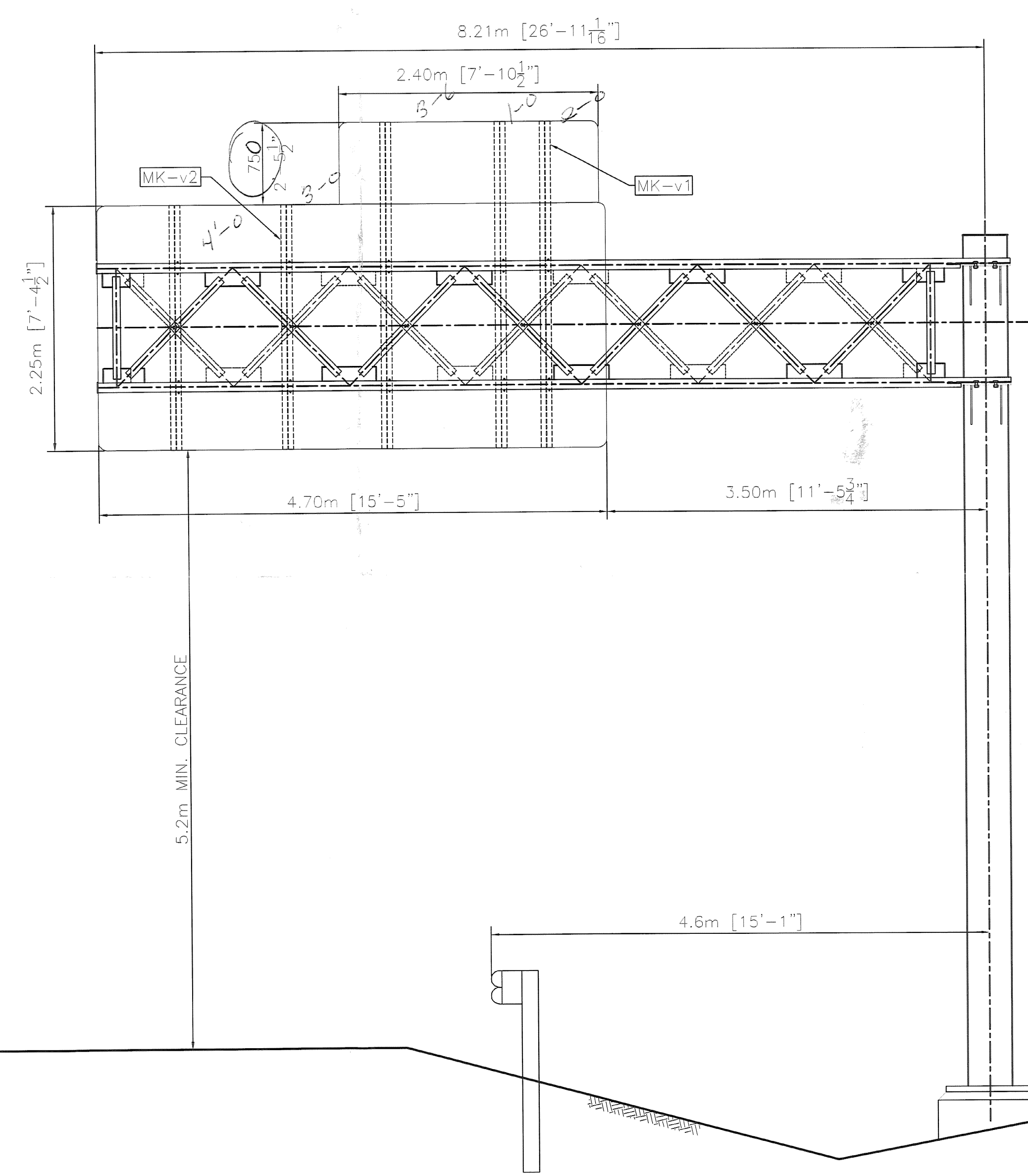


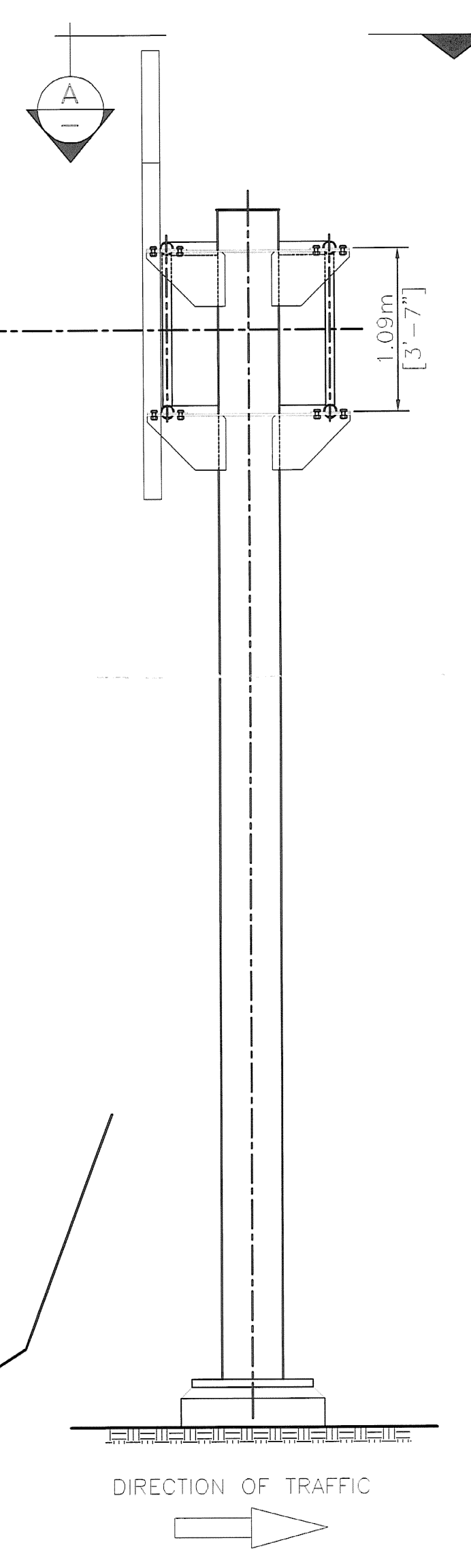
(A) VIEW

SIGN PANEL (BY OTHERS)



ELEVATION
NB I-91 STA.127.980

