

Technical Memorandum

To: Crowned Ridge Wind II, LLC
From: SWCA Environmental Consultants
Date: February 11, 2019
Re: **Crowned Ridge II Raptor Nest Aerial Surveys / SWCA Project No. 44512**

INTRODUCTION

Crowned Ridge Wind II, LLC, an indirect, wholly owned indirect subsidiary of NextEra Energy Resources, LLC (NEER), plans to develop an approximately 300-megawatt wind facility known as the Crowned Ridge II Wind Energy Facility (the project) in Deuel, Grant, and Codington Counties, South Dakota (see project boundary, Figure 1). SWCA Environmental Consultants (SWCA) completed raptor nest aerial surveys for the project during 2017 and 2018. At the time of the 2017 survey, the study area included approximately 122,046 acres (49,390 hectares [ha]) (Figure 1). At the time of the 2018 survey, the study area encompassed approximately 57,573 acres (23,299 hectares) (Figure 2).

SWCA performed two raptor nest aerial surveys in 2017 and one in 2018 to identify nesting raptors and to provide NEER spatial and species information for use during its turbine siting process to minimize the potential for impacts during construction and operation. SWCA completed surveys on April 5 and 6, 2017, June 8 and 9, 2017, and April 25 and 26, and May 3, 2018. All raptor nests were surveyed within the study areas and a 2-mile (3.2-kilometer) buffer. The study areas plus a 10-mile (16-kilometer) buffer were surveyed to search specifically for eagle nests. SWCA used fixed-wing aerial survey methods following recommendations contained in the U.S. Fish and Wildlife Service Land-Based Wind Energy Guidelines¹ and Eagle Conservation Plan Guidance.²

METHODS

Two avian biologists and an experienced wildlife survey pilot conducted the raptor nest aerial surveys in a Cessna 172. The first nest survey in 2017 was conducted April 5 and 6 just prior to leaf-out to provide the best opportunity for nest detection. The second 2017 nest survey was conducted on June 8 and 9 (near most eagle and other large raptor fledge dates) to determine activity and productivity, if possible, of previously identified nests. Nest surveys in 2018 were completed April 25 and 26, and May 3 to better determine status during a single survey period and avoid dense canopy closures encountered during June 2017 productivity and status surveys. SWCA documented all raptor nests identified within the study area and associated 2-mile (3.2 km) buffer and all eagle nests identified within the study area and associated 10-mile (16 km) buffer. The study area and 2-mile (3.2 km) buffer survey were conducted by

¹ U.S. Fish and Wildlife Service. 2012. *Land-Based Wind Energy Guidelines*. Wind Turbine Guidelines Advisory Committee. Washington, D.C.: U.S. Department of the Interior, U.S. Fish and Wildlife Service.

² U.S. Fish and Wildlife Service. 2013. *Eagle Conservation Plan Guidance, Module 1 – Land-Based Wind Energy, Version 2*. Washington, D.C.: U.S. Department of the Interior, U.S. Fish and Wildlife Service, Division of Migratory Bird Management.

flying pre-established linear north–south transects at 0.5-mile (800-meter) intervals at an altitude of 300 to 700 feet (91–213 meters) above ground level, depending on terrain and flight safety issues. Transects within the 2-mile buffer were pre-established in ArcGIS software and loaded in a global positioning system (GPS) unit for guidance during the survey. The study area and 10-mile (16 km) buffer survey were conducted by flying roaming, east–west transects at 1.0- to 3.5-mile (1.6–5.6-kilometer) intervals across the entire survey area at an altitude of 300 to 700 feet above ground level, with a focus on suitable eagle nesting habitat (Figures 3 and 4).

SWCA identified suitable eagle nesting habitat during a preliminary ArcGIS software desktop analysis to guide the nest survey. Additional areas of suitable eagle nesting habitat identified during the aerial nest survey also were investigated for presence of eagle nests. Characteristics of suitable eagle nesting habitat include wooded riparian corridors, utility structures, and stands of large trees capable of supporting an eagle nest. Potential nest locations detected within the 2-mile and 10-mile buffers were observed until raptor nest status (nest/no nest, active/inactive, etc.) could be confirmed.

DATA ANALYSIS

Data recorded at each raptor nest location included nest substrate, condition (i.e., good, fair, or poor), and status (i.e., occupied or unoccupied); raptor species using occupied nests; number of adults, eggs, and/or nestlings, if observed; behavior (e.g., incubating, perched at nest, flying nearby); and GPS location. A summary of all nests detected is presented in the section below. All eagle nest data recorded during the aerial nest surveys are presented in Attachments 1 and 2. See Figure 5 for detected raptor nest locations in the 2-mile buffer during each survey year, and Figure 6 for eagle nest locations detected in the 10-mile buffer during each survey year.

Though all nests observed during the aerial nest survey were documented, it is possible that nests of certain species (e.g., American kestrel [*Falco sparverius*], prairie falcon [*Falco mexicanus*], and northern harrier [*Circus cyaneus*]) were not located due to the nature of aerial surveys. This is primarily due to the height and speed at which aerial surveys are conducted, and because of the nest structure and preferred substrate of these species (i.e., built in small cavities along rock outcrops or in trees, or built on the ground nestled in tall grasslands).

RESULTS

2017 Non-Eagle Raptor Nests

The April 2017 raptor nest aerial surveys identified 20 non-eagle raptor nest structures within the 2-mile buffer (see Figure 5). Six of these nests were considered occupied due to the presence of an adult in incubation position; three of the six nests were located within the study area (Table 1). Fourteen nests were considered unoccupied due to a lack of an attending/incubating adult, nestlings, or eggs at the time of the survey. The non-eagle raptor nests were of medium size, built with sticks, and located in small- to medium-sized deciduous trees. Given that the nest survey was conducted just prior to leaf-out, it was difficult to determine the exact species of a nest tree. The species composition of the occupied non-eagle raptor nests consisted of three red-tailed hawks (*Buteo jamaicensis*), and three Swainson's hawks (*Buteo swainsoni*). The 14 unoccupied nests were consistent in size and composition to those made by a *Buteo* species.

Visibility of the raptor nests was restricted during June status surveys because of dense foliage (i.e., deciduous trees had fully leafed out). As such, no new nests not already documented during April surveys were discovered during the June status survey. Only eagle nests located during the April survey were observed from the aircraft during the June survey (discussed below).

