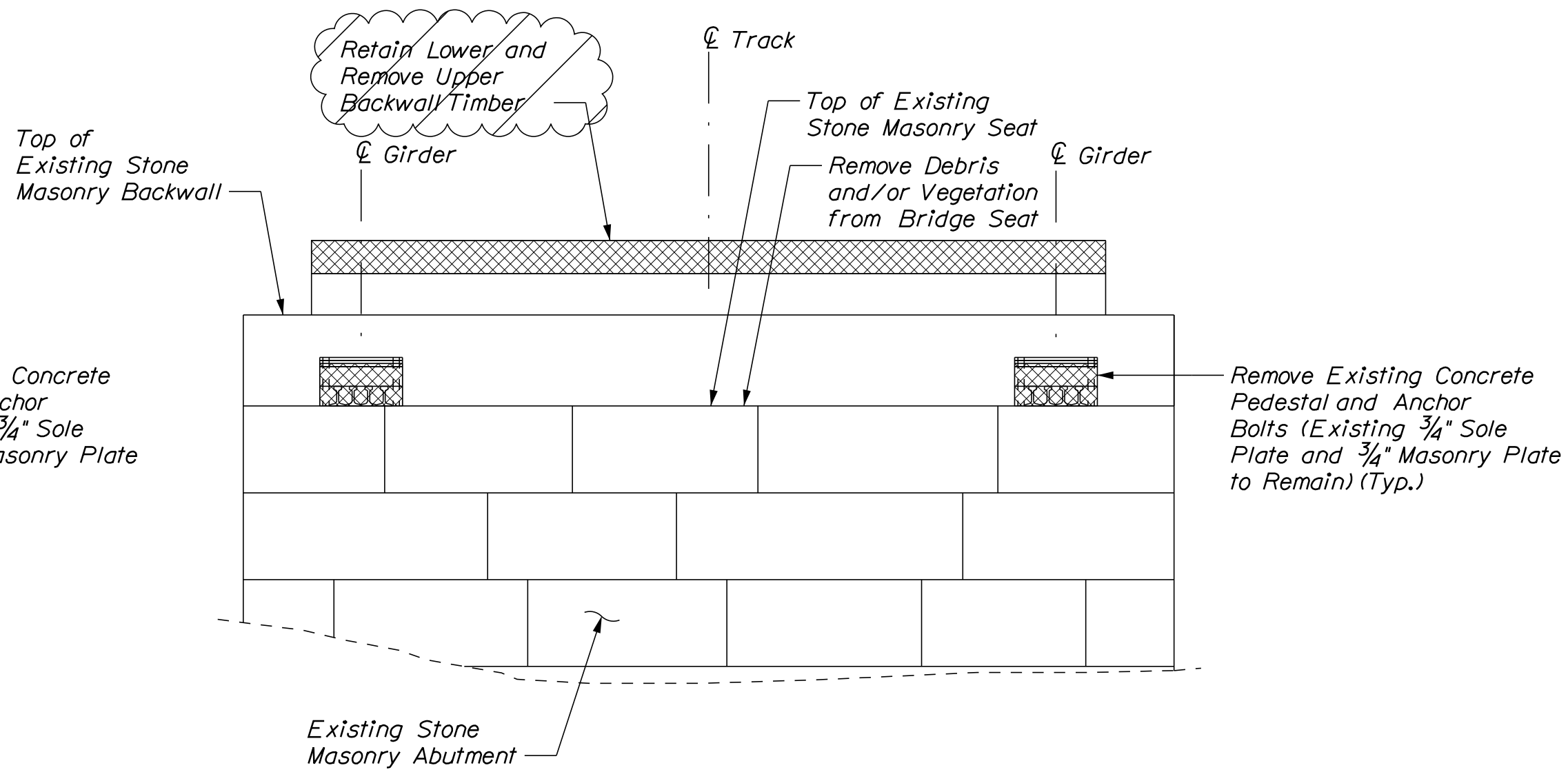
4. Superstructure is identical to Bridge No. 7777 (M.P. 154.59). See cover plate, shelf angle, and web splice details, as well as existing superstructure plans, on Bridge No. 7777 (M.P. 154.59). sheets (2 of 4 and 4 of 4) for strengthening details and additional information. Other rehabilitation details specific to Bridge No. 7779 (M.P. 164.74) are as noted and detailed with this bridge.



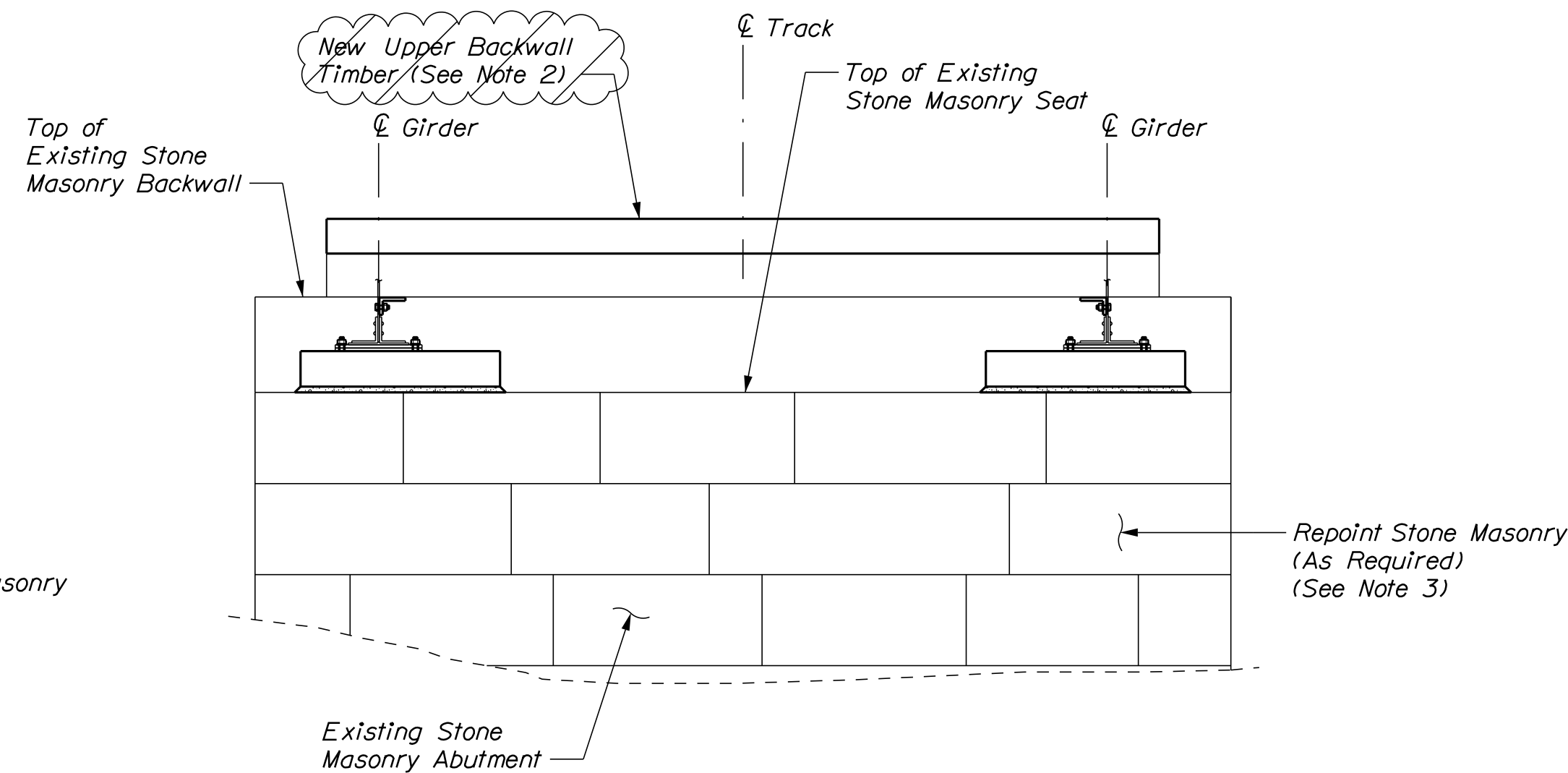
EXISTING SOUTH ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: 3/8" = 1'-0"



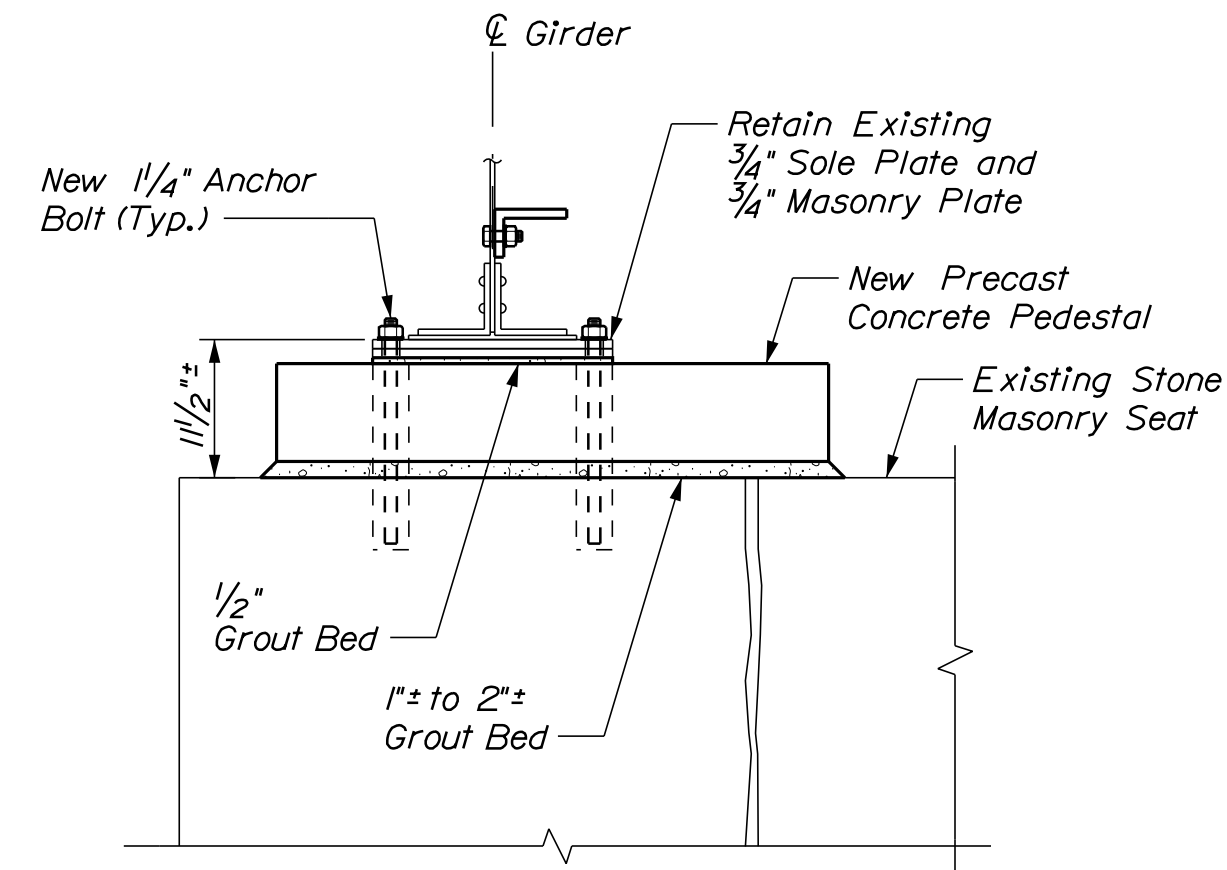
PROPOSED SOUTH ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: 3/8" = 1'-0"



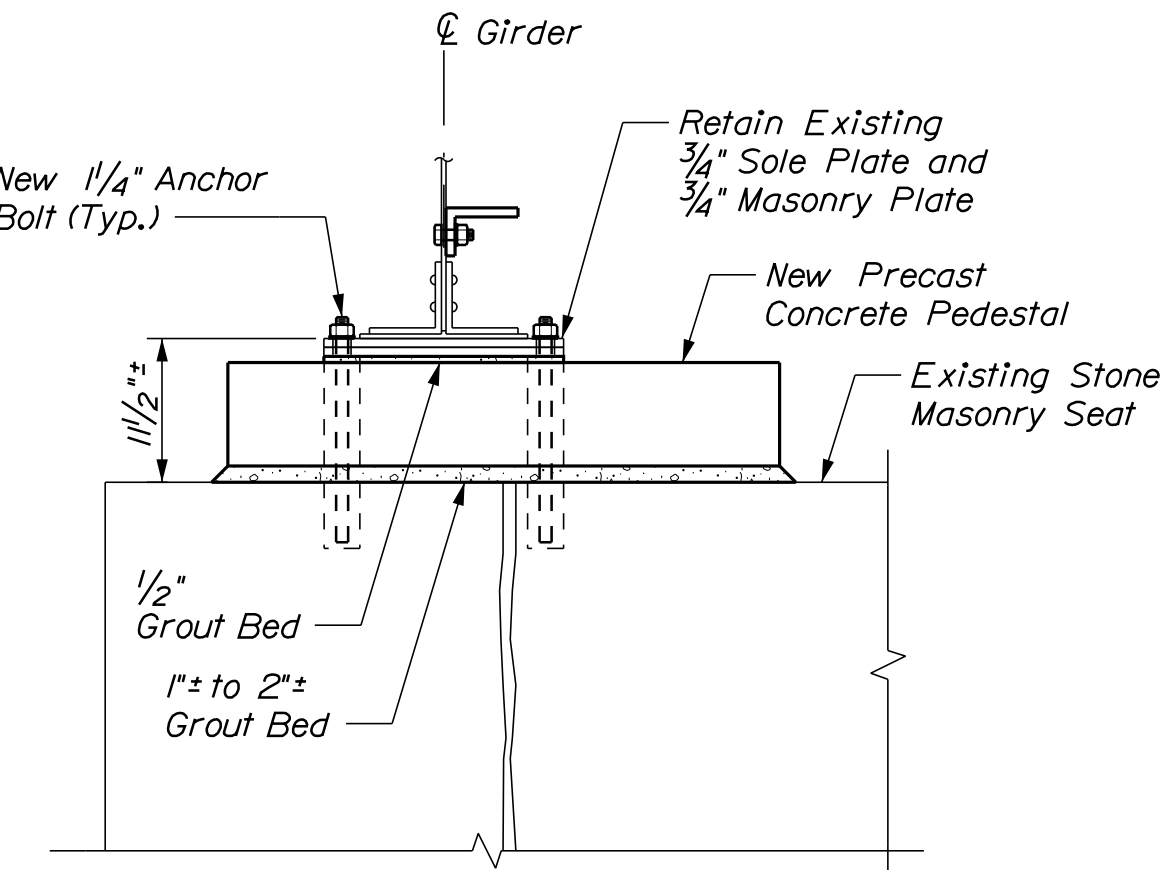
EXISTING NORTH ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: 3/8" = 1'-0"



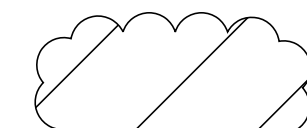
PROPOSED NORTH ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: 3/8" = 1'-0"



PROPOSED NORTHWEST BEARING AND PEDESTAL DETAIL
(Northeast Similar but Opposite Hand)
(See Note 4)
Not to Scale



PROPOSED SOUTHEAST BEARING AND PEDESTAL DETAIL
(Southwest Similar but Opposite Hand)
(See Note 4)
Not to Scale

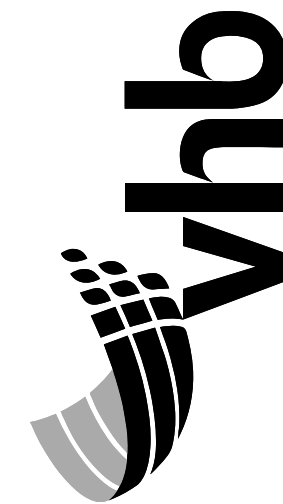
 Indicates work to be done by the Railroad (Separate Contract)

NOTES

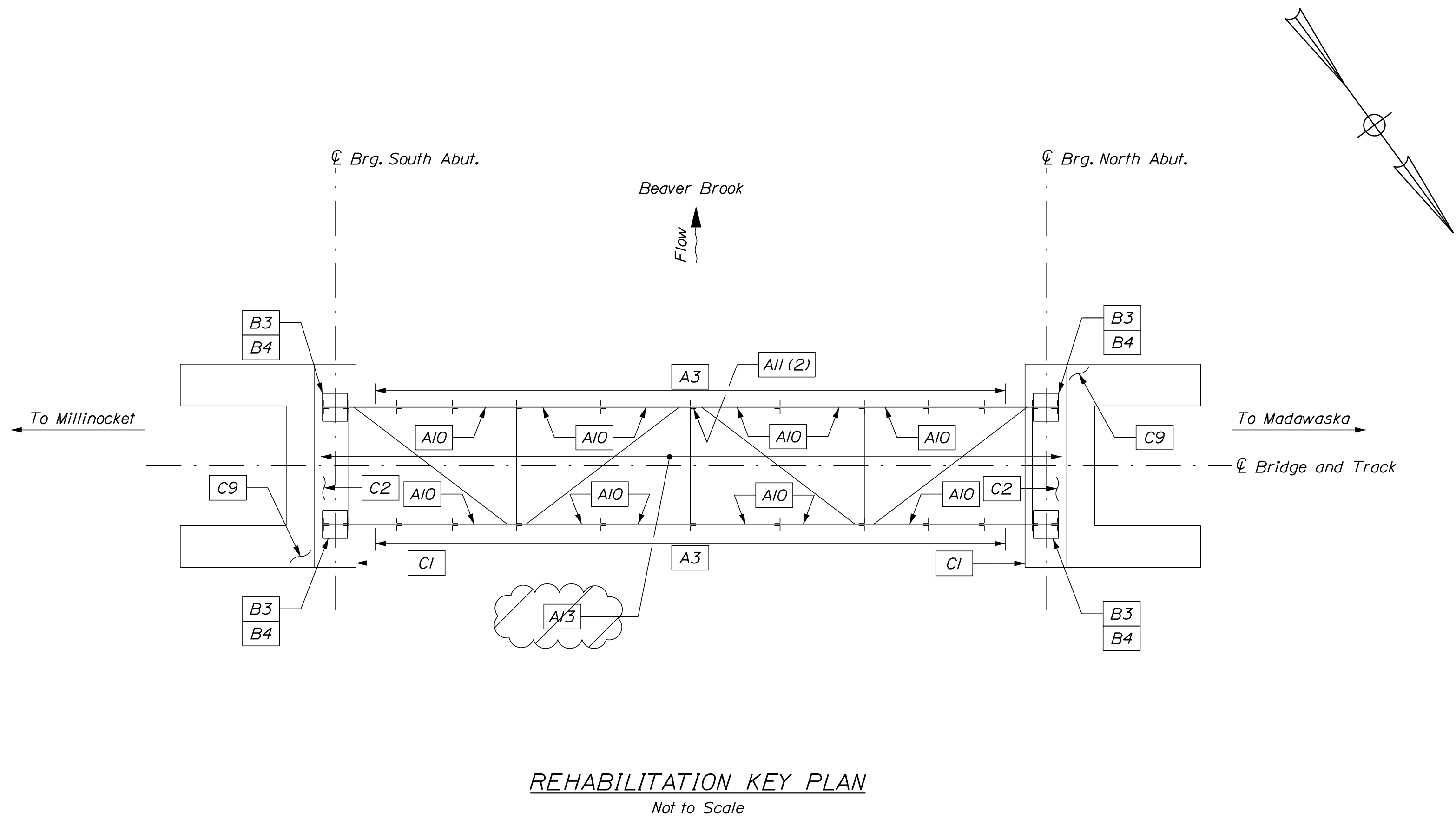
1. See General Notes Sheet for General Bridge Construction and Railroad Construction Notes.
2. See Typical Repair Details Sheet (1 of 4) for Backwall Timber Replacement Details. New upper backwall timber shall be fastened to existing lower backwall timber using 16" long, 3/4" dia. lag screws spaced at 16" maximum.
3. See Typical Repair Details Sheet (3 of 4) for Masonry Repointing Details.
4. See Bearing and Pedestal Details Sheets for Proposed Bearing and Pedestal Details and Notes.

