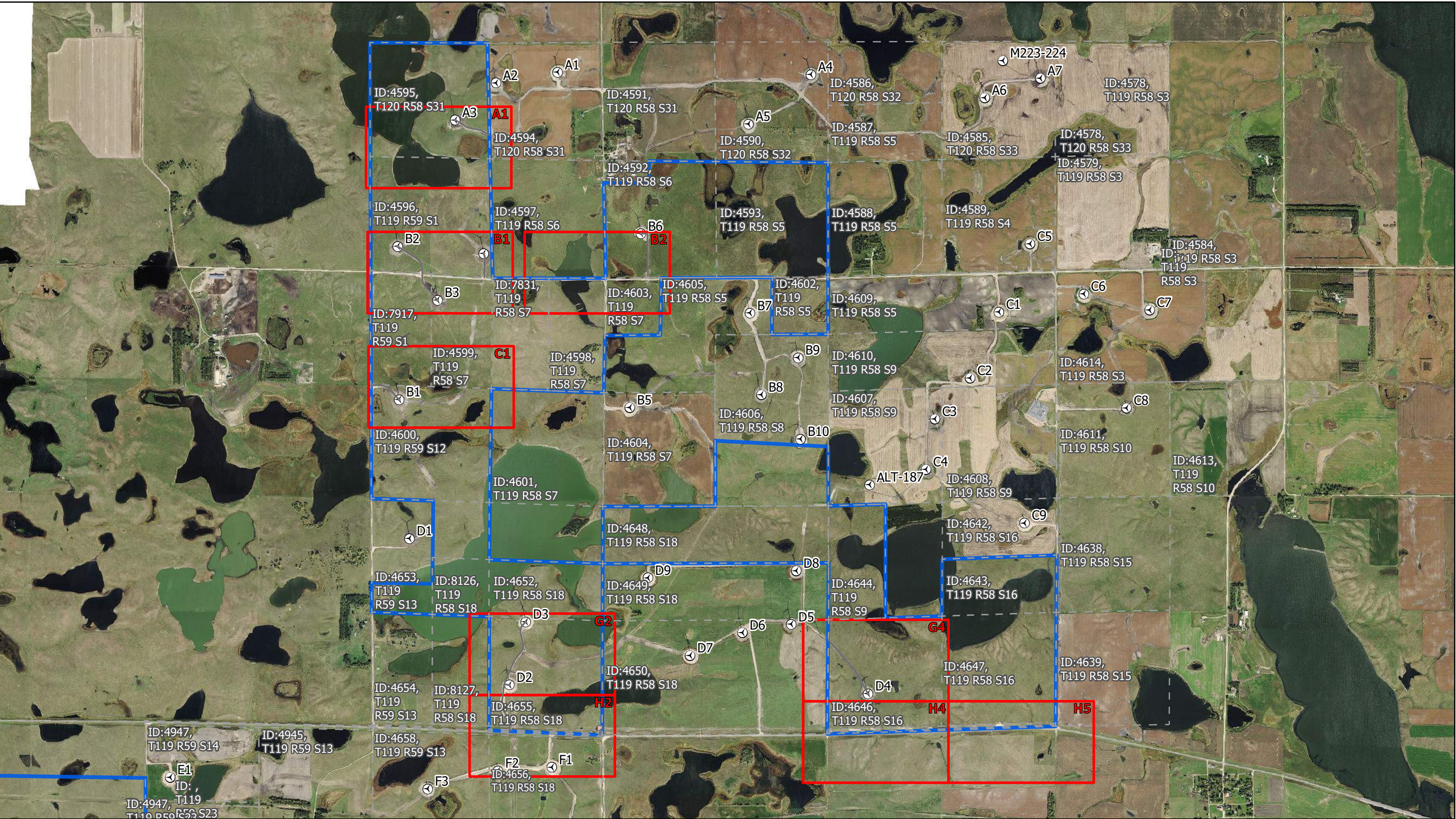


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Data Source(s): Westwood (2019); ESRI (2019)



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Legend

- Turbine
- USFWS Parcel Boundary
- Parcel
- Mapbook Sheet
- Permanent Improvement Areas

*Parcel ID provided by Westwood ALTA Survey

Total Permanent Improvements:
Acres: 4.89
Sq. Feet: 212,926

Permanent improvement areas calculated based on the following assumptions, USFWS parcel data provided by Geronimo on October 4, 2018, and aerial imagery obtained on October 8th, 2019.

