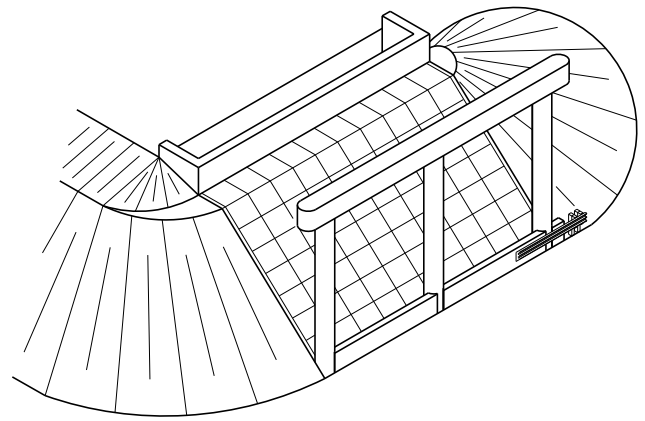
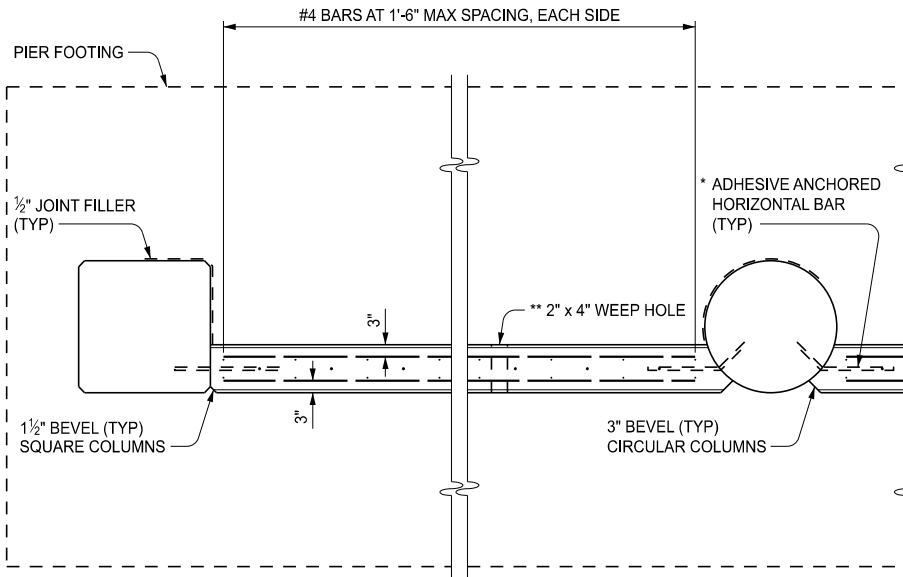


