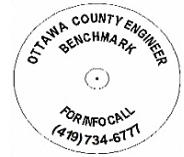




OTTAWA COUNTY BENCHMARK DATA SHEET



HAR 590-1.0

Township	Section	Town	Range	Type of Monument
HARRIS	23	T6N	R14E	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 14, 2012	M. J. Wittman, P.S.	March 16, 2012

Location

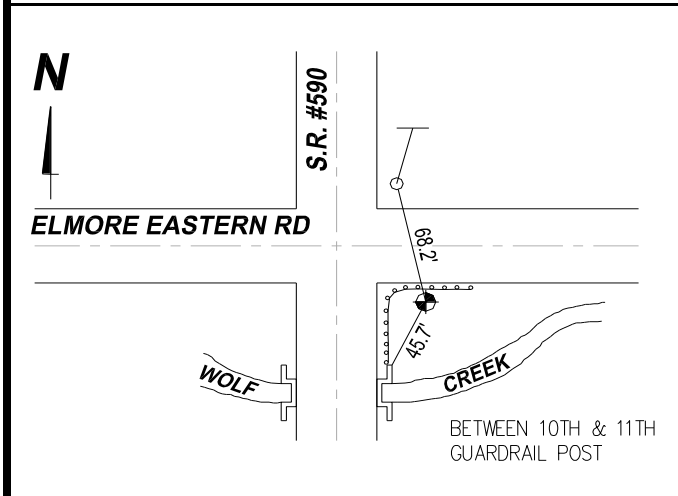
Southeast corner of the intersection of State Route #590 & Elmore Eastern Rd., C.R. #6

Vertical Control

Vertical Datum	Method	Elevation (U.S. Survey Feet)
NAVD 88	GPS	602.20

Horizontal Control

Horizontal Datum	Zone	Northing	Easting
NAD 83 CORS 96	OHIO NORTH 3401	658,787.333	1,770,922.184
Method	Latitude	Longitude	
GPS / CORPSCON	41° 28' 21.53352" N	83° 13' 15.54086" W	
Geoid	Scale Factor	Convergence	
GEOID 09	0.999964072	- 00° 28' 25.14138"	



- NOTES:**
1. Monument set: August 23, 2011
 2. Data Collected: 2-28-12, 3-9-12, 3-12-12