LEGEND

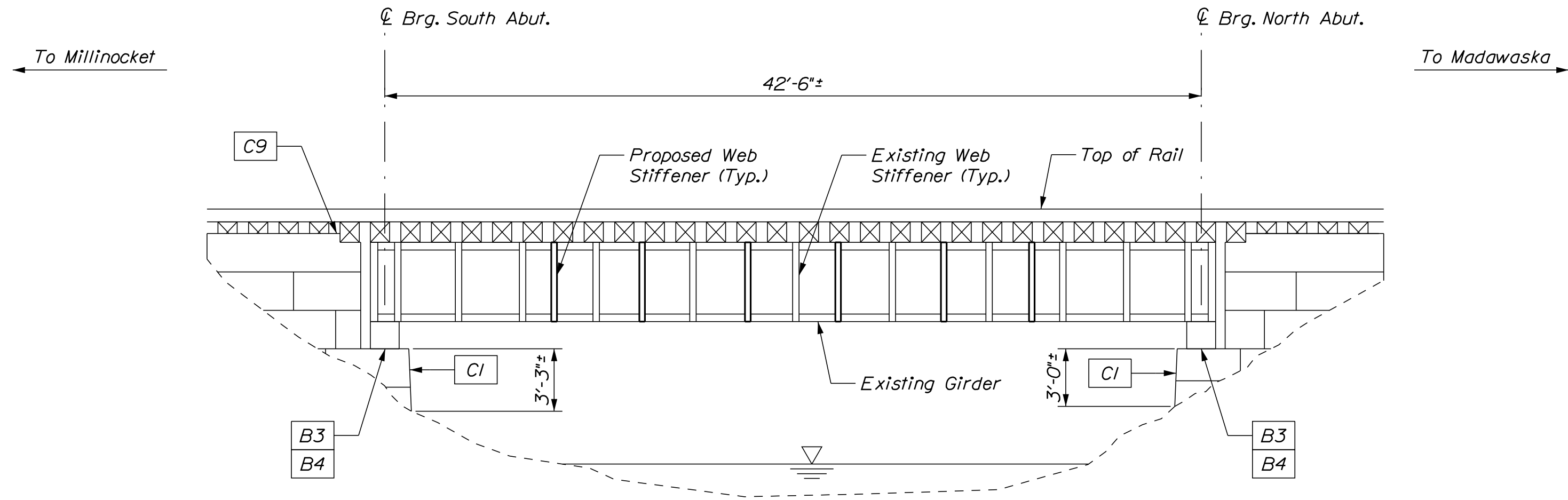
 Limits of Existing Bridge Removal



PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED	JCM	BLM	11/2018
CHECKED-REVIEWED	GSG	GSG	11/2018
DESIGNS-DETAILED			
REVISIONS	1		
REVISIONS	2		
REVISIONS	3		
REVISIONS	4		
FIELD CHANGES			



REHABILITATION KEY PLAN
Not to Scale



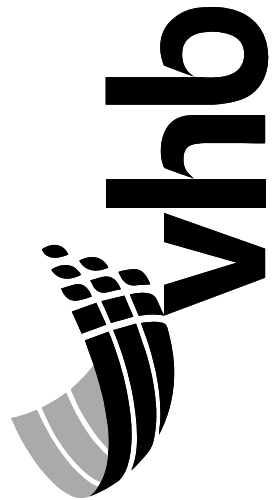
BRIDGE ELEVATION
Not to Scale

SUPERSTRUCTURE WORK ITEMS			
Work ID	Description	Number of Locations	See Detail on Sheet
A3	Remove and Replace Top and Bottom Flange Cover Plates	2	64
A10	Install Additional Web Stiffeners	12	64
A11	Replace Loose, Missing, or Deteriorated Rivet or Bolt with H.S. Bolt	2	4
A13	Replace All Bridge Timbers (See Note 2)	1	15
BEARING AND PEDESTAL WORK ITEMS			
Work ID	Description	Number of Locations	See Detail on Sheet
B3	Remove and Replace Anchor Bolts	4	9 & 65
B4	Remove and Replace Bearing Pedestal	4	9 & 65
SUBSTRUCTURE WORK ITEMS			
Work ID	Description	Number of Locations	See Detail on Sheet
C1	Repoint Stone Masonry Abutment	2	5
C2	Remove Debris and/or Vegetation from Bridge Seat	2	N/A
C9	Repair Corner of Concrete Backwall Cap	2	7 & 65

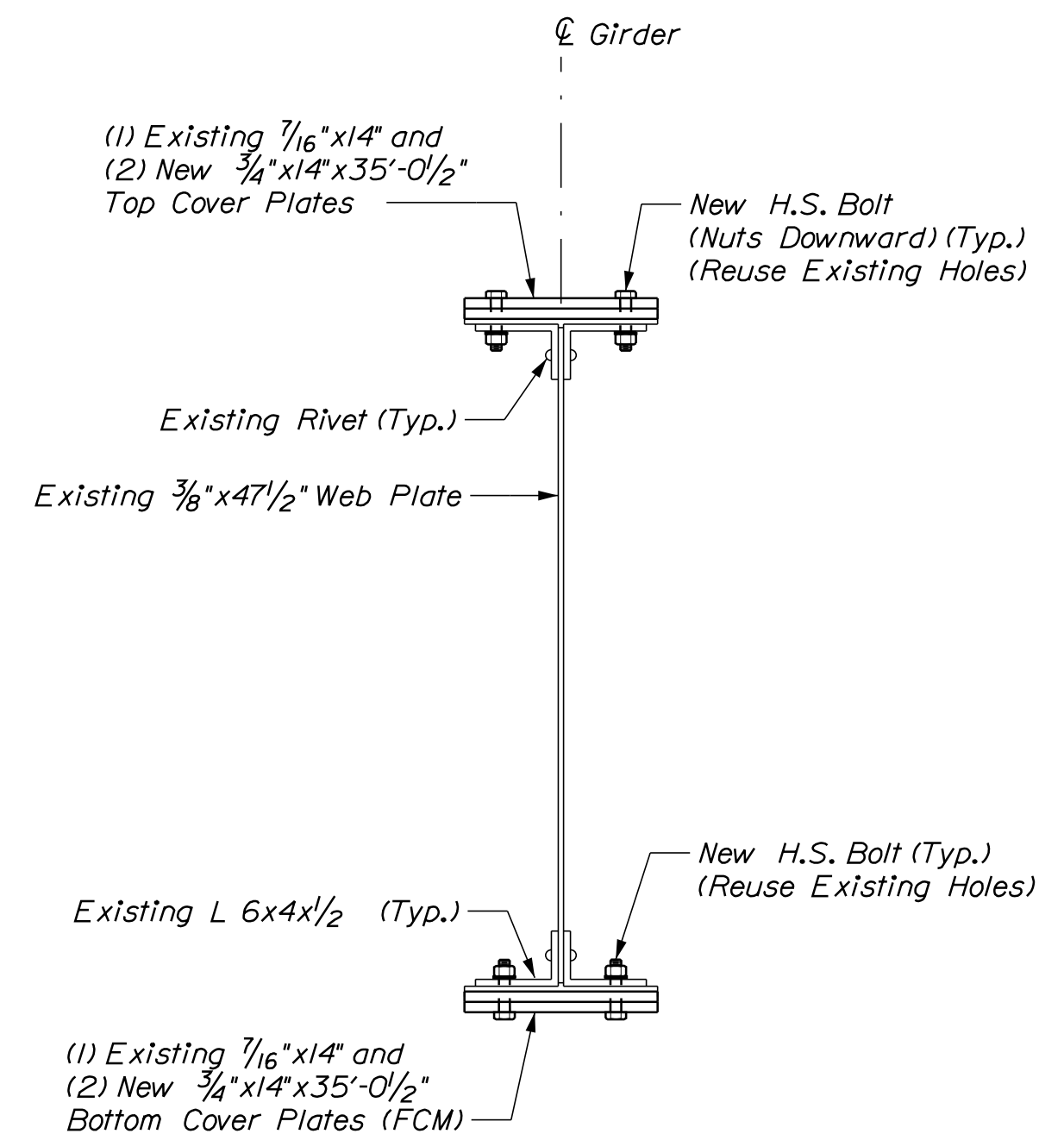
Indicates work to be done by the Railroad (Separate Contract)

NOTES

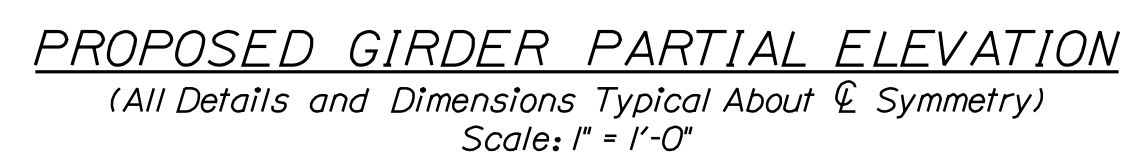
- See General Notes Sheet for General Bridge Construction Notes and Railroad Construction Notes.
- See Deck Details (6 of 7) for Timber Bridge Tie Layout and Details.



PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED	JSM	BYM	11/2018
CHECKED-REVIEWED	CSC	CSC	11/2018
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



PROPOSED GIRDER
SECTION AT MIDSPAN
Scale: 1" = 1'-0"

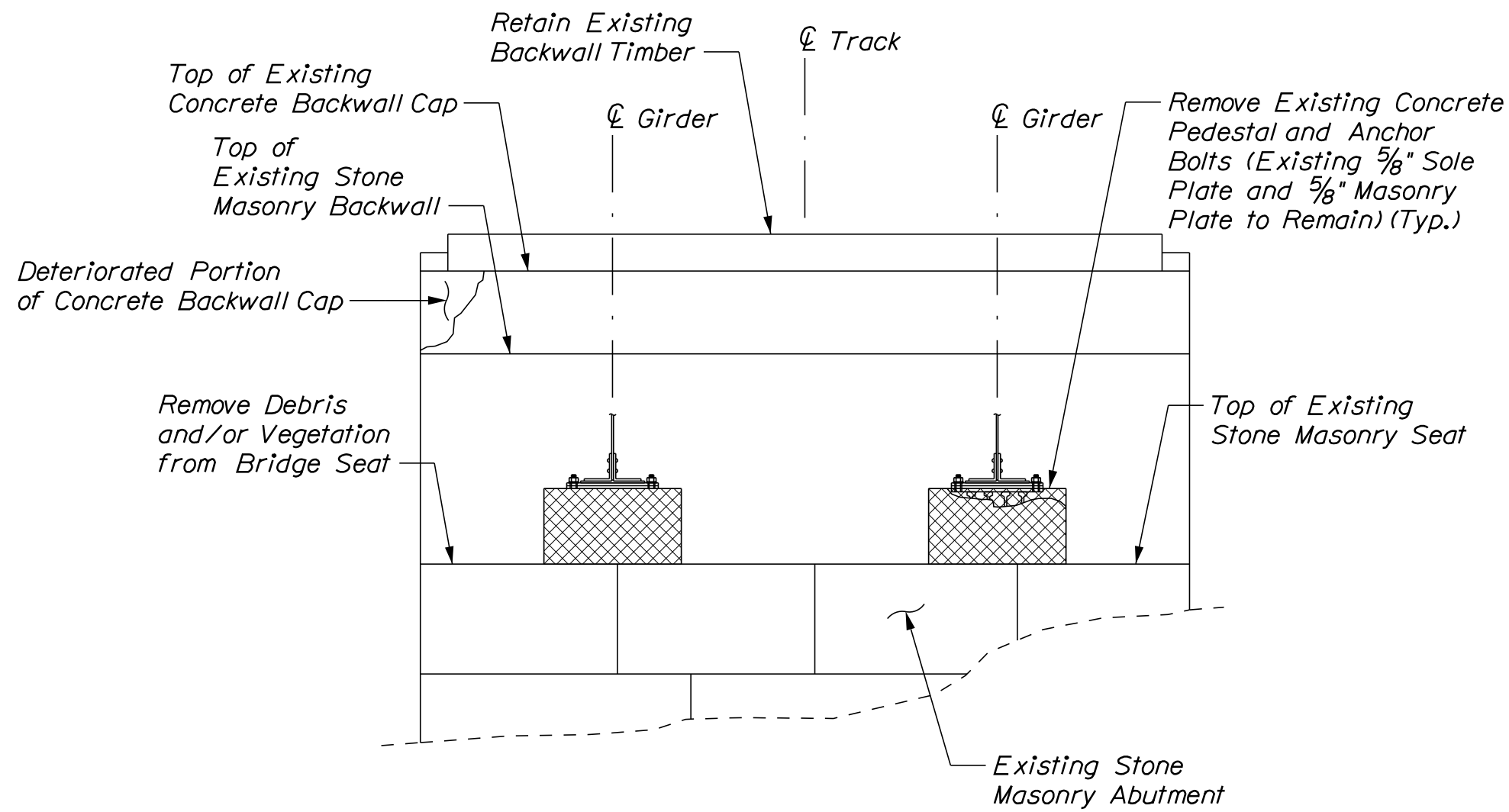


LEGEND

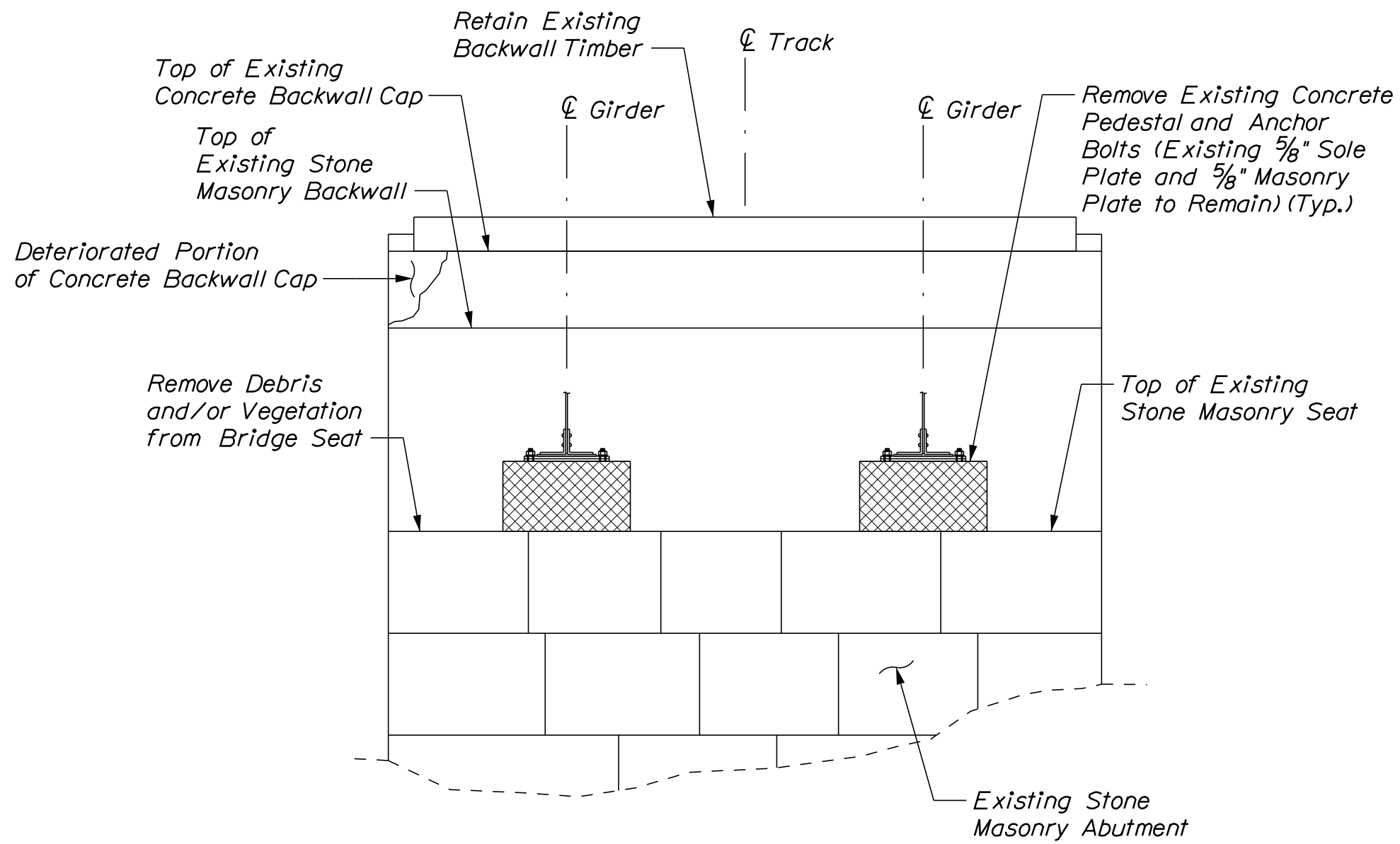
- *Field Drilled Hole*
- *Reuse Existing Hole*

1. See General Notes Sheet for General Bridge Construction Notes and Railroad Construction Notes.

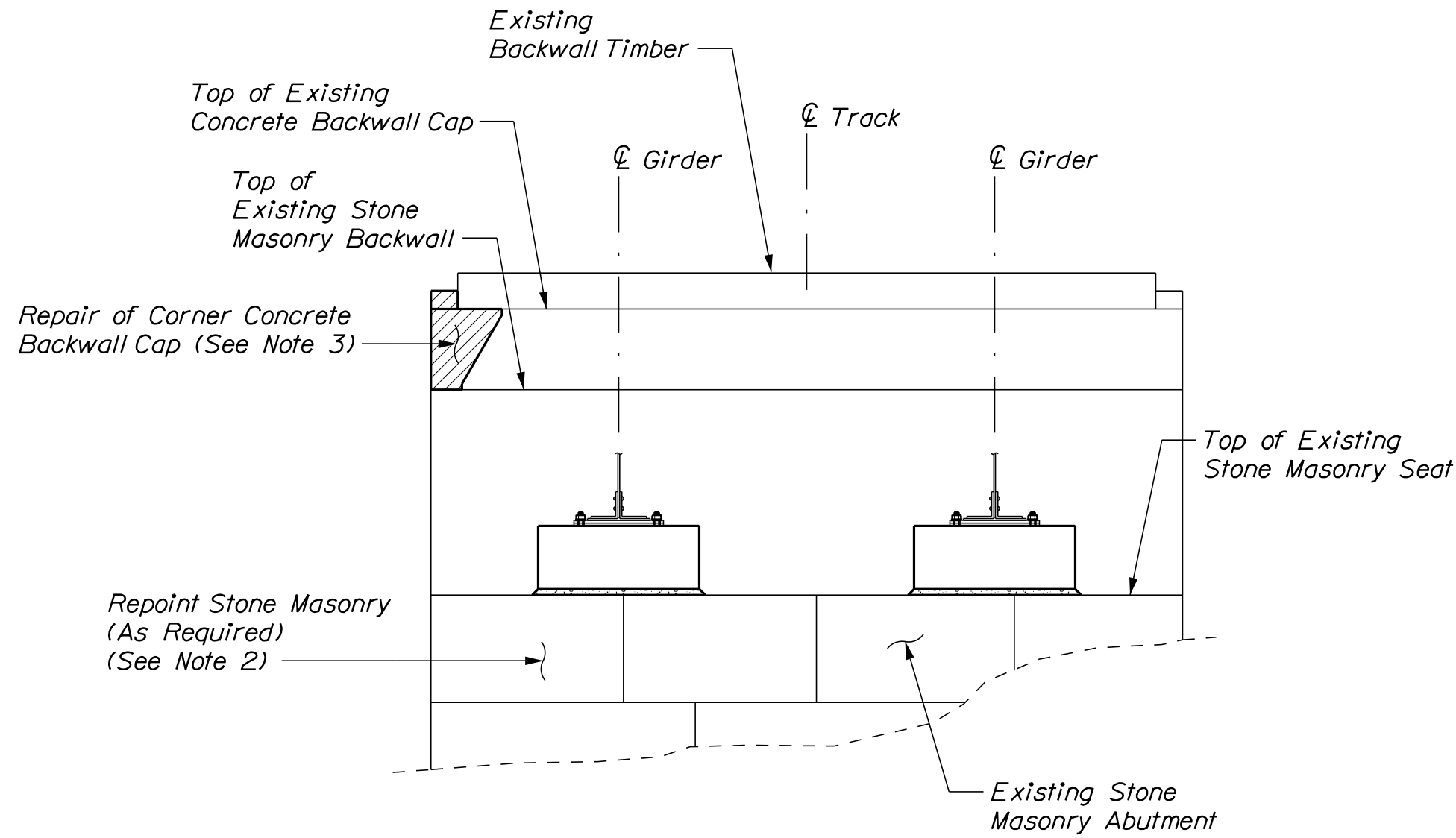
2. Repairs shown are typical for Bridge No. 7780 (M.P. 167.76) and Bridge No. 7781 (M.P. 179.34).



