
ORIGINATION FORM

Proposed Revisions to a Standard Plans Index
(Please provide all information — Incomplete forms will be returned)

Contact Information:

Date: January 9, 2020

Originator: Cheryl Hudson

Phone: 414-5332

Email: cheryl.hudson@dot.state.fl.us

Standard Plans:

Index Number: 400-010

Sheet Number (s): 1 & 2

Index Title: Cantilever Retaining Wall

Summary of the changes:

Remove reference to steel for reinforcement

Commentary / Background:

Make generic for Steel or GFRP/BFRP reinforcing

Other Affected Offices / Documents: (Provide name of person contacted)

Yes	No	
☐	☒	Other Standard Plans –
☐	☒	FDOT Design Manual –
☐	☒	Basis of Estimates Manual –
☐	☒	Standard Specifications –
☐	☒	Approved Product List –
☐	☒	Construction –
☐	☒	Maintenance –

Origination Package Includes:

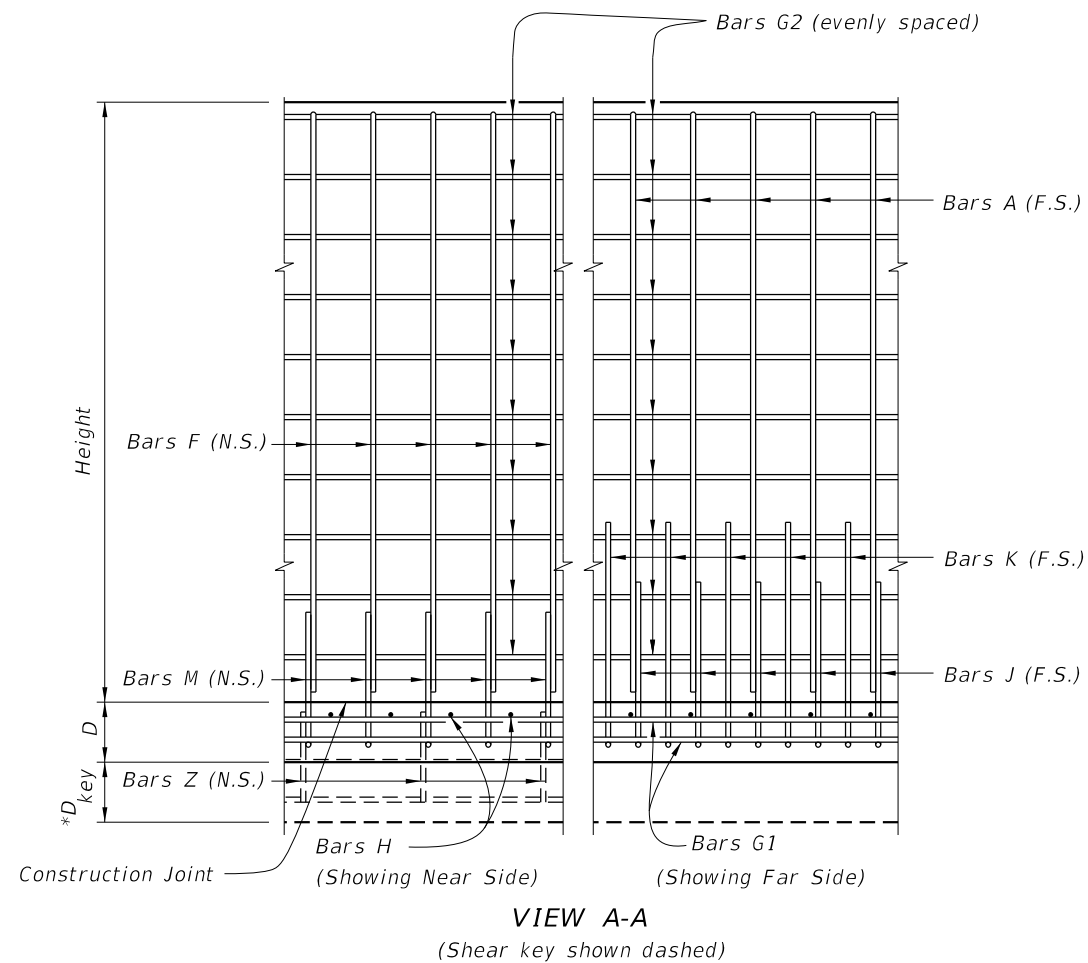
(Email or hand deliver package to Rick Jenkins)

Yes	N/A	
☒	☐	Redline Mark-ups
☐	☒	Proposed Standard Plan Instruction (SPI)
☐	☒	Revised SPI
☒	☐	Other Support Documents

Implementation:

☐	Design Bulletin (Interim)
☐	DCE Memo
☐	Program Mgmt. Bulletin
☒	FY-Standard Plans (Next Release)

