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2378 Wilshire Boulevard
Mound, Minnesota 55364

January 2, 2019

Mr. Mike Hybl
Executive Director
Nebraska Public Service Commission
300 The Atrium, 1200 N Street
Lincoln, Nebraska 68508

Subject: Application for Nebraska Universal Service Fund NUSF funding

Dear Mr. Hybl:

Citizens Telecommunications Company of Nebraska ("CTC-Nebraska") is applying for approval to use funds set aside by the Commission in its order in Docket NUSF-99[1] to support a set of projects that will improve the broadband speeds available to customers in CTC-Nebraska's Columbus, Duncan, Edison, Heartwell, and Wilsonville exchanges.

The proposed broadband projects would build additional facilities to increase the transport capacity linking the affected areas with existing facilities in CTC-Nebraska's broadband network, and places new DSLAMs and associated electronics in the affected areas. The projects will impact approximately households, based on information from the 2010 Census. The estimated cost of the projects is $ $2,355,904, and CTC-Nebraska requests that the Commission approve the projects and the reimbursement of these costs.

The construction of the new buried fiber optic cable and associated electronics will allow for the minimum of 4 mbps speed, with faster speeds being available to most of the impacted customers. As shown in Attachment B, the project will enable Frontier to offer 597 households broadband at speeds of 4mbps or better. Of that set of households, the project will enable Frontier to offer 207 households broadband at speeds of 25mbps.

Pricing of the service will be consistent with CTC-Nebraska's pricing of similar services in other Nebraska exchanges. For example, the current price for 12 mbps service is $50 per month and the price for 24 mbps service is $60. A non-recurring installation charge may apply, which can be reduced if the customer agrees to enter a term plan.

Attachment B includes a map of the geographic locations where broadband facilities would be deployed under the proposed project, and the estimated number of households impacted.

The proposed projects would be expected to be completed within 12 months of Nebraska Universal Service Fund NUSF funding approval of this application.

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[1] Order on Reconsideration And Order Releasing Project Check-List, entered on July12, 2016.

If this project is approved, CTC-Nebraska will commit to providing broadband service to all households in the project area for five years.

Plant installed through this project will be depreciated in accordance with the rates approved by the Commission in a November 19, 2018 order.

CTC-Nebraska requests the Commission's approval of this project.

If you have questions relating to this matter, I can be contacted at (952) 491-5534, or at scott.bohler@ftr.com.

Very truly yours,

Scott Bohler

Scott Bohler

Manager, Government and External Affairs
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Attachments:
A) Affidavit
B) Summary of projects
C) Maps of affected areas
D) Census Block Listing for all three exchanges
E) Spreadsheet that identifies the detailed breakdown of the cost elements for the project
F) Depreciation rate order

Attachment A

Affidavit

The area of the proposed project is ineligible for CAF II funding.

Based upon review of information from the Nebraska State Broadband Mapping Project, comparable broadband service is not currently available in most of the proposed project area.

To the best of my knowledge, all the information included in this filing is truthful and accurate.

SIGNED:

Scott Bohler

Scott Bohler
Manager, Government and External Affairs
Citizens Telecommunications Company of Nebraska

Subscribed and sworn to before me this 2nd day of January, 2019
In the County of Hennepin, Minnesota.

Barbara M. Matson

Notary Signature

BARBARA MARIE MATSON
Notary Public-Minnesota
My Commission Expires Jan 31, 2022

Attachment B

Nebraska USF Funding Project Description

The proposed project would build out additional facilities to provide broadband internet access in five Frontier exchanges to approximately five-hundred ninety-seven (597) unserved and/or underserved homes and businesses. These builds are in the Columbus, Duncan, Edison, Heartwell, and Wilsonville serving areas. Frontier intends to complete the expansion of services through five sub-projects, one for each exchange, as described in the table below.