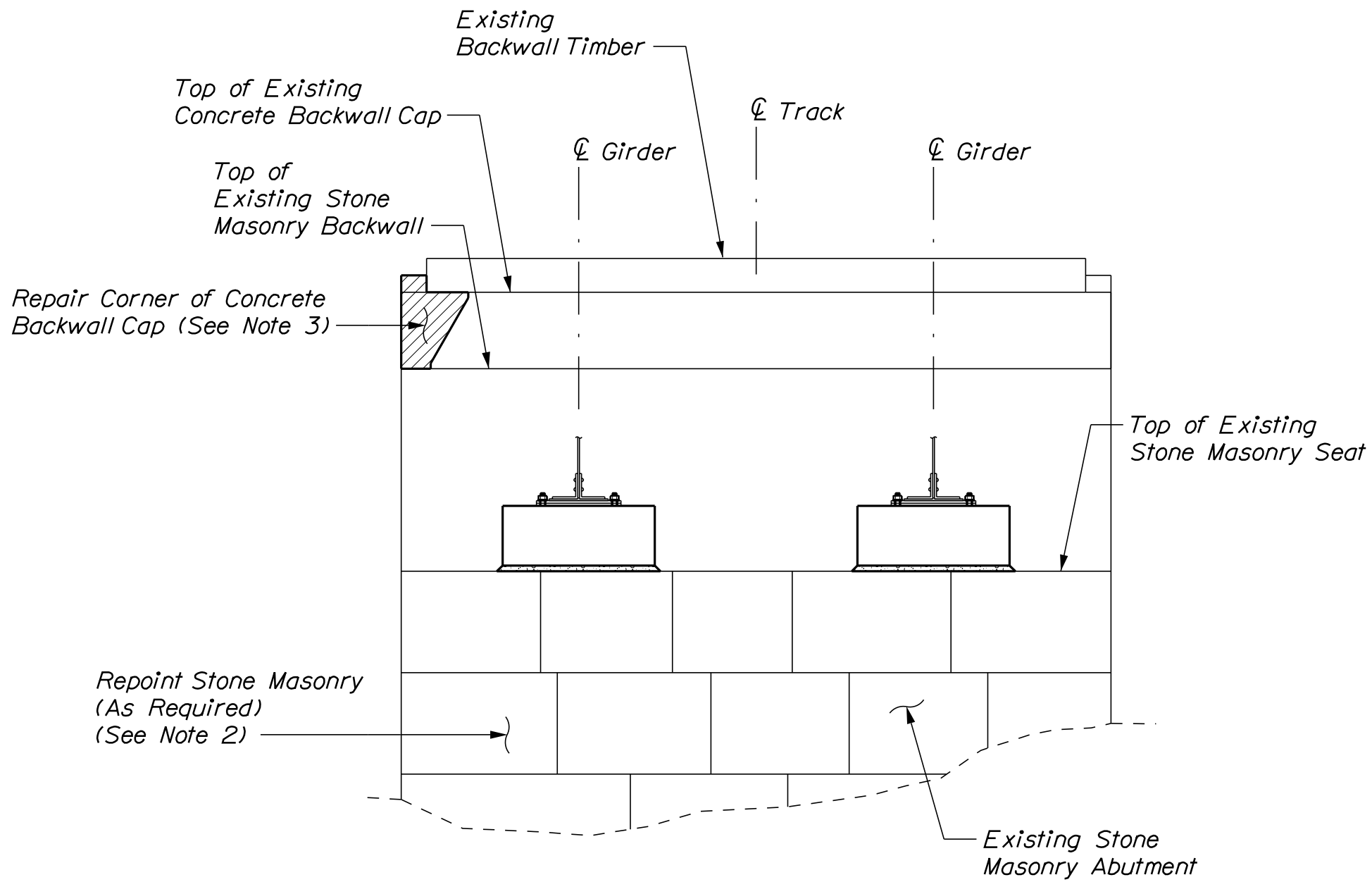
EXISTING SOUTH
ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: 3/8" = 1'-0"



EXISTING NORTH
ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: 3/8" = 1'-0"



PROPOSED SOUTH
ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: 3/8" = 1'-0"



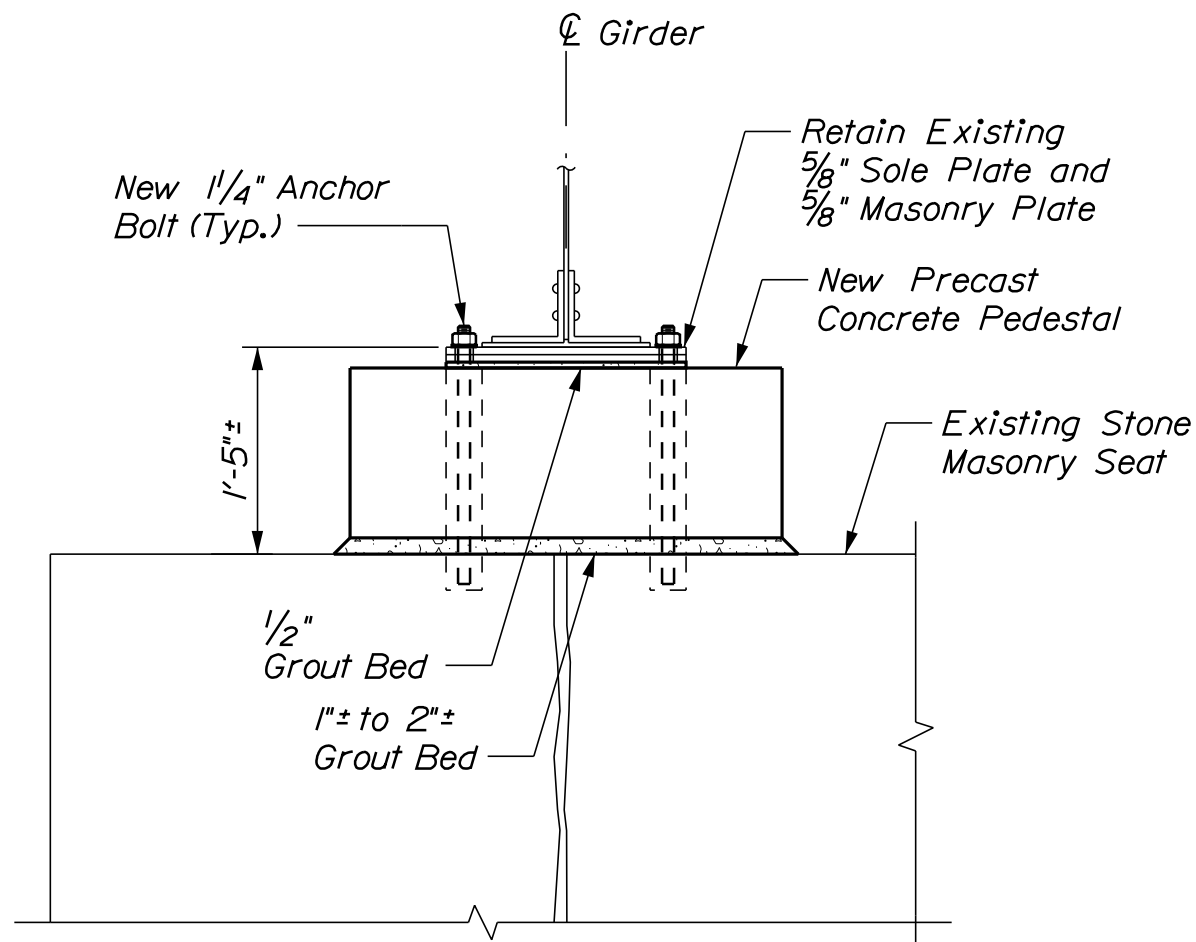
PROPOSED NORTH
ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: 3/8" = 1'-0"

ESTIMATED CONCRETE REPAIR QUANTITIES

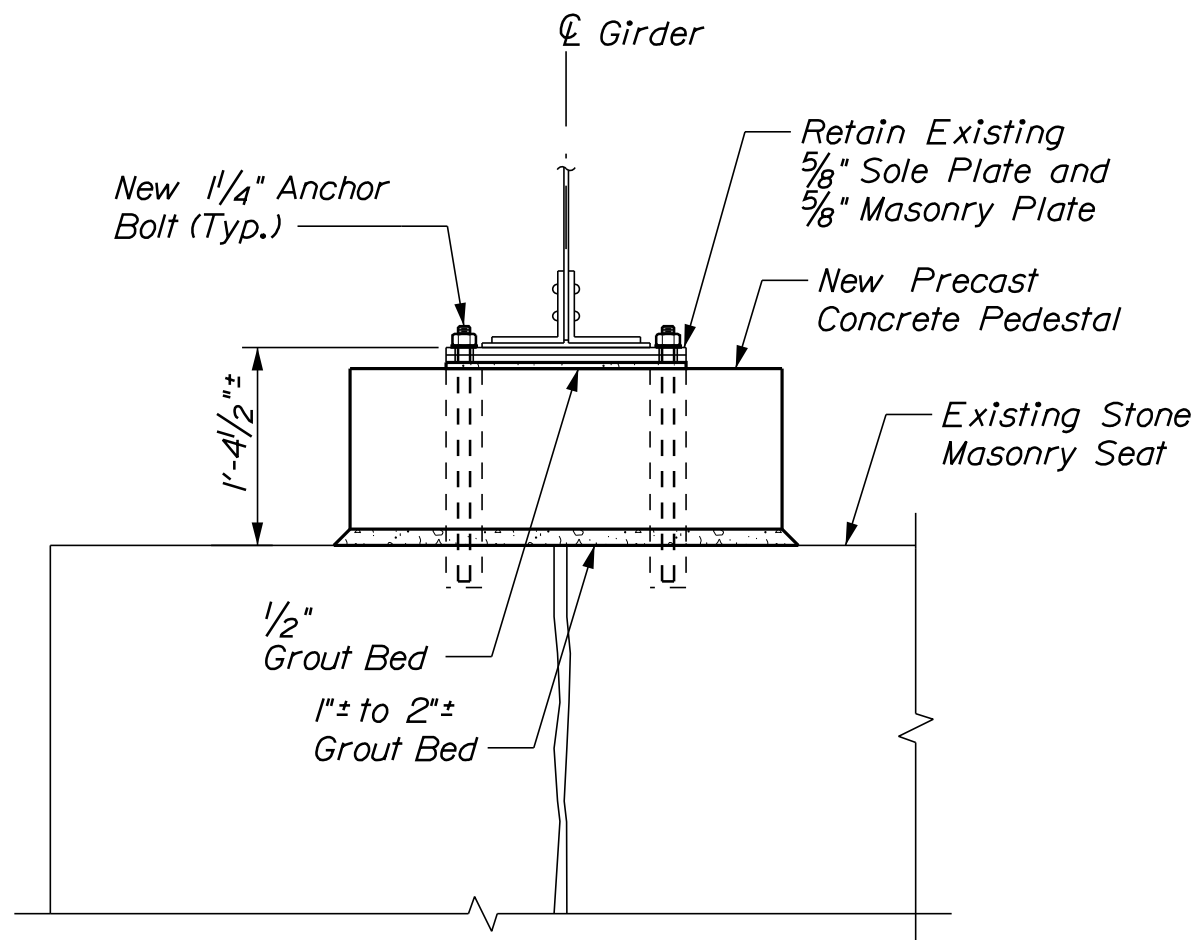
Backwall Cap Repair Concrete (See Note 3) 1.0 CY *
* Includes 0.5 CY additional repair quantity as a contingency

LEGEND

- Limits of Existing Bridge Removal
- Proposed Concrete (See Note 3)



PROPOSED NORTHWEST BEARING
AND PEDESTAL DETAIL
(Northeast Similar but Opposite Hand)
(See Note 4)
Not to Scale

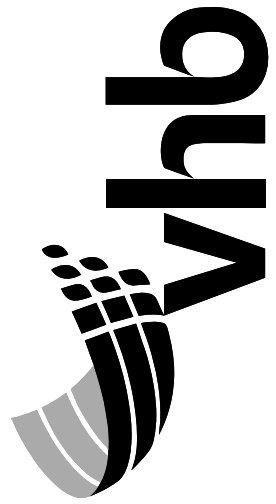


PROPOSED SOUTHEAST BEARING
AND PEDESTAL DETAIL
(Southwest Similar but Opposite Hand)
(See Note 4)
Not to Scale

NOTES

- See General Notes Sheet for General Bridge Construction Notes and Railroad Construction Notes.
- See Typical Repair Details Sheet (3 of 4) for Masonry Repointing Details.
- Where Repair Corner of Concrete Backwall Cap is specified payment shall be made under Item 518.2111, Rehabilitate Structural Concrete Substructure. See Typical Repair Details Sheet (4 of 4) for Repair to Corner of Concrete Backwall Cap Details.
- See Bearing and Pedestal Details Sheets for Proposed Bearing and Pedestal Details and Notes.

STATE OF MAINE	BRIDGE NO. 7780	WIN	23486.00
DEPARTMENT OF TRANSPORTATION			



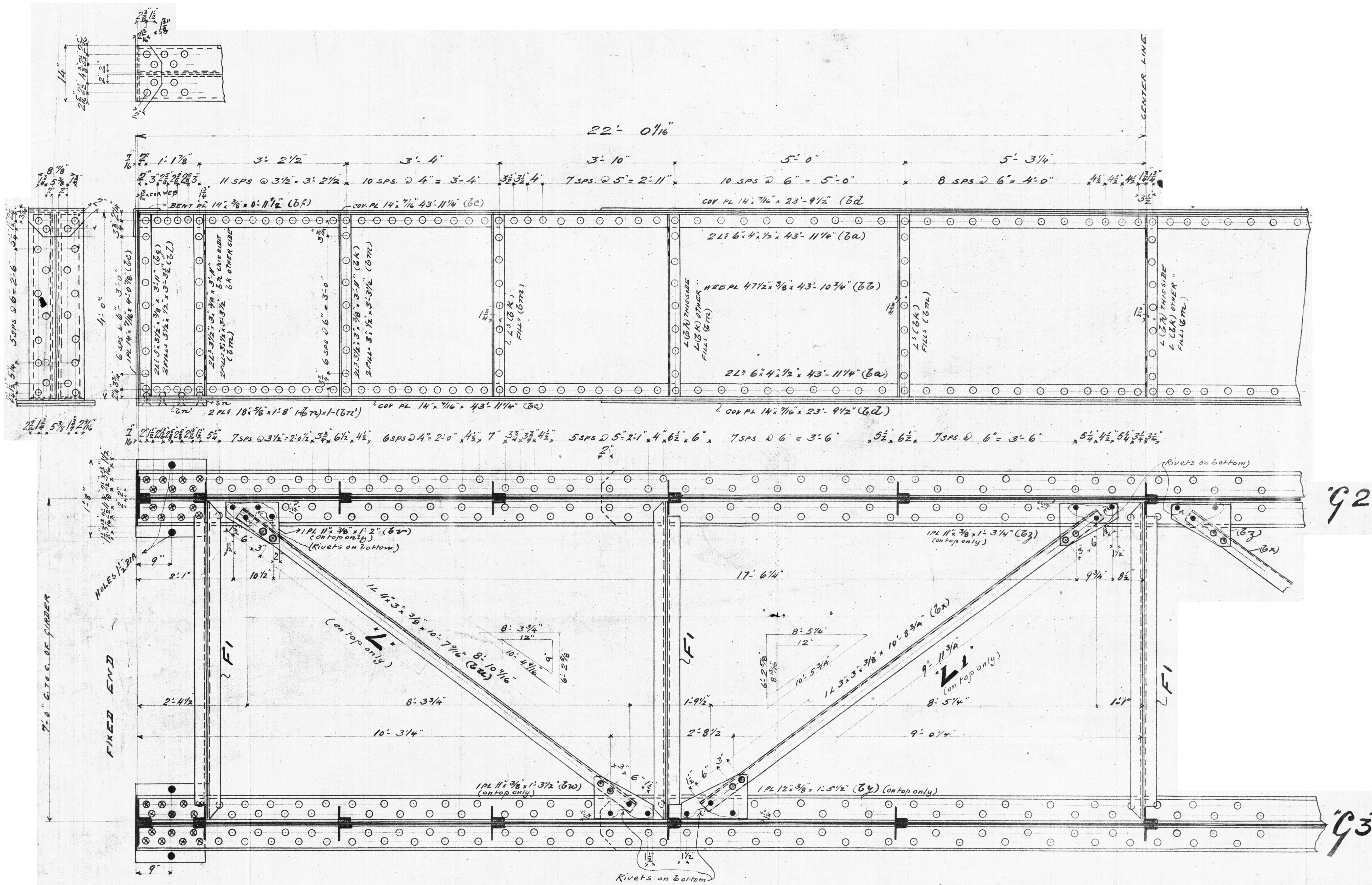
DATE	BY	DATE	BY	DATE	BY
11/2018	BUM	11/2018	CSG		
11/2018	CSG				

MAINE RAILROAD BRIDGE	DESIGN-DETAILED	DESIGN-REVIEWED	DESIGN-DETAILED	DESIGN-REVIEWED	DESIGN-DETAILED	DESIGN-REVIEWED	DESIGN-DETAILED	DESIGN-REVIEWED	DESIGN-DETAILED
CAPACITY PROJECT - CONTRACT 2	CSG	CSG	CSG	CSG	CSG	CSG	CSG	CSG	CSG
MADAWASKA SUB. AROOSTOOK/PENOBSCOT									
BR. NO. 7780 (M.P. 167.76)	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	REVISIONS 5	REVISIONS 6	REVISIONS 7	REVISIONS 8	REVISIONS 9
OVER BEAVER BROOK (3 OF 4)									

SHEET NUMBER

65

OF 74



EXISTING GIRDER HALF ELEVATION
 BRIDGE NO. 7780 (M.P. 167.76) AND BRIDGE NO. 7781 (M.P. 179.34)
 Not to Scale

SHEET PROVIDED FOR INFORMATION ONLY

NOTES

1. See General Notes Sheet for General Bridge Construction Notes and Railroad Construction Notes.
2. Bridge No. 7780 (M.P. 167.76) and Bridge No. 7781 (M.P. 179.34) are built from the same existing plan and have identical superstructures.



PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED	11/2018	N/A	11/2018
CHECKED-REVIEWED	N/A	N/A	
DESIGNS-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

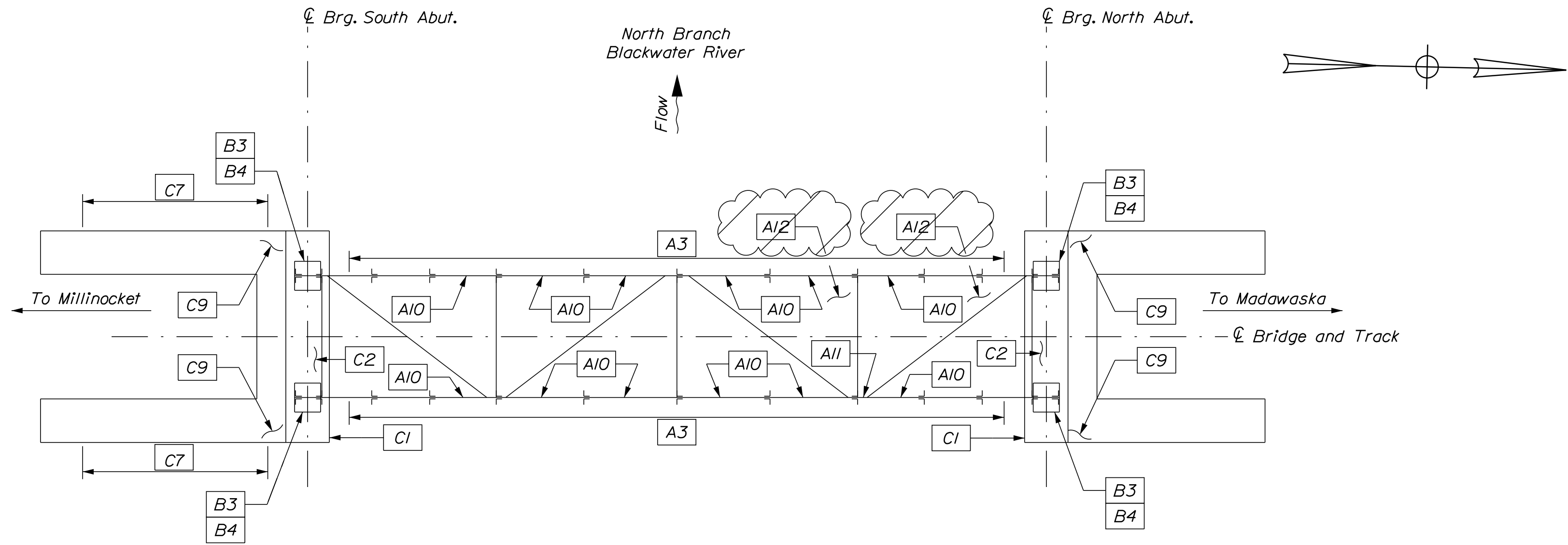
MAINE RAILROAD BRIDGE

CAPACITY PROJECT - CONTRACT 2

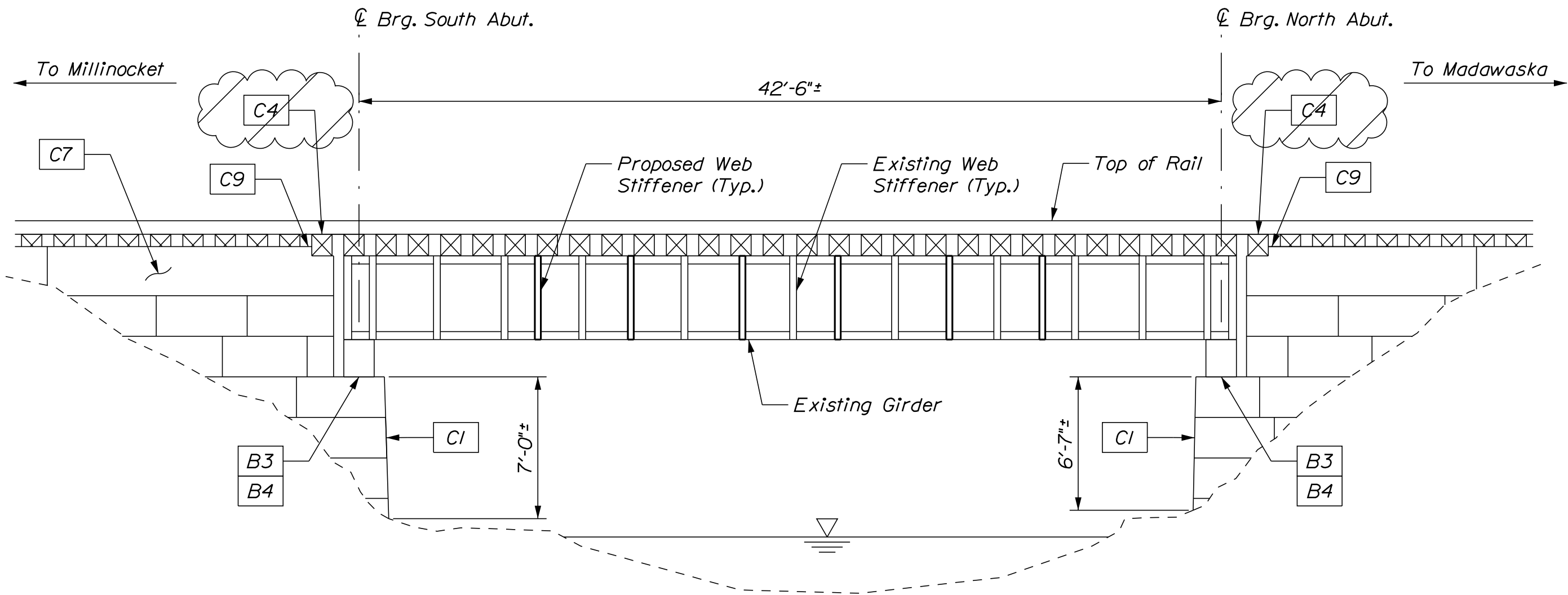
MADAWASKA SUB. AROOSTOOK/PENOBSCOT

BR. NO. 7780 (M.P. 167.76)

OVER BEAVER BROOK (4 OF 4)