- 1) Access Roads - 20 feet wide
- 2) Turbine Areas - 22 foot radius from center of WTG
- 3) Junction Boxes - 9 feet long by 12 feet wide
- 4) Transmission Lines - 8 foot radius around structures

Crocker Wind Project

Clark County, SD

USFWS Crocker 2019 Permanent Disturbance Index

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A1



Data Source(s): Westwood (2019); ESRI (2019)



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Legend

- Turbine
- USFWS Parcel Boundary
- Parcel
- Permanent Improvement Areas

*Parcel ID provided by Westwood ALTA Survey

Total Permanent Improvements
on Page:
Acres: 0.43
Sq. Feet: 18,621

Permanent improvement areas calculated based on the following assumptions, USFWS parcel data provided by Geronimo on October 4, 2018, and aerial imagery obtained on October 8th, 2019.

- 1) Access Roads– 20 feet wide
- 2) Turbine Areas – 22 foot radius from center of WTG
- 3) Junction Boxes – 9 feet long by 12 feet wide
- 4) Transmission Lines - 8 feet wide

Name	Acres	SqFeet	Landowner	SECTION	TOWNSHIP	RANGE
Beauty Ring A2	0.035	1513	Richard Wells	6	119 N	58 W
Access Road A3	0.39	17108	Richard Wells	6	119 N	58 W

