

Lorain County Engineer's Office

Geodetic Survey Marker

Station Name: <u>99-31</u>	Alias: <u>None</u>	GPS#: <u>0031</u>
USGS Quad: <u>Avon</u>	Township: <u>Elyria</u>	
Type of Mark: <u>Rod in Sleeve</u>	Set By: <u>Surdex/Weh</u>	
Stamping on Mark: <u>Lorain County Auditor #99-31</u>		Date Set: <u>2000</u>
Horizontal Datum: <u>NAD83(1986)</u>	Horizontal Order: <u>First</u>	Method: <u>GPS</u>
Latitude: <u>41-25-06.301097</u>	Longitude: <u>82-04-04.332476</u>	
North (y) Meters: <u>194616.533</u>	East (x) Meters: <u>636124.763</u>	
North (y) Feet: <u>638504.408</u>	East (x) Feet: <u>2087019.326</u>	
Convergence: <u>0-17-02.00</u>	Combined Factor: <u>0.99993024</u>	
State Plane Coordinate System Zone: <u>Ohio North (3401)</u>		
Vertical Datum: <u>NAVD88</u>	Vertical Order: <u>Second</u>	
Elevation (z) Meters: <u>210.358</u>	Elevation (z) US Feet: <u>690.149</u>	

Location: THE MONUMENT IS APPROXIMATELY ON THE ELYRIA/NORTH RIDGEVILLE TOWNSHIP LINE ABOUT 30 FEET WEST OF THE NORFOLK-SOUTHERN RAILROAD, ABOUT 50 FEET EAST OF A GRAVEL ACCESS ROAD TO A COMMUNICATIONS TOWER/MONOPOLE AND ABOUT 83 FEET SOUTHERLY OF THE COMMON SHEFFIELD/AVON/ELYRIA/NORTH RIDGEVILLE TOWNSHIP CORNER. THE STATION IS AN ALUMINUM ROD IN A "3D" SURVEY MONUMENT CYLINDER.

