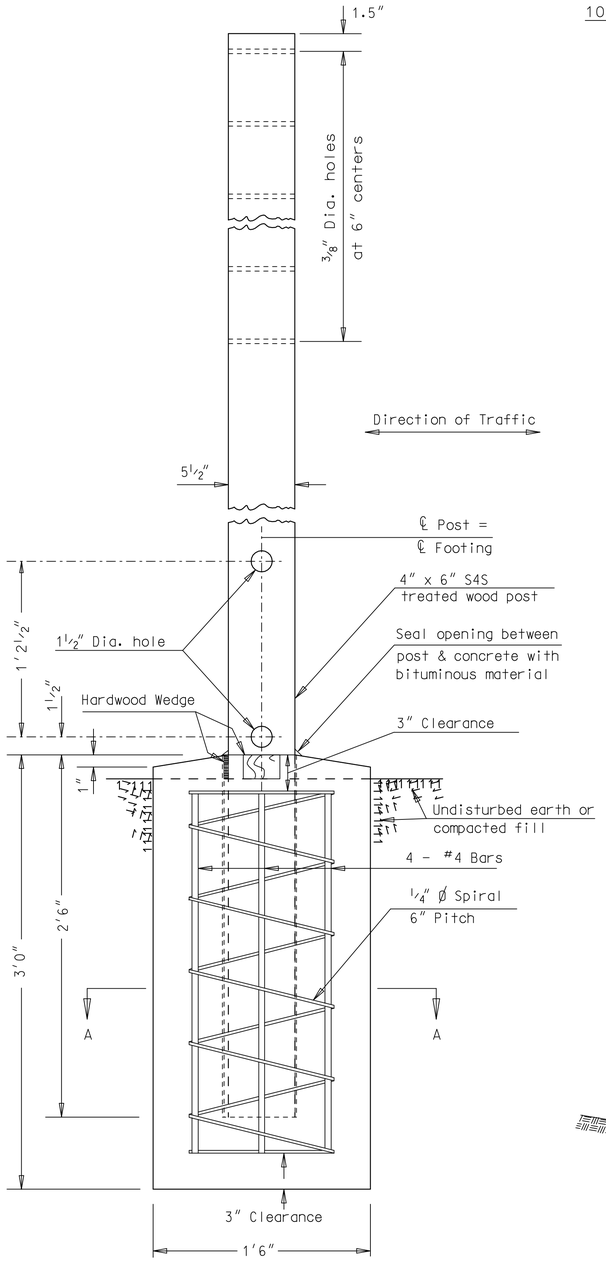
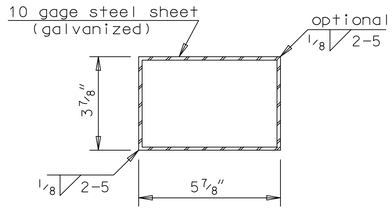
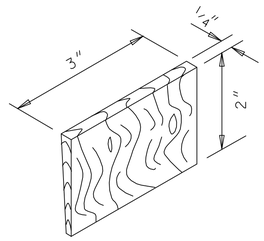
STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84639	2008	83	142



