

SOLID GRANITE BOLLARDS - SPECIFICATION DATA

Applications: Cost effective beautiful and enduring Granite Bollards available for any design and

security requirement: Entry/Landscape forms, lasting fence/gate posts, markers/signage,

fountains, pedestals, rail supports, fitted for chains, etc.

Description: Many Finishes available: Polished, Honed, Flamed/Thermal, Natural Rock faced,

Bush-Hammered, Sandblasted, Chiseled, rough picked, (others finishes available)

Core drilled to be installed over 4", 6", or 8" steel pipe (others sizes available)

Standard height: 36" or 42" (others sizes available up to 96") Dimensions:

Standard width: 8", 10", 12", 14", 16", 18", 20" (others sizes available up to 96")

- Price points are competitive with precast, cement, and metal Bollards Comments:

- Bollards easily customized allowing for design of one of a kind projects

- Finishes from rustic to refined

- Establish curb appeal by retrofiting existing pipe Bollards

- Incorporate different types of lighting systems

- Illuminated Granite Bollard designs available soon

- Use as benches, sitting areas, sculpture, signage, planters, pedestals or retaining walls

- Easily converted into pedestal sinks, fountains & water features

- Color, texture, pattern, and markings of all natural stone will have some variation

Installation: Option #1) Core drilled 24" or up to 30" deep and bonded

to 4", 6" or 8" stainless or galvanized steel pipe (others sizes available)

Option #2) Portion of Bollard set below grade Option #3) Drilled to fit specified rebar supports Option #4) Removable Bollard installation system

Colors: Over 50 Granite & Marble

selections available from

economical to exotic

Technical

Test data available upon Specifications:

request

Tolerances: Dependant on finish selected

Weight: 170 lbs. per cubic ft. 5"D X 30" Hollow Core to be bonded on previously installed cement filled plumb 4" steel pipe

Structural grade

silicone applied in

2" thick mound on

top of steel pipe

Seating bead of -Structural grade silicone adhesive

Specified footing

30" b9"