Crocker Wind Project

Clark County, SD

USFWS Crocker 2019 Permanent Disturbance

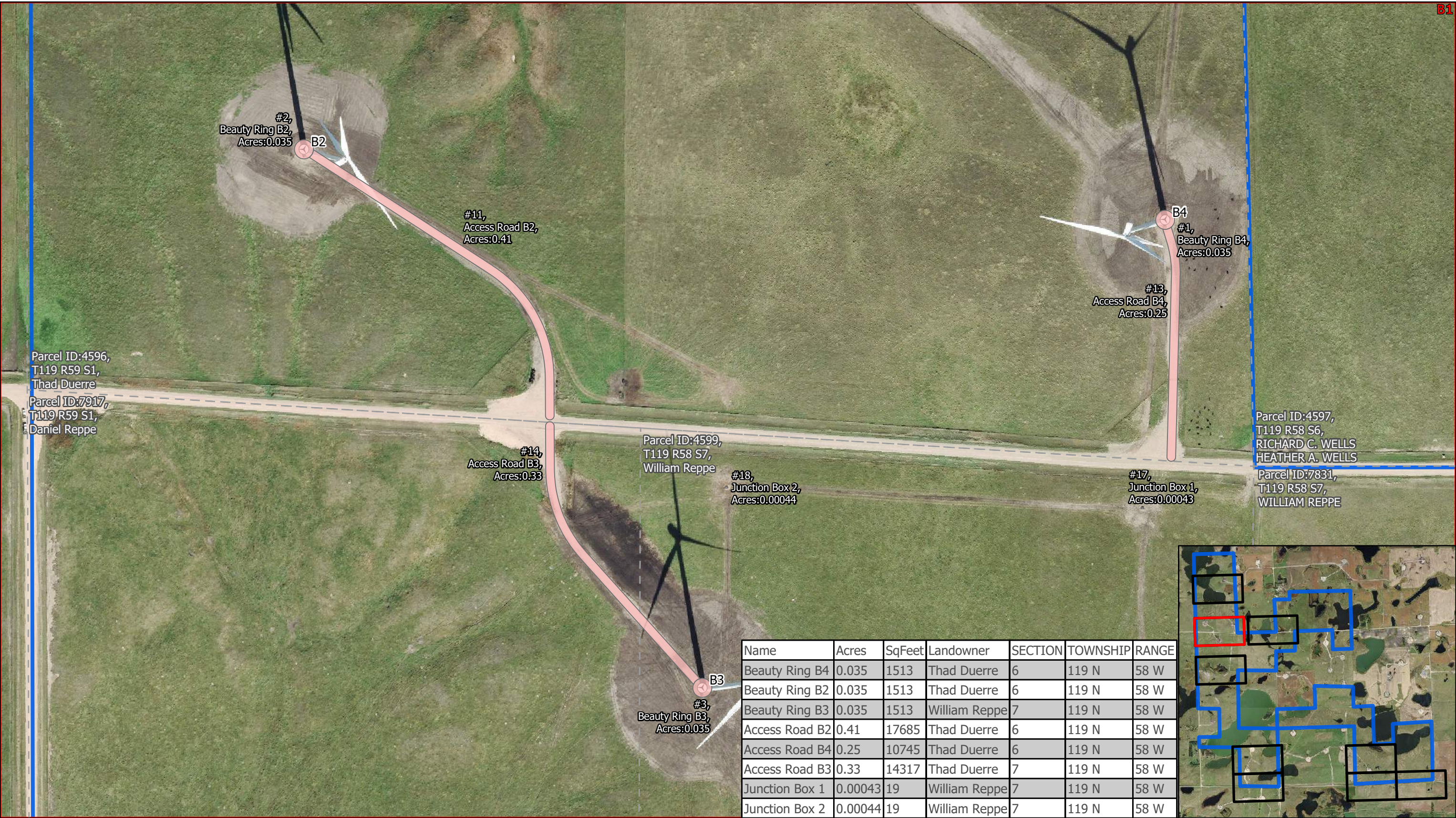
Page Name: A1

Page Number: 1

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Map Document: N:\00072680_04\GIS\4594-Parcel-Crocker-Wind-Construction-Monitoring-Aux-11/7/2019_1415 PM\ESri\Sorenson

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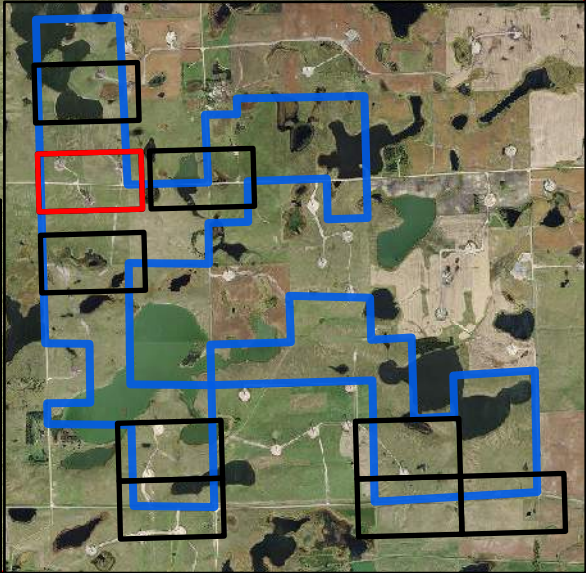
- Turbine
- USFWS Parcel Boundary
- Parcel
- Permanent Improvement Areas

*Parcel ID provided by Westwood ALTA Survey

Total Permanent Improvements
on Page:
Acres: 1.09
Sq. Feet: 47,322

Permanent improvement areas calculated based on the following assumptions, USFWS parcel data provided by Geronimo on October 4, 2018, and aerial imagery obtained on October 8th, 2019.

- 1) Access Roads– 20 feet wide
- 2) Turbine Areas – 22 foot radius from center of WTG
- 3) Junction Boxes – 9 feet long by 12 feet wide
- 4) Transmission Lines - 8 feet wide