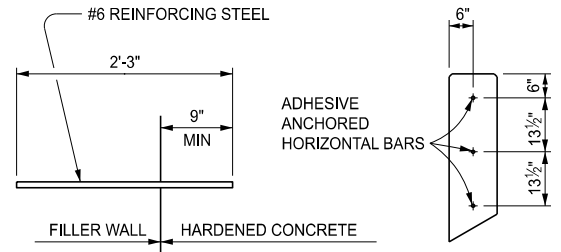
SKETCH OF FILLER WALLS AT SQUARE PIER COLUMNS



SKETCH OF FILLER WALLS AT CIRCULAR PIER COLUMNS



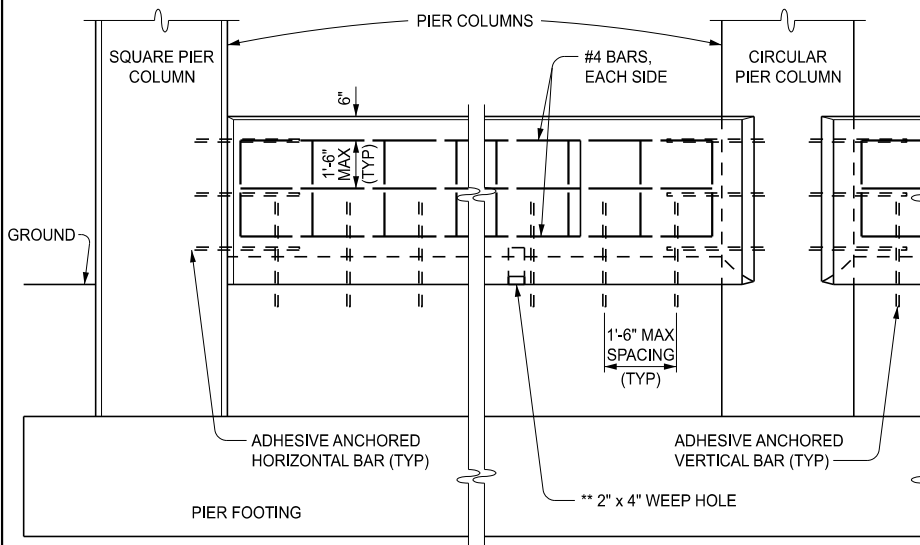
PLAN



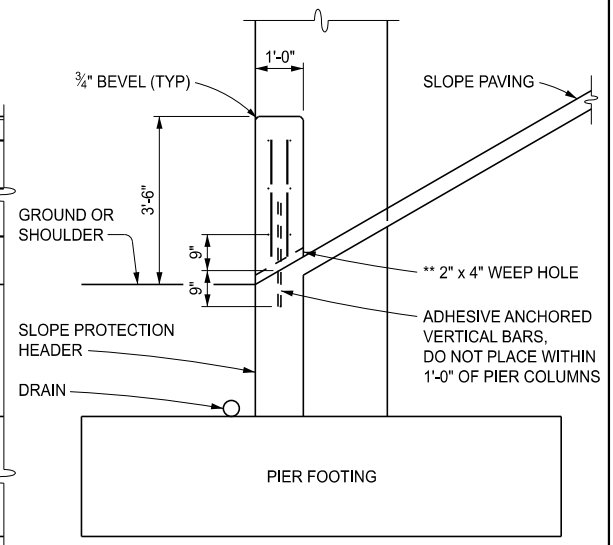
ADHESIVE ANCHORED HORIZONTAL OR VERTICAL BAR INSTALLATION DETAIL (UNLESS OTHERWISE DETAILED)

* REINFORCING STEEL SHALL BE TESTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR CONSTRUCTION PRIOR TO BENDING. THE REINFORCING STEEL SHALL THEN BE FIELD BENT RADIALLY TO CIRCULAR PIERS AND PARALLEL TO THE FILLER WALL. FIELD BENDING SHALL BE ACCORDING TO THE STANDARD SPECIFICATIONS FOR CONSTRUCTION. ANY DAMAGE TO THE EPOXY COATING DURING TESTING OR BENDING SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

