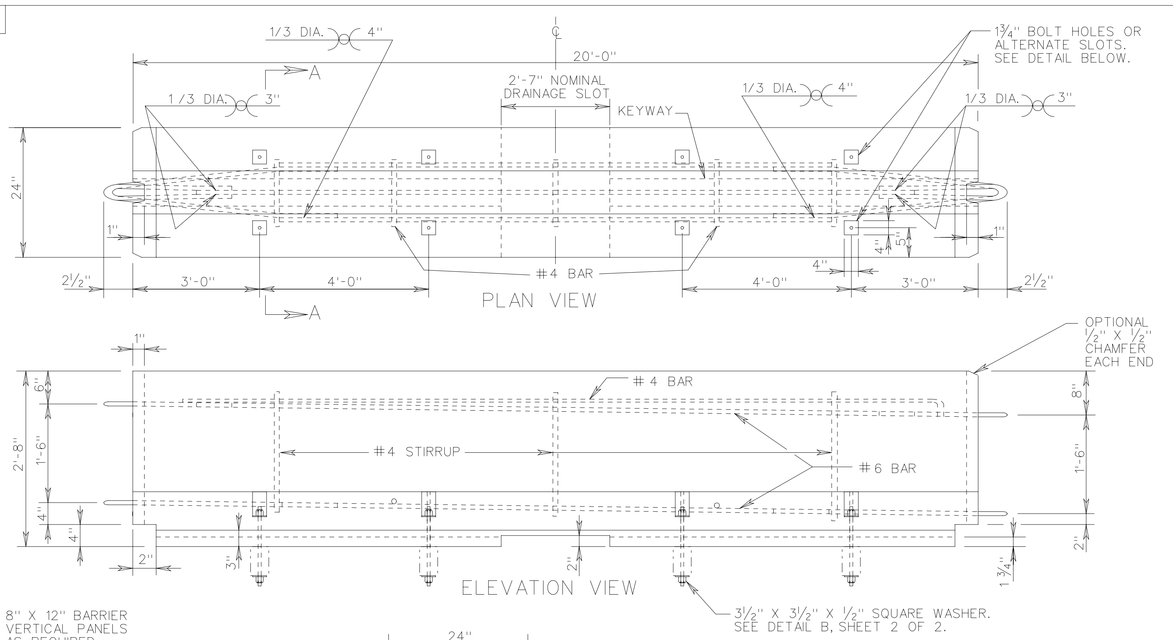
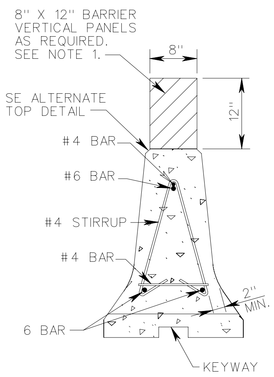
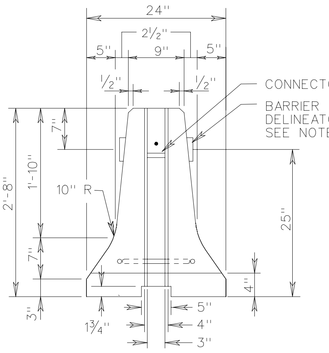
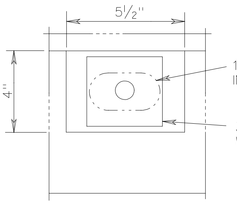
$TIME$STAMP$

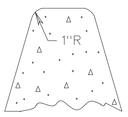
MB-11A











SHEET 1 OF 3

TRAFFIC BARRIER SERVICE CONCRETE PARAPET (DOUBLE FACE) (FOR TEMPORARY INSTALLATION ON BRIDGE DECK EXTERIOR)