Crocker Wind Project

Clark County, SD

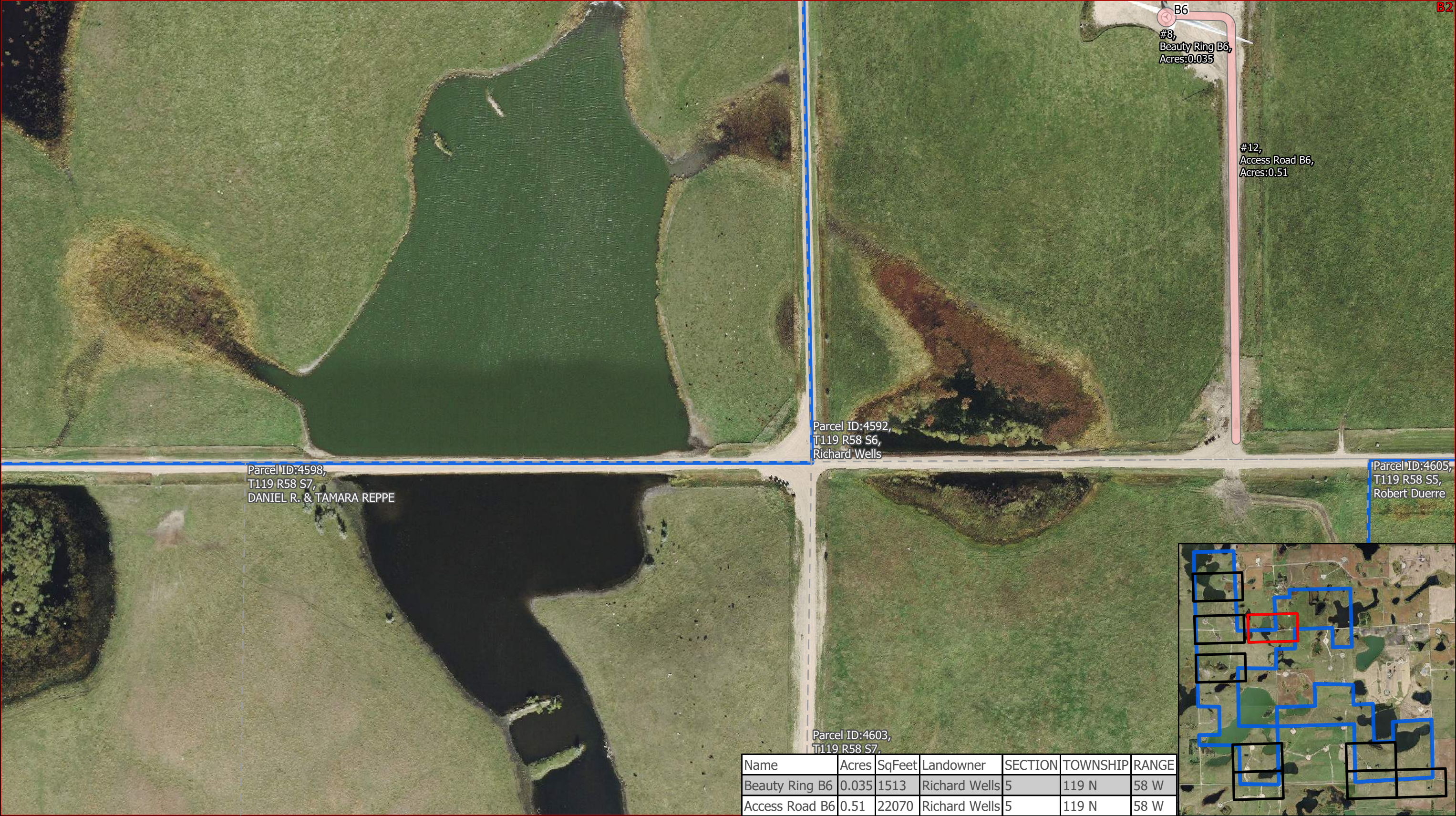
USFWS Crocker 2019 Permanent Disturbance

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Legend

- Turbine
- USFWS Parcel Boundary
- Parcel
- Permanent Improvement Areas

*Parcel ID provided by Westwood ALTA Survey

Total Permanent Improvements
on Page:
Acres: 0.54
Sq. Feet: 23,583

Permanent improvement areas calculated based on the following assumptions, USFWS parcel data provided by Geronimo on October 4, 2018, and aerial imagery obtained on October 8th, 2019.

- 1) Access Roads – 20 feet wide
- 2) Turbine Areas – 22 foot radius from center of WTG
- 3) Junction Boxes – 9 feet long by 12 feet wide
- 4) Transmission Lines - 8 feet wide

Crocker Wind Project

Clark County, SD

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Legend

- Turbine
- USFWS Parcel Boundary
- Parcel
- Permanent Improvement Areas

*Parcel ID provided by Westwood ALTA Survey

Total Permanent Improvements
on Page:
Acres: 0.38
Sq. Feet: 16,770

Permanent improvement areas calculated based on the following assumptions, USFWS parcel data provided by Geronimo on October 4, 2018, and aerial imagery obtained on October 8th, 2019.