Table 1: Build Project Descriptions

Exchange (Site CLLI)	Project Description	Impacted HHs/ Businesses
Columbus Remote (CLMBNEDG)	• Fiber build of 1000 feet extending existing fiber system from Columbus Main CO to the WHY30 remote cabinet • Transport connectivity equipment upgrades • Installation of new DSLAM at the remote	59
Duncan Remote (DNCNNEAA)	• Fiber build of 30,000 feet extending existing fiber system from the Clear Lake Remote site in the Columbus exchange to the Duncan Lakes Remote site in the Duncan exchange • Transport connectivity equipment upgrades • Installation of new DSLAM at the Duncan Lake Remote	159
Edison CO (EDSNNEXH)	• Inter-office Fiber build from the Beaver City CO to the Edison CO • Transport connectivity upgrades at both COs • Installation of a new DSLAM in the Edison CO	134
Heartwell CO (HRWLNEXH)	• Inter-office fiber from the Kearney South Central Remote CO to the Heartwell CO • Transport connectivity upgrades at both COs • Installation of a new DSLAM at the Heartwell CO	100
Wilsonville CO (WIVLNEXG)	• Inter-office Fiber build from the Beaver City CO to the Wilsonville CO • Transport connectivity upgrades at both COs • Installation of a new DSLAM in the Wilsonville CO	145

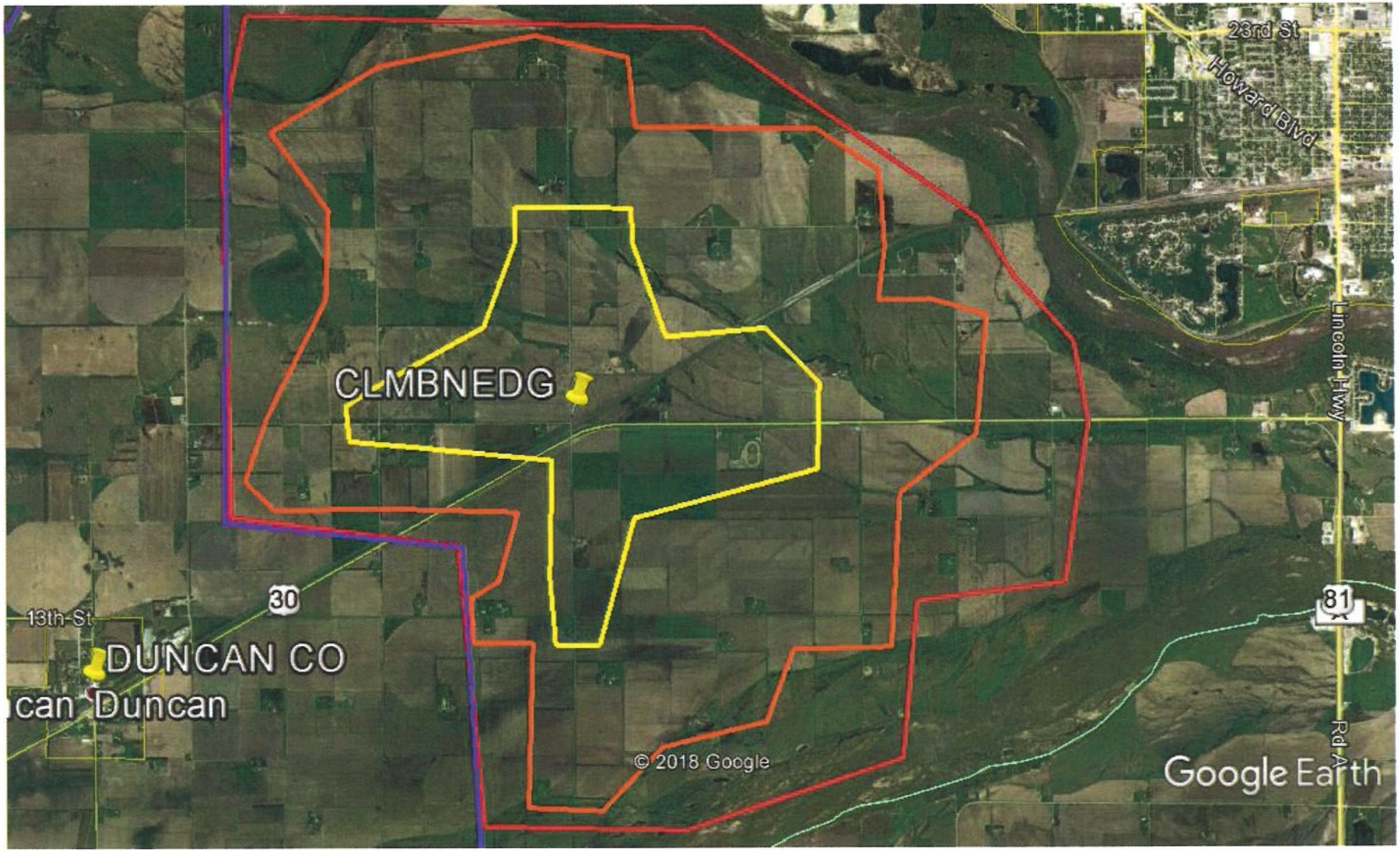
After the builds are is completed, Frontier expects to provide internet access at the following minimum speeds to the numbers of households/businesses indicated in the table below.

