

APPENDIX A. DOCUMENTED CATEX

Airport sponsors may use this form for projects eligible for a categorical exclusion (CATEX) that have greater potential for extraordinary circumstances or that otherwise require additional documentation, as described in the Environmental Orders (FAA Order 1050.1F and FAA Order 5050.4B).

To request a CATEX determination from the FAA, the sponsor should review potentially affected environmental resources, review the requirements of the applicable special purpose laws, and **consult with the Airports District Office or Regional Airports Division Office staff** about the type of information needed. The form and supporting documentation should be completed in accordance with the provisions of FAA Order 5050.4B, paragraph 302b, and submitted to the appropriate FAA Airports District/Division Office. The CATEX cannot be approved until all information/documentation is received and all requirements have been fulfilled.

Name of Airport, LOC ID, and location:

Chicago-Rockford International Airport, RFD, Rockford, IL

Project Title:

Windcone Relocation

Give a brief, but complete description of the proposed project, including all project components, justification, estimated start date, and duration of the project. Include connected actions necessary to implement the proposed project (including but not limited to moving NAVAIDs, change in flight procedures, haul routes, new material or expanded material sources, staging or disposal areas). Attach a sketch or plan of the proposed project. Photos can also be helpful.

The proposed project would remove and relocate four windcones, per FAA's inspection on March 20, 2024. The FAA inspection identified that the windcones are currently within the runway safety area (RSA) and not supported by frangible couplings. According to the FAA's Compliance Letter dated April 1, 2024, *"no objects should be in any safety area unless necessary for their function, and such objects must be constructed on frangible structures of the lowest practical height, with the frangible point no higher than three inches above grade."* Therefore, the project would remove the existing windcones and reposition them outside of the RSA and ensure they are supported by frangible couplings. Three of the windcones would be L-806 supplemental windcones, placed outside the Runway Safety Area (RSA) but within the Runway Object Free Area (ROFA), and one would be an L-807 primary windcone, positioned outside the ROFA.

Estimated start date: September 1, 2024, Estimated completion date: October 15, 2024.

Give a brief, but complete, description of the proposed project area. Include any unique or natural features within or surrounding airport property.

The proposed project areas are mowed turf inside the runway/taxiway infields.

Identify the appropriate CATEX paragraph(s) from Order 1050.1F (paragraph 5-6.1 through 5-6.6) or 5050.4B (Tables 6-1 and 6-2) that apply to the project. Describe if the project differs in any way from the specific language of the CATEX or examples given as described in the Order.

5-6.3.e. Federal financial assistance for, Airport Layout Plan (ALP) approval of, or FAA installation, repair, relocation, replacement, removal, or upgrade of minor miscellaneous items such as Low Level Wind Shear Alert System (LLWAS), wind indicators, wind measuring devices, landing directional equipment, segmented circles (visual indicators providing traffic pattern information at airports without airport traffic control towers (ATCTs)), mobile ATCTs, Mobile Emergency Radar Facilities (MERF), and associated fencing and calibration equipment. (ARP, ATO)

The circumstances one must consider when documenting a CATEX are listed below along with each of the impact categories related to the circumstance. Use FAA Environmental Orders 1050.1F, 5050.4B, and the Desk Reference for Airports Actions, as well as other guidance documents to assist you in determining what information needs to be provided about these resource topics to address potential impacts. Keep in mind that both construction and operational impacts must be included. Indicate whether or not there would be any effects under the particular resource topic and, **if needed**, cite available references to support these conclusions. Additional analyses and inventories can be attached or cited as needed.

5-2. b (1) National Historic Preservation Act (NHPA) resources

	YES	NO
Are there historic/cultural resources listed (or eligible for listing) on the National Register of Historic Places located in the Area of Potential Effect? If yes, provide a record of the historic and/or cultural resources located therein and check with your local Airports Division/District Office to determine if a Section 106 finding is required.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the project have the potential to cause effects? If yes, describe the nature and extent of the effects.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the project area undisturbed? If not, provide information on the prior disturbance (including type and depth of disturbance, if available) <i>The entire site around each windcone at existing and proposed locations were previously disturbed through runway and taxiway construction and windcone installation.</i>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the project impact tribal land or land of interest to tribes? If yes, describe the nature and extent of the effects and provide information on the tribe affected. Consultation with their THPO or a tribal representative along with the SHPO may be required.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (2) Department of Transportation Act Section 4(f) and 6(f) resources

	YES	NO
Are there any properties protected under Section 4(f) (as defined by FAA Order 1050.1F) in or near the project area? This includes publicly owned parks, recreation areas, and wildlife or waterfowl refuges of national, state or local significance or land from a historic site of national, state or local significance.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will project construction or operation physically or constructively “use” any Section 4(f) resource? If yes, describe the nature and extent of the use and/or impacts, and why there are no prudent and feasible alternatives. See 5050.4B Desk Reference Chapter 7.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the project affect any recreational or park land purchased with Section 6(f) Land and Water Conservation Funds? If so, please explain if there will be impacts to those properties.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (3) Threatened or Endangered Species

YES NO

<p>Are there any federal or state listed endangered, threatened, or candidate species or designated critical habitat in or near the project area? This includes species protected by individual statute, such as the Bald Eagle.</p> <p>The United States Fish and Wildlife Service (USFWS), through the Information for Planning and Consultation (IPaC) website, indicates that the following federally protected species may be present in the proposed project area:</p> <ul style="list-style-type: none"> • Indiana Bat (Endangered) • Northern Long-eared Bat (Endangered) • Whooping Crane (Experimental Population, Non-Essential (EXPN)) • Hine's Emerald Dragonfly (Endangered) • Monarch Butterfly (Candidate) • Rusty Patched Bumble Bee (Endangered) • Western Regal Fritillary (Proposed Threatened) • Eastern Prairie Fringed Orchid (Threatened) • Prairie Bush-clover (Threatened) <p>See attached USFWS IPaC letter.</p> <p>The Illinois Department of Natural Resources (IDNR), through the Ecological Compliance Assessment Tool (EcoCAT), indicates that the following state protected species may be present in the vicinity of the proposed project area:</p> <ul style="list-style-type: none"> • Black-Billed Cuckoo (Threatened) • Gravel Chub (Threatened) • Rusty Patched Bumble Bee (Endangered) <p>See attached EcoCAT.</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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	YES	NO
<p>Does the project affect or have the potential to affect, directly or indirectly, any federal or state-listed, threatened, endangered or candidate species, or designated habitat under the Endangered Species Act? If yes, Section 7 consultation between the FAA and the US Fish & Wildlife Service, National Marine Fisheries Service, and/or the appropriate state agency will be necessary. Provide a description of the impacts and how impacts will be avoided, minimized, or mitigated. Provide the Biological Assessment and Biological Opinion, if required.</p> <p>There are no suitable habitats present within the proposed project area for all federally listed species. The proposed project is also within the range of the candidate species Monarch Butterfly, which is not yet listed or proposed for listing. There are no Section 7 requirements for candidate species. The Western Regal Fritillary is currently listed as proposed threatened which it has not yet been designated as a threatened species and is still under evaluation. Large, intense or frequent, or permanent disturbances can also cause negative individual- or population-level effects, particularly during the sedentary, early life stages of the butterfly. The regal fritillary cannot survive in altered landscapes, including nonnative pastures or developed areas surrounding prairie remnants. The Whooping Crane is listed within the range of Winnebago County, Illinois as experimental population, non-essential (EXPN). An EXPN is a population that has been established within its historical range under section 10(j) of the Endangered Species Act (ESA) to aid recovery of the species. The Service has determined a non-essential population is not necessary for the continued existence of the species. The proposed project area does not contain any habitat for the Whooping Crane. According to the attached USFWS IPaC letter, there are no critical habitats present within the proposed project area for any federally listed species.</p> <p>The proposed project area is within the high potential zone for the Rusty Patched Bumble Bee (RPBB). High Potential Zones (HPZ) are zones in which the presence of the RPBB is presumed present if suitable habitat exists. The proposed action would occur on an airfield infield that is regularly mowed. These areas do not provide any foraging, nesting, or overwintering habitat for the RPBB. Therefore, the proposed project would have no effect on the RPBB.</p> <p>Regarding state-listed species, the EcoCAT consultation letter indicates that adverse effects are unlikely.</p> <p>See attached RPBB Map and EcoCAT consultation letter.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Does the project have the potential to take birds protected by the Migratory Bird Treaty Act? Describe steps to avoid, minimize, or mitigate impacts (such as timing windows determined in consultation with the US Fish & Wildlife Service).</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (4) Other Resources

Items to consider include:

a. Fish and Wildlife Coordination Act	YES	NO
<p>Does the project area contain resources protected by the Fish and Wildlife Coordination Act? If yes, describe any impacts and steps taken to avoid, minimize, or mitigate impacts.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Wetlands and Other Waters of the U.S.	YES	NO
<p>Are there any wetlands or other waters of the U.S. in or near the project area? See attached Wetlands Map.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>Has wetland delineation been completed within the proposed project area? If yes, please provide U.S. Army Corps of Engineers (USACE) correspondence and jurisdictional determination. If delineation was not completed, was a field check done to confirm the presence/absence of wetlands or other waters of the U.S.? If not both, please explain what methods were used to determine the presence/absence of wetlands. The USFWS National Wetlands Inventory map was reviewed and consultation with IDNR occurred to determine the absence of wetlands in the proposed project area.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<p>If wetlands are present, will the project result in impacts, directly or indirectly (including tree clearing)? Describe any steps taken to avoid, minimize or mitigate the impact. Not applicable.</p>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Is a USACE Clean Water Act Section 404 permit required? If yes, does the project fall within the parameters of a general permit? If so, which general permit?</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Floodplains	YES	NO
<p>Will the project be located in, encroach upon or otherwise impact a floodplain? If yes, describe impacts and any agency coordination or public review completed including coordination with the local floodplain administrator. Attach the FEMA map if applicable and any documentation. There are no floodplains located in the proposed project area. See attached FEMA map.</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

d. Coastal Resources	YES	NO
Will the project occur in or impact on a coastal zone as defined by the State’s Coastal Zone Management Plan? If yes, discuss the project’s consistency with the State’s CZMP. Attach the consistency determination if applicable.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the project occur in or impact the Coastal Barrier Resource System as defined by the US Fish and Wildlife Service?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. National Marine Sanctuaries	YES	NO
Is a National Marine Sanctuary located in the project area? If yes, discuss the potential for the project to impact that resource.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Wilderness Areas	YES	NO
Is a Wilderness Area located in the project area? If yes, discuss the potential for the project to impact that resource.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g. Farmland	YES	NO
Is there prime, unique, state, or locally important farmland in/near the project area? Describe any significant impacts from the project.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Does the project include the acquisition and conversion of farmland? If farmland will be converted, describe coordination with the US Natural Resources Conservation and attach the completed Form AD-1006.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
h. Energy Supply and Natural Resources	YES	NO
Will the project change energy requirements or use consumable natural resources either during construction or during operations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the project change aircraft/vehicle traffic patterns that could alter fuel usage either during construction or operations? Each runway would need to be closed for approximately eight hours during the project.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

i. Wild and Scenic Rivers	YES	NO
Is there a river on the Nationwide Rivers Inventory, a designated river in the National System, or river under State jurisdiction (including study or eligible segments) near the project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the project directly or indirectly affect the river or an area within ¼ mile of its ordinary high-water mark?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
j. Solid Waste Management	YES	NO
Does the project (either the construction activity or the completed, operational facility) have the potential to generate significant levels of solid waste? If so, discuss how these will be managed.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (5) Disruption of an Established Community

