

SPECIFICATIONS
TrafficGuard Single Post (LPHDHB, HDHB)

PART 1 GENERAL

1.1 SECTION INCLUDES

1.1.1 Collapsible bollards & base plates

1.2 PART SPECIFICATIONS

1.2.1 ASTM A500 – bollard post

LPHDHB consists of 6" x 3" x 3/8" steel tube

HDHB consists of 6" x 4" x 3/8" steel tube

1.2.2 ASTM A36 – bollard base plate

LPHDHB & HDHB consist of 12" x 12" base plate

1.2.3 8-18 Stainless Steel - 3/4" x 8" lock & hinge pins

1.3 PERFORMANCE REQUIREMENTS

1.3.1 Bollard will collapse to a 4 inch clearance (LPHDHB) or 5 inch clearance (HDHB) allowing vehicle traffic to pass.

1.3.2 Bollard locks in upright position with stainless steel lock pin & padlock.

1.4 SUBMITTALS

1.4.1 Submittals document can be found at www.trafficguard.net under "document library" or enclosed with bollard purchase. Follow manufacturer's specifications and installation instructions as required.

1.5 QUALITY

1.5.1 Bollard and base plate must be supplied by TrafficGuard to provide consistent quality in appearance and performance.

1.6 DELIVERY, STORAGE AND HANDLING

1.6.1 Inspect materials upon receipt ensure that the correct materials have been received and that they are in good condition.

1.6.2 If not installing immediately, store units to avoid damage from other construction activities and elements.

PART 2 PRODUCTS

2.1 MANUFACTURERS

2.1.1 TrafficGuard, Inc., P.O. Box 201, Geneva, IL 60134, Tel 877-727-7347, Fax 800-814-7194, Website: <http://www.trafficguard.net>

2.1.2 The TrafficGuard Single post is available in two styles.

Architect should specify the following body style:

LPHDHB – 4” clearance, 30” height

HDHB – 5” clearance, 30” height

2.2 MATERIALS

2.2.1 Bollards supplied should be free from surface blemishes and defects where exposed to view in the finished installation.

2.2.2 Steel Tube: ASTM A500

2.2.3 Steel Plate: ASTM A36

2.2.4 Steel Pins: 18-8 stainless steel

2.3 FABRICATION

2.3.1 After fabrication all units are prepared by removing scale and slag through the sand blasting process.

2.4 FINISHES

2.4.1 All surfaces are primed with rust & corrosion resistant, zinc rich primer w/ 5,000 hour salt spray performance.

2.4.2 Standard finish, TGIC Polyester outdoor finish RAL1028 Yellow. TGIC Polyester powder definition; meets decorative and functional requirements for gloss retention, physical properties, chemical resistance and weatherability.

PART 3 EXECUTION

3.1 INSTALLATION

3.1.1 Comply with manufacturer provided instructions and drawings.

3.1.2 Provide LPHDHB / HDHB anchor system of your choice.

3.1.3 Install LPHDHB / HDHB base true and level on your selected anchor system using the flat washers and hex nuts included in your anchor system kit.

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- 3.1.4 Install LPHDHB /HDHB post to LPHDHB /HDHB base using hinge bolt, flat washer, and hex nut. Tack weld hex nut to hinge bolt so it cannot be easily removed.
- 3.1.5 Install locking pin thru up position bollard post and install padlock.
- 3.1.6 If touch up painting in the field, be careful not to paint moving parts which may restrict the bollard's proper function.

3.2 SITE STORAGE AND PROTECTION

- 3.2.1 Upon receipt of bollard unit(s) all materials should be thoroughly inspected to ensure that all parts have been received in good condition.
- 3.2.2 Store units in a dry location away from possible damage until the time of installation.