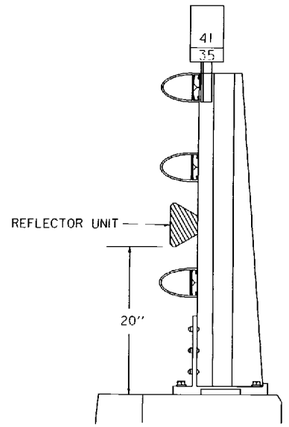
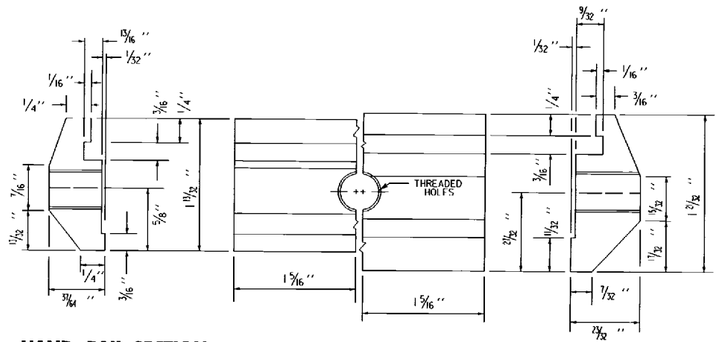


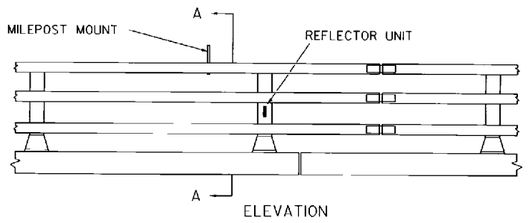
BARRIER RAIL SECTION A–A



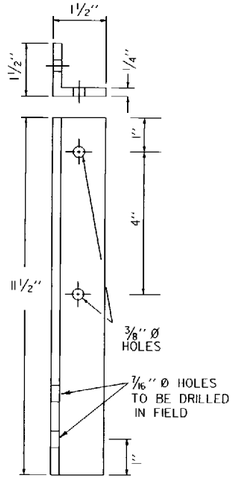
HAND RAIL SECTION
(2 REQUIRED)

DETAIL "A"
TOTAL LENGTH 2 5/8"
ASTM B-221 ALLOY 6061-T6 OR 6061-T5

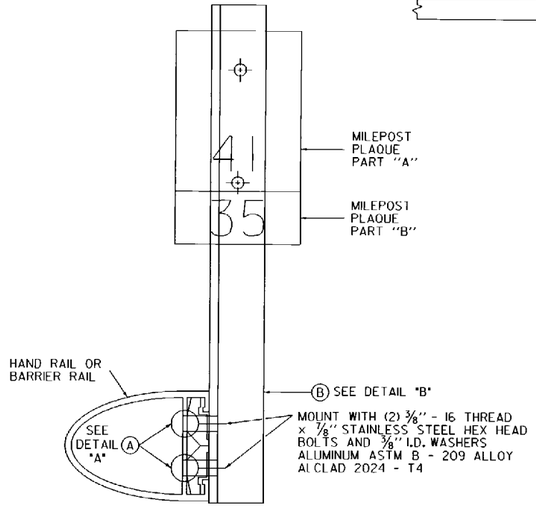
BARRIER RAIL SECTION
(2 REQUIRED)



