

**Regulatory, Warning, and Guide Signs - General Specifications**

Plan Designation: Item 630 Sign, Flat Sheet (ASTM Type \_\_\_\_), As Per Plan

Plan Unit: Per SF

Plan Payment: Payment for Sign, Flat Sheet shall be per square foot and shall include the City of Hilliard identification stickers.

All sign installations shall include a City of Hilliard identification sticker, which provides the month and year that the sign is installed. Stickers shall be obtained from the City of Hilliard sign shop (contact: Dave Dale (614) 334-2355).

**Sign Material.** Sign sheeting material shall comply with ASTM D4956 Type VIII (3M Diamond Grade LDP 3970, Avery Dennison MVP Prismatic T-7500, or approved equal) for the following types of signs:

- School Zone Speed Limit signs
- School Crossing/Warning signs and placards
- Pedestrian and Bicycle Warning signs
- STOP signs along or intersecting arterial/collector streets
- YIELD signs at roundabouts

Sign sheeting material shall comply with ASTM D4956 Type IV (3M High Intensity Prismatic 3930, Avery Dennison High Intensity Prismatic T-6500, or approved equal) for all other types of signs.

**Reflective Strips.** 2-inch wide reflective sheeting strips shall be used on all sign posts located in raised medians for emphasis and to increase visibility; these reflective strips may be used on sign posts at other locations as determined by the City of Hilliard.

	<b>TRAFFIC CONTROL NOTES AND DETAILS</b>	<b>CITY OF HILLIARD, OHIO</b>	
DATE: July 29, 2015	<b>REGULATORY, WARNING &amp; GUIDE SIGNS</b>	STANDARD CONSTRUCTION DRAWING	
SCALE: N.T.S.	GENERAL SPECIFICATIONS	1/2	TC-2

**Regulatory, Warning, and Guide Signs - Support and Anchor Specifications**

Plan Designation: Item 630 Ground Mounted Sign Support, As Per Plan

Plan Unit: Per Linear Foot

Plan Payment: Payment for each ground mounted sign support shall include the appropriate length post to obtain an 8-inch minimum lap length into the anchor and the proper vertical clearance as indicated below. Payment for the sign supports shall include the anchors, pyramid rain caps, rivets, bolts, nuts, and all incidental hardware needed for a complete installation.

Sign Supports. All sign supports shall be 2-inch by 14 gauge square galvanized posts with die cut knockouts (Telespar quik-punch signposts or approved equal) and a single breakaway anchor. Pyramid rain caps shall be used.

Anchors. Anchors shall be 2 ¼-inch square, 42 inches long, and embedded such that 2 inches of the anchor remains above ground level. The overlap of the post within the anchor sleeve shall be 8 inches minimum. For all signs installed in concrete or paver islands, a six-inch PVC pipe box out shall be provided for the post anchor. The PVC box out shall be installed prior to pouring concrete or placing pavers. After the sign post anchor is installed, granular material shall be installed between the post anchor and the PVC box out.

Vertical Clearance. Signs shall be erected with a 7-foot vertical clearance between the edge of the pavement or top of curb and the bottom of the primary sign, unless otherwise stated in the plans. For signs with more than one sign on a post, the vertical clearance for any secondary sign or placard may be between 5 feet and 7 feet. No signs shall be erected with less than a 5-foot vertical clearance.

Horizontal Clearance. Horizontal clearance for both curb and open ditch street sections shall be per OMUTCD standards.

**Old Hilliard District.** In the Old Hilliard District, the above sign supports and anchor specifications apply except all sign supports and hardware shall be black.

**Conservation District.** In the Conservation District, the sign support and anchor specifications are per Hilliard standard construction drawing TC-3. The vertical and horizontal clearance and installation requirements herein apply.

	<b>TRAFFIC CONTROL NOTES AND DETAILS REGULATORY, WARNING &amp; GUIDE SIGNS SUPPORT &amp; ANCHOR SPECS</b>	<b>CITY OF HILLIARD, OHIO</b>	
DATE: July 29, 2015		STANDARD CONSTRUCTION DRAWING	
SCALE: N.T.S.		2/2	TC-2