

Threatened/Endangered Resources Impact Evaluation

1. Federally-Listed Species

The U.S. Fish and Wildlife Service (FWS) indicated the following federally listed threatened or endangered species occur in Racine and Kenosha Counties:

Federally Listed Threatened and Endangered Species

Classification	Common Name	Scientific Name	Habitat
endangered	peregrine falcon	Falco peregrinus	potential breeding
endangered	Karner blue butterfly	Lycaeides melissa samelis	prairie, oak savanna, and jack pine areas w/wild lupine
threatened	eastern prairie fringed orchid	Platanthera leucophaea	wet grasslands

The FWS noted in their letter dated November 16, 1994, that due to the nature and location of the proposed interchange improvements, the above-listed species would not be affected, and no further action is required by the 1973 Endangered Species Act, as amended (Appendix B page B-14). No barn swallows or barn swallow nests would be affected by the proposed improvements. Barn swallows and their nests are protected under the Migratory Bird Treaty Act of 1918.

2. State-Listed Species

The Wisconsin Department of Natural Resources – Bureau of Endangered Resources, provided information on state-listed threatened or endangered species in the project area, as well as species of special concern and natural communities (Appendix B page B-10). The DNR's information is summarized below.

State Listed Threatened and Endangered Species

Classification	Common Name	Scientific Name	Habitat
endangered	prairie white-fringed orchid	Platanthera leucophaea	wet prairie, wet meadow, wet bog
endangered	Cooper's milk vetch	Astragalus neglectus	open woods, beach edges
endangered	purple milkweed	Asclepias purpurascens	dry fields, thickets
threatened	wild quinine	Parthenium integrifolium	deep-soil mesic prairies
special concern	waxy meadow rue	Thalictrum revolutum	wet and wet-mesic prairies
special concern	marsh blazing star	Liatris spicata	wet to wet-mesic prairies
special concern	double-striped bluet (damsel fly)	Enallagma basidens	Des Plaines River
special concern	pirate perch	Aphredoderus sayanus	Des Plaines River

Field reviews to locate threatened and endangered species within the project-area interchanges were limited to the interchanges that had the habitat Wisconsin DNR indicated would support those species. Project team members field-reviewed the STH 11 interchange to determine whether threatened or endangered species were found within the area that could be affected by the proposed improvements. No threatened or endangered species were found.

The remaining interchanges did not have the habitat indicated by Wisconsin DNR that would support threatened and/or endangered species in the project area.

The Wisconsin DNR also noted the following natural communities in the project area, County Line Lowlands Woods natural area (Root River, Racine Co.), County Line Riverine Woods (Root River, Racine Co.), Des Plaines Marsh and Forest natural area (Des Plaines River, Kenosha Co.), Des Plaines Riverine Lowlands natural area (Des Plaines River, Kenosha Co.), Ives Grove Woods natural area (Racine Co.), Lake Russo Remnant Prairie natural area (Kenosha Co.), Sturtevant Mesic Prairie natural area (Racine Co.), Union Grove Railroad Prairie natural area (Racine Co.), and Kimmel Woods natural area (Racine Co.).

With the exception of the Union Grove Railroad Prairie natural area, the natural communities listed above are outside project's potential area of effect. As noted, the Union Grove Railroad Prairie natural area is adjacent to the railroad parallel to STH 11. A portion of the natural area is adjacent to the existing frontage road/STH 11 intersection. Improvements at this intersection could acquire 0.1 hectare (0.2 acre) of the natural area.