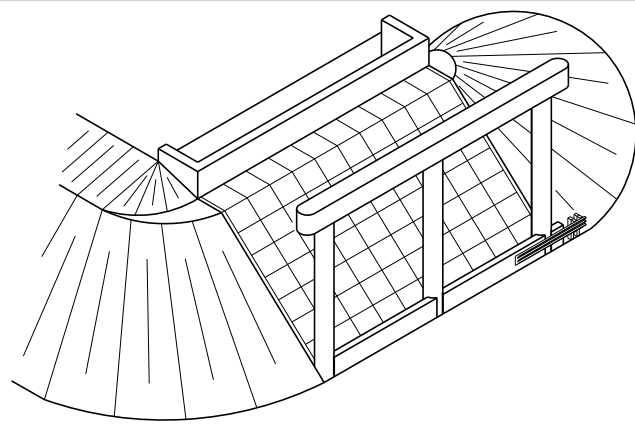
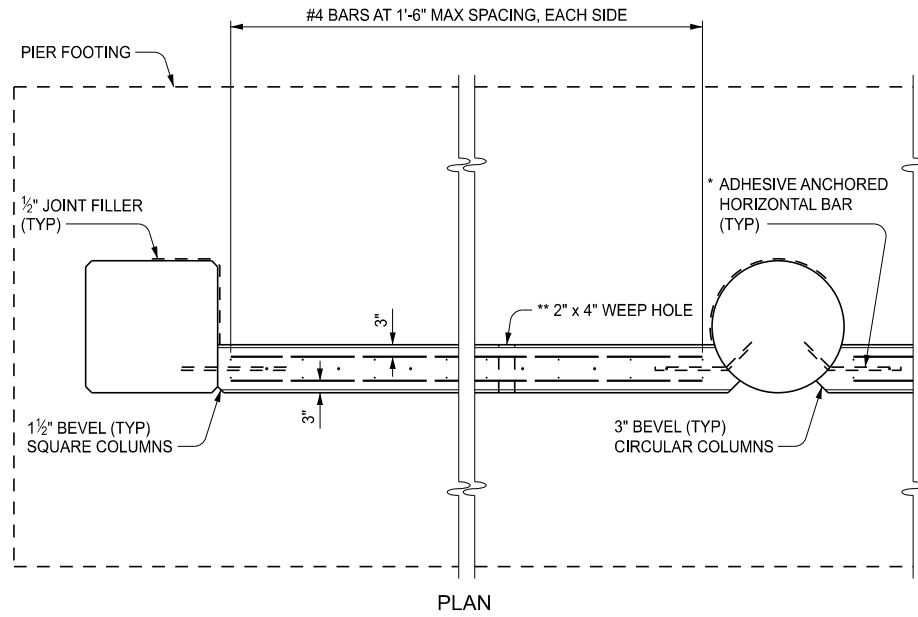


