

Appendix M
Threatened and Endangered Species
Investigation and Habitat Assessment

Threatened and Endangered Species Investigation and Habitat Assessment

Introduction

This report summarizes the results of a threatened and endangered species review using the on-line U.S. Fish and Wildlife Service (USFWS) Technical Assistance Guidance and correspondence provided by the USFWS for the Elgin O'Hare - West Bypass (EO-WB) project corridor in Cook and DuPage counties, Illinois. The Biological Resources Reviews completed by Illinois Department of Transportation are also included as an attachment.

Table M-1 includes a list of species on the USFWS website for Cook and DuPage counties, Illinois (accessed August 2, 2012).

TABLE M-1
USFWS Species Table

County	Species	Status	Habitat
Cook and DuPage Field Office to Contact: USFWS Chicago Illinois Field Office 1250 South Grove Suite 103 Barrington, Illinois 60010 (847) 381-2253 e-mail :Chicago@fws.gov or Cathy_Pollack@fws.gov	Piping plover (<i>Charadrius melodus</i>)	Endangered	Lakeshore beaches
	Eastern massasauga (<i>Sistrurus catenatus</i>)	Candidate	Graminoid dominated plant communities (fens, sedge meadows, peatlands, wet prairies, open woodlands, and shrublands)
	Hine's emerald dragonfly (<i>Somatochlora hineana</i>)	Endangered	Spring fed wetlands, wet meadows, and marshes
	Hine's emerald dragonfly (<i>Somatochlora hineana</i>)	Critical Habitat Designated	See maps for areas designated as Critical Habitat
	Eastern prairie fringed orchid (<i>Platanthera leucophaea</i>)	Threatened	Moderate to high quality wetlands, sedge meadow, marsh, and mesic to wet prairie
	Leafy-prairie clover (<i>Dalea foliosa</i>)	Endangered	Prairie remnants on thin soil over limestone
	Mead's milkweed (<i>Asclepias meadii</i>)	Threatened	Late successional tallgrass prairie, tallgrass prairie converted to hay meadow, and glades or barrens with thin soil
	Prairie bush clover (<i>Lespedeza leptostachya</i>)	Threatened	Dry to mesic prairies with gravelly soil

Project Corridor

The EO-WB project corridor is located in a densely developed portion of northeast Illinois with a mixture of residential, commercial, industrial, and transportation land uses. Due to the urban environment, the land cover has been substantially modified. Over 90 percent of the total cover within the project corridor is mapped urban and built-up land, including low, medium, and high density development, and also urban open space.¹ In high-density areas, nearly all the land surface is covered with structures and facilities. In areas of low/medium density, up to half of the land surface is covered with manmade structures and surfaces. The remaining surface area is intermixed with urban landscaping, open space, or forested cover. Urban open space represents parks, golf courses, and other grass-covered surfaces within developed areas.

Field reconnaissance of the project corridor found that most of the open space habitat consists of turf grass and old successional fields, and to a lesser extent degraded/low quality woodlands, surface waters, and wetlands. The old successional fields are entirely herbaceous or are scattered with trees and shrubs that are beginning to colonize idle, open space. Non-native or quickly colonizing plant species dominate these areas. Dominant herbaceous species generally include: Queen Anne's lace (*Daucus carota*), cut-leaved teasel (*Dipsacus laciniatus*), fescue (*Festuca* spp.), and tall goldenrod (*Solidago altissima*). Trees and shrubs, such as box elder (*Acer negundo*), common buckthorn (*Rhamnus cathartica*), and Siberian elm (*Ulmus pumila*) are beginning to colonize the old successional fields that have been undisturbed for an extended time.

No high-quality natural communities or endangered and threatened plant species were found by INHS during their field studies (Handel, 2009; Handel, 2010). Most vegetative cover types in the project corridor have been altered by urbanization and are dominated by non-native or invasive species. The biological resources within the project corridor consist primarily of common/adaptable plant and wildlife species that are relatively tolerant of disturbance and human activities.

The project corridor is located adjacent to (but does not include) one Cook County Forest Preserve (i.e., Ned Brown) and three DuPage County Forest Preserves (i.e., Medinah Wetlands, Salt Creek Marsh, and Silver Creek). The forest preserve holdings may contain higher quality natural communities and more conservative plant and wildlife species when compared to the remainder of the project corridor.

Methodology

Threatened and endangered species assessments were accomplished through coordination/consultation with USFWS, review of published and file information, and field surveys. A wildlife survey was not conducted as part of the study; instead, national, state, and county databases were searched for wildlife information.² The federal-listed species

¹ Land cover summary for the project corridor is based on data from the *Land Cover of Illinois 1999–2000* (USDA National Agriculture Statistics Service, et al., 2002).

² Forest Preserve District of DuPage County (FPDDC) provided a wildlife species list for all preserves located proximate to the project corridor, including Silver Creek, Salt Creek Marsh, and Medinah Wetlands (FPDDC, 2010). Forest Preserve District of Cook County (FPDCC) provided wildlife lists for the Ned Brown Forest Preserve (Anchor, 2010b). The wildlife lists included birds, mammals, reptiles, and amphibians.

discussed in the following sections are also state-listed. Therefore, as part of project planning, consultation with the Illinois Department of Natural Resources (IDNR) was also conducted and the IDNR Natural Heritage Database (dated March 21, 2011) was reviewed. No federally designated critical habitat or state-listed plant or animal species were mapped within the project corridor.

This appendix contains project correspondence with USFWS and IDNR, including the natural resource review provided by EcoCAT (see attachments). Based on a letter from the USFWS (January 29, 2009), the Tier One EO-WB study area³ includes two known locations of the federal-threatened eastern prairie fringed orchid (*Platanthera leucophaea*) (Rogner, 2009). Neither known location is in or near the proposed project corridor. There is no known federally designated critical habitat for this protected species within the Tier One study area. The eastern prairie fringed orchid is discussed in additional detail below. No other federal-listed species were identified by USFWS as being located in the Tier One study area.

IDNR concluded that adverse effects to state-listed species as a result of the project are unlikely. Consultation under 17 Ill. Adm. Code Part 1075 regarding state-listed species was concluded on February 11 and 14, 2011 (IDNR, 2011; Hamer, 2011).

Based on coordination with the resource agencies during Tier One, surveys/reviews concerning federal- and state-listed species that could potentially be affected by the proposed improvements were completed during 2009 and 2010. Survey results and database reviews are summarized in the following sections. Based on the results of agency coordination, field surveys, and database reviews, impacts to threatened and endangered species are not anticipated as a result of this project.

Threatened and Endangered Species Review

During the field investigations and data review, none of the listed species were identified within the project corridor.

Piping Plover

As shown in the above descriptions of suitable habitat for this listed bird species, the piping plover (*Charadrius melodus*) requires lakeshore dunes and wide open sandy habitat, which are not located in the project corridor. The piping plover was not listed in the North American Breeding Bird Survey or available wildlife species lists for areas proximate to the project corridor.

The piping plover and its critical habitat do not appear to be present in the project corridor and impacts are not anticipated as a result of the proposed project.

Eastern Massasauga Rattlesnake

As referenced by the online USFWS Technical Assistance Guidance, the eastern massasauga rattlesnake (*Sistrurus catenatus*) requires habitat consisting of graminoid dominated plant communities including fens, sedge meadows, peatlands, wet prairies, open woodlands, and shrublands. Based on a records review completed by the Illinois Natural History Survey

³ The Tier One study area includes the entire Tier Two project corridor, except for intersection improvements at IL 19 and Barrington Road. The area proximate to this intersection is highly developed. The small amount of vegetative cover includes turf grass and scattered landscape trees. No wetlands were identified within the project corridor at this location.