2018 Non-Eagle Raptor Nests

The April 2018 aerial raptor nest survey identified 37 non-eagle raptor nest structures within the 2-mile buffer (see Figure 5). Eleven nests were considered occupied due to the presence of an adult in incubation position; six of the 11 nests were located within the study area (Table 1). Twenty-six (26) nests were considered unoccupied due to a lack of an attending/incubating adult, nestlings, or eggs at the time of the survey. Of the 11 active non-eagle raptor nests, one (No. 122-2018, red-tailed hawk nest) was located within the 2-mile buffer of *both* the Crowned Ridge I and Crowned Ridge II project boundaries. The non-eagle raptor nests were of medium size, built with sticks, and located in small- to medium-sized deciduous trees. Given that the nest survey was conducted just prior to leaf-out, it was difficult to determine the exact species of a nest tree. The species composition of occupied non-eagle raptor nests consisted of two great-horned owl nests and eight red-tailed hawk nests, and one unknown species (unable to determine from aerial vantage point). The 26 unoccupied nests were consistent in size and composition to those made by a *Buteo* species.

Table 1. Occupied Non-Eagle Raptor Nests within the Study Area and 2-mile Buffer

| Nest No. | Nesting Species | Nest Condition | Nest Contents | Location | Coordinates |
|--------------------------|------------------|----------------|------------------|-------------------|-----------------------|
| 2017 Nest Surveys | | | | | |
| 04-2017 | Red-tailed hawk | Good | Incubating adult | Within study area | 44.8416 N, -96.9404 W |
| 28-2017 | Red-tailed hawk | Good | Incubating adult | Within study area | 44.7796 N, -96.8459 W |
| 59-2017 | Swainson's hawk | Good | Incubating adult | Within study area | 44.9577 N, -96.8694 W |
| 19-2017 | Swainson's hawk | Good | Incubating adult | 2-mile buffer | 44.8157 N, -96.9676 W |
| 21-2017 | Red-tailed hawk | Good | Incubating adult | 2-mile buffer | 44.8304 N, -96.9920 W |
| 27-2017 | Swainson's hawk | Good | Incubating adult | 2-mile buffer | 44.7775 N, -96.7904 W |
| 2018 Nest Survey | | | | | |
| 30-2018 | Great horned owl | Good | Incubating adult | Within study area | 44.9425 N, -96.9000 W |
| 113-2018 | Red-tailed hawk | Good | Incubating adult | Within study area | 44.8698 N, -96.8987 W |
| 114-2018 | Great-horned owl | Good | Incubating adult | Within study area | 44.8697 N, -96.8952 W |
| 119-2018 | Red-tailed hawk | Good | Incubating adult | Within study area | 44.8339 N, -96.8733 W |
| 154-2018 | Red-tailed hawk | Good | Incubating adult | Within study area | 44.9074 N, -96.7769 W |
| 131-2018 | Red-tailed hawk | Good | Incubating adult | Within study area | 44.7950 N, -96.8428 W |
| 136-2018 | Red-tailed hawk | Good | Incubating adult | 2-mile buffer | 44.9737 N, -96.8154 W |
| 148-2018 | Unknown | Good | Incubating adult | 2-mile buffer | 44.9288 N, -96.7893 W |
| 105-2018 | Red-tailed hawk | Good | Incubating adult | 2-mile buffer | 44.8284 N, -96.9221 W |
| 122-2018 | Red-tailed hawk | Good | Incubating adult | 2-mile buffer | 45.0032 N, -96.8694 W |
| 149-2018 | Red-tailed hawk | Good | Incubating adult | 2-mile buffer | 44.9273 N, -96.7908 W |

2017 Bald Eagle Nests

No bald eagle nests were observed within the study area during 2017 surveys. One unoccupied and one occupied bald eagle (*Haliaeetus leucocephalus*) nest was observed within the 2-mile buffer. The unoccupied bald eagle nest was located approximately 0.62 miles (0.99 km) outside the study area, and the occupied bald eagle nest was located approximately 0.98 miles (1.57 km) outside of the study area (Table 2; Figure 6). The occupied bald eagle nest was identified as such due to the presence of an adult in incubation position in April and presence of nestlings in June. Both eagle nests were found in medium- to large-sized eastern cottonwood (*Populus deltoides*) trees. The occupied bald eagle nest (No. 42-2017) was located within the 2-mile buffer of *both* the Crowned Ridge I and Crowned Ridge II project

boundaries on the northeast shore of Crooked Lake. The unoccupied eagle nest (No. 44-2017) was in an eastern cottonwood stand consisting of small- to large-sized trees just north of Wiggdale Lake. SWCA observed no activity at this nest after three passes during April and June surveys, and determined the nest was unoccupied.

Two occupied, and two unoccupied bald eagle nests were identified within the 10-mile buffer (Table 3; Figure 6). All four nests were located in medium- to large-sized eastern cottonwood trees (Table 3).

A second and final survey was completed in June 2017. No new nests not already documented during April surveys were discovered. Bald eagle nests located in April were still active in June. Nests No. 05-2017 (within the Crowned Ridge II study area 10-mile buffer) and No. 42-2017 (within the 2-mile buffer) had one eaglet and observations of a nearby adult were recorded. Nest No. 60-2017 (within the 10-mile buffer) had two eaglets and an adult was observed nearby. Nest No. 05-2017 is also within the Crowned Ridge I study area 2-mile buffer.

2018 Bald Eagle Nests

No bald eagle nests were observed within the study area during 2018 surveys. Three occupied bald eagle nests and one unoccupied eagle nest were observed within the 2-mile buffer; ranging from 0.62 miles (0.99 km) – 2.36 miles (3.79 km) from the study area (Table 2, Figure 6). The three occupied bald eagle nests were identified as such due to the presence of an adult in incubation position. Given that the nest survey was conducted just prior to leaf-out, it was difficult to determine the exact species of nest trees. Nest No. 88-2018 (occupied) was the same nest as No. 44-2017 (unoccupied) identified during 2017 surveys. Occupied eagle nest No. 124-2018 was in the 2-mile buffer of both the Crowned Ridge I and Crowned Ridge II project boundaries and may be used by the same bald eagle pair that occupied Nest No. 42-2017 during the previous year. Unoccupied Nest No. 87-2018 is the same as occupied (during 2017) Nest No. 42-2017. Occupied Nest No. 103-2018 appears to be the only new nest site not detected in previous surveys.

