

SPECIFICATIONS

Round Post Twist-In Removable Bollards (RPT 3501L, RPT4501L, RPT6601L)

PART 1 GENERAL

1.1 SECTION INCLUDES

1.1.1 Removable bollards and ground sleeves

1.2 PART SPECIFICATIONS

1.2.1 ASTM A513 Type 1 – bollard post

1.2.2 ASTM A513 – bollard ground sleeve pipe

1.2.3 ASTM A36 – lid assembly

1.3 PERFORMANCE REQUIREMENTS

1.3.1 Bollard will remove completely from the ground sleeve and provide flush surface when galvanized lid drops down on the open ground sleeve.

1.3.2 To replace, lift lid, lower bollard down and twist into place.

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 ground sleeves 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 body styles for the Round Post Twist-In are available to fit strength and aesthetic requirements.
Architect should specify different body styles:
 - RPT3501L - 3.5" OD, 36" height
 - RPT4501L - 4.5" OD, 36" height
 - RPT6601L - 6.625" OD, 36" 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 A513 Type 1, ASTM A513, Type 5
- 2.2.3 Steel Plate: ASTM A36

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 Ground sleeves should be installed with the top of the sleeve set flush with the finished surface.
- 3.1.3 Ensure that a minimum of a 3 inch gravel base is put down prior to installation to ensure drainage of the bollard, per installation details.
- 3.1.4 Bollard should not be inserted into the ground sleeve until it is leveled and fully cured. Attach bollard per manufacturer instructions.

3.1.5 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 are received in good condition.

3.2.2 Store units in a dry location away from possible damage until the time of installation.