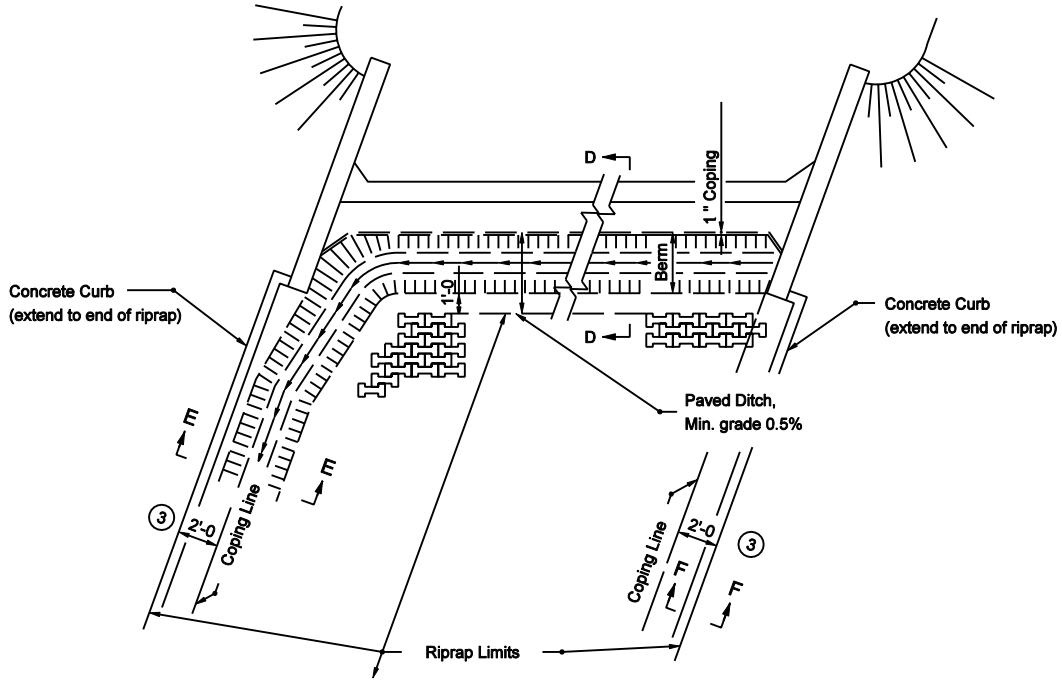
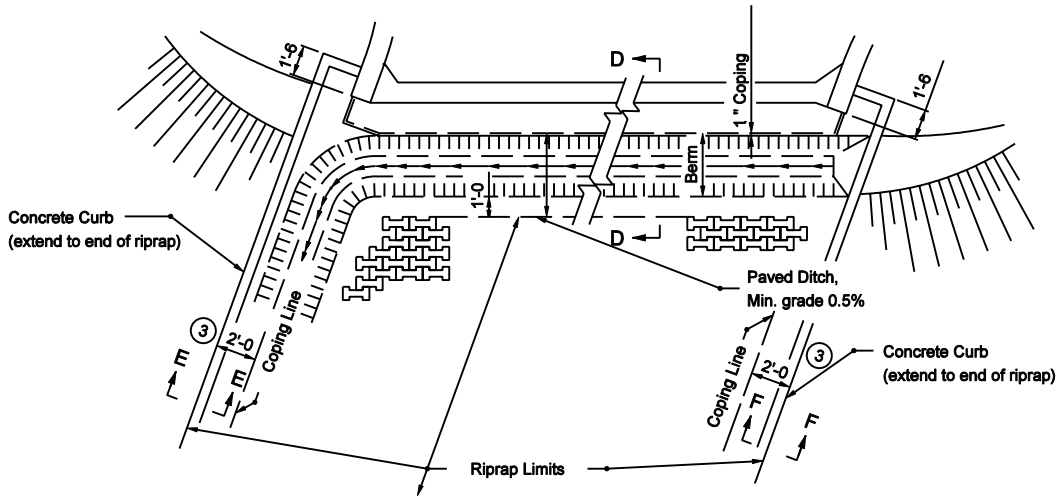


STRAIGHT WINGS



FLARED WINGS

GENERAL NOTES

1. These configurations to be used with precast or hand-laid riprap.
2. See Standard Drawing E 616-SWRR-01 for Sections D-D, E-E, and F-F.

(3) This dimension shall be increased to 5'-0 where no curb is used on the bridge.

INDIANA DEPARTMENT OF TRANSPORTATION

DRAINAGE DETAILS AT END BENTS

SEPTEMBER 2003

STANDARD DRAWING NO. E 616-SWCO-02

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 9-02-03
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-02-03
CHIEF HIGHWAY ENGINEER DATE