

Riprap lining

Permanent culvert

Roadway centerline

Earthwork limits

Permanent natural channel

Use sandbags to prevent backflow into natural channel

NOTE:

- 1. See Erosion Control Section for temporary culvert diameter, riprap class, channel dimensions and quantities.
- 2. Use plastic liner or riprap along the entire length and width of the temporary diversion channel.
- 3. Construct channel at a minimum grade of 0.5 percent.
- 4. Do not construct with longitudinal joints if using a plastic liner. Bury the upstream edge of the liner a minimum of 6" deep and secure with riprap or sandbags.
- 5. When specified replace the portion of the diversion channel through the roadway embankment with temporary culvert. Compact temporary culvert backfill using one of the methods listed in Subsection 204.11(a).

Flow

Geotextile



Flow

Riprap lining

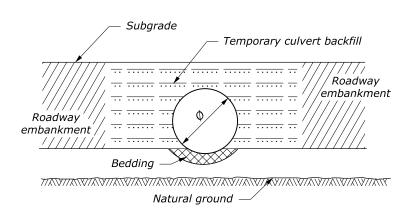
SECTION B-B

Silt fence (typ. when scheduled)

Sandbags

Geotextile

SECTION A-A



SECTION B-B

TEMPORARY CULVERT

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION FEDERAL LANDS HIGHWAY

U.S. CUSTOMARY STANDARD

TEMPORARY DIVERSION CHANNELS

STANDARD APPROVED FOR USE 6/2005 STANDARD NO SCALE REVISED: 6/2007 DRAFT: 3/2014 157-5

DIVERSION CHANNEL

PLAN

See Note 5

Silt fence (typ.

when scheduled)

Temporary diversion channel with plastic liner or riprap