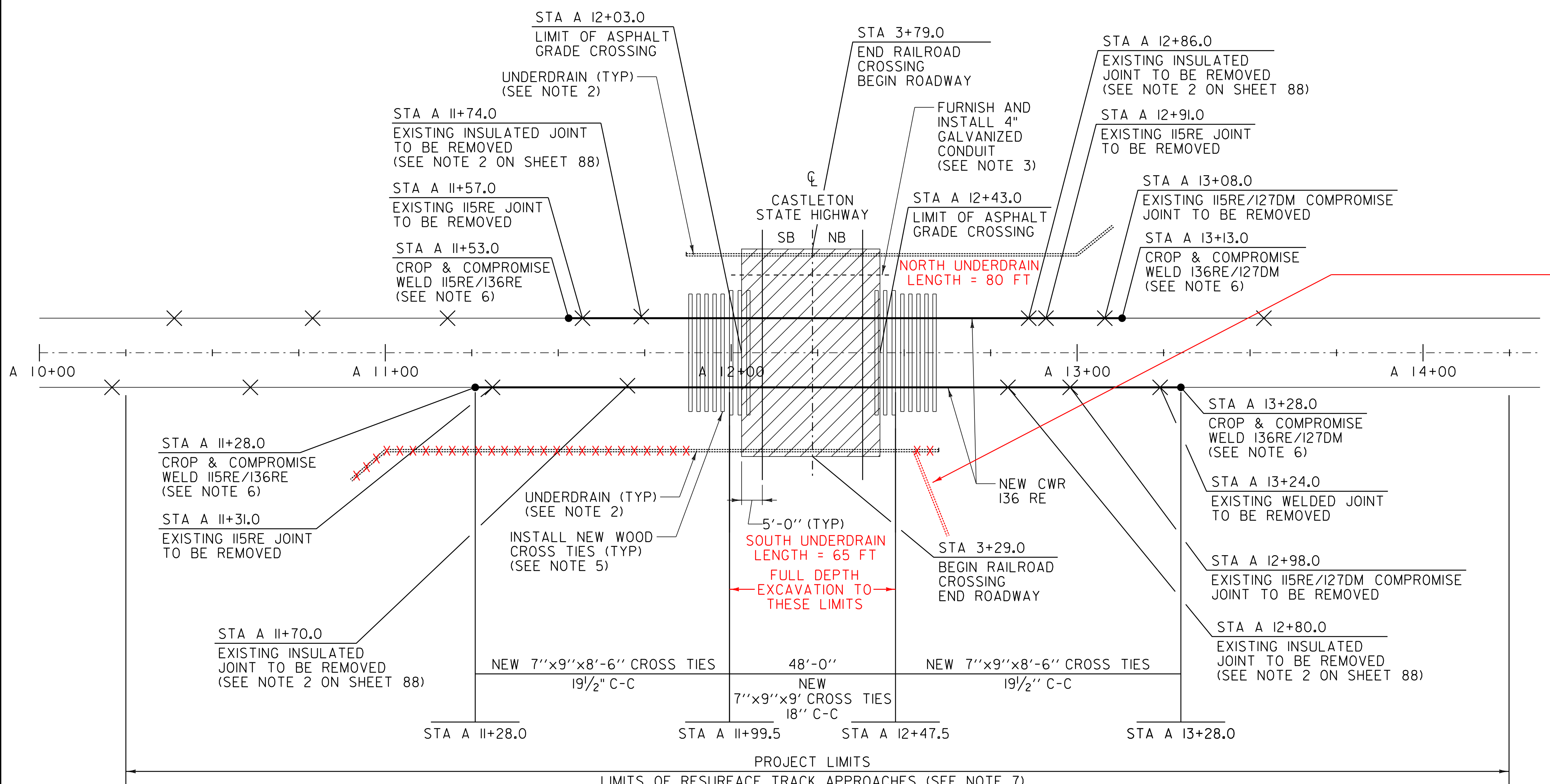


**PLAN VIEW  
EXISTING AARDOT 248-907C  
HIGHWAY CROSSING SCHEMATIC**

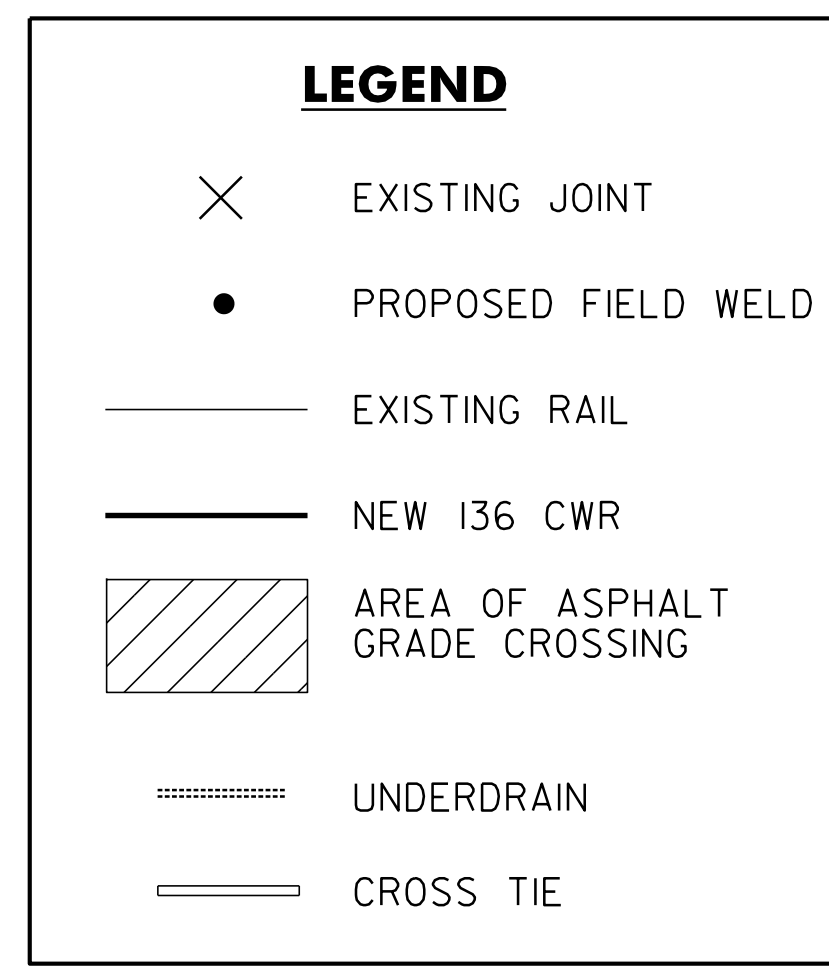


**PLAN VIEW  
PROPOSED AARDOT 248-907C  
HIGHWAY CROSSING SCHEMATIC**

**NOTES:**

- SEE SHEET 88 FOR AARDOT 248-907C GRADE CROSSING DETAILS.
- THE CONTRACTOR SHALL INSTALL UNDERDRAIN AS SHOWN IN THE PLANS PER SECTION 605 OF THE 2006 VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION AND GRADE TO DRAIN INTO THE EXISTING DITCHES LOCATED ALONG THE RAILROAD ROW AS DIRECTED BY THE RESIDENT ENGINEER. PAYMENT WILL BE MADE UNDER ITEM 605.10 6 INCH UNDERDRAIN PIPE.
- CONDUIT SHALL BE 4 INCH DIAMETER RIGID GALVANIZED STEEL AS SHOWN IN SIGNAL CONDUIT DETAIL ON SHEET 88. CONDUIT SHALL EXTEND A MINIMUM OF 20 FEET BEYOND EDGE OF CROSSING. CONDUIT ENDS SHALL BE SEALED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AREMA SIGNAL MANUAL. PAYMENT INCLUDED UNDER ITEM 900.645 SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 248-907C).
- TRACK SURFACING AND BALLAST REGULATING IS THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE COORDINATED WITH THE CLARENDON AND PITTSFORD RAILROAD PRIOR TO COMMENCING WORK AND SHALL BE PAID FOR UNDER ITEM 900.640 SPECIAL PROVISION (RESURFACE TRACK APPROACHES).