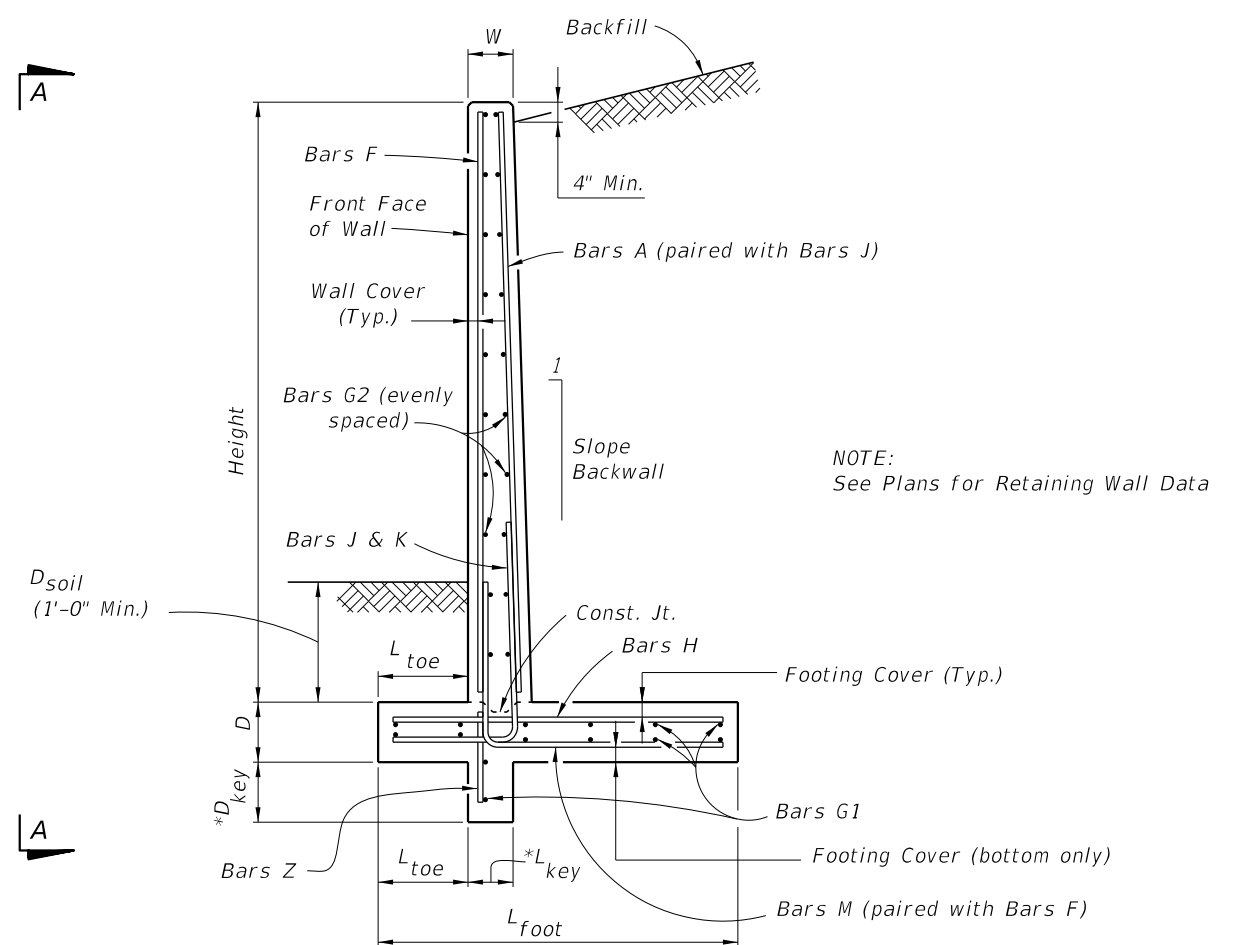
Contact the Roadway Design Office for assistance in completing this form



NOTES

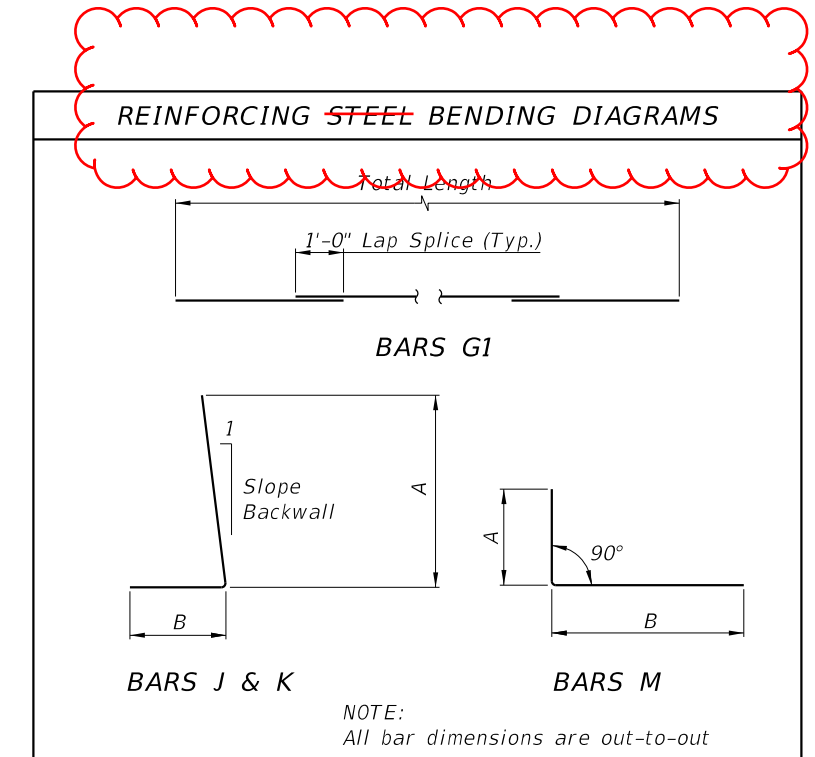
TRAFFIC RAILINGS OR PARAPETS:
If there is a Traffic Railing or Parapet on the wall, align Wall Joints with V-Grooves, and Wall Expansion Joints with Barrier Open Joints.

FOUNDATION:
Prepare the soil below the footing in accordance with the requirements for spread footings in Specification Section 455.



* Shear Key is required only when specified in the Plans.