** PLACE ONE 2" x 4" WEEP HOLE IN EACH FILLER WALL SECTION. (MAY BE RANDOMLY LOCATED)



ELEVATION



END

FILLER WALLS USING SLOPE PROTECTION HEADER AS FOOTING

APPROVED BY: _____
DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: _____
DIRECTOR, BUREAU OF DEVELOPMENT



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

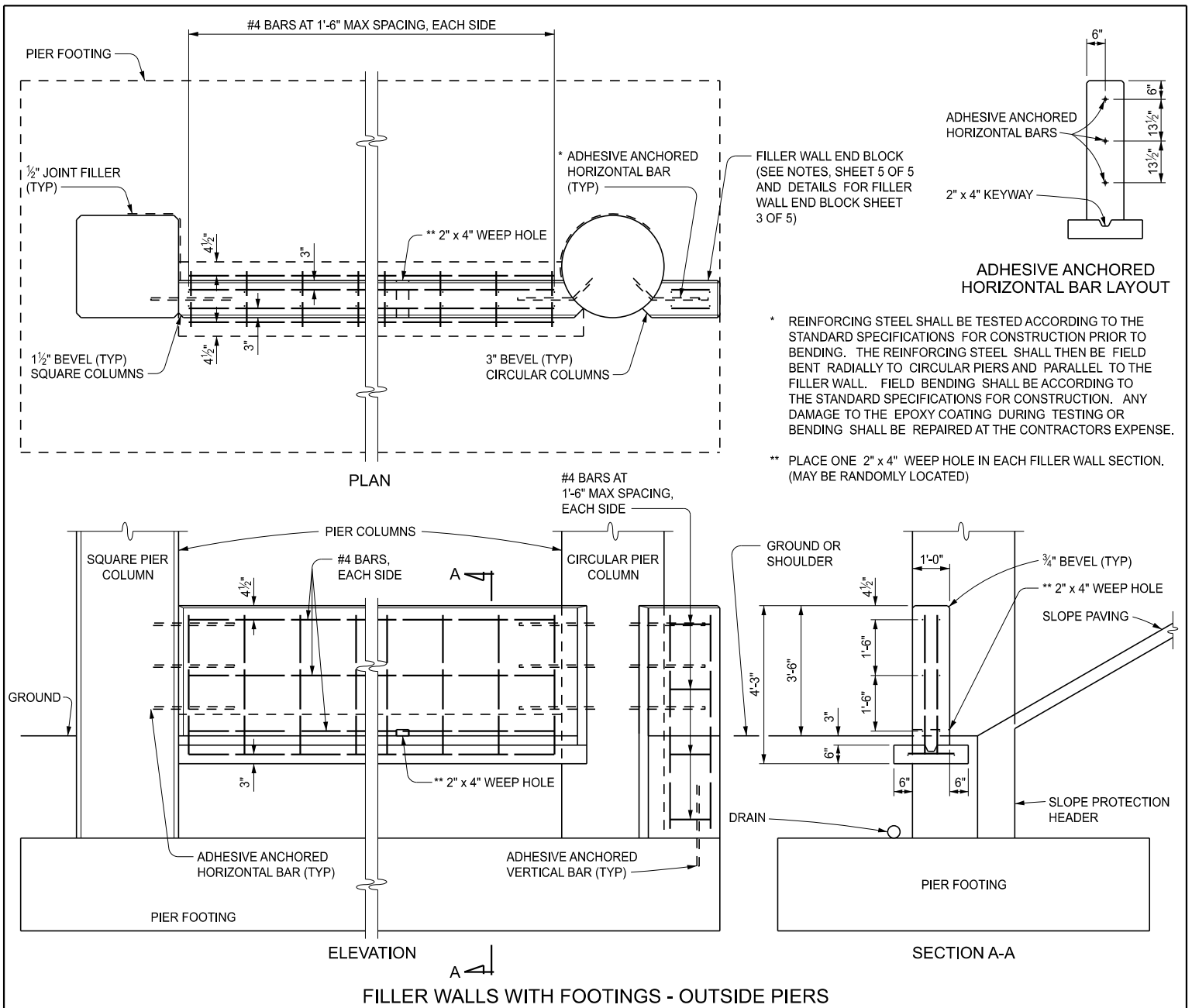
STANDARD PLAN FOR
FILLER WALLS AT
BRIDGE PIER COLUMNS

(SPECIAL DETAIL)
FHWA APPROVAL

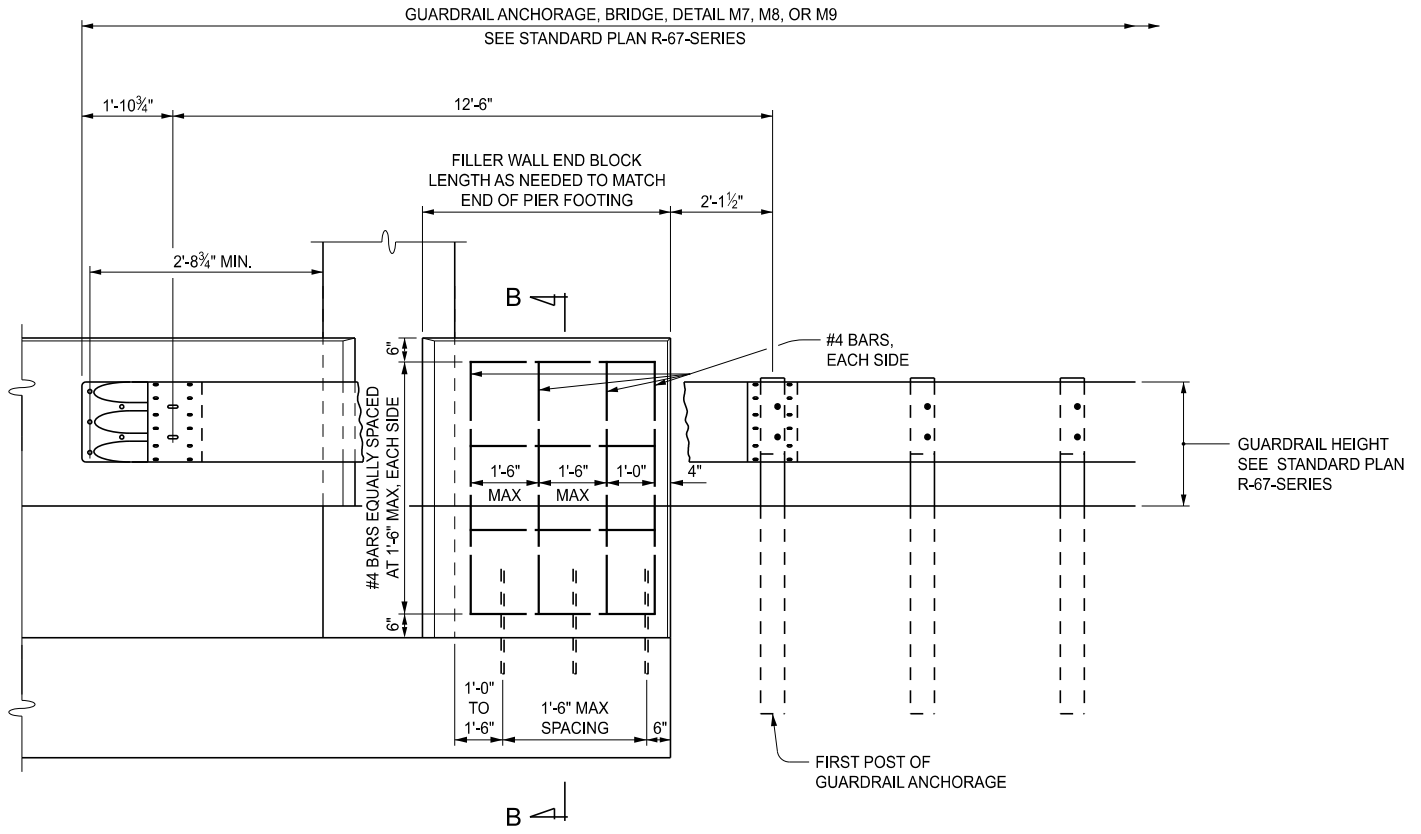
03/13/2024
PLAN DATE

R-55-H