	YES	NO
Will the project disrupt a community, planned development or be inconsistent with plans or goals of the community?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Are residents or businesses being relocated as part of the project?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (6) Environmental Justice

	YES	NO
Are there minority and/or low-income populations in/near the project area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the project cause any disproportionately high and adverse impacts to minority and/or low-income populations? Attach census data if warranted.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (7) Surface Transportation

	YES	NO
Will the project cause a significant increase in surface traffic congestion or cause a degradation of the level of service provided?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the project require a permanent road relocation or closure? If yes, describe the nature and extent of the relocation or closure and indicate if coordination with the agency responsible for the road and emergency services has occurred.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (8) Noise

	YES	NO
Will the project result in an increase in aircraft operations, nighttime operations, or change aircraft fleet mix?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the project cause a change in airfield configuration, runway use, or flight patterns either during construction or after the project is implemented? <i>Each runway would need to be closed for approximately eight hours during the project.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Does the forecast exceed 90,000 annual propeller operations, 700 annual jet operations or 10 daily helicopter operations or a combination of the above? If yes, a noise analysis may be required if the project would result in a change in operations. <i>Although the forecast exceeds the listed number of operations, the proposed project would not affect the number of operations on the airport.</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Has a noise analysis been conducted, including but not limited to generated noise contours, a specific point analysis, area equivalent method analysis, or other screening method. If yes, provide that documentation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Could the project have a significant impact (DNL 1.5 dB or greater increase) on noise levels over noise sensitive areas within the 65+ DNL noise contour?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (9) Air Quality

	YES	NO
Is the project located in a Clean Air Act non-attainment or maintenance area?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If yes, is it listed as exempt, presumed to conform or will emissions (including construction emissions) from the project be below <i>de minimis</i> levels (provide the paragraph citation for the exemption or presumed to conform list below, if applicable) Is the project accounted for in the State Implementation Plan or specifically exempted? Attach documentation. <i>Not applicable.</i>	<input type="checkbox"/>	<input type="checkbox"/>
Does the project have the potential to increase landside or airside capacity, including an increase of surface vehicles?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Could the project impact air quality or violate local, State, Tribal or Federal air quality standards under the Clean Air Act Amendments of 1990 either during construction or operations?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (10) Water Quality

	YES	NO
Are there water resources within or near the project area? These include groundwater, surface water (lakes, rivers, etc.), sole source aquifers, and public water supply. If yes, provide a description of the resource, including the location (distance from project site, etc.).	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will the project impact any of the identified water resources either during construction or operations? Describe any steps that will be taken to protect water resources during and after construction. <i>Not applicable.</i>	<input type="checkbox"/>	<input type="checkbox"/>
Will the project increase the amount or rate of stormwater runoff either during construction or during operations? Describe any steps that will be taken to ensure it will not impact water quality.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

	YES	NO
Does the project have the potential to violate federal, state, tribal or local water quality standards established under the Clean Water and Safe Drinking Water Acts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is any water quality-related permits required? If yes, list the appropriate permits.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (11) Highly Controversial on Environmental Grounds

	YES	NO
Is the project highly controversial? The term “highly controversial” means a substantial dispute exists as to the size, nature, or effect of a proposed federal action. The effects of an action are considered highly controversial when reasonable disagreement exists over the project’s risks of causing environmental harm. Mere opposition to a project is not sufficient to be considered highly controversial on environmental grounds. Opposition on environmental grounds by a federal, state, or local government agency or by a tribe or a substantial number of the persons affected by the action should be considered in determining whether or not reasonable disagreement exists regarding the effects of a proposed action.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (12) Inconsistent with Federal, State, Tribal or Local Law

	YES	NO
Will the project be inconsistent with plans, goals, policy, zoning, or local controls that have been adopted for the area in which the airport is located?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Is the project incompatible with surrounding land uses?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (13) Light Emissions, Visual Effects, and Hazardous Materials

a. Light Emissions and Visual Effects	YES	NO
Will the proposed project produce light emission impacts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Will there be visual or aesthetic impacts as a result of the proposed project and/or have there been concerns expressed about visual/aesthetic impacts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Hazardous Materials	YES	NO
Does the project involve or affect hazardous materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Will construction take place in an area that contains or previously contained hazardous materials?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If the project involves land acquisition, is there a potential for this land to contain hazardous materials or contaminants? <i>Not applicable.</i>	<input type="checkbox"/>	<input type="checkbox"/>
Will the proposed project produce hazardous and/or solid waste either during construction or after? If yes, how will the additional waste be handled?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (14) Public Involvement

	YES	NO
Was there any public notification or involvement? If yes, provide documentation.	<input type="checkbox"/>	<input checked="" type="checkbox"/>

5-2. b (15) Indirect/Secondary/Induced Impacts

	YES	NO
Will the project result in indirect/secondary/induced impacts?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
When considered with other past, present, and reasonably foreseeable future projects, on or off airport property and regardless of funding source, would the proposed project result in a significant cumulative impact?	<input type="checkbox"/>	<input checked="" type="checkbox"/>

NEPA requires this to determine if a proposed action would cause any significant cumulative effects. Actions that could cause such impacts include: airside/landside expansion (**new or expanded terminal and hangar facilities**, new or extended runways and taxiways, navigational aids [NAVAIDS], etc.); land acquisition for aviation-related use, new or relocate access roadways, remote parking facilities and rental car lots; significant changes in aircraft operations; and significant amounts of construction activity.

Permits

List any permits required for the proposed project that have not been previously discussed. Provide details on the status of permits.

None known.

Environmental Commitments

List all measures and commitments made to avoid, minimize, mitigate, and compensate for impacts on the environment, which are needed for this project to qualify for a CATEX.

None known.

Preparer Information

Point of Contact: Rob Hodges/ Lana Sumner		
Address: Crawford, Murphy & Tilly, Inc. 550 North Commons Drive, Suite 116		
City: Aurora	State: IL	Zip Code: 60504
Phone: 630.820.1022	Email Address: rhodges@cmtengr.com/lsumner@cmtengr.com	

Signature:  Date: 7/11/2024

Airport Sponsor Information and Certification (may not be delegated to consultant)

Provide contact information for the designated sponsor point of contact and any other individuals requiring notification of the FAA decision.

Point of Contact: Zachary Oakley, A.A.E., ACE, Executive Director		
Address: 60 Airport Drive		
City: Rockford	State: IL	Zip Code: 61109
Phone Number: 815.969.4450	Email Address: zoakley@flyrd.com	
Additional Name(s):	Additional Email Address(es):	

I certify that the information I have provided above is, to the best of my knowledge, correct. I also recognize and agree that no construction activity, including but not limited to site preparation, demolition, or land disturbance, shall proceed for the above proposed project(s) until FAA issues a final environmental decision for the proposed project(s) and until compliance with all other applicable FAA approval actions (e.g., ALP approval, airspace approval, grant approval) has occurred.

Signature:  Date: 7/12/2024

FAA Decision

Having reviewed the above information, it is the FAA’s decision that the proposed project (s) or development warrants environmental processing as indicated below.

Name of Airport, LOC ID, and location:

Chicago-Rockford International Airport, RFD, Rockford, IL

Project Title:

Windcone Relocation

- No further NEPA review required. Project is categorically excluded per (cite applicable 1050.1.F CATEX that applies: 5-6.3(e)
- An Environmental Assessment (EA) is required.
- An Environmental Impact Statement (EIS) is required.
- The following additional documentation is necessary for FAA to perform a complete environmental evaluation of the proposed project.

Name: Craig Pullins

Title: Environmental Protection Specialist

Responsible FAA Official

Signature: CRAIG KENNETH PULLINS

Digitally signed by CRAIG KENNETH PULLINS
Date: 2024.08.22 16:47:02 -05'00'

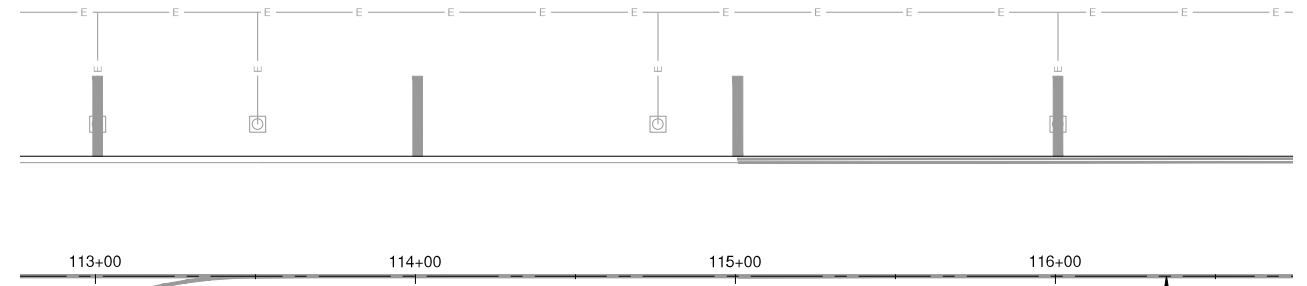
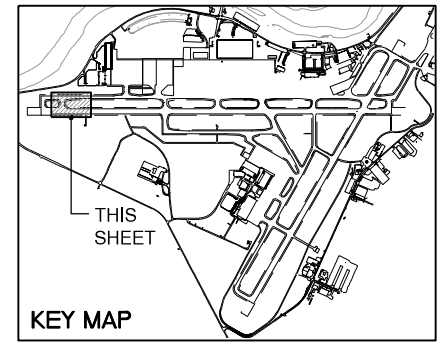
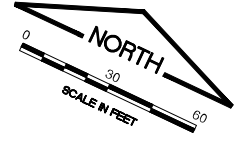
Date: 08/22/2024