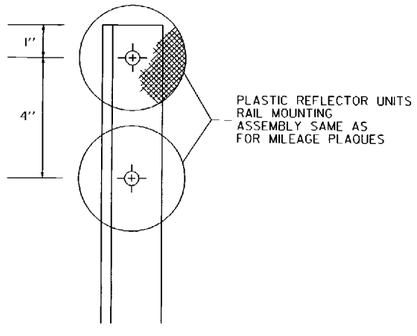
ELEVATION



DETAIL "B" ALUMINUM ANGLE
ASTM B - 308 ALLOY 6061-T6

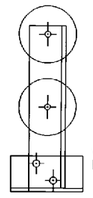


DETAIL FOR MOUNTING ON ALUMINUM BRIDGE RAIL



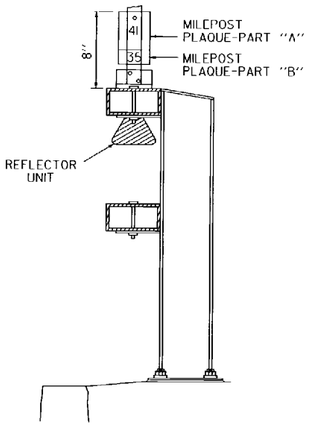
TYPE II DELINEATOR

TYPE II DELINEATORS WILL BE RAIL MOUNTED AT ONE-HUNDRED FOOT SPACING WHERE ACCELERATION OR DECELERATION LANES ARE CARRIED ACROSS STRUCTURES. ALSO SEE STANDARD E-198

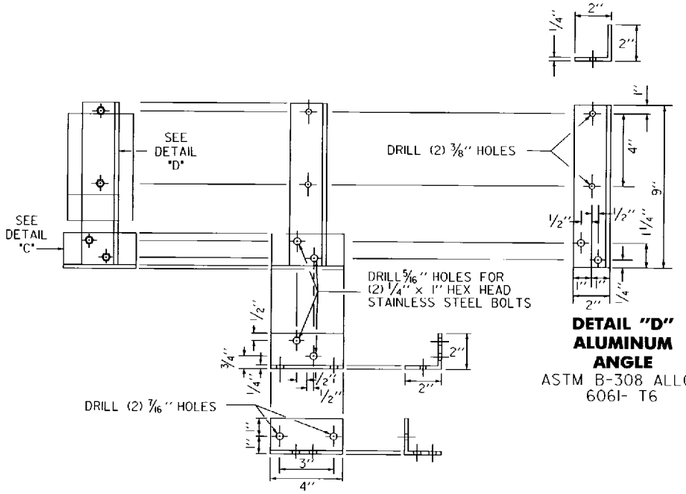


TYPE II DELINEATOR

TYPE II DELINEATORS WILL BE RAIL MOUNTED AT ONE-HUNDRED FOOT SPACING WHERE ACCELERATION OR DECELERATION LANES ARE CARRIED ACROSS STRUCTURES. ALSO SEE STANDARD E-198



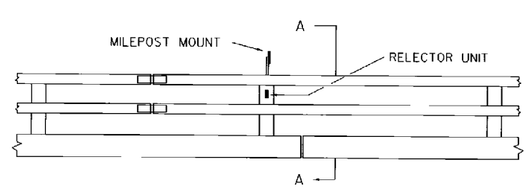
BARRIER RAIL SECTION A–A



DETAIL "C" ALUMINUM ANGLE
ASTM B-308 ALLOY 6061 T6

DETAIL "D" ALUMINUM ANGLE
ASTM B-308 ALLOY 6061- T6

MOUNT ON BRIDGE RAIL WITH (2) ⅜" x 1¼" STAINLESS STEEL SELF TAPPING SCREWS AND 3/4 " O.D. x ⅜" I.D. x 1/16" THICK WASHER. ALUMINUM ASTM B-209 ALLOY ALCLAD 2024-T4.



ELEVATION

DETAIL FOR MOUNTING ON BOX BEAM BRIDGE RAIL

THE REFLECTOR UNIT IS TO BE INSTALLED EVERY 30 FEET ON OR CLOSEST POST.

NOT TO SCALE

OTHER STDS. REQUIRED:

REVISIONS AND CORRECTIONS

SEPT. 10, 1987 - DATE OF ORIGINAL ISSUE
AUG. 18, 1995 - REVISED REFLECTOR UNIT LOCATION AND ADDED NOTE.

APPROVED FOR THIS PROJECT AND/OR DESIGN IMPLEMENTATION. FHWA FINAL APPROVAL PENDING.

APPROVED

Gordon S. MacArthur
DIRECTOR OF ENGINEERING

David A. Ross
TRAFFIC AND SAFETY ENGINEER

FREEWAY - EXPRESSWAY DELINEATOR AND MILEPOST MOUNTING ON BRIDGE RAIL

/traf/std/stdel99.dgn : stdel99.i

VERMONT AGENCY OF TRANSPORTATION

STANDARD E-199