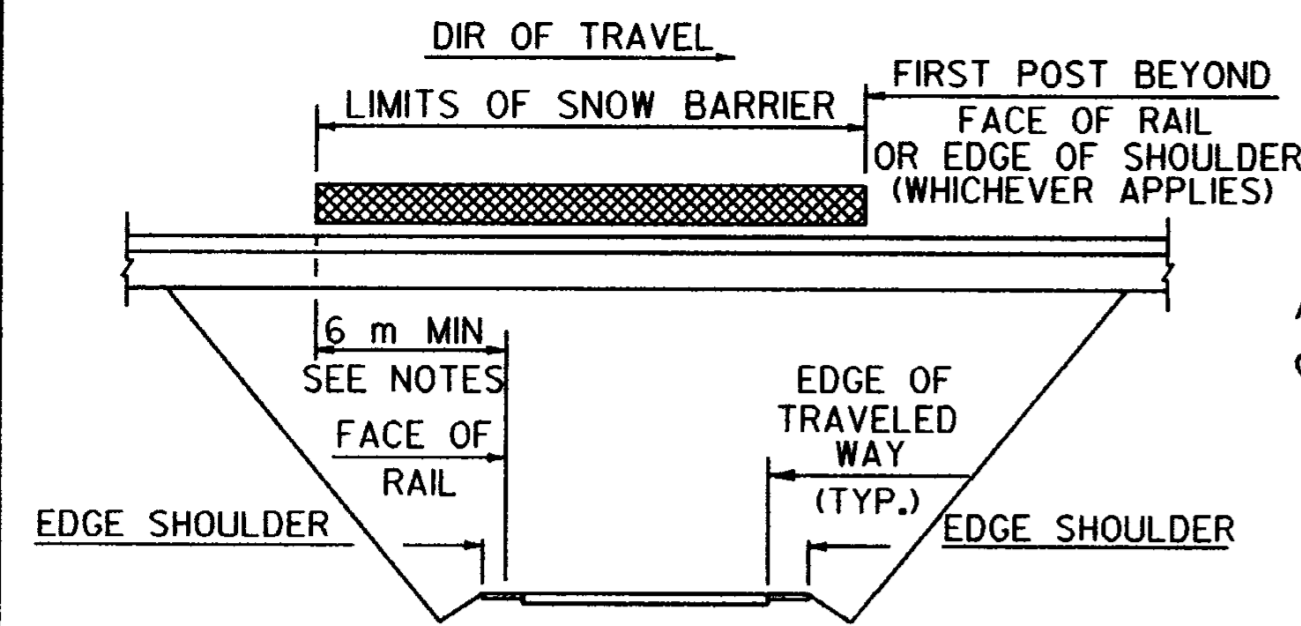


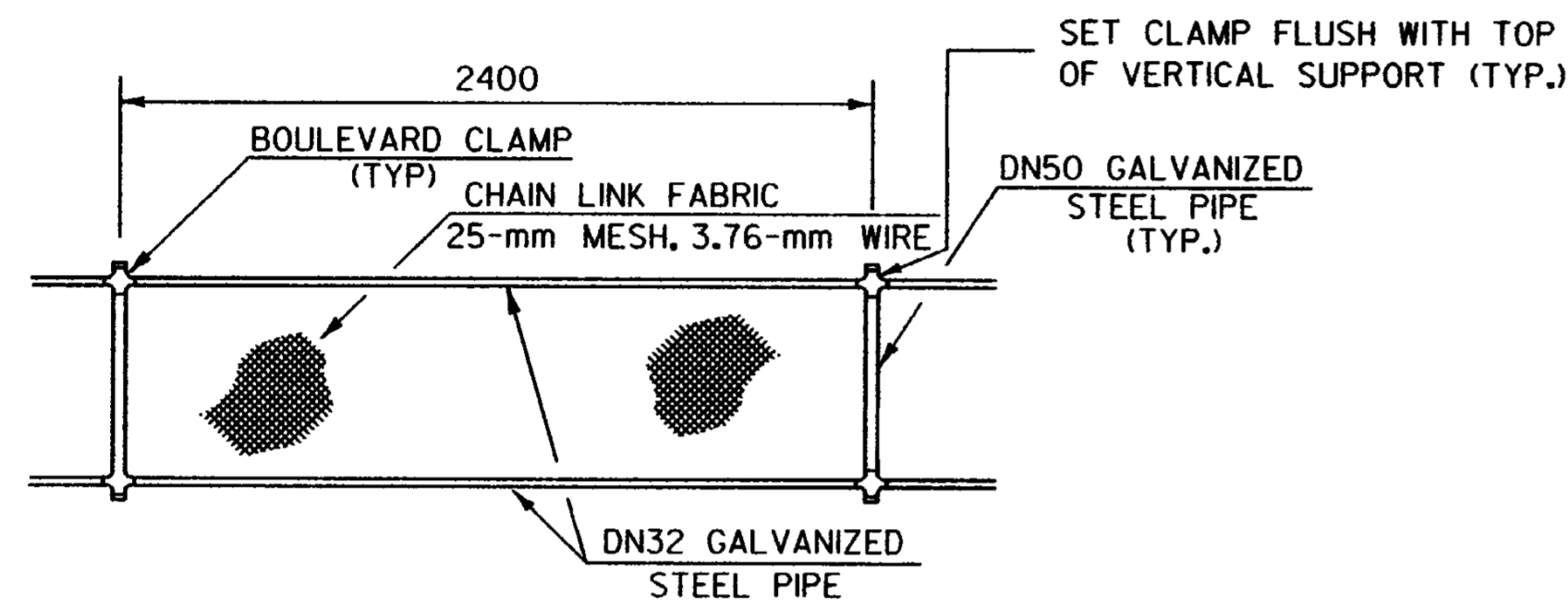
SNOW FENCE DETAILS (FOR USE IN CONJUNCTION WITH 3 RAIL ALUMINUM BRIDGE RAILING)

GENERAL NOTES

1. THREADS OF STUDS AND U-BOLTS TO BE M16 x 2.
2. ALL CONNECTION PLATES TO BE GALVANIZED AFTER FABRICATION.
3. DN32 PIPE LENGTH SHALL BE FIELD CUT TO FIT POST SPACING.
4. CHAIN LINK FABRIC TO BE KNUCKLED TOP AND BOTTOM.
5. ALL BOLTS, THREADED STUDS AND WASHERS SHALL CONFORM TO THE SPECIFICATIONS FOR ASTM F 568M, CLASS 4.6. NUTS SHALL CONFORM TO AASHTO M 291M.
6. ALL STEEL PLATES SHALL CONFORM TO THE SPECIFICATION FOR AASHTO M 270/M 270M, GRADE 250.
7. ALL GALVANIZING SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M 181 WITH HARDWARE AND FITTINGS CONFORMING TO THE REQUIREMENTS OF AASHTO M 111 OR AASHTO M 232 WHICHEVER