Four bald eagle nests were identified within the 10-mile buffer (outside the 2-mile buffer [see Figure 6]). All nests (three occupied and one unoccupied) located in the 10-mile buffer were in medium- to large-sized trees (see Table 3). Occupied Nest No. 56-2018 appears to be the same as occupied Nest No. 60-2017 identified during 2017 surveys. Occupied Nest No. 92-2018 appears to be a new nest site. Occupied Nest No. 04-2018 is the same nest as 2017 occupied nest 05-2017 that is within the 10-mile buffer of Crowned Ridge II and within the 2-mile buffer of the Crowned Ridge I study area.

Table 2. Bald Eagle Nests within the 2-mile Buffer (and Outside the Study Area)

| Nest No. | Survey Year | Status | Tree Type | Nest Condition | Nest Contents | Nest Coordinates |
|----------|-------------|------------|------------|------------------------|------------------|-----------------------|
| 42-2017* | 2017 | Occupied | Cottonwood | Sticks – intact | 1 nesting | 45.0236 N, -96.8553 W |
| 44-2017† | 2017 | Unoccupied | Cottonwood | Sticks – deteriorating | Empty | 44.9263 N, -96.7942 W |
| 87-2018* | 2018 | Unoccupied | Unknown | Excellent | Incubating adult | 45.0238 N, -96.8553 W |
| 88-2018† | 2018 | Occupied | Unknown | Excellent | Incubating adult | 44.9263 N, -96.7942 W |
| 103-2018 | 2018 | Occupied | Unknown | Excellent | Perched adult | 44.7947 N, -96.9330 W |
| 124-2018 | 2018 | Occupied | Unknown | Excellent | Incubating adult | 44.0123 N, -96.8440 W |

* Indicates the same nest site between years

† Indicates the same nest site between years

Table 3. Bald Eagle Nests within the 10-mile Buffer (and Outside Study Area and 2-mile Buffer)

| Nest ID | Survey Year | Status | Tree Type | Nest Condition | Nest Contents | Nest Coordinates |
|----------|-------------|----------|------------|-----------------|---------------|-----------------------|
| 05-2017* | 2017 | Occupied | Cottonwood | Sticks – intact | 1 nestling | 45.1172 N, -96.9126 W |

| Nest ID | Survey Year | Status | Tree Type | Nest Condition | Nest Contents | Nest Coordinates |
|----------------------|--------------------|---------------|------------------|-----------------------|----------------------|-------------------------|
| 60-2017 [†] | 2017 | Occupied | Cottonwood | Sticks – intact | 2 nestlings | 44.7992 N, -96.6910 W |
| 61-2017 | 2017 | Unoccupied | Cottonwood | Destroyed | Empty | 44.8550 N, -96.6420 W |
| 62-2017 | 2017 | Unoccupied | Cottonwood | Destroyed | Empty | 44.8764 N, -96.6573 W |
| 04-2018* | 2018 | Occupied | Cottonwood | Excellent | Incubating adult | 45.1172 N, -96.9126 W |
| 56-2018 [†] | 2018 | Occupied | Unknown | Excellent | Incubating adult | 44.7992 N, -96.6910 W |
| 92-2018 | 2018 | Occupied | Unknown | Excellent | Incubating adult | 44.8931 N, -96.6309 W |
| 165-2018 | 2018 | Unoccupied | Unknown | Good | Empty | 44.7973 N, -97.0538 W |

