

May 11, 2017

Darrel Nitschke  
Executive Director  
North Dakota Public Service Commission  
600 East Boulevard; Department 408  
Bismarck, ND 58505-0480



Re: Basin Electric Power Cooperative - Logan to Kenmare 115kV Transmission Line  
Reconductoring Project  
Case Number 9339

Dear Mr. Nitschke:

On May 5, 1977, the North Dakota Public Service Commission approved a Certificate of Site Compatibility for Transmission Facility Corridor (Certificate of Corridor No. 7) and Route Permit (Permit No. 2) for Basin Electric Power Cooperatives' ("**Basin Electric**") Logan to Kenmare 115kV Electrical Transmission Line and related substation facilities. The 115kV transmission line was built pursuant to Chapter 49-22 of the North Dakota Energy Conversion and Transmission Facility Siting Act.

To support regional transmission reliability, Basin Electric is planning to reconductor 26.0 miles of existing 477 Hawk steel reinforced conductor with 954 Cardinal steel reinforced conductor from SW Minot to Berthold Substations in order to meet the Southwest Power Pool ("**SPP**") emergency rating requirements of 212 MVA. As part of the conductor replacement, existing structures will be modified to account for the heavier conductor. The existing transmission line will maintain its 115kV voltage design rating. The structure modifications may include additional x-bracing, cross-arm knee braces, replacing shield wire cross-arms, and in some cases full structure replacement to maintain National Electrical Safety Code (NESC) clearances. Basin Electric is anticipating construction to begin in June 2017 and is expected to last approximately six months, with an in service date planned for 4<sup>th</sup> Quarter 2017.

To support regional transmission reliability, approximately 7.0 miles of transmission line from the Logan to SW Minot Substation was previously reconducted in 2014.

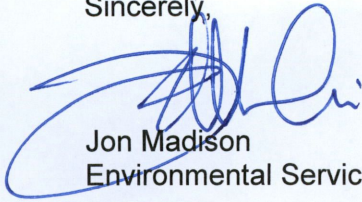
In accordance with North Dakota Century Code 49-22-03 (3)(a)(4), enclosed please find a notarized certification indicating any improvement activities of this transmission line will not affect any known exclusion or avoidance areas as defined in in North Dakota Administrative Code 69-06-08-02 (1) and (2). Basin Electric will comply with all applicable conditions and protections in siting laws and rules and commission orders previously issued.

1 PU-17-188 Filed 05/11/2017 Pages: 36  
Certification regarding exclusion and avoidance areas with supporting documentation  
Basin Electric Power Cooperative  
Jon Madison

May 11, 2017  
Page 2

In addition to the attached Certificate, please see the enclosed map for additional information. If you have any questions or require supporting information please contact me at (701) 557-5655.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jon Madison", written over a circular blue stamp or seal.

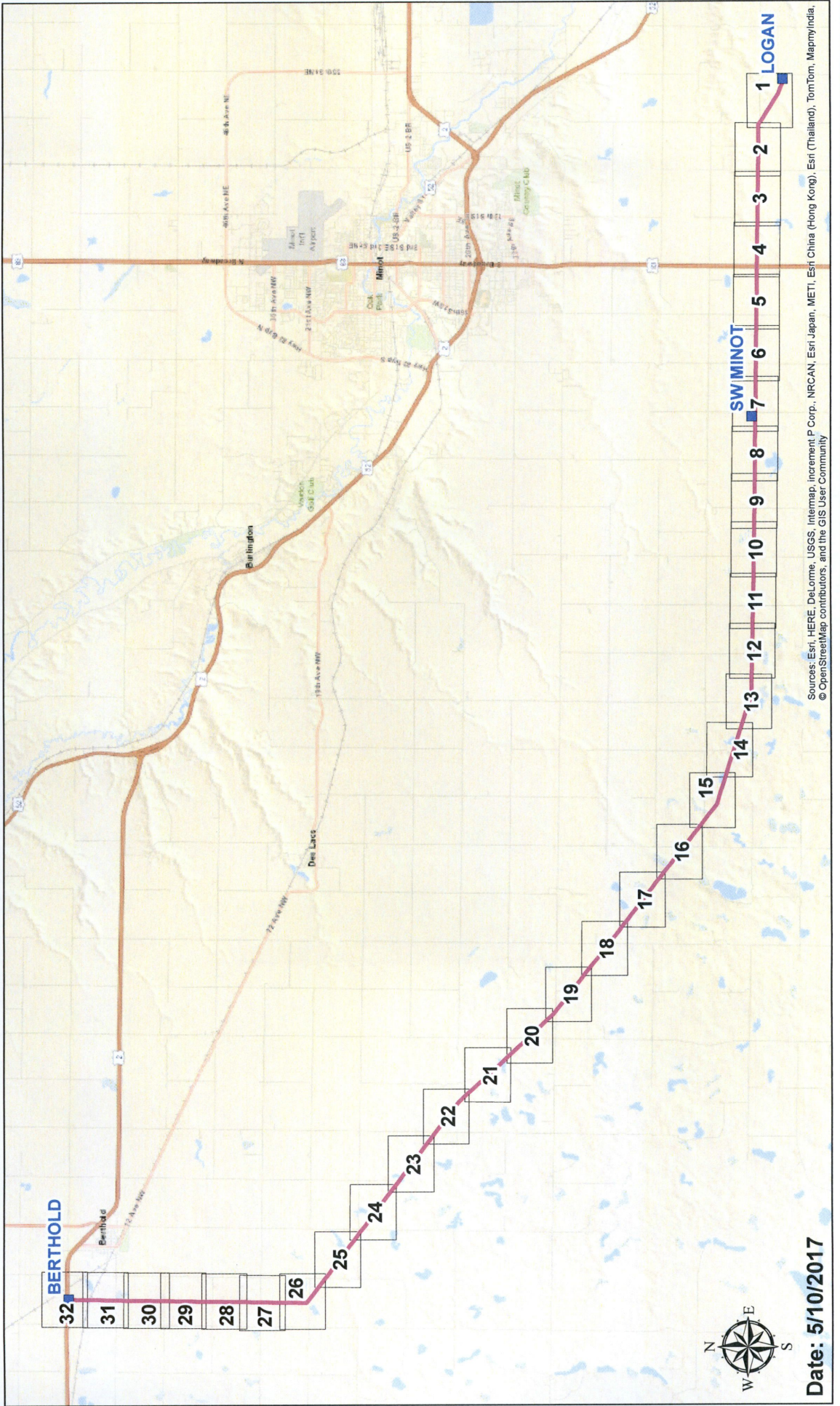
Jon Madison  
Environmental Services Administrator

