F.A.I. RTE. SECTION COUNTY 55 · MCLEAN 310 163 FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

• (57-4)R, HBY, HBR, (57-4VB)DM

CONTRACT *70757 19 Chamfer (typ.)-<u>NOTES</u> 1.) IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE THE APPROVED WIDE FLANCE BEAM TERMINAL JOINT WITH THE END EXPANSION PLATE DETAIL SHOWN. 2.) ALL EXPANSION PLATES SHALL BE AASHTO M183 AND SHOP PAINTED WITH ZINC SILICATE AND VINYL PAINT SYSTEM. Expansion Plate-3.) COST OF EXPANSION PLATES TO BE INCLUDED IN THE COST OF THE WIDE FLANGE BEAM TERMINAL JOINT COMPLETE. 4.) SEE STANDARD 637001 AND PLANS FOR ADDITIONAL CONCRETE BARRIER DETAILS. Wide Flange Beam Terminal Joint Complete 1.79 m Stationary side or side with least movement 895 ¢ Cast in place Anchors for 16 Ø 100 at 10° C countersunk socket Chamfer expansion plate 13 head cap screws. at edge of recess (typical) 16 Recess 13 Bent Expansion plate (Typ.) form flush with barrier chamfer top and forward 13 Expansion vertical edges 6 Plate Roadway Surface — Φ-2 layers 27kg/m² roofing felt between expansion plate and recess bonded to 25 – concrete. Wide Flange Beam Terminal Joint Complete SECTION A - A SECTION B - B ELEVATION NOT TO SCALE ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 55
SECTION (57-4)R, HBY, HBR, (57-4VB)DM
MCLEAN COUNTY CONCRETE BARRIER EXPANSION PLATE DETAIL 94S2063