- 1) Access Roads— 20 feet wide
- 2) Turbine Areas – 22 foot radius from center of WTG
- 3) Junction Boxes – 9 feet long by 12 feet wide
- 4) Transmission Lines - 8 feet wide

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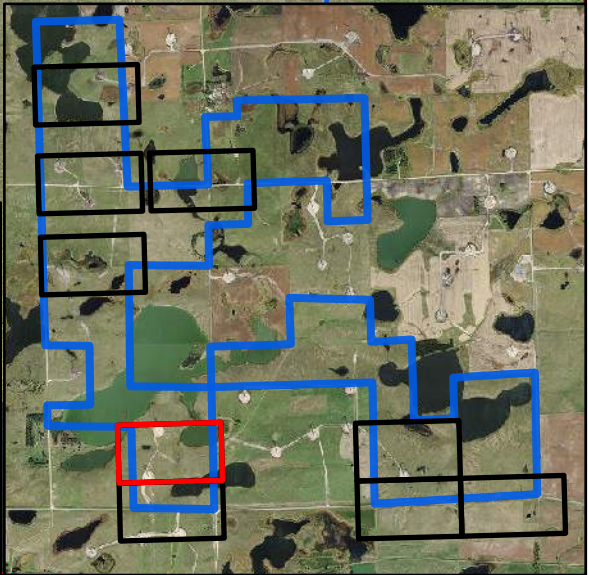
- Turbine
- USFWS Parcel Boundary
- Parcel
- Permanent Improvement Areas

*Parcel ID provided by Westwood ALTA Survey

Total Permanent Improvements
on Page:
Acres: 1.37
Sq. Feet: 59,712

Permanent improvement areas calculated based on the following assumptions, USFWS parcel data provided by Geronimo on October 4, 2018, and aerial imagery obtained on October 8th, 2019.

- 1) Access Roads– 20 feet wide
- 2) Turbine Areas – 22 foot radius from center of WTG
- 3) Junction Boxes – 9 feet long by 12 feet wide
- 4) Transmission Lines - 8 feet wide



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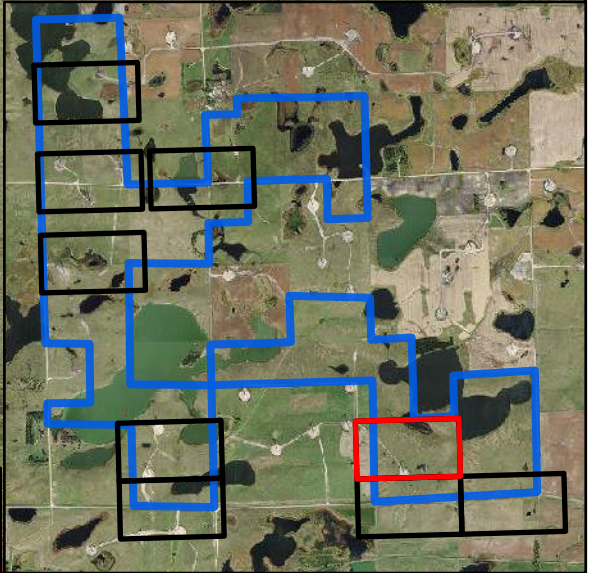
- Turbine
- USFWS Parcel Boundary
- Parcel
- Permanent Improvement Areas

*Parcel ID provided by Westwood ALTA Survey

Total Permanent Improvements
on Page:
Acres: 0.75
Sq. Feet: 32,597

Permanent improvement areas calculated based on the following assumptions, USFWS parcel data provided by Geronimo on October 4, 2018, and aerial imagery obtained on October 8th, 2019.

- 1) Access Roads– 20 feet wide
- 2) Turbine Areas – 22 foot radius from center of WTG
- 3) Junction Boxes – 9 feet long by 12 feet wide
- 4) Transmission Lines - 8 feet wide