/ser

Enclosures



# Basin Electric Line 031 Reconductor Project



Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Date: 5/10/2017

# Basin Electric Line 031 Reconductor Project

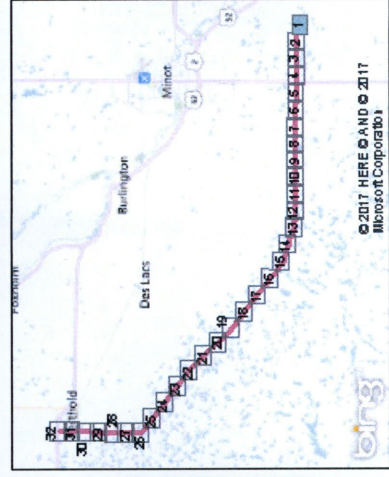


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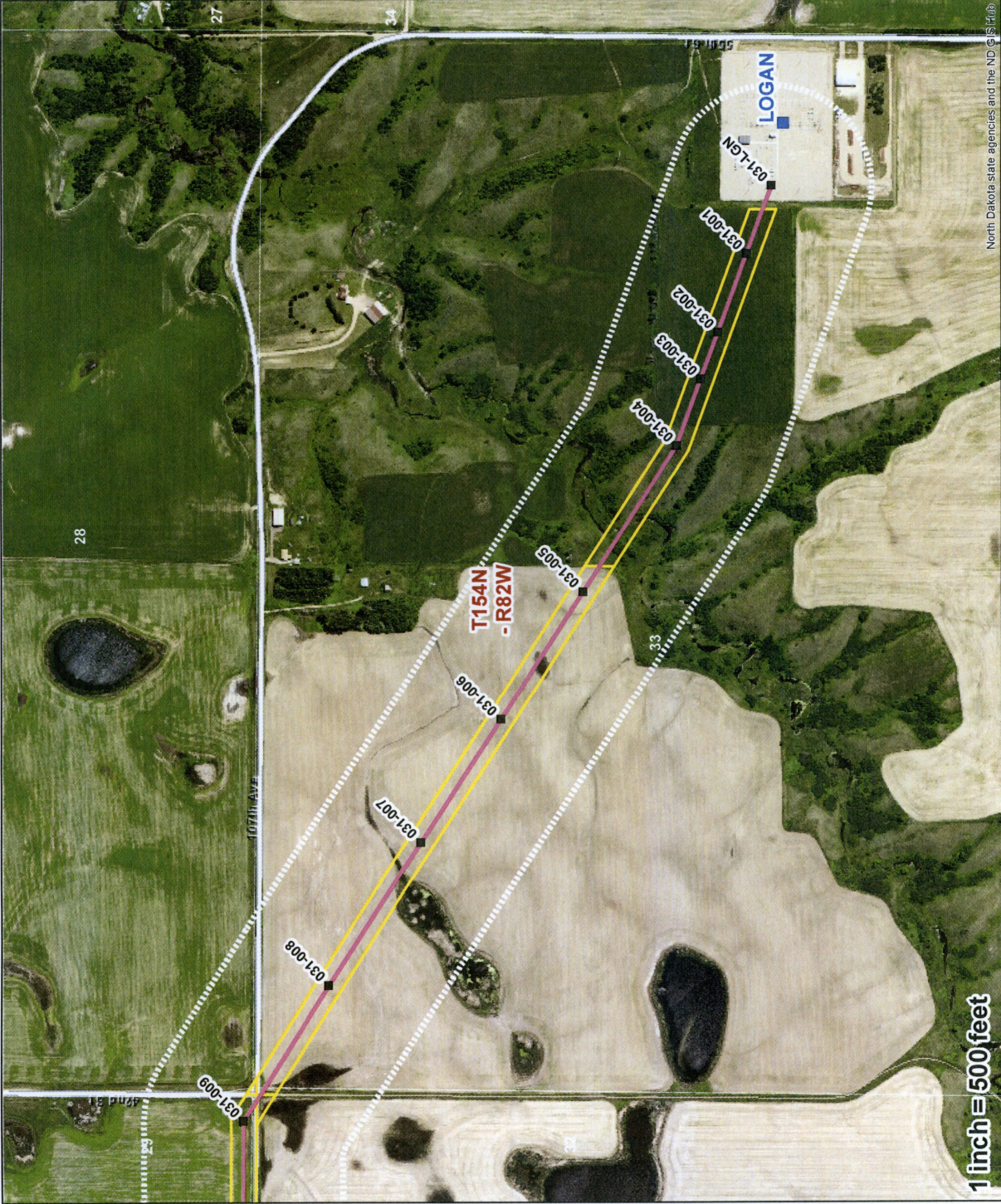
Date: 5/10/2017

### Legend

- New Structure Locations
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- Reconductor Segment
- BEPC Right-of-Way (125')
- 500' Transmission Buffer
- Townships
- Sections



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1 inch = 500 feet

North Dakota state agencies and the ND GIS File

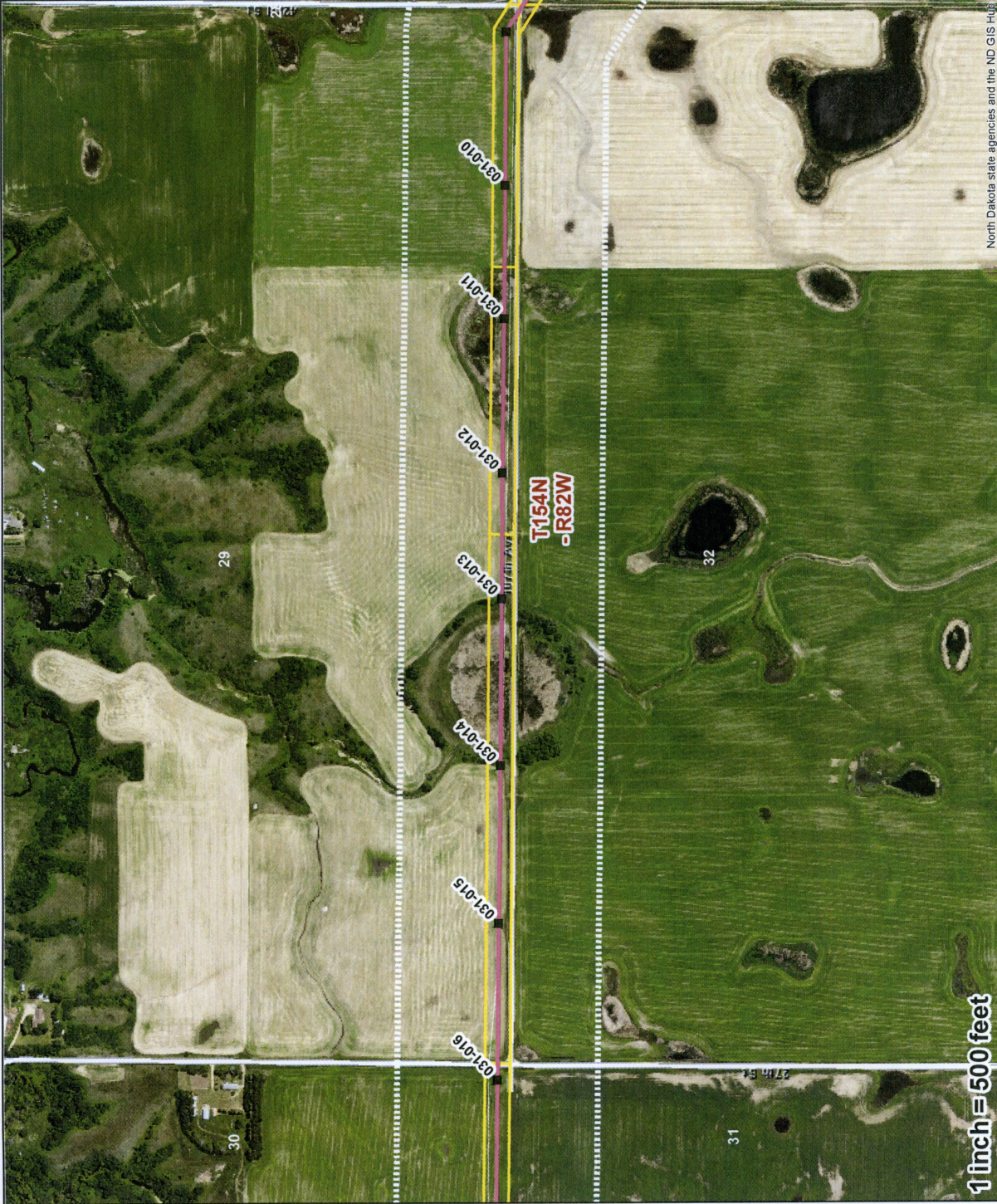
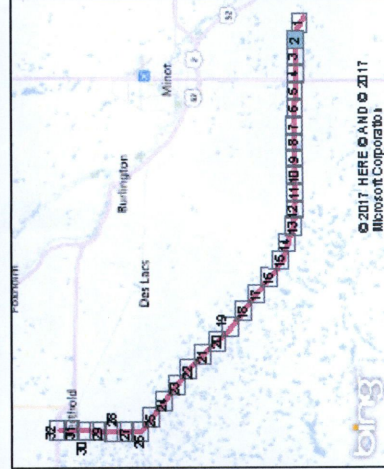
# Basin Electric Line 031 Reconductor Project



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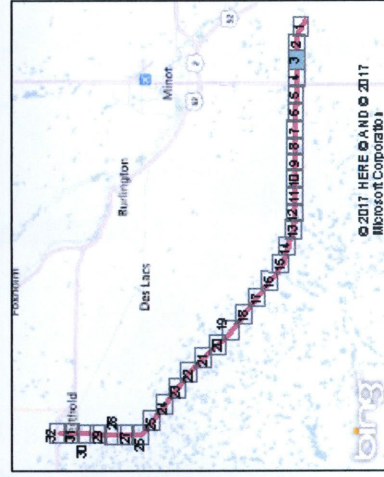