IS APPLICABLE. ALL BOLTS, NUTS AND WASHERS SHALL BE EITHER HOT-DIP GALVANIZED IN ACCORDANCE WITH THE ABOVE AASHTO REQUIREMENTS OR MECHANICALLY GALVANIZED USING A MECHANICALLY DEPOSITED PROCESS CONFORMING TO THE REQUIREMENTS OF AASHTO M 298, CLASS 110.
8. GALVANIZED CHAIN-LINK FABRIC SHALL BE TYPE I (ZINC) CLASS D AS SPECIFIED IN AASHTO M 181.
9. SNOW BARRIER SHALL BEGIN AT THE BRIDGE RAIL POST WHICH WILL PROVIDE A MINIMUM DISTANCE OF 6 m (AS SHOWN) OR AS DIRECTED BY THE ENGINEER.
10. SEE SHEET _____ FOR DETAILS OF THE END POST, TENSION ROD BAND AND U-BOLT ASSEMBLIES.
11. ALL DN (I. E., DIAMETER NOMINAL) REFERENCES TO GALVANIZED STEEL PIPE REFER TO THE NOMINAL PIPE SIZE.
12. ALL POSTS, RAILS AND HARDWARE SHALL BE ZINC COATED AND CONFORM TO THE REQUIREMENTS OF AASHTO M 181, GRADE 1 OR GRADE 2.

