

Wetland Delineation, Mitigation and Permitting Services

Clear Creek Trail Phases III and V - Coralville, Iowa

City of Coralville

Johnson County, Iowa
2002-Present

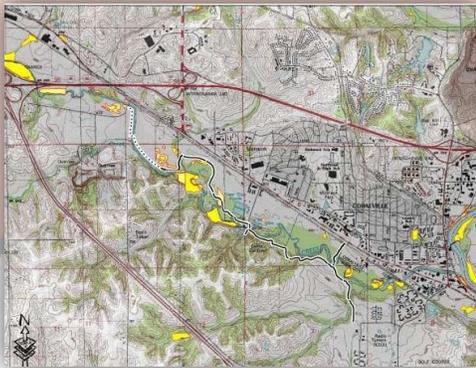
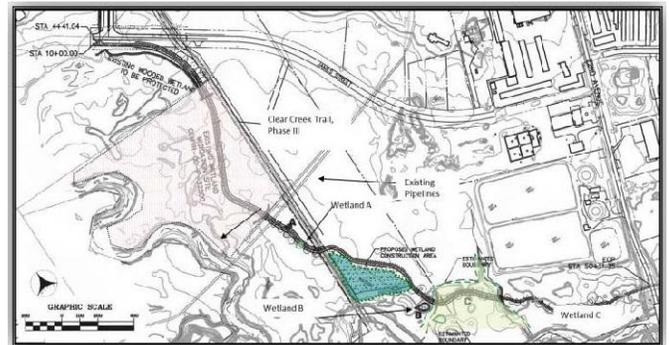
This recreational trail along Clear Creek meanders through forested uplands, floodplain and wetlands. Since 2002, EarthView Environmental (EVE) has worked with several different consultants (Shoemaker and Haaland, & Confluence, Inc.) and the City of Coralville on the design and construction phases of these portions of the trail. Our responsibilities included, and continue to include, wetland delineation, mitigation, permitting and construction monitoring services. In addition, we assisted the city with the long term monitoring, planting, community events (i.e., Coralville's Wet and Muddy Day with Northwest Junior High School) and maintenance of the mitigation sites.



Services for Phase III started in February 2003. Construction began in the fall and was completed in the summer of 2004. Planting, monitoring and maintenance of the successful wetland mitigation site continued from 2005-2009 and was accepted as complete by the Corps of Engineers in 2009. Phase V of the trail started with some preliminary work under a separate study of the Clear Creek stream corridor completed by EVE in 2008. In this study we identified existing wetlands and areas for potential wetland mitigation.

In December 2010, EVE was subcontracted to delineate wetlands, stream impacts and suitable habitats for Threatened and Endangered species for the trail. Field analysis was completed using the routine onsite determination method defined in the *U.S. Army Corps of Engineers Wetland Delineation Manual* (Environmental Laboratory, 1987) and the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Midwest Region* (USACE, 2010). All areas were walked,

photographed, and delineation data points were recorded in all areas with wetland characteristics. Data point and wetland boundary locations were documented to GIS using a 2005 Trimble Geo XH GPS unit with post-processing.



For the unavoidable impacts, EVE coordinated on behalf of the client with the Army Corps of Engineers, the Iowa DNR and the US Fish and Wildlife Services. EVE worked with the client to develop appropriated mitigation for the wetland and for Indiana Bat Habitat. Under a tight schedule, mitigation plans were completed and permits were obtained, in a timely manner, to meet the client's deadlines.

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