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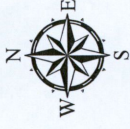
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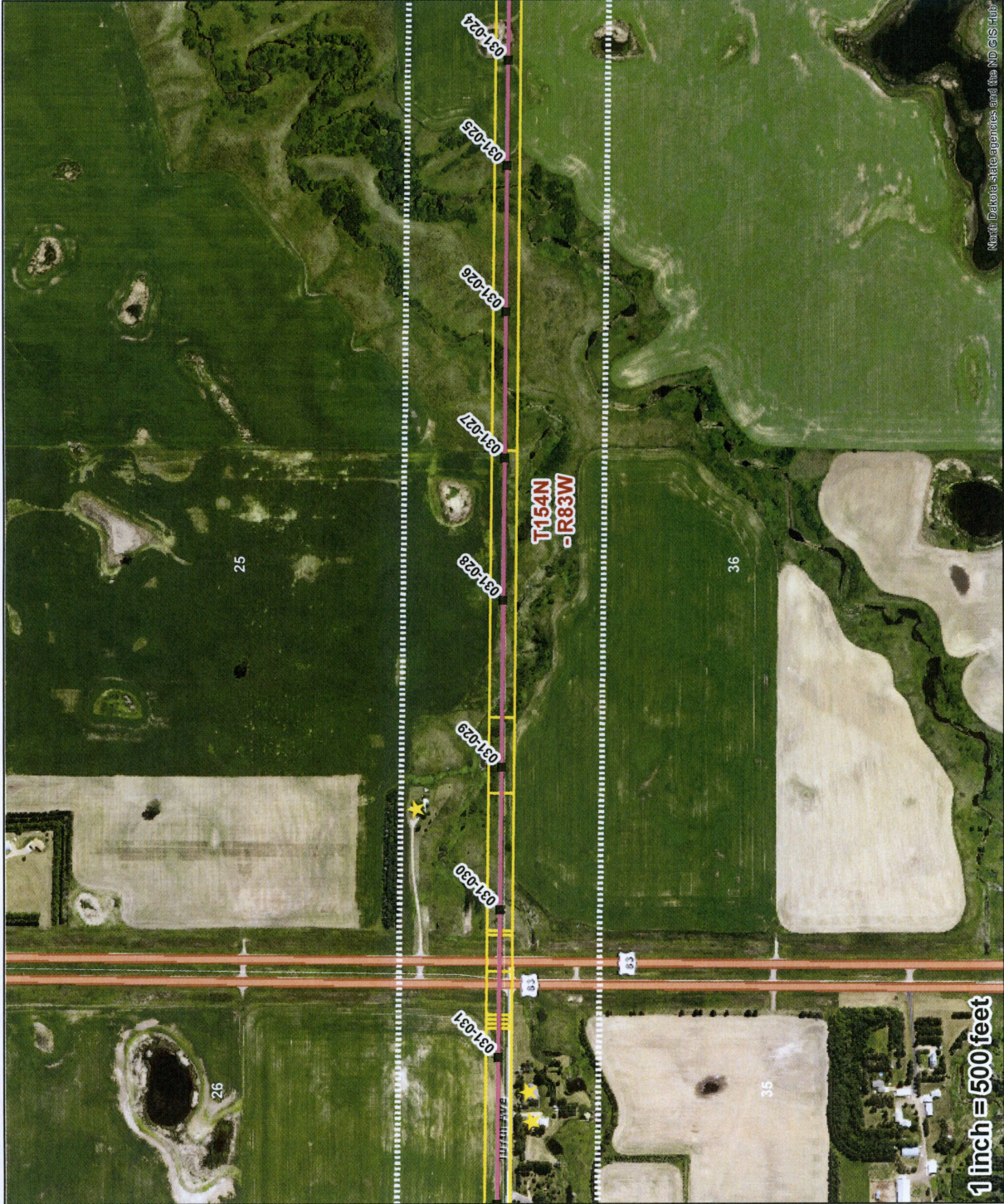


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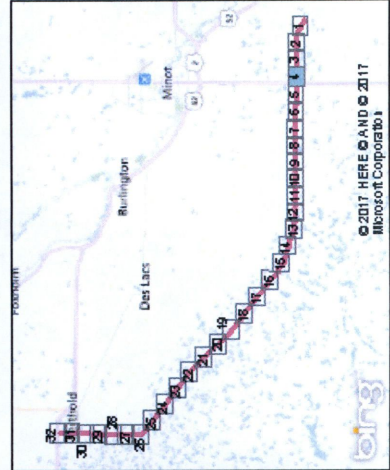
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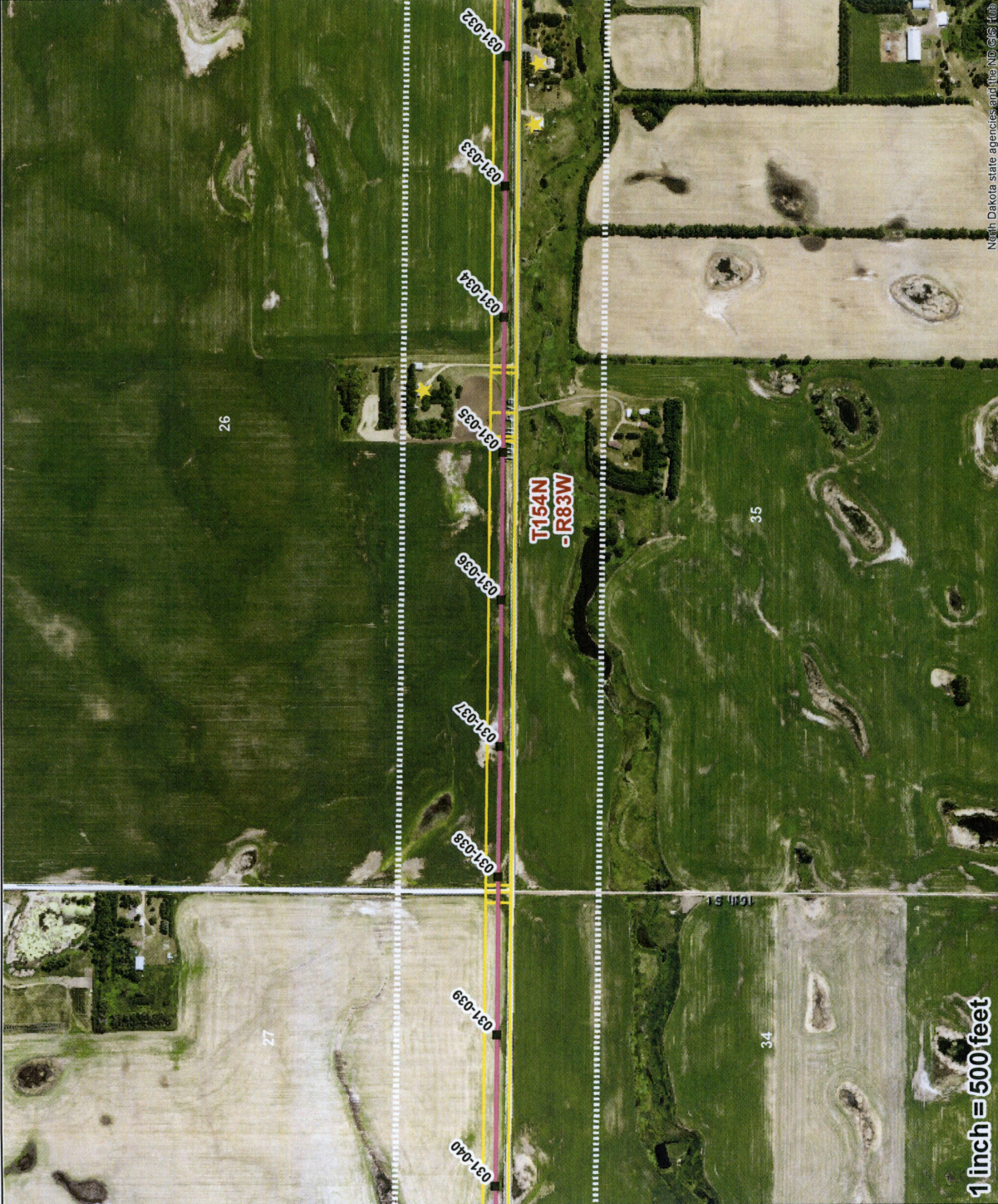