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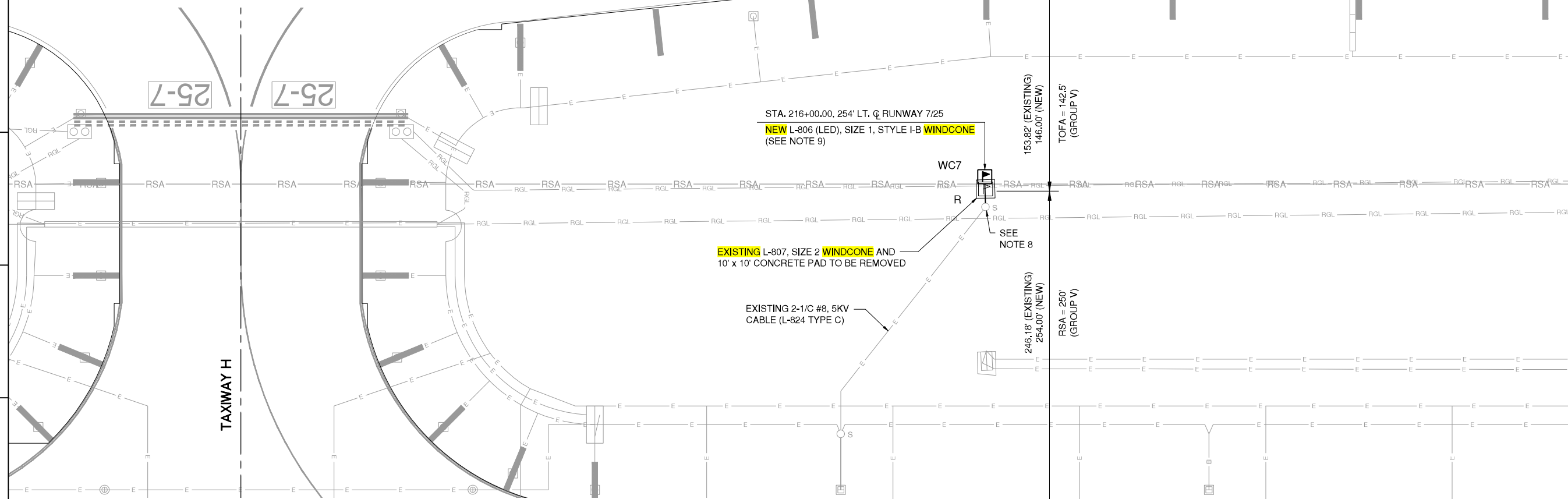
8 7 6 5 4 3 2 1

LEGEND

- NEW / EXISTING ELECTRICAL HANDHOLE
- NEW / EXISTING SIGN
- NEW / EXISTING TAXIWAY EDGE LIGHT
- NEW / EXISTING BASE MOUNTED RUNWAY EDGE LIGHT
- NEW / EXISTING WIND CONE
- NEW / EXISTING SPLICE CAN
- NEW / EXISTING ELEVATED RGL
- NEW / EXISTING CONCRETE ENCASED DUCT
(SEE NOMENCLATURE FOR SIZE AND QUANTITY)
- EXISTING RUNWAY GUARD LIGHT (RGL) CIRCUIT
- EXISTING PAPI CIRCUIT



TAXIWAY F



STA. 216+00.00, 254' LT. Q. RUNWAY 7/25
NEW L-806 (LED), SIZE 1, STYLE I-B WINDCONE
 (SEE NOTE 9)

EXISTING L-807, SIZE 2 WINDCONE AND
 10' x 10' CONCRETE PAD TO BE REMOVED

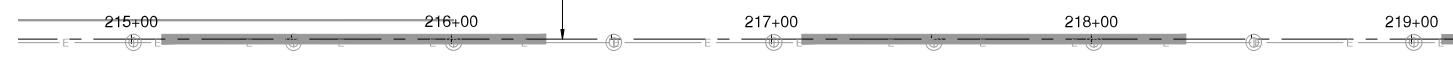
EXISTING 2-1/C #8, 5KV
 CABLE (L-824 TYPE C)

153.82' (EXISTING)
 146.00' (NEW)
 TOFA = 142.5'
 (GROUP V)

246.18' (EXISTING)
 254.00' (NEW)
 RSA = 250'
 (GROUP V)

WC7

SEE NOTE 8



RUNWAY 7-25

NOTES

1. ALL EXISTING TAXIWAY AND RUNWAY AIRFIELD LIGHTING CIRCUITS, FAA CABLES AND OTHER AIRPORT ELECTRICAL CABLES SHALL REMAIN IN SERVICE UNTIL REPLACED AS ACCEPTABLE TO THE RESIDENT ENGINEER AND AIRPORT FOR ALL PHASES. ALL TEMPORARY CABLING AND SPLICING NECESSARY TO KEEP THE CIRCUITS IN OPERATION SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
2. CONTRACTOR SHALL PROVIDE MIN. 5'-0" SLACK FOR ALL PROPOSED WIRING INSTALLED IN HANDHOLE. REFER TO ELECTRICAL DETAILS - 2 SHEET FOR HANDHOLE DETAILS.
3. AT ANY LOCATION WHERE THE PROPOSED DUCT OR CABLE ROUTE CROSSES AN EXISTING UTILITY, THE CONTRACTOR SHALL HAND DIG AND LOCATE THE EXISTING UTILITY PRIOR TO TRENCHING, COST OF LOCATING ALL EXISTING UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT.
4. THE LOCATION OF EXISTING UTILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL OPEN THE ENTIRE TRENCH BETWEEN MANHOLES BEFORE ANY CONDUIT IS LAID TO ASCERTAIN THE EXISTENCE AND POSITION OF ANY OBSTRUCTIONS.
5. CONTRACTOR SHALL COORDINATE THE LOCATION OF THE EXISTING AND PROPOSED UTILITIES PRIOR TO INSTALLATION OF THE PROPOSED UNIT DUCTS, CONDUITS AND DUCT BANKS. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
6. CONTRACTOR SHALL CONNECT EXISTING CABLE TO PROPOSED CABLE IN SIGN/LIGHT/MANHOLE/HANDHOLE. COST OF CONNECTION INCIDENTAL TO CABLE.
7. ALL EXISTING UNUSED AIRFIELD LIGHTING CABLE SHALL BE REMOVED FROM THE EXISTING DUCT. COST SHALL BE INCIDENTAL TO INSTALLATION OF NEW CABLE.
8. CONNECT NEW CIRCUIT TO EXISTING CIRCUIT INSIDE BASE CAN (TO REMAIN).
9. CONTRACTOR SHALL EXTEND NEW 2" GRSC WITH SECONDARY WIRING FROM EXISTING WINDCONE SPLICE CAN (TO REMAIN) TO NEW WINDCONE LOCATION - SEE WINDCONE DETAIL FOR ADDITIONAL INFORMATION.



CHICAGO ROCKFORD
 INTERNATIONAL AIRPORT
 ROCKFORD, ILLINOIS

GREATER ROCKFORD
 AIRPORT AUTHORITY

BID NO: ITB #24-01
 IL. PROJ: RFD-XXXX
 A.I.P. PROJ: 3-17-0088-XXX

APPROVED AS WORKING PLAN
 BY:

REV	DATE	DESCRIPTION

PROJECT NAME:

**RECONSTRUCT
 TAXIWAY F**

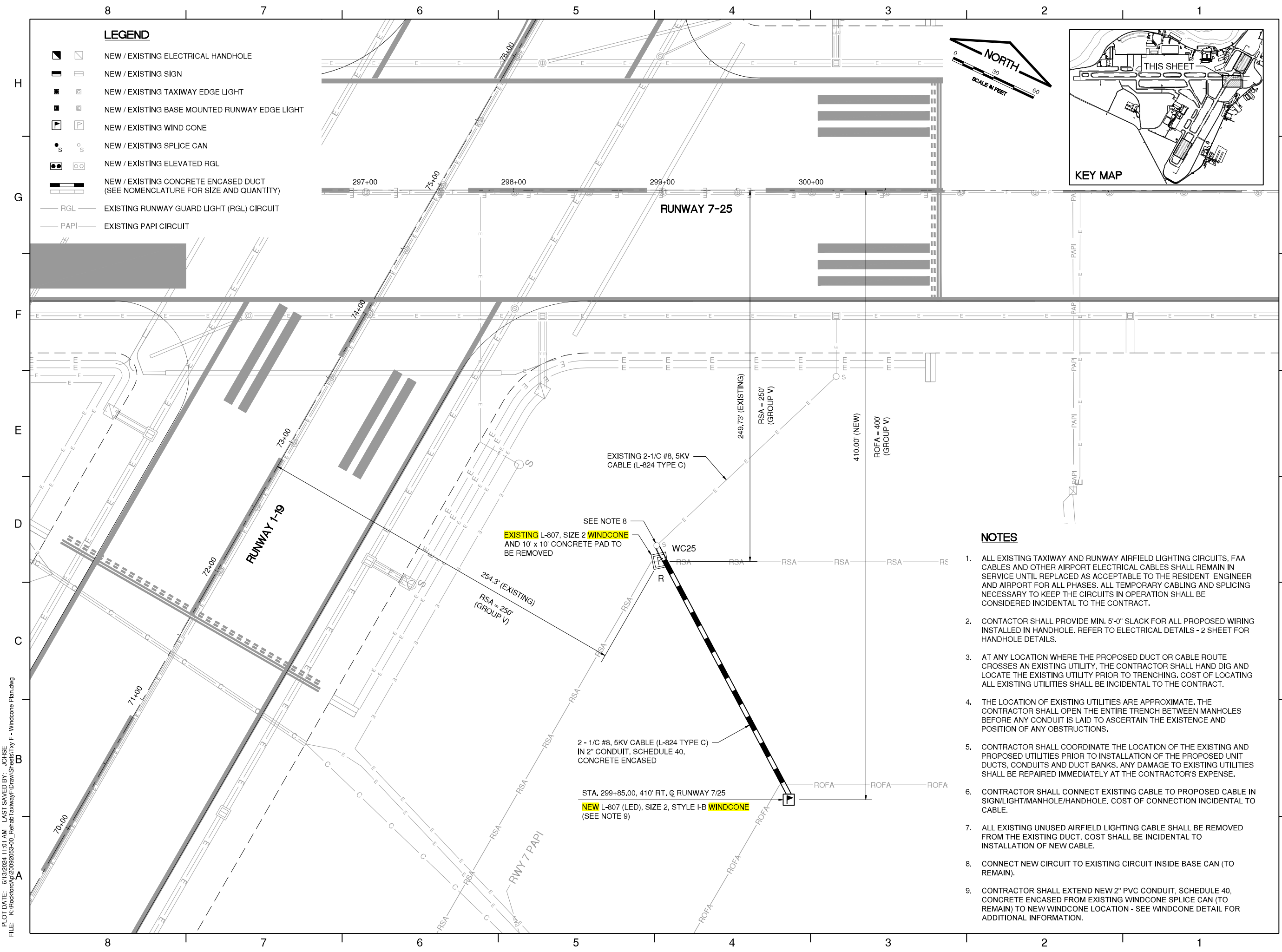
SHEET TITLE:
WINDCONE 7 PLAN

DESIGNED: CMT-ARR DRAWN: JRO CHECKED: DLP

CMT PROJECT NO.: 20092053.00
 SUBMITTAL DATE: 06/21/2024

SHEET NO.
40 OF 52

8 7 6 5 4 3 2 1



CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, ILLINOIS

GREATER ROCKFORD AIRPORT AUTHORITY

BID NO: ITB #24-01
 IL. PROJ: RFD-XXXX
 A.I.P. PROJ: 3-17-0088-XXX

APPROVED AS WORKING PLAN
 BY:

REV	DATE	DESCRIPTION

PROJECT NAME:

RECONSTRUCT TAXIWAY F

WINDCONE 25 PLAN

DESIGNED: CMT-ARR DRAWN: JRO CHECKED: DLP

CMT PROJECT NO.: 20092053.00
 SUBMITTAL DATE: 06/21/2024

PLOT DATE: 6/13/2024 11:01 AM LAST SAVED BY: JOHSE
 FILE: K:\rockford\p20092053-00_Rehab01\Taxiway\Draw\Sheet11xy F - Windcone P1.pln.dwg

NOTES

- ALL EXISTING TAXIWAY AND RUNWAY AIRFIELD LIGHTING CIRCUITS, FAA CABLES AND OTHER AIRPORT ELECTRICAL CABLES SHALL REMAIN IN SERVICE UNTIL REPLACED AS ACCEPTABLE TO THE RESIDENT ENGINEER AND AIRPORT FOR ALL PHASES. ALL TEMPORARY CABLING AND SPLICING NECESSARY TO KEEP THE CIRCUITS IN OPERATION SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
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- CONNECT NEW CIRCUIT TO EXISTING CIRCUIT INSIDE BASE CAN (TO REMAIN).
- CONTRACTOR SHALL EXTEND NEW 2" PVC CONDUIT, SCHEDULE 40, CONCRETE ENCASED FROM EXISTING WINDCONE SPLICE CAN (TO REMAIN) TO NEW WINDCONE LOCATION - SEE WINDCONE DETAIL FOR ADDITIONAL INFORMATION.

EXISTING L-807, SIZE 2 WINDCONE AND 10' x 10' CONCRETE PAD TO BE REMOVED

SEE NOTE 8

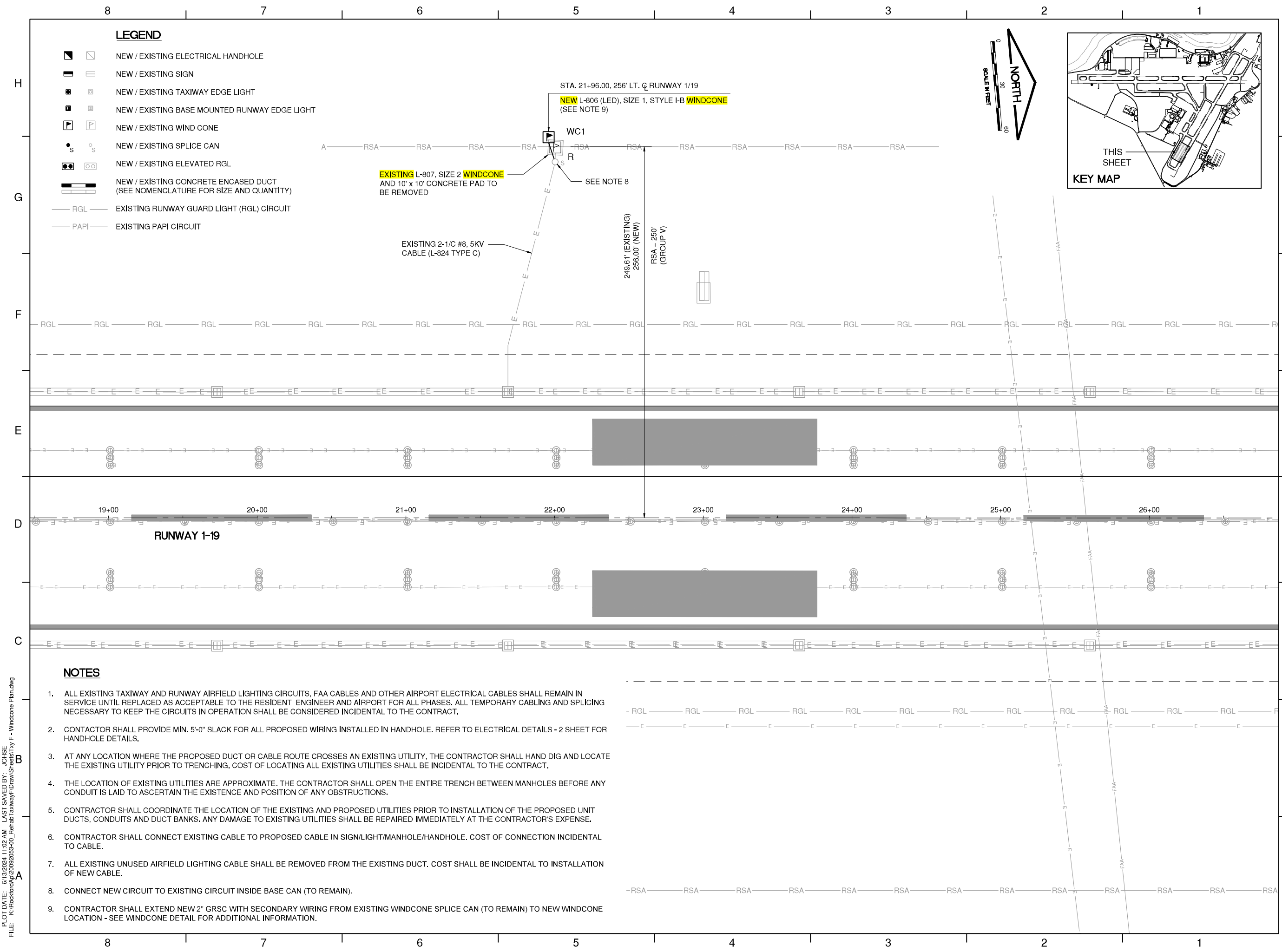
254.3' (EXISTING)
 RSA = 250'
 (GROUP V)

2 - 1/C #8, 5KV CABLE (L-824 TYPE C) IN 2" CONDUIT, SCHEDULE 40, CONCRETE ENCASED

STA. 299+85.00, 410' RT., Q RUNWAY 7/25
 NEW L-807 (LED), SIZE 2, STYLE I-B WINDCONE (SEE NOTE 9)

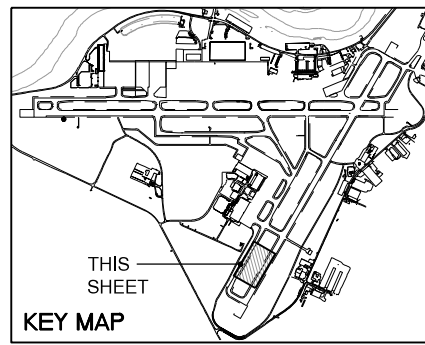
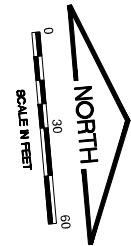
NOTES

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LEGEND

- NEW / EXISTING ELECTRICAL HANDHOLE
- NEW / EXISTING SIGN
- NEW / EXISTING TAXIWAY EDGE LIGHT
- NEW / EXISTING BASE MOUNTED RUNWAY EDGE LIGHT
- NEW / EXISTING WIND CONE
- NEW / EXISTING SPLICE CAN
- NEW / EXISTING ELEVATED RGL
- NEW / EXISTING CONCRETE ENCASED DUCT (SEE NOMENCLATURE FOR SIZE AND QUANTITY)
- EXISTING RUNWAY GUARD LIGHT (RGL) CIRCUIT
- EXISTING PAPI CIRCUIT



CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, ILLINOIS

GREATER ROCKFORD AIRPORT AUTHORITY

BID NO: ITB #24-01
IL. PROJ: RFD-XXXX
A.I.P. PROJ: 3-17-0088-XXX

APPROVED AS WORKING PLAN BY:

REV	DATE	DESCRIPTION

PROJECT NAME:

RECONSTRUCT TAXIWAY F

SHEET TITLE:

WINDCONE 1 PLAN

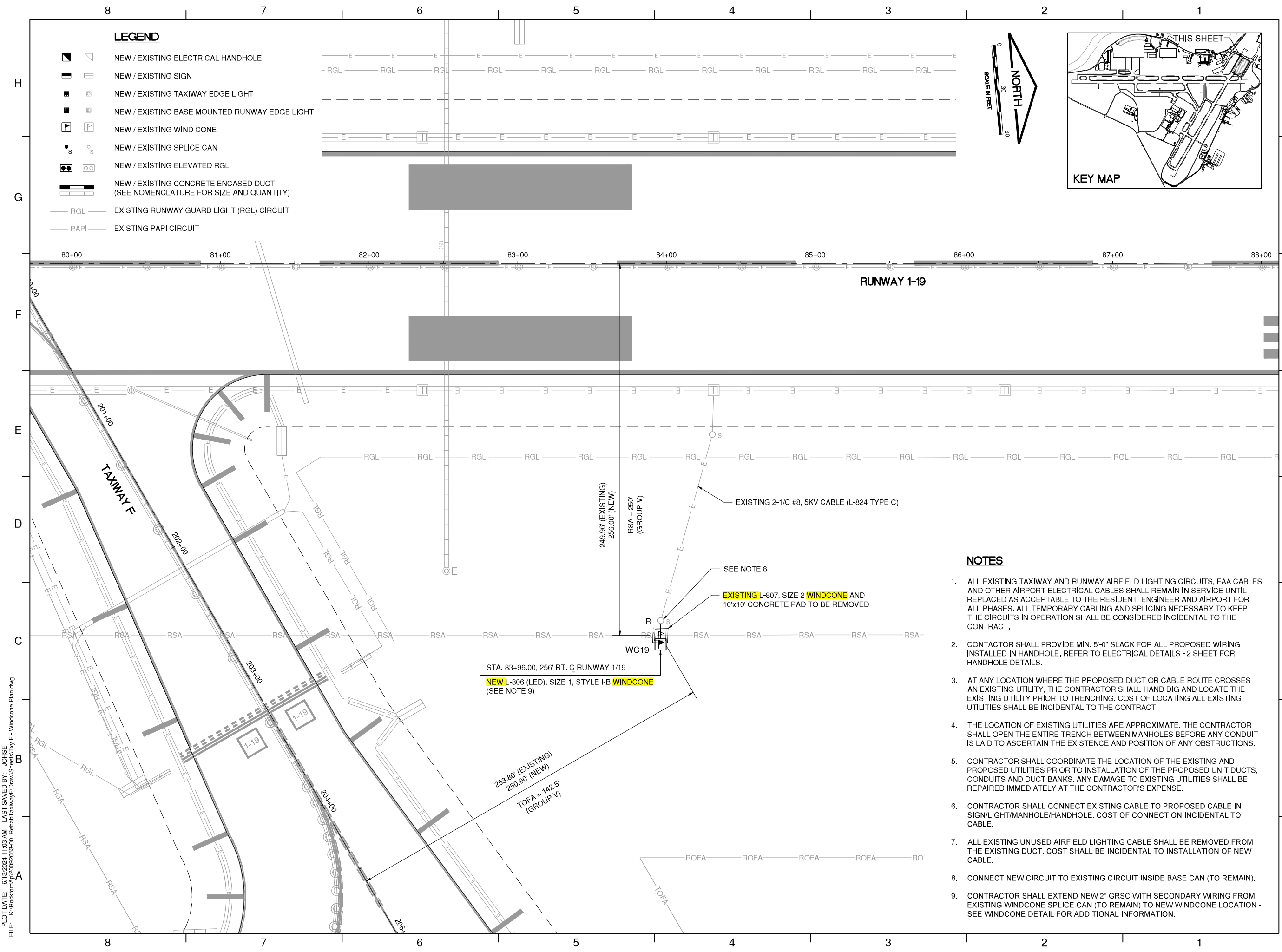
DESIGNED: CMT-ARR DRAWN: JRO CHECKED: DLP

CMT PROJECT NO.: 20092053.00
SUBMITTAL DATE: 06/21/2024

SHEET NO.

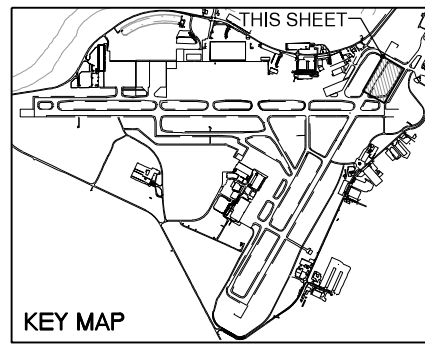
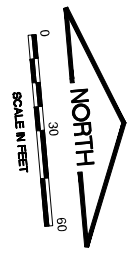
PLOT DATE: 6/13/2024 11:02 AM LAST SAVED BY: JOHSE
 FILE: K:\Rockford\p20092053-00_Rehab\Taxiway\Draw\Sheet11xy F - Windcone Plan.dwg

- NOTES**
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LEGEND

- NEW / EXISTING ELECTRICAL HANDHOLE
- NEW / EXISTING SIGN
- NEW / EXISTING TAXIWAY EDGE LIGHT
- NEW / EXISTING BASE MOUNTED RUNWAY EDGE LIGHT
- NEW / EXISTING WIND CONE
- NEW / EXISTING SPLICE CAN
- NEW / EXISTING ELEVATED RGL
- NEW / EXISTING CONCRETE ENCASED DUCT (SEE NOMENCLATURE FOR SIZE AND QUANTITY)
- EXISTING RUNWAY GUARD LIGHT (RGL) CIRCUIT
- EXISTING PAPI CIRCUIT



CHICAGO ROCKFORD INTERNATIONAL AIRPORT
ROCKFORD, ILLINOIS

CMT
 Crawford, Murphy & Tilly
 Engineers and Consultants
 License No. 184-000613

RUNWAY 1-19

80+00 81+00 82+00 83+00 84+00 85+00 86+00 87+00 88+00

TAXIWAY F

249.96' (EXISTING)
256.00' (NEW)

RSA = 250' (GROUP V)

EXISTING 2-1/C #8, 5KV CABLE (L-824 TYPE C)

SEE NOTE 8

EXISTING L-807, SIZE 2 WINDCONE AND 10'x10' CONCRETE PAD TO BE REMOVED

WC19

STA. 83+96.00, 256' RT, Q RUNWAY 1/19

NEW L-806 (LED), SIZE 1, STYLE I-B WINDCONE (SEE NOTE 9)

253.80' (EXISTING)
250.90' (NEW)

TOFA = 142.5' (GROUP V)

NOTES

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CHICAGO ROCKFORD INTERNATIONAL AIRPORT
 ROCKFORD, ILLINOIS

GREATER ROCKFORD AIRPORT AUTHORITY

BID NO: ITB #24-01
IL. PROJ: RFD-XXXX
A.I.P. PROJ: 3-17-0088-XXX

APPROVED AS WORKING PLAN BY:

REV	DATE	DESCRIPTION

PROJECT NAME:

RECONSTRUCT TAXIWAY F

SHEET TITLE:
WINDCONE 19 PLAN

DESIGNED: CMT-ARR DRAWN: JRO CHECKED: DLP

CMT PROJECT NO.: 20092053.00
 SUBMITTAL DATE: 06/21/2024

SHEET NO. **43** OF **52**

PLOT DATE: 6/13/2024 11:03 AM LAST SAVED BY: JOHSE
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APPROVED AS WORKING PLAN
BY:

REV	DATE	DESCRIPTION

PROJECT NAME:

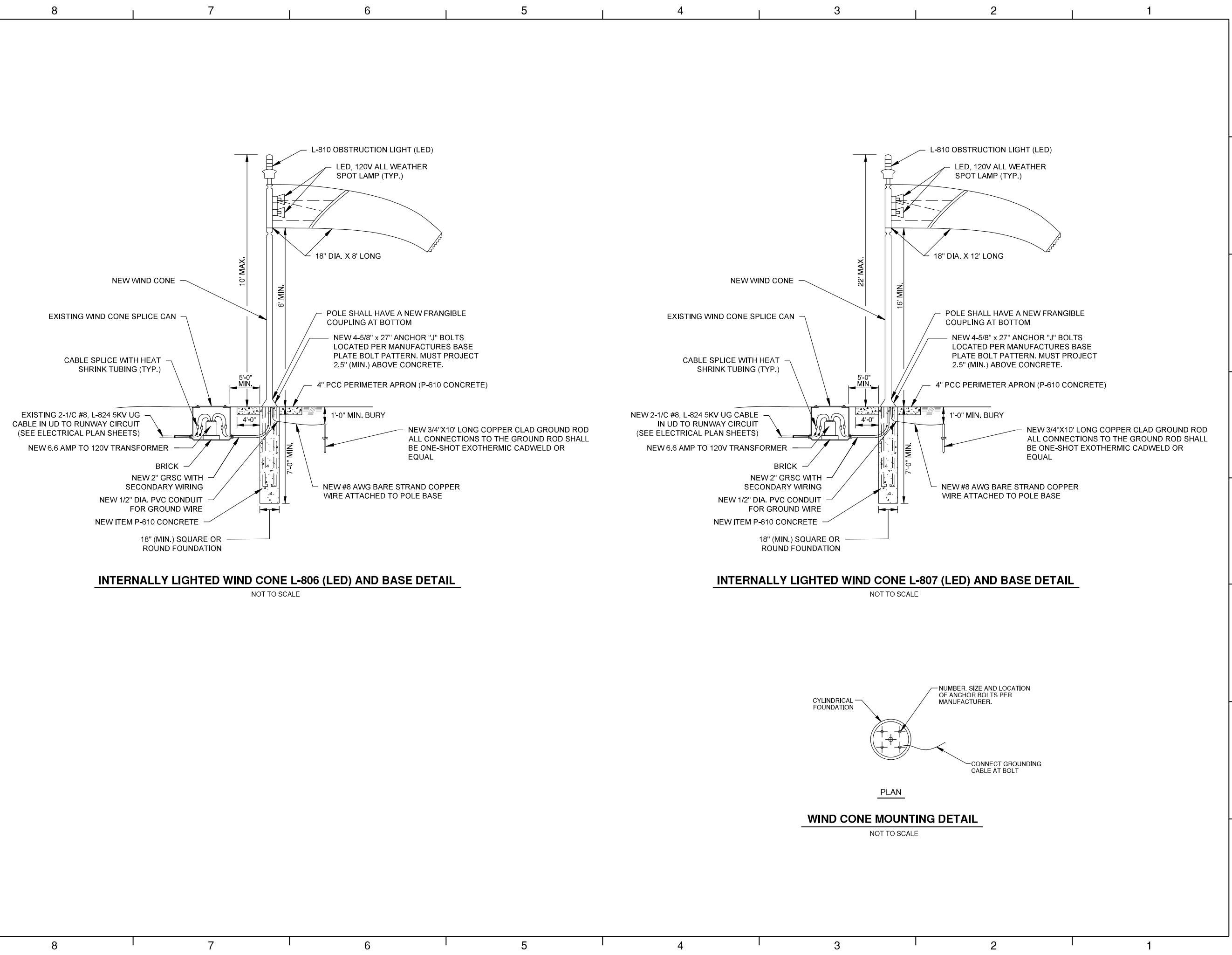
B **RECONSTRUCT TAXIWAY F**

SHEET TITLE:
ELECTRICAL DETAILS - 3

DESIGNED: CMT-RFD DRAWN: CMT-RFD CHECKED: DLP

CMT PROJECT NO.: 20092053.00
SUBMITTAL DATE: 06/21/2024

SHEET NO. **46** OF **52**



PLOT DATE: 6/14/2024 1:46 PM LAST SAVED BY: JOHSE
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United States Department of the Interior



FISH AND WILDLIFE SERVICE
Illinois-Iowa Ecological Services Field Office
Illinois & Iowa Ecological Services Field Office
1511 47th Ave
Moline, IL 61265-7022
Phone: (309) 757-5800 Fax: (309) 757-5807

In Reply Refer To:
Project Code: 2024-0133150
Project Name: RFD Windcone Relocation

08/21/2024 13:36:53 UTC

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The attached species list identifies federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat, if present, within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) **the accuracy of this species list should be verified after 90 days**. This verification can be completed formally or informally. You may verify the list by visiting the ECOSPHERE Information for Planning and Consultation (IPaC) website <https://ipac.ecosphere.fws.gov> at regular intervals during project planning and implementation and completing the same process you used to receive the attached list.

