

1 National Geodetic Survey, Retrieval Date = July 25, 2007  
 JV6756 \*\*\*\*\*

JV6756 DESIGNATION - FOREST P1030

JV6756 PID - JV6756  
 JV6756 STATE/COUNTY- MD/HARFORD  
 JV6756 USGS QUAD - PERRYMAN (1984)

JV6756 \*CURRENT SURVEY CONTROL

JV6756\* NAD 83(1991)- 39 27 35.96548(N) 076 12 28.96283(W) ADJUSTED  
 JV6756\* NAVD 88 - 12.3 (meters) 40. (feet) VERTCON

JV6756 X - 1,175,539.428 (meters) COMP  
 JV6756 Y - -4,788,841.949 (meters) COMP  
 JV6756 Z - 4,031,861.703 (meters) COMP  
 JV6756 LAPLACE CORR- -2.38 (seconds) DEFLEC99  
 JV6756 ELLIP HEIGHT- -20.824 (meters) (09/18/02) GPS OBS  
 JV6756 GEOID HEIGHT- -33.14 (meters) GEOID03

JV6756 HORZ ORDER - FIRST  
 JV6756 ELLP ORDER - FOURTH CLASS II

JV6756.The horizontal coordinates were established by GPS observations  
 JV6756.and adjusted by the National Geodetic Survey in January 1992.

JV6756.The NAVD 88 height was computed by applying the VERTCON shift value to  
 JV6756.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)

JV6756.The X, Y, and Z were computed from the position and the ellipsoidal ht.

JV6756.The Laplace correction was computed from DEFLEC99 derived deflections.

JV6756.The ellipsoidal height was determined by GPS observations  
 JV6756.and is referenced to NAD 83.

JV6756.The geoid height was determined by GEOID03.

JV6756;		North	East	Units	Scale Factor	Converg.
JV6756;SPC MD	-	199,368.479	468,157.041	MT	1.00000176	+0 29 49.4
JV6756;SPC MD	-	654,094.75	1,535,945.23	sFT	1.00000176	+0 29 49.4
JV6756;UTM 18	-	4,368,520.602	396,072.440	MT	0.99973298	-0 46 04.2

JV6756!	-	Elev Factor	x	Scale Factor	=	Combined Factor
JV6756!SPC MD	-	1.00000327	x	1.00000176	=	1.00000503
JV6756!UTM 18	-	1.00000327	x	0.99973298	=	0.99973625

JV6756:		Primary Azimuth Mark	Grid Az
JV6756:SPC MD	-	FOREST AZ MK	204 25 34.5
JV6756:UTM 18	-	FOREST AZ MK	205 41 28.1

JV6756	PID	Reference Object	Distance	Geod. Az
JV6756				dddmss.s
JV6756	JV6757	FOREST AZ MK	433.539 METERS	2045523.9

JV6756

JV6756 SUPERSEDED SURVEY CONTROL  
 JV6756  
 JV6756 ELLIP H (01/27/92) -20.859 (m) GP( ) 4 1  
 JV6756 NAD 83(1986)- 39 27 35.95934(N) 076 12 28.96897(W) AD( ) 1  
 JV6756 NGVD 29 (06/18/91) 12.5 (m) 41. (f) GPS OBS  
 JV6756

JV6756.Superseded values are not recommended for survey control.  
 JV6756.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.  
 JV6756.[See file dsdata.txt](#) to determine how the superseded data were derived.  
 JV6756

JV6756\_U.S. NATIONAL GRID SPATIAL ADDRESS: 18SUJ9607268521(NAD 83)  
 JV6756\_MARKER: DD = SURVEY DISK  
 JV6756\_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT  
 JV6756\_SP\_SET: CONCRETE POST  
 JV6756\_STAMPING: 103 FOREST 1989  
 JV6756\_MARK LOGO: MD-025  
 JV6756\_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET  
 JV6756\_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO  
 JV6756+STABILITY: SURFACE MOTION  
 JV6756\_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR  
 JV6756+SATELLITE: SATELLITE OBSERVATIONS - 1989

JV6756  
 JV6756 HISTORY - Date Condition Report By  
 JV6756 HISTORY - 1989 MONUMENTED RDA  
 JV6756 HISTORY - 20011210 GOOD NGS  
 JV6756

