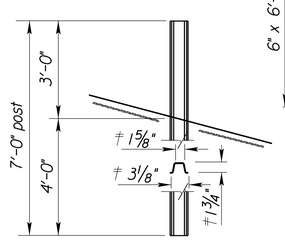
GUIDE POST

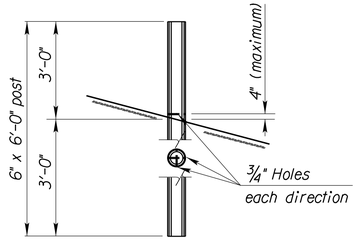
Wood Guide Posts: Apply a preservative treatment conforming to the KDOT Specifications to the posts. Use only one type of preservative treatment on a project. Apply two coats of aluminum paint to the top 18" of the posts. Apply one coat of International Orange paint to the top 12" of the posts. State forces will apply reflectorized material.

Metal Guide Posts: Posts shall conform to the KDOT Specifications. Posts shall have a galvanized or baked enamel coating. Apply one coat of International Orange paint to the top 12" of the posts.

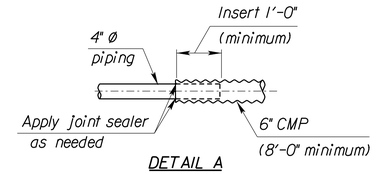


Metal Guide Post Option
7'-0" at 3.0 lbs/ft.
flanged channel

≠ Nominal dimension.

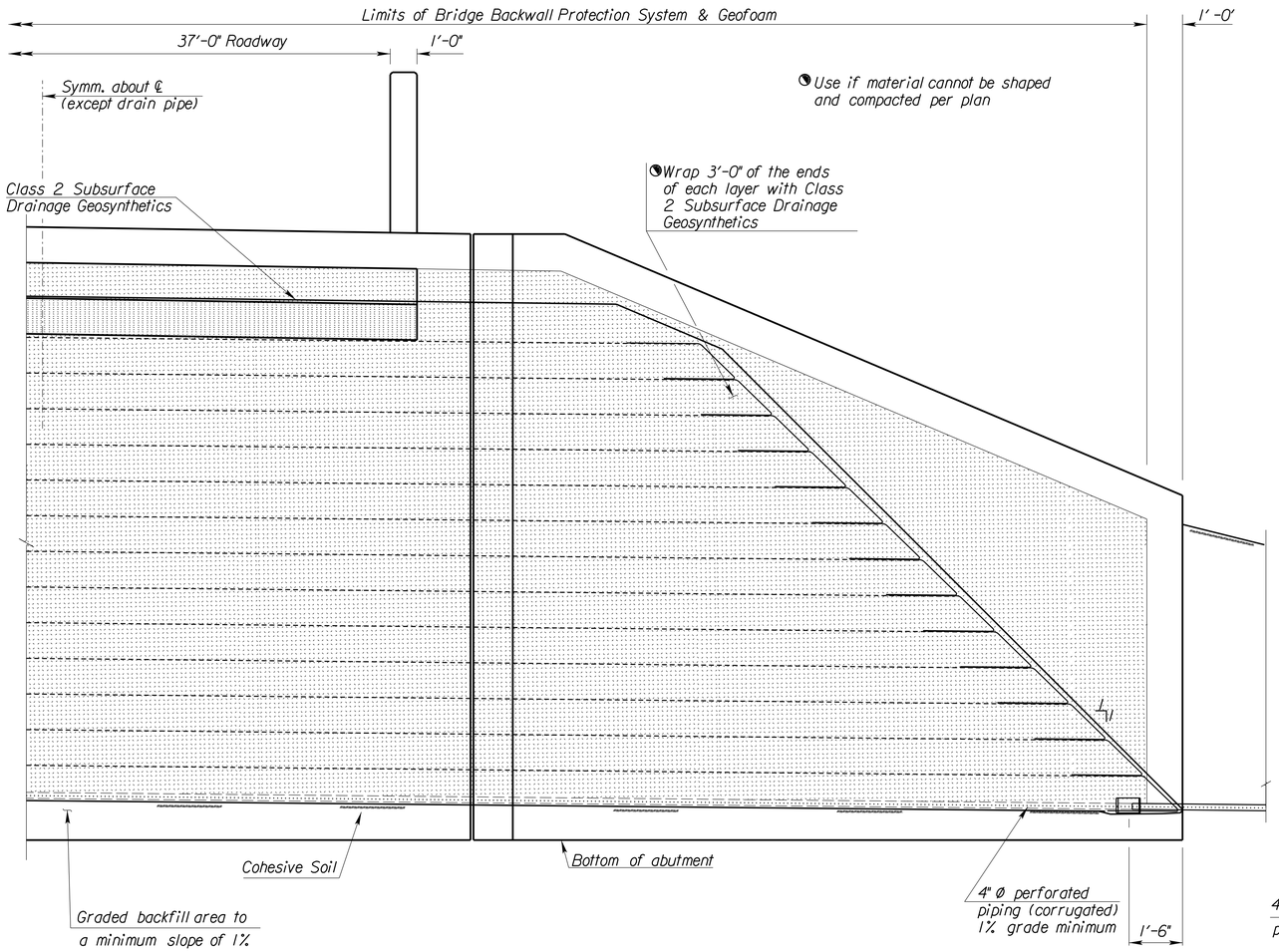


Wood Guide Post Option
(6" Ø x 6'-0")

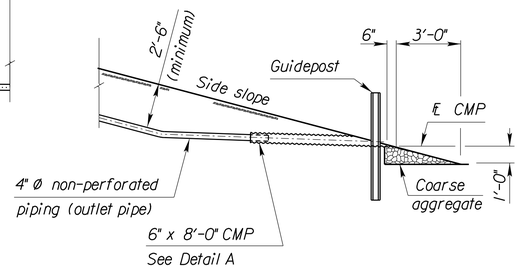


DETAIL A

Note: Place the CMP flowline 1'-0" above ditch flowline, toe of sideslope, or as shown on the Construction Layout. For stream crossings place outlet on downstream side of bridge.



ELEVATION
(Section B-B)



SUMMARY OF QUANTITIES (BOTH ABUTMENTS)	
Abutment Aggregate Drain	1,070.4 Cu. Yds.
Bridge Backwall Protection System	367.1 Sq. Yds.
Items subsidiary to Abutment Aggregate Drain	
4" Ø Perforated Pipe	193 Lin. Ft.
4" Ø Outlet Pipe	200 Lin. Ft.
6" Ø CMP	16 Lin. Ft.
Guide Post	2 Each
Soil Cap	63 Cu. Yds.
Geosynthetics (Class 2 Subsurface Drainage)	1,251 Sq. Yds.
Geosynthetics (Base Course Reinforcement)	3,135 Sq. Yds.
Geofoam	162 Cu. Yds.

CITY OF WICHITA

wsp

HARRY STREET BRIDGE
OVER ARKANSAS RIVER

ABUTMENT AGGREGATE DRAIN DETAILS II

STRUCTURE NO. 430400876 30AR40

REVISIONS			
NO.	DATE	DESCRIPTION	

PROJ NO:	35838B
SCALE:	AS NOTED
DATE:	-
DESIGNED BY:	- -
DRAWN BY:	- -
CHECKED BY:	-
YEAR:	2019

SHEET NO
54
SHEET 54 OF 135

Plotted : 10/3/2019 2:14:08 PM File : T:\35838A-COW_HarrySt\Bridge\Cadd\Sheets\Structures\838BR104AA2.dgn