

SPECIFICATIONS

MATERIAL
The B4-8 bollard shall be fabricated with 6" (Ø.625") OD, 180-wall steel pipe. The standard B4 bollard shall have two decorative reveals, one at the top and one at the bottom. The number of reveals and their location can be changed to complement project designs. Top options are flat top, dome top or a sphere. All steel shall conform to ASTM A502. The in-ground receiver, for removable bollard only shall be fabricated with 6.625" OD steel sleeve welded to a 3" x 5" locknut.

PROTECTIVE COATINGS
Powder Coating: Following fabrication bollards shall be cleaned and treated with an iron phosphate process prior to the coating application. This process shall include a non-chromated alkaline cleaner, and an iron phosphate treatment followed with an acidic sealer for maximum adhesion. The protective coating shall be either polyester or polyester TGIC powder. Following application the parts shall be baked until properly cured. The coating shall be a minimum of 4 mils thick on all surfaces.
Note: Unless otherwise specified, bollards shall be powder coated a standard FairWeather color.
Hot Dip Galvanizing: Following fabrication, the receiver shall be hot dip galvanized to standard ASTM A152, 3 to 4 mils thick.

Options: Sch 40 or Sch 80 pipe, eye bolts, number of reveals.
On removable bollards, receiver cover, lock well cover and padlock.
Mounting: Surface, removable or embed.

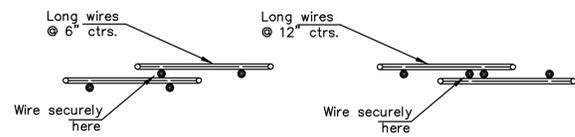
Please Note: Depth and diameter of installation hole may vary with soil conditions. Consult project engineer for correct dimensions.

Model B4-8" Bollards with Interchangeable Tops, and Mounting Options

BOLLARD TO BE FAIRWEATHER MODEL #B-4-BB2
HEIGHT: 36" MOUNTING: REMOVABLE
COLOR: MINERAL BRONZE

AS MANUFACTURED BY: FAIRWEATHER SITE FURNISHINGS
1-800-323-1798
WWW.FAIRWEATHERSF.COM

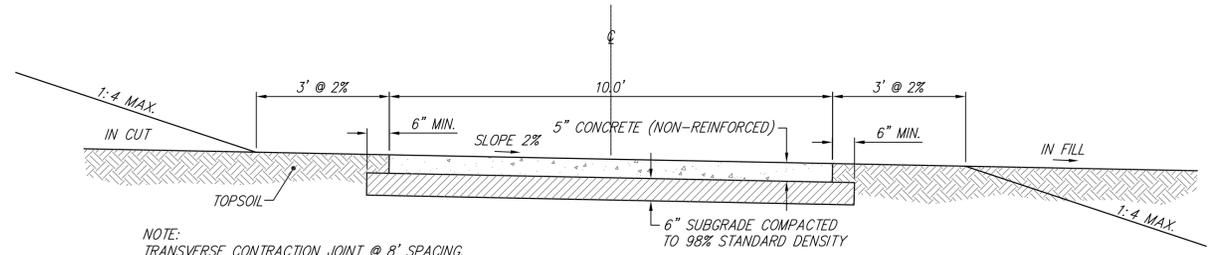
BOLLARD DETAIL



DETAIL OF LAP FOR WIRE MESH

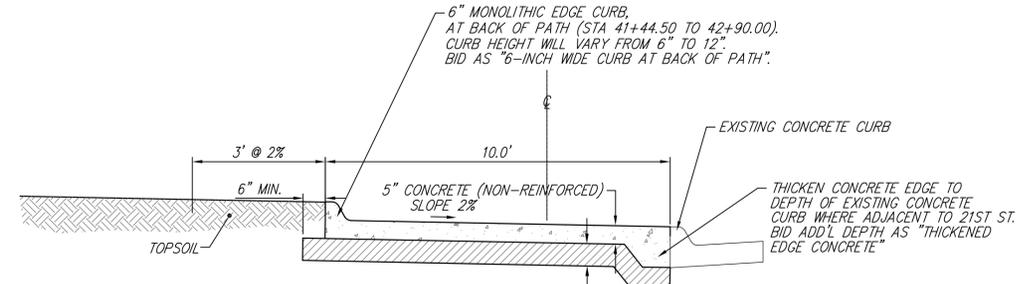
NOTE: The lap shall extend beyond the first transverse wire of each sheet.
The sheets shall be wired securely at the edges and at intervals not to exceed 2'-6" for the full width of the sheet. Approx. weight of wire mesh = 44 lbs. per 100 sq. ft.
Other methods for fastening the sheets of wire mesh at the laps may be used with the approval of the Engineer.

NOTE: CONTRACTION JOINTS AND EXPANSION JOINTS SHALL BE FORMED IN THE MONOLITHIC CURB AT ALL LOCATIONS WHERE SUCH JOINTS ARE PLACED IN THE PAVEMENT. ADDITIONAL CONTRACTION JOINTS SHALL BE CUT IN THE MONOLITHIC CURB IN UNIFORM LENGTHS NOT EXCEEDING TEN FOOT INTERVALS BETWEEN THOSE JOINTS WHICH COINCIDE WITH JOINTS IN THE PAVEMENT.