JV6756 STATION DESCRIPTION

JV6756  
 JV6756'DESCRIBED BY RINKER DETWILER AND ASSOCIATES 1989  
 JV6756'THE STATION IS LOCATED IN SOUTHERN HARFORD COUNTY, MARYLAND ABOUT 0.6  
 JV6756'MILE SOUTHWEST OF THE VILLAGE OF PERRYMAN ON STATE HIGHWAY 159.  
 JV6756'TO REACH THE STATION FROM THE INTERSECTION OF U.S. HIGHWAY 40 AND  
 JV6756'STATE HIGHWAY 7 IN THE TOWN OF ABERDEEN PROCEED SOUTHWEST ALONG  
 JV6756'HIGHWAY 7 1.4 MILES TO ITS INTERSECTION WITH STATE HIGHWAY 159,  
 JV6756'PERRYMAN ROAD. TURN LEFT PROCEED SOUTHWEST ALONG PERRYMAN ROAD 2.0  
 JV6756'MILES TO THE STATION ON THE LEFT BETWEEN A PAVED PRIVATE DRIVE AND  
 JV6756'PERRYMAN ROAD.  
 JV6756'THE STATION IS A STANDARD HARFORD COUNTY STATION DISK SET IN CONCRETE  
 JV6756'ABOUT 1 INCH BELOW GROUND STAMPED 103 FOREST 1989. THE STATION IS  
 JV6756'61.6 FEET SOUTHWEST FROM G AND E POLE NUMBER 331480, 47.9 FEET  
 JV6756'NORTHEAST FROM A MAILBOX NUMBER 1709, AND 15.2 FEET SOUTHEAST FROM THE  
 JV6756'SOUTHEAST EDGE OF PAVEMENT OF PERRYMAN ROAD.

JV6756  
 JV6756 STATION RECOVERY (2001)  
 JV6756

JV6756'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 2001 (DB)  
 JV6756'THIS REPORT WAS SUBMITTED BY THE US POWER SQUADRONS.

**RINKER-DETWILER INFORMATION FROM HARFORD COUNTY SURVEY CONTROL BOOK  
 NAD 83/86 COORDINATES - NGVD29 ELEVATIONS**

LATITUDE 039 27 35.95850 NORTH(sf) 654094.040  
 LONGITUDE 076 12 28.96901 EAST(sf) 1535944.746  
 GRID AZ. 204 25 30.9 ELEV. GPS OBS. 41.15 ft.

1 National Geodetic Survey, Retrieval Date = July 25, 2007  
 JV6757 \*\*\*\*\*

**P1031**

JV6757 DESIGNATION - FOREST AZ MK  
 JV6757 PID - JV6757  
 JV6757 STATE/COUNTY- MD/HARFORD  
 JV6757 USGS QUAD - PERRYMAN (1984)  
 JV6757  
 JV6757 \*CURRENT SURVEY CONTROL  
 JV6757  
 JV6757\* NAD 83(1991)- 39 27 23.21690(N) 076 12 36.60459(W) ADJUSTED  
 JV6757\* NAVD 88 - 11.8 (meters) 39. (feet) VERTCON  
 JV6757  
 JV6757 X - 1,175,421.478 (meters) COMP  
 JV6757 Y - -4,789,127.800 (meters) COMP  
 JV6757 Z - 4,031,557.841 (meters) COMP  
 JV6757 LAPLACE CORR- -2.37 (seconds) DEFLEC99  
 JV6757 ELLIP HEIGHT- -21.302 (meters) (09/18/02) GPS OBS  
 JV6757 GEOID HEIGHT- -33.15 (meters) GEOID03  
 JV6757  
 JV6757 HORZ ORDER - FIRST  
 JV6757 ELLP ORDER - FOURTH CLASS II  
 JV6757

JV6757.The horizontal coordinates were established by GPS observations  
 JV6757.and adjusted by the National Geodetic Survey in January 1992.

JV6757.The NAVD 88 height was computed by applying the VERTCON shift value to  
 JV6757.the NGVD 29 height (displayed under SUPERSEDED SURVEY CONTROL.)

JV6757.The X, Y, and Z were computed from the position and the ellipsoidal ht.

JV6757.The Laplace correction was computed from DEFLEC99 derived deflections.

JV6757.The ellipsoidal height was determined by GPS observations  
 JV6757.and is referenced to NAD 83.

JV6757.The geoid height was determined by GEOID03.

