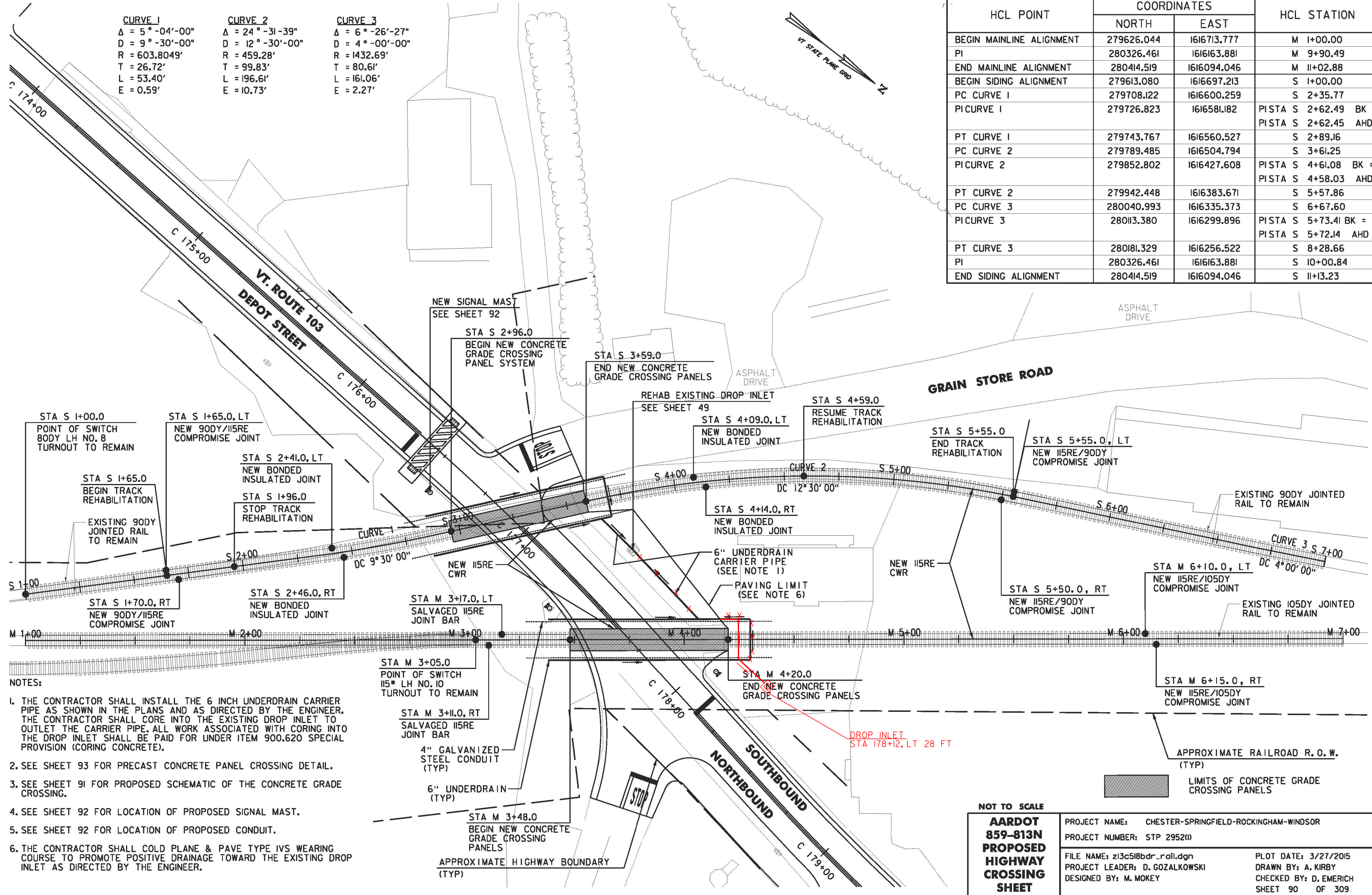


HORIZONTAL CONTROL TABLE

HCL POINT	COORDINATES		HCL STATION
	NORTH	EAST	
BEGIN MAINLINE ALIGNMENT	279626.044	1616713.777	M 1+00.00
PI	280326.461	1616163.881	M 9+90.49
END MAINLINE ALIGNMENT	280414.519	1616094.046	M 11+02.88
BEGIN SIDING ALIGNMENT	279613.080	1616697.213	S 1+00.00
PC CURVE 1	279708.122	1616600.259	S 2+35.77
PI CURVE 1	279726.823	1616581.182	PISTA S 2+62.49 BK = PISTA S 2+62.45 AHD
PT CURVE 1	279743.767	1616560.527	S 2+89.16
PC CURVE 2	279789.485	1616504.794	S 3+61.25
PI CURVE 2	279852.802	1616427.608	PISTA S 4+61.08 BK = PISTA S 4+58.03 AHD
PT CURVE 2	279942.448	1616383.671	S 5+57.86
PC CURVE 3	280040.993	1616335.373	S 6+67.60
PI CURVE 3	280113.380	1616299.896	PISTA S 5+73.41 BK = PISTA S 5+72.14 AHD
PT CURVE 3	280181.329	1616256.522	S 8+28.66
PI	280326.461	1616163.881	S 10+00.84
END SIDING ALIGNMENT	280414.519	1616094.046	S 11+13.23

CURVE 1	CURVE 2	CURVE 3
Δ = 5°-04'-00"	Δ = 24°-31'-39"	Δ = 6°-26'-27"
D = 9°-30'-00"	D = 12°-30'-00"	D = 4°-00'-00"
R = 603.8049'	R = 459.28'	R = 1432.69'
T = 26.72'	T = 99.83'	T = 80.61'
L = 53.40'	L = 196.61'	L = 161.06'
E = 0.59'	E = 10.73'	E = 2.27'



- NOTES:
1. THE CONTRACTOR SHALL INSTALL THE 6 INCH UNDERDRAIN CARRIER PIPE AS SHOWN IN THE PLANS AND AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL CORE INTO THE EXISTING DROP INLET TO OUTLET THE CARRIER PIPE. ALL WORK ASSOCIATED WITH CORING INTO THE DROP INLET SHALL BE PAID FOR UNDER ITEM 900.620 SPECIAL PROVISION (CORING CONCRETE).
 2. SEE SHEET 93 FOR PRECAST CONCRETE PANEL CROSSING DETAIL.
 3. SEE SHEET 91 FOR PROPOSED SCHEMATIC OF THE CONCRETE GRADE CROSSING.
 4. SEE SHEET 92 FOR LOCATION OF PROPOSED SIGNAL MAST.
 5. SEE SHEET 92 FOR LOCATION OF PROPOSED CONDUIT.
 6. THE CONTRACTOR SHALL COLD PLANE & PAVE TYPE IVS WEARING COURSE TO PROMOTE POSITIVE DRAINAGE TOWARD THE EXISTING DROP INLET AS DIRECTED BY THE ENGINEER.

NOT TO SCALE

AARDOT 859-813N PROPOSED HIGHWAY CROSSING SHEET

PROJECT NAME: CHESTER-SPRINGFIELD-ROCKINGHAM-WINDSOR
 PROJECT NUMBER: STP 2952(1)
 FILE NAME: z13c518bdr_rail.dgn
 PROJECT LEADER: D. GOZALKOWSKI
 DESIGNED BY: M. MOKEY

PLOT DATE: 3/27/2015
 DRAWN BY: A. KIRBY
 CHECKED BY: D. EMERICH
 SHEET 90 OF 309