

Chapter 5 Environmental Commitments and Mitigation

5.0 Environmental Commitments and Design Consideration

5.1 Environmental Commitments

Wildlife crossings under IL 47 are recommended and will be further studied during the final engineering design. Proposed crossing locations are presented in Table 4-6.

In order to avoid impacts to the state threatened Iowa darter (*Etheostoma exile*), no in stream work shall be conducted from April 1 through June 15 of any construction year at the following locations:

- Site 1: Kishwaukee River at IL 47, approximately 200 feet to 600 feet south of Dieckman Road
- Site 2: Kishwaukee River at IL 47, approximately 650 feet north of Foster/Union Road

Bioswales will be installed along the outside ditches where feasible and practical. They will be installed in locations immediately upstream of surface water resources, such as streams and wetlands. Other BMPs will be installed in the vegetated medians where appropriate.

Accidental spills of hazardous materials and wastes during construction or operation of the transportation system require special response measures. Occurrences will be handled in accordance with local government response procedures. Refueling, storage of fuels, or maintenance of construction equipment will not be allowed within 100 feet of wetlands or water bodies to avoid accidental spills impacting these resources.

5.2 Special Design and Construction Considerations

Special waste issues that may arise in the construction phase will be managed in accordance with the “IDOT Standard Specifications for Road and Bridge Construction and Supplemental Specifications and Recurring Special Provisions.” Further environmental studies will be conducted if the proposed improvements require excavation adjacent to a property identified with a recognized environmental concern (REC) or requires excavation, including subsurface utility relocation, on a property with an easement.

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