Table 2: Internet Download Speeds and Household Counts

		Household/Business Maximum Download Speed Counts						
Exchange Name	Site CLLI	4 Mbps	6 Mbps	12 Mbps	15 Mbps	20 Mbps	24 Mbps	25 Mbps
COLUMBUS	CLMBNEDG	59	42	22	8			
DUNCAN	DNCNNEAA	159	156	147	147	146	144	140
EDISON	EDSNNEXH	134	130	129	127	61		
HEARTWELL	HRWLNEXH	100	95	81	77	73	71	67
WILSONVILLE	WIVLNEXG	145	136	132	127	34		

Attachment C

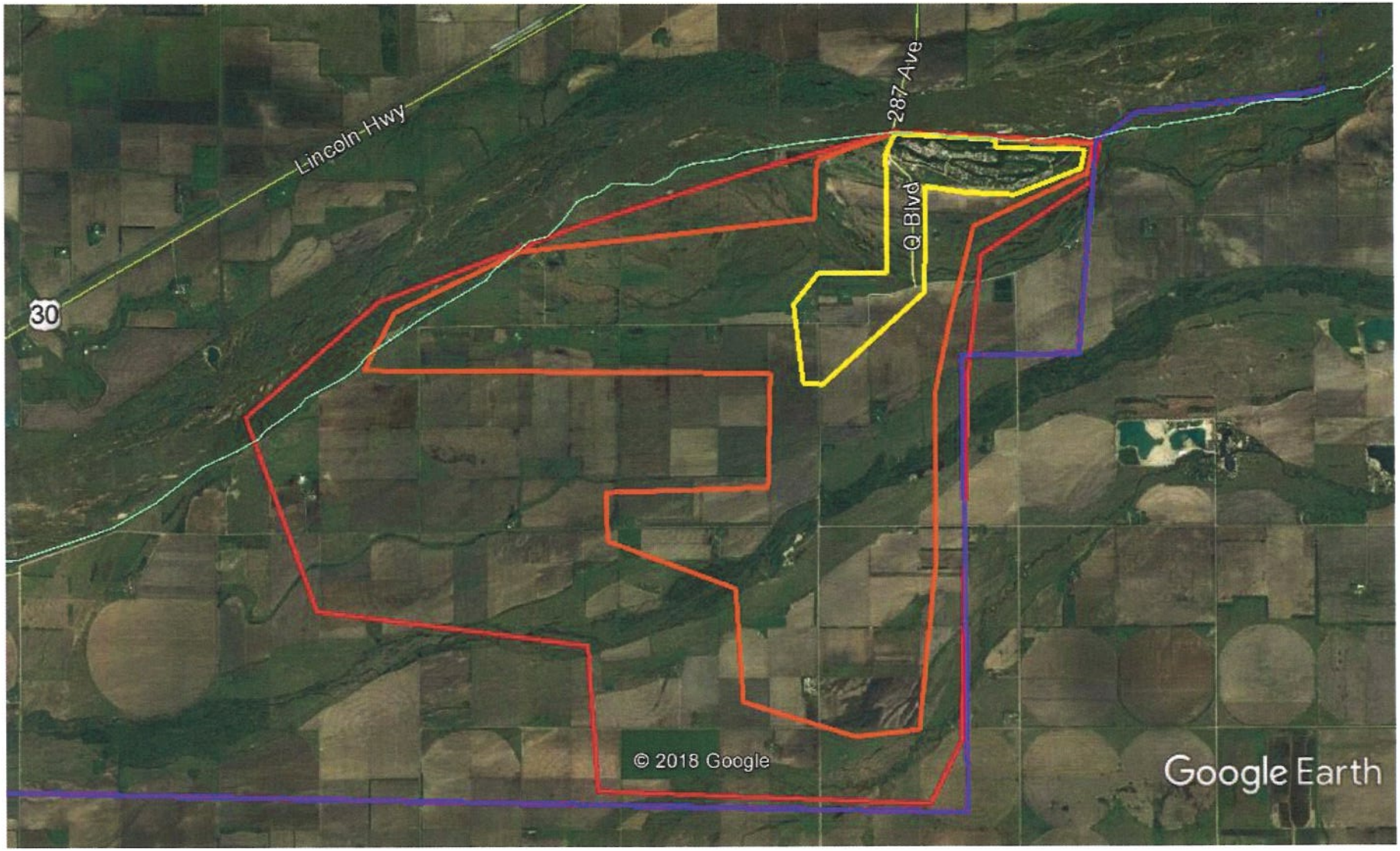
Contours on the maps show the areas that would receive various speeds:
4 Meg – Red contour
10 Meg – Orange contour
25 Meg – Yellow contour
Wire center boundary shown in purple.



