

GPS CONTROL POINTS

HVCTRL #1

VSF A
 N = 304481.791
 E = 1635455.953
 Z = 510.225

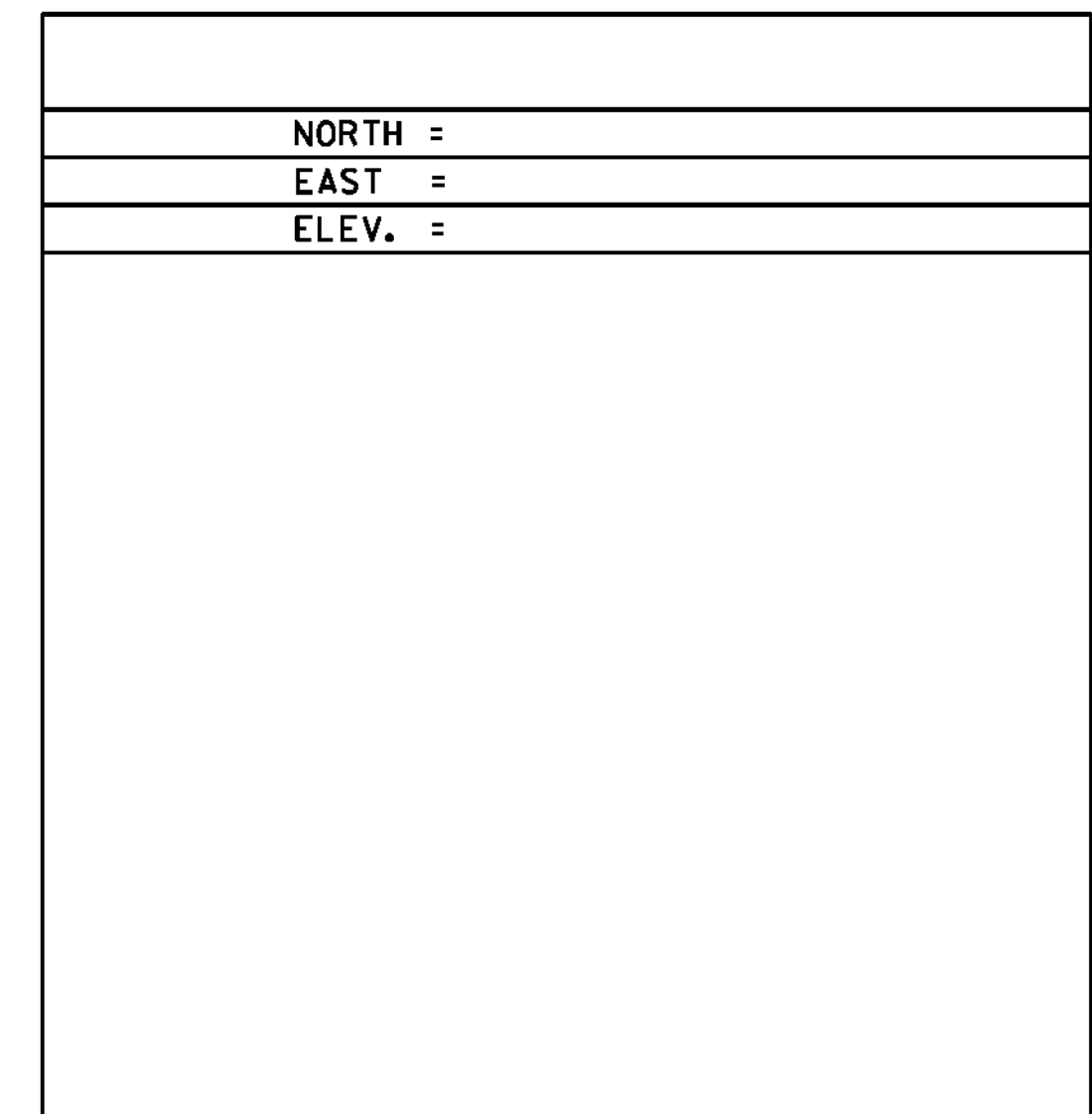
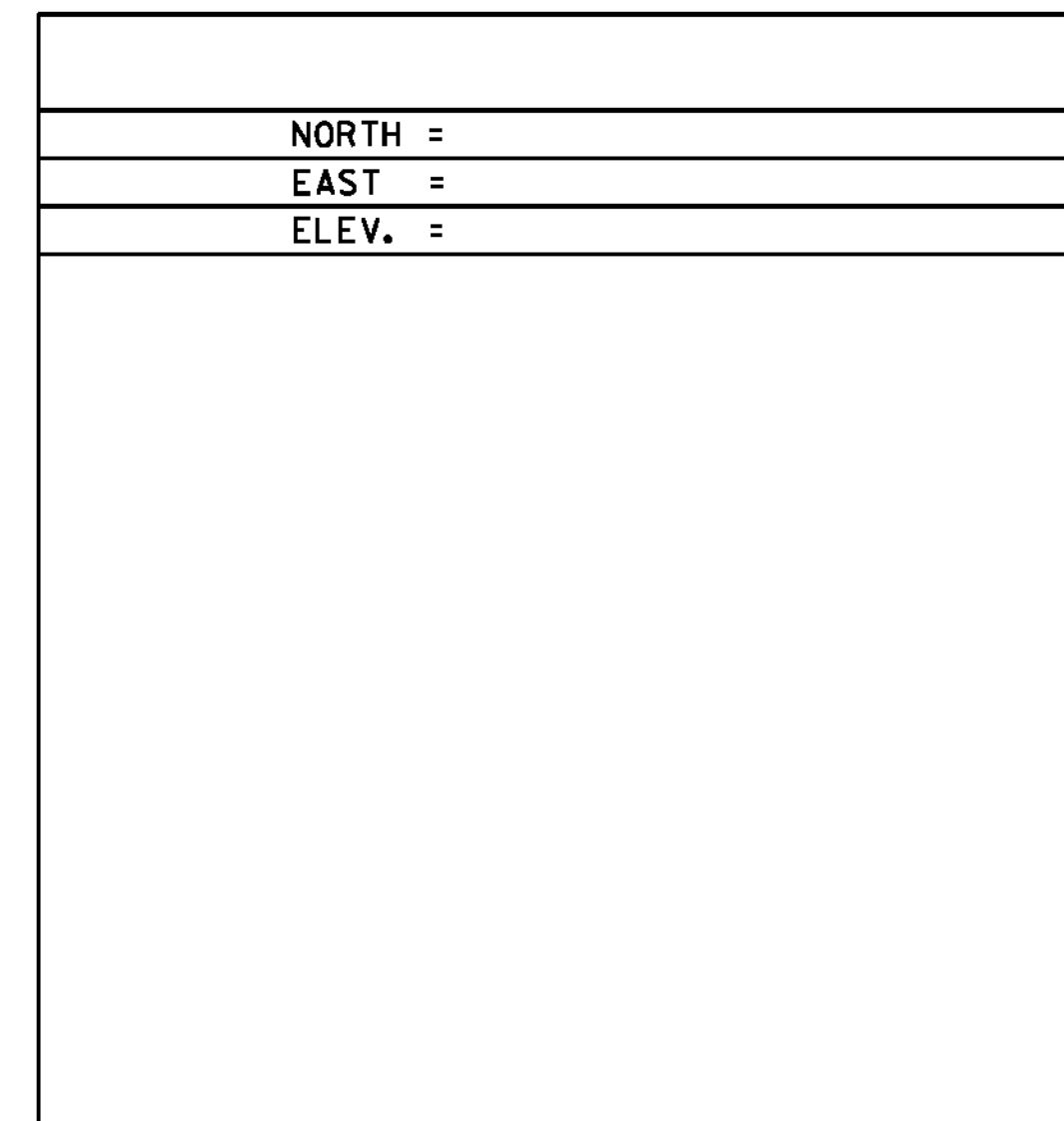
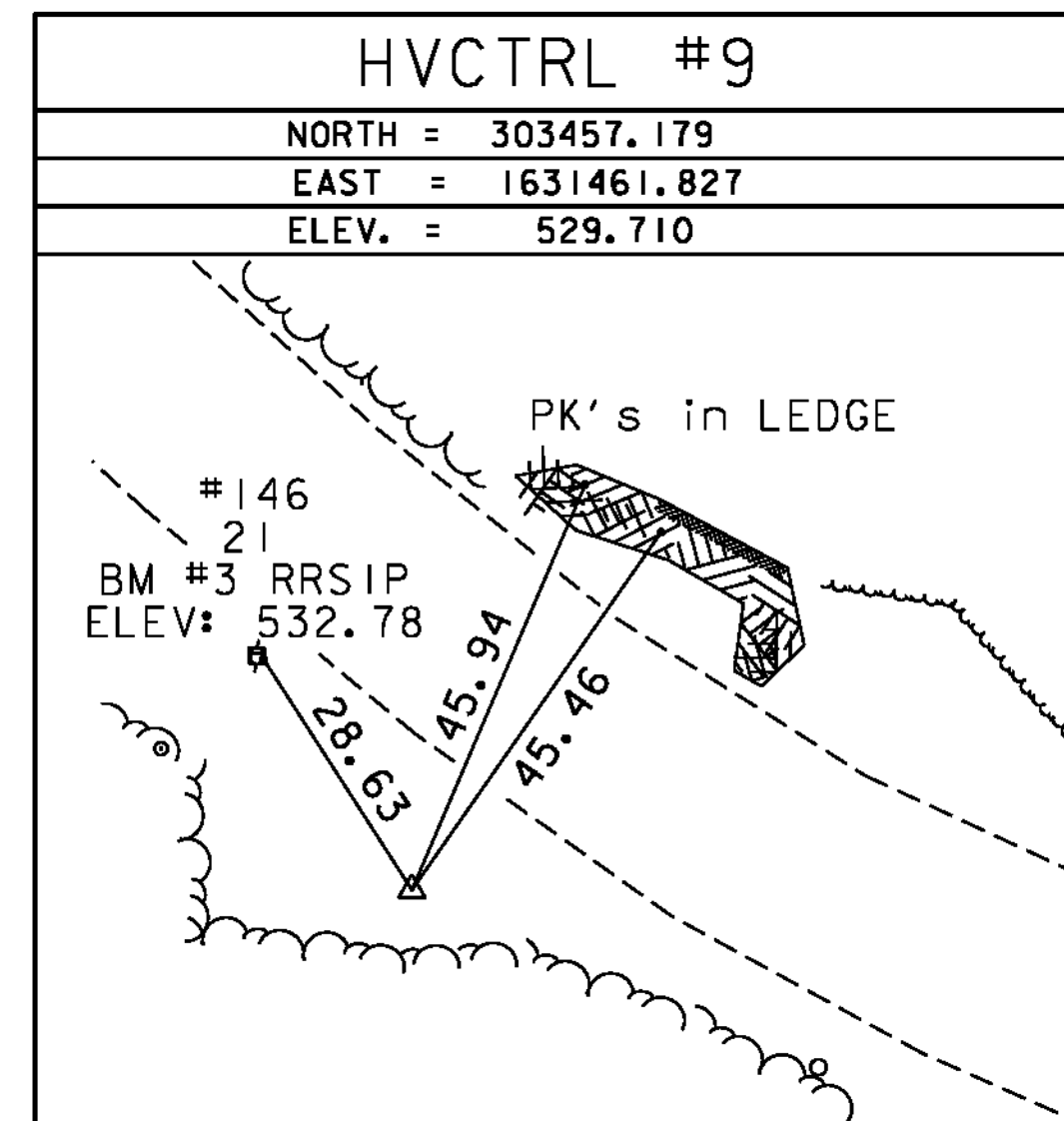
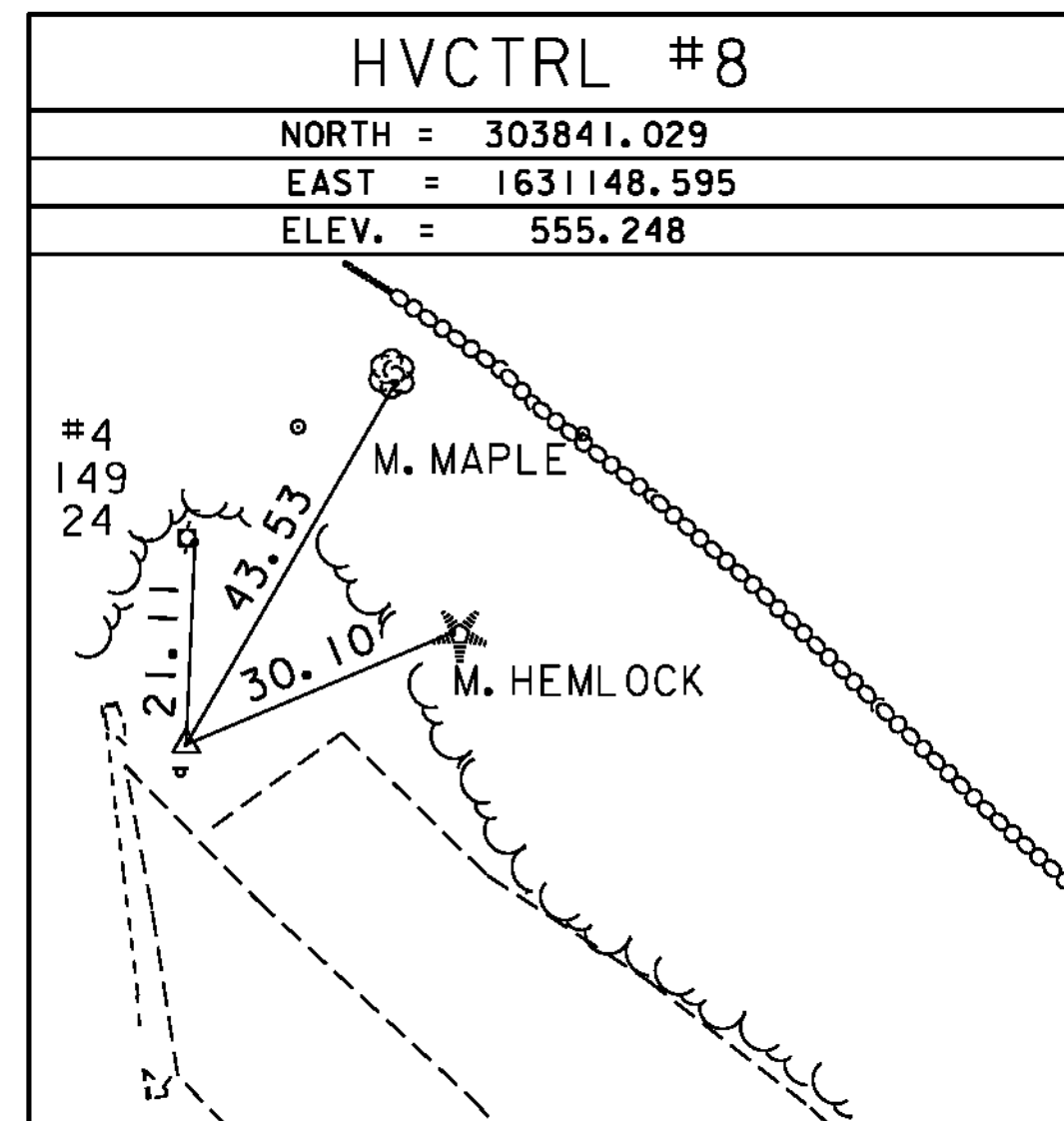