REHABILITATION KEY PLAN
(Existing Superstructure is Identical to Bridge No. 7780 (M.P. 167.76) See Note 2)
Not to Scale



BRIDGE ELEVATION
(Existing Superstructure is Identical to Bridge No. 7780 (M.P. 167.76) See Note 2)
Not to Scale

SUPERSTRUCTURE WORK ITEMS (SEE NOTE 2)			
Work ID	Description	Number of Locations	See Detail on Sheet
A3	Remove and Replace Top and Bottom Flange Cover Plates	2	64
A10	Install Additional Web Stiffeners	12	64
A11	Replace Loose, Missing, or Deteriorated Rivet or Bolt with H.S. Bolt	1	4
A12	Remove and Replace Bridge Timber (See Note 3 and 4)	2	N/A
BEARING AND PEDESTAL WORK ITEMS			
Work ID	Description	Number of Locations	See Detail on Sheet
B3	Remove and Replace Anchor Bolts	4	9 & 68
B4	Remove and Replace Bearing Pedestal	4	9 & 68
SUBSTRUCTURE WORK ITEMS			
Work ID	Description	Number of Locations	See Detail on Sheet
C1	Repaint Stone Masonry Abutment	2	5
C2	Remove Debris and/or Vegetation from Bridge Seat	2	N/A
C4	Remove and Replace Backwall Timber	2	4
C7	Patch Repair Concrete Surfaces	2	7 & 68
C9	Repair Corner of Concrete Backwall Cap	4	7 & 68

Indicates work to be done by the Railroad (Separate Contract)

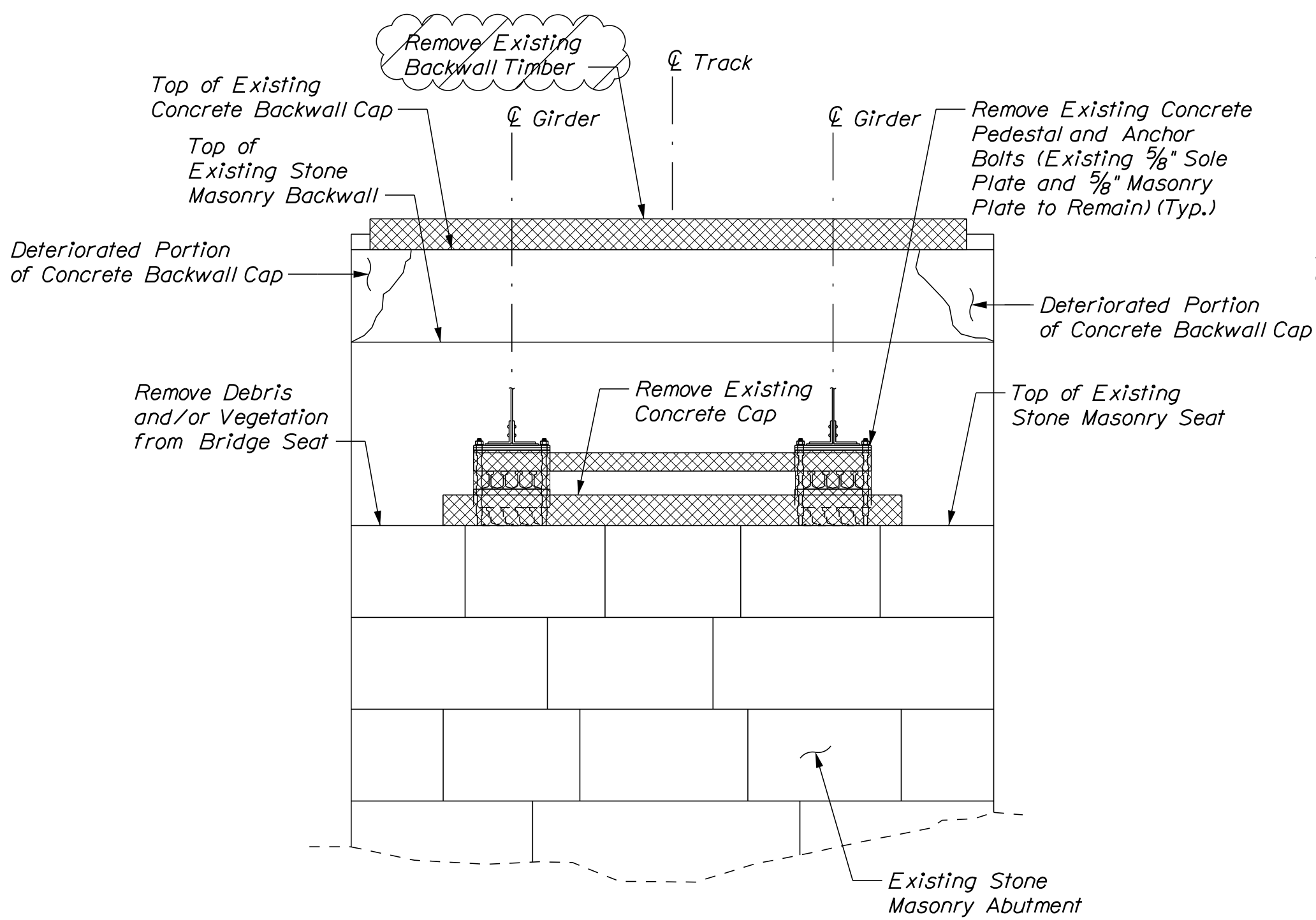
NOTES

1. See General Notes Sheet for General Bridge Construction Notes and Railroad Construction Notes.

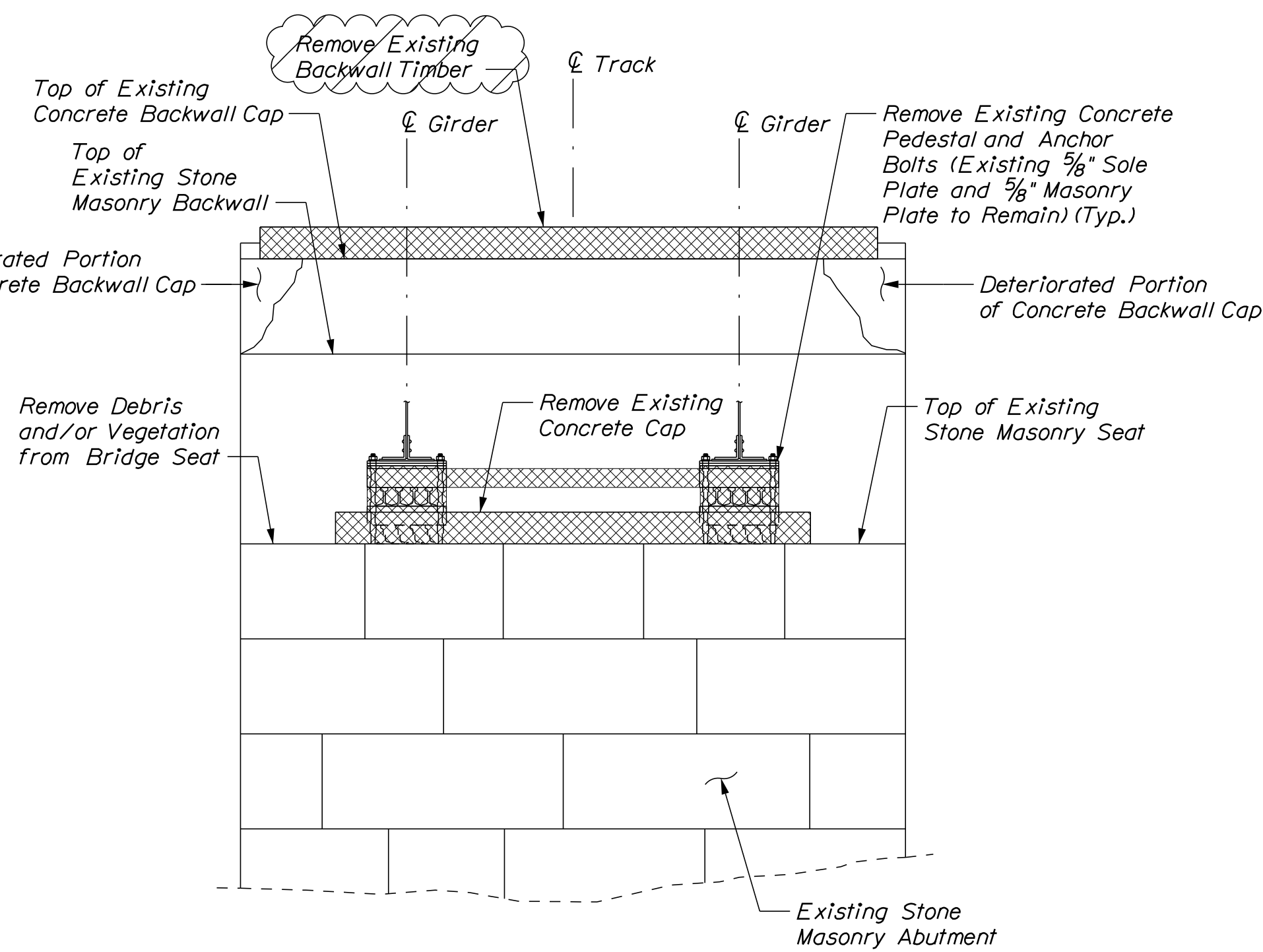
2. Superstructure is identical to Bridge No. 7780 (M.P. 167.76). See cover plate and web stiffener details, as well as existing superstructure plans, on Bridge No. 7780 (M.P. 167.76) sheets (2 of 4 and 4 of 4) for strengthening details and additional information. Other rehabilitation details specific to Bridge No. 7781 (M.P. 179.34) are as noted and detailed with this bridge.

3. The locations shown for bridge timbers to be removed and replaced are approximate. Final location and quantity of bridge timbers to be removed and replaced shall be as directed by the Resident and shall be agreed upon with the Contractor prior to start of work. Existing bridge timbers to be removed and replaced shall be replaced in-kind.

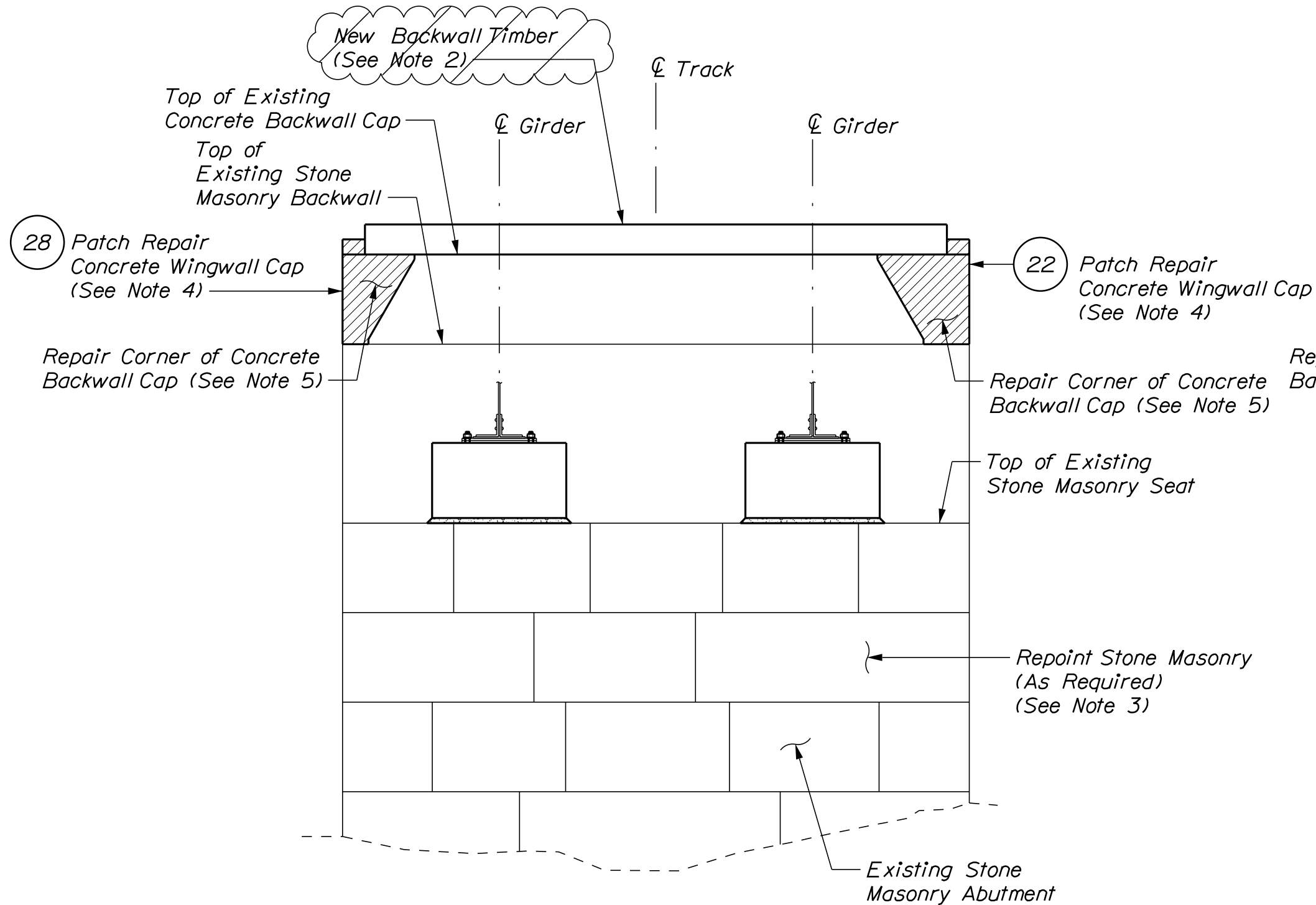
4. Existing bridge timbers shall be dapped in-field to accommodate new top flange cover plates. Cuts in existing timbers shall be treated with preservative in-field in accordance with Special Provision 528.



EXISTING SOUTH ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: 3/8" = 1'-0"



EXISTING NORTH ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: 3/8" = 1'-0"



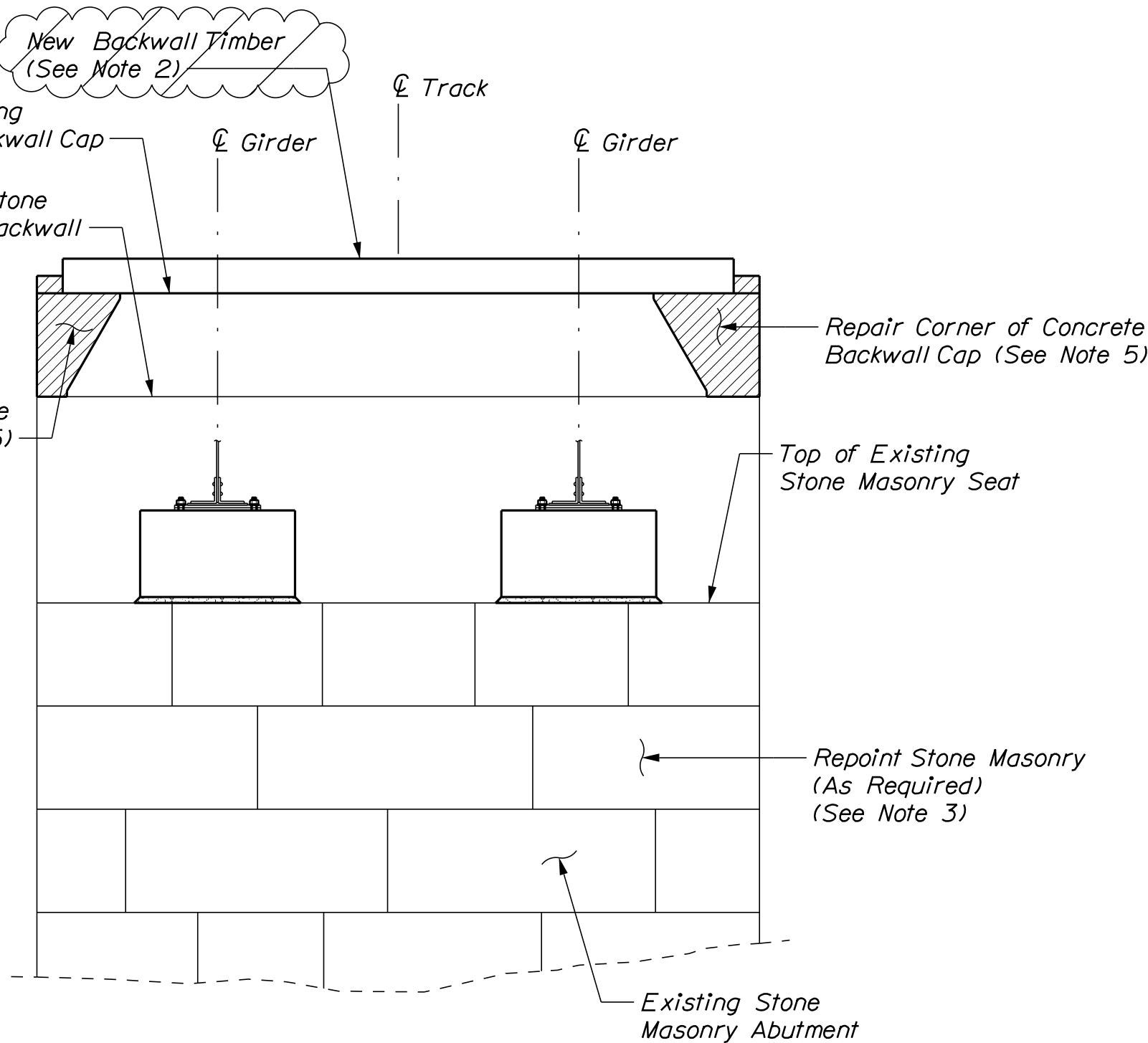
PROPOSED SOUTH ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: 3/8" = 1'-0"

LEGEND

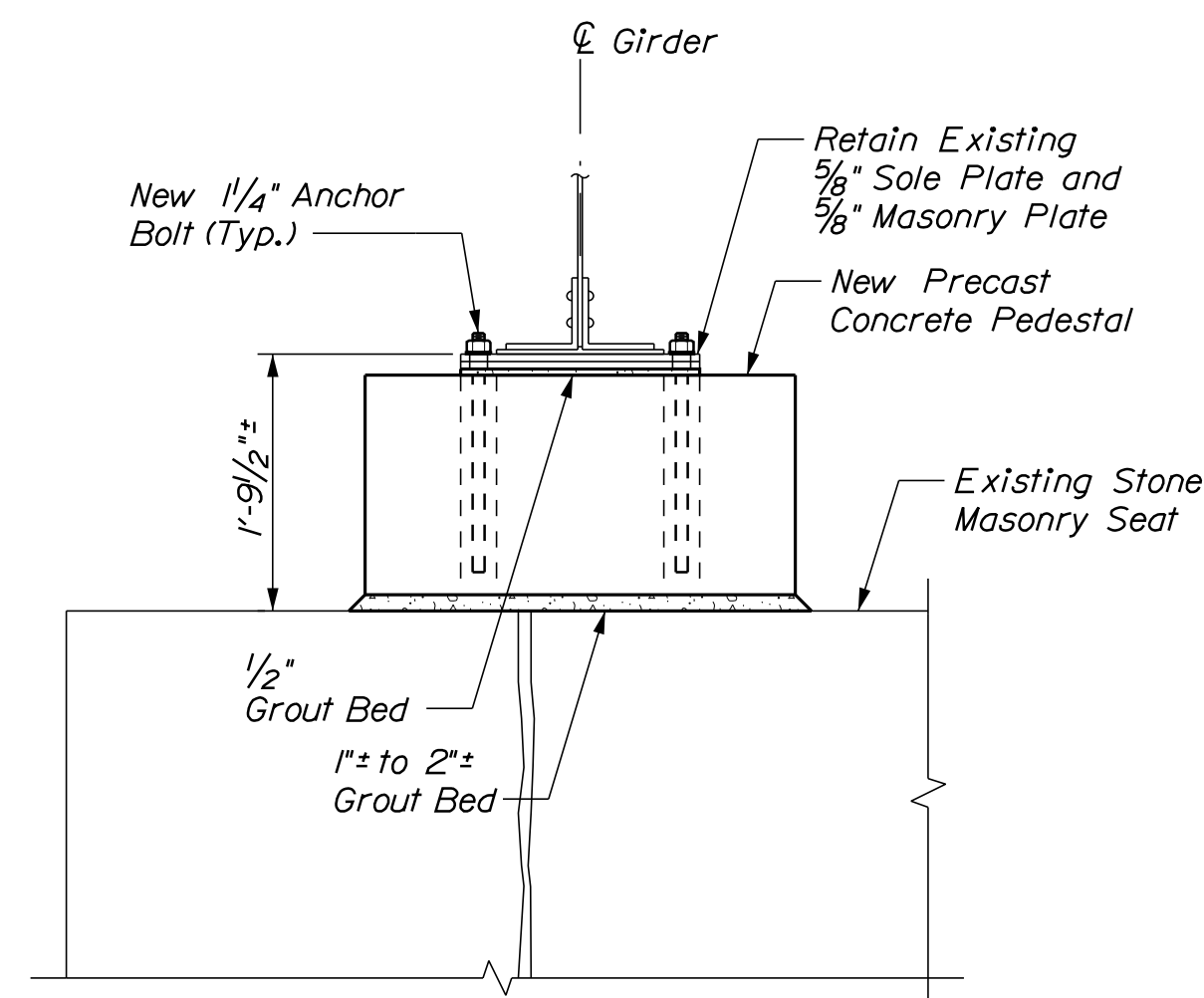
- Limits of Existing Bridge Removal
- Proposed Concrete (See Note 5)

- Approximate Square Footage of Surface Patch Repair (See Note 4)

