CONSTRUCTION NOTES:
1. This standard drawing does not apply to rock outlets with two feet or less of overfall.
2. Rock size shall be IDOT Quality Designation A Gradation No.____.
3. Minimum rock depth is 1.5 times the D50 riprap size or 18 inches which ever is greater.
4. Geotextile (non-woven, needle punched) Minimum criteria:
   - Tensile strength (lb) ASTM D 4632_________202
   - Elongation at failure (%) ASTM D 4632_________< 50
   - Tensile tear strength (lb) ASTM D 4533_________< 70
   - Puncture strength (lb) ASTM D 6241_________< 433
   - Ultraviolet light (% retained strength) ASTM D 4355______< 50
   - Permeability sec^-1/ ASTM D 4491_________< 0.70
   - Permeability min / ASTM D 4491_________< 0.70
5. Geotextile fabric shall extend around the upstream and downstream cutoff trenches, shall be keyed into upstream of the upper cutoff trench. Any splices shall overlap a minimum 24 inches, with upstream upstream geotextile overlapping the abutting downstream geotextile.
6. The rock shall be compacted with the placement equipment to increase in-place density. The complete job shall be present a workmanlike finish.

LONGITUDINAL SECTION AT CENTERLINE

PLAN VIEW