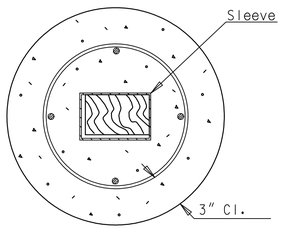
SIDE ELEVATION



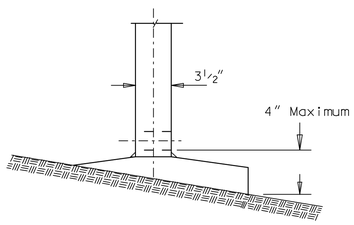
SECTION THRU SLEEVE



HARDWOOD WEDGE



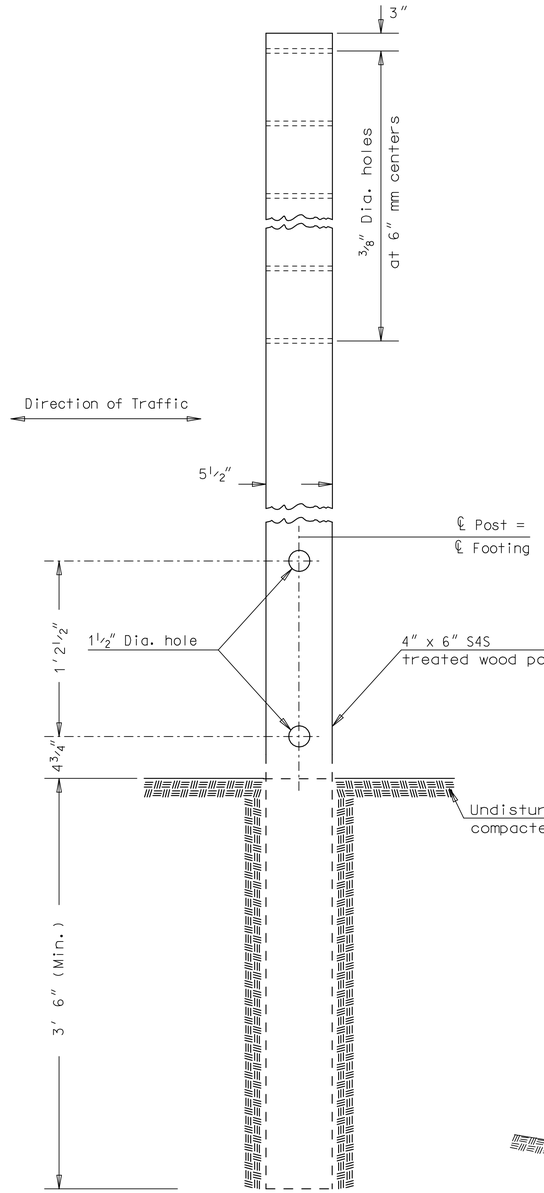
SECTION A-A



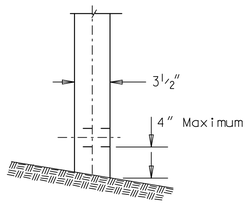
FRONT ELEVATION

NOTE:
Commercial Grade concrete may be substituted for Grade 25 concrete for sign support footings.

WOOD POST IN CONCRETE FOOTING



SIDE ELEVATION



FRONT ELEVATION

WOOD POST IN SOIL

GENERAL NOTES

Design conforms with ASHTO "Standard Specifications for Structural Supports for Signs, Luminaires, and Traffic Signals 2002". Foundation design conforms with "Design Procedure Compared to Full-Scale Tests of Drilled Shaft Footings", Texas Transportation Institute, February 1970.

The post sleeve shall be formed from steel sheet which was produced to meet the requirements of ASTM A653M and zinc coated to meet the requirements of coating designation A123. It is permissible to close the bottom of the sleeve with a metal plate. Basis of acceptance shall be visual inspection of the finished sleeve and determination of zinc thickness by magnetic gage.

All sign mounting holes in the wood posts shall be drilled prior to treating.

Breakaway holes and field cuts shall be treated in accordance with the preservative treatment specifications.

Prior to sealing the opening between the wood post and the top of the concrete footing, place two hardwood wedges into the opening on two adjacent sides of post and force down to within 3/8" of top of footing.

NOTE TO THE ENGINEER:
The intent of the "Roadside Design Guide" and these plans is to have a 4" or less projection above the ground line after impact.

All dimensions in inches unless otherwise noted.

NO.	DATE	REVISIONS	BY	APP'D
3				
2				
1				

KANSAS DEPARTMENT OF TRANSPORTATION

DETAILS FOR WOOD POSTS

TE460 07-01-03

FHWA APPROVAL 07-22-2003		APP'D Steven A. Buckley	
DESIGNED DDG	DETAILED XXX	QUANTITIES	TRACED
DESIGN CK. SAB	DETAIL CK. DDG	QUAN. CK.	TRACE CK.

Plotted By : drp
Plot File : I:\2006\06655\Standards\06655-TE460.dgn
Plot Date : 1/16/2008
$$KDOTGRP$$, 6th Floor