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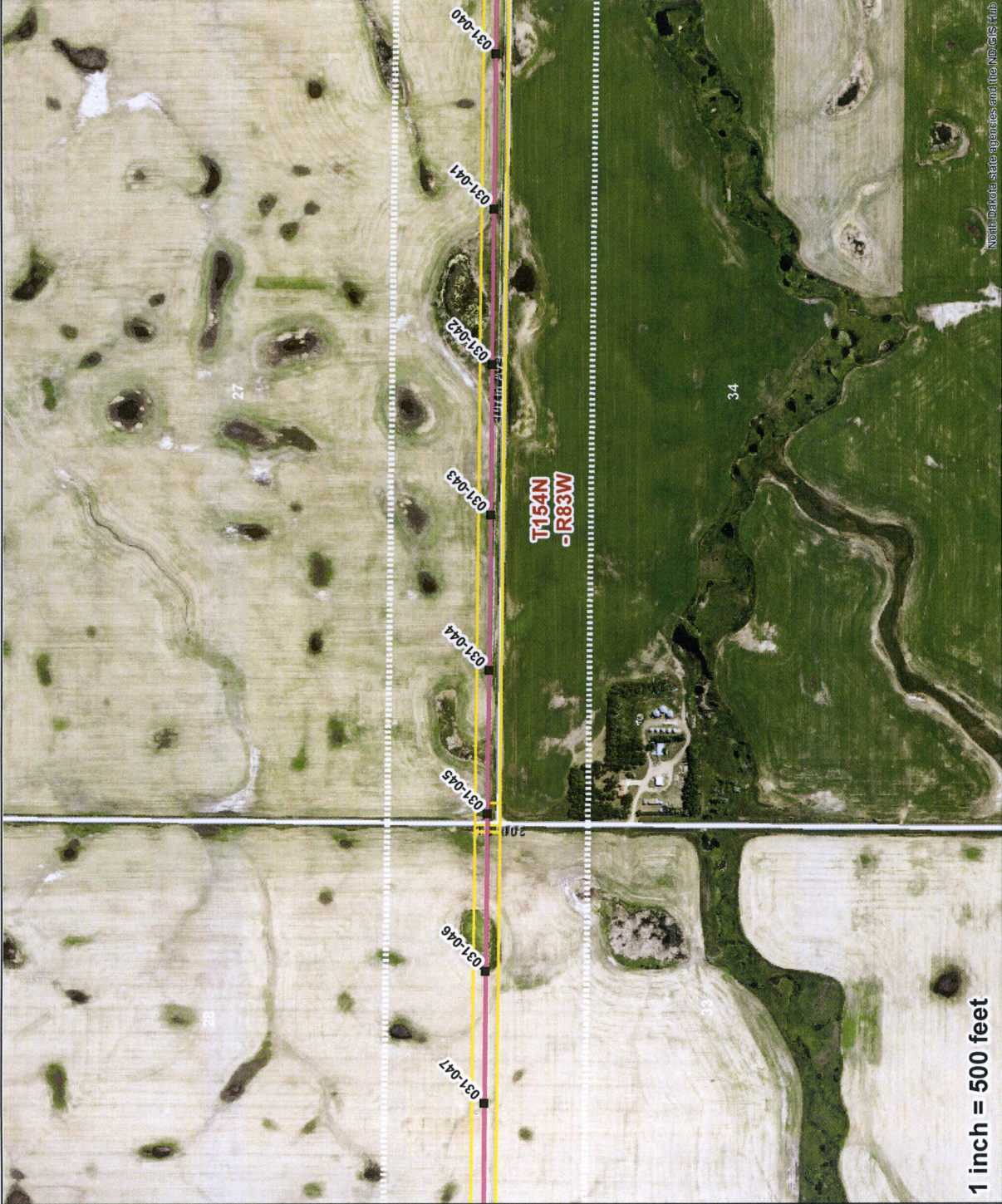


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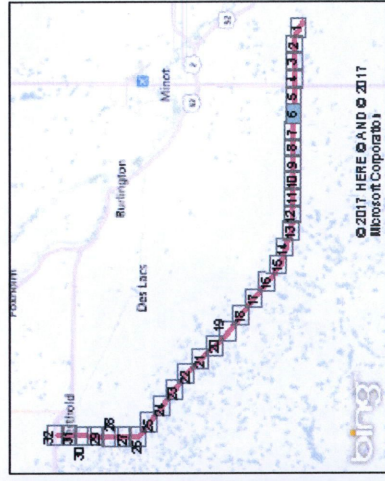
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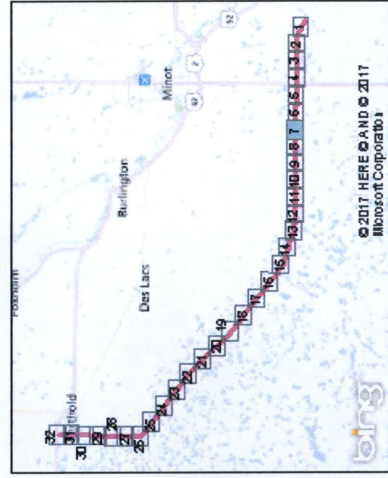
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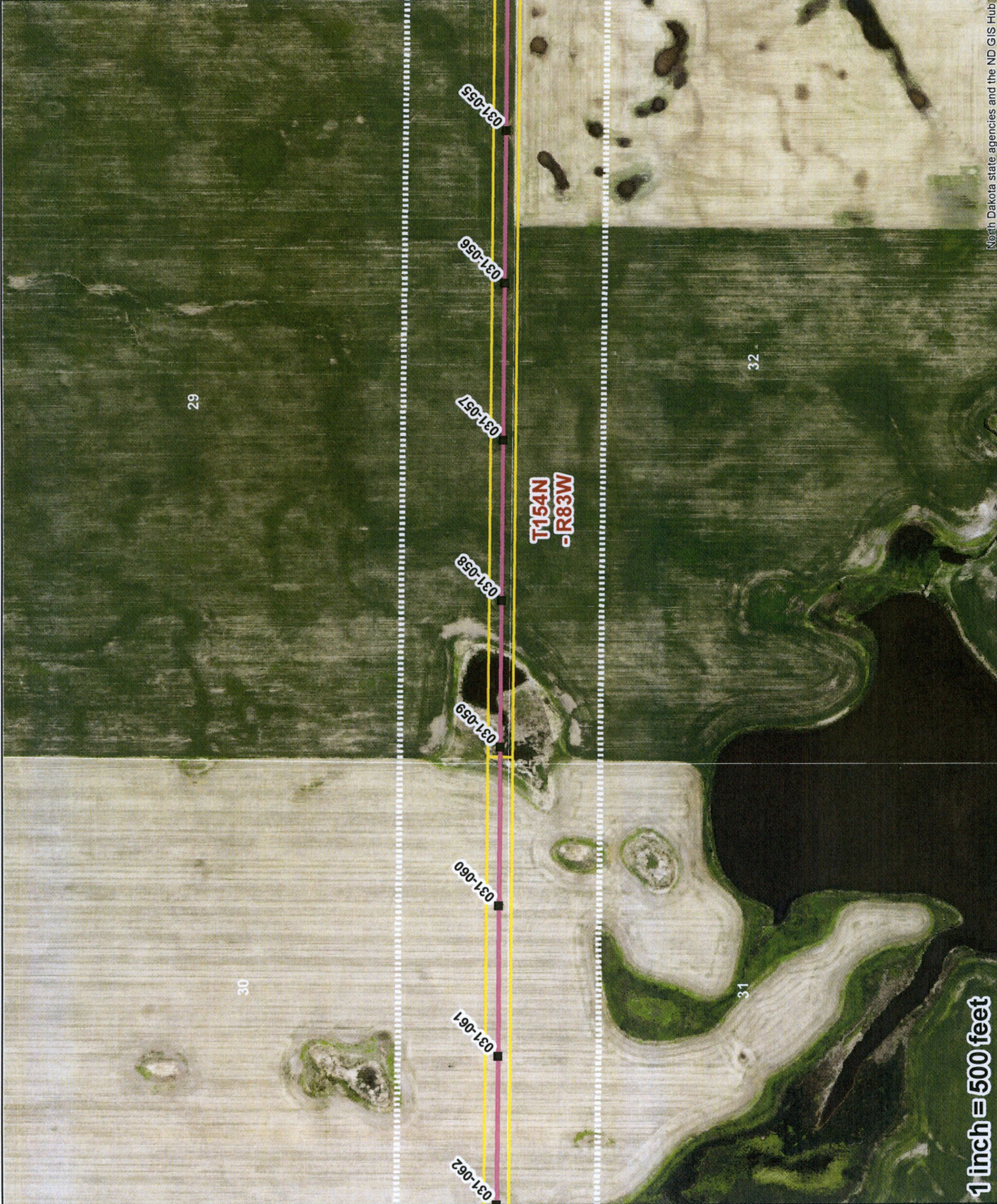
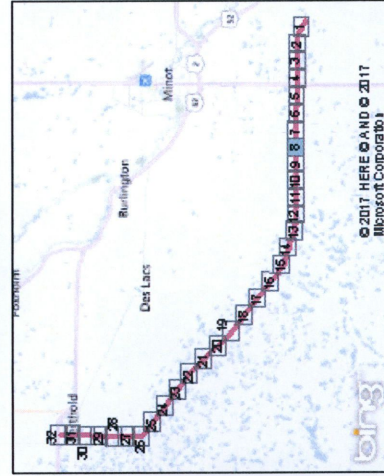


