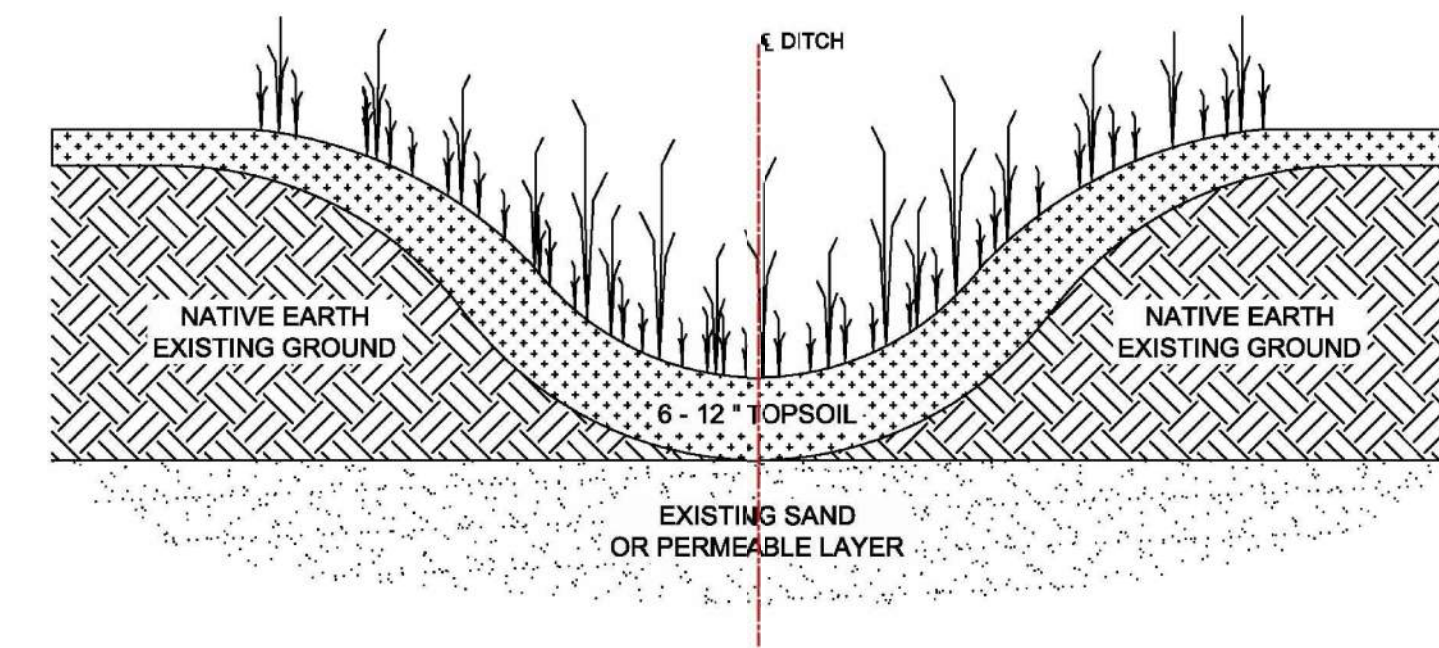
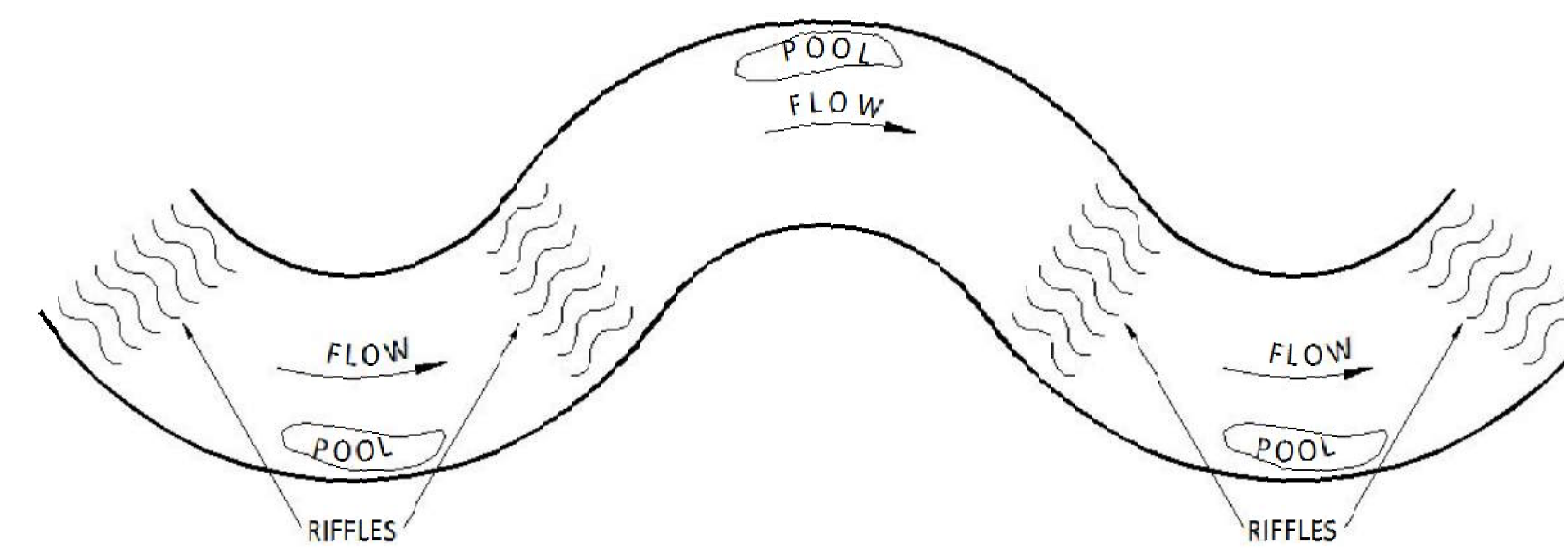


