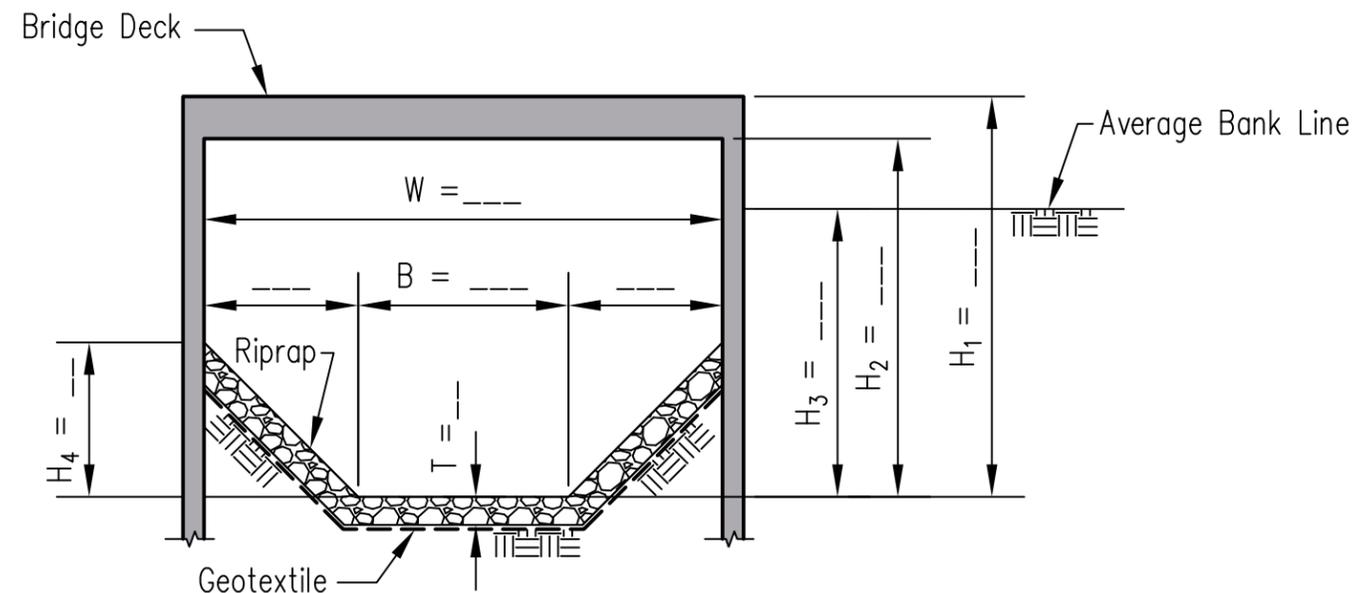


PLAN



SECTION ON CENTERLINE

NOTES:

1. The rock riprap shall meet IDOT requirements for Gradation No. _____, Quality Designation "A" or as designated by engineer.
2. The riprap shall be placed according to Construction Specification 61 Rock Riprap. The rock may be equipment placed.
3. Geotextile (non-woven, needle punched) Minimum criteria:
 Grab tensile strength (lb) ASTM D 4632 _____ 202
 Elongation at failure (%) ASTM D 4632 _____ ≥ 50
 Trapezoidal tear strength (lb) ASTM D 4533 _____ 79
 Puncture strength (lb) ASTM D 6241 _____ 433
 Ultraviolet light (% retained strength) ASTM D 4355 _____ min 50
 Apparent opening size (AOS) ASTM D 4751 _____
 _____ max 0.22 mm (US sieve size 70)
 Permittivity sec^{-1} / ASTM D 4491 _____ min 0.7
4. Any geotextile splices shall overlap a minimum of 18 inches, with upstream or upslope geotextile overlapping the abutting downslope geotextile.

Date	4/1/14
Designed	M. QUINONES
Drawn	
Checked	
Approved	

BRIDGE SCOUR PROTECTION


 United States
 Department of
 Agriculture

 Natural Resources
 Conservation Service