(INHS), there are no records that definitively place the eastern massasauga rattlesnake in or near the project corridor. There are no habitat corridors that would allow travel between the only known massasauga population in the region and the location of the proposed improvements. Also, suitable habitat in the project corridor is lacking near historical localities (Kuhns, 2009; Kuhns, 2010).

Based on a letter from the USFWS, impacts to the eastern massasauga rattlesnake are not anticipated as a result of the proposed project (Rogner, 2009).

Hine's Emerald Dragonfly

The Hine's emerald dragonfly (HED) (*Somatochlora hineana*) inhabits calcareous (high in calcium carbonate) spring-fed marshes and sedge meadows overlaying dolomite bedrock. These habitat types were not observed in the project corridor during the EO-WB wetland delineations. Wet meadows and marsh wetlands were identified during the wetland delineations. However, these wetlands were generally significantly degraded with the dominance of reed canary grass (*Phalaris arundinacea*), common reed (*Phragmites australis*), and cattail (*Typha* spp.). Urban stormwater runoff from the adjacent developed landscape appears to have impacted the quality of these wetland areas. As a result of the sensitivity of the HED life cycle to adverse environmental conditions and a subsequent reduction in HED habitat within the Chicagoland area, the USFWS has mapped critical HED habitat units in northeastern Illinois. The USFWS has not identified any critical HED habitat units in the northern portions of Cook or DuPage counties where the EO-WB project corridor is located.

The HED and its critical habitat do not appear to be present in the project corridor and impacts are not anticipated as a result of the proposed project.

Leafy-Prairie Clover, Mead's Milkweed, Prairie Bush Clover

Leafy-prairie clover (*Dalea foliosa*), Mead's milkweed (*Asclepias meadii*), and prairie bush clover (*Lespedeza leptostachya*) are upland plant species found in prairie habitats.

Leafy-prairie clover is found in prairie remnants on thin soil over limestone. Higher and moderate quality associates include big bluestem (*Andropogon gerardii*), little bluestem (*A. scoparius*), Indian grass (*Sorghastrum nutans*), prairie dropseed (*Sporobolus heterolepis*), early fen sedge (*Carex crawei*), Mead's stiff sedge (*Carex meadii*), flat-stemmed spike rush (*Eleocharis compressa*), Dudley's rush (*Juncus dudleyi*), nodding wild onion (*Allium cernuum*), dogbane/Indian hemp (*Apocynum* spp.), round-fruited St. John's wort (*Hypericum sphaerocarpum*), smooth phlox (*Phlox glaberrima* ssp. *interior*), common mountain mint (*Pycnanthemum virginianum*), black-eyed Susan (*Rudbeckia hirta*), low calamint (*Satureja arkansana*), balsam ragwort (*Senecio pauperculus*), common blue-eyed grass (*Sisyrinchium albidum*), and Riddell's goldenrod (*Solidago riddellii*) (DeMauro, 1986).

Mead's milkweed is found in late successional tallgrass prairie, tallgrass prairie converted to hay meadow, and glades or barrens with thin soil. Very common species of grass associated with Mead's milkweed were prairie dropseed, Indian grass, and big bluestem. Prairie forbs commonly found with Mead's milkweed were white prairie clover (*Petalostemum candidum*), purple prairie clover (*P. purpureum*), prairie gentian (*Gentiana puberula*), and prairie compass plant (*Silphium laciniatum*) (Betz, 1989).

Prairie bush clover is found in dry to mesic prairies with gravelly soil. Common associates as taken from Olson (1978), Smith (1981), Kurz and Bowles (1981), and Huston (1981) include big bluestem, little bluestem, side-oats grama (*Bouteloua curtipendula*), Indian grass, prairie dropseed, porcupine grass (*Stipa spartea*), lead plant (*Amorpha canescens*), pasque flower (*Anemone patens*), heath aster (*Aster ericoides*), smooth blue aster (*A. laevis*), stiff aster (*A. ptarmicoides*), silky aster (*A. sericeus*), cream wild indigo (*Baptisia leucophaea*), prairie coreopsis (*Coreopsis palmata*), pale purple coneflower (*Echinacea pallida*), flowering spurge (*Euphorbia corollata*), prairie alum root (*Heuchera richardsonii*), round-headed bush clover (*Lespedeza capitata*), rough blazing star (*Liatris aspera*), hoary puccoon (*Lithospermum canescens*), fringed puccoon (*L. incisum*), grooved yellow flax (*Linum sulcatum*), toothed evening primrose (*Oenothera serrulata*), sand prairie phlox (*Phlox pilosa*), white prairie clover, purple prairie clover, silvery scurfy pea (*Psoralea argophylla*), prairie turnip (*P. esculenta*), Missouri goldenrod (*Solidago missouriensis*), old-field goldenrod (*S. nemoralis*), stiff goldenrod (*S. rigida*), bird's foot violet (*Viola pedata*), and prairie violet (*V. pedatifida*).

During the field investigation of the project corridor, no high-quality natural communities were found by INHS. As previously noted, open space within the project corridor that is not woodland, scrub-shrub, or built-up land is best described as degraded, old field, successional areas. These old field, successional areas are typically dominated by common, aggressive, and/or invasive herbaceous vegetation including tall goldenrod, Queen Anne's lace, cut-leaved teasel and fescue. Two disturbed prairie remnants were identified by INHS along the I-290 embankment south of Thorndale Avenue (Handel, 2009; Handel, 2010).⁴ Due to the severity and/or on-going disturbance of the prairie remnants, natural area recovery may not be possible. A few of the above associates were identified within the prairie remnants. However, no endangered or threatened plant species were observed by INHS.

Therefore, it was determined that the proposed action will not result in jeopardy to the leafy-prairie clover, Mead's milkweed, or prairie bush clover.

Eastern Prairie Fringed Orchid

Based on coordination with the USFWS, there are no known eastern prairie fringed orchid locations within the project corridor. Possible habitat for this protected species includes mesic prairie, sedge meadows, marsh edges, and bogs. Any moderate to high-quality wetland habitat within the project corridor could support the species (Rogner, 2008; Rogner, 2009).

During the summer of 2009 and spring/summer of 2010, field visits were conducted to look for potential eastern prairie fringed orchid habitat within the project corridor. As recommended by USFWS, suitable habitat was searched on three non-consecutive days between June 28 and July 11, 2009 and 2010 (i.e., during the orchid's bloom period). No populations of eastern prairie fringed orchid were found (Handel, 2009; Handel, 2010). Overall, the sites that were surveyed were low to very low habitat quality.

Impacts to the eastern prairie fringed orchid are not anticipated as a result of the project.

⁴ The primary objective of the 2009 and 2010 surveys focused on the eastern prairie fringed orchid, but a standard survey was also conducted for high-quality natural communities and endangered or threatened plant species.

Conclusion

Based on the review completed for this project, it is expected that the proposed EO-WB improvements will have “no effect” on any of the above listed species or their critical habitat. The proposed action is not expected to directly or indirectly diminish these species’ numbers, reproduction, or distribution so that the likelihood of survival and recovery in the wild are appreciably reduced.

APPENDIX M

References

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Attachments



Illinois Department of Transportation

Memorandum

To: Diane M. O'Keefe Attn: Peter E. Harnet
From: Scott E. Stitt By: Thomas C. Brooks
Subject: Biological Resources Review
Date: February 25, 2011

A handwritten signature in black ink that reads "Thomas C. Brooks".

