

ORDINANCE NO. 3805

AN ORDINANCE OF THE CITY OF DODGE CITY, KANSAS AMENDING THE OFFICIAL ZONING MAP OF THE CITY, CHANGING THE PROPERTY LOCATED AT 706 THIRD AVENUE, A PORTION OF LOT 1 OF ORIGINAL TOWNSITE OF DODGE CITY, FORD COUNTY, KANSAS, FROM C-1 COMMERCIAL DOWNTOWN TO C-2 COMMERCIAL HIGHWAY.

BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF DODGE CIY, KANSAS:

SECTION 1: The following described real property located in Dodge City, Ford County, Kansas is hereby rezoned:

A tract of land in Lot 1, Block 19, Original Townsite of Dodge City, Ford County, Kansas described as follows:

Beginning 140 feet North of the Southwest corner of Lot 1, Block 19, Original Townsite; Thence North 60 feet; Thence East 117 ½ feet; Thence South 60 feet; Thence West 117 ½ feet to the place of beginning, according to the recorded Plat thereof;

And

East 58 feet, 9 inches of the North 100 feet of Lot 1, Block 19, Original Townsite, according to the recorded Plat thereof.

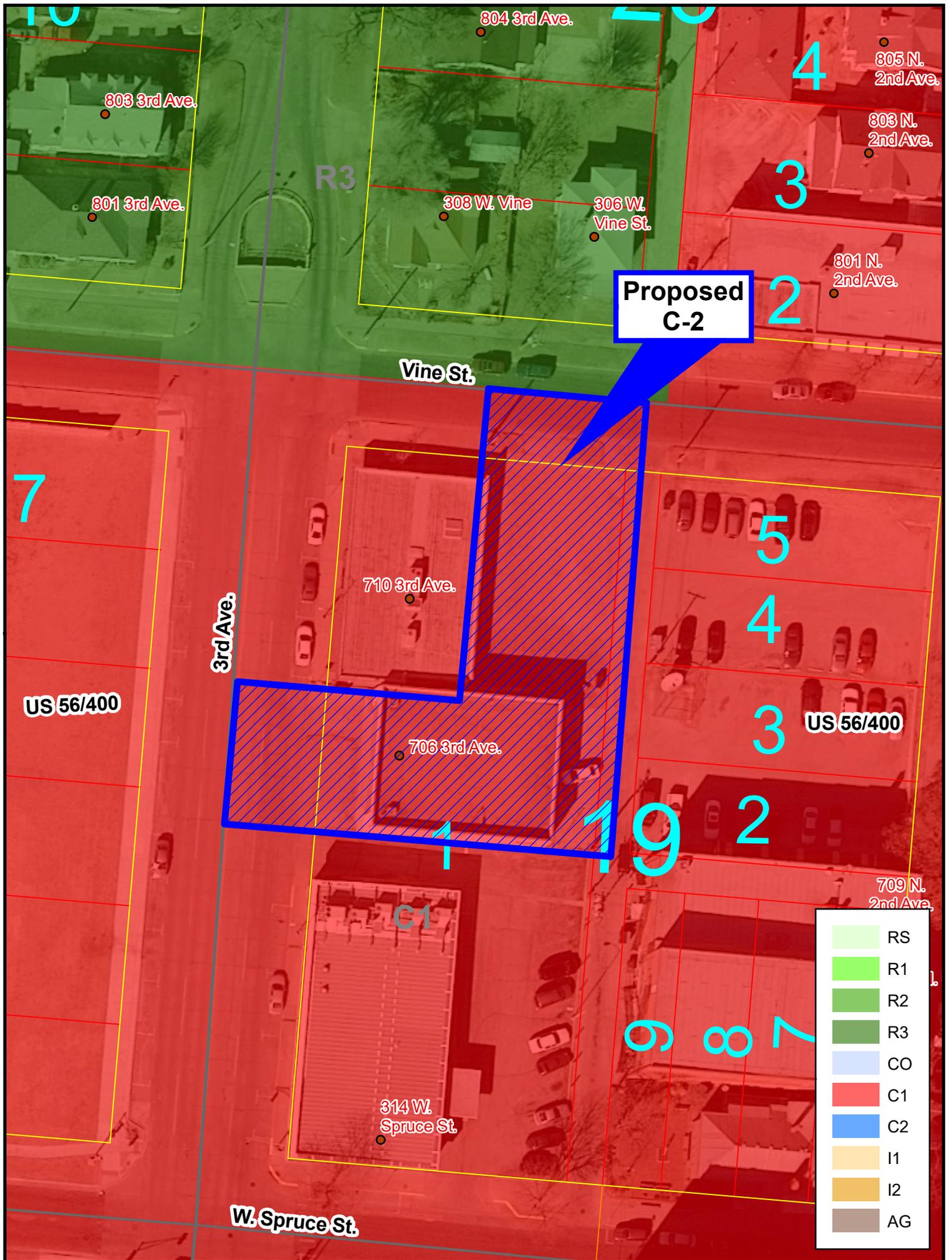
SECTION 2: This ordinance shall take effect, from and following its publication in the official paper, as required by law.