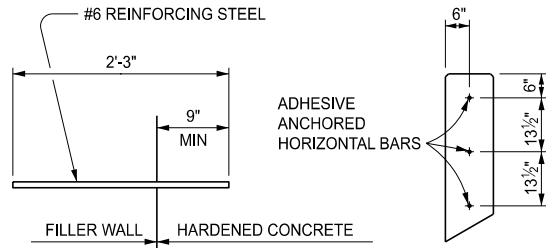
SKETCH OF FILLER WALLS AT SQUARE PIER COLUMNS



SKETCH OF FILLER WALLS AT CIRCULAR PIER COLUMNS



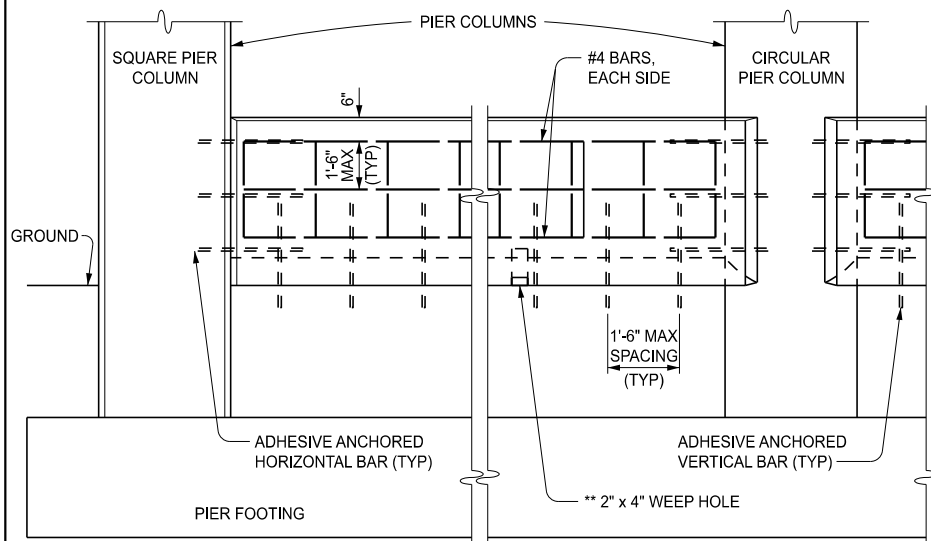
PLAN



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

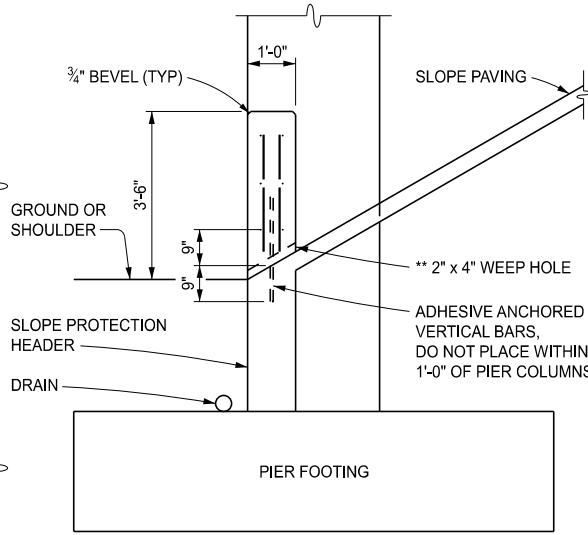
* REINFORCING STEEL SHALL BE TESTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR CONSTRUCTION PRIOR TO BENDING. THE REINFORCING STEEL SHALL THEN BE FIELD BENT RADIALLY TO CIRCULAR PIERS AND PARALLEL TO THE FILLER WALL. FIELD BENDING SHALL BE ACCORDING TO THE STANDARD SPECIFICATIONS FOR CONSTRUCTION. 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)