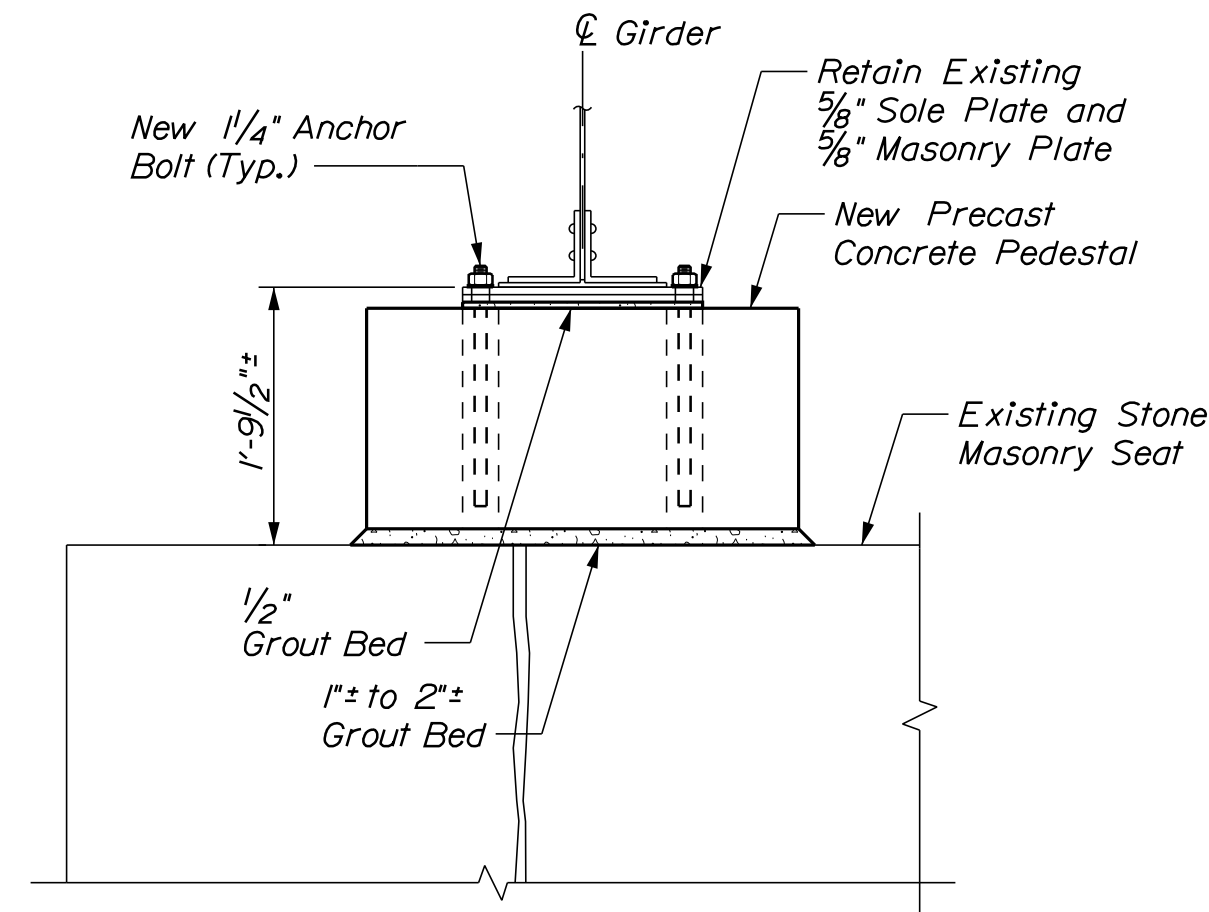
- Indicates work to be done by the Railroad (Separate Contract)



PROPOSED NORTH ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: 3/8" = 1'-0"



PROPOSED NORTHWEST BEARING AND PEDESTAL DETAIL
(Northeast Similar but Opposite Hand)
(See Note 6)
Not to Scale



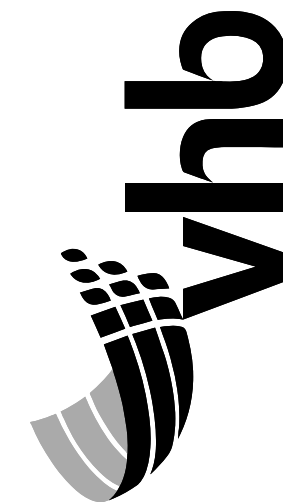
PROPOSED SOUTHEAST BEARING AND PEDESTAL DETAIL
(Southwest Similar but Opposite Hand)
(See Note 6)
Not to Scale

ESTIMATED CONCRETE REPAIR QUANTITIES

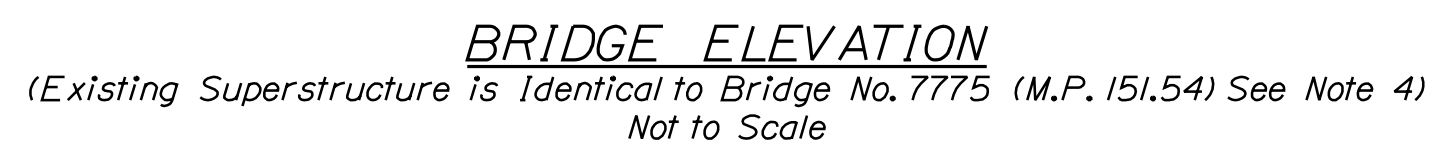
- Surface Patch Repair (See Note 4) 50 SY *
- * Includes 5 SY additional repair quantity as a contingency
- Backwall Cap Repair Concrete (See Note 5) 2.0 CY *
- * Includes 0.5 CY additional repair quantity as a contingency

NOTES

1. See General Notes Sheet for General Bridge Construction Notes and Railroad Construction Notes.
2. See Typical Repair Details Sheet (1 of 4) for Backwall Timber Replacement Details.
3. See Typical Repair Details Sheet (3 of 4) for Masonry Repointing Details.
4. Where Surface Patch Repair is specified payment shall be made under Item 518.60, Repair of Vertical Surfaces < 8 inches. See Typical Repair Details Sheet (4 of 4) for Surface Patch Repair Details.
5. Where Repair Corner of Concrete Backwall Cap is specified payment shall be made under Item 518.211, Rehabilitate Structural Concrete Substructure. See Typical Repair Details Sheet (4 of 4) for Repair to Corner of Concrete Backwall Cap Details.
6. See Bearing and Pedestal Details Sheets for Proposed Bearing and Pedestal Details and Notes.



PROJ. MANAGER	DATE	BY	DATE	REVISIONS	FIELD CHANGES
DESIGN-DETAILED	11/2018	JCM	11/2018		
CHECKED-REVIEWED		GSG			
DESIGN-DETAILED					
REVISIONS					
1					
2					
3					
4					

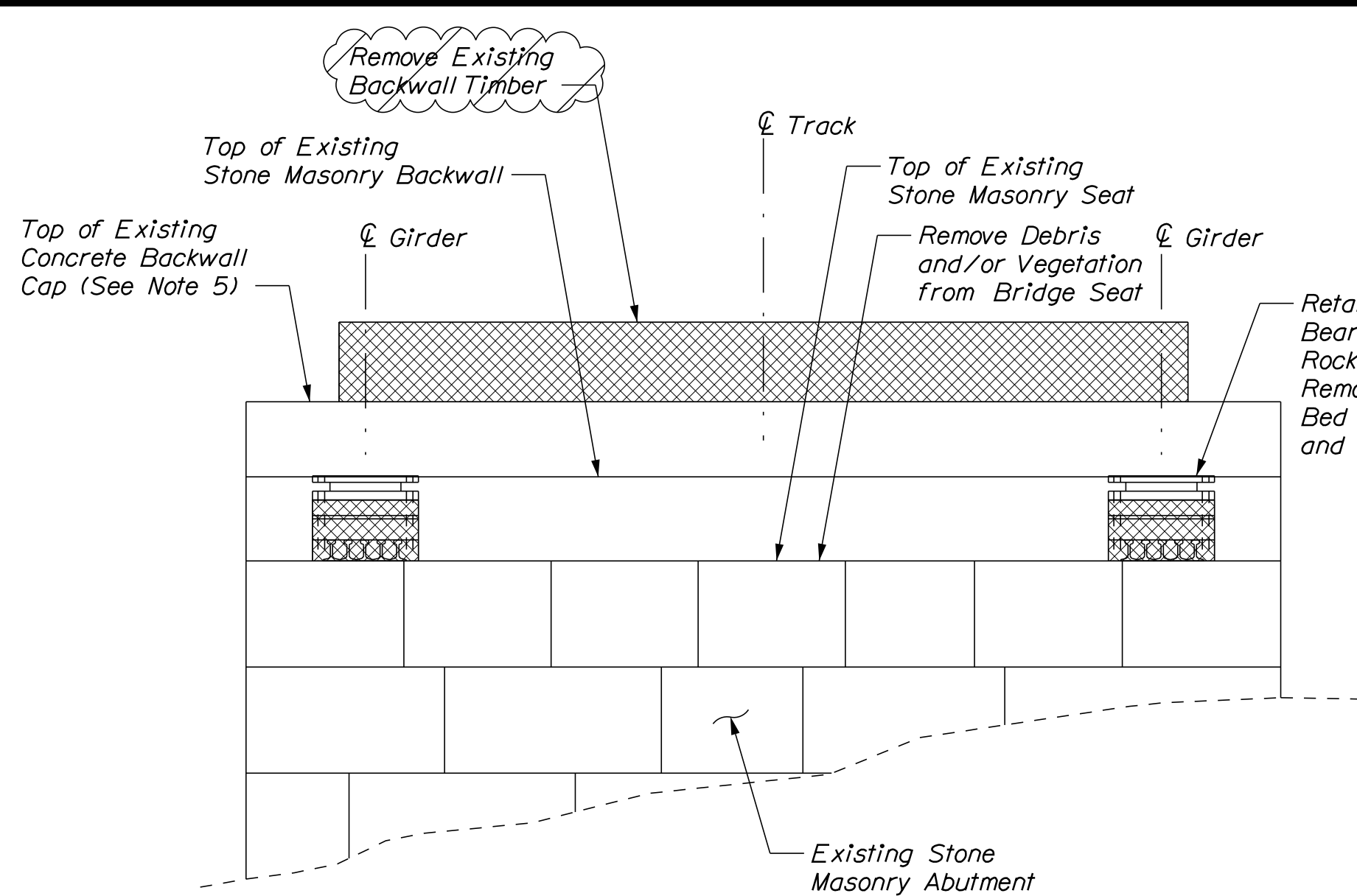


SUBSTRUCTURE WORK ITEMS			
Work ID	Description	Number of Locations	See Detail on Sheet
C1	Repoint Stone Masonry Abutment	1	5
C2	Remove Debris and/or Vegetation from Bridge Seat	2	N/A
C4	Remove and Replace Backwall Timber	2	4
C5	Remove and Replace Timber Retaining Wall (In-Kind)	1	N/A

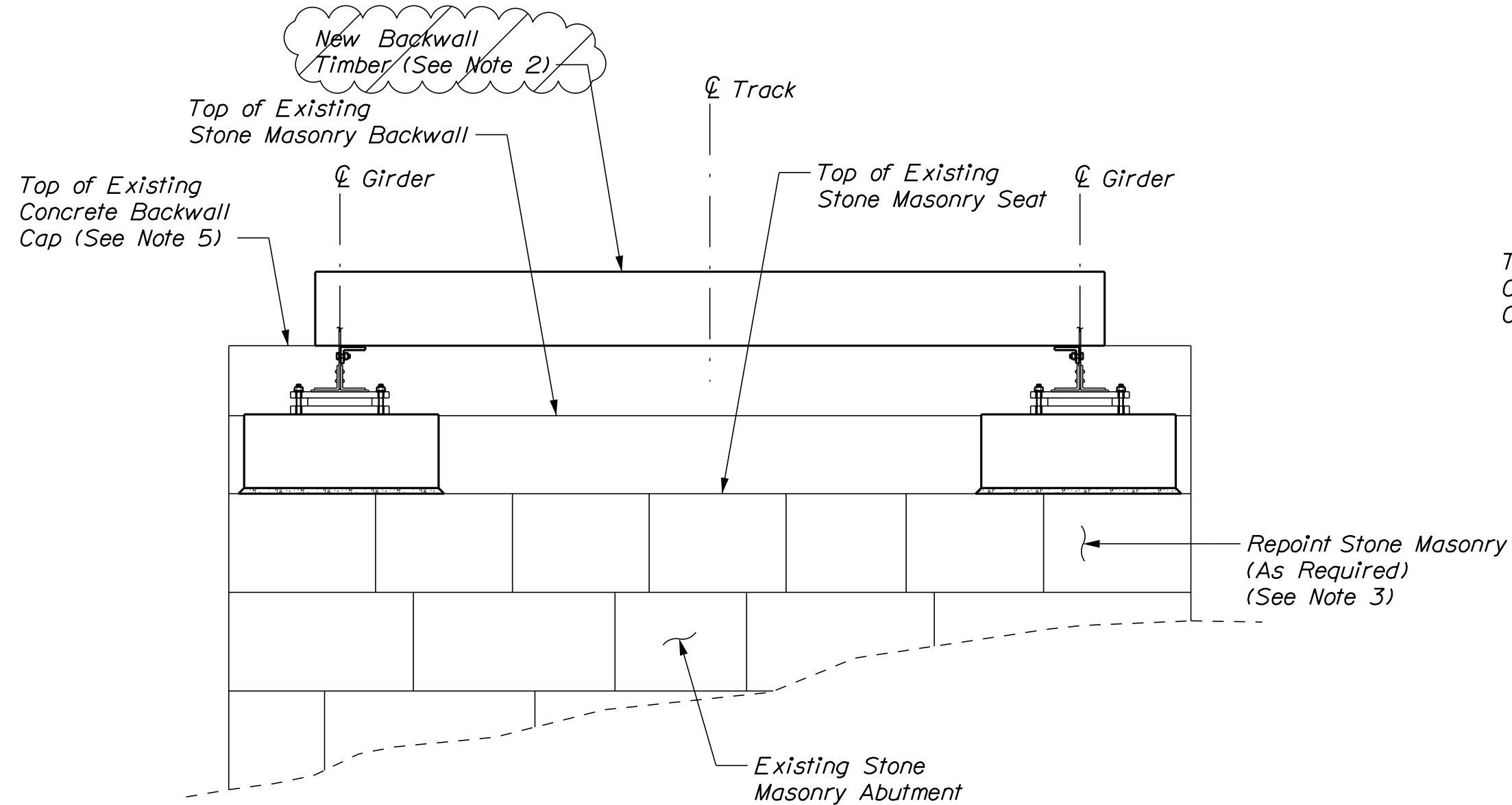
 Indicates work to be done by
the Railroad (Separate Contract)

NOTES

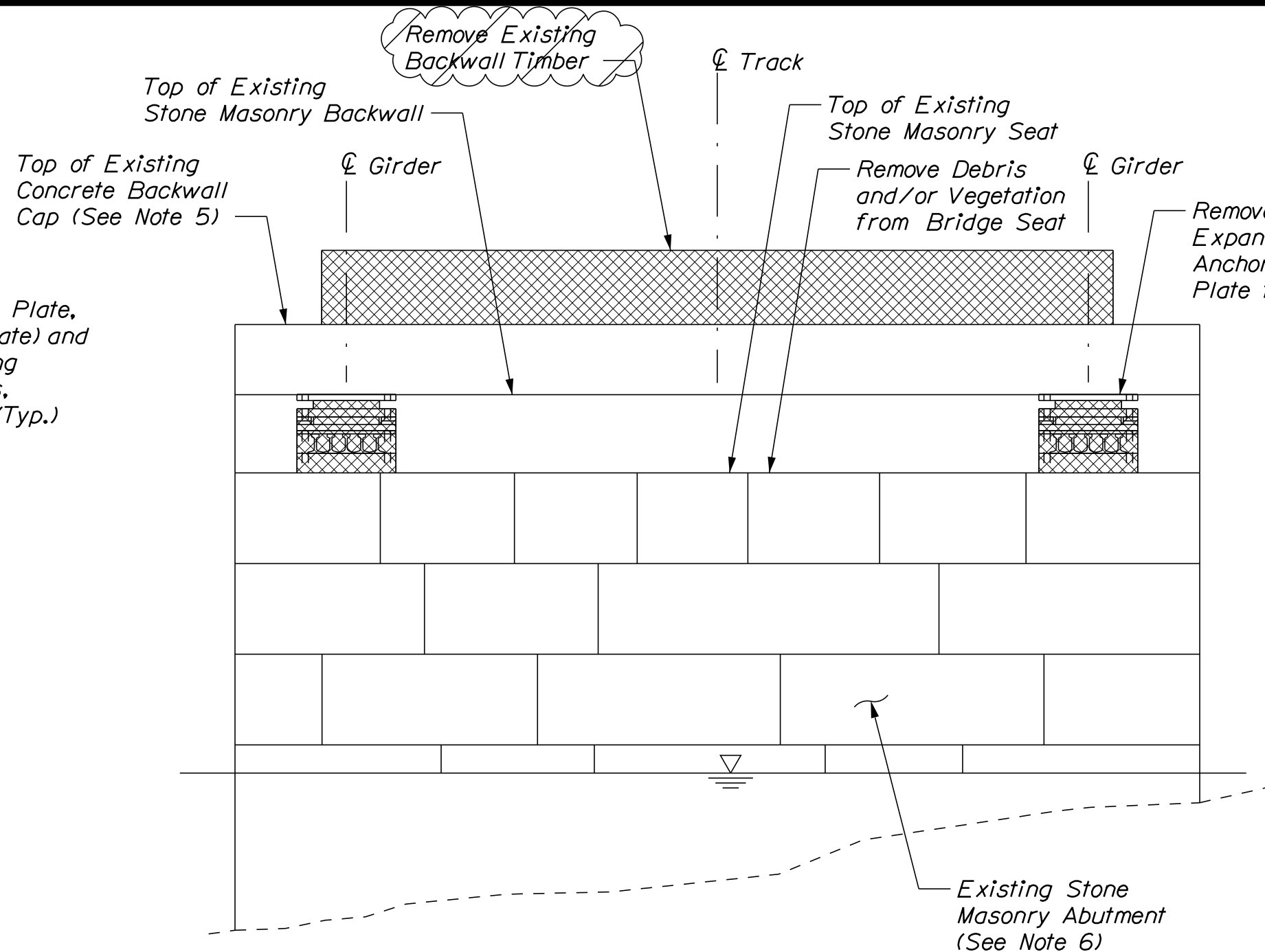
1. See General Notes Sheet for General Bridge Construction and Railroad Construction Notes.
2. Overhead power lines located from 50' to 100' south of the bridge in Squapan Yard. See Special Provision 104, Utilities.
3. For replacement of existing double sided web stiffeners, only replace side of stiffener which arrow is pointing to. Stiffener angles shall be replaced in-kind and existing filler plate may be reused.
4. Superstructure is identical to Bridge No. 7775 (M.P. 151.54). See cover plate, shelf angle, web stiffener, and web splice details, as well as existing superstructure plans, on Bridge No. 7775 (M.P. 151.54) sheets (2, 3, and 5 of 5) for strengthening details and additional information. Other rehabilitation details specific to Bridge No. 7782 (M.P. 185.84) are as noted and detailed with this bridge.
5. See Deck Details (4 of 7) Sheet for Bridge Tie Layout and Details.



