

SPECIFICATIONS
TrafficGuard Hinged Round Post (HRP36, HRP48)

PART 1 GENERAL

1.1 SECTION INCLUDES

1.1.1 Collapsible bollards & base plates

1.2 PART SPECIFICATIONS

1.2.1 ASTM A513 Type 1 – bollard post
HRP consists of 2.5” OD, schedule 40 pipe with welded in place end caps.

1.2.2 ASTM A36 – bollard base plate
HRP consists of 10” x 10” base plate

1.2.3 8-18 Stainless Steel - 1” x 5” lock & hinge pins

1.3 PERFORMANCE REQUIREMENTS

1.3.1 Bollard will collapse to a 4 inch clearance 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 Different heights are available for the Hinged Round Post to fit different size requirements.
Architect should specify the following body style:
 - HRP36 – 4” clearance, 36” height
 - HRP48 – 4” clearance, 48” height

2.2 MATERIALS

- 2.2.1 Bollards supplied should be free from surface blemishes and defects in the finished installation.
- 2.2.2 Steel Pipe: ASTM A513 Type 1
- 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 HRP anchor system of your choice.
- 3.1.3 Install HRP base true and level on your selected anchor system using the flat washers and hex nuts included in your anchor system kit.

- 3.1.4 Install HRP post to HRP 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.