JV6757;		North	East	Units	Scale Factor	Converg.
JV6757;SPC MD	-	198,973.743	467,977.763	MT	1.00000113	+0 29 44.6
JV6757;SPC MD	-	652,799.69	1,535,357.04	sFT	1.00000113	+0 29 44.6
JV6757;UTM 18	-	4,368,130.025	395,884.543	MT	0.99973346	-0 46 08.8

JV6757!  
 JV6757!SPC MD - Elev Factor x Scale Factor = Combined Factor  
 - 1.00000334 x 1.00000113 = 1.00000447  
 JV6757!UTM 18 - 1.00000334 x 0.99973346 = 0.99973680

JV6757:		Primary Azimuth Mark	Grid Az
JV6757:SPC MD	-	FOREST	024 25 34.5
JV6757:UTM 18	-	FOREST	025 41 27.9

JV6757	PID	Reference Object	Distance	Geod. Az
JV6757				dddmss.s
JV6757	JV6756	FOREST	433.539 METERS	0245519.1

JV6757

JV6757 SUPERSEDED SURVEY CONTROL  
 JV6757  
 JV6757 ELLIP H (01/27/92) -21.336 (m) GP( ) 4 1  
 JV6757 NAD 83(1986)- 39 27 23.21075(N) 076 12 36.61072(W) AD( ) 1  
 JV6757 NGVD 29 (06/18/91) 12.1 (m) 40. (f) GPS OBS  
 JV6757

JV6757.Superseded values are not recommended for survey control.  
 JV6757.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.  
 JV6757.[See file dsdata.txt](#) to determine how the superseded data were derived.  
 JV6757

JV6757\_U.S. NATIONAL GRID SPATIAL ADDRESS: 18SUJ9588568130(NAD 83)  
 JV6757\_MARKER: DZ = AZIMUTH MARK DISK  
 JV6757\_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT  
 JV6757\_SP\_SET: CONCRETE POST  
 JV6757\_STAMPING: 103 FOREST 1989  
 JV6757\_MARK LOGO: MD-025  
 JV6757\_MAGNETIC: M = MARKER EQUIPPED WITH BAR MAGNET  
 JV6757\_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJECT TO  
 JV6757+STABILITY: SURFACE MOTION  
 JV6757\_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABLE FOR  
 JV6757+SATELLITE: SATELLITE OBSERVATIONS - 1989

JV6757  
 JV6757 HISTORY - Date Condition Report By  
 JV6757 HISTORY - 1989 MONUMENTED RDA  
 JV6757 HISTORY - 20011210 GOOD NGS  
 JV6757

JV6757 STATION DESCRIPTION

JV6757  
 JV6757'DESCRIBED BY RINKER DETWILER AND ASSOCIATES 1989  
 JV6757'TO REACH THE AZIMUTH FROM THE STATION PROCEED SOUTHWEST ALONG PERRYMAN  
 JV6757'ROAD 0.2 MILE TO THE MARK ON THE LEFT ON TOP OF A BANK.  
 JV6757'THE MARK IS A STANDARD HARFORD COUNTY AZIMUTH DISK SET IN CONCRETE  
 JV6757'ABOUT 1 INCH BELOW GROUND STAMPED 103 FOREST 1989. THE MARK IS ABOUT  
 JV6757'92 YARDS SOUTHWEST OF THE INTERSECTION OF PERRYMAN ROAD AND CANNING  
 JV6757'HOUSE ROAD, 30 YARDS NORTHWEST OF RAILROAD TRACKS, 60.3 FEET SOUTHEAST  
 JV6757'FROM G AND E POLE NUMBER 339728, 18.8 FEET SOUTHEAST FROM THE  
 JV6757'SOUTHEAST EDGE OF PAVEMENT OF PERRYMAN ROAD AND 1422.36 FEET FROM THE  
 JV6757'STATION.

JV6757  
 JV6757 STATION RECOVERY (2001)  
 JV6757

JV6757'RECOVERY NOTE BY NATIONAL GEODETIC SURVEY 2001 (DB)  
 JV6757'THIS REPORT WAS SUBMITTED BY THE US POWER SQUADRONS.

**RINKER-DETWILER INFORMATION FROM HARFORD COUNTY SURVEY CONTROL BOOK  
 NAD 83/86 COORDINATES - NGVD29 ELEVATIONS**

LATITUDE	039 27 23.20986	NORTH(sf)	652798.972
LONGITUDE	076 12 36.61046	EAST(sf)	1535356.589
GRID AZ.	024 25 30.9	ELEV. GPS OBS.	39.58 ft.

103  
FOREST  
1989

G/E POLE  
# 331480

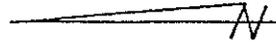
STATION

PAYED PRIVATE DRIVE

61.6'  
E.P.2  
PERRYMAN RD.  
HIGHWAY 159

MAIL BOX  
# 1709

R.R. TRACKS



CANNING HOUSE RD.

92.2 YDS  
E.P.2  
PERRYMAN RD.  
HIGHWAY 159

30 YDS  
TO TRACKS

AZIMUTH  
MARK

G/E POLE  
# 335728

RINKER-DETWILER & ASSOCIATES, P.C.

Engineering • Surveying • Land Planning  
Global Positioning System • Mapping

