

GPS CONTROL POINTS

HVCTRL #1

SONEW TEMP 1
 NORTH = 48227.674
 EAST = 482755.998
 ELEV. = 202.970

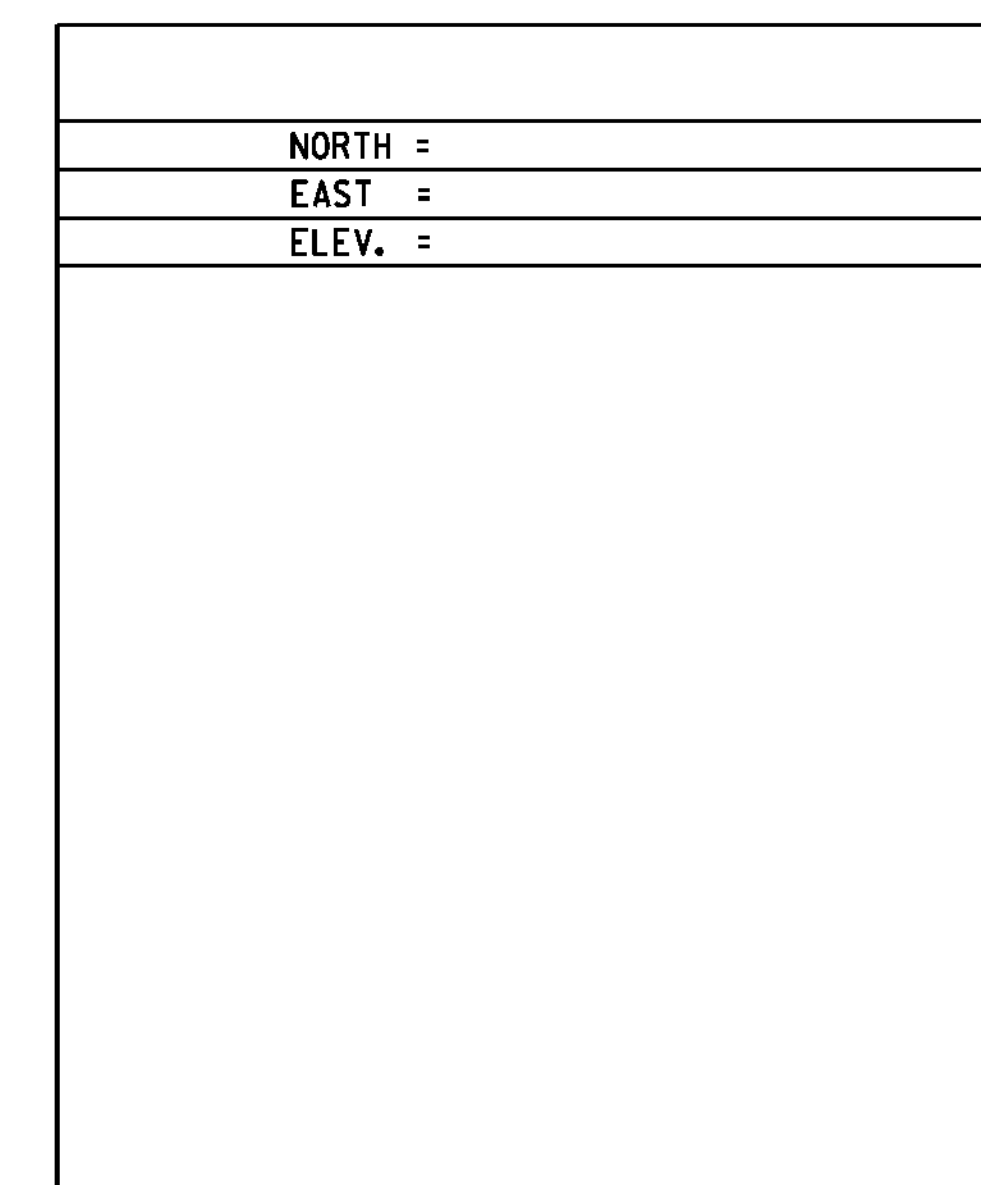