Crocker Wind Project

Clark County, SD

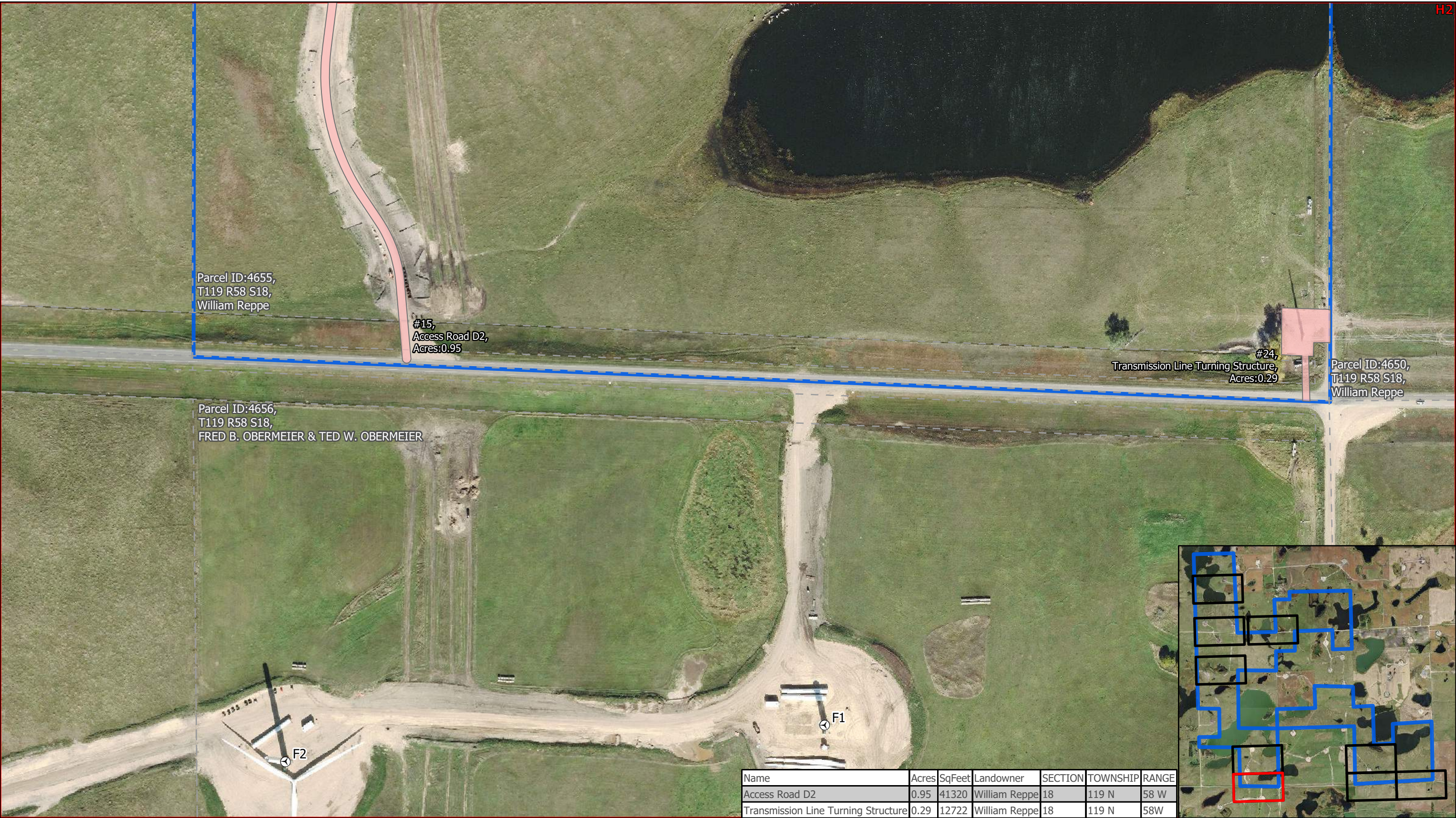
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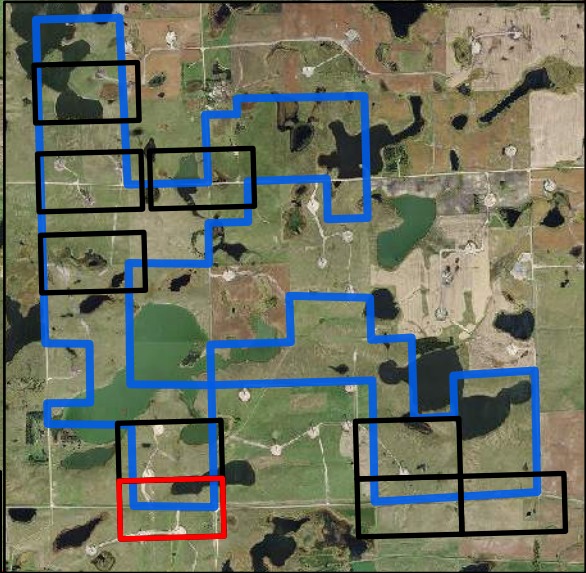
- Turbine
- USFWS Parcel Boundary
- Parcel
- Permanent Improvement Areas

*Parcel ID provided by Westwood ALTA Survey

Total Permanent Improvements
on Page:
Acres: 1.24
Sq. Feet: 54,041

Permanent improvement areas calculated based on the following assumptions, USFWS parcel data provided by Geronimo on October 4, 2018, and aerial imagery obtained on October 8th, 2019.

