



REVISIONS		
No.	Remarks	Date
0	Initial submittal	5/22/06
1	Final copy w/Approved as Noted Corrections	6/20/06

VTrans - PDD
JUL 05 2006
Structures Design
Section
RECORD PLANS

HIGHWAY SAFETY CORP.
GLASTONBURY, CT

ITEM # 525.43 FASCIA MOUNTED HDSB w/ HAND RAILING
TOWN OF WALLINGFORD
COUNTY OF RUTLAND
PROJECT BRO 1443 (31)

DRAWN C CRAMER
CHECKED
DATE 5/17/06
SCALE NTS
HSC REFERENCE NO. 1548
SIZE D REVISION 1
SHEET NO. 2 of 2

GENERAL CONTRACTOR
SUB CONTRACTOR FR LAFAYETTE, INC



NOTES

- SEE STANDARD G-1M & G-1dM FOR ADDITIONAL DETAILS OF STEEL BEAM GUARD RAIL AND STANDARD SB-R40-82M FOR ADDITIONAL DETAILS OF BOX BEAM GUARD RAIL.
- ANCHOR BOLTS, NUTS, AND WASHERS SHALL BE GALVANIZED AND CONFORM TO SECTION 714.07.
- BRIDGE RAIL TYPES A, C & E: HEAVY DUTY STEEL BEAM RAIL SHALL BE AASHTO M180, CLASS B TYPE-II. POST AND BRACKETS, AS WELL AS PLATE AND SPECIAL WASHERS, SHALL BE AASHTO M223/M223M STEEL. BOLTS SHALL BE ASTM A307. ALL MATERIAL SHALL BE GALVANIZED PRIOR TO FABRICATION TO AASHTO M111 OR M232 (HARDWARE).
- BRIDGE RAIL TYPE B & D: HEAVY DUTY STEEL BEAM RAIL SHALL BE AASHTO M180, CLASS B-TYPE 4. POSTS AND BRACKETS AS WELL AS PLATE AND SPECIAL WASHERS, SHALL BE AASHTO M222/M222M STEEL. BOLTS SHALL BE AASHTO M164 TYPE III.
- ALL POSTS SHALL BE SET TO NORMAL GRADE.
- BRIDGE APPROACH RAIL HEIGHT SHALL BE TRANSITIONED TO NORMAL ROADWAY HEIGHT IN 7.62M.
- APPROACH RAILING SHALL BE HEAVY DUTY STEEL BEAM AS DETAILED ON THE CONTRACT PLANS.
- FOR THE TYPE A,B,C, OR D BRIDGE RAILING, THE TRANSITION POST SHALL HAVE AN OFFSET BLOCK AND BE LOCATED AS CLOSE AS PRACTICAL TO THE MID POINT BETWEEN THE BRIDGE END POST AND APPROACH RAIL POST I.
- SPLICES SHALL LAP IN DIRECTION OF TRAFFIC FLOW.
- SEE STANDARD SHEET G-1M FOR DELINEATOR DETAILS AND PLACEMENT.
- ERECT DELINEATOR ON EVERY FIFTH POST OR APPROXIMATELY 9M FEET APART. PAYMENT SHALL BE SUBSIDIARY TO OTHER ITEMS.
- THE DROP WEIGHT TEAR TEST IN SECTION 732 SHALL NOT APPLY TO THE STRUCTURAL TUBING.