Elgin O'Hare EIS and Addenda A and B
Job No. P-91-443-06 (Seq. 15237, 15237A, and 15237B)
Cook County

The original project area of the proposed project involved the evaluation of transportation needs and system alternatives within a study area roughly bounded by a two-mile buffer outside of I-90 to the north and I-294 to the south and a five-mile buffer of I-290 to the west. The IDNR Natural Heritage Database has records of numerous listed species, INAI sites, and Busse Forest Nature Preserve (IDNR EcoCAT Response letter to consultant dated June 15, 2009; consultation is open due to large project area; surveys were requested).

Addendum A increased the project area in several locations. One location has since been dropped at the split of I-290 and I-355, and another location dropped at US 20 and I-90, according to a more streamlined map from Pete Knysz on November 19, 2010.

Addendum B increased the project area with two more areas. The first area is the intersection of East Devon Avenue with Arlington Heights Road. It was submitted through the Wetland Impact Review Tool (concurrence June 24, 2010).

The second Addendum B area was submitted to EcoCAT June 25, 2010, with no response from IDNR. The second area encompasses I-355 from the I-290/I-355 split to approximately 2100' south of Lake Street. The second area has since been dropped, according to a more streamlined map from Pete Knysz on November 19, 2010.

The IDNR Natural Heritage Database has records of Swift Road Meadow INAI one-fourth mile southwest of the dropped portion of the Addendum B project area. This area should therefore not be an issue for the project but is described nonetheless. The INAI site contains a 2006 Blanding's turtle record, 2010 Eastern prairie fringed orchid, 2006 *Tomanthera auriculata*, 2007 *Cypripedium candidum*, 1986 Kirtland's snake, and 2006 black-crowned night heron. Since there is commercial/residential property and a busy roadway between the project area and Swift Road Meadow INAI site; it is doubtful that the listed reptiles could

cross into the project area from the INAI site. Buffers from 1987 yellow-headed blackbird (surveyed and not found 2005) and 1991 least bittern records cross the dropped portion of the Addendum B project area. The records are from a wetland outside the project area and 0.5 mile east of it. Additional right of way acreage for the original project, Addendum A, and Addendum B is unknown.

An updated and refined project corridor was received by this office November 20, 2010. The consultant updated EcoCAT coordination with IDNR via nine submittals, all of which were terminated either February 11, 2011 or February 14, 2011.

A preliminary review was performed of the project area for the potential impact on threatened or endangered species pursuant to Section 7 of the Endangered Species Act as amended. The following candidate, threatened or endangered species are listed by the United States Fish and Wildlife Service (USFWS) as occurring in Cook County: Eastern prairie fringed orchid (*Platanthera leucophaea*), Prairie bush clover (*Lespedeza leptostachya*), Mead's milkweed (*Asclepias meadii*), Leafy prairie clover (*Dalea foliosa*), Hine's emerald dragonfly and its Critical Habitat (*Somatochlora hineana*), Piping plover (*Charadrius melodus*), and candidate Eastern massasauga (*Sistrurus catenatus*). This office has determined that there will be no effect to the species listed for Cook County, Illinois, as described below. Please keep this memorandum in your project files as it documents and concludes consultation with the IDNR and USFWS.

The federally threatened and Illinois endangered Eastern prairie fringed orchid (*Platanthera leucophaea*) is a plant of open-canopied mesic to wet prairies and wetlands. While conducting wetland delineations the INHS wetlands survey crew searched for wetland and non-wetland sites potentially meeting the USFWS orchid survey criteria (FQI > or = 20, Native Mean C > or = 3.5, then 4 or more associate species). These sites were then surveyed for Eastern prairie fringed orchid and other listed plants by the INHS botanist. The plant survey dates were June 24-26, June 29 - July 2, July 6-9, and on August 7, 2009 in the original project, and May 20, June 23-25, and July 27-28, 2010 for Addenda A and B, with assistance from Cathy Pollack from USFWS. No Eastern prairie fringed orchids were found. Therefore, we conclude absence of Eastern prairie fringed orchid in the project area.

The prairie bush clover requires dry to mesic prairies with gravelly soils. There is no such habitat in the project area. This species was not found during the INHS botanical survey.

Mead's milkweed requires late successional tallgrass prairie, tallgrass prairie converted to hay meadow, and glades or barrens with thin soil. Such habitat does not occur in the project area. This species was not found during the INHS botanical survey.

Leafy prairie clover requires prairie remnants on thin soil over limestone. Such habitat does not occur in the project area. This species was not found during the INHS botanical survey.

The piping plover requires Lake Michigan beaches; the project area is several miles from Lake Michigan.

Hine's emerald dragonfly requires spring fed wetlands, wet meadows, and marshes. There is no such habitat in the project area. The Hine's emerald dragonfly critical habitat areas in Cook County are in other areas than the project area.

The Eastern massasauga requires graminoid dominated plant communities such as fens, sedge meadows, peatlands, wet prairies, open woodlands, and shrublands. It is discussed elsewhere in this document.

Illinois Natural History Survey conducted field surveys for the original project, Addendum A and Addendum B. Some surveyed areas were dropped from the project after surveys were performed. The following surveys were performed: plants, birds, aquatic resources (fish and aquatic macroinvertebrates), wetlands, and water quality. After database searches and examination of the project area aerials and satellite imagery by INHS herpetologist Andrew Kuhns, field surveys were deemed unnecessary for reptiles and amphibians. The three herpetological reports are summarized below.

The herpetological report dated November 4, 2010, covering the original project area for the Blanding's turtle and Kirtland's snake, is attached. There are no records of either species within two miles of the original project corridor in the Illinois Natural History Survey, University of Illinois Museum of Natural History, and non-INHS Illinois Amphibian and Reptile database maintained at the Illinois Natural History Survey, or the IDNR Natural Heritage Database. Mr. Kuhns also requested information from Chris Anchor, wildlife biologist with Forest Preserve District of Cook County. Mr. Anchor stated that since 1987 five Blanding's turtles (3 females and 2 males) have been captured 10-15 times from wetlands in the southwestern lobe of the Ned Brown Preserve. He said the last observation was in 2004. This information is not recorded in any database, nor was it known to Dr. Christopher Phillips, herpetologist with INHS. According to Dr. Phillips, more follow-up would be required to verify this record. The site is approximately 800 feet from the project limits. According to consultant Pete Knysz via email dated January 31, 2011, the ramps to/from I-290 and Biesterfield Road (located south of Biesterfield) will be improved, but improvements to Biesterfield Road are not proposed. The improvements will be within existing right of way. No improvements are proposed north of Biesterfield Road in this location. Ned Brown Forest Preserve will not be impacted.

The INHS herpetological report dated December 14, 2009 discussed potential of the Eastern massasauga occurring in the original project area. The Eastern massasauga does not occur in the project area due to lack of historical or current records in the project area, lack of travel corridors between the only extant (but nearly extirpated) population eight miles away, and no suitable habitat within the project corridor. The USFWS in a letter dated January 29, 2009 further stated that there would be no adverse impact to the Eastern massasauga by the project.

The INHS herpetological report dated August 31, 2010, discussed and dismissed potential habitat or occurrences of the Eastern massasauga, Kirtland's snake, and Blanding's turtle for Addenda A and B. It repeats the Eastern massasauga information covered in the paragraph above regarding the December 14, 2009, herpetological report. It also covers the Blanding's turtle and Kirtland's snake

D. O'Keefe
February 25, 2011
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records in the Swift Meadow INAI site discussed previously. As mentioned before, this site is no longer an issue since that portion of Add. A and B were dropped from the project.