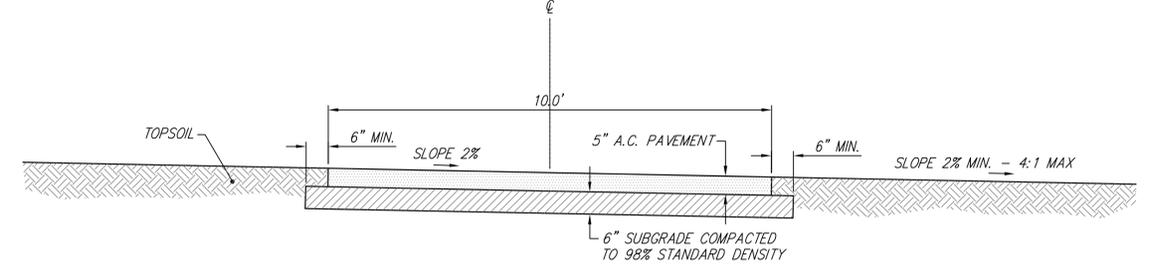
NOTE: TRANSVERSE CONTRACTION JOINT @ 8' SPACING, (1/2" EXPANSION JOINTS @ 120' MAX. SPACING.) SLOPE LEFT OR RIGHT AS INDICATED ON PLAN.

TYPICAL SECTION (5" CONCRETE)



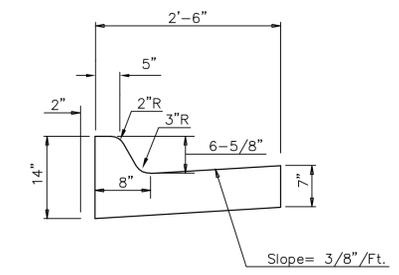
NOTE: TRANSVERSE CONTRACTION JOINT @ 8' SPACING, (1/2" EXPANSION JOINTS @ 120' MAX. SPACING.) SLOPE LEFT OR RIGHT AS INDICATED ON PLAN.

5" CONCRETE SECTION W/ MONOLITHIC CURB

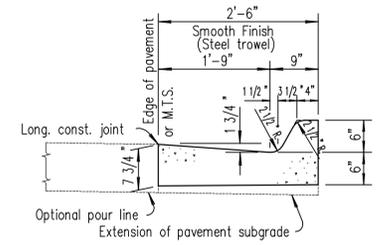


TYPICAL SECTION (5" ASPHALT)

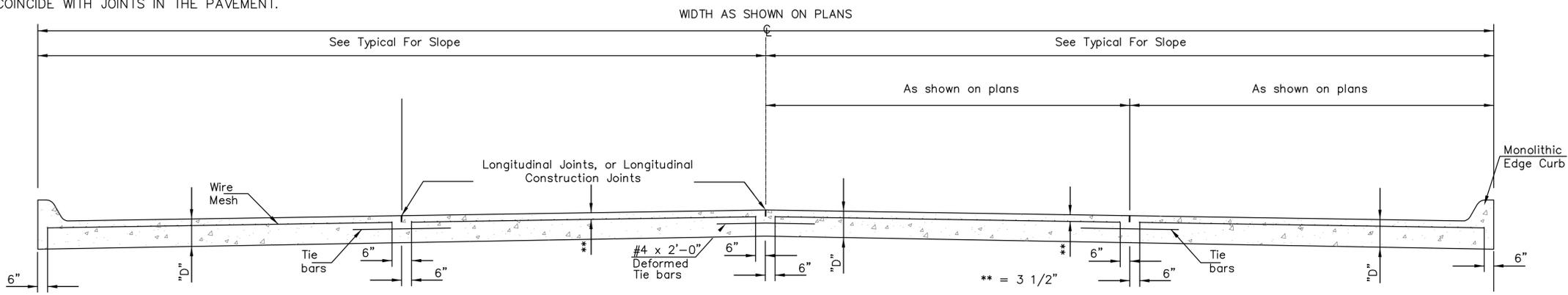
GROVE PARK PATH REALIGNMENT



COMBINED CONCRETE CURB & GUTTER (6 - 5/8")



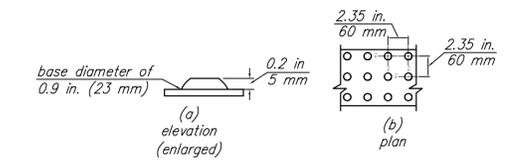
COMBINED CONCRETE CURB & GUTTER (TYPE D) (6")



CONCRETE PAVEMENT SECTION

Note: A Construction Joint is required when the pour has been interrupted for a substantial length of time or at the end of a day's pour. Transverse Construction Joints shall be sawed and filled as specified for contraction joints.

** Note: The 3 1/2" as shown on standard sheet is a nominal dimension and may be subject to a normal unevenness due to placement operations.



DETECTABLE WARNING SURFACE

I-135 to K-96 BIKE PATH
TYPICAL SECTIONS AND DETAILS
WICHITA, KANSAS

Ruggles & Bohm, P.A.
Engineering, Surveying, Land Planning
924 North Main
Wichita, Kansas 67203
www.rbkansas.com

(316) 264-8008
(316) 264-4621 fax
E-mail: info@rbkansas.com

DESIGN TCR
DRAWN MLP
REVIEW
UTILITY
DATE

PROJECT NUMBER 472-84759

SHEET 3 OF 72