PASSED BY THE CITY OF DODGE CITY GOVERNING BODY, IN REGULAR SESSION AND APPROVED BY THE MAYOR, THIS SIXTH DAY OF NOVEMBER, 2023.

MICHAEL BURNS, MAYOR

ATTEST:

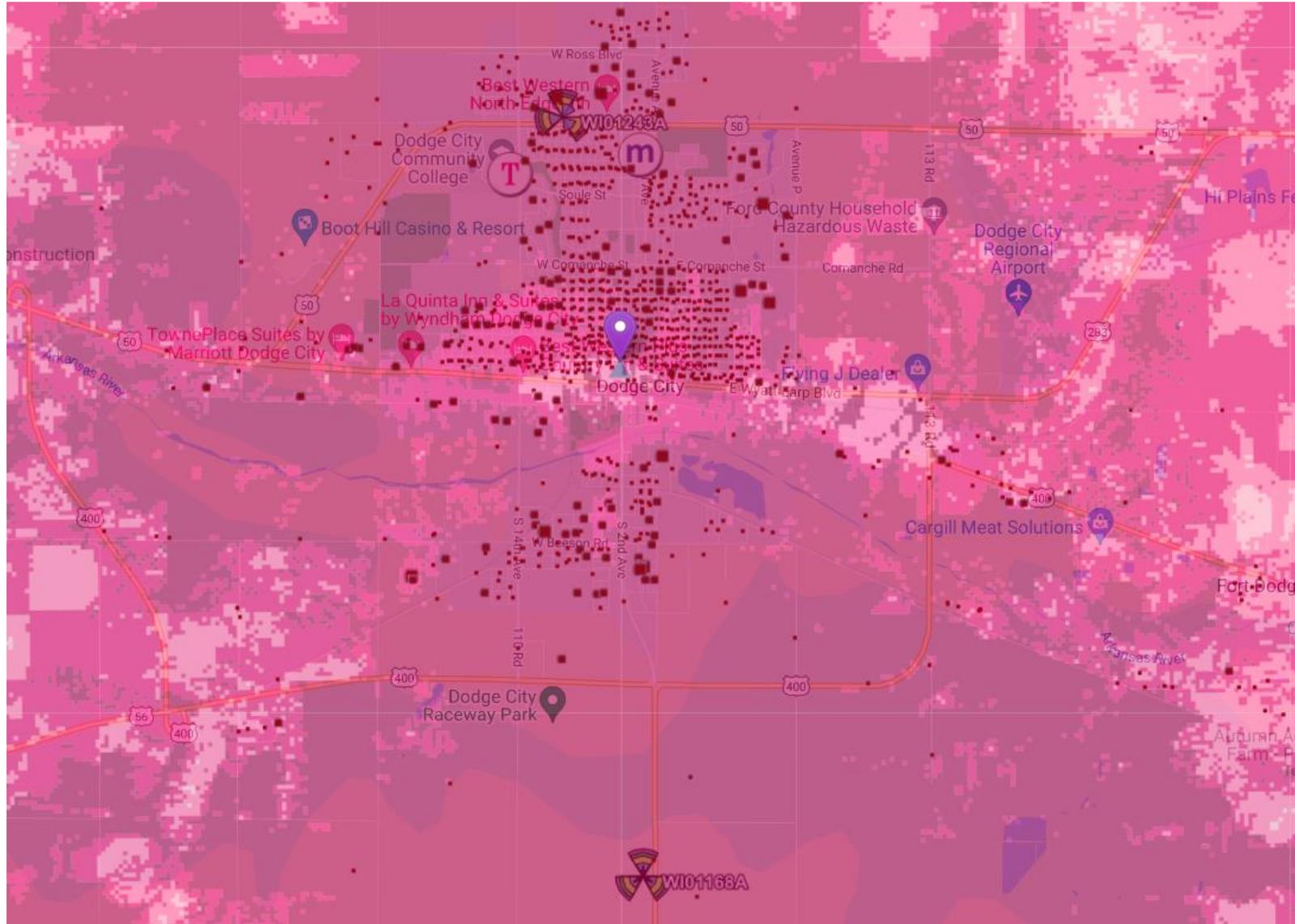
