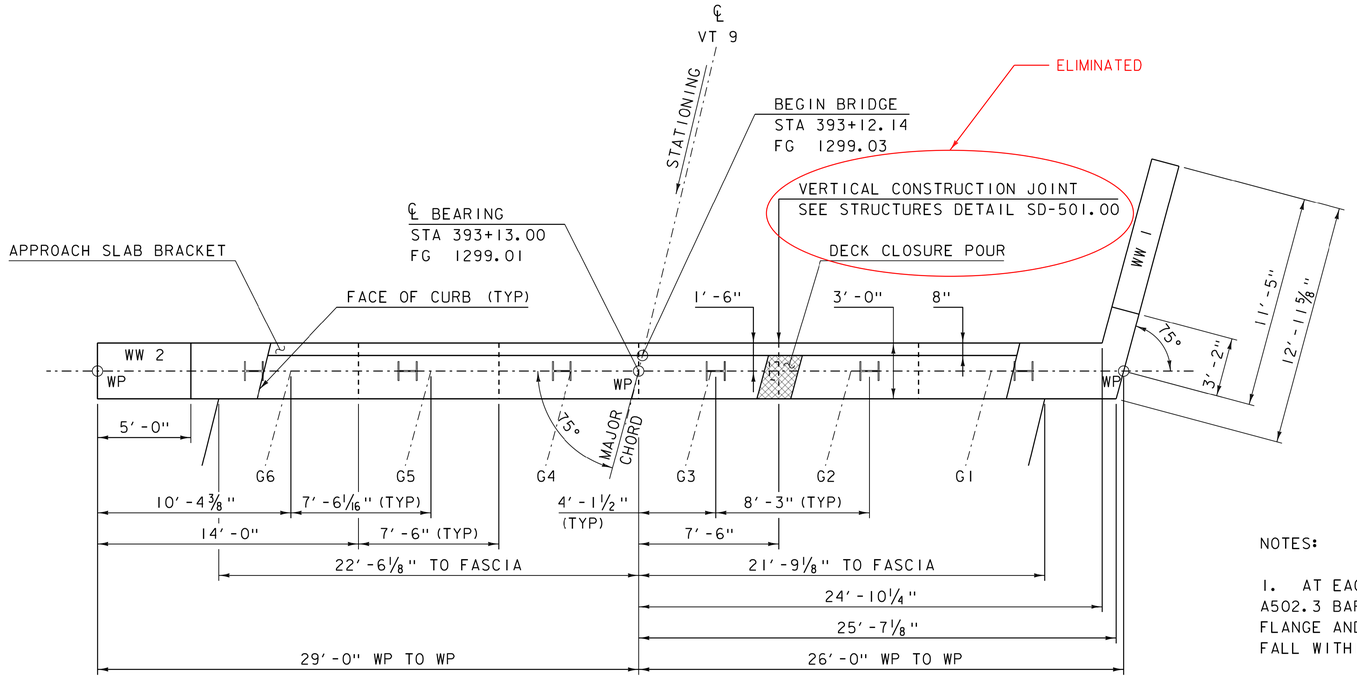
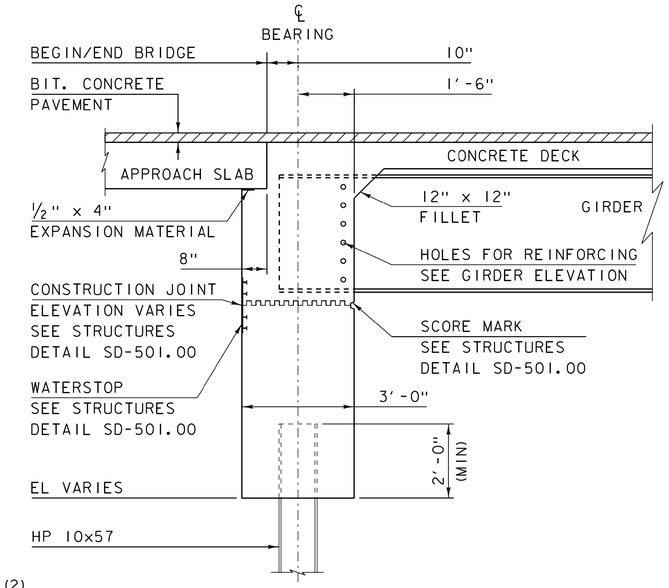


ABUTMENT 1 PLAN

SCALE 1/4" = 1'-0"



SECTION A-A
ABUTMENT TYPICAL SECTION

SCALE 1/2" = 1'-0"