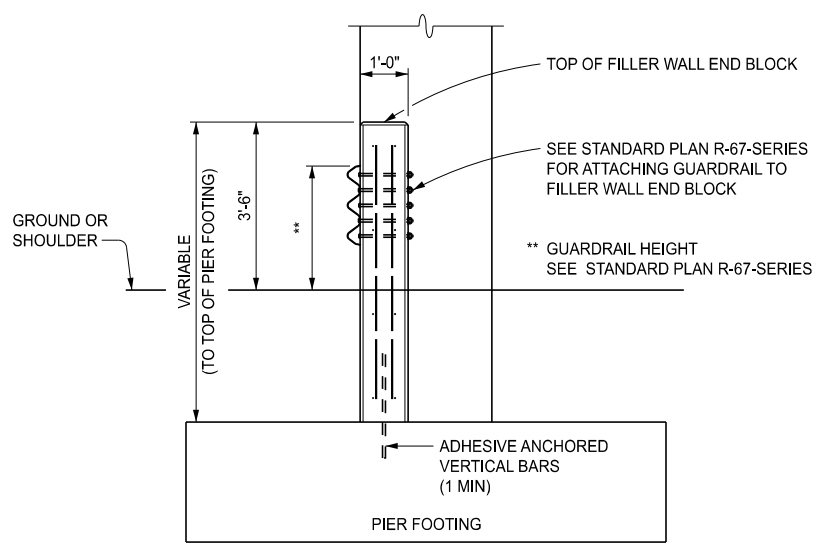
SHEET
1 OF 5



FILLER WALLS WITH FOOTINGS - OUTSIDE PIERS



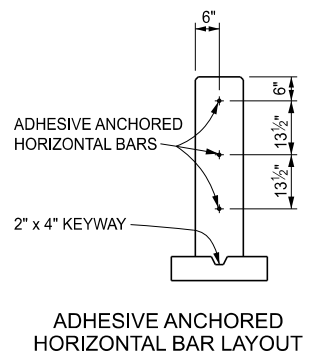
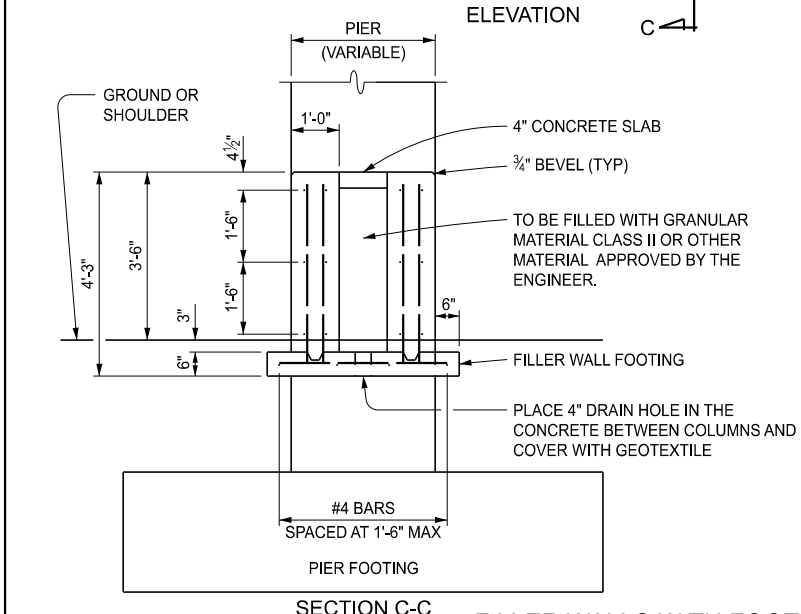
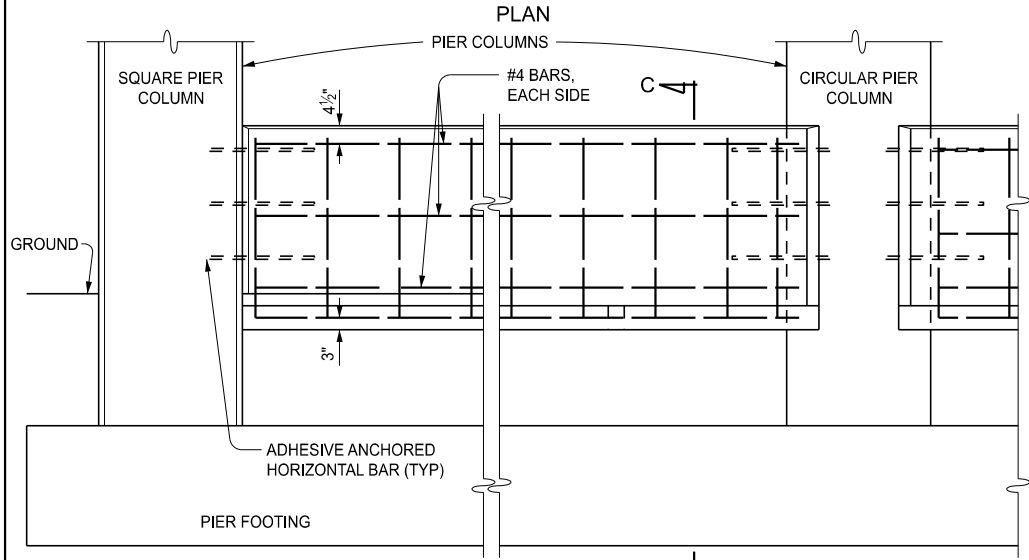
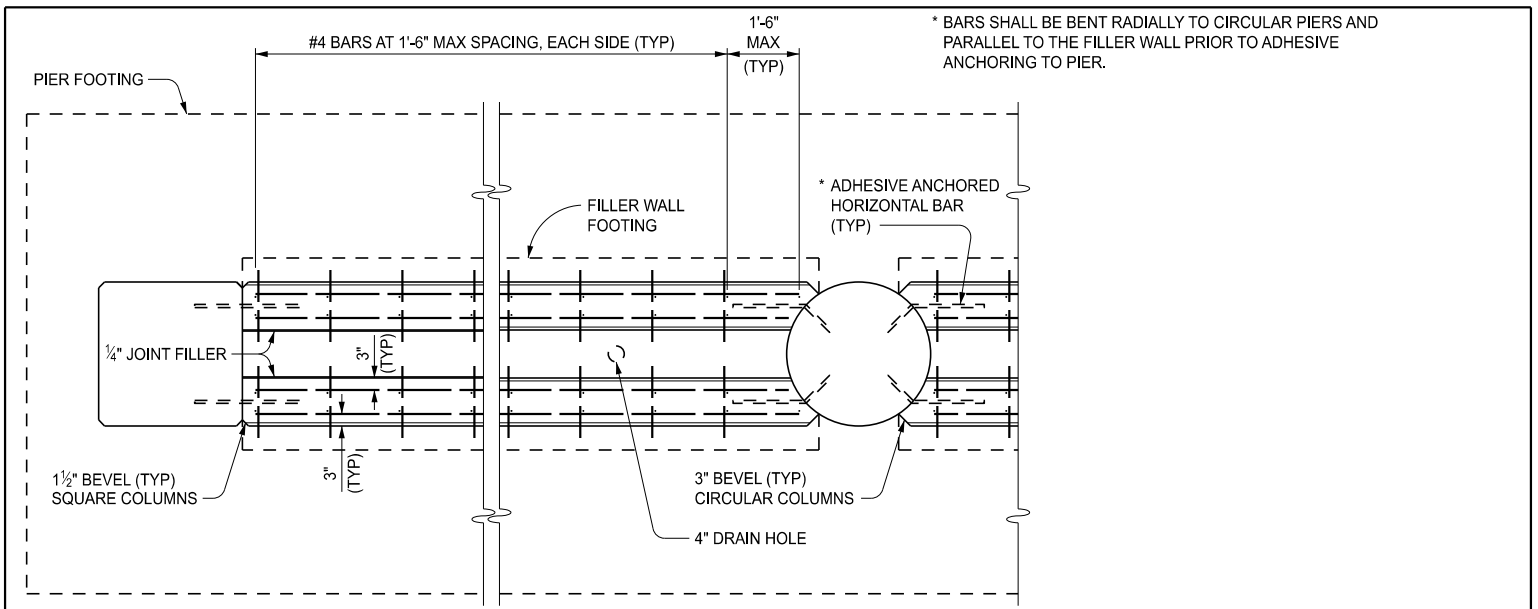
ELEVATION