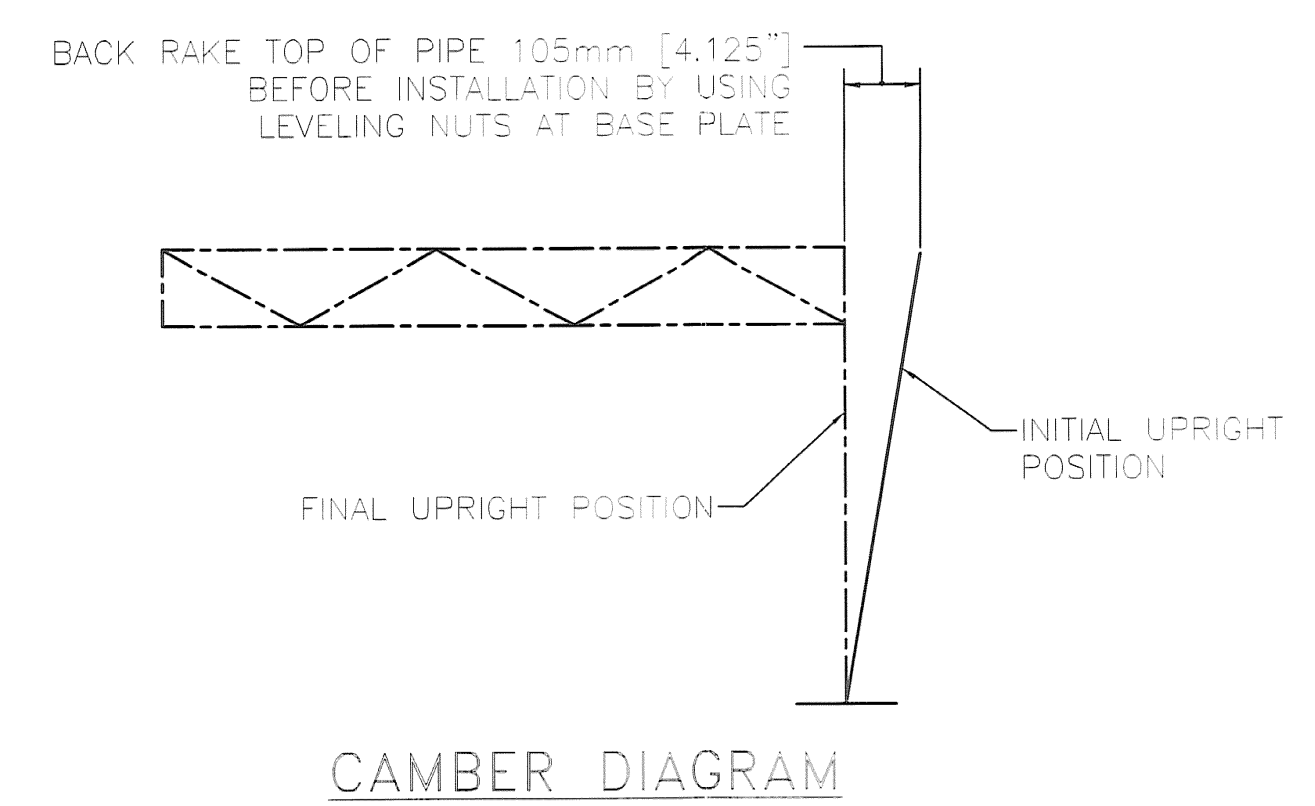
NOTE:
TOP OF FOOTING ELEVATION IS ASSUMED.
CONTRACTOR TO VERIFY ELEVATION BEFORE
FABRICATION.