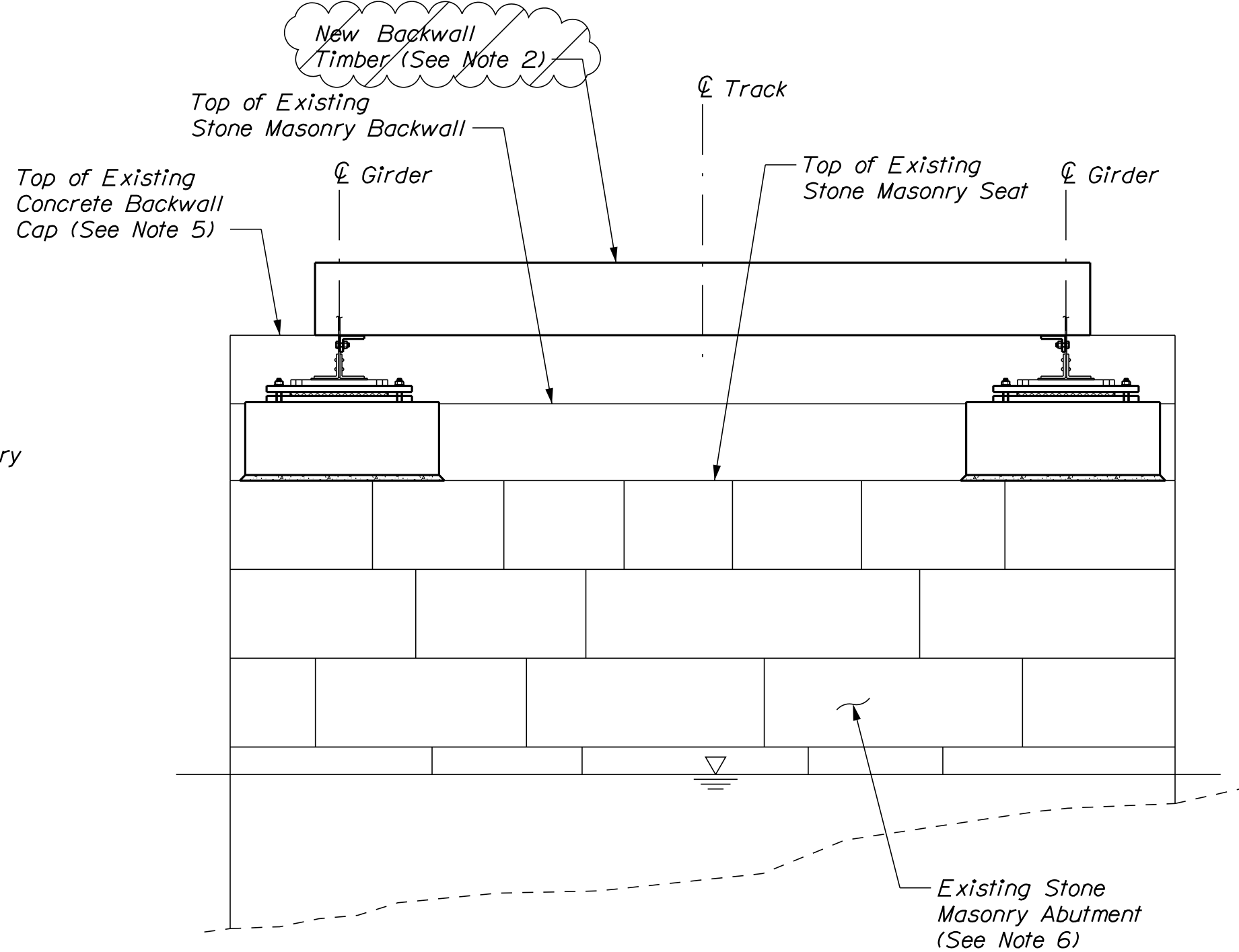
EXISTING SOUTH ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: $\frac{3}{8}" = 1'-0"$



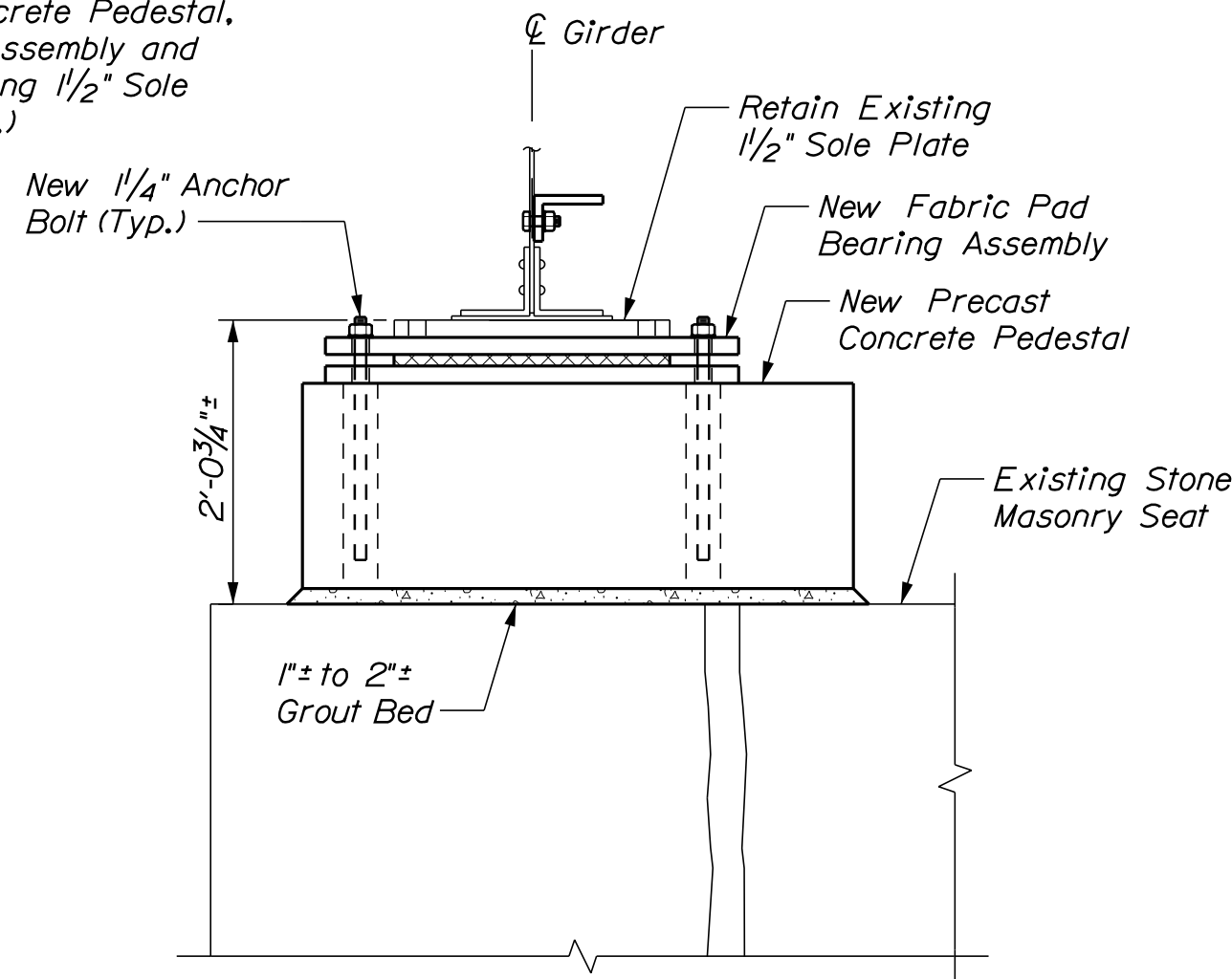
PROPOSED SOUTH ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: $\frac{3}{8}" = 1'-0"$



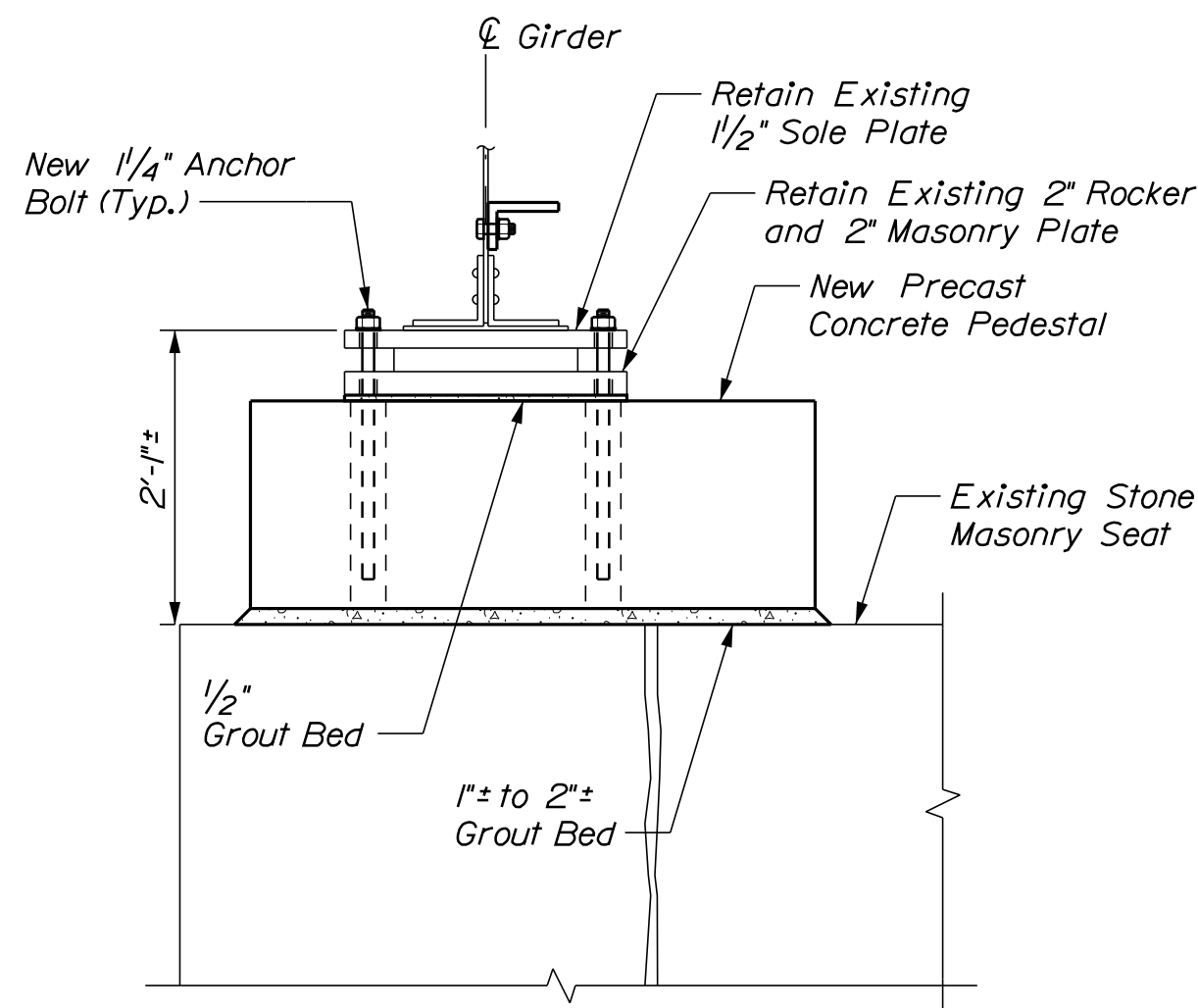
EXISTING NORTH ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: $\frac{3}{8}" = 1'-0"$



PROPOSED NORTH ABUTMENT ELEVATION
(Superstructure Not Shown for Clarity)
Scale: $\frac{3}{8}" = 1'-0"$



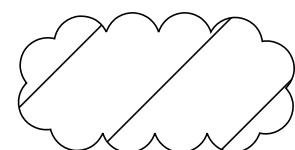
PROPOSED NORTHWEST BEARING AND PEDESTAL DETAIL
(Northeast Bearing Similar, but Opposite Hand)
(See Note 4)
Not to Scale



PROPOSED SOUTHEAST BEARING AND PEDESTAL DETAIL
(Southwest Bearing Similar, but Opposite Hand)
(See Note 4)
Not to Scale

NOTES

1. See General Notes Sheet for General Bridge Construction and Railroad Construction Notes.
2. See Typical Repair Details Sheet (1 of 4) for Backwall Timber Replacement Details.
3. See Typical Repair Details Sheet (3 of 4) for Masonry Repointing Details.
4. See Bearing and Pedestal Details Sheets for Proposed Bearing and Pedestal Details and Notes.
5. Partial removal of the existing backwall may be required to accommodate the new bearings and pedestals. Extent of removal shall be limited as much as possible. All costs for removal of the existing backwall shall be incidental to Contract Items.
6. Extensive rehabilitation work to be done on North Abutment as part of a future contract.



Indicates work to be done by the Railroad (Separate Contract)

LEGEND



Limits of Existing Bridge Removal



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

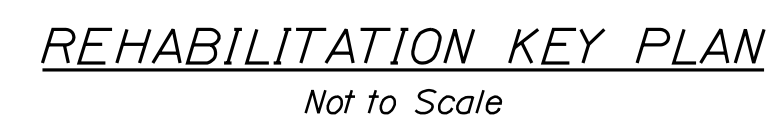
BRIDGE NO. 7782
WIN 23486.00
BRIDGE PLANS

MAINE RAILROAD BRIDGE
CAPACITY PROJECT - CONTRACT 2
MADAWASKA SUB. AROOSTOOK/PENOBSCOT
BR. NO. 7782 (M.P. 185.84)
OVER SQUAPAN STREAM (2 OF 2)

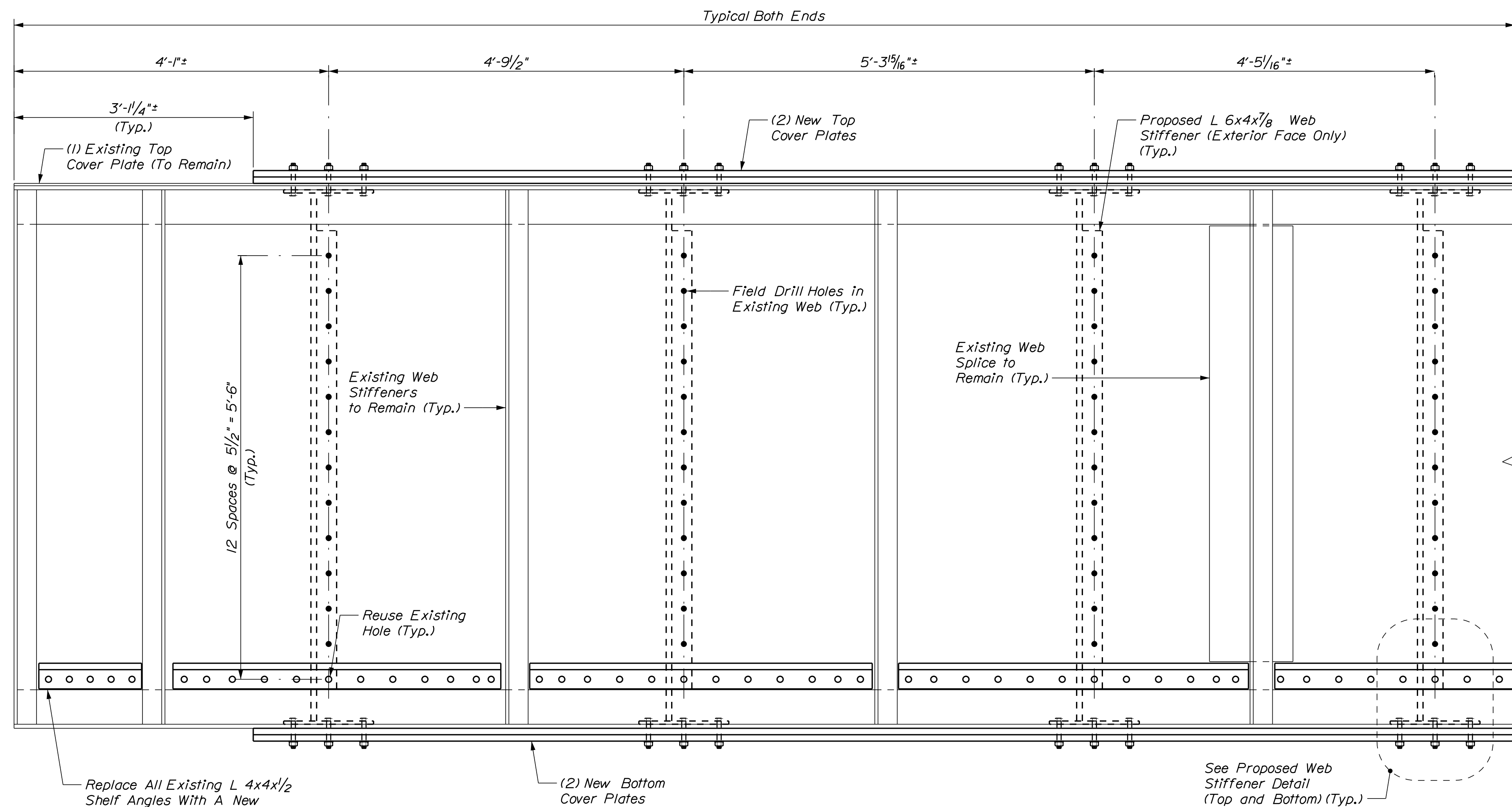
SHEET NUMBER

70

OF 74



1. See General Notes Sheet for General Bridge Construction and Railroad Construction Notes.
2. The gusset plate and both angles of the first knee brace on the south end of the east girder shall be replaced in-kind. All labor and equipment required to replace the knee brace in-kind shall be paid under Item 504.71 Structural Steel Erection. All material required to replace the knee brace in-kind shall be paid under Item 504.70, Structural Steel Fabricated and Delivered.
3. See Deck Details (7 of 7) sheet for Timber Bridge Tie Layout and Details.



NOTE

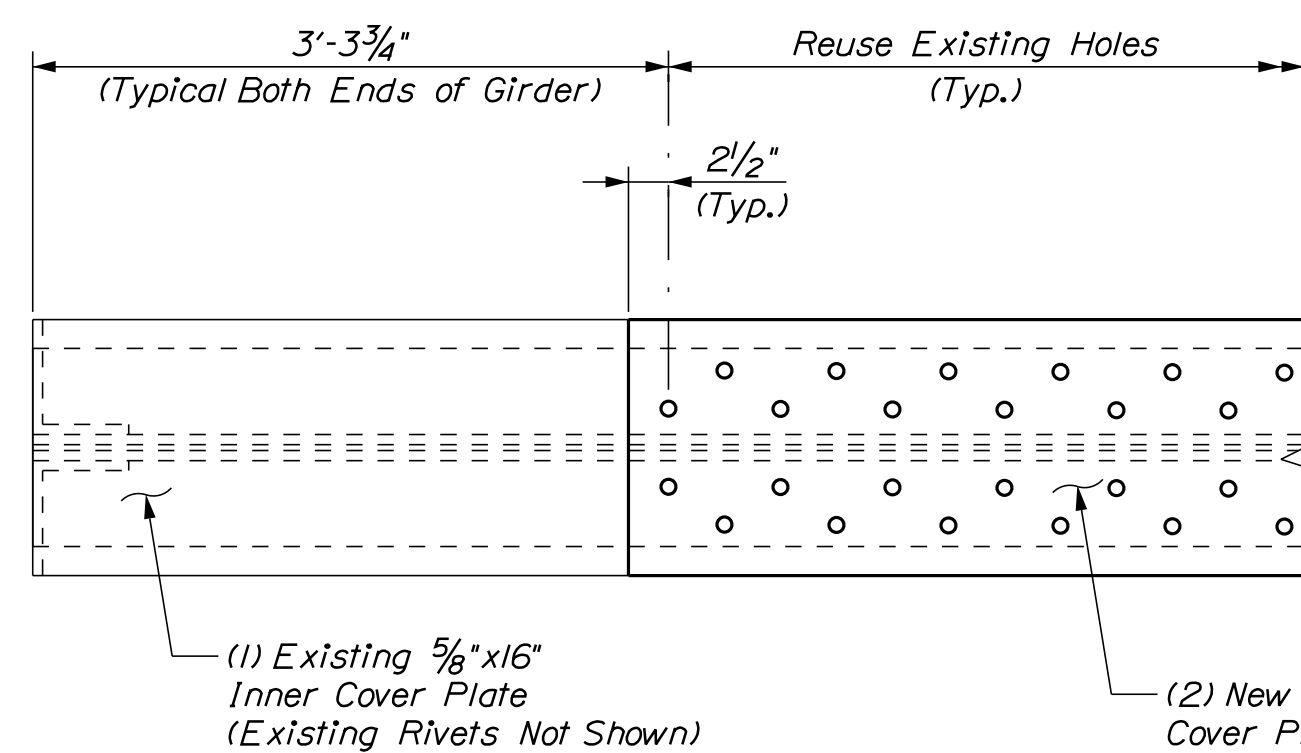
1. See General Notes Sheet for General Bridge Construction and Railroad Construction Notes.

LEGEND:

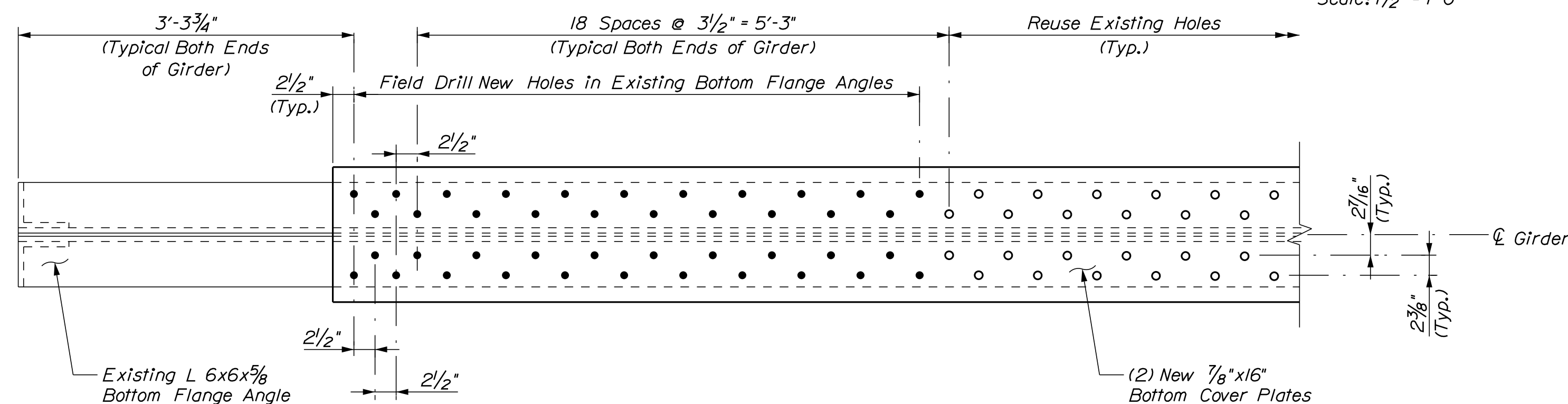
- *Field Drilled Hole*
- *Reuse Existing Hole*

Dimensions in these plans shall not be used for fabrication purposes. All necessary dimensions and configurations shall be determined from actual field measurements by the Contractor. See Sheet 4 of 4 for Existing Plans.