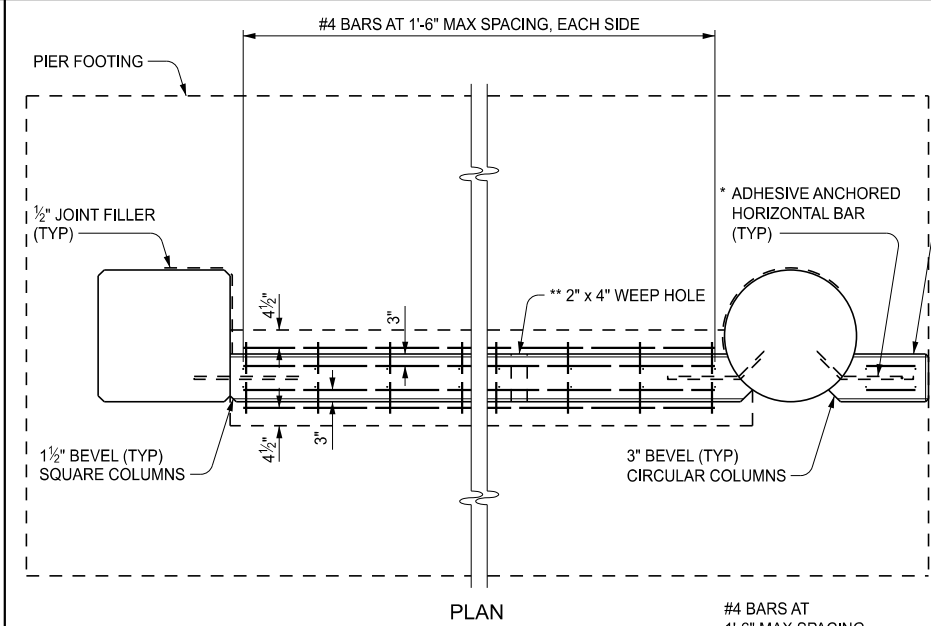


ELEVATION

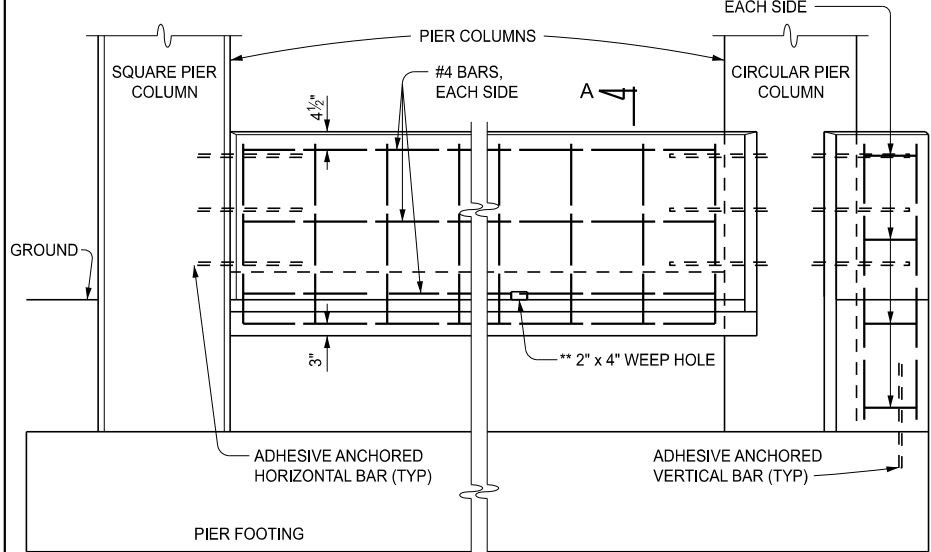
FILLER WALLS USING SLOPE PROTECTION HEADER AS FOOTING



END

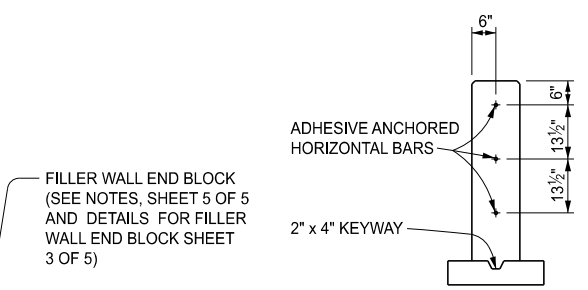


PLAN



ELEVATION

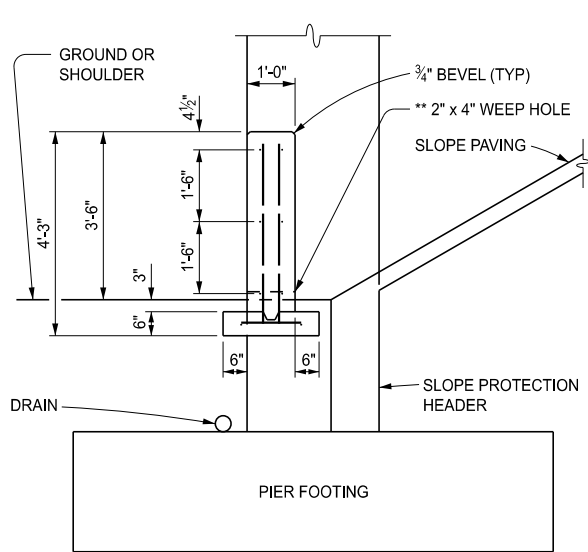
FILLER WALLS WITH FOOTINGS - OUTSIDE PIERS