* Nest located within 2-mile buffer of Crowned Ridge I study area

[†] Indicates same nest site between years

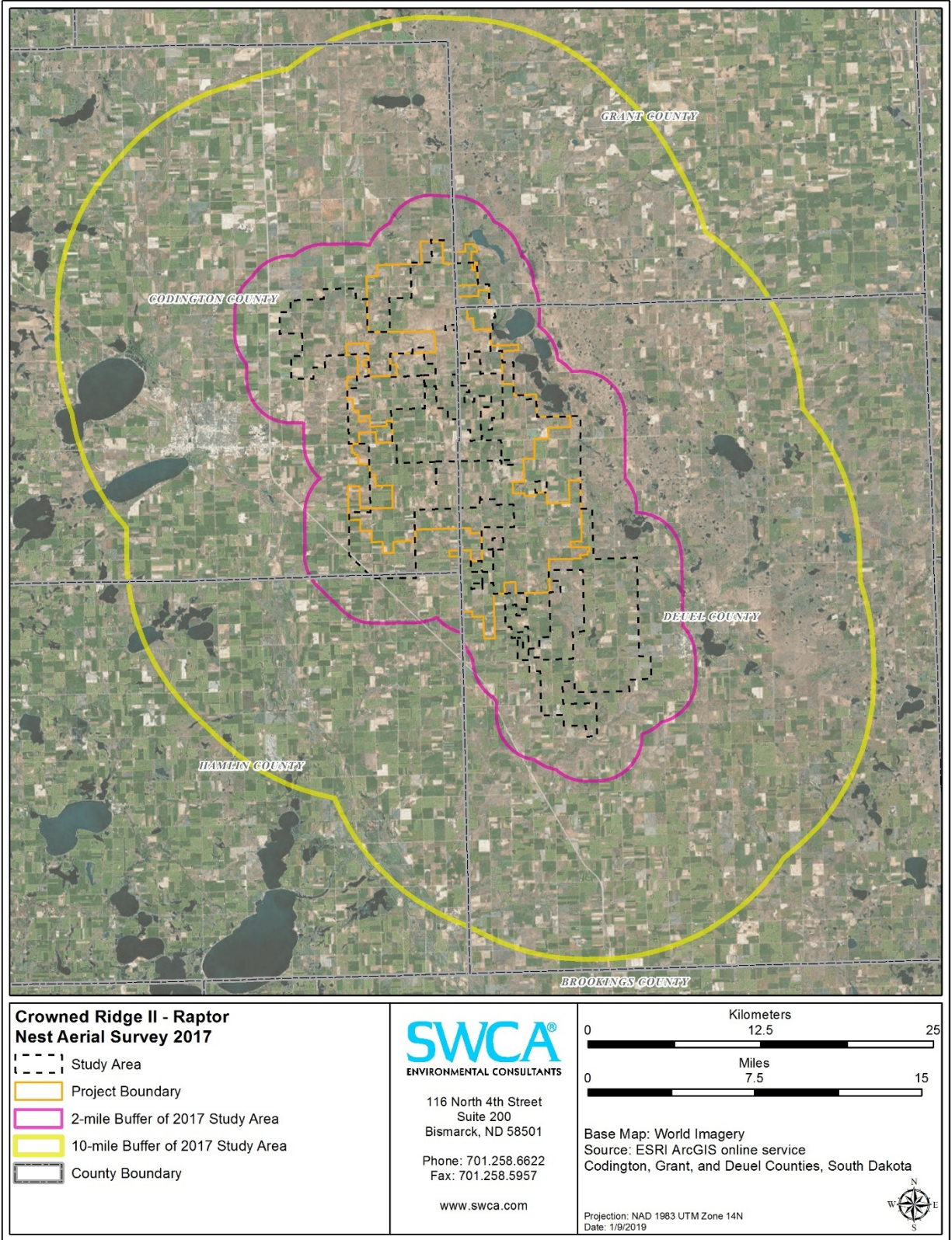


Figure 1. Study areas, 2017.

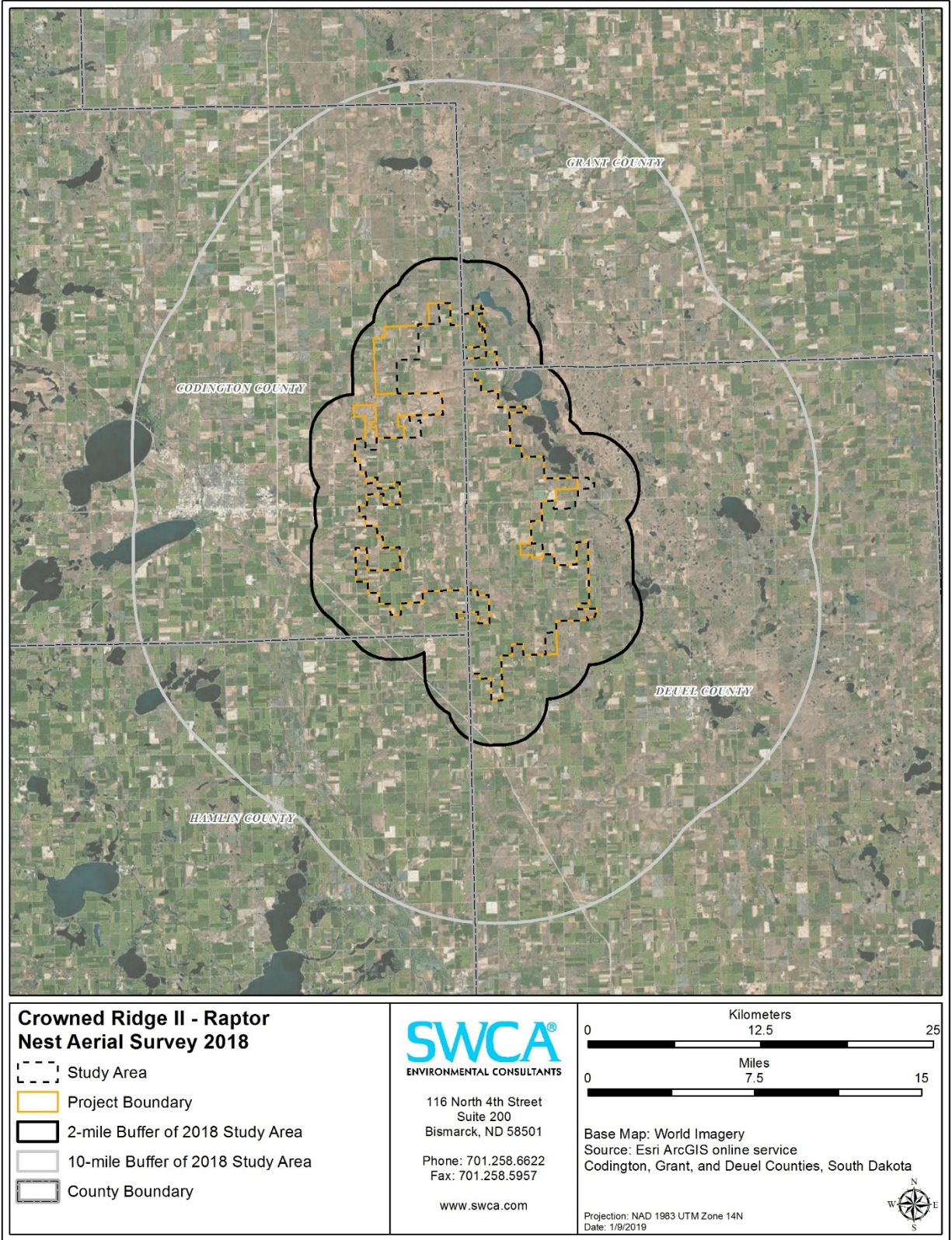


Figure 2. Study areas, 2018.

