

TOP VIEW

## NOTES:

Fill over top of cattle pass; 2' min, 15' max.

Design of flared end section shall conform to the intermediate section. Rounded edge permitted on sloped end.

Four foot lengths shall be used only to secure the required length of the cattle pass. Short sections shall be installed near ends. Not more than two 4' sections permitted in the structure.

All joints, including the end sections, shall be tied with 1" ø tie bolts as shown on Standard Drawing D-714-22. Ties shall be inserted from the inside with the nuts on the outside. The joints should fit as tightly as possible, with a maximum of  $\frac{3}{4}$ " between sections.

Longitudinal reinforcement denoted as As3 and As4 must be placed in all slabs and walls and must be 0.11 sq. in./ft. min.

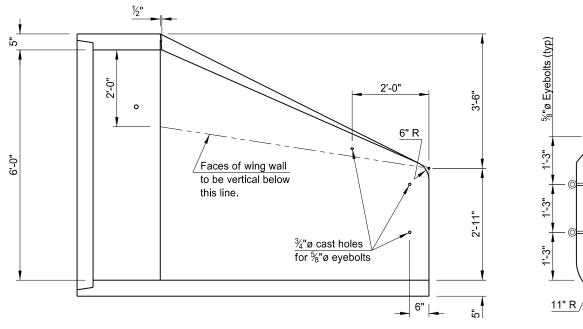
Welded steel wire fabric shall conform to AASHTO M 55.

If the splices are not electrically welded, the reinforcement shall be lapped not less than 40 diameters. If the splices are electrically welded, the members at either a welded splice or intersection shall develop a tensile strength across the weld not less than the minimum required strength of the fabric. Welders shall be properly certified.

Cost of furnishing and installing eyebolts shall be included the unit price bid for "End Section Conc Cattle Pass". Eyebolts shall be galvanized according to AASHTO M 232.

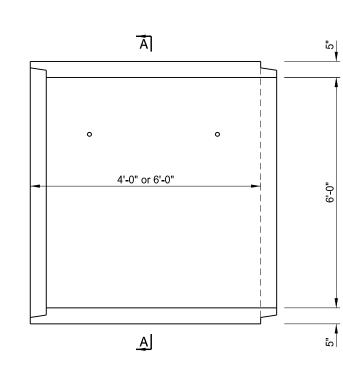
All hardware embedded in the intermediate sections and end sections and all hardware used to fasten the intermediate sections and end sections together shall be included in the bid item "Cattle Pass Conc Intermed Section"

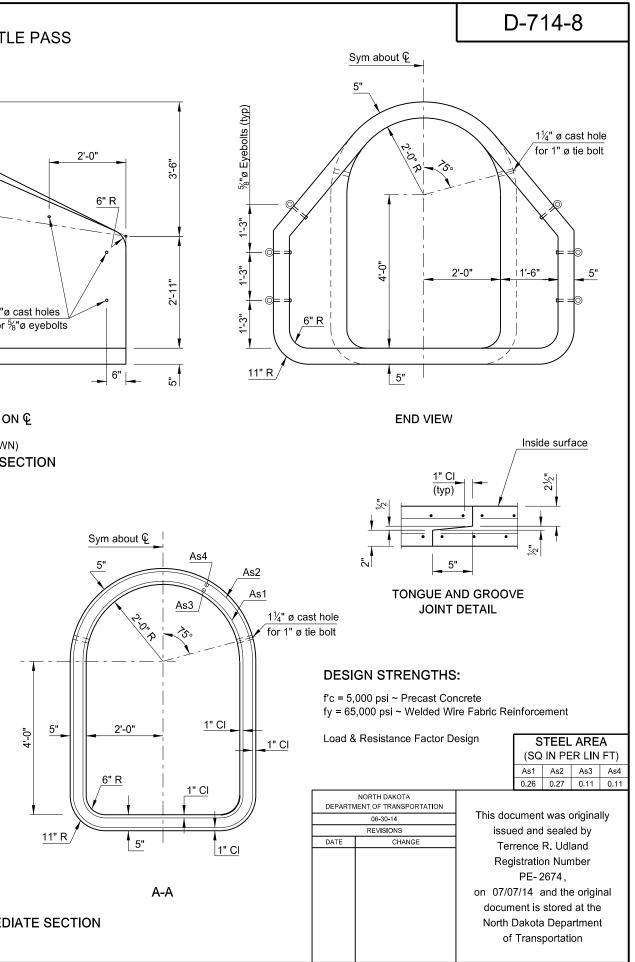
4' X 6' PRECAST CONCRETE CATTLE PASS



LONGITUDINAL SECTION ON **Q** 

(REINFORCING NOT SHOWN) DETAILS OF FLARED END SECTION





## LONGITUDINAL SECTION ON



DETAILS OF INTERMEDIATE SECTION