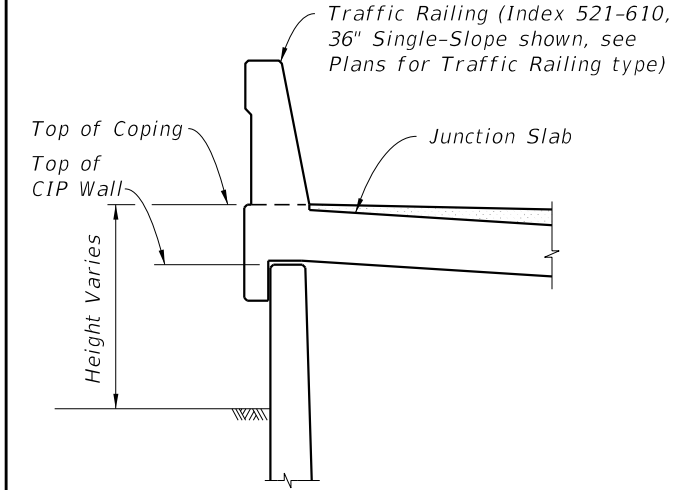
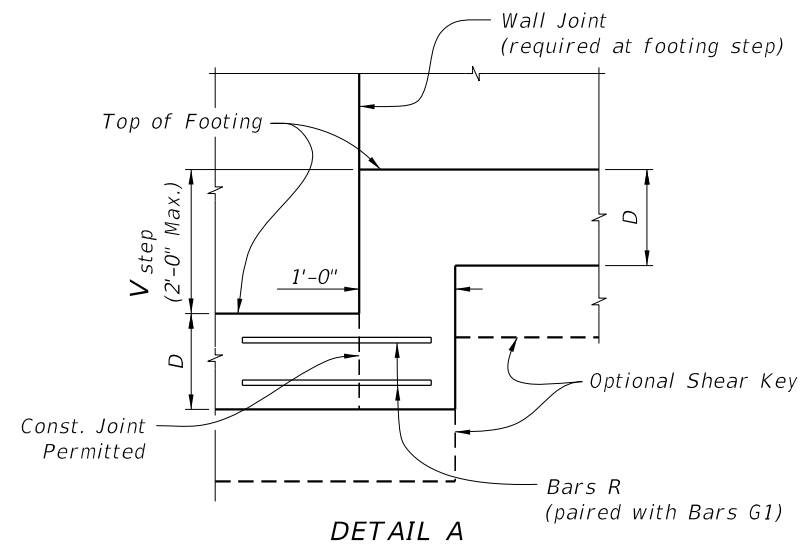
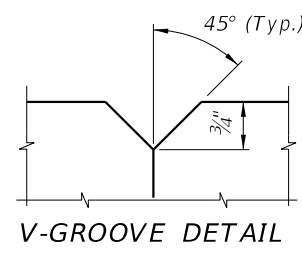
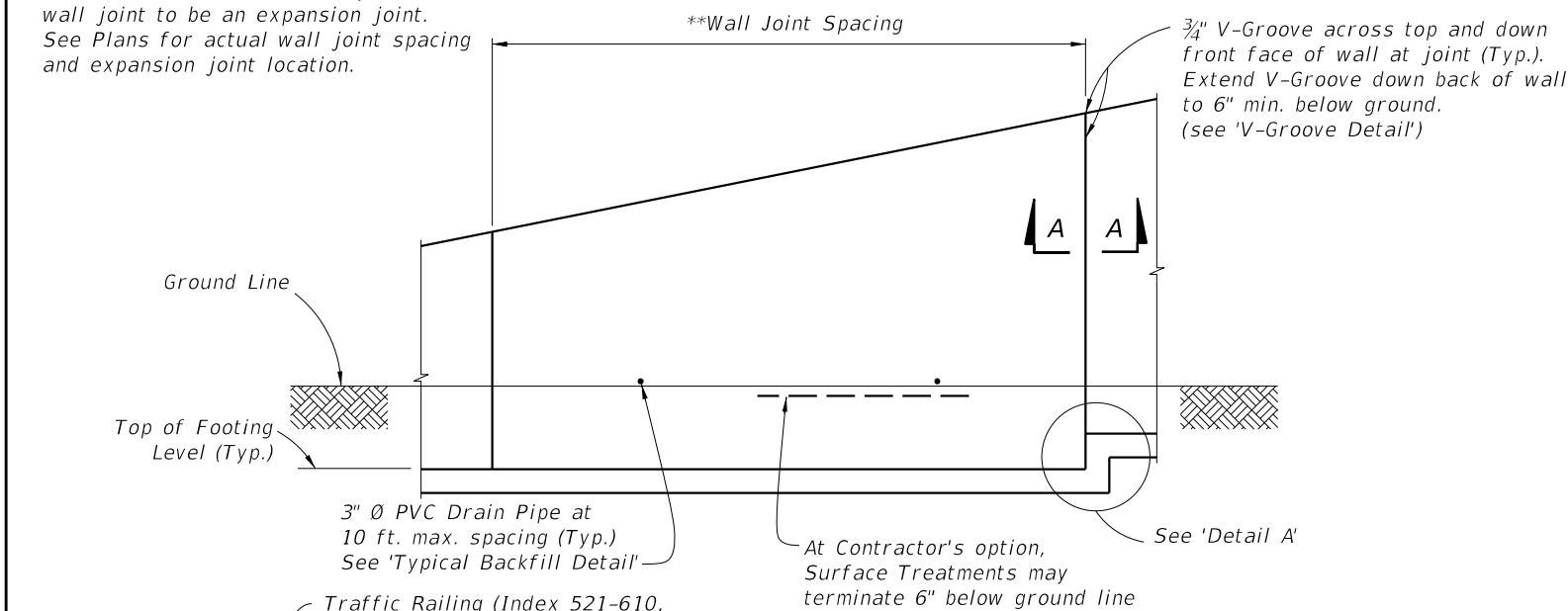
TYPICAL SECTION