The INHS avian memo dated October 25, 2010, discusses the possibility of potential suitable habitat for the black-crowned night heron. A black-crowned night heron had been seen foraging in a project area wetland by the INHS wetlands staff. Habitat surveys were conducted by INHS ornithologist spring 2010 with no suitable nesting or foraging habitat found.

In response to request by USFWS, the potential necessity of a bird-noise study was researched by INHS. Aerial photographs were examined and a literature search conducted. Site visits were performed March 3, 2010, by INHS ornithologist and IDOT and consultant staff. A meeting was held March 4, 2010, with IDOT, INHS, and USFWS. It was decided and USFWS concurred that based on existing project area habitat seen during the site visits, bird species seen, existing and modeled future ADTs, project proximity to O'Hare Airport with its existing high noise levels, that such a study was not necessary.

The INHS aquatic resources surveys concluded that no listed fish or aquatic macroinvertebrates occurred in the project areas. No unionid mussels were found. The reports are dated December 2, 2010, for the original project, and August 3, 2010 for Addenda A and B.

INHS conducted wetland delineations for the original project, with report dated December 15, 2009. INHS performed 196 on-site wetland determinations, and determined 129 sites to be wetlands. INHS conducted wetland delineations for Addenda A and B. The report is dated September 7, 2010. They performed 46 on site wetland determinations, and determined 41 sites to be wetlands. INHS described and mapped the streams, lakes and non-wetland ponds in a Waters of the U.S report dated December 2, 2010. Streams were delineated and characterized in detail also. These reports were given to Kathy Chernich of USACOE on February 15, 2011.

The proposed project is being processed as a Tiered Environmental Impact Statement. The Record of Decision was received on the Tier One EIS summer of 2010. This project has been presented at several NEPA/404 Merger Meetings including: February 3, 2009 to update purpose and need and alternatives. It was presented at the February 15, 2011, meeting for purpose and need concurrence. In addition, monthly telephone conferences are held to update project status.

Attachments

Cc: Steve Hamer (IDNR)
Kathy Chernich (USACOE)
Shawn Cirton (USFWS)

SDH



Illinois Department of Transportation

Memorandum

To: John Fortmann Attn: Peter E. Harmet
From: John D. Baranzelli By: Thomas C. Brooks
Subject: Biological Resources Review
Date: September 11, 2012

Thomas C. Brooks
CONCUR

Elgin O'Hare EIS Addendum C
Job No. P-91-443-06 (Seq. 15237C)
Municipalities of Franklin Park, Hanover Park, Itasca, ~~DOC~~ Lake, Roselle,
Schaumburg, and Wood Dale
Cook County

By *Steve Hauer*
Division of Impact Analysis #16

IDNR

9-11-2012

This memo covers Addendum C of the above project. The memo appends the prior Biological Resources Review dated February 25, 2011, which covers the original project, Addendum A and Addendum B. The original Addendum C project area consisted of four small areas for compensatory storage/drainage and the Transportation or Transit Corridor along the Milwaukee Railroad from Lake Street to the Schaumburg Metra Station at the west end of the project (see attached aerials). However, the Transportation Corridor area was dropped from Addendum C due to its lack of cost-effectiveness and potential impact on sensitive resources (per email dated April 26, 2012 from Larry Martin of CH2MHill).

The Natural Resources Unit has reviewed this project. The project, as described on the Environmental Survey Request Form, does not require biological surveys. The IDNR Natural Heritage Database has no records of state listed species, natural areas, or nature preserves in the project area (five IDNR NRRT/DIRT Reports dated August 3, 2011). In addition, the IDNR Natural Heritage Database shows the buffer of the 2008 record of the state endangered yellow-headed blackbird (*Xanthocephalus xanthocephalus*) overlapping the Barrington Road and IL 19 intersection (Sheet 1 of aerials). However, there will be no impact to this species due to lack of habitat anywhere in or near the project area due to residential areas west of Barrington Road (IDNR EcoCAT Response letter dated August 9, 2011). In accordance with the 2011 Memorandum of Understanding by and between IDNR and IDOT, consultation is terminated.

A preliminary review was performed of the project area for the potential impact on threatened or endangered species pursuant to Section 7 of the Endangered Species Act as amended. The following threatened or endangered species are listed by the United States Fish and Wildlife Service (USFWS) as occurring in Cook County: Eastern prairie fringed orchid (*Platanthera leucophaea*), leafy prairie clover (~~*Dalea foliosa*~~), Mead's milkweed (~~*Asclepias meadii*~~), Hine's emerald dragonfly and its Critical Habitat (*Somatochlora hineana*), prairie bush

clover (*Lespedeza leptostachya*) and piping plover (*Charadrius melodus*). This office has determined that there will be no effect to the species listed for Cook County, Illinois, as described below. Please keep this memorandum in your project files as it documents and concludes consultation with the IDNR and USFWS.

The federally threatened and Illinois endangered Eastern prairie fringed orchid (*Platanthera leucophaea*) is a plant of open-canopied mesic to wet prairies and wetlands. There is no prairie or high quality wetland (FQI of 20 and/or mean C of 3.5 or greater) within the revised project area. Several wetlands found by the Illinois Natural History Survey in their 2011 wetland delineations in the original Addendum C project area contained suitable habitat for this species. Orchid surveys were planned for 2012. However, since then the potential orchid habitat areas were dropped from the project, eliminating the need for an orchid survey. Therefore, we conclude absence of Eastern prairie fringed orchid in the project area.

Mead's milkweed requires late successional tallgrass prairie, tallgrass prairie converted to hay meadow, and glades or barrens with thin soil. Such habitat does not occur in the project area.

Leafy prairie clover requires prairie remnants on thin soil over limestone. Such habitat does not occur in the project area.

Hine's emerald dragonfly requires spring fed wetlands, wet meadows, and marshes. There is no such habitat in the project area. The Hine's emerald dragonfly critical habitat areas in Cook County are in other areas than the project area.

Piping plover requires Lake Michigan beaches; the project area consists of inland residential, commercial, and wetland areas.

Prairie bush clover requires dry to mesic prairies with gravelly soils. There is no such habitat in the project area.

The Illinois Natural History Survey conducted wetland delineations for Addendum C August 9 and 31, 2011. The report and Wetland Impact Evaluation form and response for the entire project were submitted to IDNR via Standard Action letter dated July 24, 2012. IDNR concurrence is dated August 8, 2012.

Attachments

CC: Steve Hamer (IDNR)

SDH

Environmental Survey Request Addendum

A. Project Information Bio Cultural Wetlands Special Waste

Submittal Date: 04/21/2011 Sequence No: 15237 C

District: 1 Requesting Agency: DOH Project No: []

Contract #: [] Job No.: P- 91-443-06

Counties: Cook and DuPage

Route: FAI 355 FAU 2626 & 1346 Marked: I-355, Arlington Heights Rd...