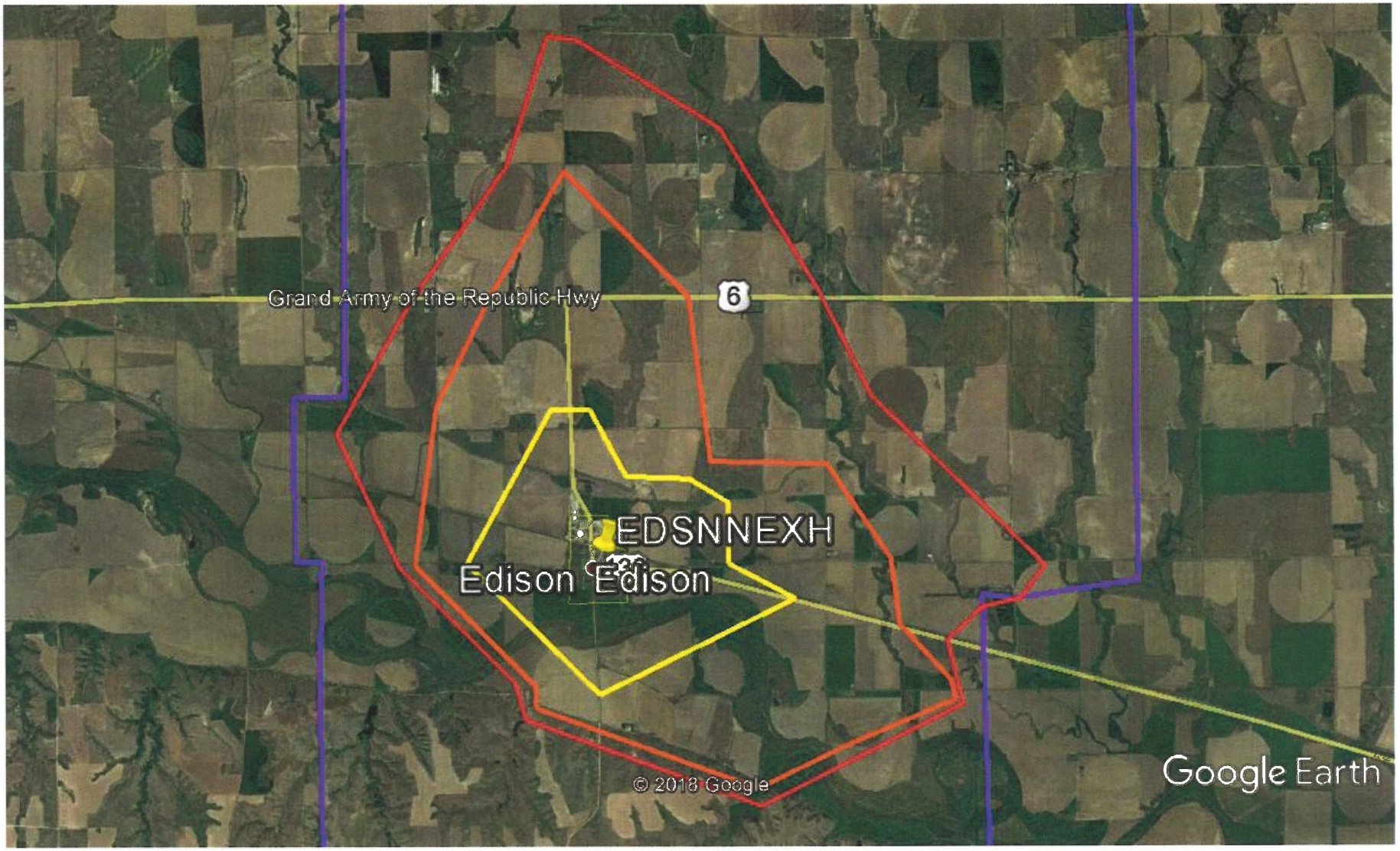
Google Earth

miles 4
km 7

Columbus exchange areas



Duncan exchange areas



Google Earth