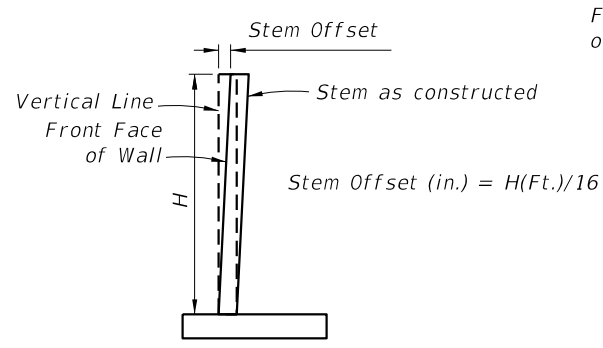
10/14/2019 9:03:54 AM

LAST REVISION 11/01/17	REVISION	DESCRIPTION:	 FY 2020-21 STANDARD PLANS	CANTILEVER RETAINING WALL (C-I-P)	INDEX 400-010	SHEET 1 of 2
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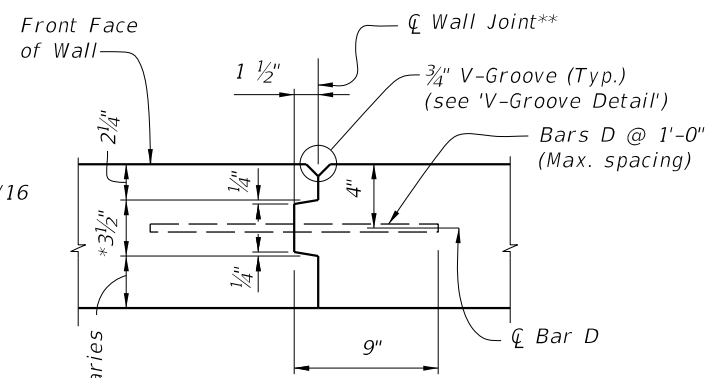
****Wall joint spacing 25 ft. maximum and 5' minimum. At minimum, every fourth wall joint to be an expansion joint. See Plans for actual wall joint spacing and expansion joint location.**



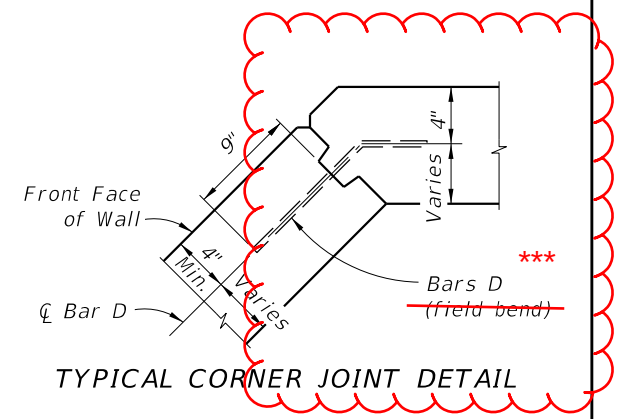
FRONT ELEVATION



STEM OFFSET VALUES
(for H < 20 Ft.)