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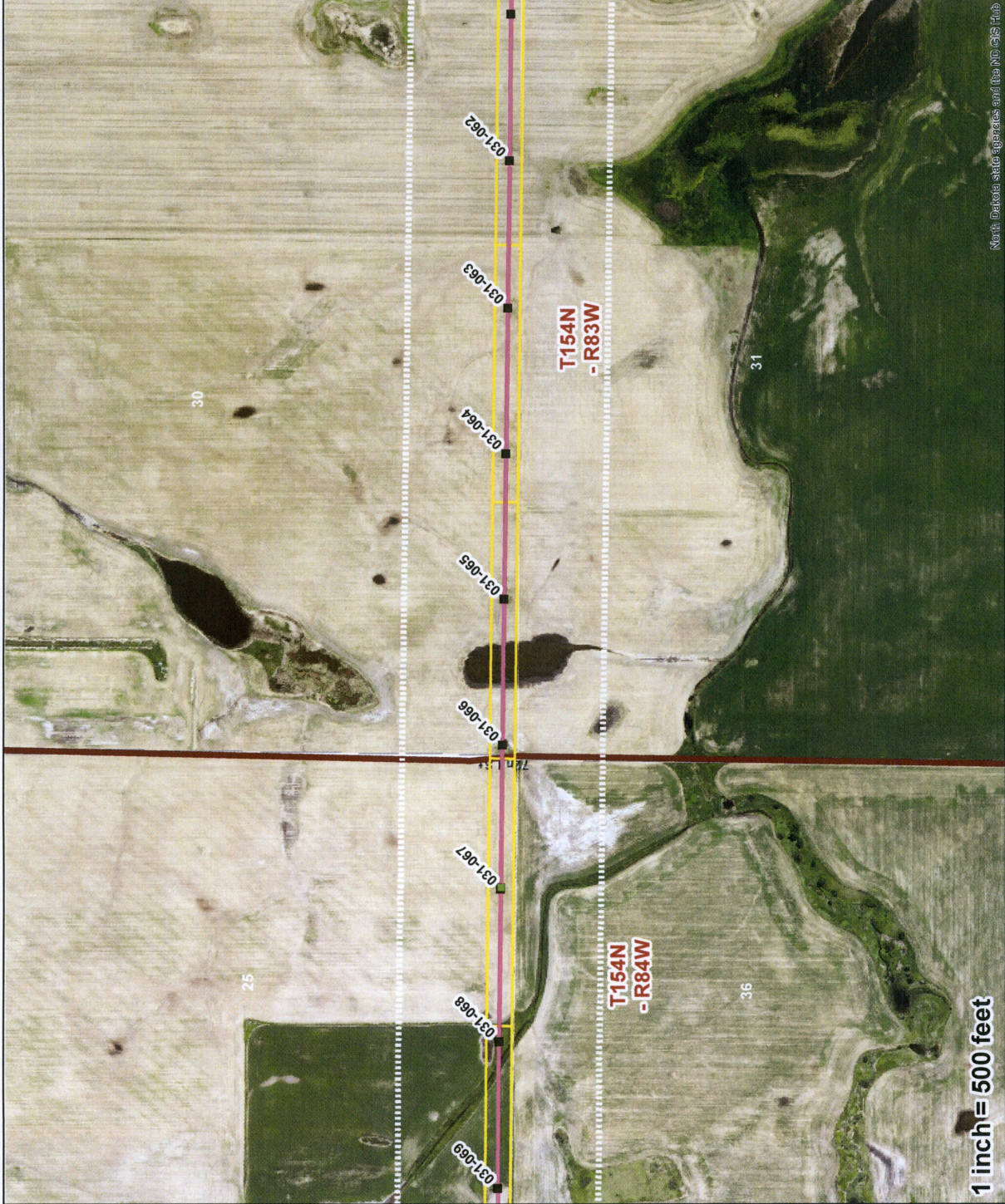