SIDE ELEVATION

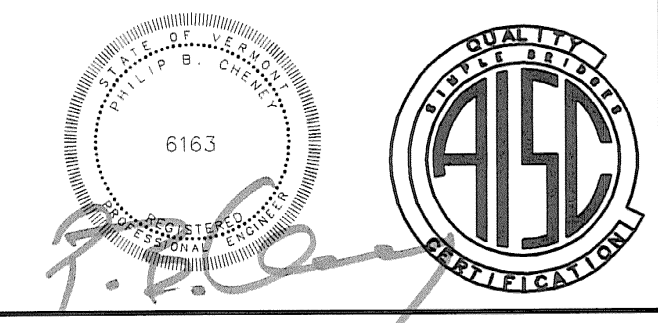
- NOTE:**
- STRUCTURE DESIGNED IN ACCORDANCE WITH LATEST EDITION AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS.
 - ALL HOLES FOR HIGH STRENGTH FASTENERS SHALL BE DRILLED OR SUB-PUNCHED FULL SIZE. SLOTTED HOLES AND/OR VENT OR ACCESS HOLES MAY BE CUT WITH MECHANICALLY GUIDED PLASMA OR MECHANICALLY GUIDED FLAME TORCH.
 - GRIND SHARP CORNERS OF ALL PLATES TO A 1/16" MIN. RADIUS PRIOR TO GALVANIZING.
 - ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH AWS D1.1.
 - ALL STEEL PLATES FOR STRUCTURAL COMPONENTS SHALL BE ASTM A709 GR. 50.
 - STEEL PLATES AND SHAPES FOR NON-STRUCTURAL COMPONENTS SHALL BE ASTM A709 GR. 36.
 - STEEL PIPES FOR STRUCTURAL MEMBERS SHALL HAVE MINIMUM YIELD OF 48 KSI AND SHALL CONFORM TO ONE OF THE FOLLOWING GRADES: ASTM A500 GR. B, A53 GR. B OR API 5LX42.
 - UNLESS OTHERWISE NOTED, ALL BOLTS FOR STRUCTURAL CONNECTIONS SHALL BE M164 TYPE 1 (A325).
 - GALVANIZED U-BOLTS FOR CONNECTION OF SIGN HANGER BEAMS TO TRUSS SHALL BE ASTM F-1554 GR. 36.
 - ALL STRUCTURAL STEEL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH AASHTO M111 (ASTM A123).
 - ALL HARDWARE, UNLESS OTHERWISE NOTED, SHALL BE HOT-DIPPED GALVANIZED PER AASHTO M232 (ASTM A153).
 - ANCHOR HARDWARE SHALL BE STAINLESS STEEL AND MEET REQUIREMENTS OF VAOT STANDARD SPECIFICATION 714.09.
 - CONCRETE AND REBAR SHOWN IN FOOTING DESIGN TO BE FURNISHED BY OTHERS.
 - FOUNDATION DESIGN BASED ON USE OF 3000 psi MINIMUM CONCRETE.
 - SPACE BETWEEN THE TOP OF CONCRETE AND THE BOTTOM OF STEEL BASE PLATE SHALL BE FILLED WITH TYPE IV MORTAR AFTER LEVELING.
 - BOLTS INSTALLED IN STRUCTURAL CONNECTIONS SHALL BE PROVIDED AND TENSIONED PER APPLICABLE PROVISIONS OF VDOT STANDARD SPECIFICATIONS SECTION 506.

42ksi
A53 GR B
Fu = 36 KSI
DESIGN = 42



CAMBER DIAGRAM

RECEIVED
GWC
MAY 28 2007
BY RVT
DATE 06/14/07



HIGHWAY SAFETY CORP.
GLASTONBURY, CT

| | |
|-------------|-----------------|
| PROJECT | MHM |
| DESIGNED BY | P. Rodice |
| DATE | 3/23/07 |
| COUNTY | CALEDONIA |
| SCALE | N.T.S. |
| PROJECT No. | AC IM 091-2(73) |
| PROJECT No. | 1587b |
| DATE | 0 |
| BY | F.R. LAFAYETTE |
| OF | 1 of 6 |

ALL DIMENSIONS SHOWN ARE IN MILLIMETER (mm), UNLESS OTHERWISE NOTED. DIMENSIONS SHOWN [] FOR REFERENCE ONLY.

| REVISIONS | | |
|-----------|-------------------|------|
| No. | Remarks | Date |
| 0 | Initial submittal | |