Street: see add'l info Section: []

Municipality(ies): Addison, Elk Grove Village, Itasca, Uninc. Project Length: 0 km 0 miles

FromTo (At): see add'l info

Quadrangle: Lombard Township-Range-Section: see add'l info

Anticipated Design Approval: 12/31/2012

B. Reason for Submittal: (Check all that apply)

Acquisition of additional ROW or easement Addendum: [] acres Total Project: [] acres

In-Stream Work Stream Name: West Branch DuPa

Other: Wetland survey needed

Field Sign Off (Bio & Cultural Only)

C. Addendum Description: Additional study area for comp storage/drainage, Transportation Corridor.

D. Tree Removal?: Don't Know Number?: [] ha/ [] acres

Wetland delineation performed by: BDE End. Species Consultation performed by: BDE

E. Contact Person: Ron Krall	Local Contact Person: []
Telephone #: (847) 705-4103 ext.	Telephone #: []
Env. Contact: Sam Mead	E-Mail: []
Telephone #: 8477054101	Title/Company: []

F. Update Entire Project

Addendum Only

Field Sign Off (Bio & Cultural Only) Received in CO 04/26/2011

Sequence No: 15237 C

Memo Date: 04/21/2011 Memo By: V. Ruiz

Memo: Route; Franklin Ave: FAU 3533, Wolf Rd. FAU 2690. Municipalities; Franklin Park, Hanover Park, Itasca, Northlake, Roselle, Schaumburg, Wood Dale.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Chicago Ecological Services Field Office
1250 South Grove Avenue, Suite 103
Barrington, Illinois 60010
Phone: (847) 381-2253 Fax: (847) 381-2285

IN REPLY REFER TO:
FWS/AES-CIFO/8-FA-0221 / SL-0207

February 5, 2008

Mr. Peter E. Harmet
Illinois Department of Transportation
Division of Highways / Region 1 / District 1
201 West Center Court
Schaumburg, Illinois 60196-1096

BUREAU OF PROGRAMMING
RECEIVED
FEB 11 2008
DISTRICT #1

Dear Mr. Harmet:

This responds to your letter dated January 11, 2008 requesting information on endangered or threatened species within a proposed study area for the Elgin O'Hare – West Bypass project. You enclosed a site location map and an aerial photograph indicating the study area boundaries. The study area extends approximately 2 miles outward from an area generally bounded by Interstate 90 on the north, Interstate 294 on the east, and Interstate 290 on the south and west. The study area is within Cook and DuPage Counties, Illinois.

Because you are requesting information for such a massive area of land, it is difficult to determine, given the documents submitted, whether this proposed project would adversely affect federal threatened or endangered species. At that time when more definitive routes are decided, we suggest that you submit them to this office along with information on wetlands that may be impacted, for a more thorough review.

The study area encompasses two known locations of the federally threatened eastern prairie fringed orchid (*Platanthera leucophaea*) and two known locations of the eastern massasauga rattlesnake (*Sistrurus catenatus*) which is a candidate for listing. No critical habitat for protected species occurs within the study area.

The two known locations of the eastern prairie fringed orchid are within T40N, R12E, Section 14 and T40N, R10E, Section 24. Possible habitat of the eastern prairie fringed orchid includes mesic prairie, sedge meadows, marsh edges and bogs. Soils of these habitats include glacial soils, lake plain deposits, muck, and peat. Potentially, any moderate to high quality wetland habitat within the study area could support habitat conducive to the presence of this species. If wetlands are to be impacted by this proposed project, careful attention should be made to the

quality of the wetlands and if necessary conduct searches for these types of habitat. If any of the above habitat remnants are found within any of the project areas, we request that searches for this species be conducted.

We have noticed that in northeastern Illinois orchid populations bloom sporadically rather than all plants blooming at the same time. Because of this pattern, and small population numbers, it is possible to conduct an orchid search and not detect orchids even when they are present.

If potential habitat is observed and a field search should be conducted, we recommend conducting the field search during the bloom date of the orchid; June 28 through July 11, with searches conducted a minimum of three non-consecutive days within this time period. Using this approach, we could be more confident of negative survey results. Depending on the quality of habitat and proximity of known orchid locations, our confidence in negative survey results may be very low. We recommend working early on project plans to assure that potential orchid habitat would not be affected

The eastern massasauga rattlesnake (*Sistrurus catenatus*) is known from both historic and recent records at the above locations. The eastern massasauga is a candidate for Federal listing, and is listed as a state endangered species by the Illinois Department of Natural Resources. Although candidate species do not receive Federal protection, we recommend considering their conservation now to help retain flexibility should the species be listed and receive protection under the Endangered Species Act. In northeast Illinois, the eastern massasauga most often occurs in shrubby or grassy habitats in floodplains and riparian corridors. We recommend that IDOT work with this office to identify areas where you should conduct surveys for the eastern massasauga along with habitat management actions that may be necessary for your survey to be valid.

Because the massasauga is a venomous species, a person familiar with it (and qualified to handle it) should be present when work takes place. Attempts should be made to carefully capture and move any such individuals a short distance (50 meters or less) away from the construction activity, and to suitable habitat. This office should also be informed if any massasauga is encountered after the proposed project commences. Please note that because the eastern massasauga is listed as a State endangered species, the Illinois Department of Natural Resources should be contacted to determine whether the project applicant or their contractor needs state permits to handle this species as described above.

We look forward to working with you and the Army Corps of Engineers in determining whether your final project plans would affect any federal listed species.

These comments only address federally listed species. Please contact the Illinois Department of Natural Resources for information on State-listed species. Also, we may have the opportunity to review the project for a broader range of fish and wildlife impacts if it requires a Section 404 permit. We are willing to work with you in advance of formal submittal if it would help streamline the approval process.

Mr. Peter E. Harmet

3

If you have any questions, please contact Ms. Cathy Pollack at 847/381-2253 ext. 20, or Ms. Karla Kramer at 847/381-2253 ext. 12.

Sincerely,

A handwritten signature in black ink that reads "John D. Rogner". The signature is written in a cursive style with a large, looping initial "J".

John D. Rogner
Field Supervisor



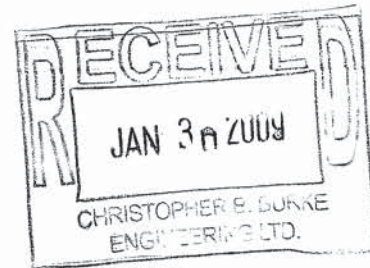
United States Department of the Interior

FISH AND WILDLIFE SERVICE
Chicago Ecological Services Field Office
1250 South Grove Avenue, Suite 103
Barrington, Illinois 60010
Phone: (847) 381-2253 Fax: (847) 381-2285

IN REPLY REFER TO:
FWS/AES-CIFO/8-FA-0221 / SL-0207

January 29, 2009

Mr. Peter M. Knysz
Christopher B. Burke Engineering, Ltd.
9575 West Higgins Road, Suite 600
Rosemont, Illinois 60018



Dear Mr. Knysz:

This responds to your letter dated December 15, 2008 requesting information on endangered or threatened species within an expanded study area for the proposed Elgin O'Hare West Bypass project. This expanded study area includes area from North Plum Grove Road to west of US Route 20 in Hanover Park, DuPage County, Illinois as depicted on the maps you enclosed.

The previously submitted study area, which extended approximately 2 miles outward from an area generally bounded by Interstate 90 on the north, Interstate 294 on the east, and Interstate 290 on the south and west, was addressed in correspondence dated February 5, 2008. At that time we indicated that this area encompassed two known locations of the federally threatened eastern prairie fringed orchid (*Platanthera leucophaea*) and two known locations of the eastern massasauga rattlesnake (*Sistrurus catenatus*) which is a candidate for listing. No critical habitat for protected species occurred within the study area. Newer information indicates that the eastern massasauga rattlesnake is no longer an issue for the previous project boundaries.

The two known locations of the eastern prairie fringed orchid are within T40N, R12E, Section 14 and T40N, R10E, Section 24. Possible habitat of the eastern prairie fringed orchid includes mesic prairie, sedge meadows, marsh edges and bogs. Soils of these habitats include glacial soils, lake plain deposits, muck, and peat. Potentially, any moderate to high quality wetland habitat within the study area could support this species. If wetlands are to be impacted by this proposed project, careful attention should be made to the quality of the wetlands and if necessary conduct searches for these types of habitat. If any of the above habitat remnants are found within any of the project areas, we request that searches for this species be conducted.