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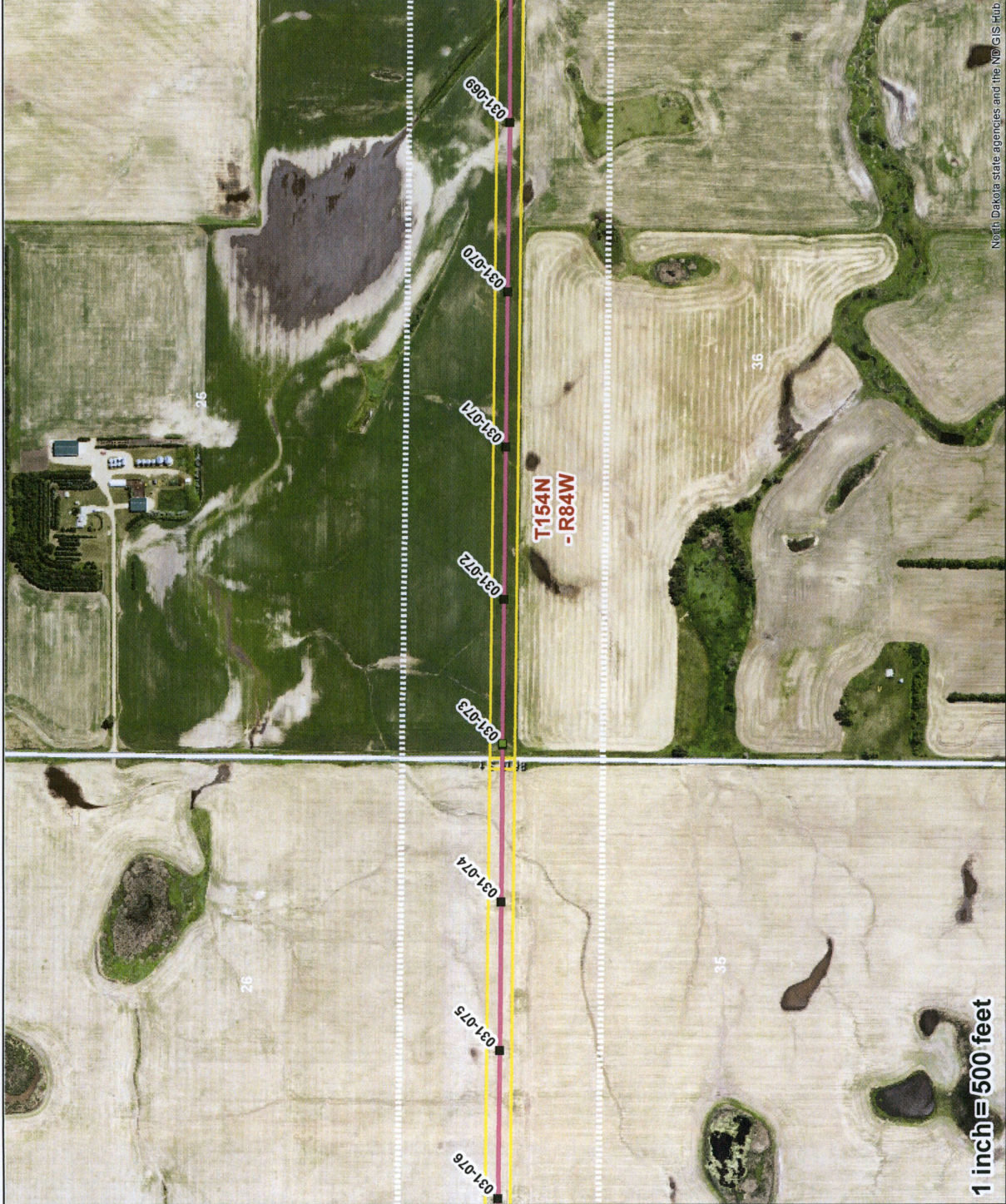
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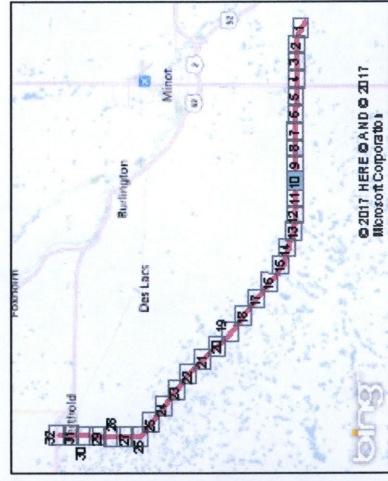
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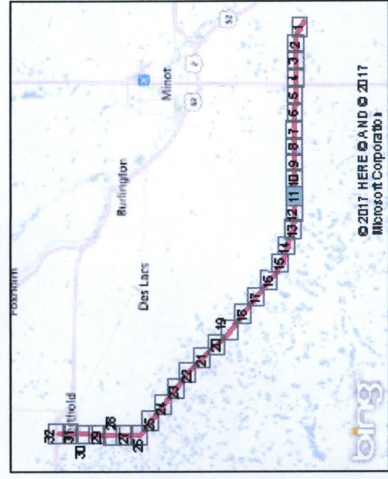
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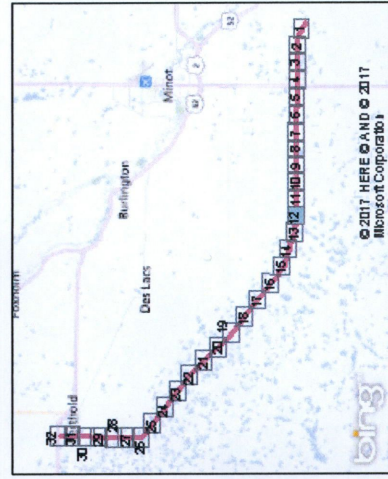
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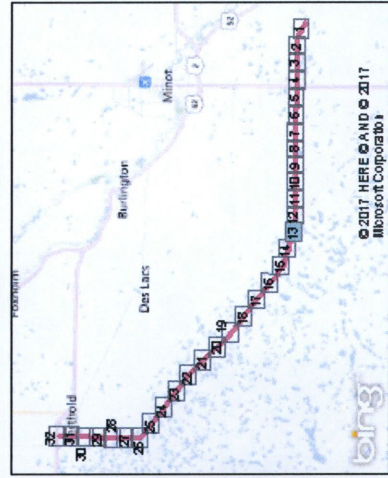
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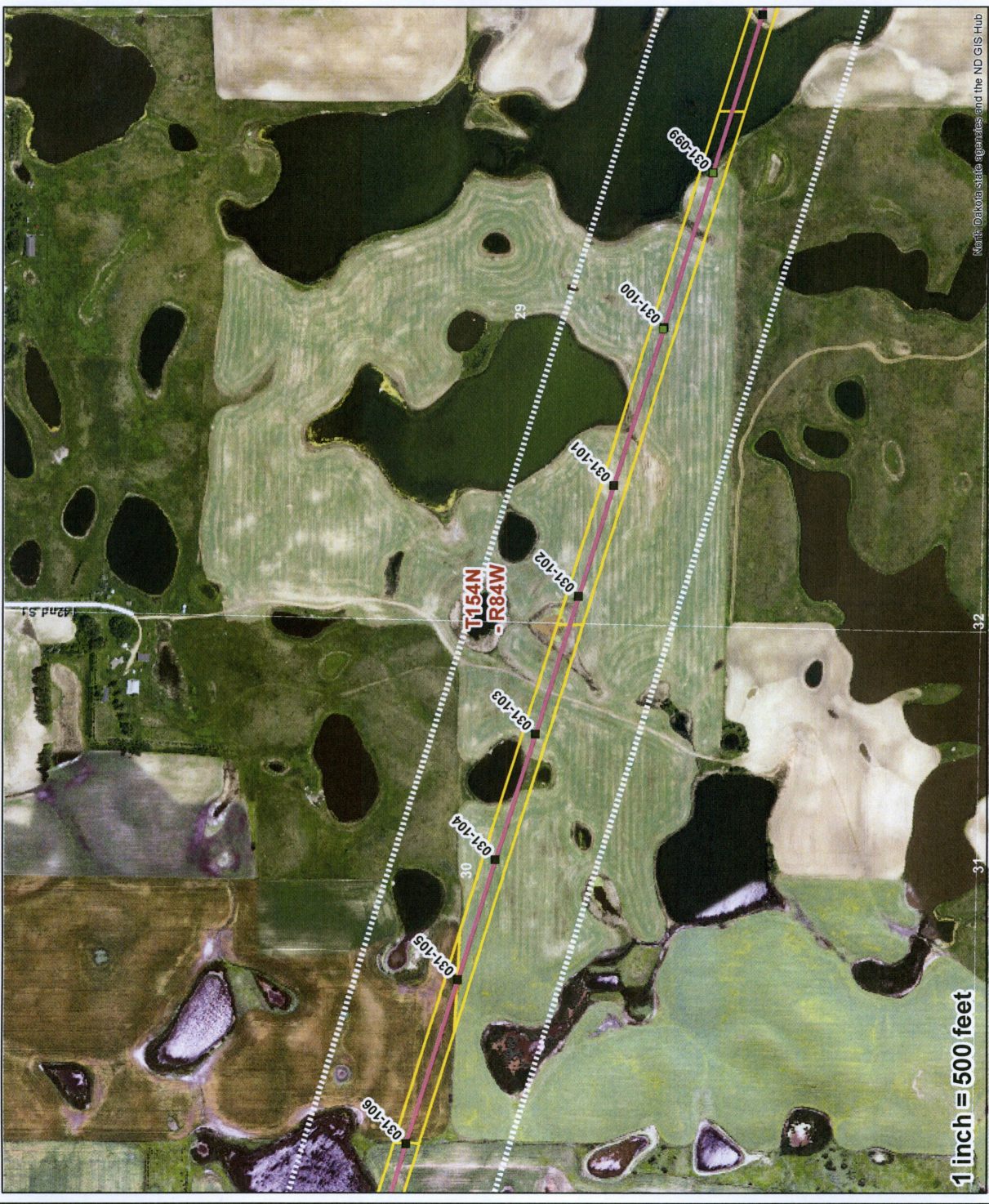
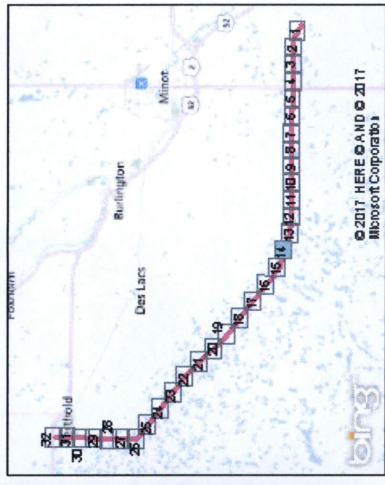
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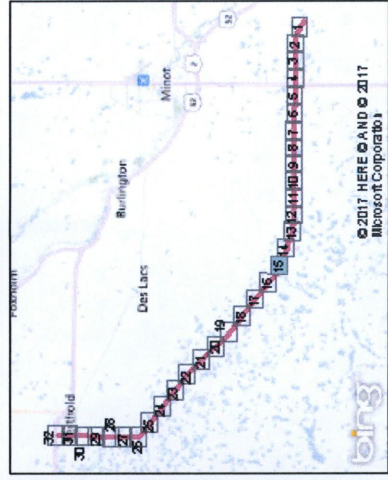
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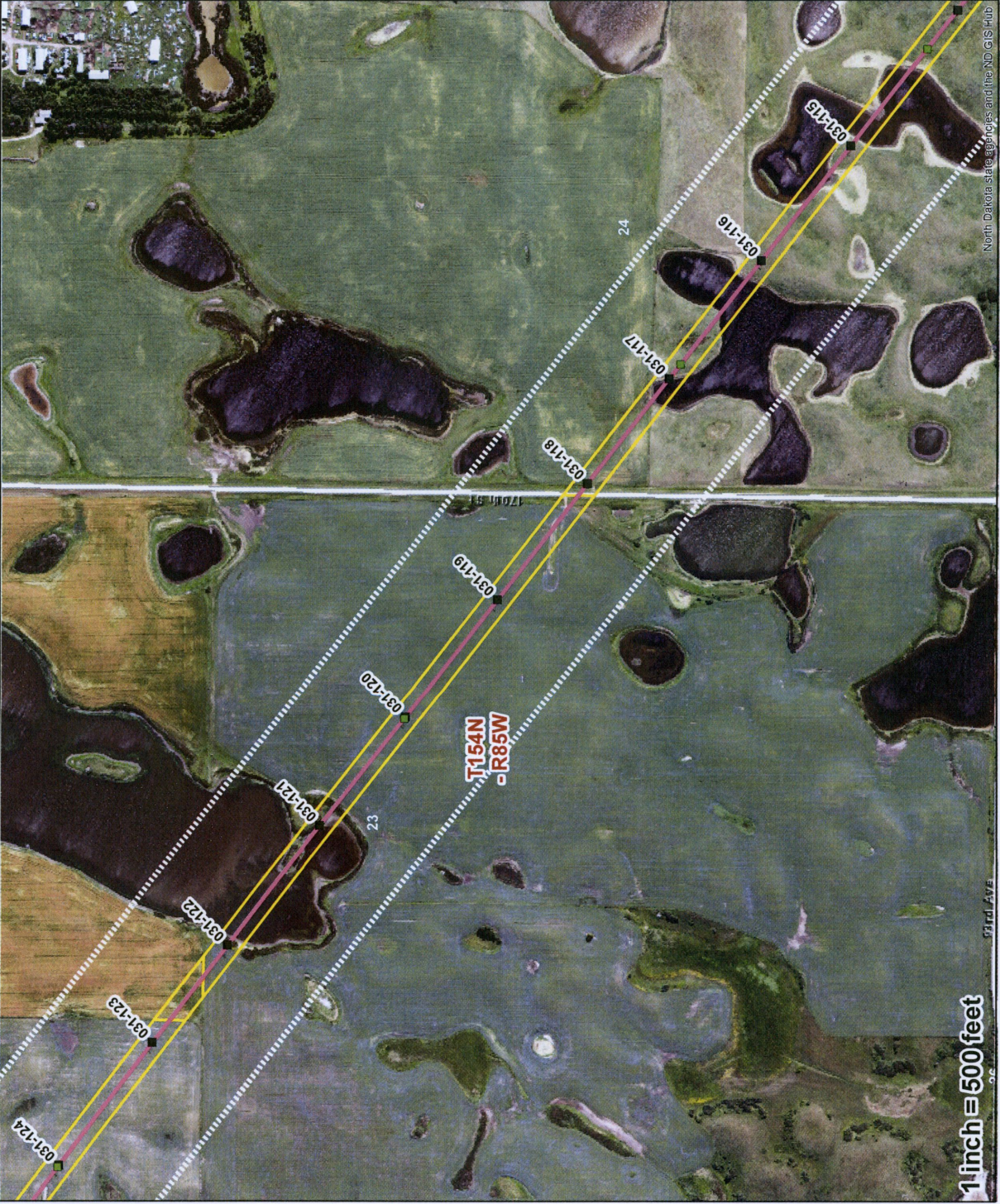
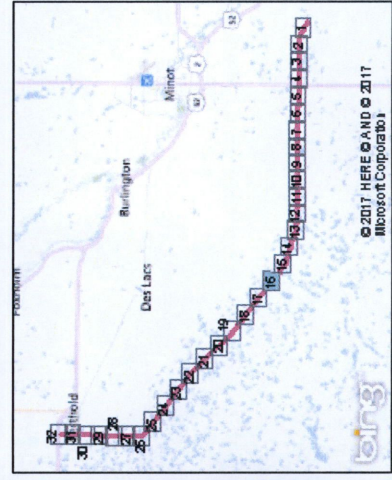