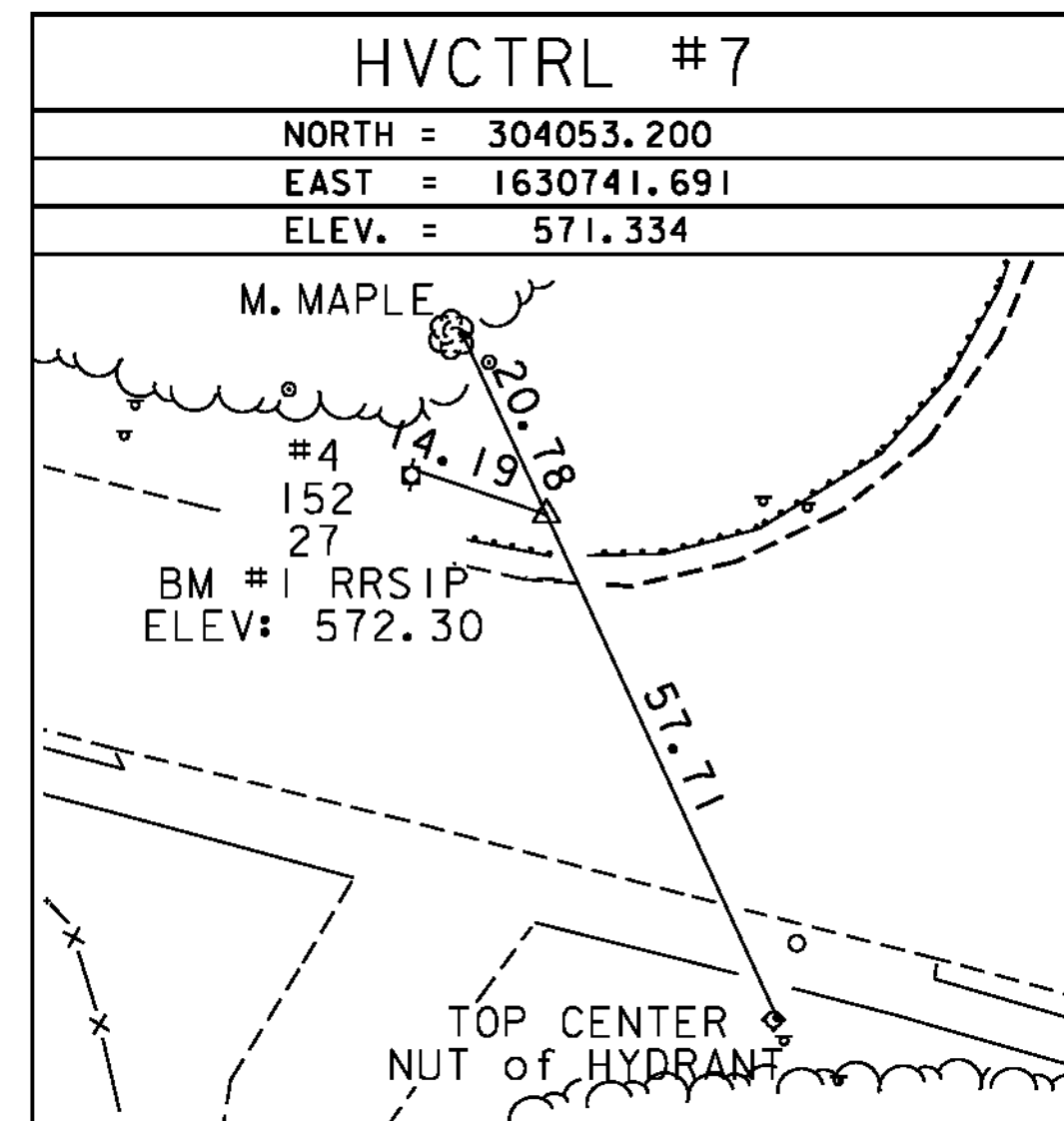
GENERAL LOCATION WESTERFIELD, AT THE SPRINGFIELD (HARTNESS) STATE AIRPORT, NORTHEAST OF RUNWAY END 23. OWNERSHIP, STATE OF VERMONT. CONTACT AIRPORT MANAGER PRIOR TO VISITING THE MARK. TO REACH FROM THE NORTHEAST END OF RUNWAY 23 GO NORTHEAST ON A DIRT TRACK ROAD ALONG A ROW OF OBSTRUCTION LIGHT POLES FOR ABOUT 350 FEET (106.7 M) TO THE STATION SITE ON A FLAT SANDY BLUFF ON THE SOUTHEAST SIDE OF THE ROAD. STATION MARK IS SET IN THE TOP OF AN 8-INCH X 8-INCH CONCRETE MONUMENT FLUSH WITH GROUND SURFACE, 331.9 FT (101.2 M) NORTHEAST OF THE CENTERLINE END RUNWAY 23, 175 FT (53.3 M) SOUTHEAST OF THE FOURTH O.L. POLE SOUTH OF THE NORTH END OF POLE LINE, 100.9 FT (30.8 M) SOUTHEAST OF THE CENTERLINE OF THE DIRT TRACK ROAD, 9 FT (2.7 M) NORTHEAST OF THE TOP EDGE OF THE BLUFF, AND 4 FT (1.2 M) SOUTHWEST OF A WITNESS POST. THE STATION IS A STANDARD NOS DISK SET IN THE TOP OF AN 8 INCH CONCRETE POST THAT IS FLUSH WITH THE GROUND, AND IS STAMPED VSF A 1980.