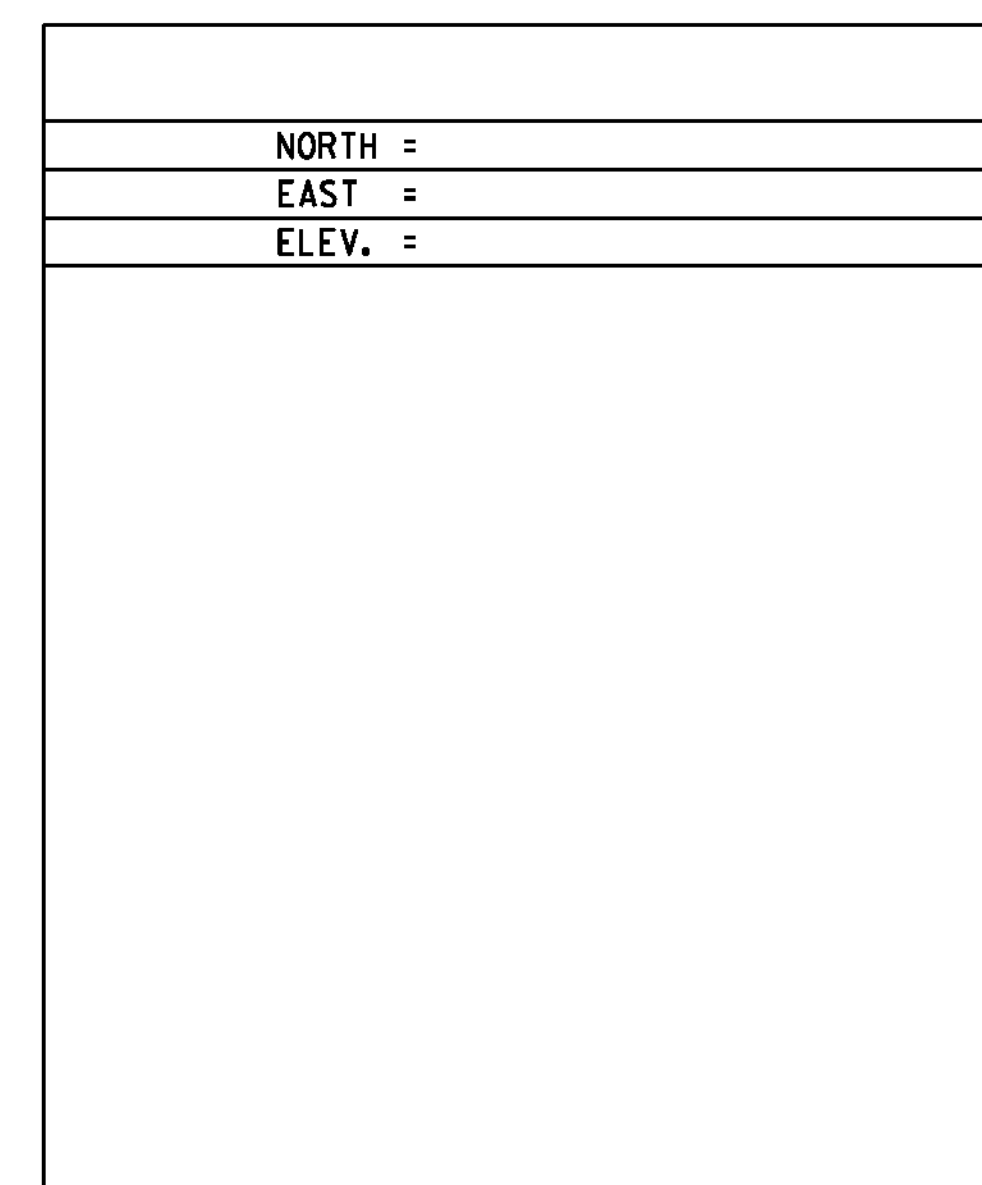
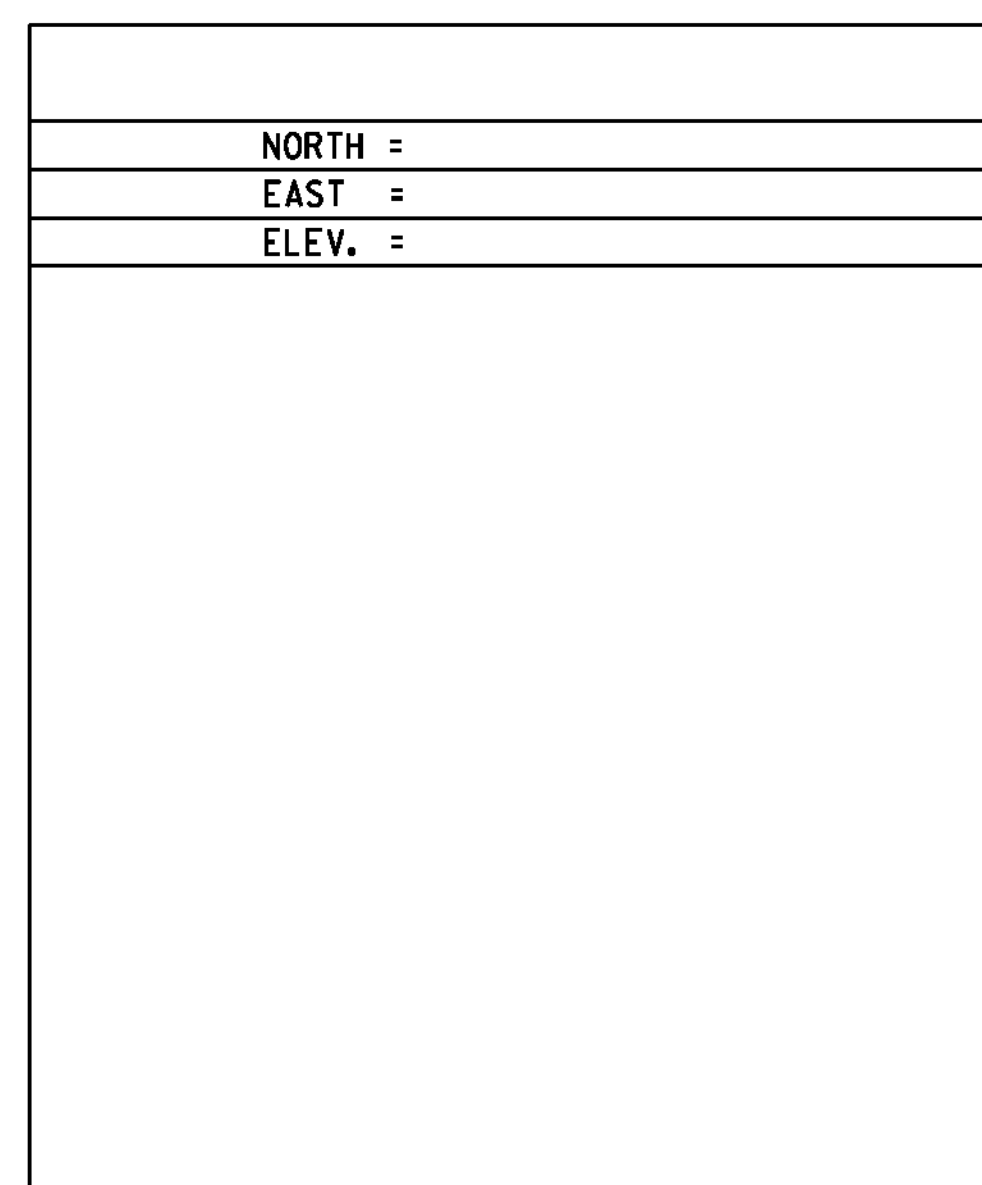
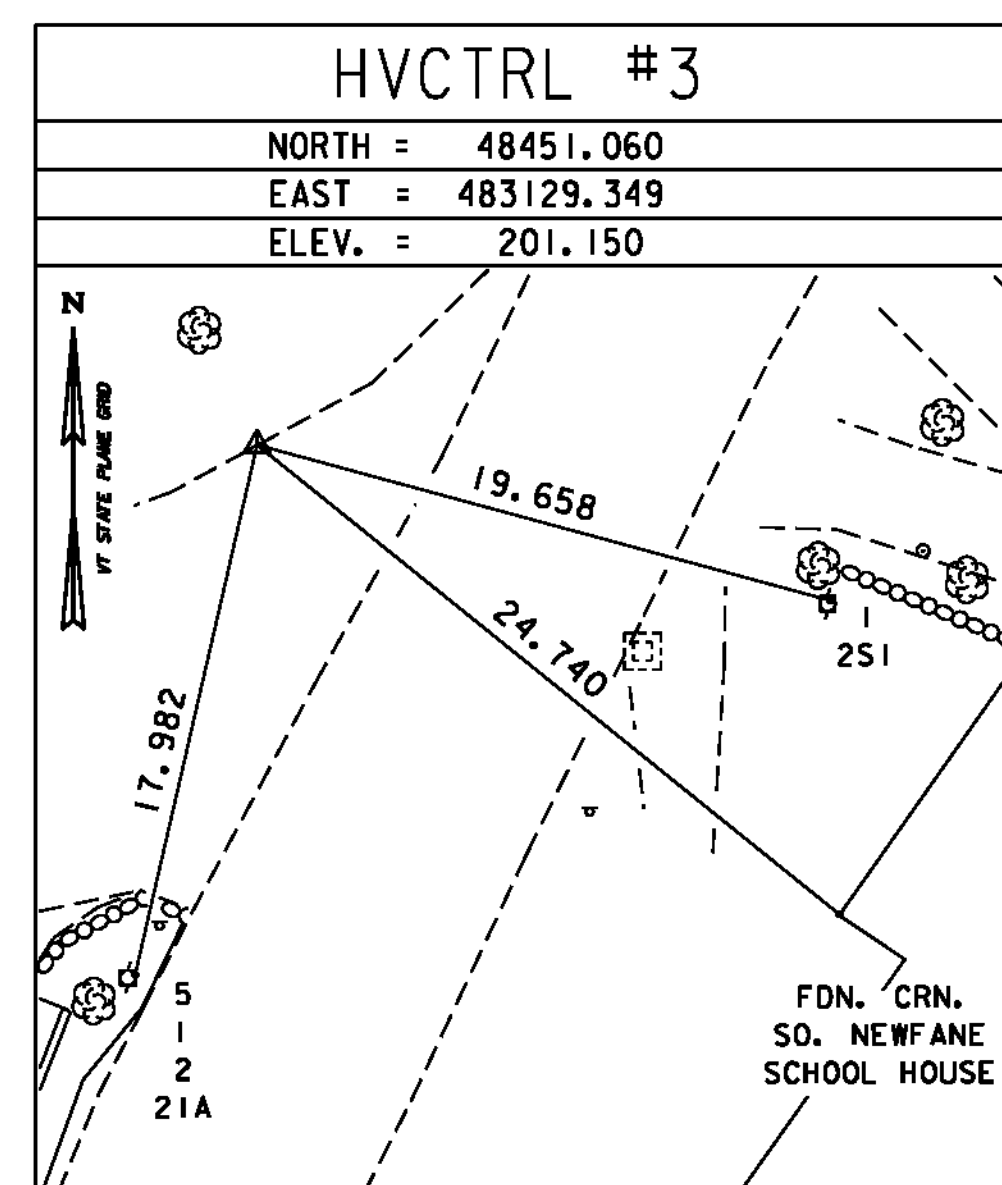
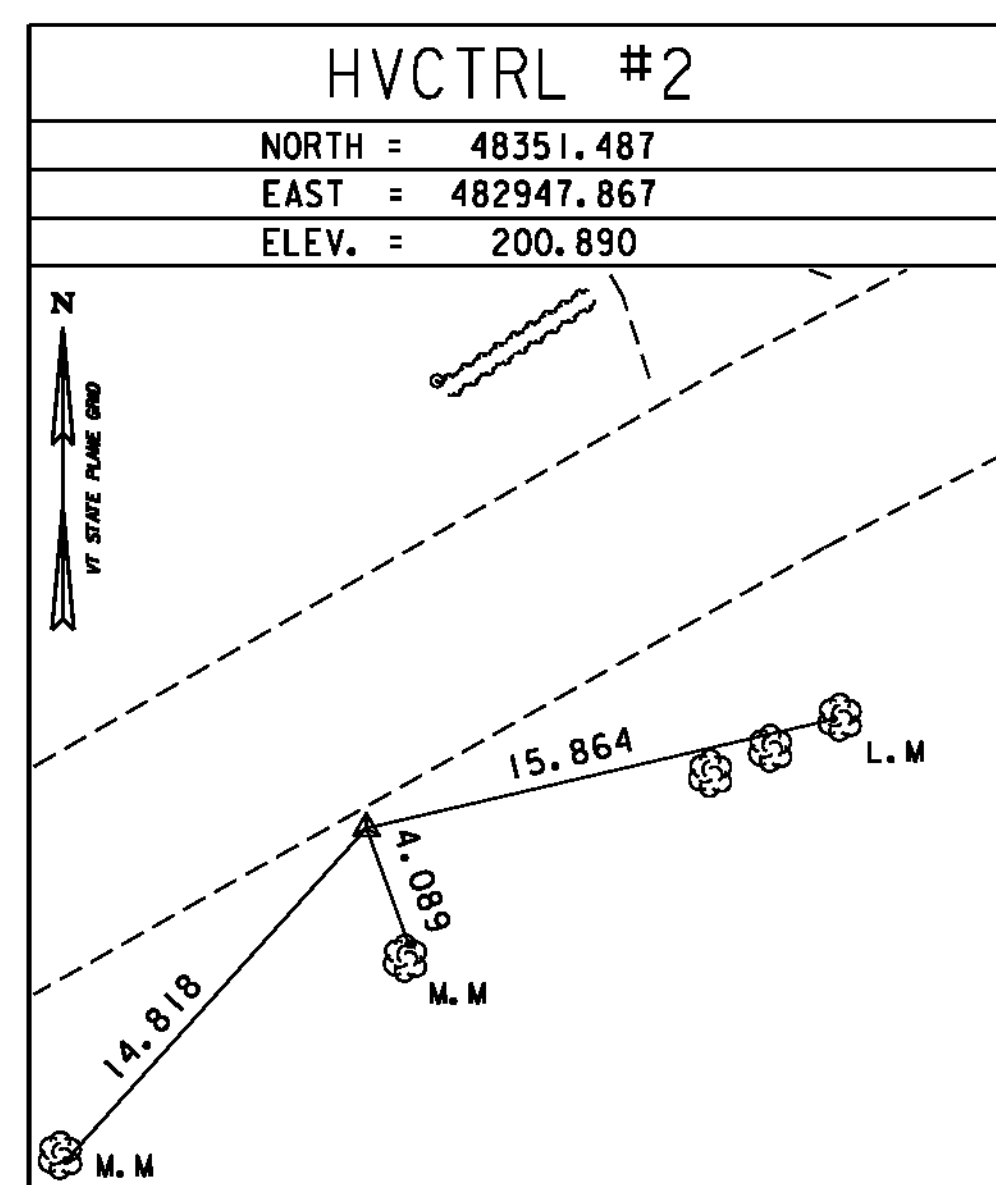
STATION MARK IS A 3' METAL ROD WITH DRILL HOLE DRIVEN INTO GROUND. TO REACH FROM THE INTERSECTION OF TOWN HIGHWAY 2 AND TOWN HIGHWAY 3 AT THE POST OFFICE AND SOUTH NEWFANE GENERAL STORE, PROCEED WEST ON TOWN HIGHWAY 2 ACROSS THE BRIDGE FOR .26 MI (0.42 KM) TO THE MARK ON THE LEFT (SOUTH). THE MARK IS 3.2 M (10.5 FT) SOUTH OF THE SOUTH EDGE OF THE ROAD, 3.5 M (11.5 FT) WEST OF THE EDGE OF A GRAVEL DRIVEWAY, AND .25 M (0.82 FT) NORTH OF A WOODEN WITNESS LABELED SONEW TEMP 1.