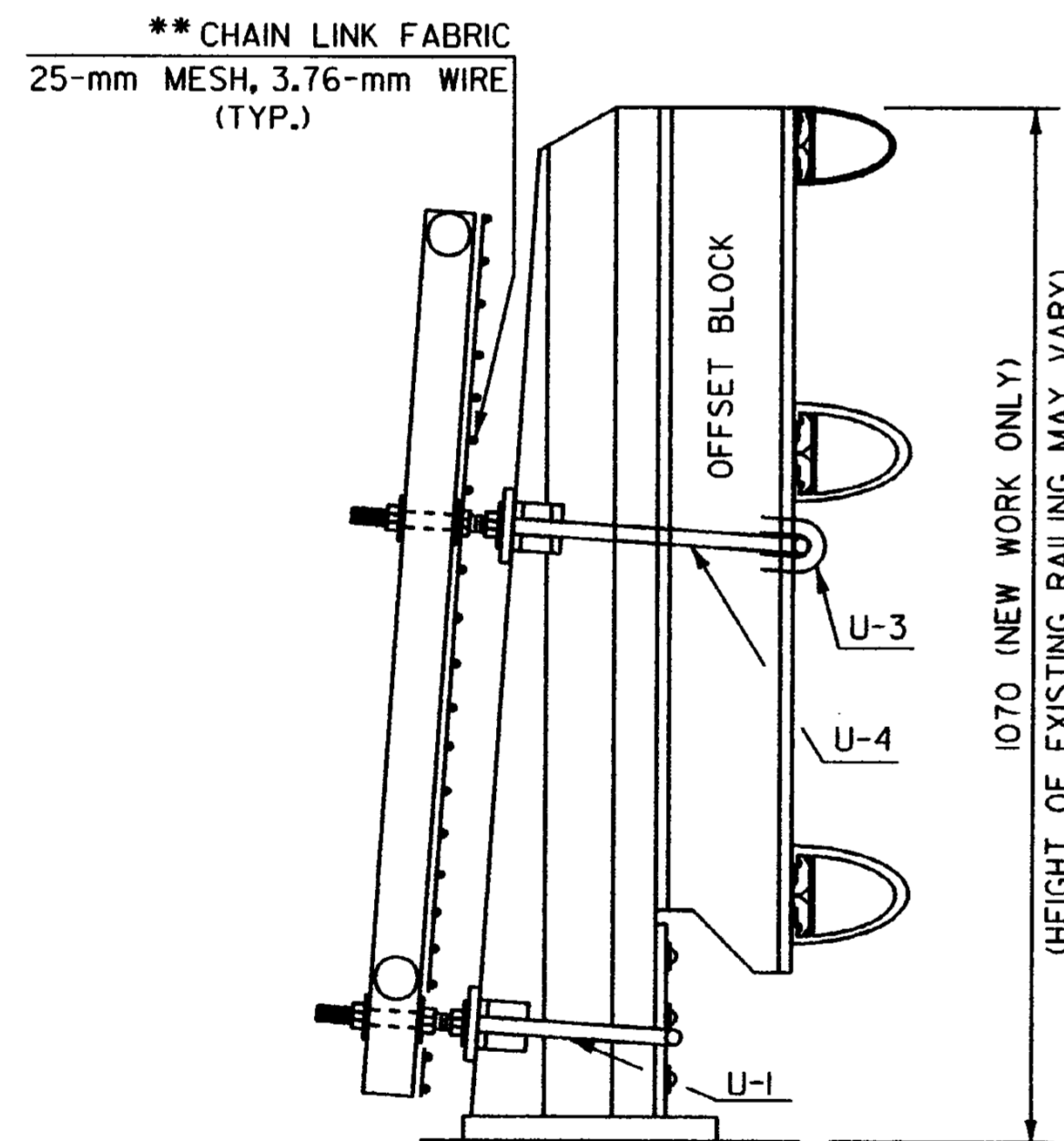


SCHEMATIC SNOW BARRIER LIMITS

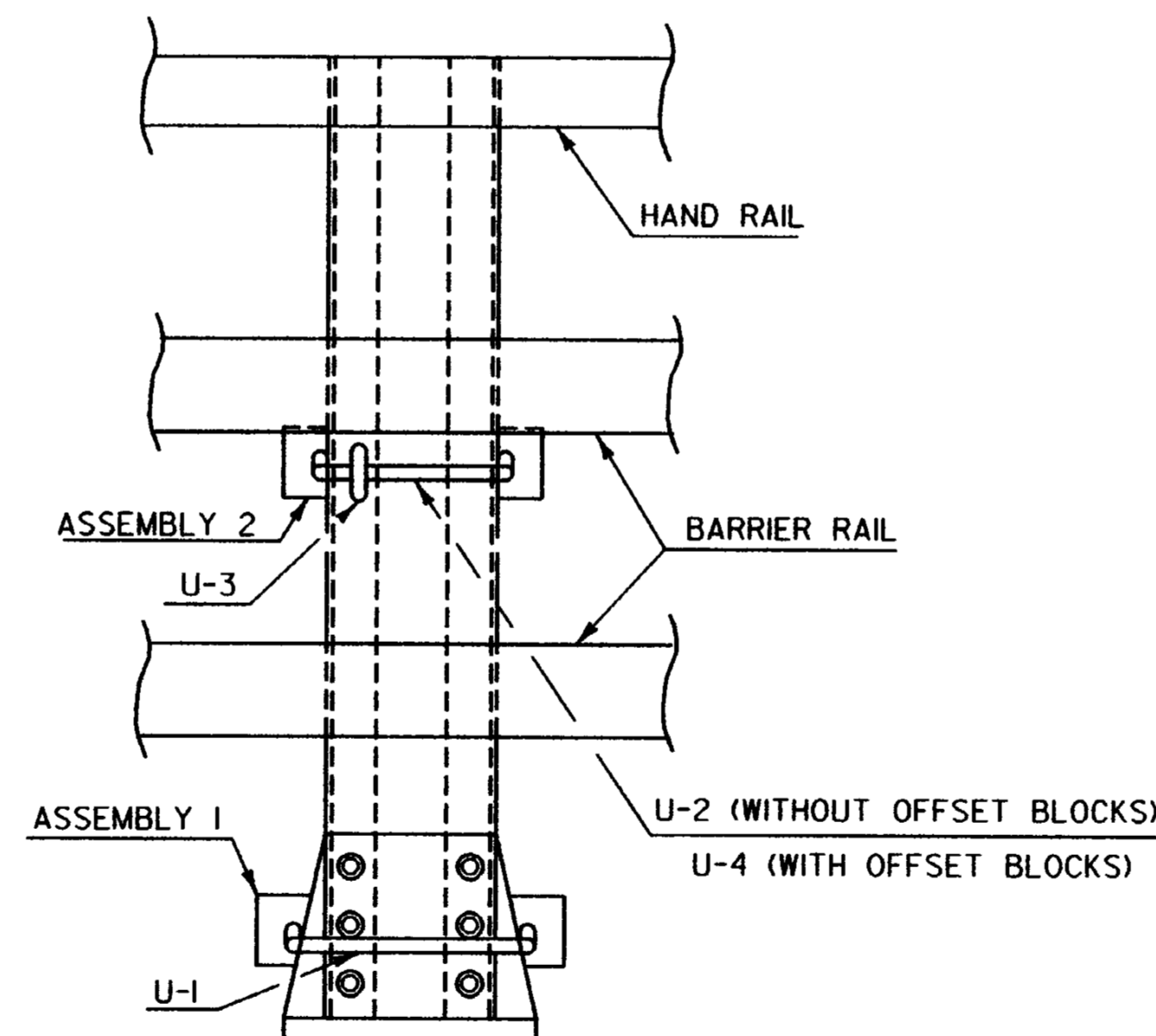


ELEVATION SNOW BARRIER

** THE CHAIN LINK FABRIC MESH IS TO BE INSTALLED AS SHOWN, WHICH IS ON THE BRIDGE RAIL (OR ϕ) SIDE OF THE ASSEMBLY. (TYP.)