REV. 9/06

501.53

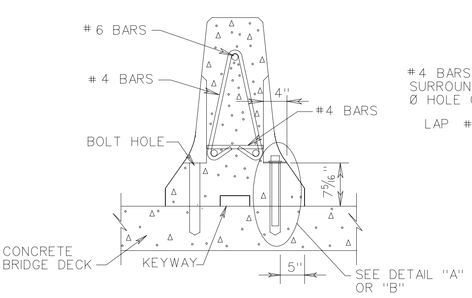
VIRGINIA DEPARTMENT OF TRANSPORTATION

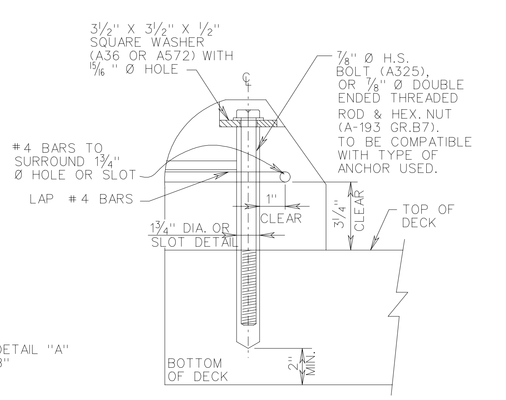
SPECIFICATION REFERENCE: 105, 512

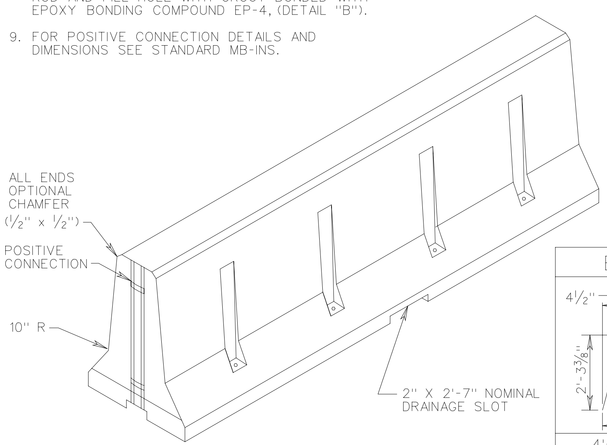
MB-11A

NOTES:

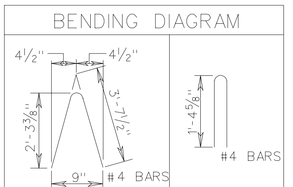
1. BARRIER DELINEATOR IS TO BE SPACED IN ACCORDANCE WITH SECTION 702 OF THE ROAD AND BRIDGE SPECIFICATIONS AND THE BARRIER VERTICAL PANELS ARE TO BE SPACED IN ACCORDANCE WITH THE VIRGINIA WORK AREA PROTECTION MANUAL.
2. REFLECTIVE SURFACE, IN ALL INSTANCES, ARE TO BE FACING ONCOMING TRAFFIC.
3. COST OF BARRIER DELINEATOR AND BARRIER VERTICAL PANELS ARE TO BE INCLUDED IN PRICE BID PER LINEAR FOOT OF BARRIER SERVICE.
4. ANCHOR BOLTS SHALL BE INSTALLED ON TRAFFIC SIDE.
5. CONCRETE 4000 PSI. (MIN.)
6. WELDED WIRE FABRIC MAY BE ONE SHEET BENT TO FIT CONFIGURATION OR TWO SEPARATE SHEETS, ONE ON EACH FACE.
7. ANCHOR SYSTEM SHOWN IN DETAIL "A" SHALL BE TESTED TO PROVIDE A MINIMUM PULLOUT OF 32,000 LBS. AND INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
8. AFTER REMOVING TEMPORARY BARRIER, CUT ⅞" Ø BOLT OR THREADED ROD AS LOW AS PRACTICAL BELOW ROADWAY SURFACE AND FILL RECESS WITH EPOXY BONDING COMPOUND EP-4 (DETAIL "A") OR REMOVE ⅞" Ø BOLT OR THREADED ROD AND FILL HOLE WITH GROUT BONDED WITH EPOXY BONDING COMPOUND EP-4, (DETAIL "B").
9. FOR POSITIVE CONNECTION DETAILS AND DIMENSIONS SEE STANDARD MB-INS.





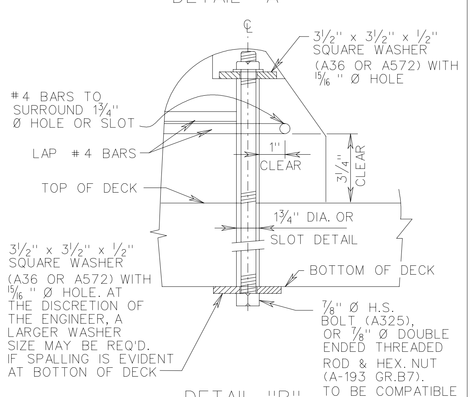


BENDING DIAGRAM



4'-8" LENGTH 2½" PIN Ø	3'-0" LENGTH 4½" PIN Ø

DIMENSIONS IN BENDING DIAGRAMS ARE OUT-TO-OUT OF BARS.



SHEET 2 OF 3

TRAFFIC BARRIER SERVICE CONCRETE PARAPET (DOUBLE FACE) (FOR TEMPORARY INSTALLATION ON BRIDGE DECK EXTERIOR)

REV. 9/06

501.54

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE: 105, 512

SPECIAL DESIGN SECTION DRAWING NO. 1165-A REV. 9/06

PLAN NO. | PROJECT | FILE NO. | SHEET NO.

DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT

REVISED | STATE | FEDERAL AID PROJECT | ROUTE | STATE PROJECT | SHEET NO.

SURVEYED BY:
SUPERVISED BY:
DESIGNED BY:

DON $DONLEY
$REF001 $LEV001
$REF002 $LEV002
$REF003 $LEV003
$REF004 $LEV004
$REF005 $LEV005
$REF006 $LEV006