CONNIE MARQUEZ, CITY CLERK



**Proposed
C-2**

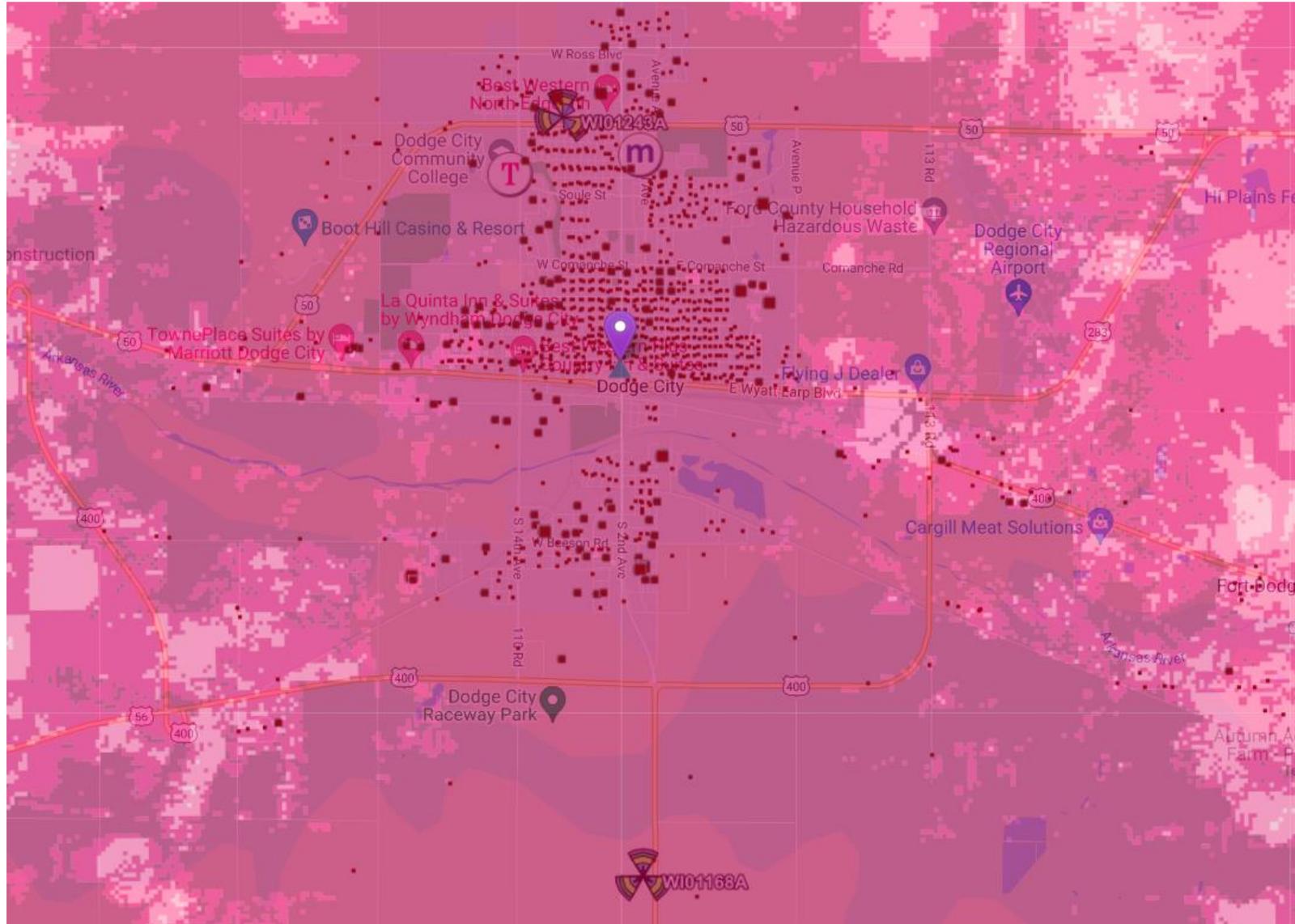
	RS
	R1
	R2
	R3
	CO
	C1
	C2
	I1
	I2
	AG

4G (LTE) Coverage Before WI01582B