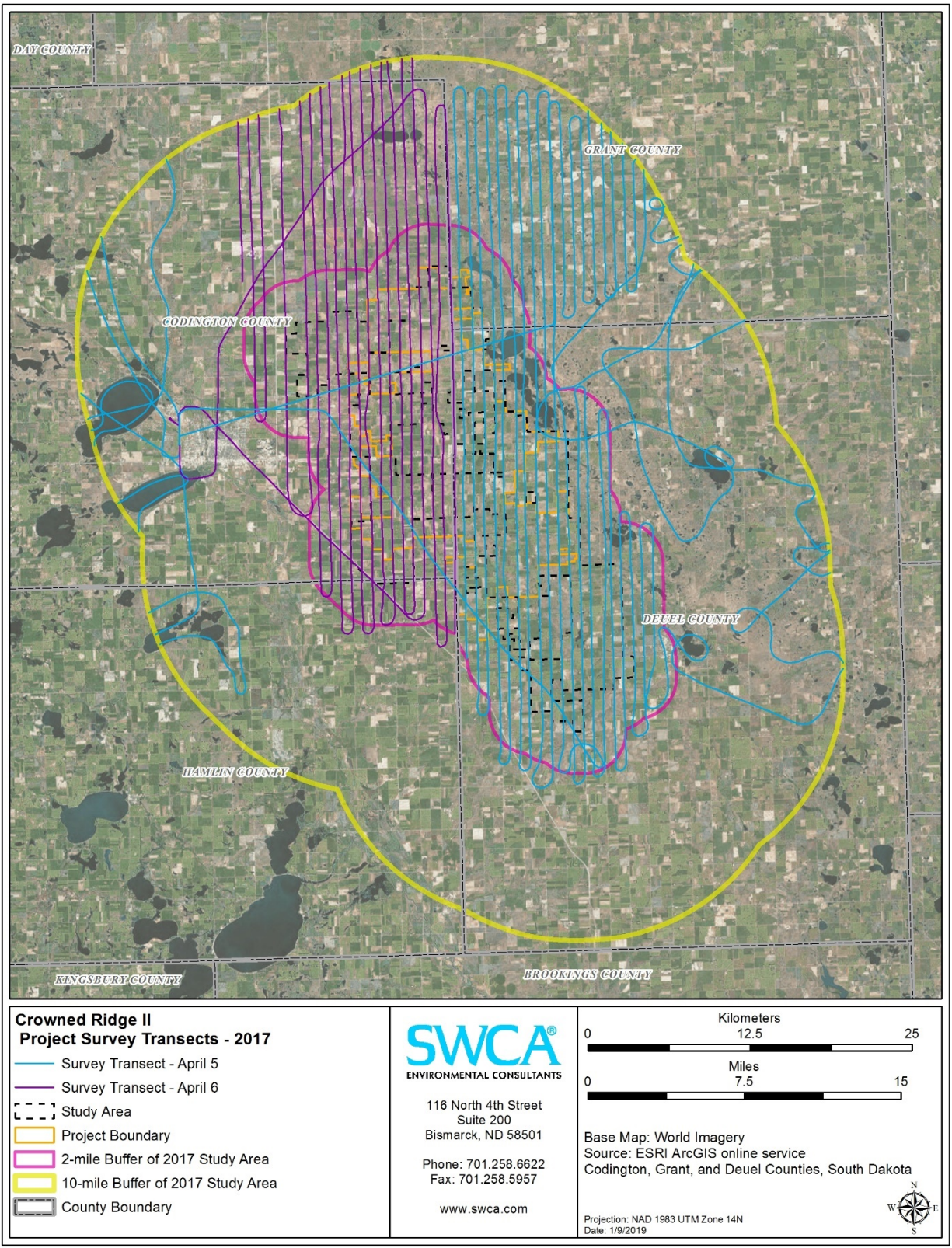


Figure 3. Survey transects, 2017.

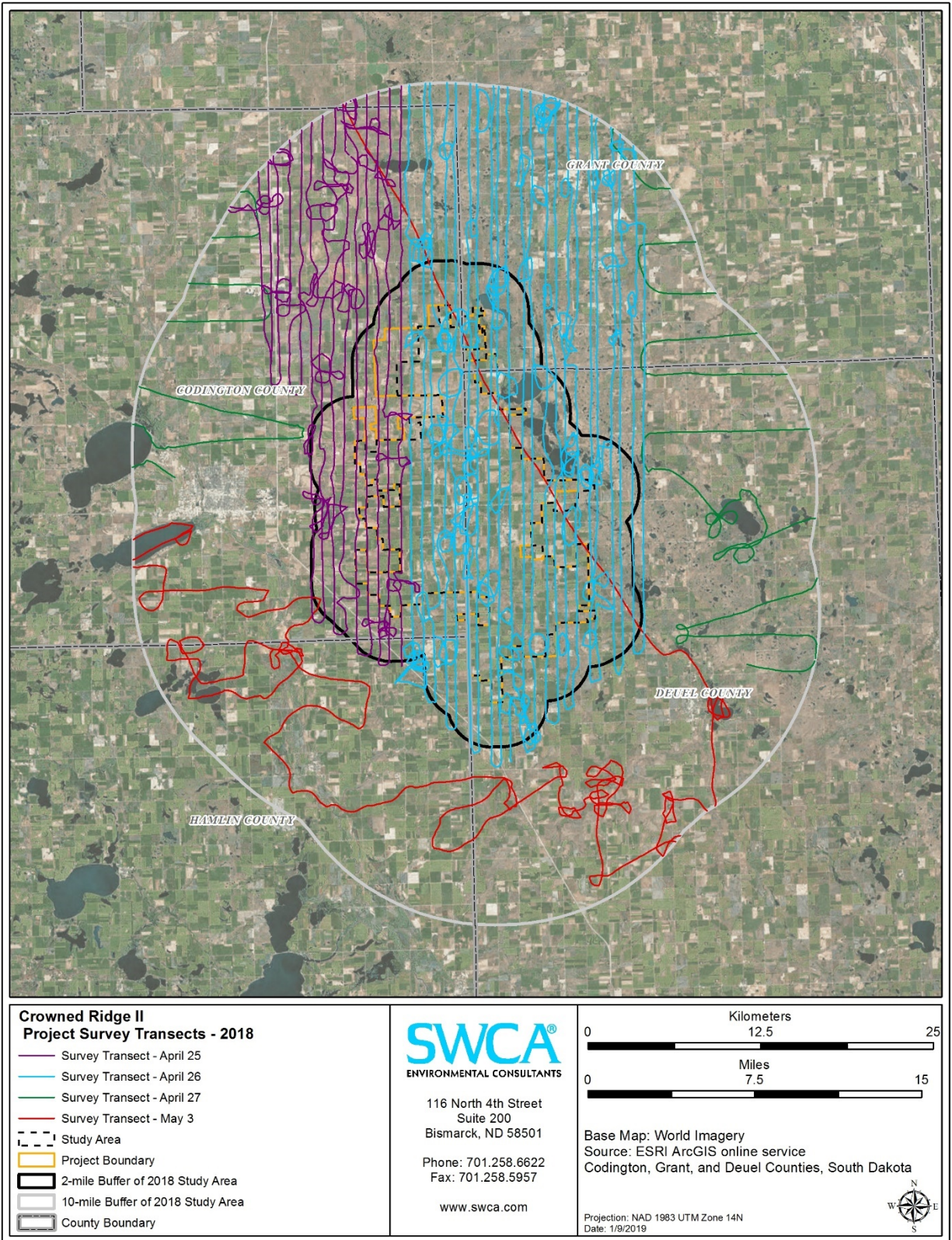


Figure 4. Survey transects, 2018.