- 1) Access Roads– 20 feet wide
- 2) Turbine Areas – 22 foot radius from center of WTG
- 3) Junction Boxes – 9 feet long by 12 feet wide
- 4) Transmission Lines - 8 feet wide



Crocker Wind Project

Clark County, SD

USFWS Crocker 2019 Permanent Disturbance

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Map Document: N:\00072680_04\GIS\4650-Parcel\Crocker Wind Construction Monitoring\aux - 11/7/2019 1:15 PM\ESri\Sorenson

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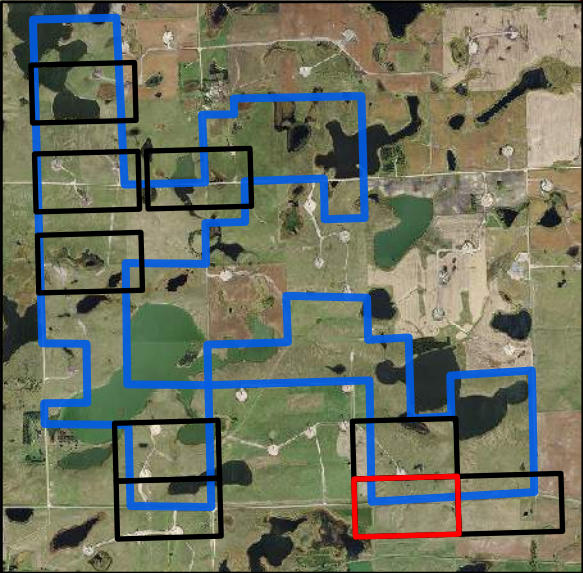
- Turbine
- USFWS Parcel Boundary
- Parcel
- Permanent Improvement Areas

*Parcel ID provided by Westwood ALTA Survey

Total Permanent Improvements
on Page:
Acres: 0.02
Sq. Feet: 800

Permanent improvement areas calculated based on the following assumptions, USFWS parcel data provided by Geronimo on October 4, 2018, and aerial imagery obtained on October 8th, 2019.

- 1) Access Roads– 20 feet wide
- 2) Turbine Areas – 22 foot radius from center of WTG
- 3) Junction Boxes – 9 feet long by 12 feet wide
- 4) Transmission Lines - 8 feet wide



