



STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
DESIGN DIVISION
NASHVILLE, TENNESSEE 37243-0348

INSTRUCTIONAL BULLETIN NO. 08-08

Regarding the New Standard Drawing High Visibility Fence

Effective immediately, the new standard drawing S-F-1 should be used for marking the boundaries of sensitive areas as requested by the Environmental Division.

Until the drawing is added to the standard drawings, it is to be printed with the plans. The drawings shall be identified on the lower left side of the index sheet **“To be printed with plans”**.

Copy of the new standard drawing is attached. The Metric version of the subject Standard Drawing may be obtained by calling the Quality Assurance and Standards Office at (615)741-2806.

ROADWAY DESIGN STANDARDS – ENGLISH

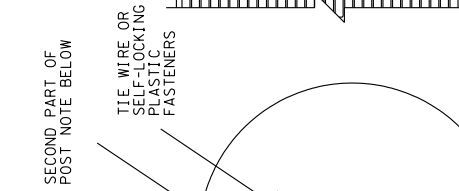
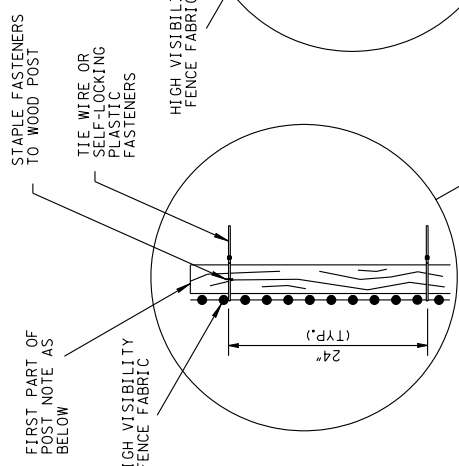
<u>Drawing Number</u>	<u>Current Revision Date</u>	<u>Drawing Title</u>
S-F-1		High Visibility Fence

Original signed by Jeff C. Jones
Jeff C. Jones, Civil Engineering Director
Design Division

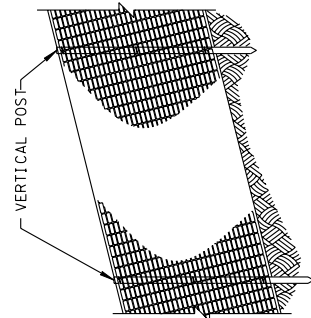
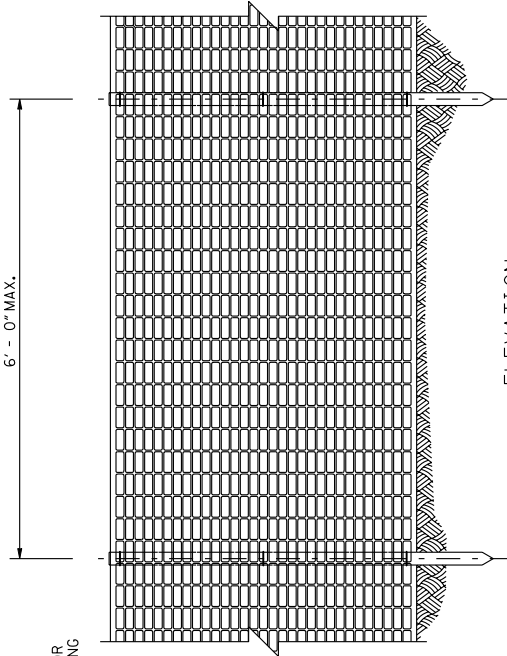
May 6, 2008
JCJ:arh
Attachment