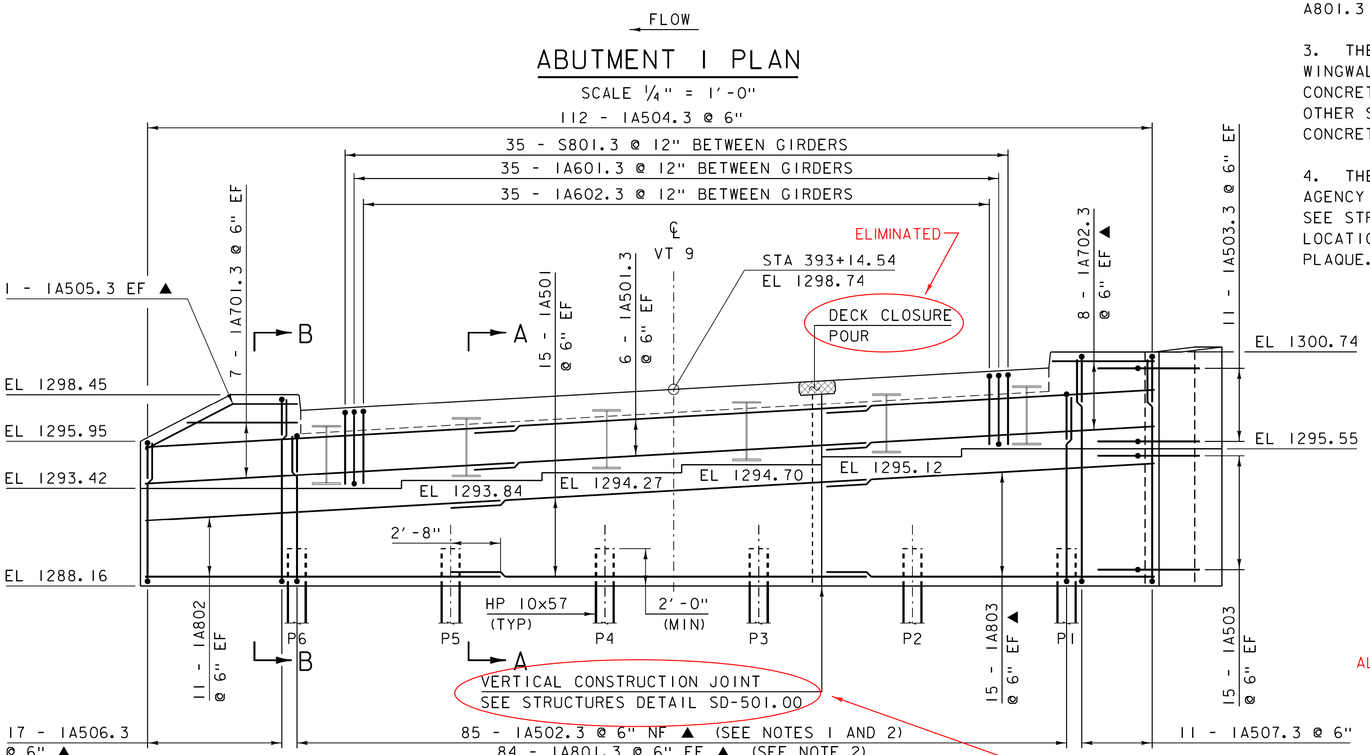
NOTES:

1. AT EACH GIRDER LOCATION, BUNDLE (2) A502.3 BARS ON EACH SIDE OF THE GIRDER FLANGE AND OMIT THE (2) A502.3 BARS THAT FALL WITHIN THE WIDTH OF THE FLANGE.

2. TURN THE BOTTOM LEG OF A502.3 AND A801.3 BARS TO CLEAR PILES AS NEEDED.

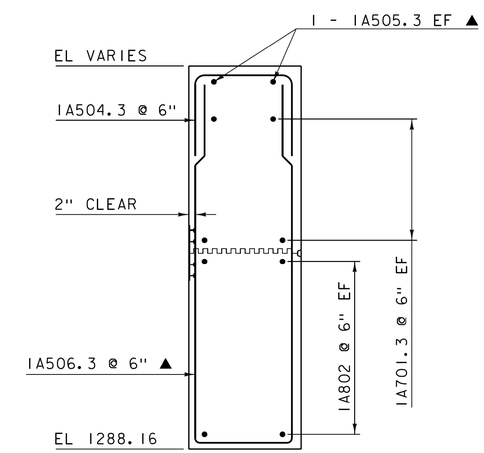
3. THE CONCRETE IN THE ABUTMENTS AND WINGWALLS ABOVE THE BRIDGE SEAT SHALL BE CONCRETE, HIGH PERFORMANCE CLASS A. ALL OTHER SUBSTRUCTURE CONCRETE SHALL BE CONCRETE, HIGH PERFORMANCE CLASS B.

4. THE BRIDGE PLAQUE FURNISHED BY THE AGENCY SHALL BE CAST INTO WINGWALL #2. SEE STRUCTURES DETAIL SD-502.00 FOR LOCATION AND POSITIONING OF THE BRIDGE PLAQUE.



ABUTMENT 1 ELEVATION

SCALE 1/4" = 1'-0"



SECTION B-B
WINGWALL 2 REINFORCING TYPICAL

SCALE 1/2" = 1'-0"

NOTE:

NF = NEAR FACE
FF = FAR FACE
EF = EACH FACE
▲ = CUT TO FIT IN FIELD
3" CLEAR, UNLESS OTHERWISE SPECIFIED ON THE PLANS.
2'-2" BAR LAP UNLESS OTHERWISE SPECIFIED ON THE PLANS.

ALL TRANSVERSE REBARS WERE STAGGERED

⚠ -SHEET REVISED 5/7/2014.
REPLACES SHEET 29 IN CONTRACT PLANS.

PROJECT NAME: MARLBORO	
PROJECT NUMBER: BRF 010-1(43)	
FILE NAME: s10414sub_1.dgn	PLOT DATE: 07-MAY-2014
PROJECT LEADER: K. HIGGINS	DRAWN BY: R. KLINEFELTER
DESIGNED BY: R. KLINEFELTER	CHECKED BY: J. SALVATORI
ABUTMENT 1	SHEET 29 OF 50