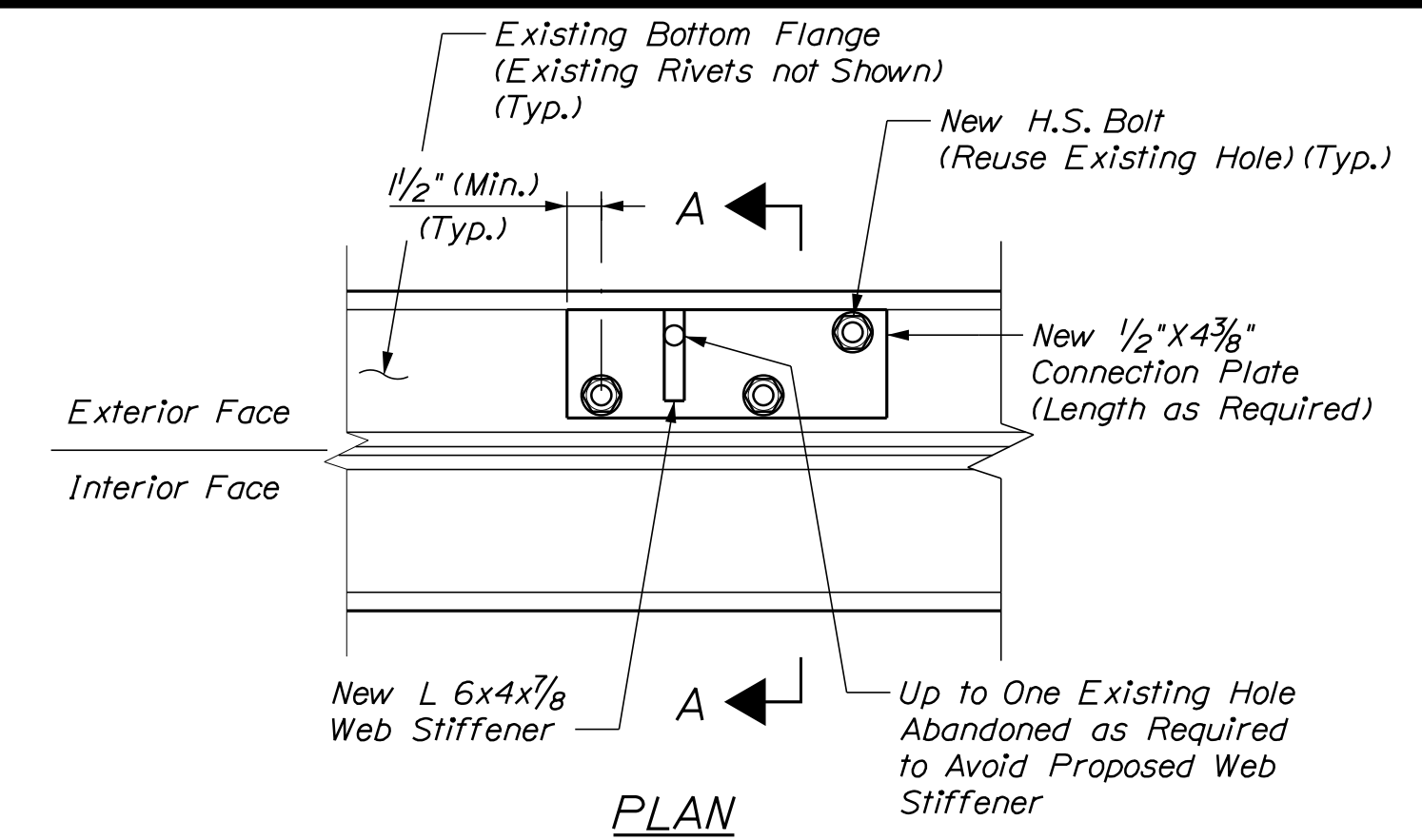
PROPOSED GIRDER PARTIAL ELEVATION
(All Details and Dimensions Typical Both Ends of Girder)
Scale: 1" = 1'-0"



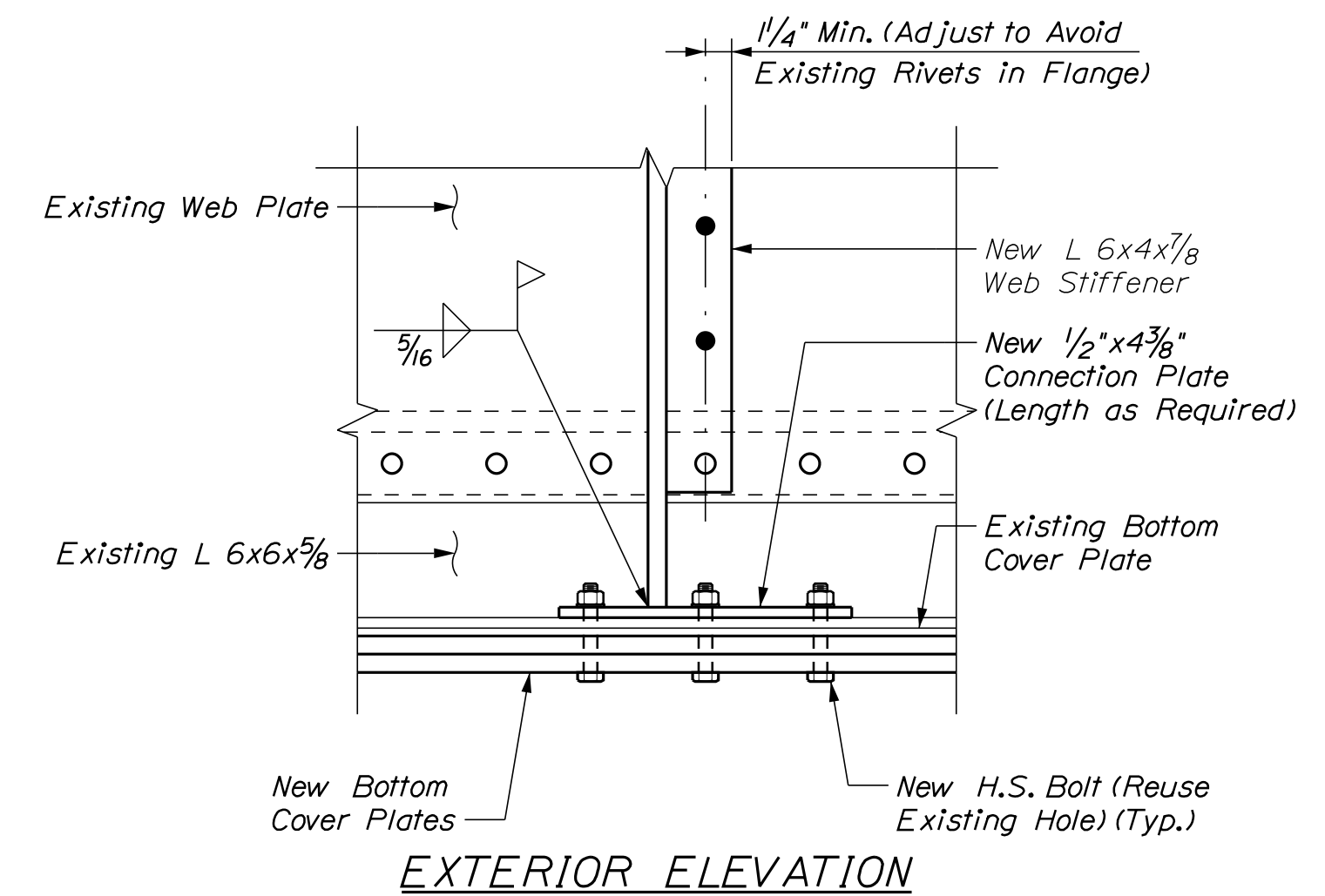
PROPOSED TOP FLANGE COVER PLATE DETAIL
Scale: 1" = 1'-0"



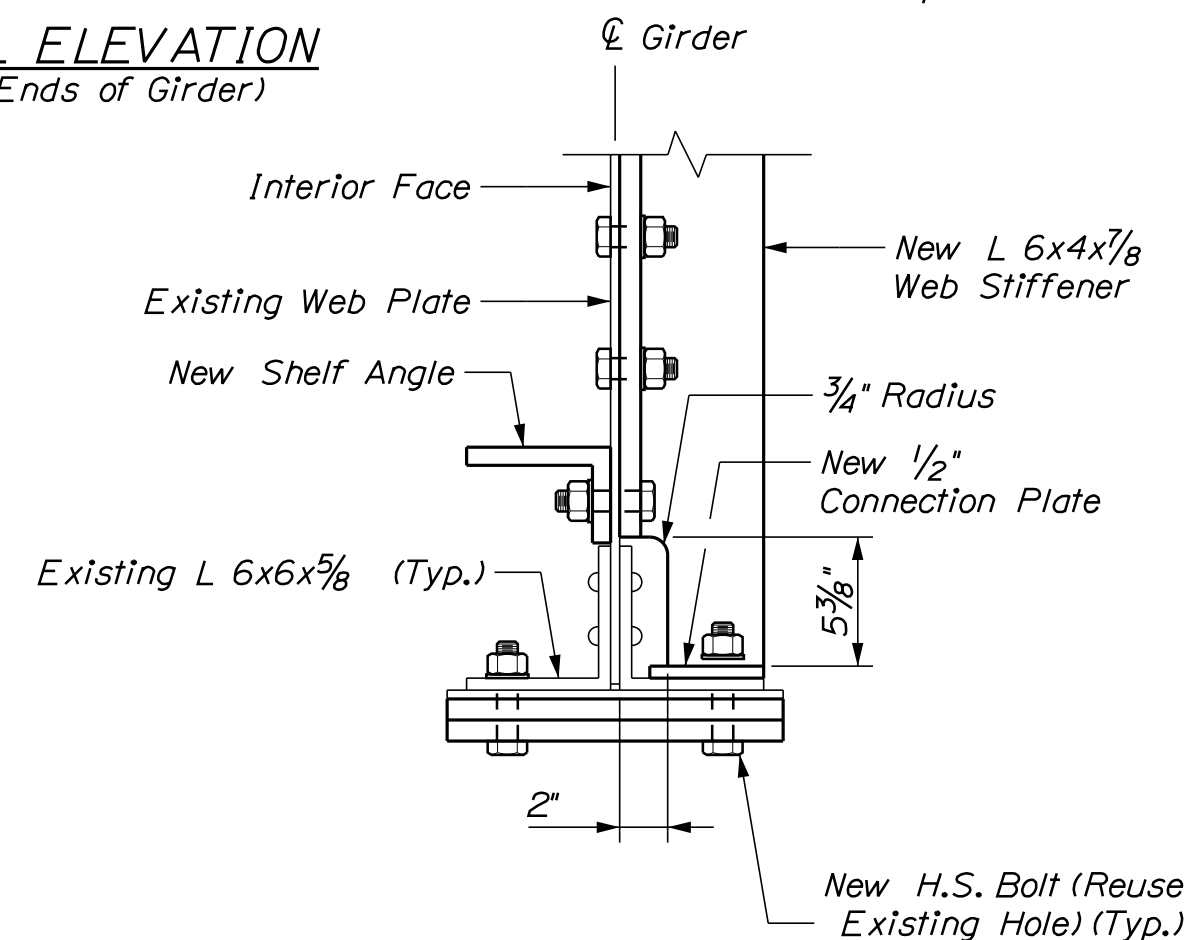
PROPOSED BOTTOM COVER PLATE DETAIL
(Lateral Bracing Not Shown For Clarity)
Scale: 1" = 1'-0"



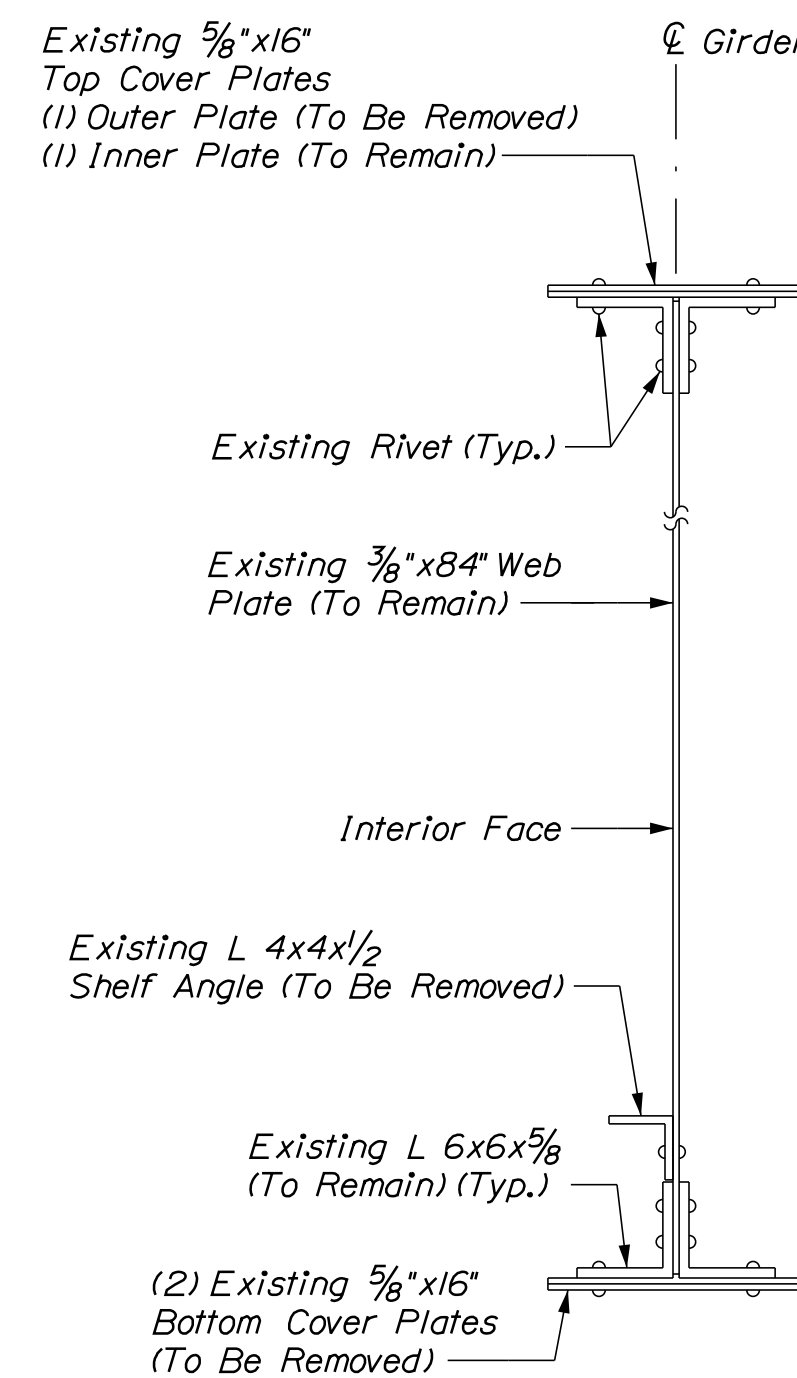
PLAN



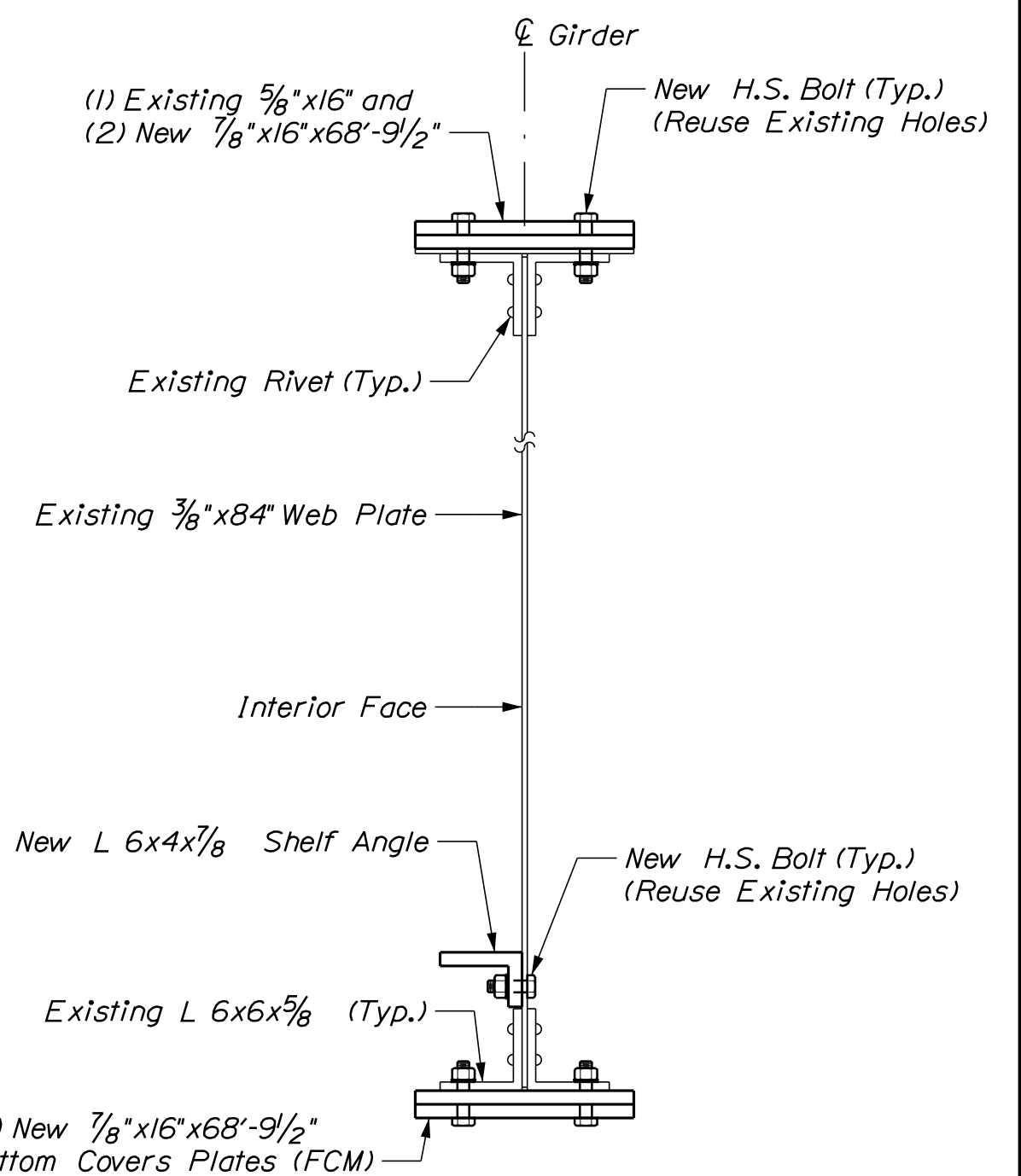
PROPOSED WEB STIFFENER DETAIL
(Bottom Flange Shown, Top Flange Similar)
Scale: 1/2" = 1'-0"



SECTION A-A
Scale: 1 1/2" = 1'-0"

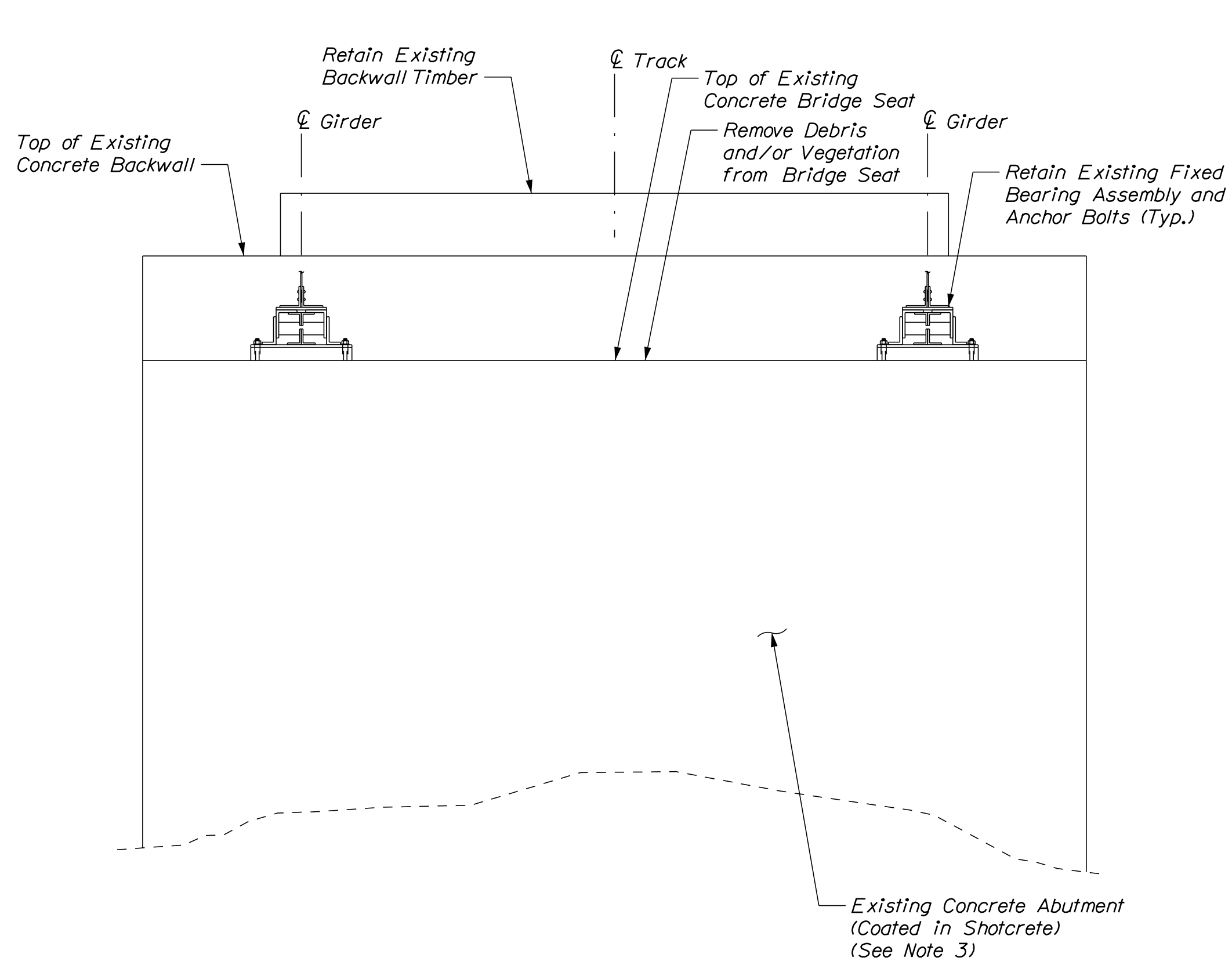


EXISTING GIRDER
SECTION AT MIDSPAN
Scale: 1" = 1'-0"

