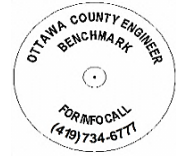


# OTTAWA COUNTY BENCHMARK DATA SHEET



## BEN 23-5.0

<b>Township</b>	<b>Section</b>	<b>Town</b>	<b>Range</b>	<b>Type of Monument</b>
Benton	1	T7N	R14E	3 1/4" Domed Bronze Disk in Concrete (OCE Spec. BM-1)
<b>Set By</b>	<b>Shot By</b>	<b>Calculated</b>	<b>Calculated By</b>	<b>Published</b>
OCE / OCHD	J. Allen	March 8, 2012	M. J. Wittman, P.S.	March 16, 2012

### Location

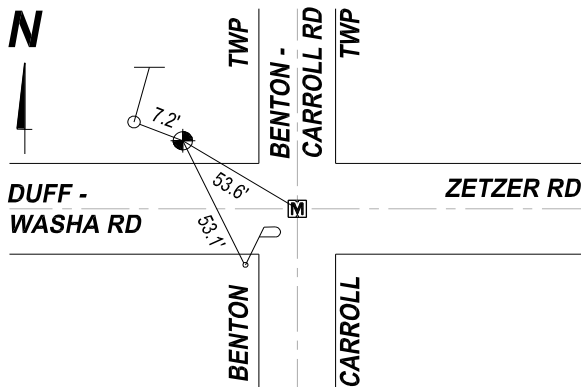
Northwest corner of the intersection of Benton-Carroll Rd., C.R. #23 & Duff-Washa Rd., C.R. #24

### Vertical Control

<b>Vertical Datum</b>	<b>Method</b>	<b>Elevation (U.S. Survey Feet)</b>
NAVD 88	GPS	575.94

### Horizontal Control

<b>Horizontal Datum</b>	<b>Zone</b>	<b>Northing</b>	<b>Easting</b>
NAD 83 CORS 96	OHIO NORTH 3401	701,156.666	1,781,695.678
<b>Method</b>	<b>Latitude</b>	<b>Longitude</b>	
GPS / CORPSCON	41° 35' 20.98522" N	83° 10' 58.37554" W	
<b>Geoid</b>	<b>Scale Factor</b>	<b>Convergence</b>	
GEOID 09	0.999980509	- 00° 26' 55.03058"	



### NOTES:

1. Monument set: July 6, 2011
2. Data Collected: 2-2-12, 2-10-12, 2-27-12