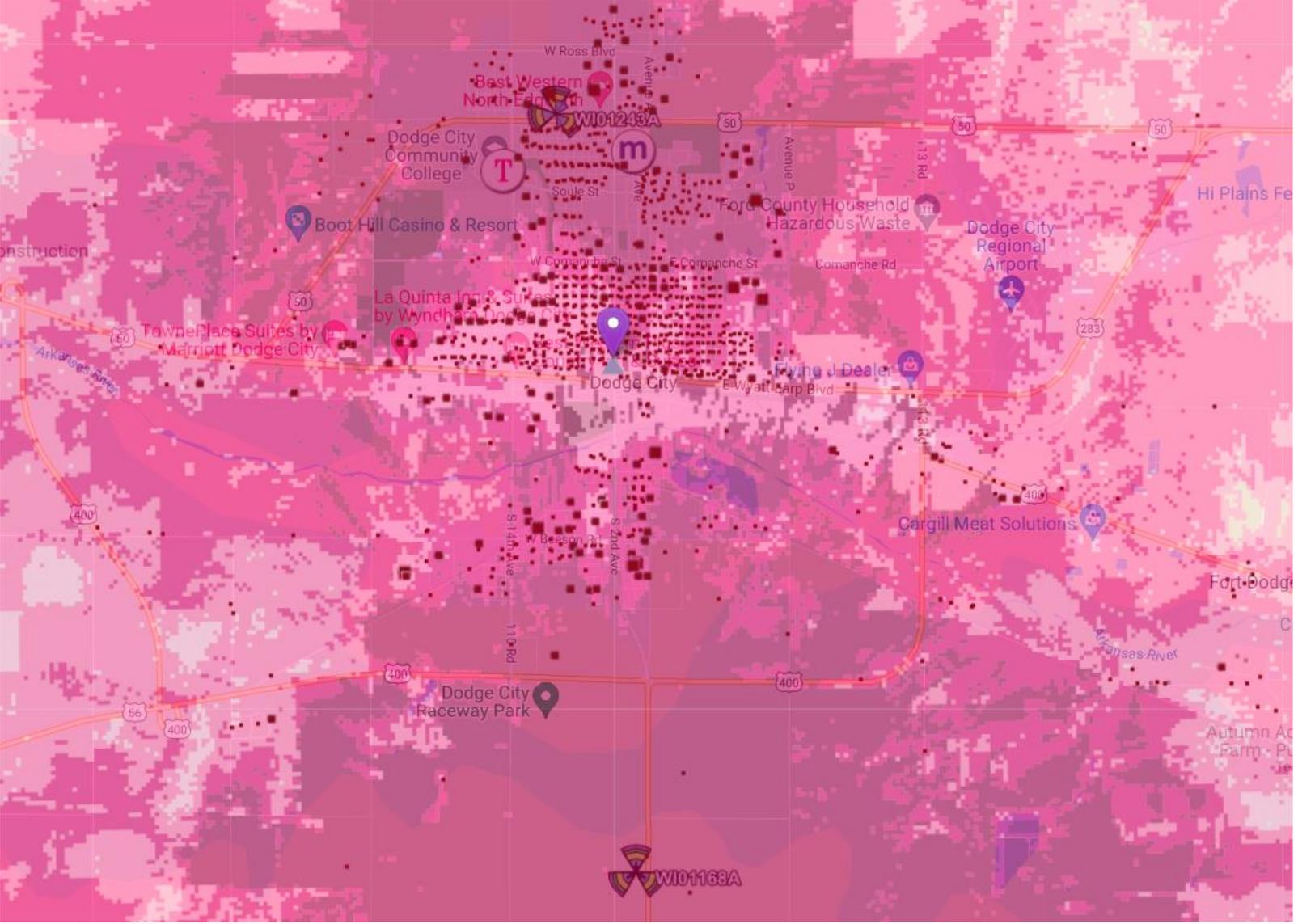
- Live Population
 - 1 - 50
 - 50 - 200
 - 200+
- TMO Existing Stores
- TMO Pipeline Stores
- MBTM
- IBC
- IBR
- In-Vehicle
- Outdoor