SECTION B-B

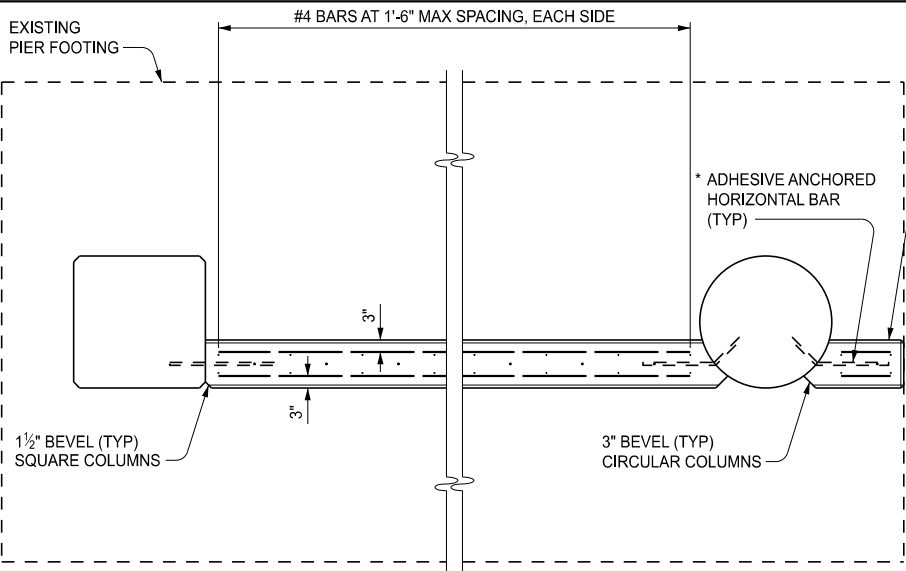
DETAILS FOR FILLER WALL END BLOCK
 (SEE STANDARD PLAN R-67-SERIES FOR GUARDRAIL ATTACHMENT DETAILS)

