



OTTAWA COUNTY BENCHMARK DATA SHEET



POR 32-0.8

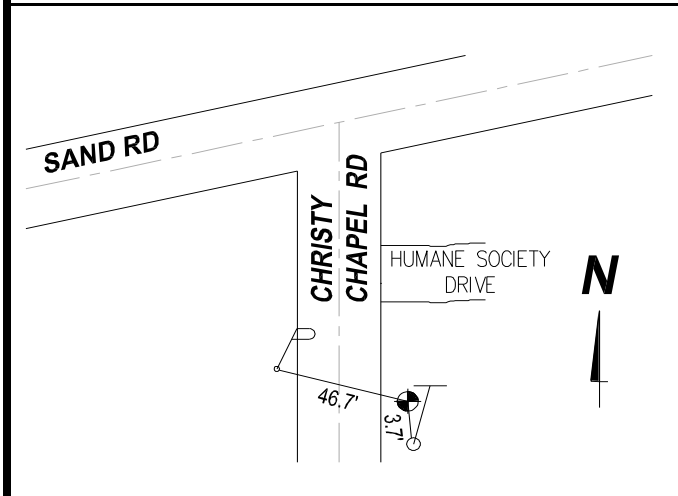
Township	Section	Town	Range	Type of Monument
Portage	34	T7N	R17E	3 1/4" Domed Bronze Disk in Concrete (OCE Spec. BM-1)
Set By	Shot By	Calculated	Calculated By	Published
OCE / OCHD	J. Allen	March 8, 2012	M. J. Wittman, P.S.	March 16, 2012

Location

East side of Christy Chapel Rd., T.R. #32, south of Sand Rd., T.R. #31

Vertical Control		
Vertical Datum	Method	Elevation (U.S. Survey Feet)
NAVD 88	GPS	574.08

Horizontal Control			
Horizontal Datum	Zone	Northing	Easting
NAD 83 CORS 96	OHIO NORTH 3401	676,064.056	1,862,887.349
Method	Latitude	Longitude	
GPS / CORPSCON	41° 31' 17.99076" N	82° 53' 08.43884" W	
Geoid	Scale Factor	Convergence	
GEOID 09	0.999970481	- 00° 15' 12.13533"	



- NOTES:**
1. Monument set: August 23, 2011
 2. Data Collected: 2-6-12, 2-14-12, 3-2-12