miles 6
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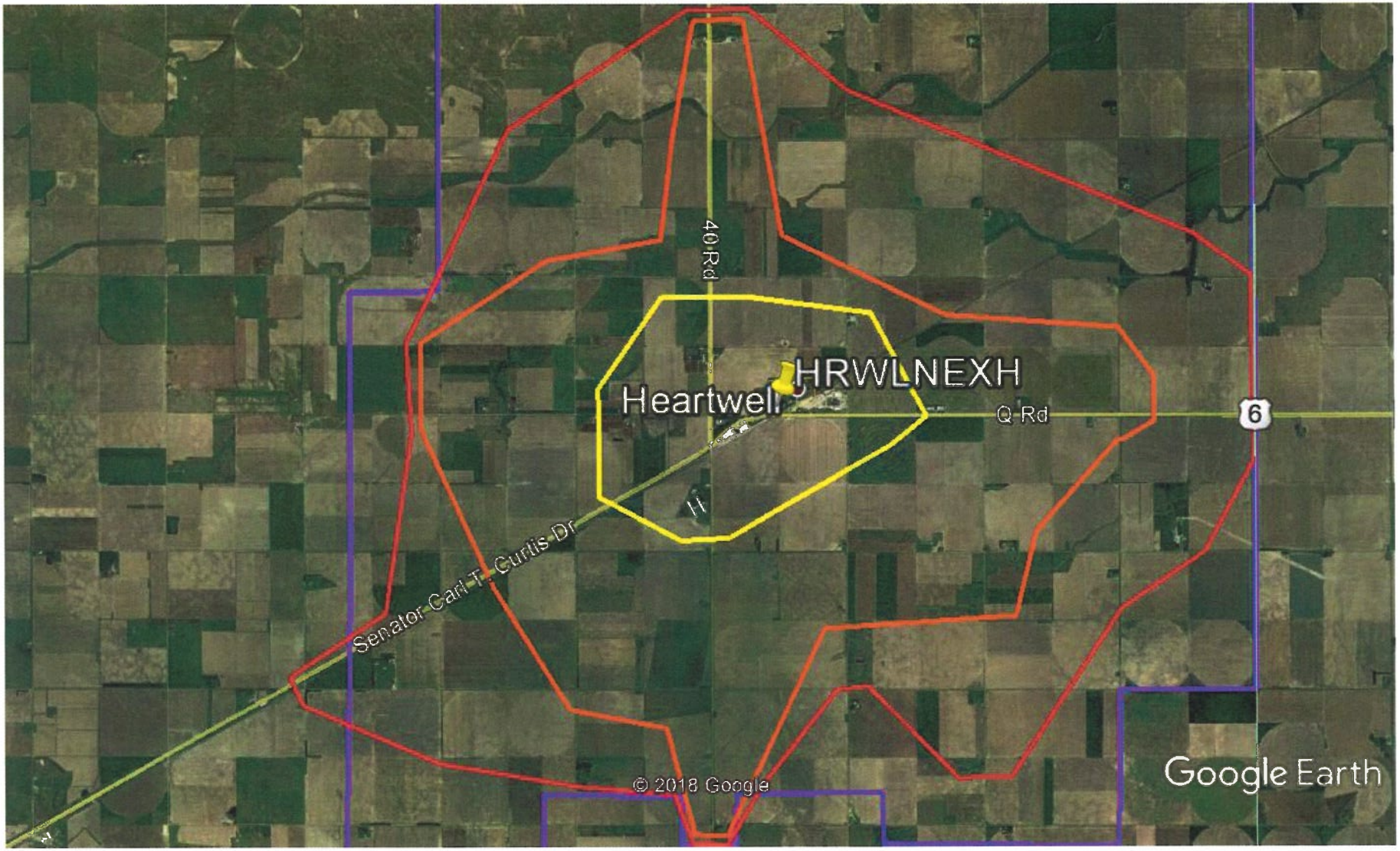