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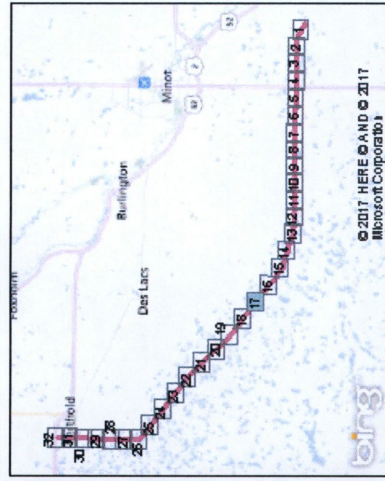


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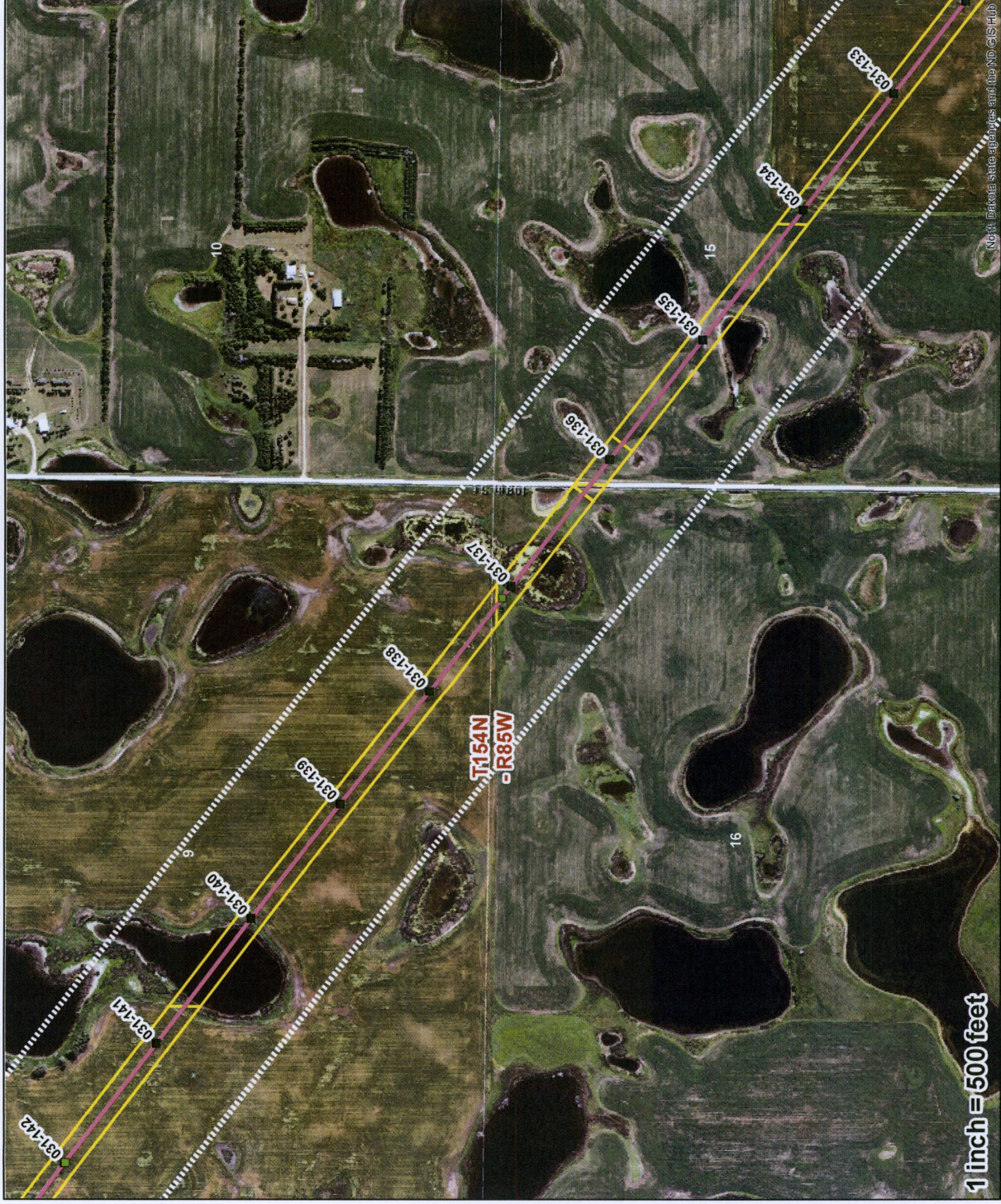


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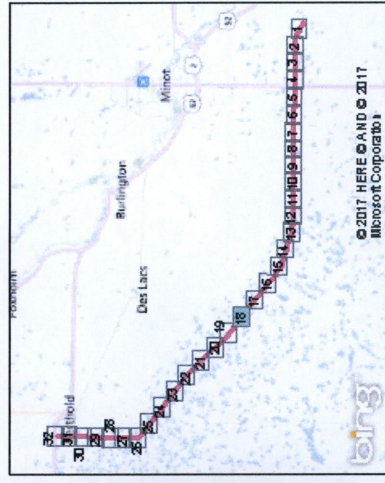
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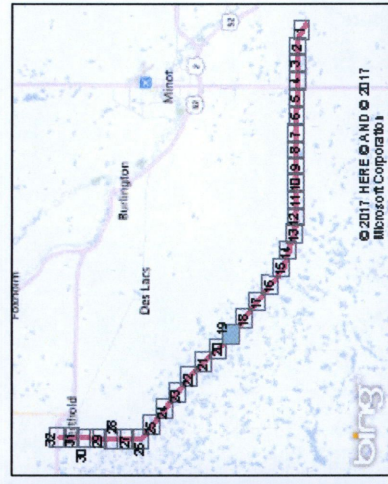


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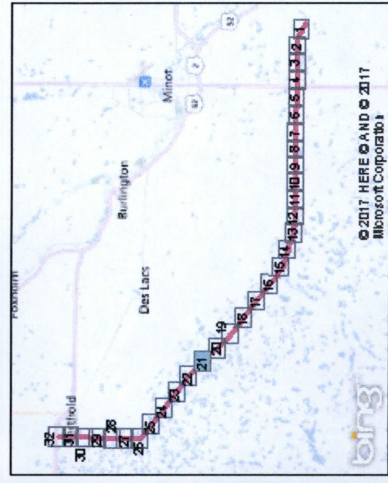


