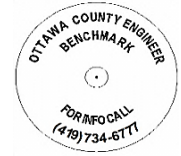


# OTTAWA COUNTY BENCHMARK DATA SHEET



## CAR 101-2.0

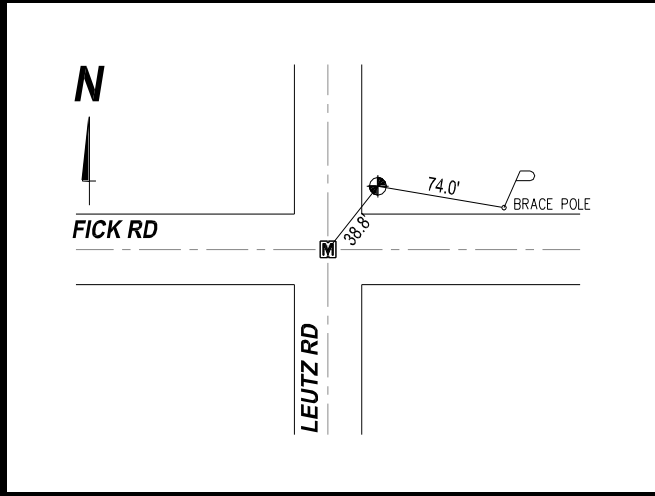
<b>Township</b>	<b>Section</b>	<b>Town</b>	<b>Range</b>	<b>Type of Monument</b>
CARROLL	14	T7N	R15E	3 1/4" Domed Bronze Disk in Concrete (OCE Spec. BM-1)
<b>Set By</b>	<b>Shot By</b>	<b>Calculated</b>	<b>Calculated By</b>	<b>Published</b>
OCE / OCHD	J. Allen	March 8, 2012	M. J. Wittman, P.S.	March 16, 2012

**Location**

Northeast Corner of the Intersection of Leutz Rd., T.R. #101 & Fick Rd., T.R. #95

Vertical Control		
<b>Vertical Datum</b>	<b>Method</b>	<b>Elevation (U.S. Survey Feet)</b>
NAVD 88	GPS	575.96

Horizontal Control			
<b>Horizontal Datum</b>	<b>Zone</b>	<b>Northing</b>	<b>Easting</b>
NAD 83 CORS 96	OHIO NORTH 3401	690,280.128	1,802,596.651
<b>Method</b>	<b>Latitude</b>	<b>Longitude</b>	
GPS / CORPSCON	41° 33' 35.05562" N	83° 06' 22.32984" W	
<b>Geoid</b>	<b>Scale Factor</b>	<b>Convergence</b>	
GEOID 09	0.999975966	-00° 23' 53.68227"	



**NOTES:**

1. Monument set: July 5, 2011
2. Data Collected: 2-3-12, 2-13-12, 2-27-12