 DEPARTMENT DIRECTOR BRADLEY C. WIEFERICH, PE	STANDARD PLAN FOR FILLER WALLS AT BRIDGE PIER COLUMNS		R-55-H	SHEET 3 OF 5
	(SPECIAL DETAIL) FHWA APPROVAL	03/13/2024 PLAN DATE		



FILLER WALLS WITH FOOTINGS - MEDIAN PIERS

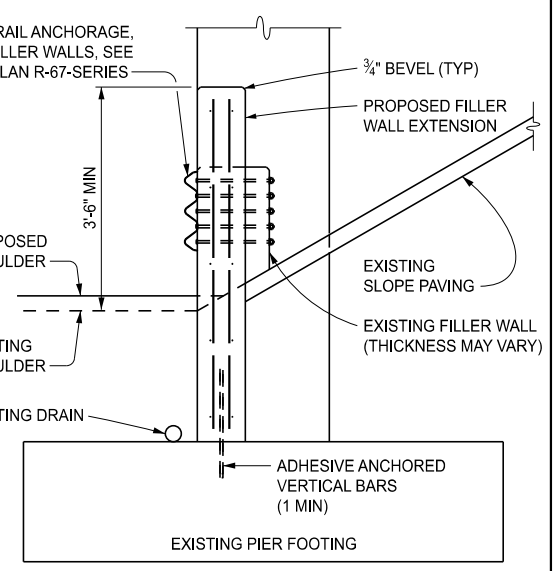
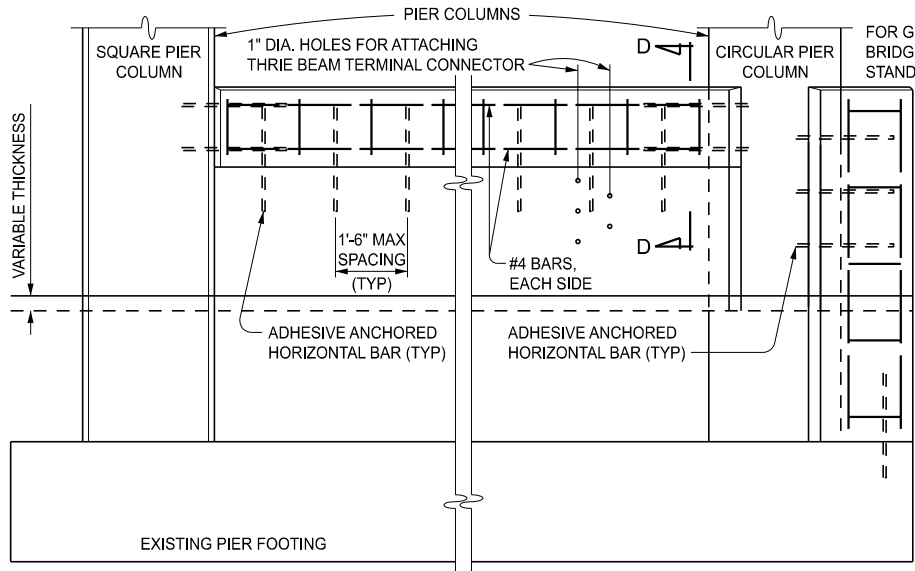
<p>MDOT Michigan Department of Transportation</p> <p>DEPARTMENT DIRECTOR BRADLEY C. WIEFERICH, PE</p>	<p>STANDARD PLAN FOR FILLER WALLS AT BRIDGE PIER COLUMNS</p>		<p>R-55-H</p>	<p>SHEET 4 OF 5</p>
	<p>(SPECIAL DETAIL) FHWA APPROVAL</p>	<p>03/13/2024 PLAN DATE</p>		



