

**STRAIGHT WINGS**

**FLARED WINGS**

**GENERAL NOTES**

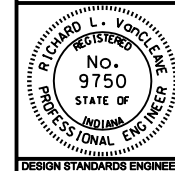
1. See Standard Drawing E 616-SWCO-03 for Sections A-A, B-B, and C-C.
2. When paved slopewall abuts or surrounds columns, piers or other structures, use 1/2 in. bituminous expansion joint material between slopewall and structure.
3. If slopewall is specified, 1'-0 hand-laid riprap or precast concrete riprap type A may be used.
- ④ This dimension shall be increased to 5 ft where no curb is used on the bridge.

INDIANA DEPARTMENT OF TRANSPORTATION

**CONCRETE SLOPEWALL DETAILS**

SEPTEMBER 2003

STANDARD DRAWING NO. E 616-SWCO-01



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

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

DESIGN STANDARDS ENGINEER