



NOTES:

1. PROVIDE 20mm CHAMFER AT TOP EDGES OF BARRIER.
2. CONCRETE FOR PILES SHALL BE CLASS "PILE" UNLESS OTHERWISE SPECIFIED (MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 25 MPa).
3. BARRIER CONCRETE SHALL BE SULPHATE RESISTANT MODIFIED CLASS C UNLESS OTHERWISE SPECIFIED (MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 35 MPa).

CONSTRUCTION NOTES:

1. PLACING CONCRETE FOR THE BARRIER TRANSITION MAY BE DONE BY:
 - i. REMOVING THE 2850mm LONG SECTION OF SLIP FORMED BARRIER BY SAW CUTTING.
 - ii. OR BLOCKING OUT THE 2850mm LONG SECTION OF SLIP FORMED BARRIER USING FORMED CONSTRUCTION JOINTS DURING CONCRETE PLACEMENT OF THE STANDARD SINGLE SLOPE BARRIER.
2. EXCAVATIONS MADE THROUGH THE ACP AND SUPPORTING ROAD BASE MATERIAL TO EXPOSE THE ELECTRICAL CONDUIT SHALL BE MADE ONLY WITHIN THE 2850 X 600 FOOTPRINT OF THE TRANSITION BARRIER. COMPETENT MATERIAL SUCH AS COMPACTED ROAD BASE OR CONCRETE MAYBE USED FOR BACKFILLING THE EXCAVATION TO TOP OF FINISHED ROADWAY.
3. PROVIDE LONGITUDINAL SAW CUTS THROUGH ACP ALONG BOTTOM EDGE OF BARRIER PRIOR TO DRILLING OF PILE HOLE. SAW CUTS SHALL BE OF SUFFICIENT LENGTH AND DEPTH TO PREVENT CHIPPING DURING PILE HOLE DRILLING.
4. ALLOW PILE CONCRETE TO CURE AT LEAST 3 DAYS PRIOR TO PLACING BARRIER CONCRETE.
5. SIZE AND LOCATION OF CONDUIT MAY VARY AS PER SITE SPECIFIC DRAWINGS. MODIFICATIONS TO THE CONCRETE STEEL REINFORCING AND/OR ANCHOR BOLT ASSEMBLY, SUCH AS TO ACCOMMODATE PLACEMENT OF THE CONDUIT, SHALL NOT BE MADE WITHOUT THE CONSULTANT'S PERMISSION.

No.	REVISIONS	BY	DATE

Approved: *Alan Lewis*
 Executive Director,
 Technical Standards Branch

Alberta
 INFRASTRUCTURE AND
 TRANSPORTATION

Date: NOVEMBER, 2007

**TL-4 SINGLE SLOPE
 CONCRETE BARRIER TRANSITION
 AT MEDIAN LIGHT STANDARD
 SHEET 1 OF 2**

Prepared By: NVS	Checked By: WS	Scale: N.T.S.	Dwg No.: RDG - B7.2
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ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED.