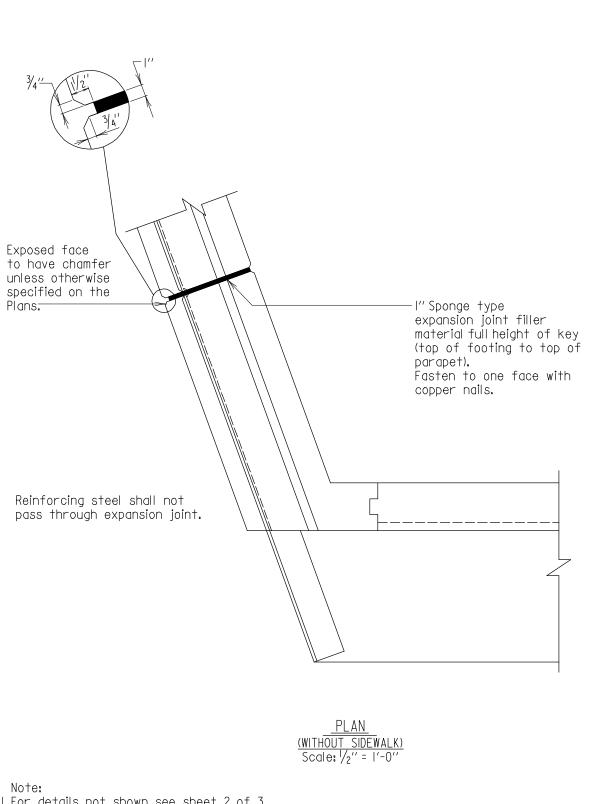


OFFICE OF STRUCTURES STRUCTURAL DETAIL MANUAL

Chapter 02 - Substructure

SECTION 03

WING WALLS (SUB-WW)



1.0

I. For details not shown see sheet 2 of 3.

2. This joint is required when distance from joint to end of wall is 25' or greater.

3. Material in end post area shall be cut to fit shape of end post.

4. Slanted lettering indicates notes "For Office Use Only".

5. Wing wall expansion joint locations shall be located within a striated panel, or edge of architectural treatment where abutment has this requirement.

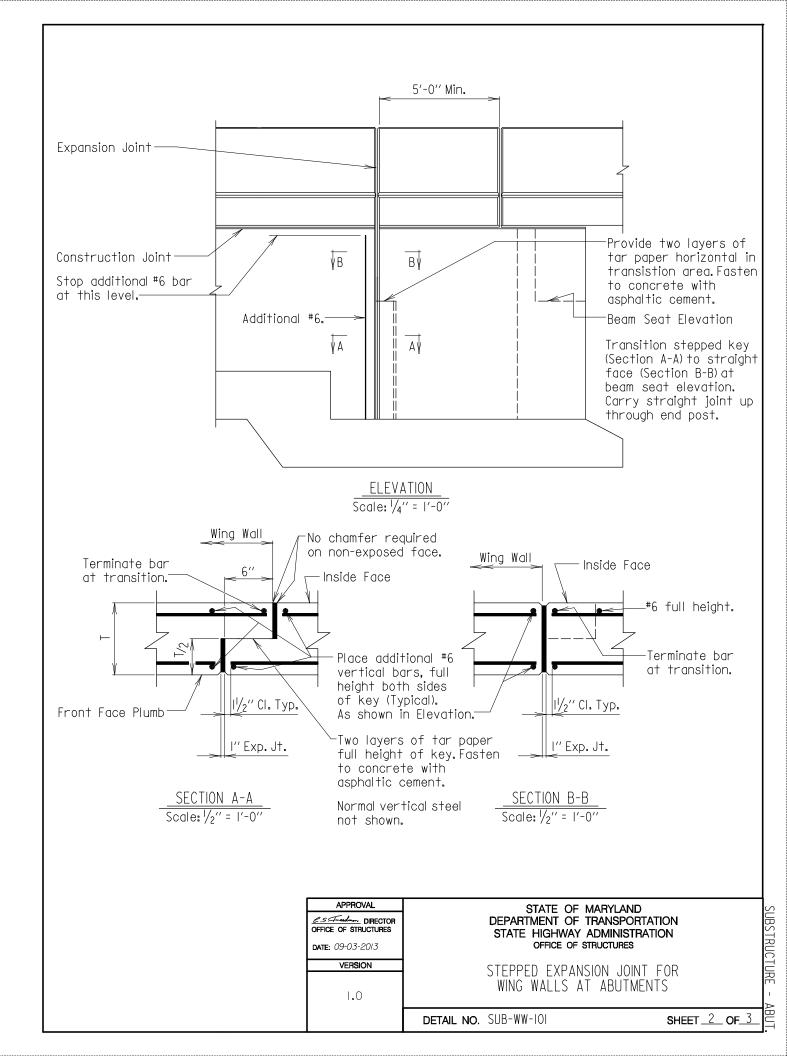
APPROVAL	STATE OF MARYLAND			
C.S. Freedman DIRECTOR OFFICE OF STRUCTURES	DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION			
DATE: 03-22-2006	OFFICE OF STRUCTURES			
VERSION	STEPPED EXPANSION JOINT FO	ЭR		