HCTRL #2

VSF B
 N = 304893.898
 E = 1634926.348

TO REACH THE STATION FROM THE JUNCTION OF STATE HIGHWAY 11, STATE HIGHWAY 143 AND STATE HIGHWAY 106 NORTH IN SPRINGFIELD, PROCEED NORTHWEST 4.8 KM (3.00 MI) ALONG STATE HIGHWAY 106 NORTH TO THE JUNCTION OF STATE HIGHWAY 106 NORTH AND STATE HIGHWAY 10. TURN RIGHT AND PROCEED NORTHEAST ON STATE HIGHWAY 106 FOR 1.3 KM (0.80 MI) TO AIRPORT ROAD ON THE RIGHT. TURN RIGHT AND PROCEED EAST 0.69 KM (0.40 MI) ON AIRPORT ROAD TO THE INTERSECTION OF AIRPORT ROAD AND KENDRICKS CORNERS ROAD. TURN RIGHT AND PROCEED SOUTH 0.24 KM (0.15 MI) ALONG KENDRICKS CORNERS ROAD TO THE AIRPORT ENTRANCE ON THE LEFT. TURN LEFT AND PROCEED SOUTHEAST 0.2 KM (0.10 MI) TO THE TERMINAL AND A GATE ON THE WEST SIDE OF THE TERMINAL. PROCEED SOUTHEAST 0.13 KM (0.10 MI) THROUGH THE GATE, ACROSS THE APRON AND TAXIWAY TO THE JUNCTION OF THE TAXIWAY AND RUNWAY 5-23. TURN LEFT AND PROCEED EAST 0.2 KM (0.10 MI) TO THE INTERSECTION OF RUNWAY 11-29 AND THE STATION IS LOCATED IN THE NORTHEAST QUADRANT OF THE RUNWAY INTERSECTION, SET IN A ROCK OUTCROP TO THE LEFT. THE STATION IS A STANDARD NOS DISK STAMPED--VSF B 1980--SET IN A ROCK OUTCROP. THE STATION IS LOCATED 75.04 M (246.19 FT) ON A MAGNETIC COMPASS BEARING OF NORTH 29 DEGREES EAST FROM THE SECOND RUNWAY EDGE LIGHT EAST ALONG RUNWAY 11-29 FROM THE INTERSECTION OF RUNWAY 11-29 AND RUNWAY 5-23, 33.10 M (108.60 FT) ON A MAGNETIC COMPASS BEARING OF SOUTH 04 DEGREES EAST FROM THE SECOND RUNWAY EDGE LIGHT NORTH ALONG RUNWAY 5-23 FROM THE INTERSECTION OF RUNWAY 5-23 AND RUNWAY 11-29, AND 29.50 M (96.78 FT) ON A MAGNETIC COMPASS BEARING OF SOUTH 41 DEGREES EAST FROM THE EAST EDGE OF RUNWAY 5-23. THIS STATION IS DESIGNATED AS THE PRIMARY AIRPORT CONTROL STATION. THE MARK IS 1.1 M NORTH OF A WOODEN WITNESS POST.

TRAVERSE TIES



* Main Traverse Completed 1/29/96 by R. Gilman P.C. & T. Morse

ALIGNMENT
COORDINATES

Alignment Current as of April 7, 2010
 Horizontal Alignment Name: Mainline
 Description: TH 6

| | STATION | NORTHING | EASTING |
|----------------------------|----------|-----------------|--------------|
| POB | 9+75.00 | 303996.6963 | 1630860.6405 |
| PC | 10+00.00 | 303987.6404 | 1630883.9478 |
| PI | 12+20.48 | 303907.7916 | 1631089.4556 |
| Radius: | | 789.65 | |
| Delta: | | 31° 12' 00.000" | Right |
| Degree of Curvature (Arc): | | 7° 15' 20.930" | |
| Length: | | 430.00 | |
| Tangent: | | 220.48 | |
| Chord: | | 424.71 | |
| Middle Ordinate: | | 29.09 | |
| External: | | 30.20 | |
| PT | 14+30.00 | 303733.0332 | 1631223.8758 |
| POE | 14+40.00 | 303725.1067 | 1631229.9727 |

| | |
|------------|-------------|
| DATUM | |
| VERTICAL | NAVD 88 |
| HORIZONTAL | NAD 83 (92) |
| ADJUSTMENT | Compass |

| | |
|-----------------|---------------|
| PROJECT NAME: | SPRINGFIELD |
| PROJECT NUMBER: | BRO 1442(26) |
| FILE NAME: | x95j282f1.dgn |
| PROJECT LEADER: | K. HIGGINS |
| DESIGNED BY: | J. LACROIX |
| TIE SHEET | |
| PLOT DATE: | 30-AUG-2011 |
| DRAWN BY: | R. BULLOCK |
| CHECKED BY: | J. SALVATORI |
| SHEET | 8 OF 52 |