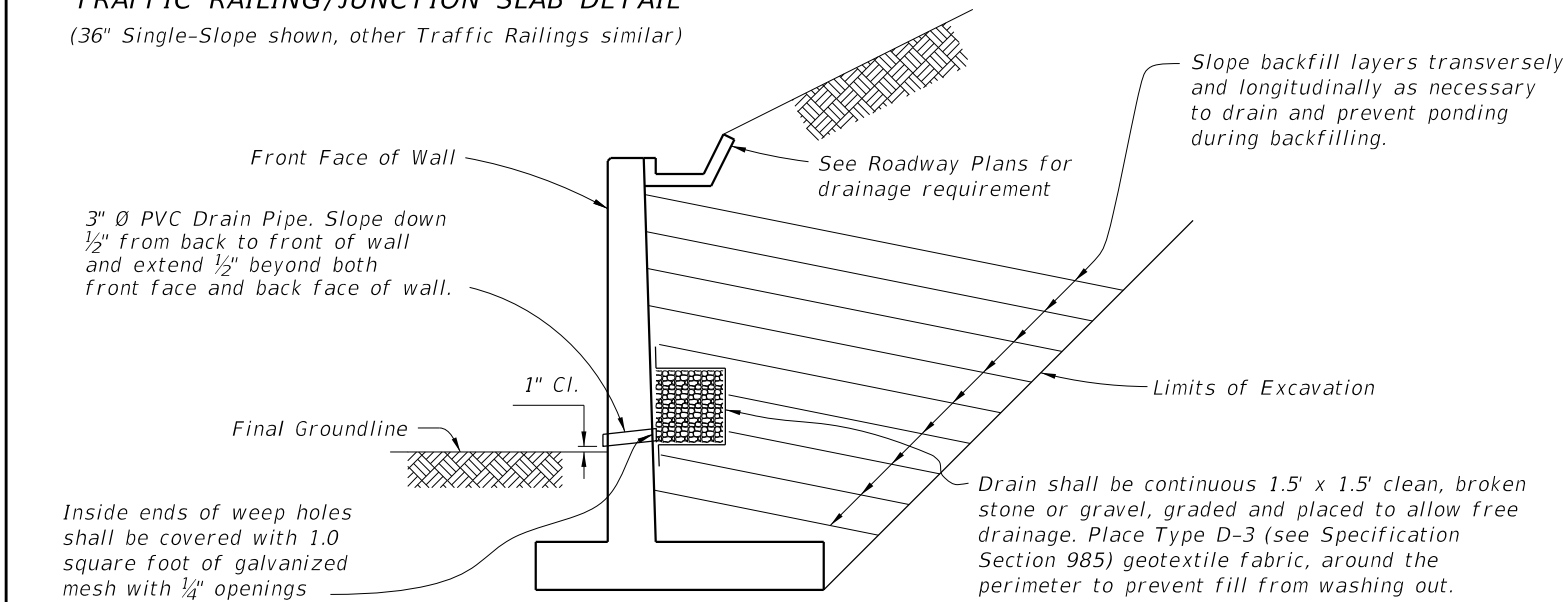


SECTION A-A WALL JOINT DETAIL

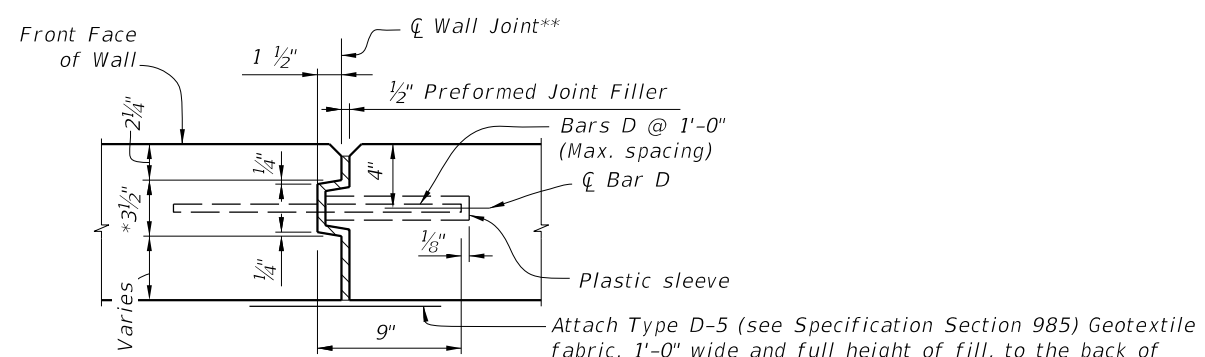


TYPICAL CORNER JOINT DETAIL

TRAFFIC RAILING/JUNCTION SLAB DETAIL
(36" Single-Slope shown, other Traffic Railings similar)