# ENVIRONMENTAL IMPACTS & MITIGATION

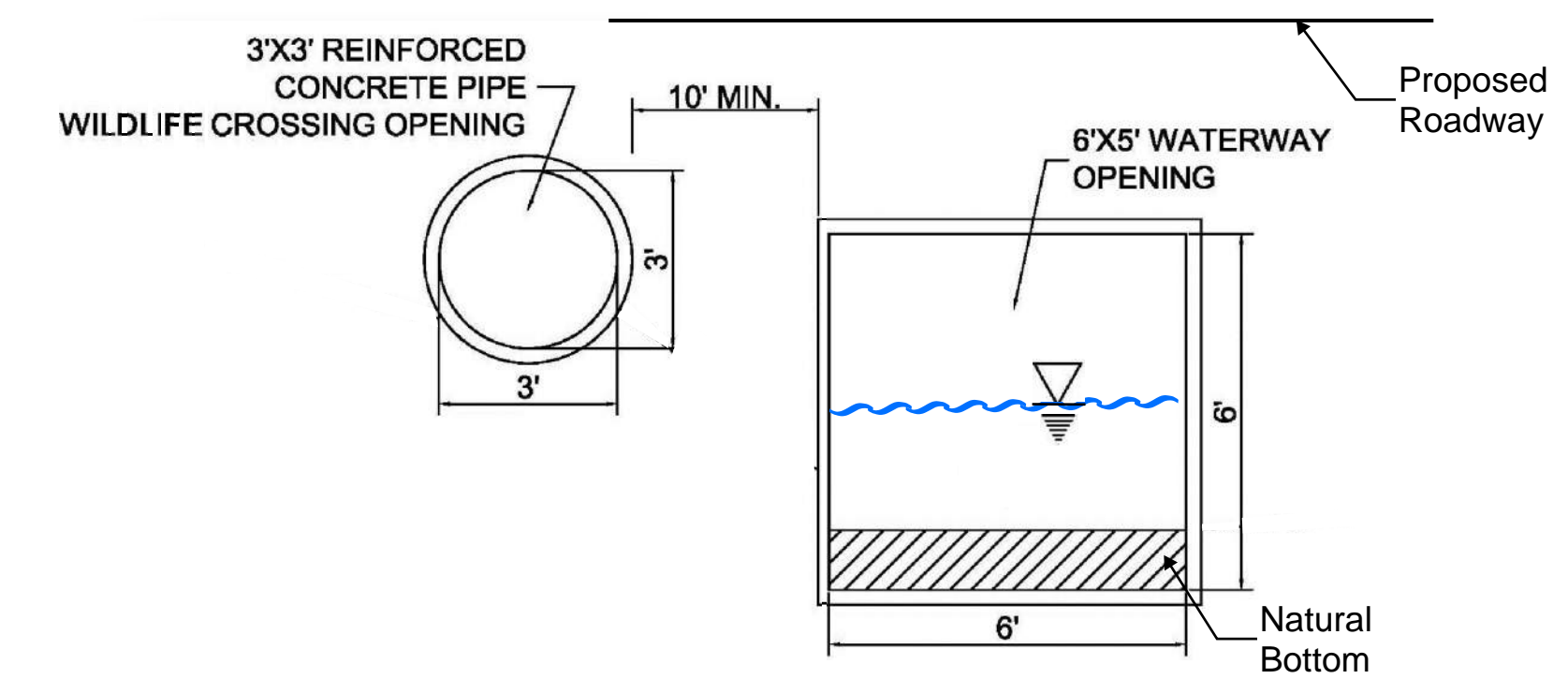
Impacts were avoided where possible and minimized where not. Details of the project impacts and mitigation measures are documented in the Environmental Assessment (EA).