4G (LTE) Coverage With WI01582B



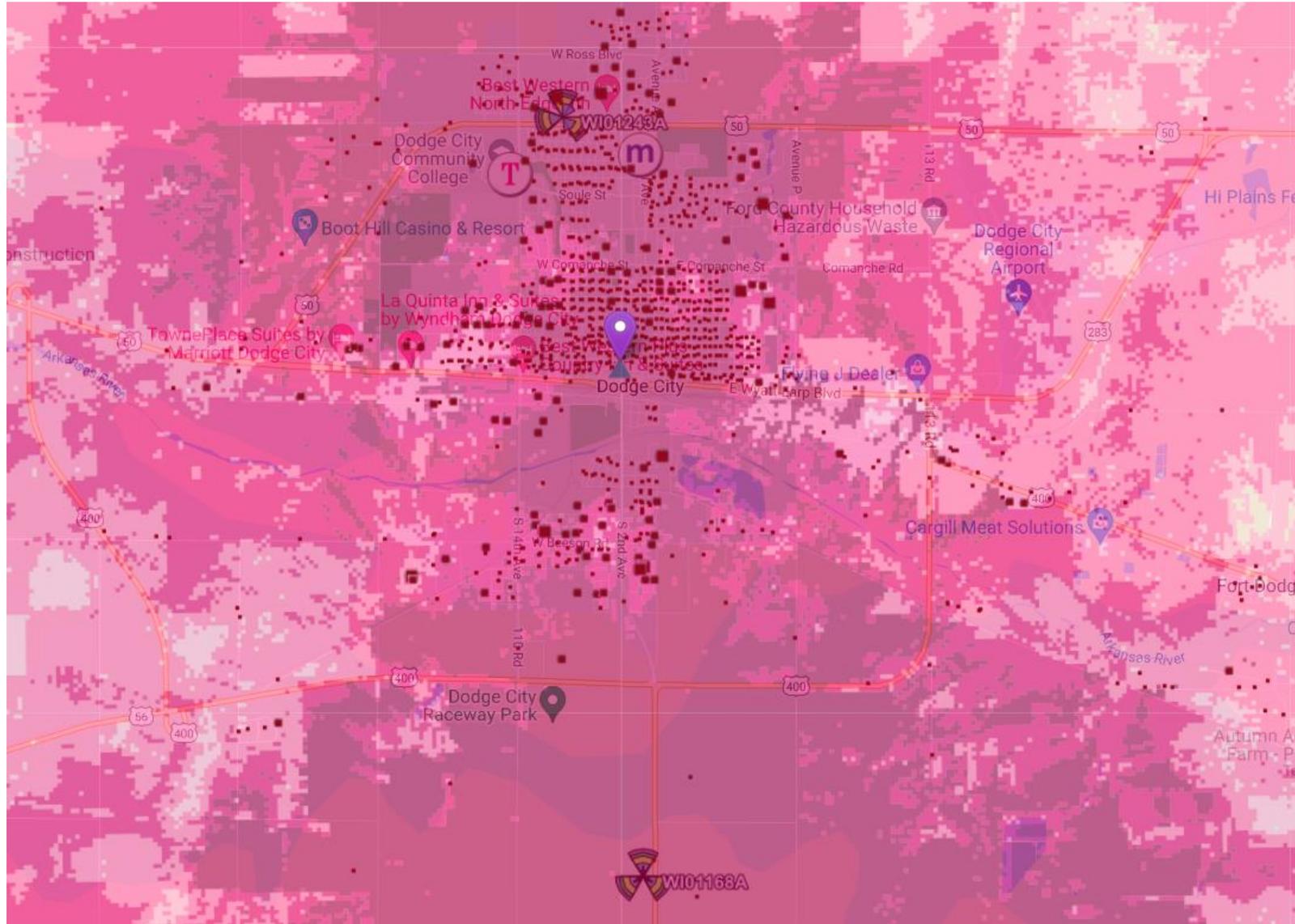
- Live Population
 - 1 - 50
 - 50 - 200
 - 200+
- TMO Existing Stores
- TMO Pipeline Stores
- MBTM
- IBC
- IBR
- In-Vehicle
- Outdoor