TYPICAL BACKFILL DETAIL



SECTION A-A EXPANSION JOINT DETAIL

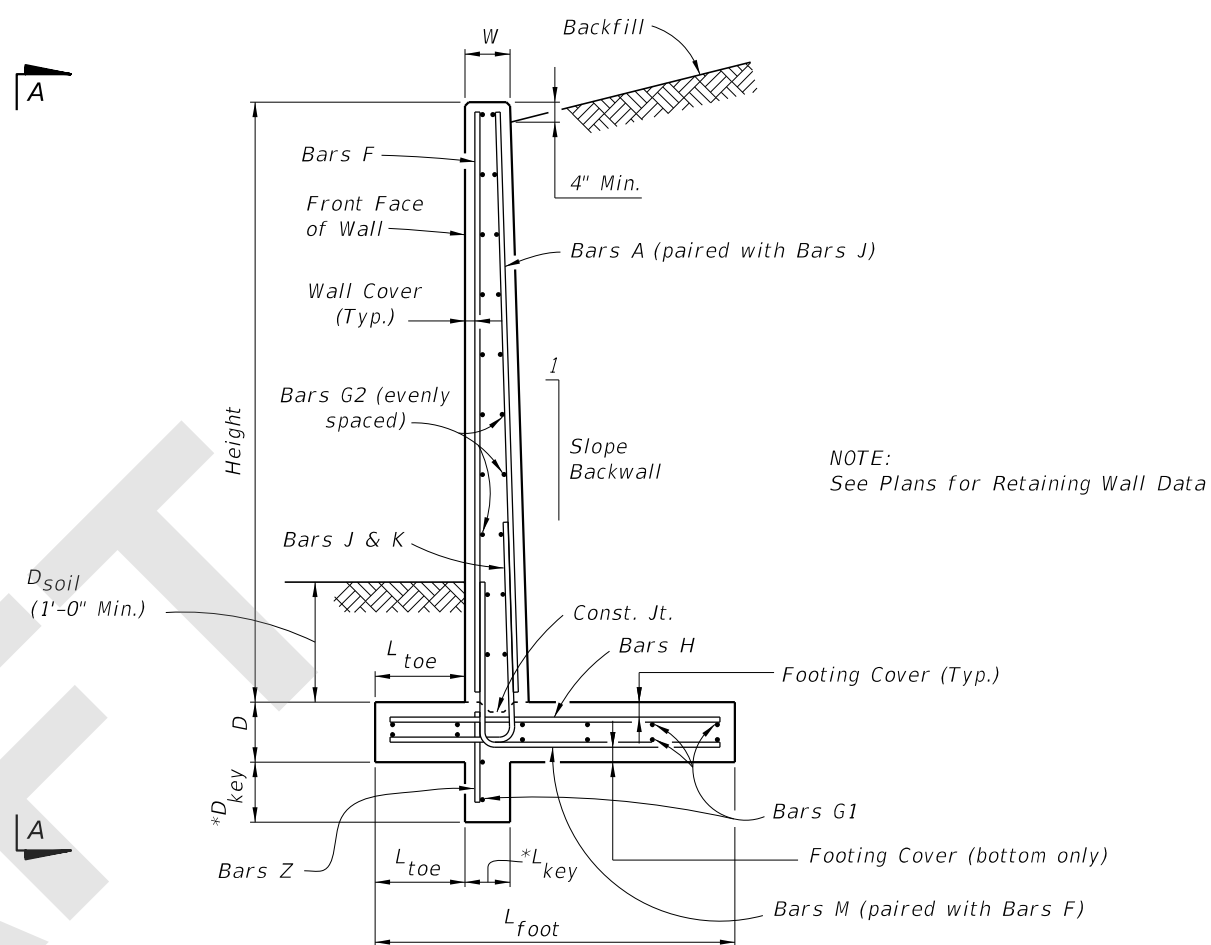
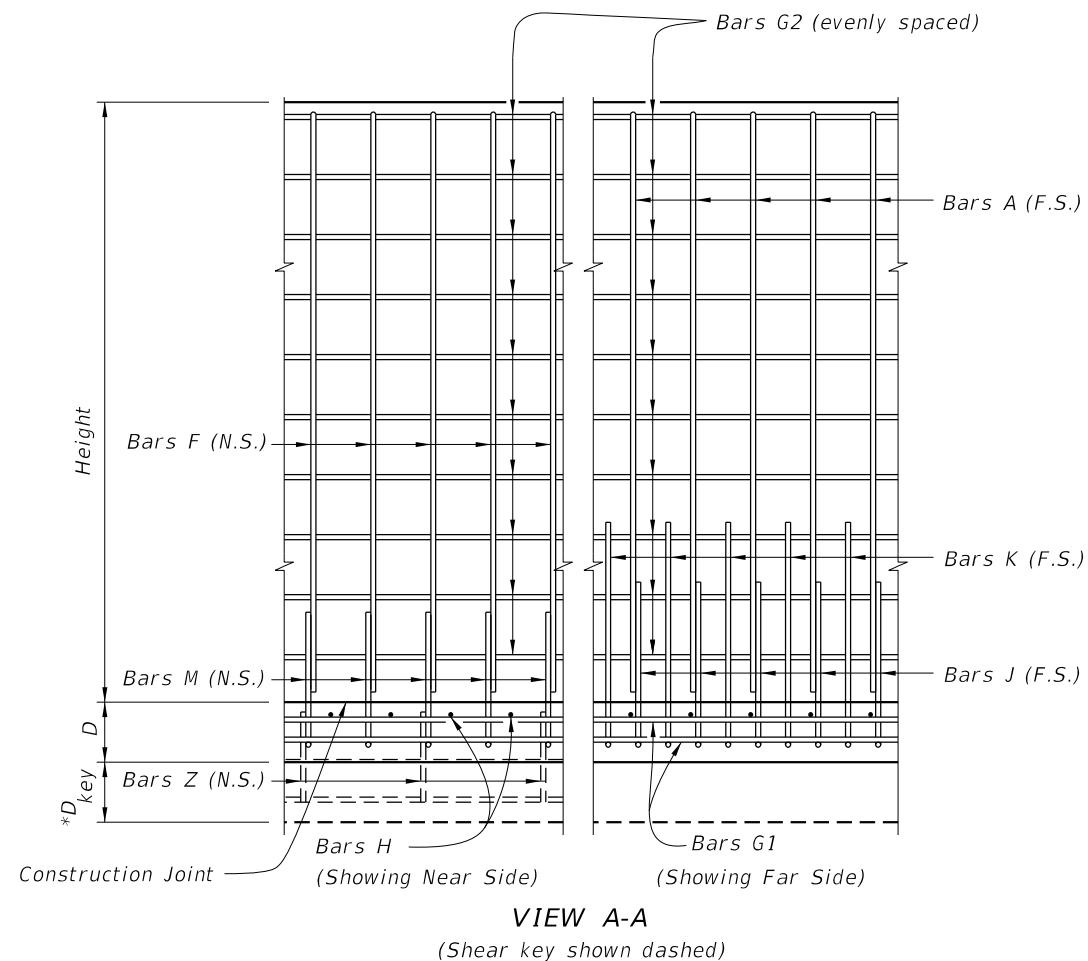
* Key to stop at top of footing and 6" from top of wall. Joint across footing and top of wall to be a straight line.

** Stay-In-Place Plastic Preformed Bond Beakers are permitted to form joints.

*** Bars D: Where a bend is required to maintain clearances, submit bend angle to GFRP supplier; steel reinforcing may be field bent.

CANTILEVER RETAINING WALL (C-I-P)