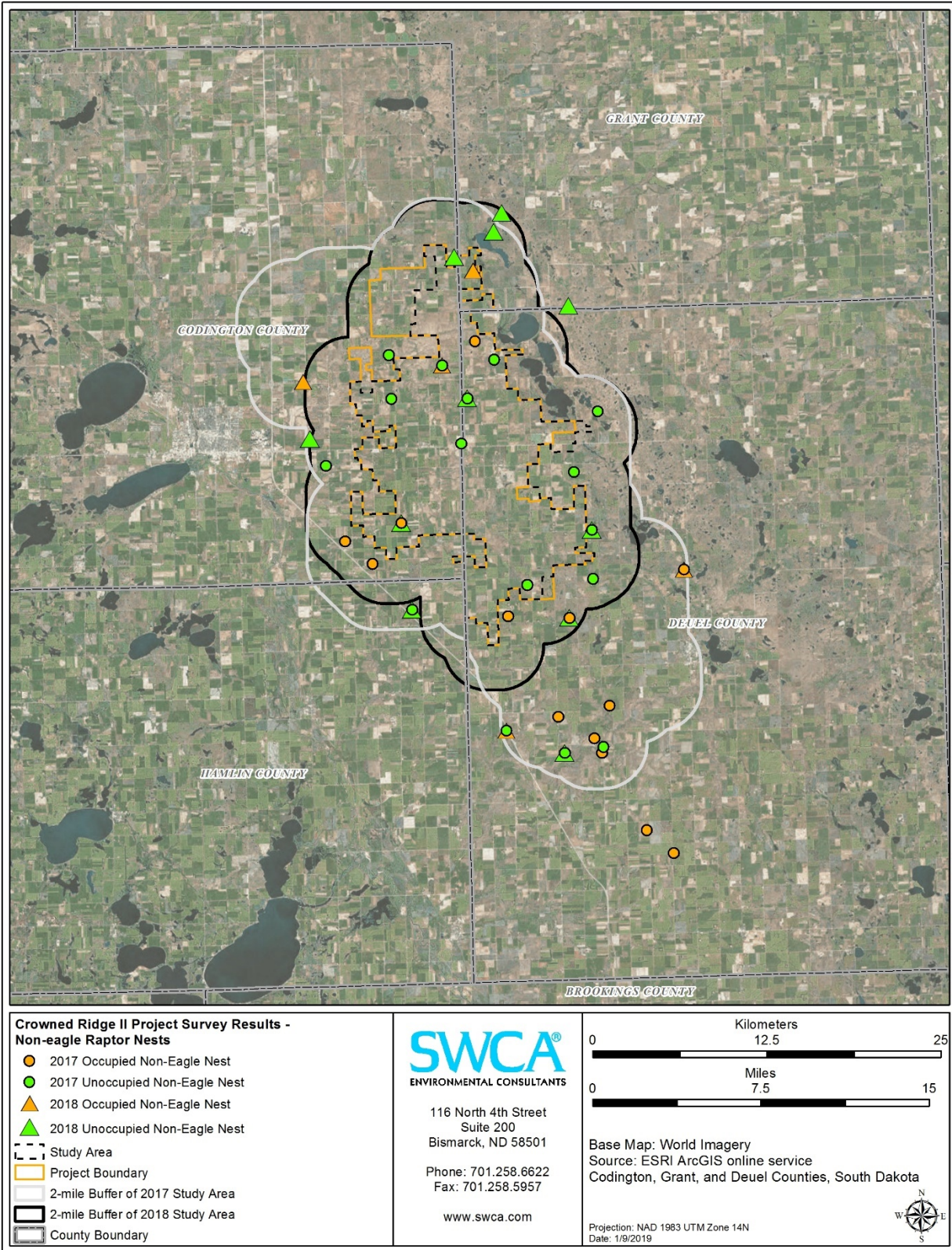


Figure 5. Survey results: non-eagle raptor nests.

