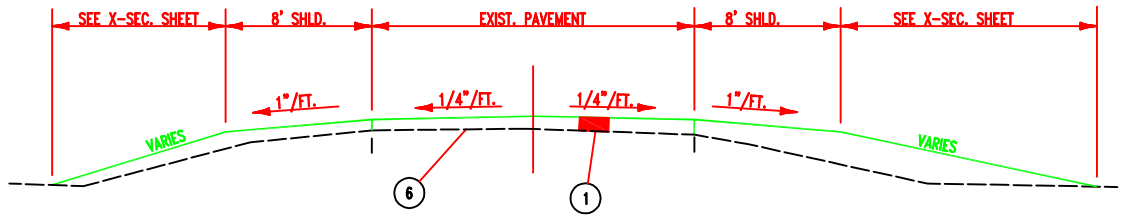
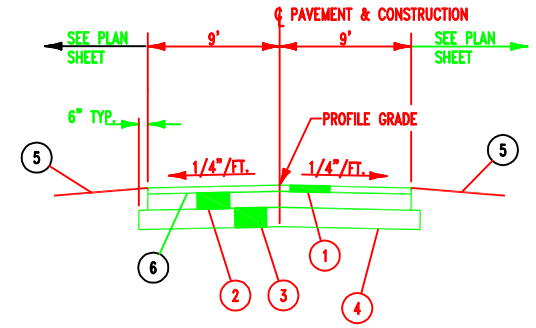