- NEW 7''x9''x9' CROSS TIES SHALL BE INSTALLED WITHIN THE CROSSING AREA AS SHOWN ON THE PLANS. CROSS TIES LOCATED WITHIN THE APPROACH AREAS SHALL BE REPLACED WITH NEW 7''x9''x8'-6'' TIES. ADDITIONAL TIES LOCATED WITHIN THE PROJECT AREA MAY NEED TO BE REPLACED WITH NEW 7''x9''x8'-6'' TIES AS RECOMMENDED BY THE RAILROAD AND APPROVED BY THE RESIDENT ENGINEER. CROSS TIES SHALL BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES).
- EXISTING RAIL SHALL BE CROPPED AND FIELD WELDED TO THE NEW 136RE CWR AND SHALL BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (THERMITE WELDING) AS DIRECTED BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL TAKE PRECAUTIONS DURING FIELD WELDING OPERATIONS TO PREVENT DAMAGE TO THE RUBBER RAIL SEAL. THE CONTRACTOR SHALL REPLACE DAMAGED RUBBER RAIL SEAL AT THEIR OWN COST AS DIRECTED BY THE RESIDENT ENGINEER.
- THE CONTRACTOR SHALL RAISE, ALIGN & SURFACE THE TRACK WITHIN THE APPROACH AREA PER ITEM 900.640 SPECIAL PROVISION (RESURFACE TRACK APPROACHES). SURFACING IS TO FINAL GRADE, MULTIPLE PASSES SHALL BE CONSIDERED INCIDENTAL TO ITEM 900.640 SPECIAL PROVISION (RESURFACE TRACK APPROACHES).

DAYLIGHT UNDERDRAIN TO DITCHLINE IN THIS AREA TO SHORTEN UNDERDRAIN LENGTH DUE TO FLAT GRADE ON OPPOSITE SIDE OF ROAD A.O.B.E.



**NOT TO SCALE**

<b>AARDOT 248-907C GRADE CROSSING SCHEMATIC SHEET</b>	PROJECT NAME: CASTLETON - WEST RUTLAND	PLOT DATE: 04-JUN-2013 09:2
	PROJECT NUMBER: STP 2705(i)	DRAWN BY: W.G.P.
	FILE NAME: p07cl68.dgn	CHECKED BY: D.E.G.
	DESIGNED BY: M.J.M.	SHEET 87 OF 152