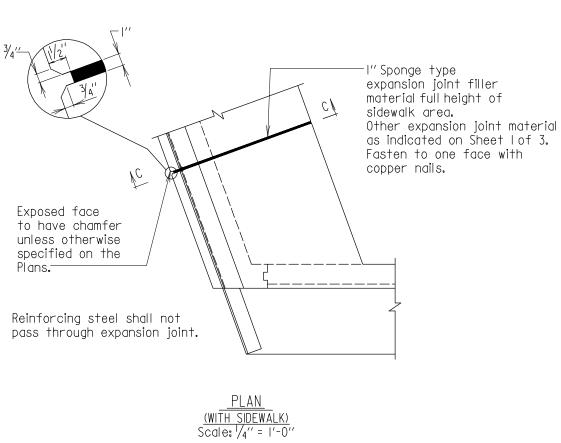
WING WALLS AT ABUTMENTS

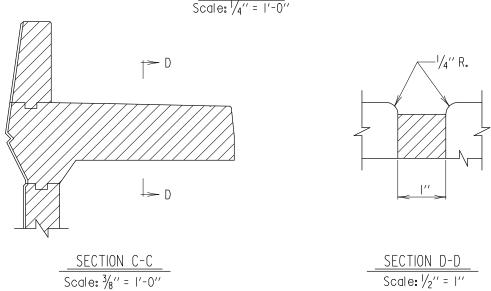
DETAIL NO. SUB-WW-101

SHEET \perp OF 3

SUBSTRUCTURE



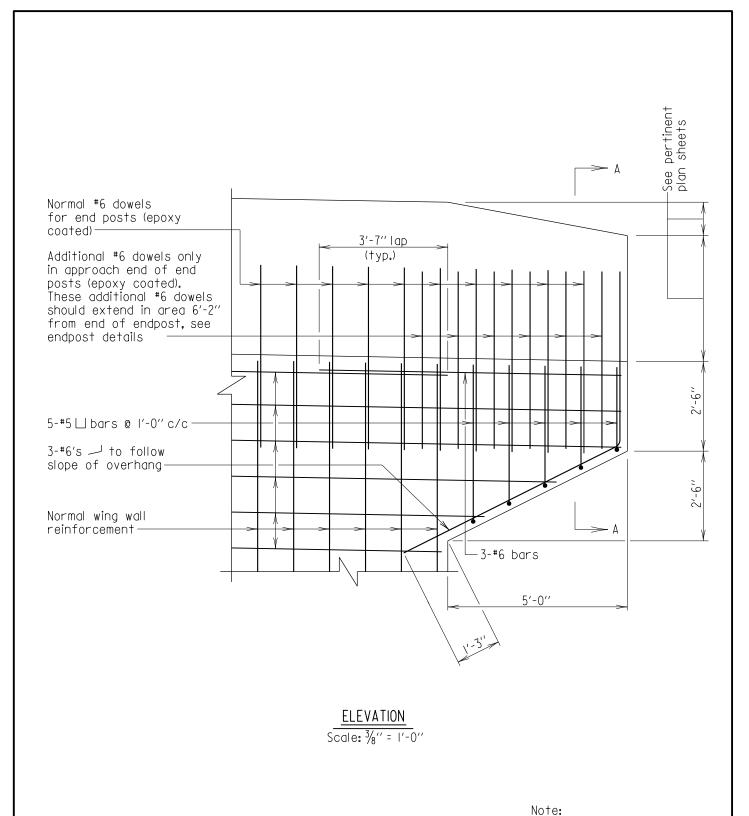




APPROVAL

See notes on Sheet Lof 3.