ADHESIVE ANCHORED HORIZONTAL BAR LAYOUT

* 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)



SECTION A-A

APPROVED BY: _____
DIRECTOR, BUREAU OF FIELD SERVICES

APPROVED BY: _____
DIRECTOR, BUREAU OF DEVELOPMENT



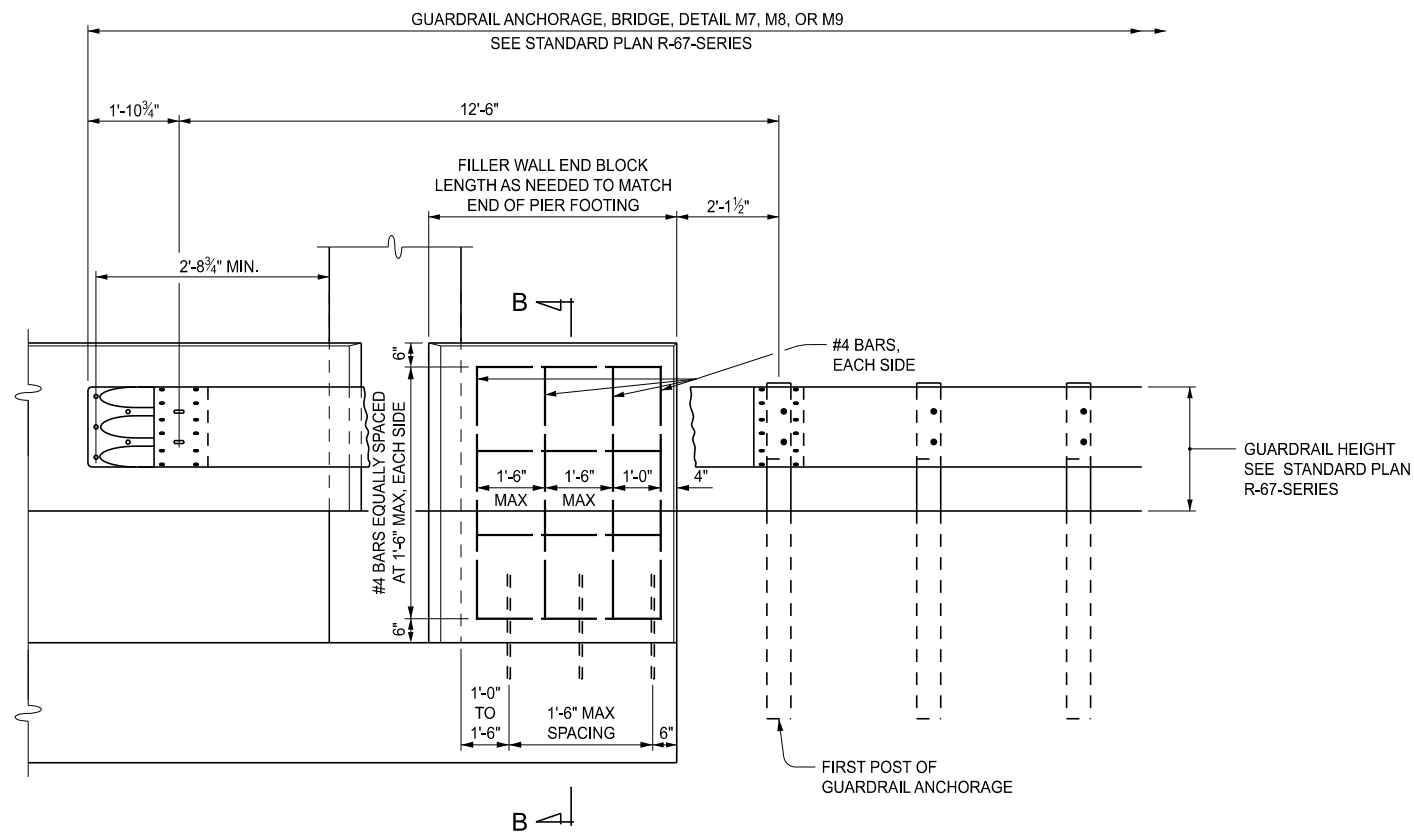