FILLER WALL END BLOCK (SEE NOTES, BELOW, AND DETAILS FOR FILLER WALL END BLOCK SHEET 3 OF 5)

* REINFORCING STEEL SHALL BE TESTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR CONSTRUCTION PRIOR TO BENDING. THE REINFORCING STEEL SHALL THEN BE FIELD BENT RADIALLY TO CIRCULAR PIERS AND PARALLEL TO THE FILLER WALL. FIELD BENDING SHALL BE ACCORDING TO THE STANDARD SPECIFICATIONS FOR CONSTRUCTION. ANY DAMAGE TO THE EPOXY COATING DURING TESTING OR BENDING SHALL BE REPAIRED AT THE CONTRACTORS EXPENSE.

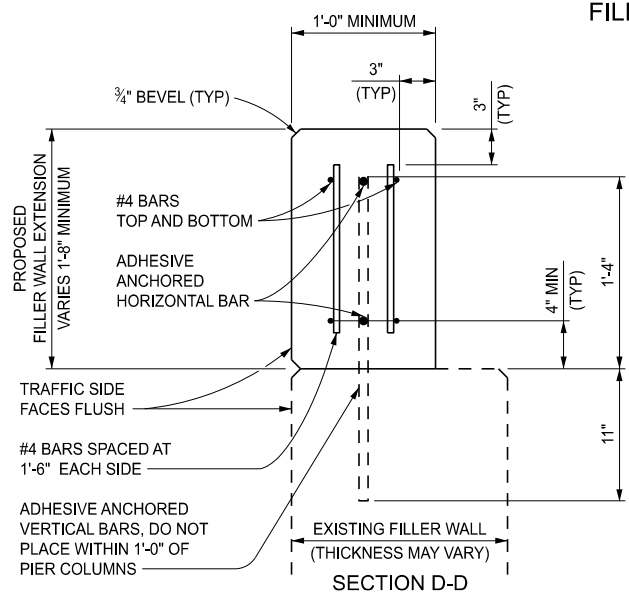
PLAN



ELEVATION

END

FILLER WALL EXTENSION FOR ADDITIONAL HEIGHT



NOTES:

- THE AREA BETWEEN THE FILLER WALLS AT THE MEDIAN PIERS MAY BE FILLED WITH CONCRETE AT THE CONTRACTOR'S OPTION, WITH NO INCREASE IN COST TO THE DEPARTMENT.
- CARE SHALL BE TAKEN TO ENSURE THAT FILLER WALLS DO NOT ENTRAP WATER. DRAINAGE MUST BE PROVIDED BY USE OF WEEP HOLES AND DRAIN HOLES AND/OR RESHAPING SLOPES.
- TOP OF FILLER WALL SHALL BE PARALLEL WITH THE PAVEMENT GRADE.
- MATERIALS AND LABOR REQUIRED TO CONSTRUCT FILLER WALL END BLOCKS SHALL BE PAID FOR AS FILLER WALL CONCRETE AND ADHESIVE ANCHORING OF HORIZONTAL/VERTICAL BARS, AND SHALL BE ACCORDING TO THE STANDARD SPECIFICATIONS FOR CONSTRUCTION.
- SEE STANDARD PLAN R-67-SERIES WHEN ATTACHING GUARDRAIL TO FILLER WALLS.
- ALTERNATE METHODS MAY BE USED TO ANCHOR THE BARS IF APPROVED BY THE ENGINEER.
- ALL STEEL REINFORCEMENT BARS AND ADHESIVE ANCHORED HORIZONTAL/VERTICAL BARS SHALL BE EPOXY COATED AND PAID FOR SEPARATELY.
- ADHESIVE ANCHORS SHALL BE INSTALLED AS PER MANUFACTURERS RECOMMENDATION EXCEPT AS MODIFIED ON THIS STANDARD.

<p>DEPARTMENT DIRECTOR BRADLEY C. WIEFERICH, PE</p>	<p>STANDARD PLAN FOR FILLER WALLS AT BRIDGE PIER COLUMNS</p>		<p>R-55-H</p>	<p>SHEET 5 OF 5</p>
	<p>(SPECIAL DETAIL) FHWA APPROVAL</p>	<p>03/13/2024 PLAN DATE</p>		