LAST REVISION	DESCRIPTION:	FY 2020-21 STANDARD PLANS	INDEX	SHEET
11/01/17			400-010	2 of 2

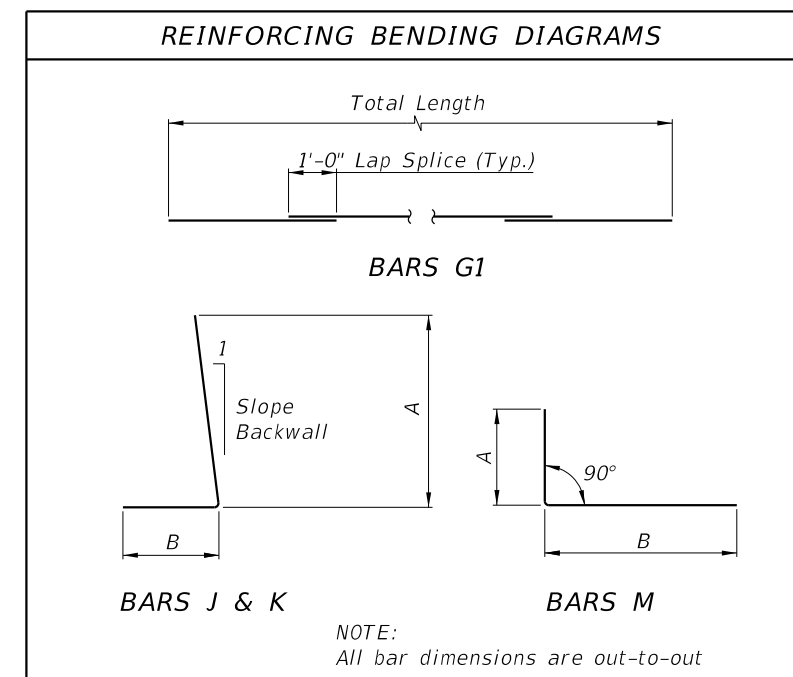


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NOTES

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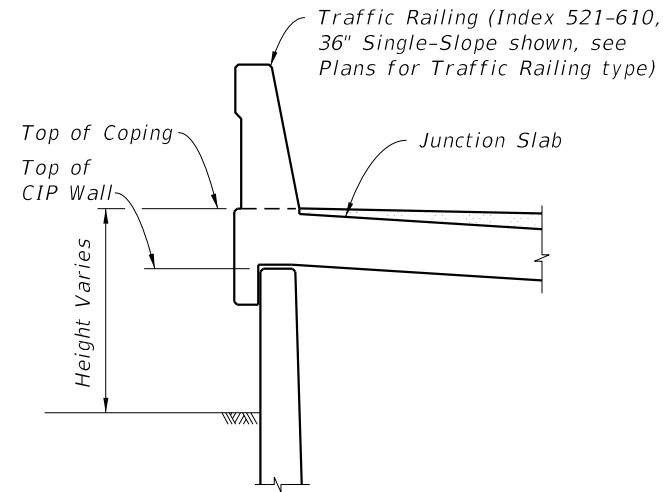
FOUNDATION:
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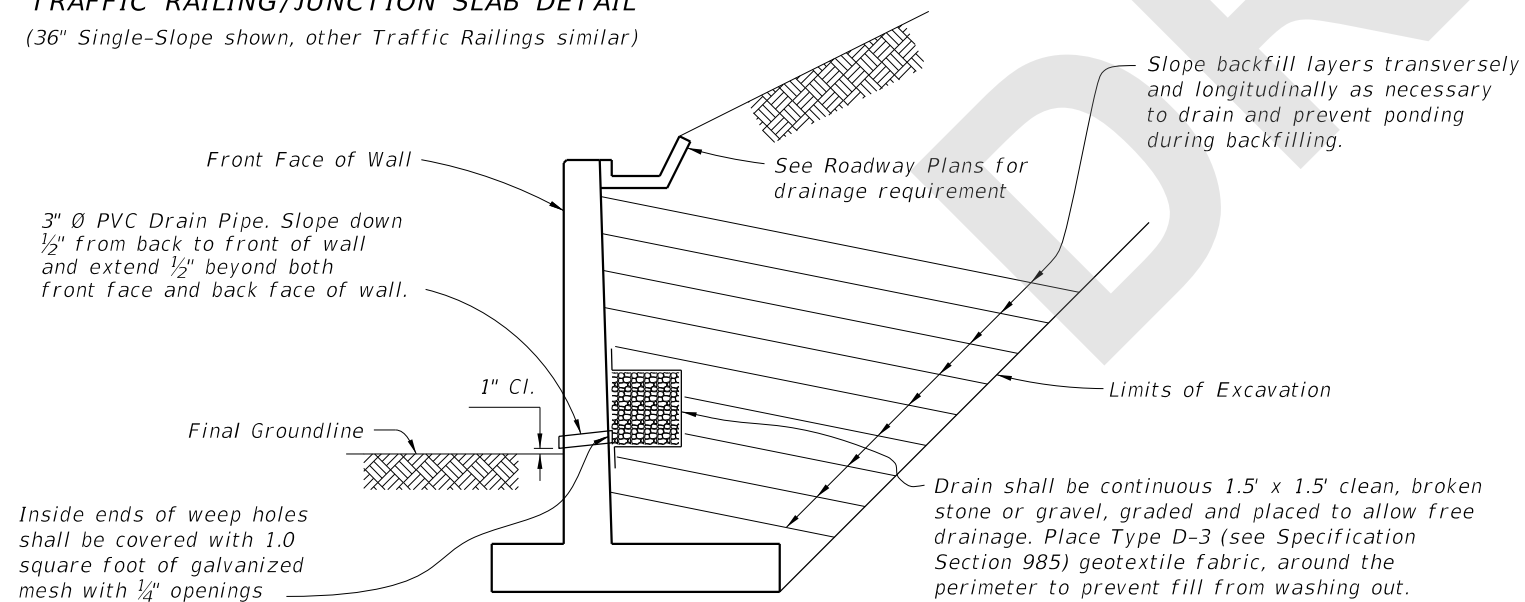
7/27/2020 1:31:38 PM