Section 7 Consultation

Section 7 of the Endangered Species Act of 1973 requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representative) must consult with the U.S. Fish and Wildlife Service (Service) if they determine their project "may affect" listed species or designated critical habitat. Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action may affect endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service to make "no effect" determinations. If you determine that your proposed action will have no effect on threatened or endangered species or their respective designated critical habitat, you do not need to seek concurrence with the Service.

Note: For some species or projects, IPaC will present you with *Determination Keys*. You may be able to use one or

more Determination Keys to conclude consultation on your action.

Technical Assistance for Listed Species

1. For assistance in determining if suitable habitat for listed, candidate, or proposed species occurs within your project area or if species may be affected by project activities, you can obtain information on the species life history, species status, current range, and other documents by selecting the species from the thumbnails or list view and visiting the species profile page.

No Effect Determinations for Listed Species

1. If there are *no* species or designated critical habitats on the Endangered Species portion of the species list: conclude "no species and no critical habitat present" and document your finding in your project records. No consultation under ESA section 7(a)(2) is required if the action would result in no effects to listed species or critical habitat. Maintain a copy of this letter and IPaC official species list for your records.
2. If any species or designated critical habitat are listed as potentially present in the **action area** of the proposed project the project proponents are responsible for determining if the proposed action will have "no effect" on any federally listed species or critical habitat. No effect, with respect to species, means that no individuals of a species will be exposed to any consequence of a federal action or that they will not respond to such exposure.
3. If the species habitat is not present within the action area or current data (surveys) for the species in the action area are negative: conclude "no species habitat or species present" and document your finding in your project records. For example, if the project area is located entirely within a "developed area" (an area that is already graveled/paved or supports structures and the only vegetation is limited to frequently mowed grass or conventional landscaping, is located within an existing maintained facility yard, or is in cultivated cropland conclude no species habitat present. Be careful when assessing actions that affect: 1) rights-of-ways that contains natural or semi-natural vegetation despite periodic mowing or other management; structures that have been known to support listed species (example: bridges), and 2) surface water or groundwater. Several species inhabit rights-of-ways, and you should carefully consider effects to surface water or groundwater, which often extend outside of a project's immediate footprint.
4. Adequacy of Information & Surveys - Agencies may base their determinations on the best evidence that is available or can be developed during consultation. Agencies must give the benefit of any doubt to the species when there are any inadequacies in the information. Inadequacies may include uncertainty in any step of the analysis. To provide adequate information on which to base a determination, it may be appropriate to conduct surveys to determine whether listed species or their habitats are present in the action area. Please contact our office for more information or see the survey guidelines that the Service has made available in IPaC.

May Effect Determinations for Listed Species

1. If the species habitat is present within the action area and survey data is unavailable or inconclusive: assume the species is present or plan and implement surveys and interpret results in coordination with our office. If assuming species present or surveys for the species are positive continue with the may affect determination process. May affect, with respect to a species, is the appropriate conclusion when a species might be exposed to a consequence of a federal action and could respond to that exposure. For critical habitat, 'may affect' is the appropriate conclusion if the action area overlaps with mapped areas of critical habitat and an essential physical or biological feature may be exposed to a consequence of a federal action and could change in response to that exposure.
2. Identify stressors or effects to the species and to the essential physical and biological features of critical habitat that overlaps with the action area. Consider all consequences of the action and assess the potential for each life stage of the species that occurs in the action area to be exposed to the stressors. Deconstruct the action into its component parts to be sure that you do not miss any part of the action that could cause effects to the species or physical and biological features of critical habitat. Stressors that affect species' resources may have consequences even if the species is not present when the project is implemented.
3. If no listed or proposed species will be exposed to stressors caused by the action, a 'no effect' determination may be appropriate – be sure to separately assess effects to critical habitat, if any overlaps with the action

area. If you determined that the proposed action or other activities that are caused by the proposed action may affect a species or critical habitat, the next step is to describe the manner in which they will respond or be altered. Specifically, to assess whether the species/critical habitat is "not likely to be adversely affected" or "likely to be adversely affected."

4. Determine how the habitat or the resource will respond to the proposed action (for example, changes in habitat quality, quantity, availability, or distribution), and assess how the species is expected to respond to the effects to its habitat or other resources. Critical habitat analyses focus on how the proposed action will affect the physical and biological features of the critical habitat in the action area. If there will be only beneficial effects or the effects of the action are expected to be insignificant or discountable, conclude "may affect, not likely to adversely affect" and submit your finding and supporting rationale to our office and request concurrence.
5. If you cannot conclude that the effects of the action will be wholly beneficial, insignificant, or discountable, check IPaC for species-specific Section 7 guidance and conservation measures to determine whether there are any measures that may be implemented to avoid or minimize the negative effects. If you modify your proposed action to include conservation measures, assess how inclusion of those measures will likely change the effects of the action. If you cannot conclude that the effects of the action will be wholly beneficial, insignificant, or discountable, contact our office for assistance.
6. Letters with requests for consultation or correspondence about your project should include the Consultation Tracking Number in the header. Electronic submission is preferred.

For additional information on completing Section 7 Consultation including a Glossary of Terms used in the Section 7 Process, information requirements for completing Section 7, and example letters visit the Midwest Region Section 7 Consultations website at: <https://www.fws.gov/office/midwest-region-headquarters/midwest-section-7-technical-assistance>.

You may find more specific information on completing Section 7 on communication towers and transmission lines on the following websites:

- Incidental Take Beneficial Practices: Power Lines - <https://www.fws.gov/story/incidental-take-beneficial-practices-power-lines>
- Recommended Best Practices for Communication Tower Design, Siting, Construction, Operation, Maintenance, and Decommissioning. - <https://www.fws.gov/media/recommended-best-practices-communication-tower-design-siting-construction-operation>

Tricolored Bat Update

On September 14, 2022, the Service published a proposal in the Federal Register to list the tricolored bat (*Perimyotis subflavus*) as endangered under the Endangered Species Act (ESA). The Service has up to 12-months from the date the proposal published to make a final determination, either to list the tricolored bat under the Act or to withdraw the proposal. The Service determined the bat faces extinction primarily due to the rangewide impacts of white-nose syndrome (WNS), a deadly fungal disease affecting cave-dwelling bats across North America. Because tricolored bat populations have been greatly reduced due to WNS, surviving bat populations are now more vulnerable to other stressors such as human disturbance and habitat loss. Species proposed for listing are not afforded protection under the ESA; however, as soon as a listing becomes effective (typically 30 days after publication of the final rule in the Federal Register), the prohibitions against jeopardizing its continued existence and "take" will apply. Therefore, if your future or existing project has the potential to adversely affect tricolored bats after the potential new listing goes into effect, we recommend that the effects of the project on tricolored bat and their habitat be analyzed to determine whether authorization under ESA section 7 or 10 is necessary. Projects with an existing section 7 biological opinion may require

reinitiation of consultation, and projects with an existing section 10 incidental take permit may require an amendment to provide uninterrupted authorization for covered activities. Contact our office for assistance.

Other Trust Resources and Activities

Bald and Golden Eagles

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act and Migratory Bird Treaty Act, as are golden eagles. Projects affecting these species may require measures to avoid harming eagles or may require a permit. If your project is near an eagle nest or winter roost area, please contact our office for further coordination. For more information on permits and other eagle information visit our website <https://www.fws.gov/library/collections/bald-and-golden-eagle-management>. We appreciate your concern for threatened and endangered species. Please feel free to contact our office with questions or for additional information.

Attachment(s):

- Official Species List
- USFWS National Wildlife Refuges and Fish Hatcheries
- Bald & Golden Eagles
- Migratory Birds
- Wetlands

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Illinois-Iowa Ecological Services Field Office

Illinois & Iowa Ecological Services Field Office

1511 47th Ave

Moline, IL 61265-7022

(309) 757-5800

PROJECT SUMMARY

Project Code: 2024-0133150
Project Name: RFD Windcone Relocation
Project Type: Airport - Maintenance/Modification
Project Description: The proposed project would remove and relocate four windcones, per FAA's inspection on March 20, 2024. The FAA inspection identified that the windcones are currently within the runway safety area (RSA) and not supported by frangible couplings. According to the FAA's Compliance Letter dated April 1, 2024, "no objects should be in any safety area unless necessary for their function, and such objects must be constructed on frangible structures of the lowest practical height, with the frangible point no higher than three inches above grade." Therefore, the project would remove the existing windcones and reposition them outside of the RSA and ensure they are supported by frangible couplings. Three of the windcones would be L-806 supplemental windcones, placed outside the Runway Safety Area (RSA) but within the Runway Object Free Area (ROFA), and one would be an L-807 primary windcone, positioned outside the ROFA.

Estimated start date: September 1, 2024, Estimated completion date: October 15, 2024.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@42.1949094,-89.10818493072591,14z>



Counties: Winnebago County, Illinois

ENDANGERED SPECIES ACT SPECIES

There is a total of 9 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered

BIRDS

NAME	STATUS
Whooping Crane <i>Grus americana</i> Population: U.S.A. (AL, AR, CO, FL, GA, ID, IL, IN, IA, KY, LA, MI, MN, MS, MO, NC, NM, OH, SC, TN, UT, VA, WI, WV, western half of WY) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/758	Experimental Population, Non- Essential

INSECTS

NAME	STATUS
Hine's Emerald Dragonfly <i>Somatochlora hineana</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/7877	Endangered
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate
Rusty Patched Bumble Bee <i>Bombus affinis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9383	Endangered
Western Regal Fritillary <i>Argynnis idalia occidentalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/12017	Proposed Threatened

FLOWERING PLANTS

NAME	STATUS
Eastern Prairie Fringed Orchid <i>Platanthera leucophaea</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/601	Threatened
Prairie Bush-clover <i>Lespedeza leptostachya</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4458	Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

BALD & GOLDEN EAGLES

Bald and golden eagles are protected under the Bald and Golden Eagle Protection Act¹ and the Migratory Bird Treaty Act².