We have noticed that in northeastern Illinois orchid populations bloom sporadically rather than all plants blooming at the same time. Because of this pattern, and small population numbers, it is possible to conduct an orchid search and not detect orchids even when they are present.

Mr. Peter M. Knysz

2

If potential habitat is observed and a field search should be conducted, we recommend conducting the field search during the bloom date of the orchid; June 28 through July 11, with searches conducted a minimum of three non-consecutive days within this time period. Using this approach, we could be more confident of negative survey results.

We recommend working early on project plans to assure that potential orchid habitat would not be affected. We look forward to working with you and the Army Corps of Engineers in determining whether your final project plans would affect any federal listed species.

In regards to the new expanded study area from North Plum Grove Road to west of US Route 20 in Hanover Park, no federally listed species, nor critical habitat is known to occur.

When more definitive routes for this proposed project are decided, we recommend that you submit them to this office along with information on the quality of the wetlands that may be impacted, for a more thorough review.

We look forward to working with you and the Army Corps of Engineers in determining whether your final project plans would affect any federal listed species.

These comments only address federally listed species. Please contact the Illinois Department of Natural Resources for information on State-listed species. Also, we may have the opportunity to review the project for a broader range of fish and wildlife impacts if it requires a Section 404 permit. We are willing to work with you in advance of formal submittal if it would help streamline the approval process.

If you have any questions, please contact Ms. Cathy Pollack at 847/381-2253 ext. 20, or Ms. Karla Kramer at 847/381-2253 ext. 12.

Sincerely,

A handwritten signature in black ink that reads "John D. Rogner". The signature is written in a cursive style with a large, prominent "J" and "R".

John D. Rogner
Field Supervisor

Applicant: CBBEL
Contact: Pete Knysz
Address: 9575 W. Higgins Road, Suite 600
Rosemont, IL 60018

IDNR Project #: 1108370
Date: 02/11/2011

Project: Elgin - O'Hare West Bypass
Address: Various, Schaumburg

Description: Elgin - O'Hare West Bypass Construction

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Black Tern (*Chlidonias niger*)

Yellow-Headed Blackbird (*Xanthocephalus xanthocephalus*)

An IDNR staff member will evaluate this information and contact you within 30 days to request additional information or to terminate consultation if adverse effects are unlikely.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Cook

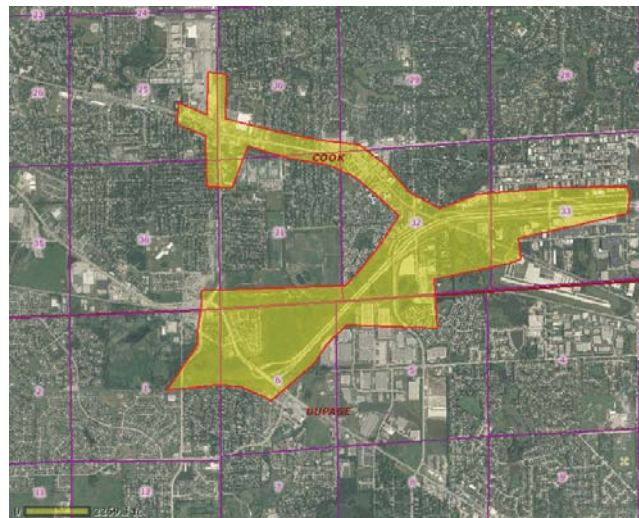
Township, Range, Section:

41N, 10E, 29	41N, 10E, 30
41N, 10E, 31	41N, 10E, 32
41N, 10E, 33	41N, 9E, 25
41N, 9E, 36	

County: DuPage

Township, Range, Section:

40N, 10E, 5	40N, 10E, 6
40N, 9E, 1	



IL Department of Natural Resources Contact

Steve Hamer
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction

IL Department of Transportation
Ron Krall
201 W. Center Court
Schaumburg, Illinois 60196

Disclaimer

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Applicant: CBBEL
Contact: Pete Knysz
Address: 9575 W. Higgins Road
Rosemont, IL 60018

IDNR Project #: 1108378
Date: 02/11/2011

Project: Elgin O'Hare West Bypass
Address: Various, Schaumburg

Description: Elgin O'Hare West Bypass construction

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Wgn Marsh INAI Site

Yellow-Headed Blackbird (*Xanthocephalus xanthocephalus*)

An IDNR staff member will evaluate this information and contact you within 30 days to request additional information or to terminate consultation if adverse effects are unlikely.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Cook

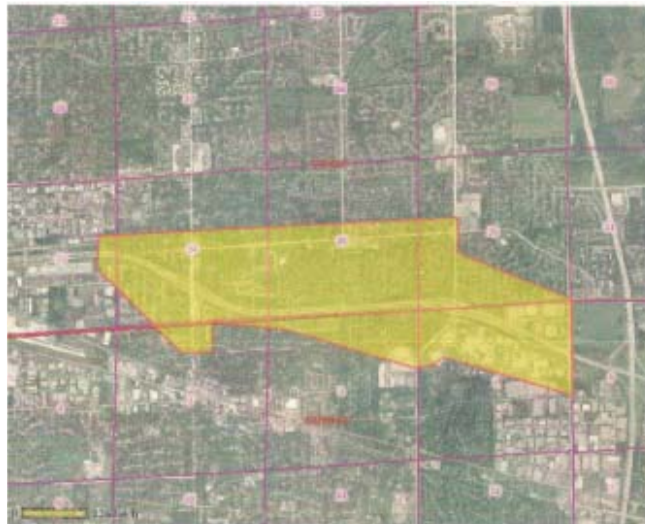
Township, Range, Section:

41N, 10E, 33	41N, 10E, 34
41N, 10E, 35	41N, 10E, 36
41N, 11E, 31	

County: DuPage

Township, Range, Section:

40N, 10E, 1	40N, 10E, 2
40N, 10E, 3	40N, 11E, 6



IL Department of Natural Resources Contact
Steve Hamer
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction
IL Department of Transportation
Ron Krall
201 W. Center Court
Schaumburg, Illinois 60196

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Applicant: CBBEL
Contact: Pete Knysz
Address: 9575 W. Higgins Road
Rosemont, IL 60018

IDNR Project #: 1108384
Date: 02/11/2011

Project: Elgin O'Hare West Bypass
Address: Various, Schaumburg

Description: Elgin O'Hare West Bypass

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Wgn Marsh INAI Site

Least Bittern (*Ixobrychus exilis*)

Yellow-Headed Blackbird (*Xanthocephalus xanthocephalus*)

Yellow-Headed Blackbird (*Xanthocephalus xanthocephalus*)

An IDNR staff member will evaluate this information and contact you within 30 days to request additional information or to terminate consultation if adverse effects are unlikely.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Cook

Township, Range, Section:

41N, 11E, 31

County: DuPage

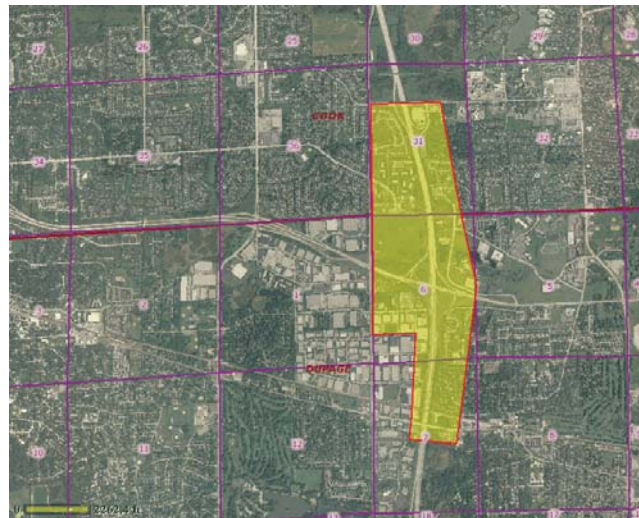
Township, Range, Section:

40N, 10E, 1

40N, 11E, 5

40N, 11E, 6

40N, 11E, 7



IL Department of Natural Resources Contact

Steve Hamer
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction

IL Department of Transportation
Ron Krall
201 W. Center Court
Schaumburg, Illinois 60196

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Applicant: CBBEL
Contact: Pete Knysz
Address: 9575 W. Higgins Road
Rosemont, IL 60018

IDNR Project #: 1108389
Date: 02/11/2011

Project: Elgin O'Hare West Bypass
Address: Various, Schaumburg

Description: Elgin O'Hare West Bypass Construction

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location.