APPROVAL P.S. Fraction DIRECTOR OFFICE OF STRUCTURES DATE: 03-22-2006	STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF STRUCTURES	
VERSION	STEPPED EXPANSION JO WING WALLS AT ABUTI	
	DETAIL NO. SUB-WW-101	SHEET 3 OF 3



Note:

For endpost configuration, refer to wing wall and endpost plans.

Notes to Designer:

I. For bridges without a median barrier, use the approach end detail on all 4 end posts.

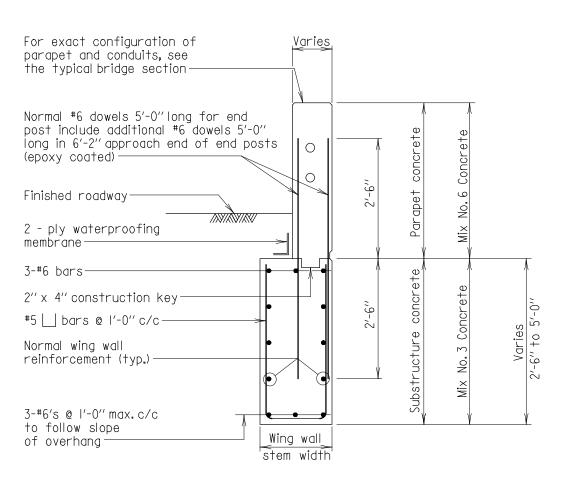
2.Use cantilever section when utilizing an existing foundation li.e. deck replacement or superstructure replacements only.

For Section A-A see sheet nos.2 & 3 of 3.

APPROVAL	STATE OF MARYLAND		
DIRECTOR FFICE OF STRUCTURES	DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION		
DATE: 08/11/2017	OFFICE OF STRUCTURES		
VERSION	TYPICAL WING WALL CANTILEVER		
2.0	AT END OF END POSTS REINFORCEMENT DETAILS		
	detail no. SUB-WW-201	SHE	

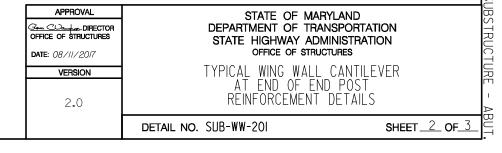
SHEET ___ OF_3

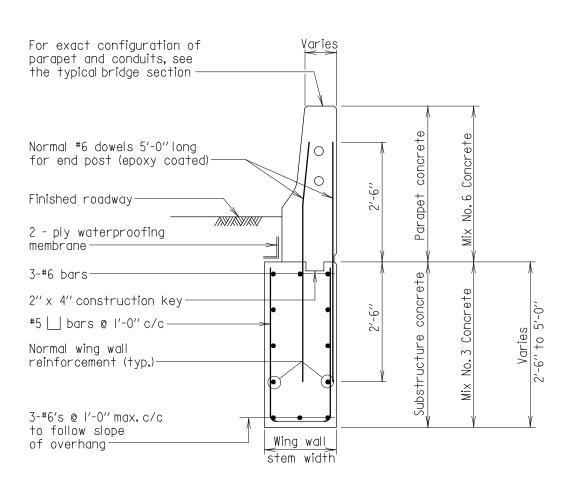
<u>UBSTRUCT</u>URE



$\frac{\text{SECTION A-A - APPROACH END}}{\text{Scale: } \frac{1}{2} \text{ '' = 1'-0''}}$

Note: For endpost configuration, refer to wing wall and endpost plans.





 $\frac{\text{SECTION A-A - TRAIL END}}{\text{Scale: } \frac{1}{2} = 1 - 0}$

Note: For endpost configuration, refer to wing wall and endpost plans.

APPROVAL General DIRECTOR OFFICE OF STRUCTURES DATE: 08/11/2017	STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION OFFICE OF STRUCTURES	
VERSION 2.0	TYPICAL WING WALL CAN AT END OF END PO: REINFORCEMENT DETA	ST
	DETAIL NO. SUB-WW-201	SHEET 3 OF 3

SUBSTRUCTURE -

