



### RECORD OF SURVEY CONTROL - HORIZONTAL

<b>STATION NAME:</b>	TTS 22 T	<b>PROJECT SR:</b>	0006-CDG	<b>COUNTY:</b>	LACKAWANNA
----------------------	----------	--------------------	----------	----------------	------------

#### GENERAL INFORMATION

<b>Locality:</b>	Waymart, PA	<b>PAMS Code:</b>	9007
<b>Established By:</b>	USGS	<b>Date Established:</b>	1932
<b>Type of Mark:</b>	Bench Mark Disk in Rock Outcrop	<b>Stamping:</b>	"F 56 1934"

#### SPECIFICATIONS

<b>Horizontal Control Derived By:</b>	GPS	<b>Horizontal Order Accuracy:</b>	3 cm
<b>Vertical Control Derived By:</b>	Differential	<b>Vertical Order Accuracy:</b>	Second Class 0
<b>Horizontal Datum:</b>	NAD83 (2011)	<b>Vertical Datum:</b>	NAVD88

#### LINKS TO OPTIONAL DATASHEETS

<b>NGS DATASHEET:</b>	<a href="http://www.ngs.noaa.gov/cgi-bin/ds_mark.pr?PidBox=LY1050">http://www.ngs.noaa.gov/cgi-bin/ds_mark.pr?PidBox=LY1050</a>
<b>OPUS SHARED DATASHEET:</b>	N/A

#### CONTROL TIES

<b>HARN Stations that derived this station's original position:</b>	KeyNet VRS
<b>Benchmarks that derived this station's original elevation:</b>	N/A

#### GEODETIC COORDINATES

<b>Latitude:</b>	N 41° 34' 30.08616"	<b>Ellipsoidal Height (US FT):</b>	510.833
<b>Longitude:</b>	W 75° 27' 05.40257"	<b>Ellipsoidal Height (US FT):</b>	1675.957
<b>Convergence:</b>	1°31'14"	<b>NGS Geoid Model Type:</b>	GEOID12A

#### PA STATE PLANE COORDINATES - NORTH ZONE

<b>Northing (Meters):</b>		<b>Northing (US FT):</b>	521480.8496	<b>Grid Scale Factor:</b>	0.9999606127
<b>Easting (Meters):</b>		<b>Easting (US FT):</b>	2597318.2197	<b>Elevation Scale Factor:</b>	0.9999200333
<b>Elevation (Meters):</b>	541.642	<b>Elevation (US FT):</b>	1777.04	<b>Combined Scale Factor:</b>	0.9998806491

#### AZIMUTHS

<b>Companion Station:</b>	N/A	<b>Secondary Azimuth Mark :</b>	N/A
<b>Grid Azimuth:</b>	N/A	<b>Secondary Grid Azimuth:</b>	N/A
<b>Grid Distance (US FT):</b>	N/A	<b>Description:</b>	N/A
<b>Combined Factor:</b>	N/A		
<b>Description:</b>	N/A		

#### REFERENCE TIES

Number	Type of Reference Mark	Meters	US FT
1	N/A		
2	N/A		
3	N/A		

#### TO REACH DESCRIPTION & SKETCH

DESCRIBED BY COAST AND GEODETIC SURVEY 1934 20 FEET EAST OF HIGHWAY STATION 0/20, 30 FEET SOUTH OF THE CENTER LINE OF THE HIGHWAY, IN AN OUTCROP OF ROCK, AND ABOUT 5 FEET HIGHER THAN THE HIGHWAY. A UNITED STATES GEOLOGICAL SURVEY STANDARD DISK, STAMPED TT 22 T 1932.