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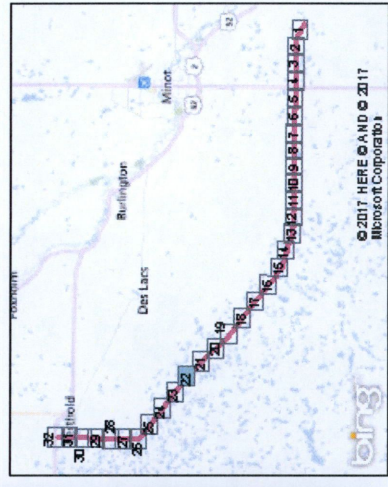


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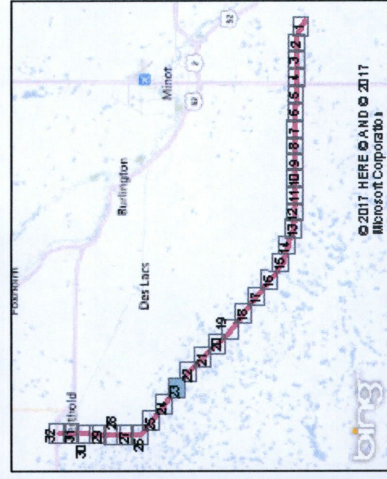


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North: Detrola side garage and the ND GIS Hub

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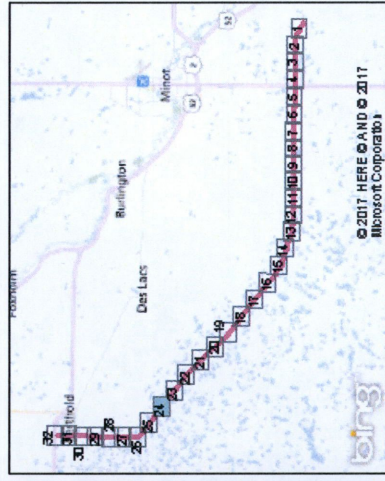
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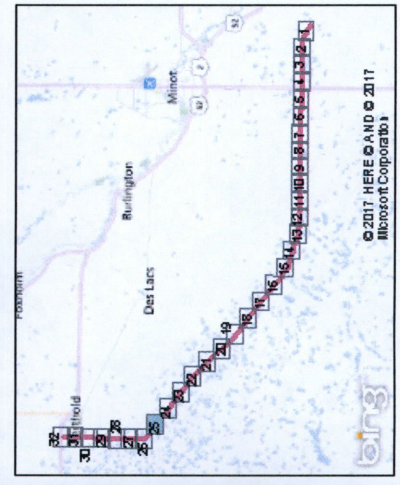
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North Dakota State Agencies and the ND GIS Site

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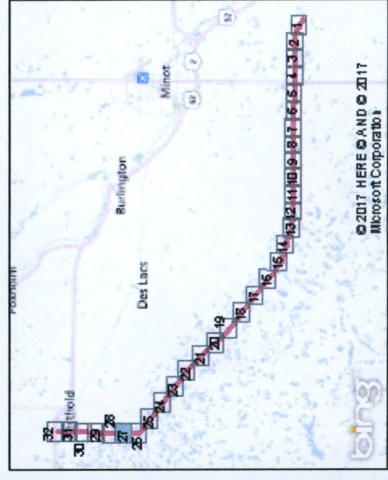
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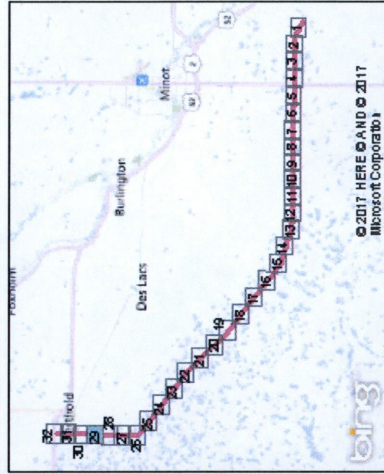
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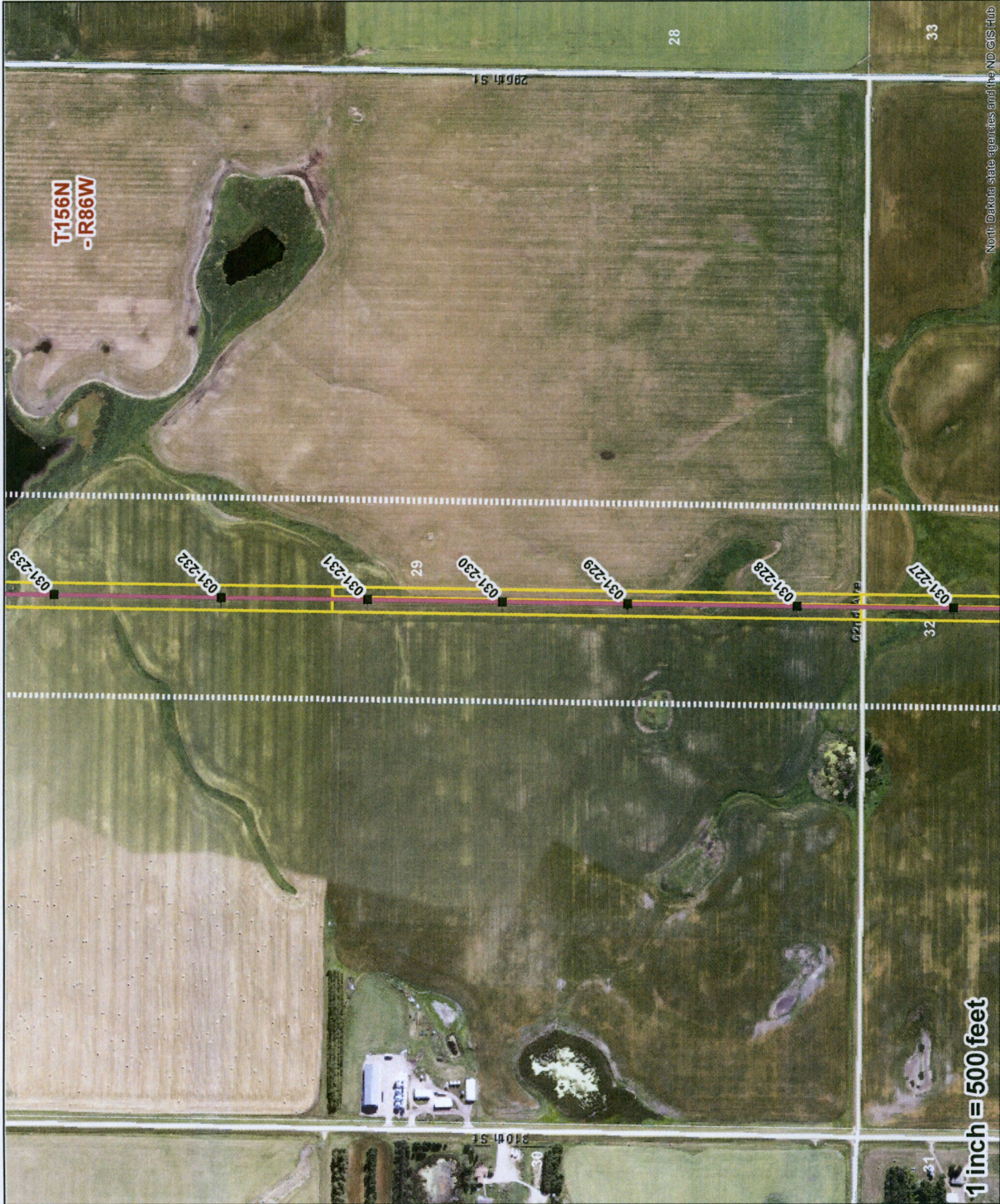


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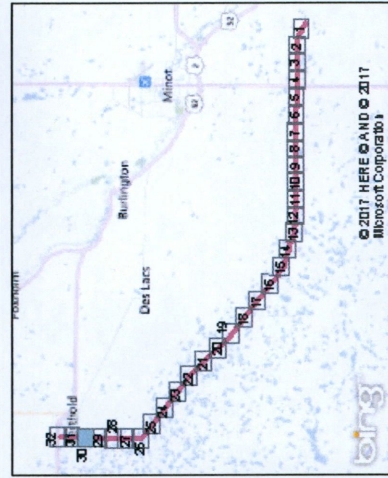
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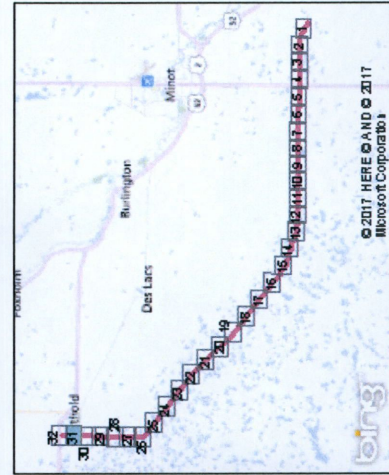
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