STANDARD PLAN FOR
FILLER WALLS AT
BRIDGE PIER COLUMNS

(SPECIAL DETAIL) 03/13/2024 SHEET 1 OF 5
FHWA APPROVAL PLAN DATE R-55-H

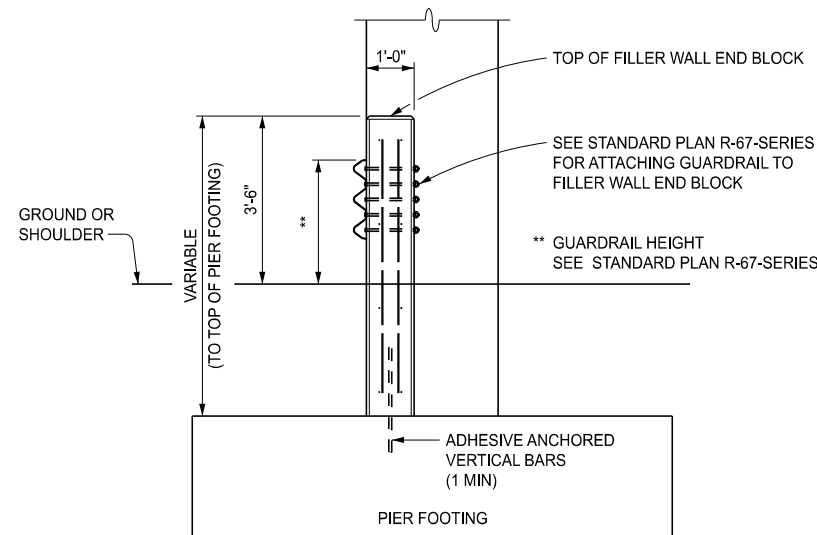


STANDARD PLAN FOR
FILLER WALLS AT
BRIDGE PIER COLUMNS

(SPECIAL DETAIL) 03/13/2024 SHEET 2 OF 5