Crocker Wind Project

Clark County, SD

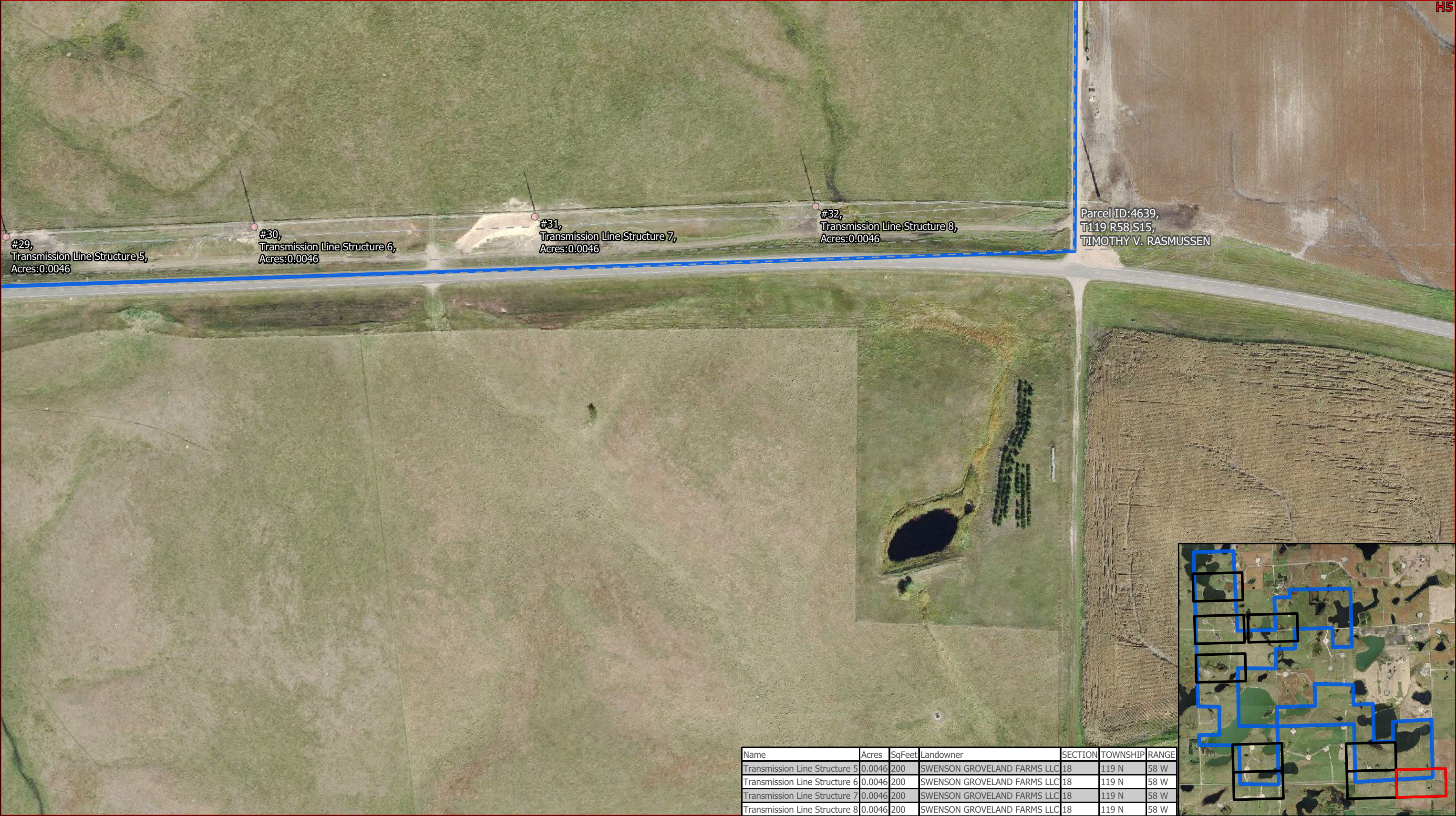
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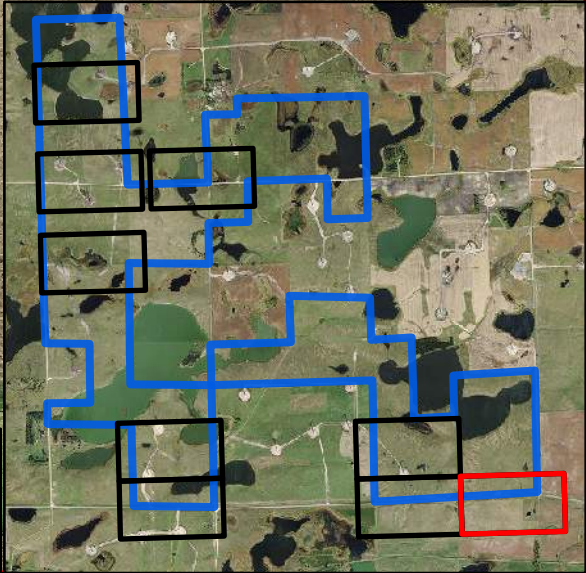
- Turbine
- USFWS Parcel Boundary
- Parcel
- Permanent Improvement Areas

*Parcel ID provided by Westwood ALTA Survey

Total Permanent Improvements
on Page:
Acres: 0.02
Sq. Feet: 800

Permanent improvement areas calculated based on the following assumptions, USFWS parcel data provided by Geronimo on October 4, 2018, and aerial imagery obtained on October 8th, 2019.

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- 3) Junction Boxes – 9 feet long by 12 feet wide
- 4) Transmission Lines - 8 feet wide



Crocker Wind Project

Clark County, SD

USFWS Crocker 2019 Permanent Disturbance

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