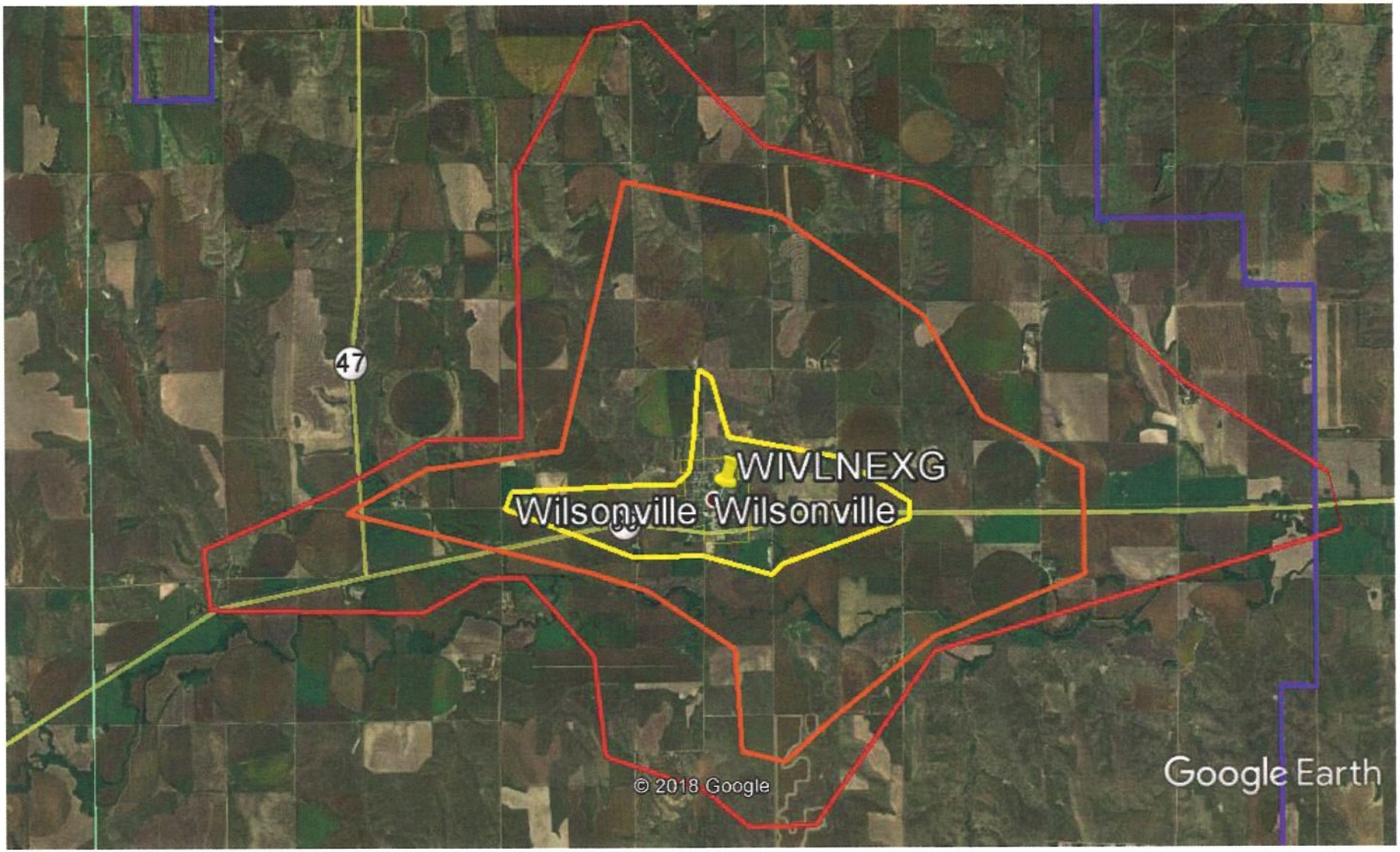
Edison exchange areas



Heartwell exchange areas



Google Earth

miles 6
km 10

Wilsonville exchange areas