FHWA APPROVAL PLAN DATE R-55-H

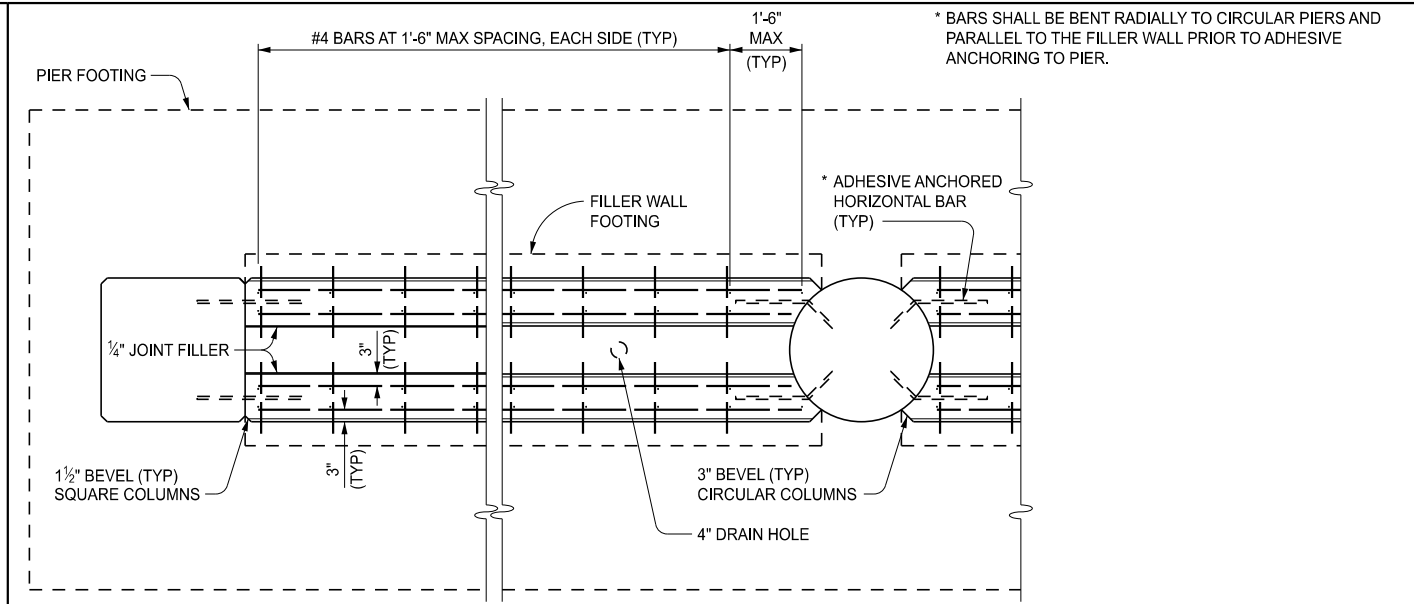


ELEVATION

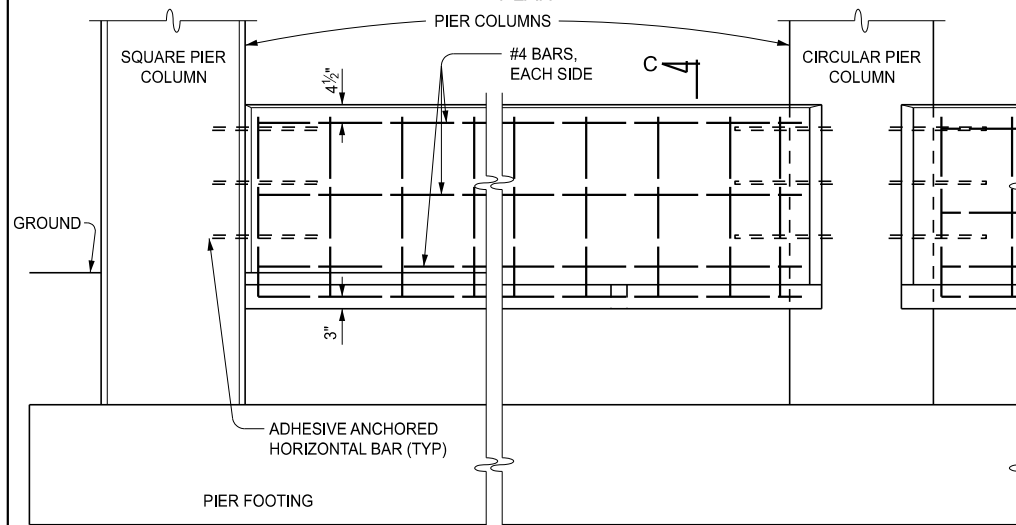


SECTION B-B

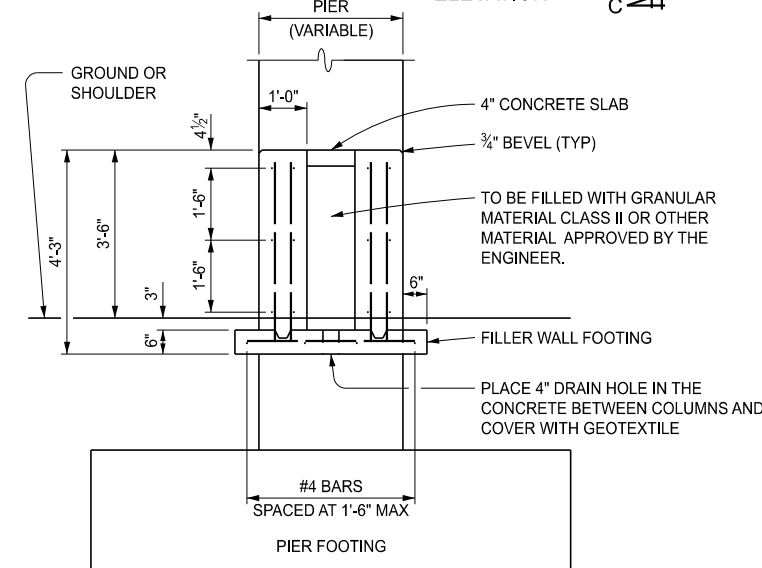
DETAILS FOR FILLER WALL END BLOCK
(SEE STANDARD PLAN R-67-SERIES FOR GUARDRAIL ATTACHMENT DETAILS)



