Typical Armored Fill Crossing Installation

Cross section parallel to watercourse

- Armor placed on the outboard edge of the fill to at least 1 ft depth or double the specified rock diameter
- Fine grained running surface
- Horizontal datum
- Road outsloped 2-4% depending on road grade
- Keyway cut into original ground to support armor from base
- Woven geotextile
- Coarse rock at base protects fill

Cross section perpendicular to watercourse

- Erosion resistant running surface armored with angular rock similar to or greater in size than existing rocks found up or downstream from crossing. Armor extends to 100 year flood level.
- Apron
- Coarse rock at base
- Filler fabric at base of rock

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