TYPICAL ROADWAY SECTION

NOT TO SCALE

1+50 TO 1+75 & 2+25 TO 2+50

FEATHER ASPHALT FROM 1+25 TO 1+50 & 2+50 TO 2+75



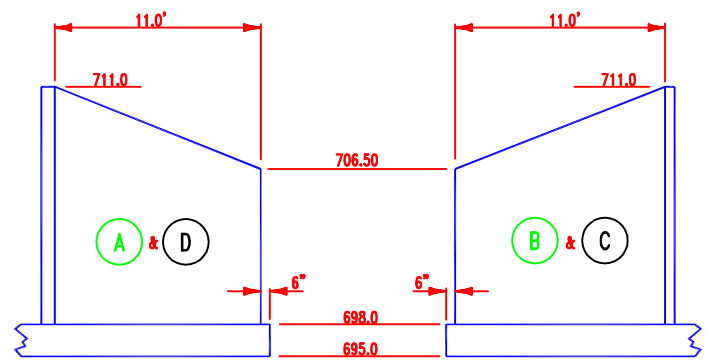
TYPICAL PAVEMENT SECTION

1+75 TO 1+90.68 & 2+09.32 TO 2+25

NOT TO SCALE

LEGEND

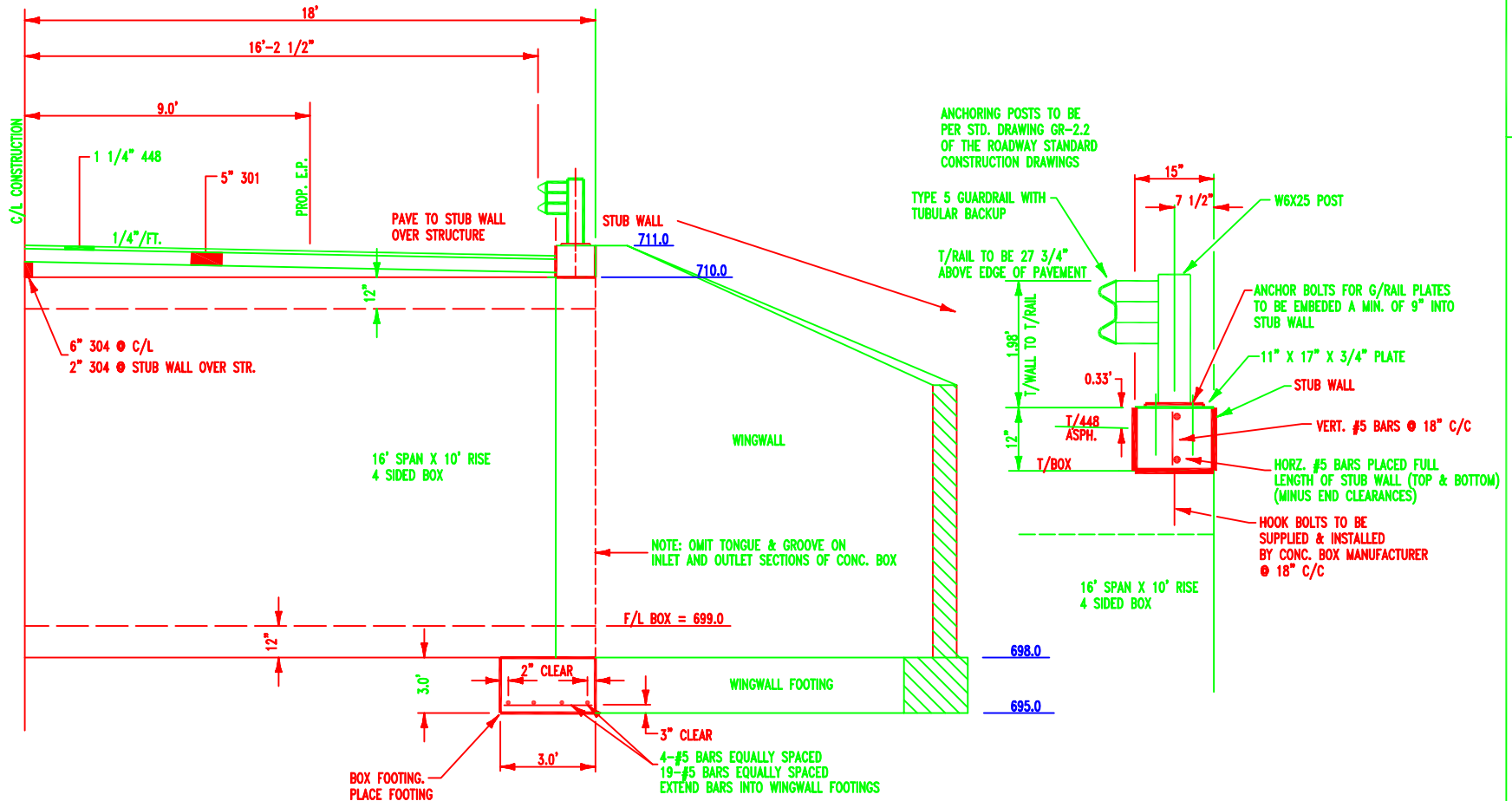
1. ITEM 448, 1 1/4" ASPHALT CONCRETE SURFACE COURSE
2. ITEM 301, 5" ASPHALT CONCRETE BASE
3. ITEM 304, 6" AGGREGATE BASE
4. ITEM 204, SUBGRADE COMPACTION
5. ITEM 659, SEEDING & MULCHING (BY COUNTY FORCES)
6. ITEM 407, TACK COAT, APPLIED AT THE RATE OF 0.05 GAL/S.Y.



WINGWALL DETAILS

NO SCALE

REINFORCING STEEL LAYOUT TO BE PER TABLE BELOW
IF CAST IN PLACE METHOD IS USED. REINFORCING STEEL SHALL BE GRADE 60 & EPOXY COATED
ALL CONCRETE TO BE CLASS C
PROVIDE 1" X 45° CHAMFER ON ALL EXPOSED EDGES
SEE CAST IN PLACE ALTERNATE NOTE
ON GENERAL NOTES SHEET