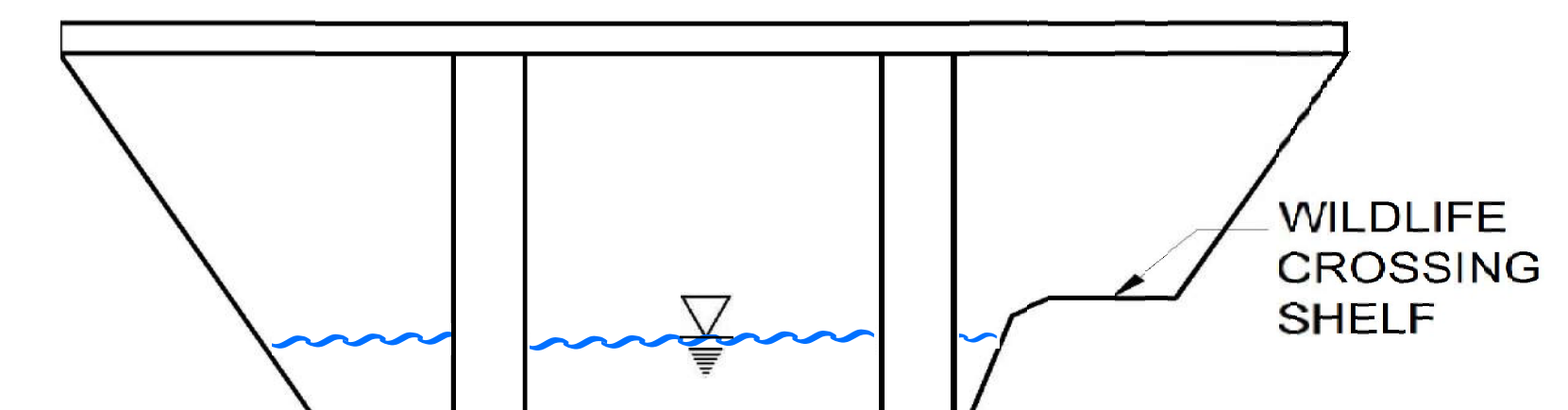
Swale with Native Plantings



Meandering Stream



Culvert with Adjacent Wildlife Crossing



Bridge with Wildlife Crossing

## Natural Environment Impacts

- 1.53 Acres of Wetlands
- 9.88 Acres of Floodplains; No Floodways
- 0.65 Acres of Streams (Waters of U.S.); 7 stream crossings
- 84 Oak and 17 Hickory Trees

## Human Environment Impacts

- 19.45 Acres of Agricultural Lands
- 22 locations with Identified Noise Impacts
- 82 sites with Recognized Environmental Conditions (RECs)

## Resources Not Impacted

- Threatened & Endangered Species
- Parklands & Public Facilities
- Cultural or Historic Resources
- Cemeteries

## Mitigation Measures

- > 3 acres of wetland mitigation anticipated (in-basin and off-site)
- Culvert and bridge improvements will reduce stormwater elevations
- Drainage elements to improve water quality
- Trees will be replaced on a one-to-one ratio per IDOT policy D&E-18
- Agricultural impacts comply with the Illinois Farmland Protection Act
- Noise barriers were evaluated, but are not reasonable and feasible
- Contaminated soils will be managed/disposed properly
- Compensatory storage for fill in floodplain
- Wildlife crossings
- Landscaping plans will be developed during Phase II