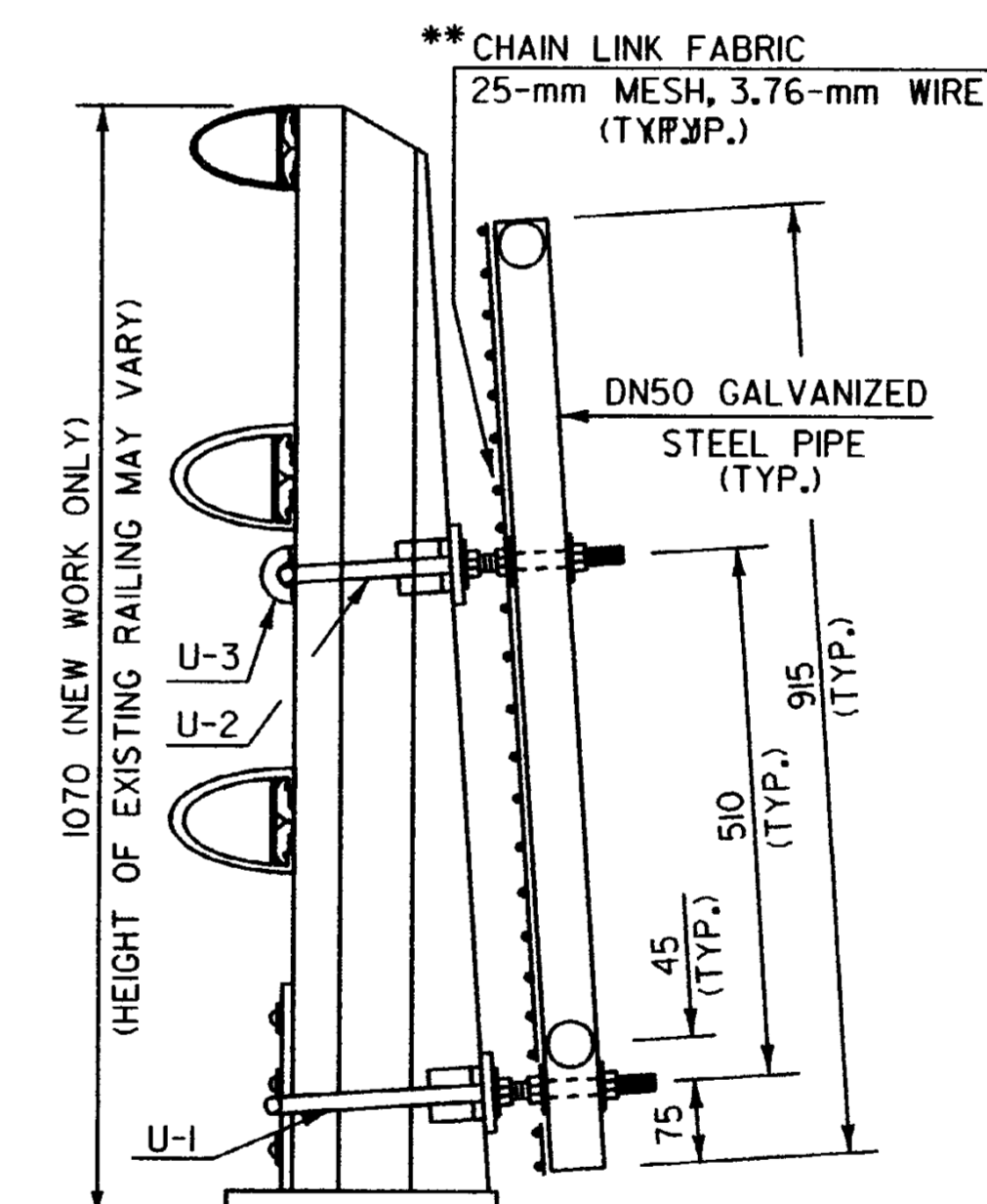


3-RAIL ALUMINUM WITH OFFSET BLOCKS



ELEVATION VIEW

(SNOWFENCE NOT SHOWN FOR PURPOSES OF CLARITY)



3-RAIL ALUMINUM WITHOUT OFFSET BLOCKS

DETAILS ON THIS SHEET ARE NOT TO SCALE

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.

REVISIONS AND CORRECTIONS

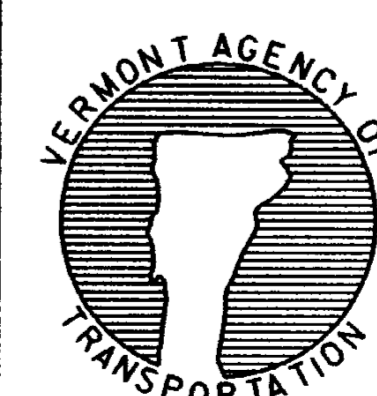
JULY 10, 1997 - ORIGINAL APPROVAL DATE

APPROVED

DIRECTOR OF PROJECT DEVELOPMENT

Warren B. Dwyer
STRUCTURES DESIGN ENGINEER

INSTALLATION OF PERMANENT SNOW FENCE
ON BRIDGES WITH 3-RAIL ALUMINUM BRIDGE RAIL



Metric
STANDARD
PSF-3M