HVCTRL #3

SONEW TEMP 4
 NORTH = 48451.060
 EAST = 483129.349
 ELEV. = 201.150

STATION MARK IS A 3' METAL ROD WITH DRILL HOLE DRIVEN INTO GROUND. THE MARK IS AT THE INTERSECTION OF TOWN HIGHWAY 2 AND TOWN HIGHWAY 3 AT THE POST OFFICE AND SOUTH NEWFANE GENERAL STORE ON THE NORTH SIDE OF THE INTERSECTION. THE MARK IS 1.0 M (3.3 FT) NORTH OF THE NORTH EDGE OF THE ROAD, 4.0 M (13.1 FT) EAST OF THE EDGE OF A GRAVEL DRIVEWAY, AND .25 M (0.82 FT) SOUTH OF A WOODEN WITNESS LABELED SONEW TEMP 4.

TRAVERSE TIES



* Main Traverse Completed 09/25/96 by R. Bullock P.C. & T. Companion

ALIGNMENT DATA

Alignments Current as of 4/27/09

	Main Line		
	STATION	NORTHING	EASTING
POB	1+000.000	48359.8275	482954.2365
PC	1+009.257	48364.2950	482962.3443
PT	1+047.287	48381.0385	482996.4736
	Radius:	400.000	
	Delta:	5° 26' 50.35" Right	
	Degree of Curvature (Arc):	4° 21' 57.41"	
	Length:	38.029	
	Tangent:	19.029	
	Chord:	38.015	
	Middle Ordinate:	0.452	
	External:	0.452	
PC	1+103.394	48403.3289	483047.9633
PT	1+160.638	48429.0251	483099.0807
	Radius:	500.000	
	Delta:	6° 33' 34.82" Left	
	Degree of Curvature (Arc):	3° 29' 33.93"	
	Length:	57.244	
	Tangent:	28.653	
	Chord:	57.213	
	Middle Ordinate:	0.819	
	External:	0.820	
PC	1+183.007	48440.1987	483118.4589
PT	1+194.644	48443.4997	483129.5089
	Radius:	25.000	
	Delta:	26° 40' 15.18" Right	
	Degree of Curvature (Arc):	69° 51' 18.56"	
	Length:	11.637	
	Tangent:	5.926	
	Chord:	11.533	
	Middle Ordinate:	0.674	
	External:	0.693	
POE	1+215.000	48444.6704	483149.8311

	Auger Brook Rd		
	STATION	NORTHING	EASTING
POB	3+000.000	48362.4020	483109.5450
PC	3+012.444	48374.6503	483111.7453
PT	3+034.511	48396.0048	483117.2277
	Radius:	150.000	
	Delta:	8° 25' 44.23" Right	
	Degree of Curvature (Arc):	11° 38' 33.09"	
	Length:	22.067	
	Tangent:	11.053	
	Chord:	22.047	
	Middle Ordinate:	0.406	
	External:	0.407	
	Tangent Direction:	N 10° 11' 03.13" E	
	Radial Direction:	S 79° 48' 56.87" E	
	Chord Direction:	N 14° 23' 55.25" E	
	Radial Direction:	S 71° 23' 12.64" E	
	Tangent Direction:	N 18° 36' 47.36" E	
PC	3+041.315	48402.4522	483119.3992
PT	3+110.276	48464.7143	483148.6955
	Radius:	300.000	
	Delta:	13° 10' 14.71" Right	
	Degree of Curvature (Arc):	5° 49' 16.55"	
	Length:	68.962	
	Tangent:	34.634	
	Chord:	68.810	
	Middle Ordinate:	1.979	
	External:	1.993	
PT	3+110.276	48464.7143	483148.6955
POE	3+145.190	48494.3922	483167.0851

DATUM	
VERTICAL	NAVD 88
HORIZONTAL	NAD 83 (92)
ADJUSTMENT	none

PROJECT NAME:	Newfane
PROJECT NUMBER:	BRF 0106 (3)S
FILE NAME:	95j280\survey\95j280t.dgn
PLOT DATE:	22-JUL-2011
PROJECT LEADER:	C. Carlson
DRAWN BY:	R. Bullock
DESIGNED BY:	T. Lackey
CHECKED BY:	T. Lackey
Tie Sheet	SHEET 10 OF 70