PLAN

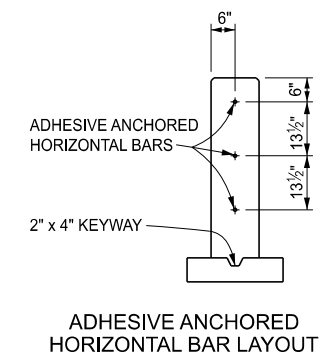


ELEVATION C-C



SECTION C-C

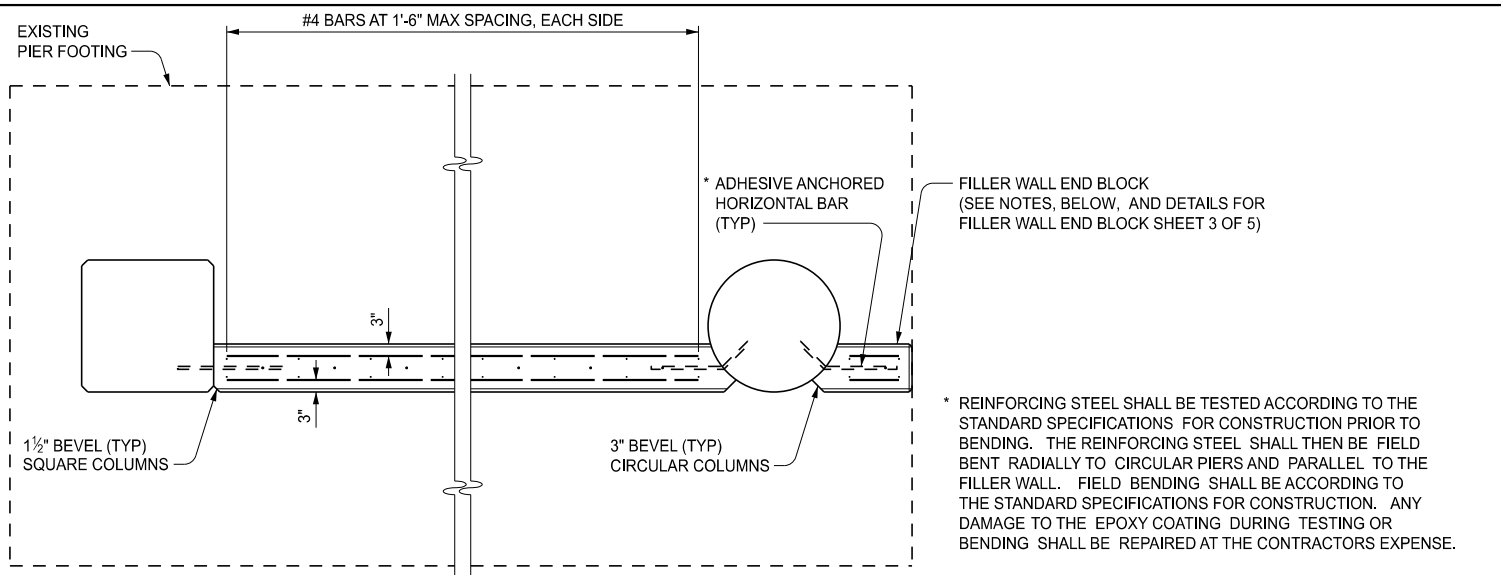
FILLER WALLS WITH FOOTINGS - MEDIAN PIERS



