- **Bollard - Metal Fixed**


**Concrete Foundation**: Use Core Drill to Cut and Remove Circular Area of Existing Paving 14".

**Pipe**: 6" Sch. 40 Pipe (6.825")

**Reflective Tape**: 0.25" Deep for Reflective Tape. Apply Reflective Tape in Groove Before Installing in Ground. Tape to Be: 3M Scotchlite Diamond Grade Series 981, White.


**Foundation**: 14" Ø Concrete Foundation. Use Core Drill to Cut and Remove Circular Area of Existing Paving 14".

**Installation**: Install Bollards at 3' +/− Above Ground, Level with Adjacent Bollard(s) or Evenly Sloped with Grade.

**Spacing**: Standard Spacing: 5'-4" O.C.

**Fire Access Spacing**: See FDG Detail CS-307.

**Note**: This Bollard is Typically Used When a Metal Bollard is Desired to Control Circulation or Protect Utilities or Structures From Vehicle Damage. Any Campus Bollard Installation Must Use an FDG Standard Approved for its Location by the UA/CPD.