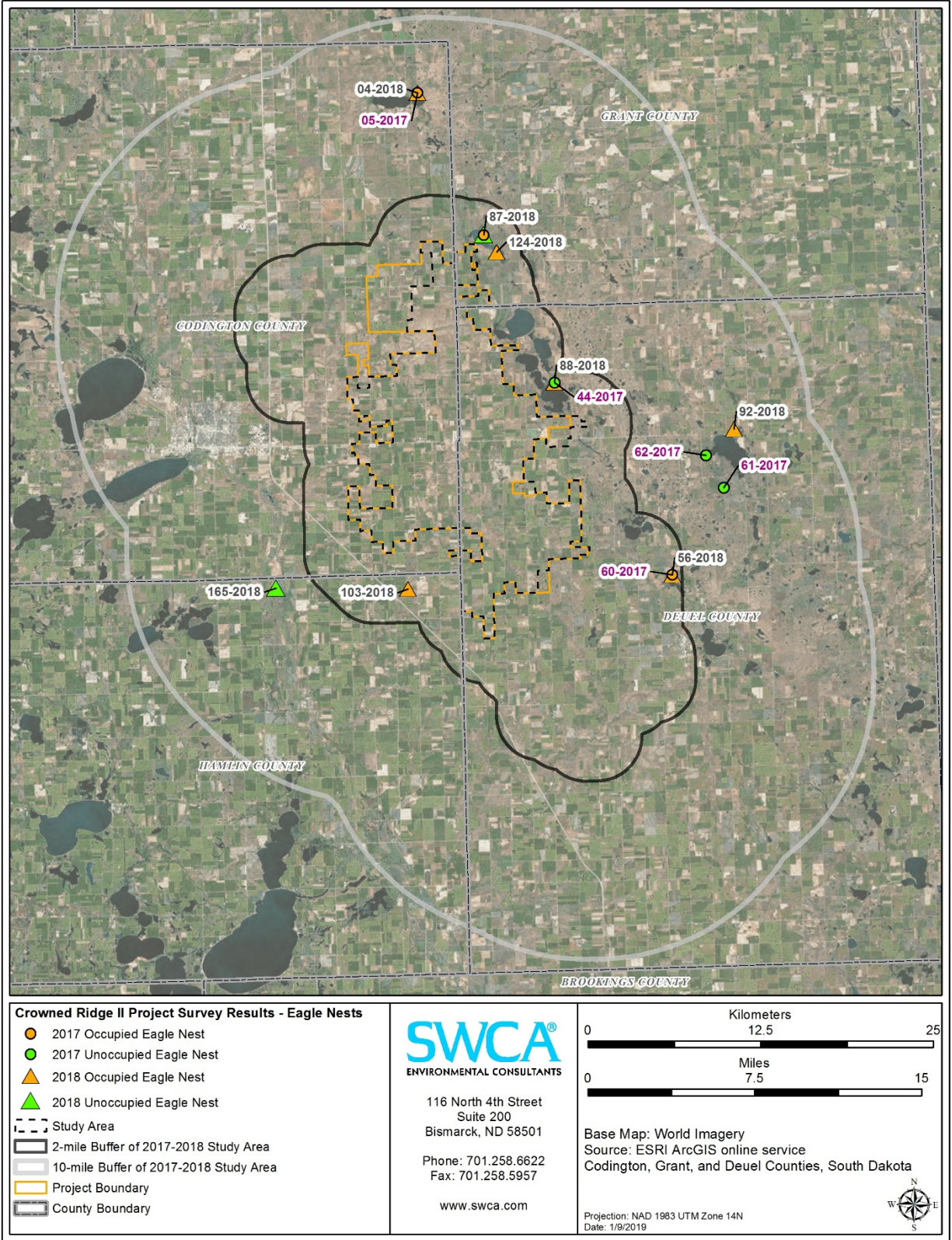


Figure 6. Survey results: eagle nests.

ATTACHMENT 1. 2017 Crowned Ridge II Raptor Nest Aerial Survey Data

| Nest No. | Status | Species | Study Area | Study Area Proximity | Latitude | Longitude |
|-----------------|---------------|-----------------------|-------------------|-----------------------------|-----------------|------------------|
| 60-2017 | Active | Bald Eagle | CRII | 10-mile | 44.7992 | -96.6910 |
| 02-2017 | Active | Red-tailed Hawk | CRII | 10-mile | 44.6899 | -96.7643 |
| 16-2017 | Active | Red-tailed Hawk | CRII | 10-mile | 44.8065 | -96.6852 |
| 54-2017 | Active | Red-tailed Hawk | CRII | 10-mile | 44.6392 | -96.7256 |
| 56-2017 | Active | Red-tailed Hawk | CRII | 10-mile | 44.6993 | -96.7710 |
| 57-2017 | Active | Red-tailed Hawk | CRII | 10-mile | 44.7201 | -96.7562 |
| 58-2017 | Active | Red-tailed Hawk | CRII | 10-mile | 44.7138 | -96.8028 |
| 55-2017 | Active | Swainson's Hawk | CRII | 10-mile | 44.6238 | -96.7020 |
| 61-2017 | Destroyed | Bald Eagle | CRII | 10-mile | 44.8550 | -96.6420 |
| 62-2017 | Destroyed | Bald Eagle | CRII | 10-mile | 44.8764 | -96.6573 |
| 29-2017 | Inactive | Red-tailed Hawk | CRII | 10-mile | 44.6937 | -96.7629 |
| 08-2017 | Inactive | Unoccupied Stick Nest | CRII | 10-mile | 44.7058 | -96.8502 |
| 10-2017 | Inactive | Unoccupied Stick Nest | CRII | 10-mile | 44.6904 | -96.7979 |
| 42-2017 | Active | Bald Eagle | CRI & II | 2-mile | 45.0236 | -96.8553 |
| 00-2017 | Active | Bald Eagle | CRI & II | 2-mile | 45.0229 | -96.8541 |
| 21-2017 | Active | Red-tailed Hawk | CRII | 2-mile | 44.8304 | -96.9920 |
| 19-2017 | Active | Swainson's Hawk | CRII | 2-mile | 44.8157 | -96.9676 |
| 27-2017 | Active | Swainson's Hawk | CRII | 2-mile | 44.7776 | -96.7903 |
| 13-2017 | Inactive | Unoccupied Stick Nest | CRI & II | 2-mile | 44.9500 | -96.9480 |
| 09-2017 | Inactive | Unoccupied Stick Nest | CRII | 2-mile | 44.8795 | -97.0079 |
| 12-2017 | Inactive | Unoccupied Stick Nest | CRII | 2-mile | 44.8024 | -96.7679 |
| 18-2017 | Inactive | Unoccupied Stick Nest | CRII | 2-mile | 44.7854 | -96.9328 |
| 24-2017 | Inactive | Unoccupied Stick Nest | CRII | 2-mile | 44.8715 | -96.7825 |
| 26-2017 | Inactive | Unoccupied Stick Nest | CRII | 2-mile | 44.9103 | -96.7596 |
| 44-2017 | Inactive | Unoccupied Stick Nest | CRII | 2-mile | 44.9263 | -96.7942 |
| 04-2017 | Active | Red-tailed Hawk | CRII | Within | 44.8416 | -96.9405 |
| 28-2017 | Active | Red-tailed Hawk | CRII | Within | 44.7796 | -96.8459 |
| 59-2017 | Active | Swainson's Hawk | CRII | Within | 44.9577 | -96.8694 |
| 30-2017 | Inactive | Red-tailed Hawk | CRII | Within | 44.7995 | -96.8279 |
| 32-2017 | Inactive | Red-tailed Hawk | CRII | Within | 44.9425 | -96.9000 |
| 33-2017 | Inactive | Red-tailed Hawk | CRII | Within | 44.9455 | -96.8524 |
| 31-2017 | Inactive | Swainson's Hawk | CRII | Within | 44.9209 | -96.8777 |
| 07-2017 | Inactive | Unoccupied Stick Nest | CRII | Within | 44.8918 | -96.8844 |
| 11-2017 | Inactive | Unoccupied Stick Nest | CRII | Within | 44.9217 | -96.9466 |
| 17-2017 | Inactive | Unoccupied Stick Nest | CRII | Within | 44.8339 | -96.7677 |

