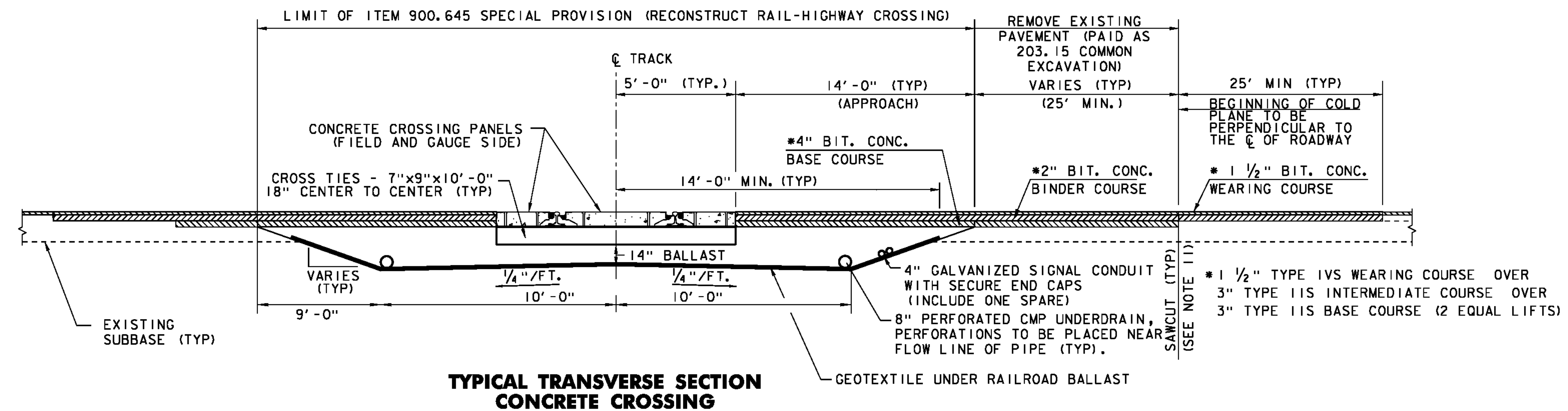


**TYPICAL PLAN VIEW
U.S. ROUTE 5 CROSSING AARDOT #850-920X
LYNDON STA. 94 + 80**

NOTES - AARDOT #850-920X

1. NEW UNDERDRAIN PIPE SHALL OUTLET AS SHOWN ON PLAN. UNDERDRAIN SHALL BE ADJUSTED IN THE FIELD IF NECESSARY AS DIRECTED BY THE ENGINEER. UNDERDRAIN PIPE SHALL BE PERFORATED CMP WITH PERFORATIONS TO BE PLACED NEAR FLOW LINE OF PIPE.
2. GEOTEXTILE SHALL BE GEOTEXTILE UNDER RAILROAD BALLAST.
3. ALL RAIL JOINTS WITHIN THE CROSSING AREA AND 50'-0" BEYOND WILL BE CROPPED AND WELDED IN ACCORDANCE WITH THE LATEST REVISION OF A.R.E.M.A. SPECIFICATIONS AT AN OFF-SITE ELECTRIC WELDING PLANT. WELDING CAN BE DONE IN FIELD UTILIZING THERMITE WELDING WITH ADVANCE APPROVAL FROM THE AGENCY. WELDED JOINTS SHALL BE GROUND TO CONFORM TO THE SHAPE OF THE RAIL ON GAUGE AND FIELD SIDES.
4. TIE SPACING UNDER CWR AREA SHALL BE 18 INCHES ON CENTER OR AS REQUIRED IN CROSSING PANEL AREA BY MANUFACTURER.
5. NEW 7"x9"x10'-0" AND 7"x9"x8'-6" TIES SHALL BE INSTALLED AS SHOWN. TIES SHALL BE REPLACED AS RECOMMENDED BY THE RAILROAD AND APPROVED BY THE ENGINEER INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL HIGHWAY CROSSING).
6. TIE PLATES SHALL BE NEW 14 INCH PLATES, MANUFACTURED FOR THE RAIL SIZE USED. PLATES SHALL BE INSPECTED AND APPROVED BY THE RAILROAD AND THE ENGINEER. RAIL FASTENERS SHALL BE CUT TRACK SPIKES.
7. BALLAST OUTSIDE THE FULL DEPTH RAILROAD CONSTRUCTION AREA SHALL EXTEND 12 INCHES BEYOND END OF TIES AND SLOPED 1:2 TO THE ROADBED.
8. TYPE AND DESIGN OF COMMERCIAL FLANGWAY MATERIALS SHALL RECEIVE APPROVAL FROM THE ENGINEER.
9. MANUFACTURER'S SPECIFICATIONS SHALL BE FOLLOWED FOR THE INSTALLATION OF COMMERCIAL FLANGWAY MATERIALS, INSULATED JOINTS, AND PRECAST CONCRETE PANELS.
10. CONTRACTOR SHALL ADD BALLAST, LINE, TAMP, AND SURFACE TRACK IN APPROACH AREAS TO OBTAIN A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED TRACK TO THE SATISFACTION OF THE ENGINEER AND RAILROAD. THIS WORK IS INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 900.645 (RECONSTRUCT RAIL-HIGHWAY CROSSING).
11. EXCAVATION, UNDERDRAIN, BALLAST, GEOTEXTILE, FLANGWAY MATERIALS AND TIES ARE INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING).
12. SAW CUTTING SHALL NOT BE PAID SEPARATELY BUT BE INCIDENTAL TO ITEM 210.10.
13. ALL WORK MUST BE PERFORMED WITHIN THE EXISTING RIGHT OF WAY. NO ADDITIONAL ROW HAS BEEN ACQUIRED BY THE STATE TO ACCOMMODATE CONSTRUCTION OF THE RAIL CROSSING.



**TYPICAL TRANSVERSE SECTION
CONCRETE CROSSING**

NOT TO SCALE

AARDOT #850-920X

**RAILROAD
CROSSING
DETAIL
SHEET #2**

PROJECT NAME: ST. JOHNSBURY-LYNDON
PROJECT NUMBER: STP 2928(I)
FILE NAME: p10c262.dgn
PROJECT LEADER: JLL
DESIGNED BY: MCF
IPARM FILE: p10c262rcd02.i

PLOT DATE: 13-DEC-2013
DRAWN BY: STANTEC
CHECKED BY: JLL
SHEET 23 OF 133

