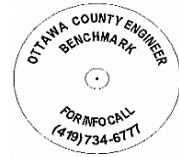


OTTAWA COUNTY BENCHMARK DATA SHEET



HAR 51-1.0

Township	Section	Town	Range	Type of Monument
HARRIS	24	T6N	R13E	3 1/4" Domed Bronze Disk in Concrete (OCE Spec. BM-1)
Set By	Shot By	Calculated	Calculated By	Published
ODOT	J. Allen	March 14, 2012	M. J. Wittman, P.S.	March 16, 2012

Location

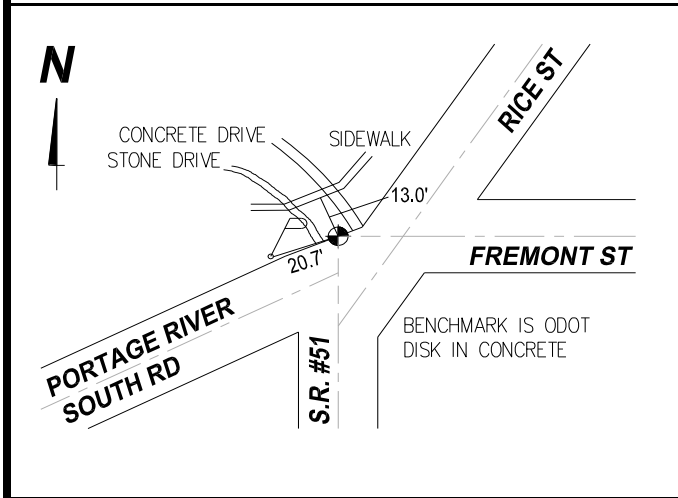
ODOT Disk at Intersection of Portage River South Rd., C.R. #18 and State Route #51

Vertical Control

Vertical Datum	Method	Elevation (U.S. Survey Feet)
NAVD 88	GPS	616.45

Horizontal Control

Horizontal Datum	Zone	Northing	Easting
NAD 83 CORS 96	OHIO NORTH 3401	658,817.463	1,749,329.790
Method	Latitude	Longitude	
GPS / CORPSCON	41° 28' 19.97126" N	83° 17' 59.18440" W	
Geoid	Scale Factor	Convergence	
GEOID 09	0.999964019	- 00° 31' 31.48109"	



- NOTES:**
1. Monument set: Unknown
 2. Data Collected: 2-9-12, 2-17-12, 3-9-12