LAST REVISION 11/01/20	REVISION	DESCRIPTION:	 FY 2020-21 STANDARD PLANS	CANTILEVER RETAINING WALL (C-I-P)	INDEX 400-010	SHEET 1 of 2
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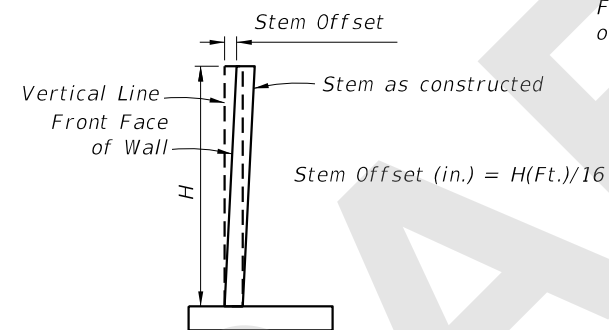
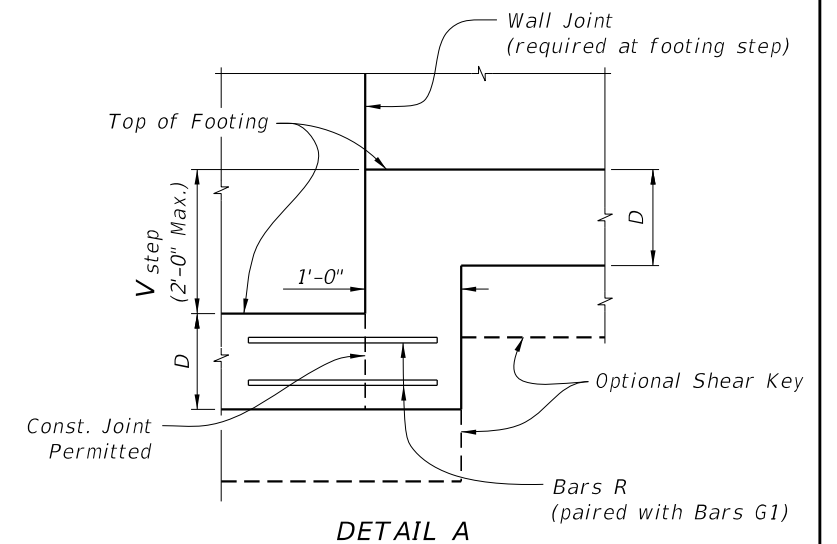
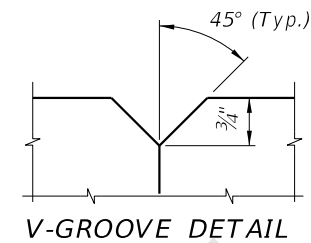
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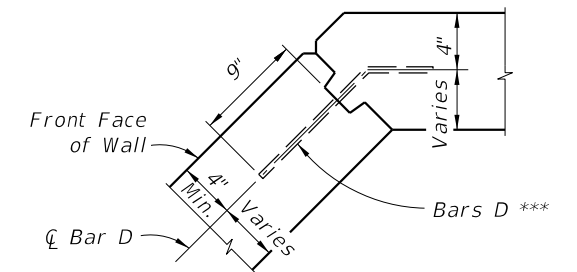
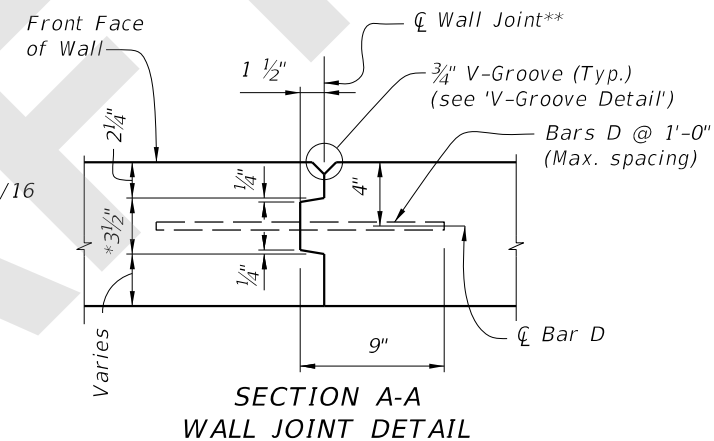
TRAFFIC RAILING/JUNCTION SLAB DETAIL
(36" Single-Slope shown, other Traffic Railings similar)



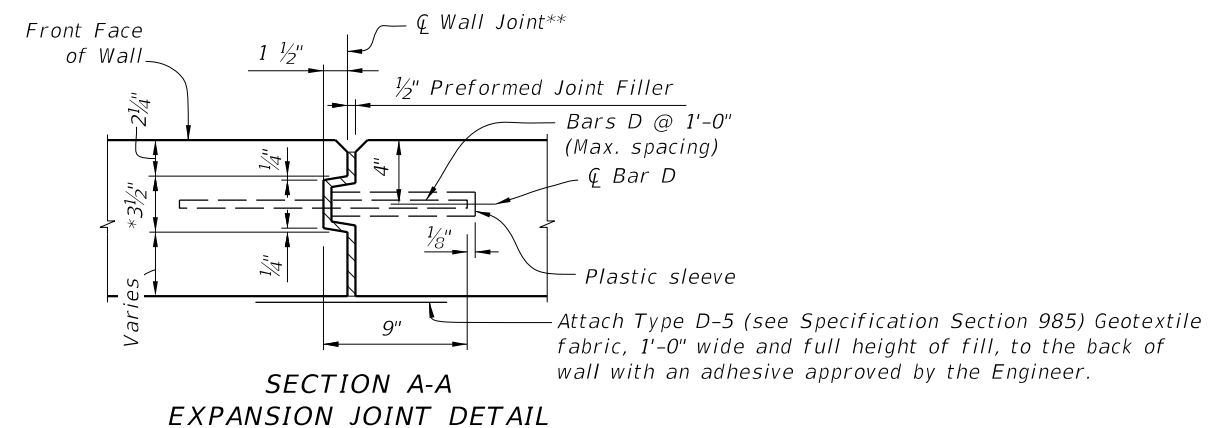
TYPICAL BACKFILL DETAIL



STEM OFFSET VALUES
(for $H < 20$ Ft.)



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