ATTACHMENT 2. 2018 Crowned Ridge II Raptor Nest Aerial Survey Data

| Nest No. | Status | Species | Study Area | Study Area Proximity | Latitude | Longitude |
|-----------------|---------------|------------------|-------------------|-----------------------------|-----------------|------------------|
| 56-2018 | Active | Bald Eagle | CRII | 10-mile | 44.7992 | -96.6910 |
| 92-2018 | Active | Bald Eagle | CRII | 10-mile | 44.8931 | -96.6309 |
| 98-2018 | Active | Red-tailed Hawk | CRI & II | 10-mile | 44.9343 | -97.0264 |
| 15-2018 | Active | Red-tailed Hawk | CRII | 10-mile | 44.8065 | -96.6852 |
| 95-2018 | Active | Red-tailed Hawk | CRII | 10-mile | 44.6890 | -96.7054 |
| 07-2018 | Active | UNK | CRII | 10-mile | 44.7058 | -96.8502 |
| 99-2018 | Inactive | UNK | CRI & II | 10-mile | 44.8972 | -97.0215 |
| 151-2018 | Inactive | UNK | CRI & II | 10-mile | 44.9789 | -96.7835 |
| 09-2018 | Inactive | UNK | CRII | 10-mile | 44.6904 | -96.7979 |
| 17-2018 | Inactive | UNK | CRII | 10-mile | 44.7854 | -96.9328 |
| 124-2018 | Active | Bald Eagle | CRI & II | 2-mile | 45.0123 | -96.8440 |
| 88-2018 | Active | Bald Eagle | CRII | 2-mile | 44.9263 | -96.7942 |
| 103-2018 | Active | Bald Eagle | CRII | 2-mile | 44.7947 | -96.9330 |
| 122-2018 | Active | Red-tailed Hawk | CRI & II | 2-mile | 45.0032 | -96.8694 |
| 105-2018 | Active | Red-tailed Hawk | CRII | 2-mile | 44.8284 | -96.9221 |
| 136-2018 | Active | Red-tailed Hawk | CRII | 2-mile | 44.9737 | -96.8154 |
| 149-2018 | Active | Red-tailed Hawk | CRII | 2-mile | 44.9273 | -96.7908 |
| 148-2018 | Active | UNK | CRII | 2-mile | 44.9288 | -96.7893 |
| 127-2018 | Inactive | UNK | CRI & II | 2-mile | 45.0279 | -96.8495 |
| 128-2018 | Inactive | UNK | CRI & II | 2-mile | 45.0399 | -96.8418 |
| 26-2018 | Inactive | UNK | CRII | 2-mile | 44.7776 | -96.7903 |
| 100-2018 | Inactive | UNK | CRII | 2-mile | 44.8115 | -96.9603 |
| 106-2018 | Inactive | UNK | CRII | 2-mile | 44.7994 | -96.9161 |
| 107-2018 | Inactive | UNK | CRII | 2-mile | 44.8171 | -96.9194 |
| 115-2018 | Inactive | UNK | CRII | 2-mile | 44.7975 | -96.8947 |
| 126-2018 | Inactive | UNK | CRII | 2-mile | 44.9686 | -96.8512 |
| 129-2018 | Inactive | UNK | CRII | 2-mile | 44.7620 | -96.8466 |
| 135-2018 | Inactive | UNK | CRII | 2-mile | 44.7634 | -96.8316 |
| 150-2018 | Inactive | UNK | CRII | 2-mile | 44.9160 | -96.7828 |
| 155-2018 | Inactive | UNK | CRII | 2-mile | 44.8217 | -96.7629 |
| 156-2018 | Inactive | UNK | CRII | 2-mile | 44.8373 | -96.7650 |
| 157-2018 | Inactive | UNK | CRII | 2-mile | 44.9186 | -96.7582 |
| 30-2018 | Active | Great-horned Owl | CRII | Within | 44.9425 | -96.9000 |
| 114-2018 | Active | Great-horned Owl | CRII | Within | 44.8697 | -96.8952 |
| 113-2018 | Active | Red-tailed Hawk | CRII | Within | 44.8698 | -96.8987 |
| 119-2018 | Active | Red-tailed Hawk | CRII | Within | 44.8339 | -96.8733 |
| 131-2018 | Active | Red-tailed Hawk | CRII | Within | 44.7950 | -96.8428 |
| 154-2018 | Active | Red-tailed Hawk | CRII | Within | 44.9074 | -96.7769 |
| 116-2018 | Inactive | UNK | CRI & II | Within | 45.0122 | -96.8862 |
| 03-2018 | Inactive | UNK | CRII | Within | 44.8416 | -96.9405 |

| Nest No. | Status | Species | Study Area | Study Area Proximity | Latitude | Longitude |
|-----------------|---------------|----------------|-------------------|-----------------------------|-----------------|------------------|
| 16-2018 | Inactive | UNK | CRII | Within | 44.8339 | -96.7677 |
| 29-2018 | Inactive | UNK | CRII | Within | 44.9209 | -96.8777 |
| 53-2018 | Inactive | UNK | CRII | Within | 44.9210 | -96.8759 |
| 85-2018 | Inactive | UNK | CRII | Within | 44.9154 | -96.8060 |
| 120-2018 | Inactive | UNK | CRII | Within | 44.8784 | -96.8755 |
| 121-2018 | Inactive | UNK | CRII | Within | 44.8830 | -96.8748 |
| 125-2018 | Inactive | UNK | CRII | Within | 44.8405 | -96.8550 |
| 130-2018 | Inactive | UNK | CRII | Within | 44.7886 | -96.8460 |
| 132-2018 | Inactive | UNK | CRII | Within | 44.8154 | -96.8450 |
| 133-2018 | Inactive | UNK | CRII | Within | 44.8945 | -96.8474 |
| 87-2018 | Inactive | Prob BAEA | CRI & II | Within | 45.0238 | -96.8553 |
| 165-2018 | Inactive | Prob BAEA | CRII | 10-mile | 44.7973 | -97.0538 |