

## SPECIFICATIONS

### Embedded Bollards (RFP3560R, RFP4560R, RFP6660R)

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

###### 1.1.1 Embedded bollards.

##### 1.2 PART SPECIFICATIONS

###### 1.2.1 ASTM A513 Type 1 – bollard post

##### 1.3 PERFORMANCE REQUIREMENTS

###### 1.3.1 Bollard will be embedded in concrete footing with a 24" embedment and 36" above finished grade.

##### 1.4 SUBMITTALS

###### 1.4.1 Submittals document can be found at [www.trafficguard.net](http://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 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>

TrafficGuard, Inc. – PO Box 201 – Geneva, IL 60134

Phone: 877-727-7347 Fax: 800-814-7194 Web: [www.traffiguard.net](http://www.traffiguard.net)

- 2.1.2 Different body styles for the Embedded Fixed Bollard are available to fit strength and aesthetic requirements.

Architect should specify different body styles:

RFP3560R - 3.5" OD, 36" height above grade, 24" below grade  
RFP4560R – 4.5" OD, 36" height above grade, 24" below grade  
RFP6660R – 6.625" OD, 36" height above grade, 24" below Grade.

## 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

## 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 Bollard should have 24" embedded in recommended concrete footing with 36" exposed above finished grade.

## 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.