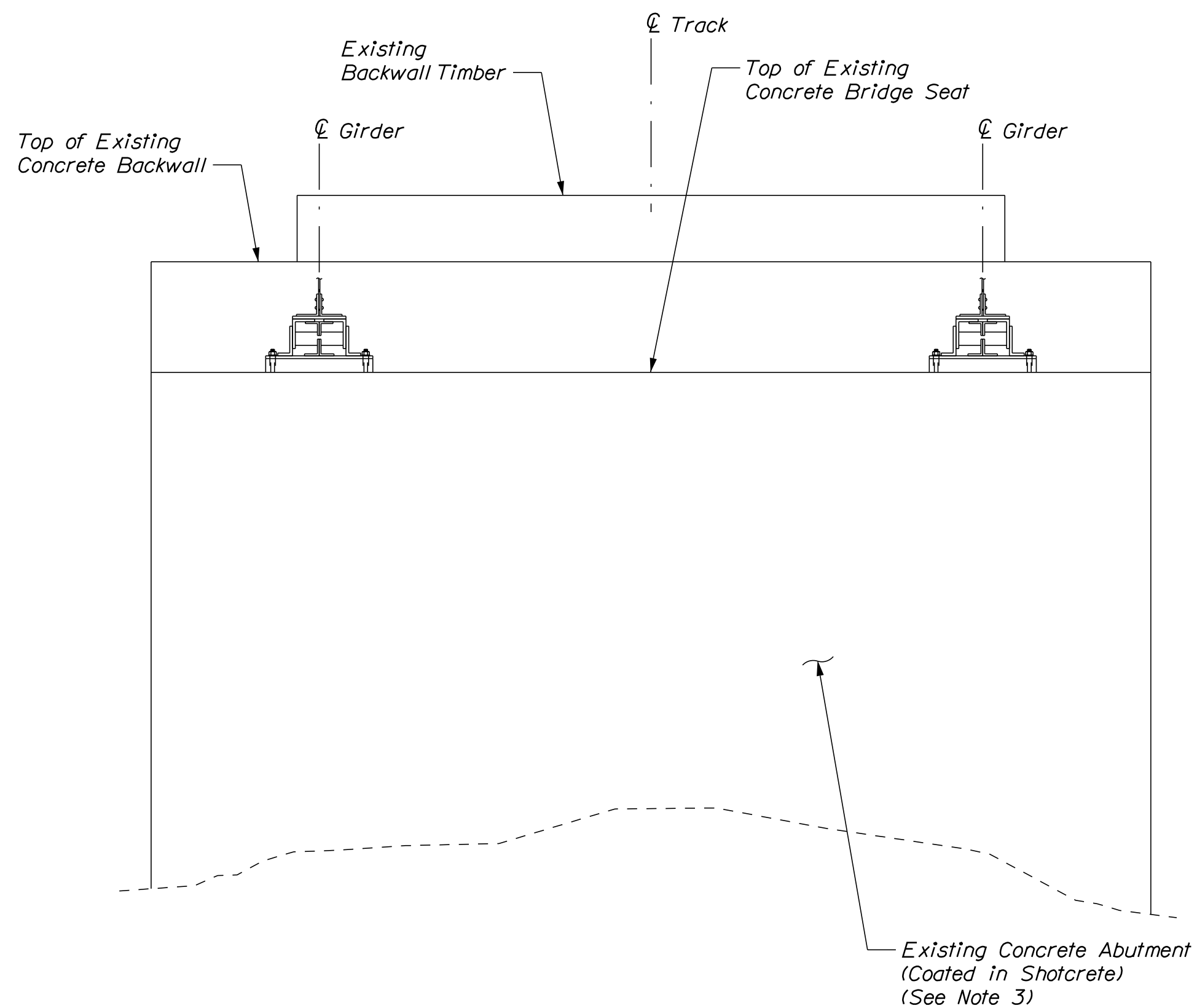


PROPOSED GIRDER SECTION
AT MIDSPAN
Scale: 1" = 1'-0"

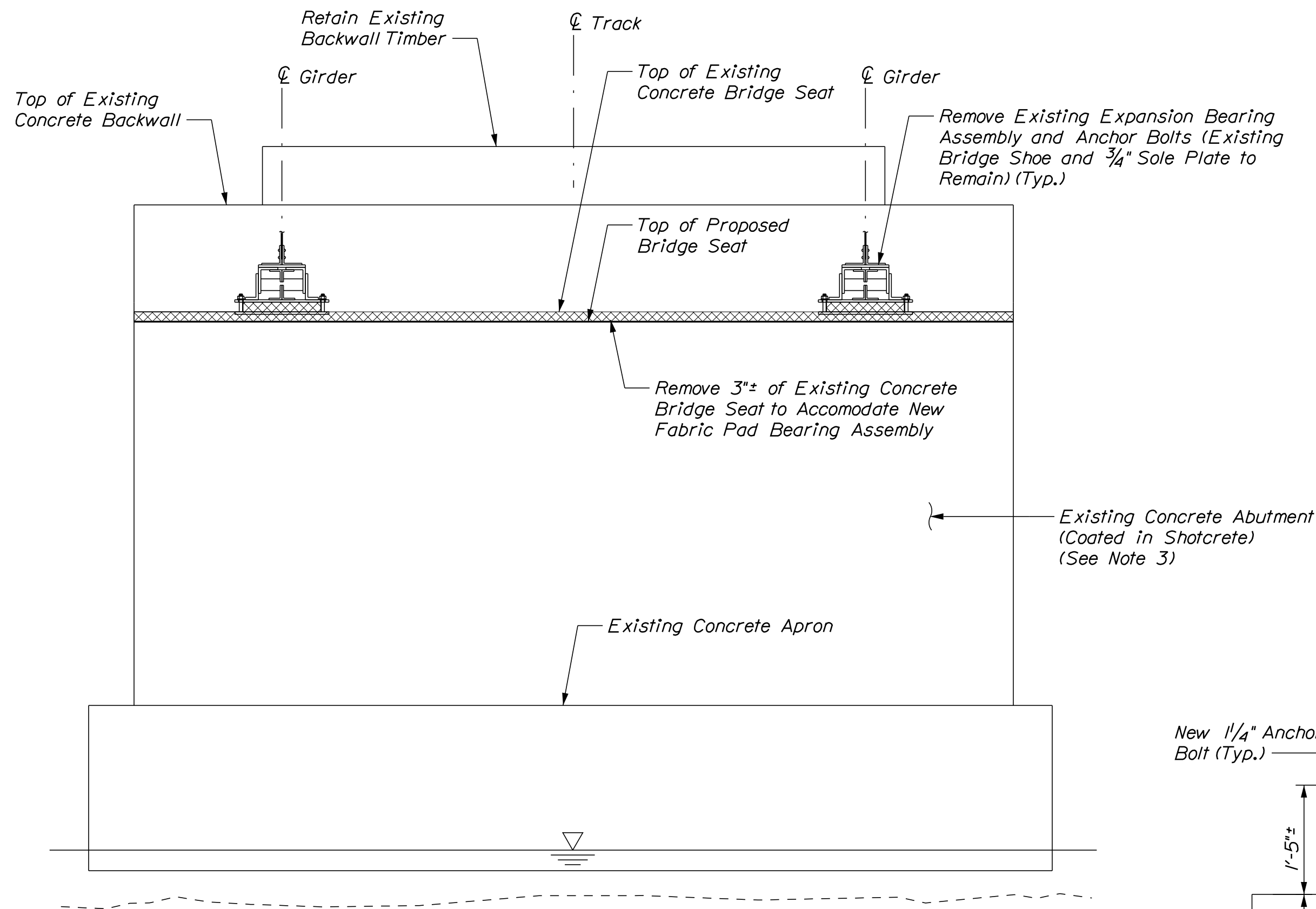
PROJ. MANAGER	DATE	BY	MAT. BENEF.
DESIGN-DETAILED	11/2/08	BJM	
CHECKED-REVIEWED	11/2/08	GSG	
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



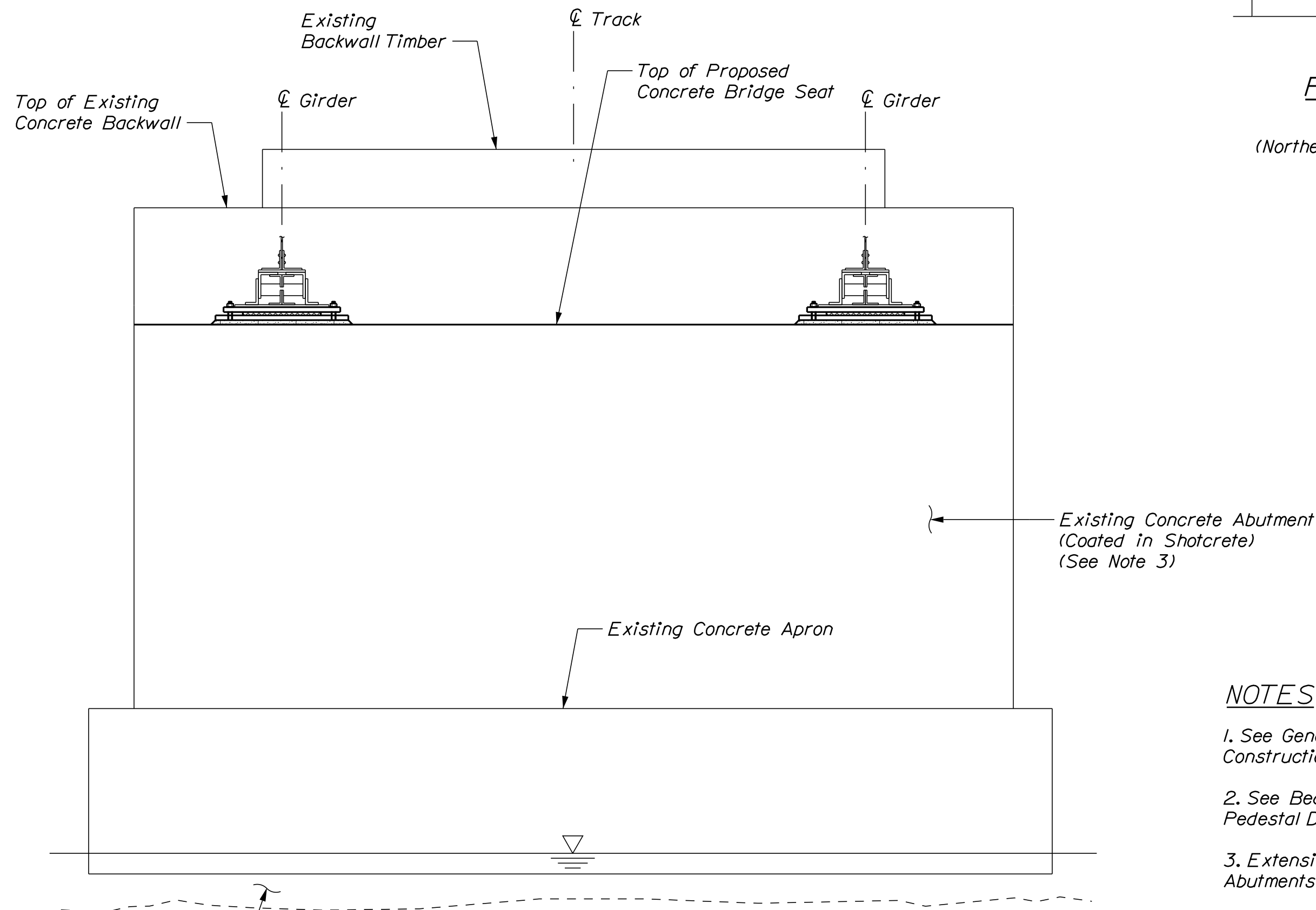
EXISTING SOUTH ABUTMENT ELEVATION
(Superstructure not Shown for Clarity)
Scale: 3/8" = 1'-0"



PROPOSED SOUTH ABUTMENT ELEVATION
(Superstructure not Shown for Clarity)
Scale: 3/8" = 1'-0"

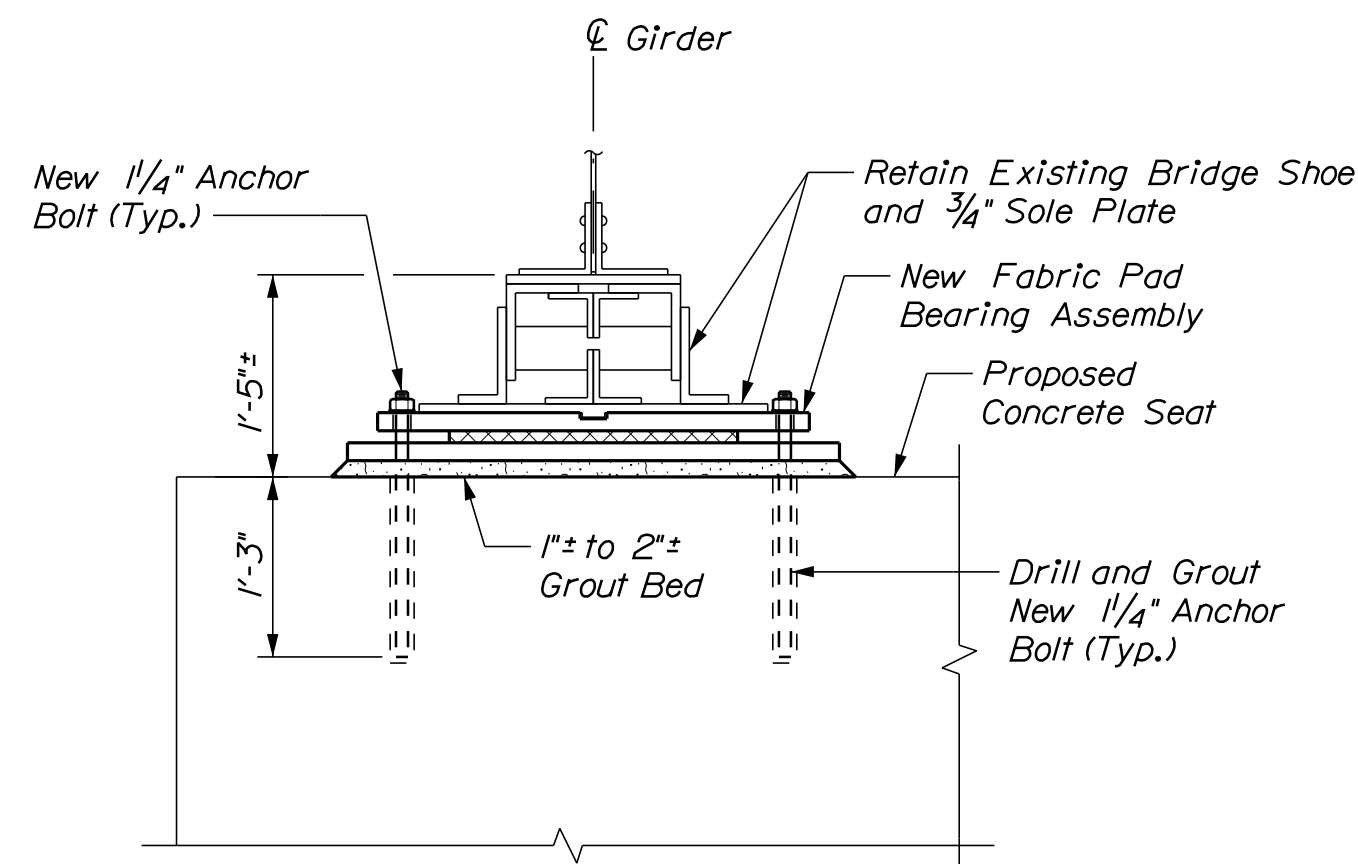


EXISTING NORTH ABUTMENT ELEVATION
(Superstructure not Shown for Clarity)
Scale: 3/8" = 1'-0"



Undermined Portion of Concrete Apron to be Repaired as Part of A Future Contract

PROPOSED NORTH ABUTMENT ELEVATION
(Superstructure not Shown for Clarity)
Scale: 3/8" = 1'-0"



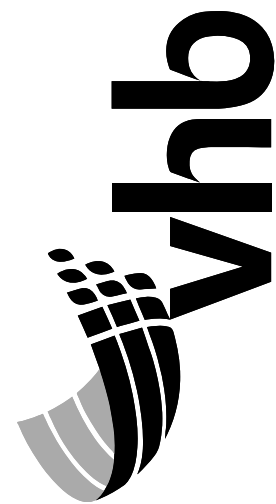
PROPOSED NORTHWEST BEARING DETAIL
(Northeast Bearing Similar, but Opposite Hand)
(See Note 2)
Not to Scale

NOTES

1. See General Notes Sheet for General Bridge Construction and Railroad Construction Notes.
2. See Bearing and Pedestal Details Sheets for Proposed Bearing and Pedestal Details and Notes.
3. Extensive rehabilitation work to be done to the North and South Abutments as part of a future contract.

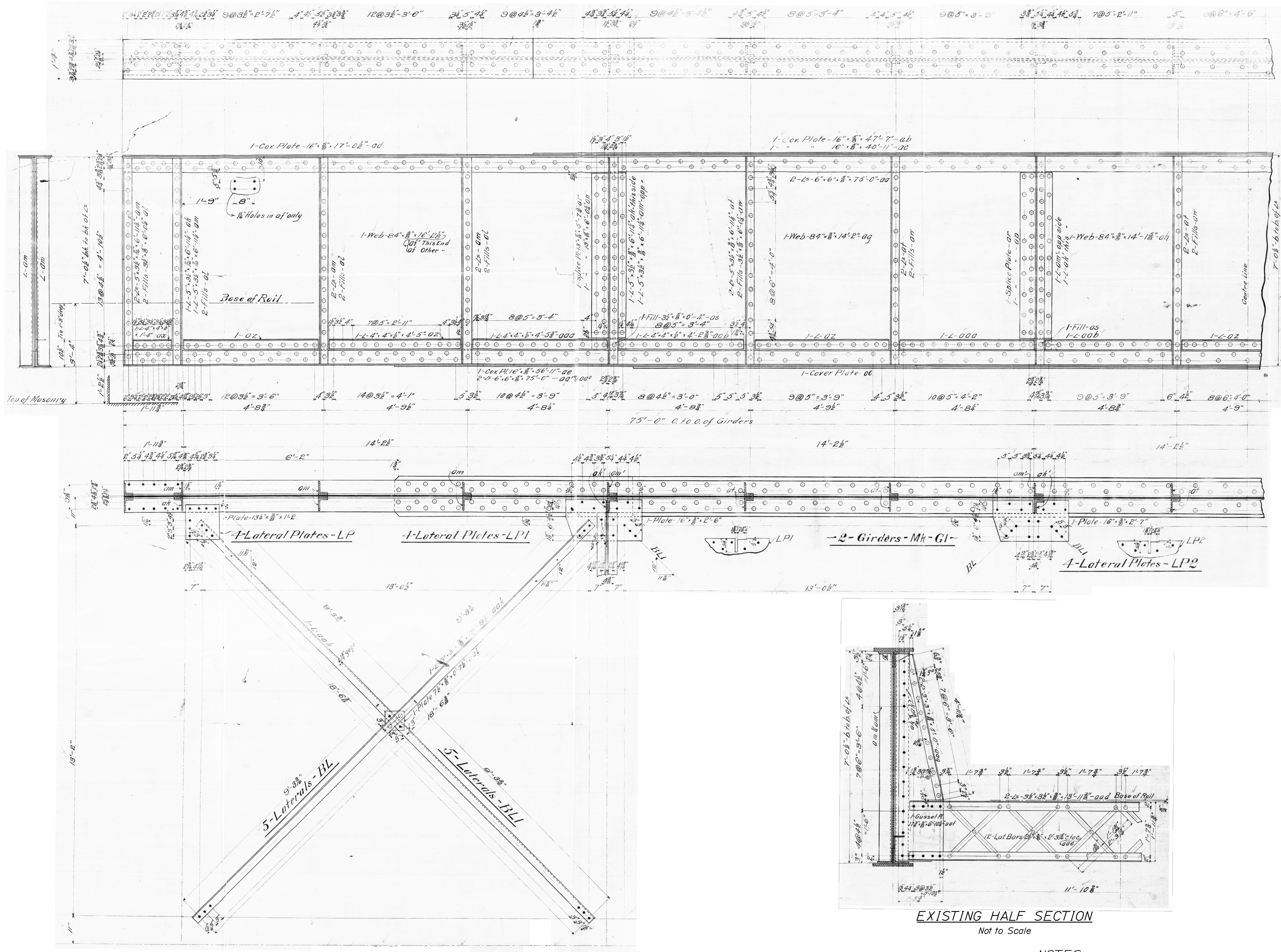
LEGEND

 Limits of Existing Bridge Removal



PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED	11/2018	BJM	11/2018
CHECKED-REVIEWED	11/2018	GSC	11/2018
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

MAINE RAILROAD BRIDGE
CAPACITY PROJECT - CONTRACT 2
MADAWASKA SUB. AROOSTOOK/PENOBSCOT
BR. NO. 7787 (M.P. 236.44) OVER
WALLAGRASS STREAM (3 OF 4)



EXISTING GIRDER HALF ELEVATION
Not to Scale

EXISTING HALF SECTION
Not to Scale

NOTES

1. See General Notes Sheet for General Bridge Construction and Railroad Construction Notes.

SHEET PROVIDED FOR INFORMATION ONLY



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

BRIDGE NO. 7787
WIN
23486.00
BRIDGE PLANS

MAINE RAILROAD BRIDGE
CAPACITY PROJECT - CONTRACT 2
MADAWASKA SUB. AROOSTOOK/PENOBSCOT
BR. NO. 7787 (M.P. 236.44) OVER
WALLAGRASS STREAM (4 OF 4)

SHEET NUMBER

74

OF 74