Any person or organization who plans or conducts activities that may result in impacts to bald or golden eagles, or their habitats³, should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "[Supplemental Information on Migratory Birds and Eagles](#)".

-
1. The [Bald and Golden Eagle Protection Act](#) of 1940.
 2. The [Migratory Birds Treaty Act](#) of 1918.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

There are likely bald eagles present in your project area. For additional information on bald eagles, refer to [Bald Eagle Nesting and Sensitivity to Human Activity](#)

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the PROBABILITY OF PRESENCE SUMMARY below to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Oct 15 to Aug 31

PROBABILITY OF PRESENCE SUMMARY

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read "[Supplemental Information on Migratory Birds and Eagles](#)", specifically the FAQ section titled "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Green bars; the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during that week of the year.

Breeding Season (■)

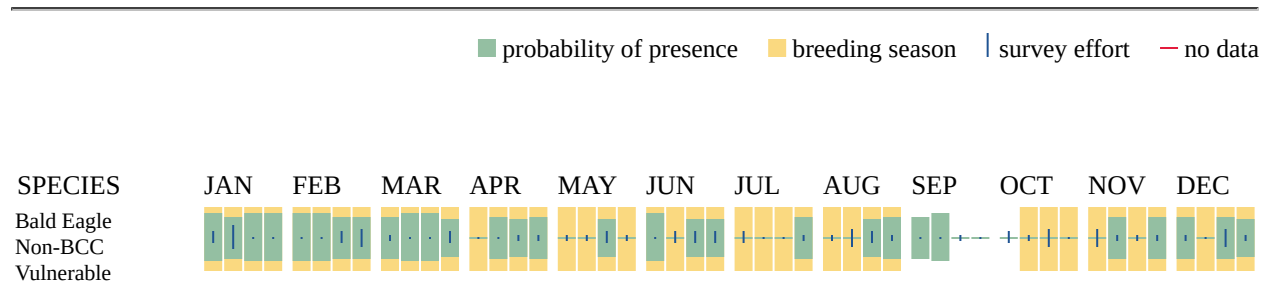
Yellow bars; liberal estimate of the timeframe inside which the bird breeds across its entire range.

Survey Effort (|)

Vertical black lines; the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps.

No Data (-)

A week is marked as having no data if there were no survey events for that week.



Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats³ should follow appropriate regulations and consider implementing appropriate conservation measures, as described in the links below. Specifically, please review the "[Supplemental Information on Migratory Birds and Eagles](#)".

1. The [Migratory Birds Treaty Act](#) of 1918.
2. The [Bald and Golden Eagle Protection Act](#) of 1940.
3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, see the PROBABILITY OF PRESENCE SUMMARY below to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
American Golden-plover <i>Pluvialis dominica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/10561	Breeds elsewhere
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1626	Breeds Oct 15 to Aug 31
Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9399	Breeds May 15 to Oct 10
Bobolink <i>Dolichonyx oryzivorus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9454	Breeds May 20 to Jul 31
Chimney Swift <i>Chaetura pelagica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9406	Breeds Mar 15 to Aug 25

NAME	BREEDING SEASON
<p>Grasshopper Sparrow <i>Ammodramus savannarum perpallidus</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8329</p>	Breeds Jun 1 to Aug 20
<p>Henslow's Sparrow <i>Centronyx henslowii</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/3941</p>	Breeds May 1 to Aug 31
<p>Lesser Yellowlegs <i>Tringa flavipes</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9679</p>	Breeds elsewhere
<p>Pectoral Sandpiper <i>Calidris melanotos</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9561</p>	Breeds elsewhere
<p>Prairie Loggerhead Shrike <i>Lanius ludovicianus excubitorides</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8833</p>	Breeds Feb 1 to Jul 31
<p>Prothonotary Warbler <i>Protonotaria citrea</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9439</p>	Breeds Apr 1 to Jul 31
<p>Red-headed Woodpecker <i>Melanerpes erythrocephalus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9398</p>	Breeds May 10 to Sep 10
<p>Semipalmated Sandpiper <i>Calidris pusilla</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9603</p>	Breeds elsewhere
<p>Upland Sandpiper <i>Bartramia longicauda</i> This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/9294</p>	Breeds May 1 to Aug 31
<p>Wood Thrush <i>Hylocichla mustelina</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9431</p>	Breeds May 10 to Aug 31



Additional information can be found using the following links:

- Eagle Management <https://www.fws.gov/program/eagle-management>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>
- Supplemental Information for Migratory Birds and Eagles in IPaC <https://www.fws.gov/media/supplemental-information-migratory-birds-and-bald-and-golden-eagles-may-occur-project-action>

WETLANDS

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: Crawford, Murphy and Tilly
Name: Patrick Riley
Address: 550 N Commons Dr. Suite 116
City: Aurora
State: IL
Zip: 60504
Email: priley@cmtengr.com
Phone: 6309077047

You have indicated that your project falls under or receives funding through the following special project authorities:

- BIPARTISAN INFRASTRUCTURE LAW (BIL) (OTHER)

Applicant: Crawford, Murphy & Tilly, Inc. - Aurora
Contact: ROBERT HODGES
Address: 550 North Commons Drive
Suite 116
Aurora, IL 60504

IDNR Project Number: 2417020
Date: 06/21/2024

Project: RFD Windcone Relocation
Address: 2 Airport Cir, ROCKFORD

Description: The FAA inspected the Airport on March 20, 2024 and found that all four (4) wind cones are within the runway safety area (RSA), located at 25 feet from the runway centerline, and they are not supported by frangible couplings. Per the FAA's Compliance Letter dated April 1, 2024, it was stated that "No objects may be located in any safety area, except for objects that need to be located in a safety area because of their function. These objects must be constructed, to the extent practical, on frangibly (sp) mounted structures of the lowest practical height, with the frangible point no higher than 3 inches above grade." Therefore, the proposed scope will include removing the 4 wind cones and relocating each to a new location, as approved by the FAA, outside of the RSA. Further, each wind cone will be supported by frangible couplings. It was further agreed to by FAA that three of the wind cones will be L-806 supplemental wind cones (located outside the RSA but within the RSA), and one will be an L-807 primary wind cone (located outside the Runway Object Free Area – ROFA).

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:

Bell Bowl Prairie INAI Site
Johns Mound Group INAI Site
Kishwaukee River INAI Site
Rock River Rockford Segment INAI Site
Johns Mound Group Land And Water Reserve
Black-Billed Cuckoo (*Coccyzus erythrophthalmus*)
Gravel Chub (*Erimystax x-punctatus*)
Gravel Chub (*Erimystax x-punctatus*)
Rusty Patched Bumble Bee (*Bombus affinis*)

Wetland Review (Part 1090)

The Illinois Wetlands Inventory does not show wetlands within 250 feet of the project location.

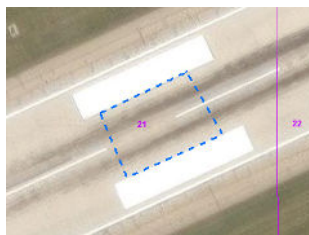
An IDNR staff member will evaluate this information and contact you to request additional information or to terminate consultation if adverse effects are unlikely.

Location

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

County: Winnebago

Township, Range, Section:
43N, 1E, 21



IL Department of Natural Resources
Contact
Adam Rawe
217-785-5500
Division of Ecosystems & Environment

Government Jurisdiction
IL Environmental Protection Agency
WPC/PS
1021 NORTH GRAND AVE
SPRINGFIELD, Illinois 62794 -9276

Disclaimer

The Illinois Natural Heritage Database cannot provide a conclusive statement on the presence, absence, or condition of natural resources in Illinois. This review reflects the information existing in the Database at the time of this inquiry, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, compliance with applicable statutes and regulations is required.

Terms of Use

By using this website, you acknowledge that you have read and agree to these terms. These terms may be revised by IDNR as necessary. If you continue to use the EcoCAT application after we post changes to these terms, it will mean that you accept such changes. If at any time you do not accept the Terms of Use, you may not continue to use the website.

1. The IDNR EcoCAT website was developed so that units of local government, state agencies and the public could request information or begin natural resource consultations on-line for the Illinois Endangered Species Protection Act, Illinois Natural Areas Preservation Act, and Illinois Interagency Wetland Policy Act. EcoCAT uses databases, Geographic Information System mapping, and a set of programmed decision rules to determine if proposed actions are in the vicinity of protected natural resources. By indicating your agreement to the Terms of Use for this application, you warrant that you will not use this web site for any other purpose.
2. Unauthorized attempts to upload, download, or change information on this website are strictly prohibited and may be punishable under the Computer Fraud and Abuse Act of 1986 and/or the National Information Infrastructure Protection Act.
3. IDNR reserves the right to enhance, modify, alter, or suspend the website at any time without notice, or to terminate or restrict access.

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EcoCAT operates on a state of Illinois computer system. We may use software to monitor traffic and to identify unauthorized attempts to upload, download, or change information, to cause harm or otherwise to damage this site. Unauthorized attempts to upload, download, or change information on this server is strictly prohibited by law.

Unauthorized use, tampering with or modification of this system, including supporting hardware or software, may subject the violator to criminal and civil penalties. In the event of unauthorized intrusion, all relevant information regarding possible violation of law may be provided to law enforcement officials.

Privacy

EcoCAT generates a public record subject to disclosure under the Freedom of Information Act. Otherwise, IDNR uses the information submitted to EcoCAT solely for internal tracking purposes.



Illinois Department of Natural Resources

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

JB Pritzker, Governor

Natalie Phelps Finnie, Director

June 21, 2024

ROBERT HODGES

Crawford, Murphy & Tilly, Inc. - Aurora
550 North Commons Drive
Suite 116
Aurora, IL 60504

RE: RFD Windcone Relocation
Project Number(s): 2417020
County: Winnebago

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 and 1090 is terminated.

Consultation for Part 1075 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. Consultation for Part 1090 (Interagency Wetland Policy Act) is valid for three years.