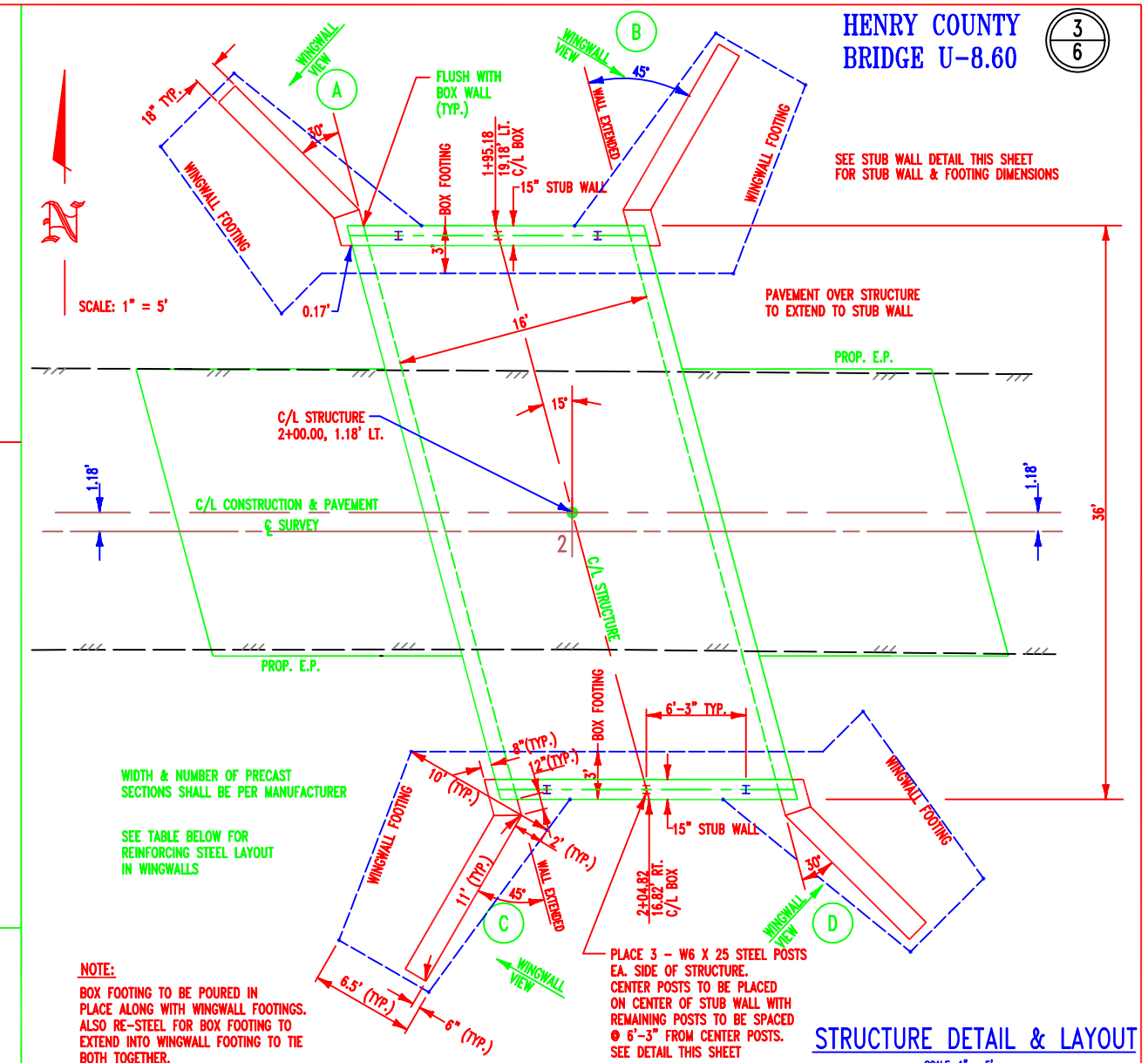


HALF TRANSVERSE SECTION, STUB & CUTOFF WALL DETAIL

NO SCALE

HENRY COUNTY BRIDGE U-8.60

3/6



WIDTH & NUMBER OF PRECAST SECTIONS SHALL BE PER MANUFACTURER

SEE TABLE BELOW FOR REINFORCING STEEL LAYOUT IN WINGWALLS

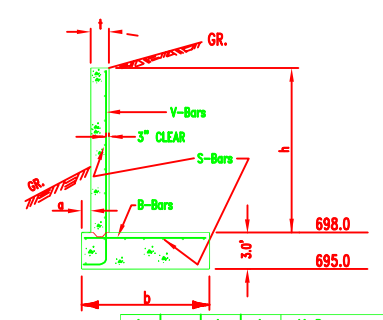
NOTE:

BOX FOOTING TO BE POURED IN PLACE ALONG WITH WINGWALL FOOTINGS. ALSO RE-STEEL FOR BOX FOOTING TO EXTEND INTO WINGWALL FOOTING TO TIE BOTH TOGETHER.

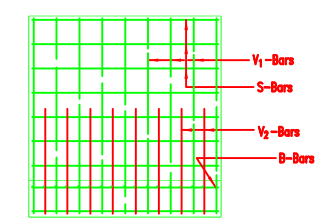
PLACE 3 - W6 X 25 STEEL POSTS EA. SIDE OF STRUCTURE. CENTER POSTS TO BE PLACED ON CENTER OF STUB WALL WITH REMAINING POSTS TO BE SPACED @ 6'-3" FROM CENTER POSTS. SEE DETAIL THIS SHEET

STRUCTURE DETAIL & LAYOUT

SCALE: 1" = 5'



Note: Spacing of S-Bars is approx. Use tabular number of bars and space evenly with 2" cover.



FOOTING NOTE:

EXTEND "B" & "S" BARS INTO BOX FOOTINGS

h (ft.)	a (in.)	b (ft.-in.)	t (in.)	V-Bars Size	V-Bars Spacing	Lengths V1 Bars	Lengths V2 Bars	B-Bars Size	B-Bars Spacing	B-Bars Length	S-Bars Size	S-Bars Spacing
5	6"	3-6	12	#3	10"	8'-10"		#3	10"	3'-2"	#3	12"
6	6"	4-3	12	#4	10"	9'-10"		#4	10"	3'-10"	#3	12"
7	6"	5-0	12	#4	7"	10'-10"		#4	7"	4'-8"	#3	12"
8	6"	6-0	12	#5	7"	12'-1"	8'-2"	#5	9"	5'-8"	#3	12"
9	6"	7-0	15	#5	7"	13'-1"	8'-7"	#5	7"	6'-8"	#3	12"
10	6"	7-9	15	#6	9"	14'-1"	9'-1"	#6	9"	7'-4"	#3	12"
11	12"	8-6	18	#6	9"	15'-10"	10'-3"	#6	7"	8'-0"	#4	12"
12	18"	9-3	18	#6	9"	17'-4"	11'-4"	#7	9"	8'-9"	#4	12"
13	24"	10-0	18	#7	9"	19'-0"	12'-6"	#7	7"	9'-6"	#4	12"
14	30"	11-0	21	#7	9"	20'-7"	13'-7"	#8	9"	10'-6"	#5	12"
15	36"	12-6	21	#8	9"	22'-1"	14'-7"	#8	7"	12'-0"	#5	12"
16	42"	14-6	24	#8	9"	23'-10"	15'-10"	#8	6"	14'-0"	#5	12"

WINGWALL NOTES:

IF CAST IN PLACE METHOD IS USED. REINFORCING STEEL SHALL BE GRADE 60 & EPOXY COATED
ALL CONCRETE TO BE CLASS C
PROVIDE 1" X 45° CHAMFER ON ALL EXPOSED EDGES
SEE CAST IN PLACE ALTERNATE NOTE
ON GENERAL NOTES SHEET

DEPARTMENT OF HIGHWAYS
HENRY COUNTY, OHIO

TYPICAL SECTIONS STRUCTURE DETAILS

BRIDGE NO. HEN U-8.60
OVER DITCH 946
FREEDOM TWP.

Designed:	Drawn:	Checked:	FileName
HEN. CO. ENG.	SK	R.L.G.	R13/BRIDGES/U-860/TYP