5G (NR) Coverage Before WI01582B



- Live Population
 - 1 - 50
 - 50 - 200
 - 200+
- TMO Existing Stores
- TMO Pipeline Stores
- MBTM
- IBC
- IBR
- In-Vehicle
- Outdoor

5G (NR) LTE Coverage With WI01582B



- Live Population
 - 1 - 50
 - 50 - 200
 - 200+
- Ⓣ TMO Existing Stores
- Ⓣ TMO Pipeline Stores
- Ⓜ MBTM
- IBC
- IBR
- In-Vehicle
- Outdoor

Michael F. Plahovinsak, P.E.

18301 State Route 161, Plain City, Ohio 43064

(614) 398-6250 - mike@mfpeng.com

July 7, 2023

Vertical Bridge

Re: Proposed 100-ft Monopole
Located in Ford Co., KS: US-KS-5081 Dodge City
MFP Project #: 23523-177 / TAPP Project Number: TP-21985

I understand that there may be some concern on the part of local building officials regarding the potential for failure of the proposed communication monopole. Communication structures are designed in accordance with the Telecommunications Industry Association TIA-222-H, "Structural Standards for Steel Antenna Towers and Antenna Supporting Structures". This Structure is to be fabricated by TransAmerican Power Products

I have designed this monopole to withstand a 3-sec. gusted wind speed of 111 mph as recommended by TIA-222-H for Ford Co., KS. The design also conforms to the requirements of the 2018 Ibc.

Due to the numerous safety factors incorporated into the design standard, failure of the structure would not be expected to occur at the exact moment the design wind speed is exceeded. Therefore, it is extremely rare to encounter a failure of a monopole tower. Statistically, loads reaching 2x the design wind pressures would be required to cause a failure of the structure, where total devastation of the surrounding area would also occur. Most failures of this nature occur due to an Act of God, uncontrollable acts of vandalism, or gross neglect of routine maintenance. A properly designed, erected and maintained monopole is not subject to collapse as a result of structural loads prescribed by Building Code.

Therefore, theoretically, this structure may be considered to be designed for a 0-ft fall radius based on rarity of failures, and the requirements of the Building Code and the ANSI/TIA-222 Standard.

The structure has been designed with all of the applicable factors as required by the code. Monopoles are safe structures with a long history of reliable operation.

I hope this review of the monopole design has given you a greater degree of comfort regarding the design capacity inherent in pole structures. If you have any additional questions please call me at 614-398-6250 or email mike@mfpeng.com.

Sincerely,

Michael F. Plahovinsak, P.E.



Michael F. Plahovinsak, P.E.
Sole Proprietor - Independent Engineer
P.E. Licensed in 48 Jurisdictions