The natural resource review reflects the information existing in the Illinois Natural Heritage Database and the Illinois Wetlands Inventory at the time of the project submittal, and should not be regarded as a final statement on the site being considered, nor should it be a substitute for detailed site surveys or field surveys required for environmental assessments. If additional protected resources are encountered during the project's implementation, you must comply with the applicable statutes and regulations. Also, note that termination does not imply IDNR's authorization or endorsement of the proposed action.

Please contact me if you have questions regarding this review.




Adam Rawe
Division of Ecosystems and Environment
217-785-5500

RFD Rusty Patch Bumblebee Map

Legend



RPBB_HPZModel_Update

-  High Potential Zones (where presence should be presumed for ESA Section 7 purposes) 04/02/2024
-  Low Potential Zones (identified for scientific recovery permits and additional conservation efforts) 04/02/2024
-  Uncertainty Zone 04/02/2024

USA States (Generalized)

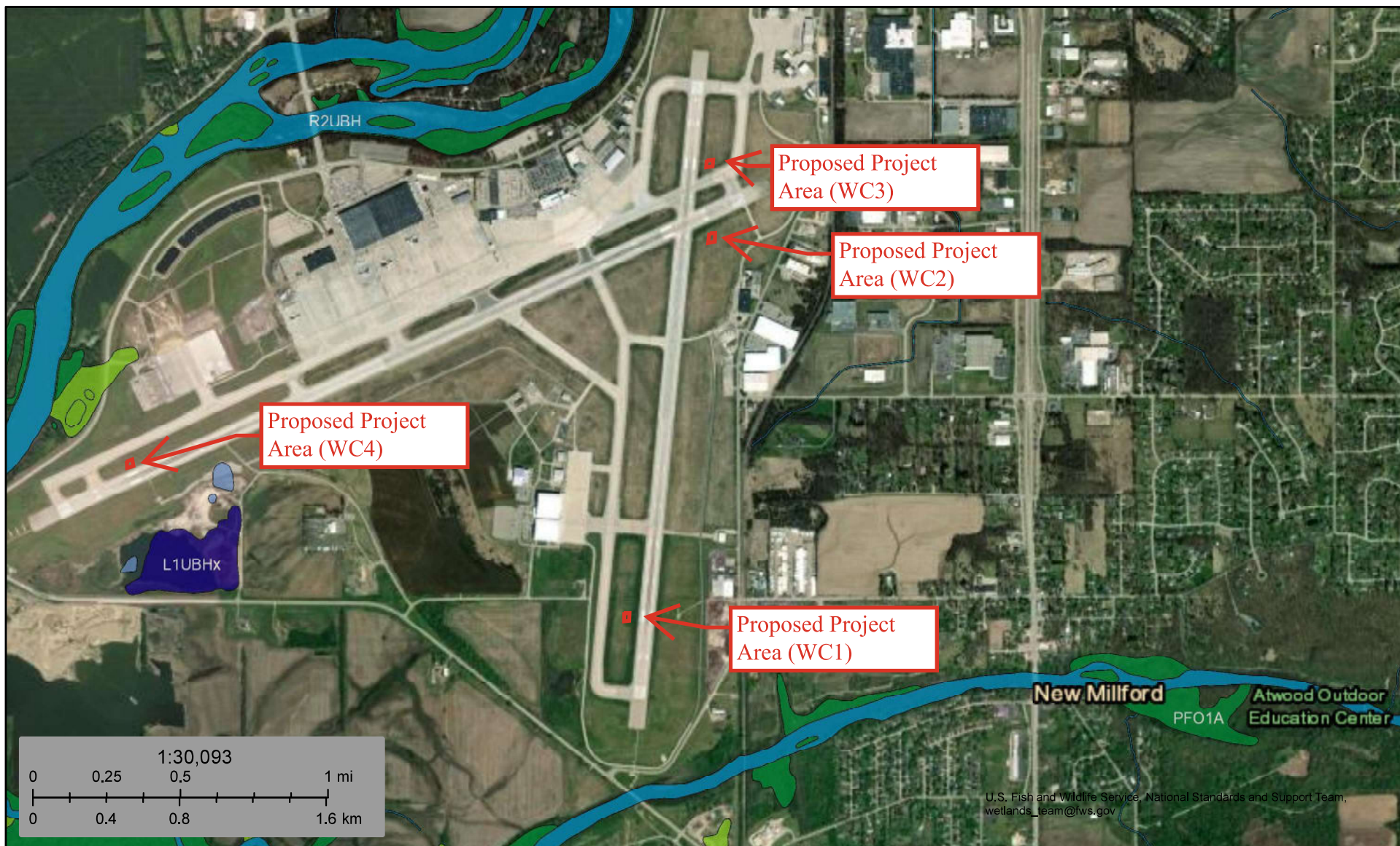


Proposed Project Area (WC4)

Proposed Project Area (WC3)

Proposed Project Area (WC2)

Proposed Project Area (WC1)



U.S. Fish and Wildlife Service, National Standards and Support Team,
wetlands_team@fws.gov

July 5, 2024

Wetlands

- | | | |
|--------------------------------|-----------------------------------|----------|
| Estuarine and Marine Deepwater | Freshwater Emergent Wetland | Lake |
| Estuarine and Marine Wetland | Freshwater Forested/Shrub Wetland | Other |
| | Freshwater Pond | Riverine |

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

National Flood Hazard Layer FIRMMette



89°5'50"W 42°11'25"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
OTHER FEATURES		Levee, Dike, or Floodwall
		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
OTHER FEATURES		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
OTHER FEATURES		Limit of Study
		Jurisdiction Boundary
OTHER FEATURES		Coastal Transect Baseline
		Profile Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
MAP PANELS		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.



This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/5/2024 at 4:14 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



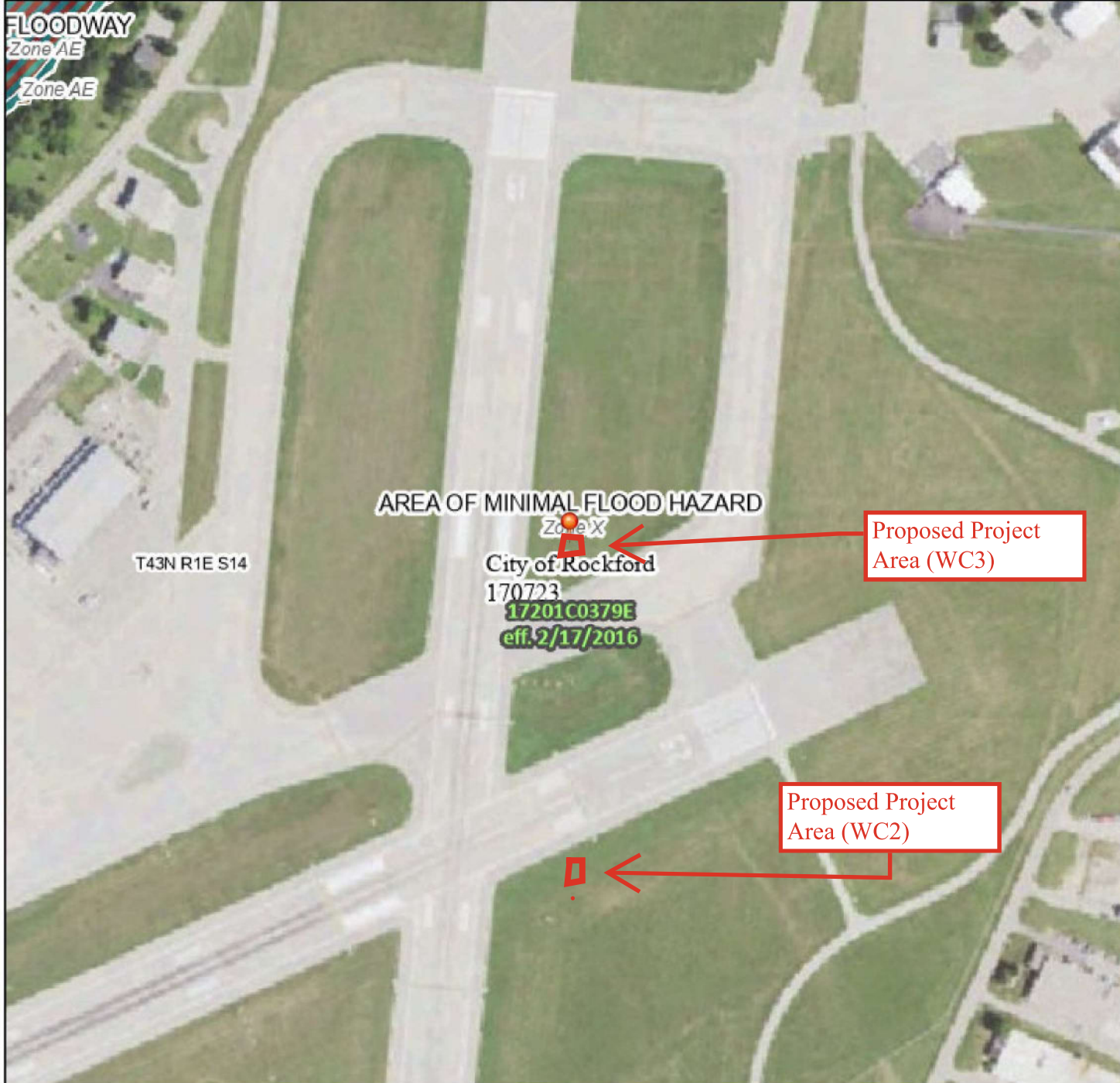
1:6,000

89°5'12"W 42°10'59"N

National Flood Hazard Layer FIRMMette



89°5'36"W 42°12'23"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
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GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
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		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped

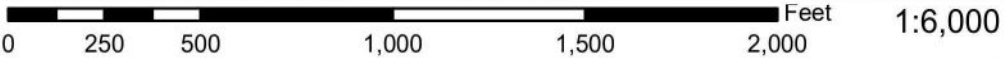


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Basemap Imagery Source: USGS National Map 2023

National Flood Hazard Layer FIRMMette



89°7'19"W 42°11'46"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
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GENERAL STRUCTURES		Area of Undetermined Flood Hazard Zone D
		Channel, Culvert, or Storm Sewer
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OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
		Digital Data Available
		No Digital Data Available
		Unmapped
		The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/5/2024 at 4:15 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



1:6,000

89°6'41"W 42°11'19"N

Basemap Imagery Source: USGS National Map 2023