Consultation is terminated. This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary. Termination does not imply IDNR's authorization or endorsement.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Cook

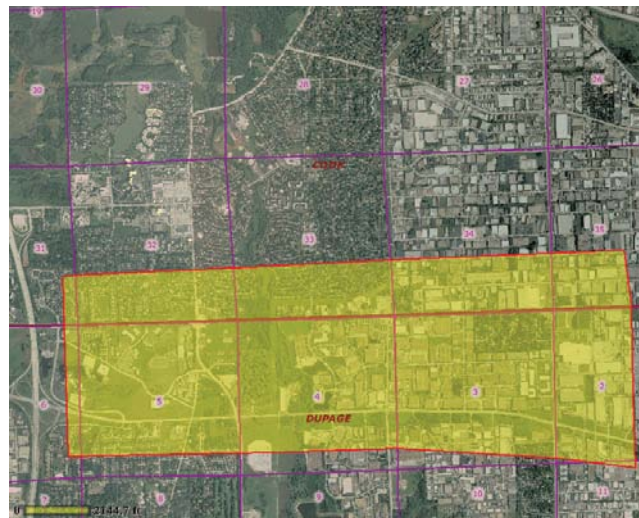
Township, Range, Section:

41N, 11E, 31	41N, 11E, 32
41N, 11E, 33	41N, 11E, 34
41N, 11E, 35	

County: DuPage

Township, Range, Section:

40N, 11E, 2	40N, 11E, 3
40N, 11E, 4	40N, 11E, 5
40N, 11E, 6	40N, 11E, 11



IL Department of Natural Resources Contact

Steve Hamer
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction

IL Department of Transportation
Ron Krall
201 W. Center Court
Schaumburg, Illinois 60196

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Applicant: CBBEL
Contact: Pete Knysz
Address: 9575 W. Higgins Road
Rosemont, IL 60018

IDNR Project #: 1108393
Date: 02/11/2011

Project: Elgin O'Hare West Bypass
Address: Various, Wood Dale

Description: Elgin O'Hare West Bypass Construction

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location.

Consultation is terminated. This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary. Termination does not imply IDNR's authorization or endorsement.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Cook

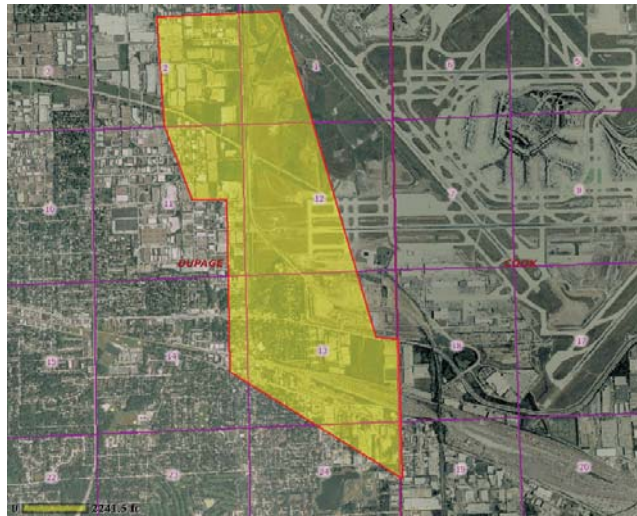
Township, Range, Section:

40N, 12E, 18 40N, 12E, 19

County: DuPage

Township, Range, Section:

40N, 11E, 1 40N, 11E, 2
40N, 11E, 11 40N, 11E, 12
40N, 11E, 13 40N, 11E, 14
40N, 11E, 24



IL Department of Natural Resources Contact

Steve Hamer
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction

IL Department of Transportation
Ron Krall
201 W. Center Court
Schaumburg, Illinois 60018

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Applicant: CBBEL
Contact: Pete Knysz
Address: 9575 W. Higgins Road
Rosemont, IL 60018

IDNR Project #: 1108394
Date: 02/11/2011

Project: Elgin O'Hare West Bypass
Address: Various, Bensenville

Description: Elgin O'Hare West Bypass Construction

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location.

Consultation is terminated. This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary. Termination does not imply IDNR's authorization or endorsement.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Cook

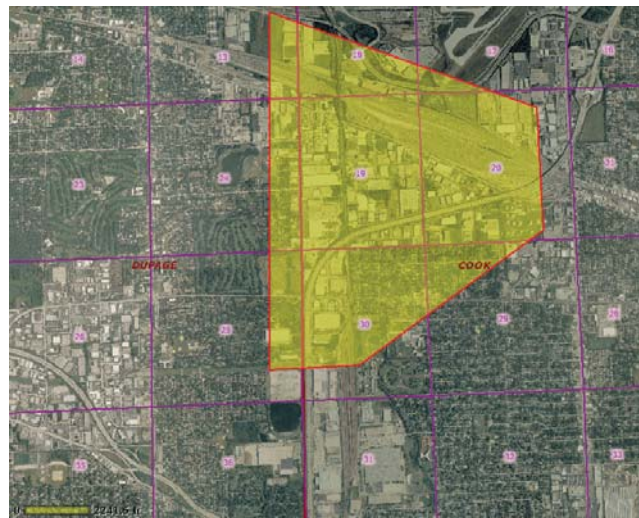
Township, Range, Section:

40N, 12E, 17	40N, 12E, 18
40N, 12E, 19	40N, 12E, 20
40N, 12E, 29	40N, 12E, 30

County: DuPage

Township, Range, Section:

40N, 11E, 13	40N, 11E, 24
40N, 11E, 25	



IL Department of Natural Resources Contact

Steve Hamer
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction

IL Department of Transportation
Ron Krall
201 W. Center Court
Schaumburg, Illinois 60196

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Applicant: CBBEL
Contact: Pete Knysz
Address: 9575 W. Higgins Road
Rosemont, IL 60018

IDNR Project #: 1108396
Date: 02/11/2011

Project: Elgin O'Hare West Bypass
Address: Various, Bensenville

Description: Elgin O'Hare West Bypass Construction

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location.

Consultation is terminated. This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary. Termination does not imply IDNR's authorization or endorsement.

Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Cook

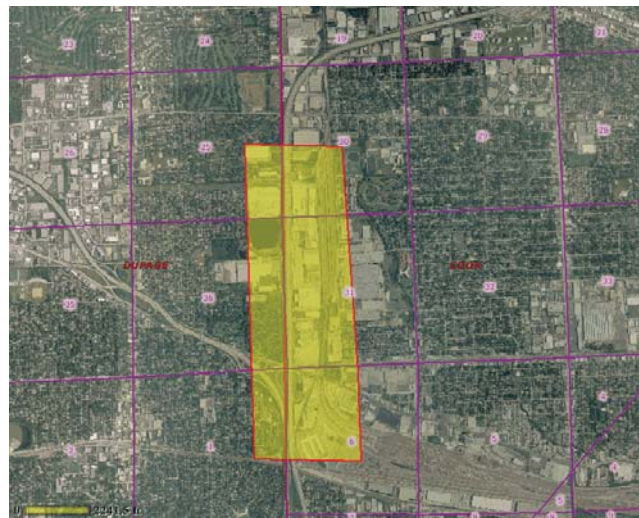
Township, Range, Section:

39N, 12E, 6 40N, 12E, 30
40N, 12E, 31

County: DuPage

Township, Range, Section:

39N, 11E, 1 40N, 11E, 25
40N, 11E, 36



IL Department of Natural Resources Contact

Steve Hamer
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction

IL Department of Transportation
Ron Krall
201 W. Center Court
Schaumburg, Illinois 60196

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Applicant: CBBEL
Contact: Pete Knysz
Address: 9575 W. Higgins Road
Rosemont, IL 60018

IDNR Project #: 1108398
Date: 02/11/2011

Project: Elgin O'Hare West Bypass
Address: Various, Bensenville

Description: Elgin O'Hare West Bypass Construction

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database contains no record of State-listed threatened or endangered species, Illinois Natural Area Inventory sites, dedicated Illinois Nature Preserves, or registered Land and Water Reserves in the vicinity of the project location.

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Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Cook

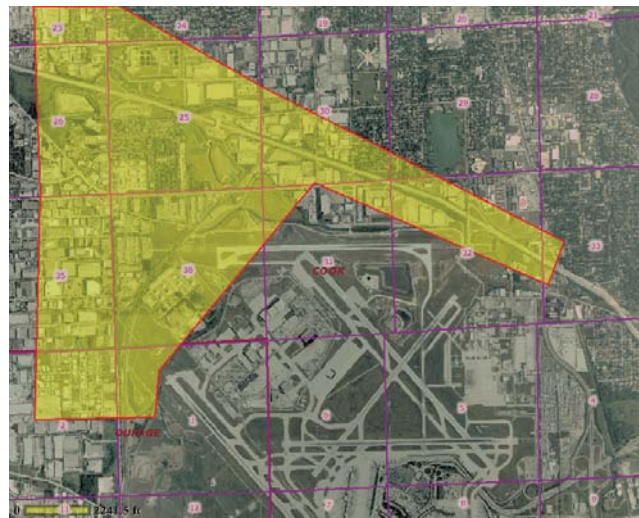
Township, Range, Section:

41N, 11E, 23	41N, 11E, 24
41N, 11E, 25	41N, 11E, 26
41N, 11E, 35	41N, 11E, 36
41N, 12E, 29	41N, 12E, 30
41N, 12E, 31	41N, 12E, 32
41N, 12E, 33	

County: DuPage

Township, Range, Section:

40N, 11E, 1	40N, 11E, 2
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IL Department of Natural Resources Contact

Steve Hamer
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction

IL Department of Transportation
Ron Krall
201 W. Center Court
Schaumburg, Illinois 60196

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Applicant: CBBEL
Contact: Pete Knysz
Address: 9575 W. Higgins Road
Rosemont, IL 60018

IDNR Project #: 1108402
Date: 02/11/2011

Project: Elgin O'Hare West Bypass
Address: Various, Des Plaines

Description: Elgin O'Hare West Bypass Construction

Natural Resource Review Results

Consultation for Endangered Species Protection and Natural Areas Preservation (Part 1075)

The Illinois Natural Heritage Database shows the following protected resources may be in the vicinity of the project location:

Busse Woods INAI Site
Busse Forest Nature Preserve

An IDNR staff member will evaluate this information and contact you within 30 days to request additional information or to terminate consultation if adverse effects are unlikely.

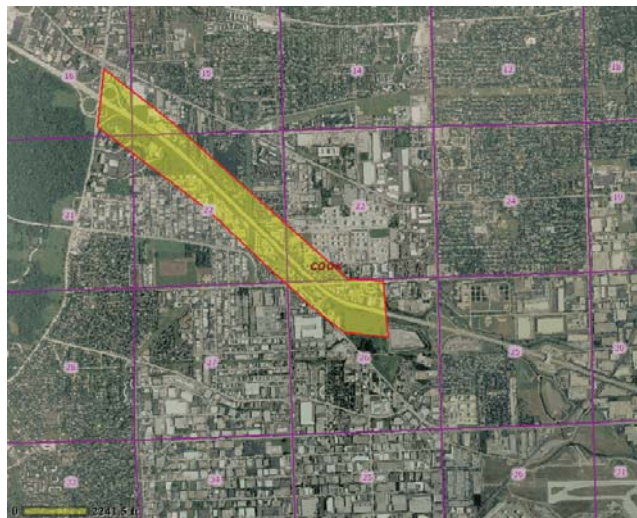
Location

The applicant is responsible for the accuracy of the location submitted for the project.

County: Cook

Township, Range, Section:

41N, 11E, 15	41N, 11E, 16
41N, 11E, 21	41N, 11E, 22
41N, 11E, 23	41N, 11E, 26
41N, 11E, 27	



IL Department of Natural Resources Contact
Steve Hamer
217-785-5500
Division of Ecosystems & Environment

Local or State Government Jurisdiction
IL Department of Transportation
Ron Krall
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Schaumburg, Illinois 60196

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Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

Pat Quinn, Governor
Marc Miller, Director

February 14, 2011

Pete Knysz
CBBEL
9575 W. Higgins Road, Suite 600
Rosemont, IL 60018

Re: Elgin - O'Hare West Bypass
Project Number(s): 1108370
County: Cook, DuPage

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 is terminated.

This consultation is valid for two years unless new information becomes available that was not previously considered; the proposed action is modified; or additional species, essential habitat, or Natural Areas are identified in the vicinity. If the project has not been implemented within two years of the date of this letter, or any of the above listed conditions develop, a new consultation is necessary.

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Please contact me if you have questions regarding this review.

Steve Hamer
Division of Ecosystems and Environment
217-785-5500



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

Pat Quinn, Governor
Marc Miller, Director

February 14, 2011

Pete Knysz
CBBEL
9575 W. Higgins Road
Rosemont, IL 60018

Re: Elgin O'Hare West Bypass
Project Number(s): 1108378
County: Cook, DuPage

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 is terminated.

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Steve Hamer
Division of Ecosystems and Environment
217-785-5500



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<http://dnr.state.il.us>

Pat Quinn, Governor
Marc Miller, Director

February 14, 2011

Pete Knysz
CBBEL
9575 W. Higgins Road
Rosemont, IL 60018

Re: Elgin O'Hare West Bypass
Project Number(s): 1108384
County: Cook, DuPage

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 is terminated.

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Steve Hamer
Division of Ecosystems and Environment
217-785-5500



Illinois Department of Natural Resources

One Natural Resources Way Springfield, Illinois 62702-1271
<http://dnr.state.il.us>

Pat Quinn, Governor
Marc Miller, Director

February 14, 2011

Pete Knysz
CBBEL
9575 W. Higgins Road
Rosemont, IL 60018

Re: Elgin O'Hare West Bypass
Project Number(s): 1108402
County: Cook

Dear Applicant:

This letter is in reference to the project you recently submitted for consultation. The natural resource review provided by EcoCAT identified protected resources that may be in the vicinity of the proposed action. The Department has evaluated this information and concluded that adverse effects are unlikely. Therefore, consultation under 17 Ill. Adm. Code Part 1075 is terminated.

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