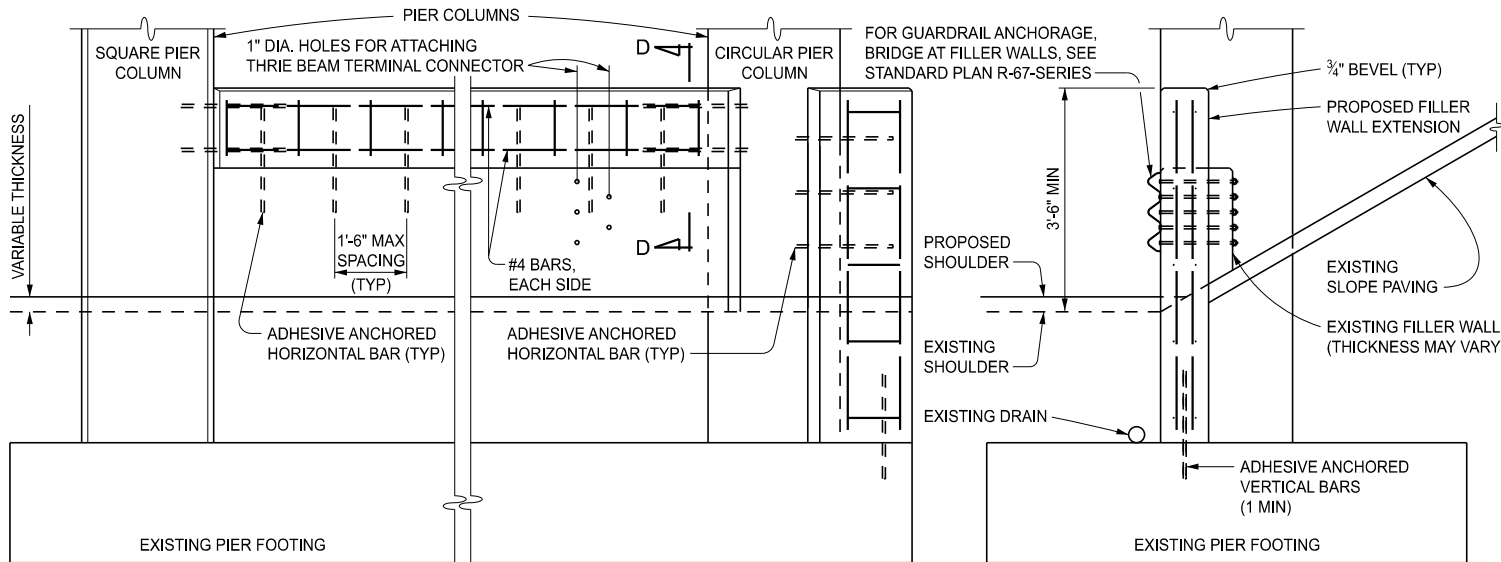
ADHESIVE ANCHORED HORIZONTAL BAR LAYOUT

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

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



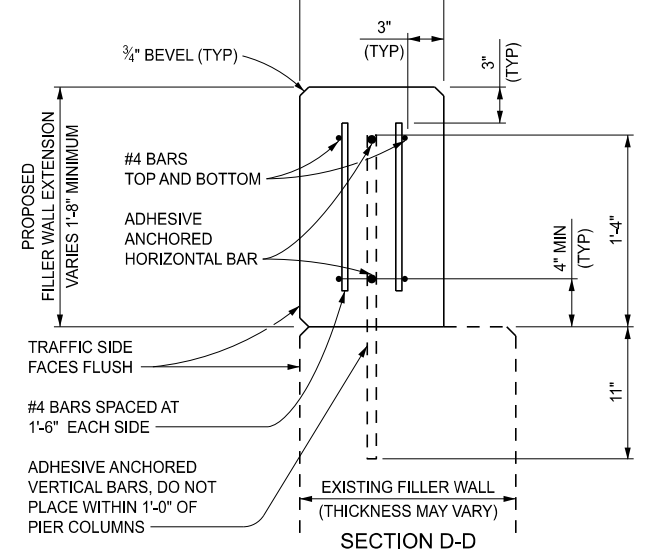
PLAN



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.



DEPARTMENT DIRECTOR
BRADLEY C. WIEFERICH, PE

STANDARD PLAN FOR
FILLER WALLS AT
BRIDGE PIER COLUMNS

(SPECIAL DETAIL)	03/13/2024	R-55-H	SHEET 5 OF 5
FLWA APPROVAL	PLAN DATE		