FIRST PART OF POST, NOTE AS BELOW

SECOND PART OF POST, NOTE BELOW

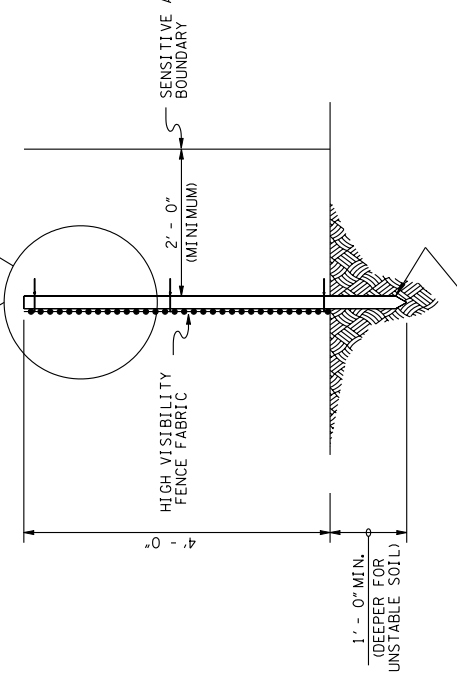
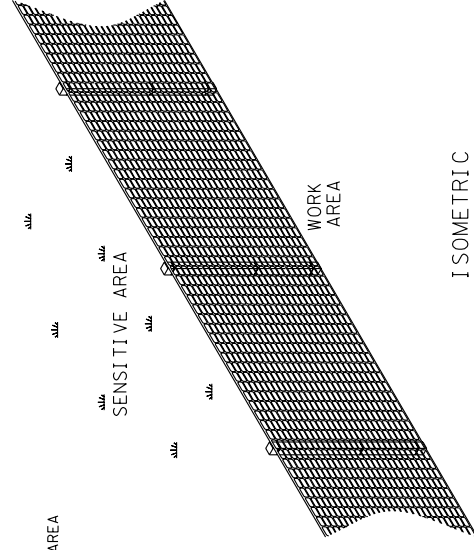


6' - 0" MAX.



ELEVATION

- GENERAL NOTES
- ① HIGH VISIBILITY FENCE IS INTENDED TO BE PLACED TO PREVENT DISTURBANCE OF SENSITIVE AREAS, THEIR BUFFERS AND OTHER AREAS REQUIRED TO BE LEFT UNDISTURBED DURING CONSTRUCTION. IT MAY ALSO BE USED TO MARK APPROVED CLEARING LIMITS AND TO CONTROL VEHICLE ACCESS TO AND ON THE PROJECT SITE.
 - ② HIGH VISIBILITY FENCE FABRIC SHALL BE MACHINED, PRODUCED ORANGE COLORED MESH MANUFACTURED FROM POLYPROPYLENE OR POLYETHYLENE. IT SHALL BE FULLY STABILIZED ULTRAVIOLET RESISTANT.
 - ③ HIGH VISIBILITY FENCE FABRIC MAY BE MADE FROM RECYCLED MATERIALS. MATERIALS SHALL NOT CONTAIN BIODEGRADABLE FILLER MATERIALS THAT CAN DEGRADE THE PHYSICAL OR CHEMICAL CHARACTERISTICS OF THE FINISHED FABRIC.
 - ④ HIGH VISIBILITY FENCE FABRIC SHALL HAVE A MINIMUM 4 FOOT WIDTH AND SHALL BE FURNISHED IN ONE CONTINUOUS WIDTH AND SHALL NOT BE SPLICED TO CONFORM TO THE SPECIFIED WIDTH DIMENSION.
 - ⑤ STEEL POST SHALL BE ROLLED FROM HIGH CARBON STEEL AND SHALL HAVE A MINIMUM WEIGHT OF 25 LB/FT. POST SHALL BE HOT-DIPPED GALVANIZED OR PAINT. STEEL POST MAY BE EQUIPPED WITH AN ANCHOR PLATE HAVING A MINIMUM AREA OF 14 SQUARE INCHES. IF POSTS ANCHOR PLATES USED THEY SHALL CONFORM TO THE REQUIREMENTS OF ASTM A702.
 - ⑥ HIGH VISIBILITY FENCE FABRIC SHALL BE FASTENED TO THE POST USING TIE WIRE OR SELF-LOCKING PLASTIC FASTENERS WITH A MAXIMUM FASTENERS SPACING OF 2 FEET. WHEN WOOD POSTS ARE USED THE FASTENERS SHALL BE STAPLED TO THE POST.
 - ⑦ HIGH VISIBILITY FENCE THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONSTRUCTORS EXPENSE ON THE SAME DAY THE DAMAGE OCCURS.
 - ⑧ HIGH VISIBILITY FENCE SHALL BE PAID FOR UNDER THE FOLLOWING ITEM NUMBER: 707-08.11 HIGH VISIBILITY CONSTRUCTION FENCE, PER LF. PAYMENT SHALL INCLUDE ALL MATERIALS AND LABOR NECESSARY FOR CONSTRUCTION MAINTENANCE, AND REMOVAL OF HIGH VISIBILITY FENCE.



MIN. 2.25" (NOMINAL) X 2.25" (NOMINAL) - (1.75" ACTUAL X 1.75" ACTUAL) (3.06 SO. IN. O HARDWOOD POST (OAK OR HICKORY) OR MIN. 1.25 LB/FT. STEEL POST (STD "T" OR "U" SECTION) LENGTH 60"