

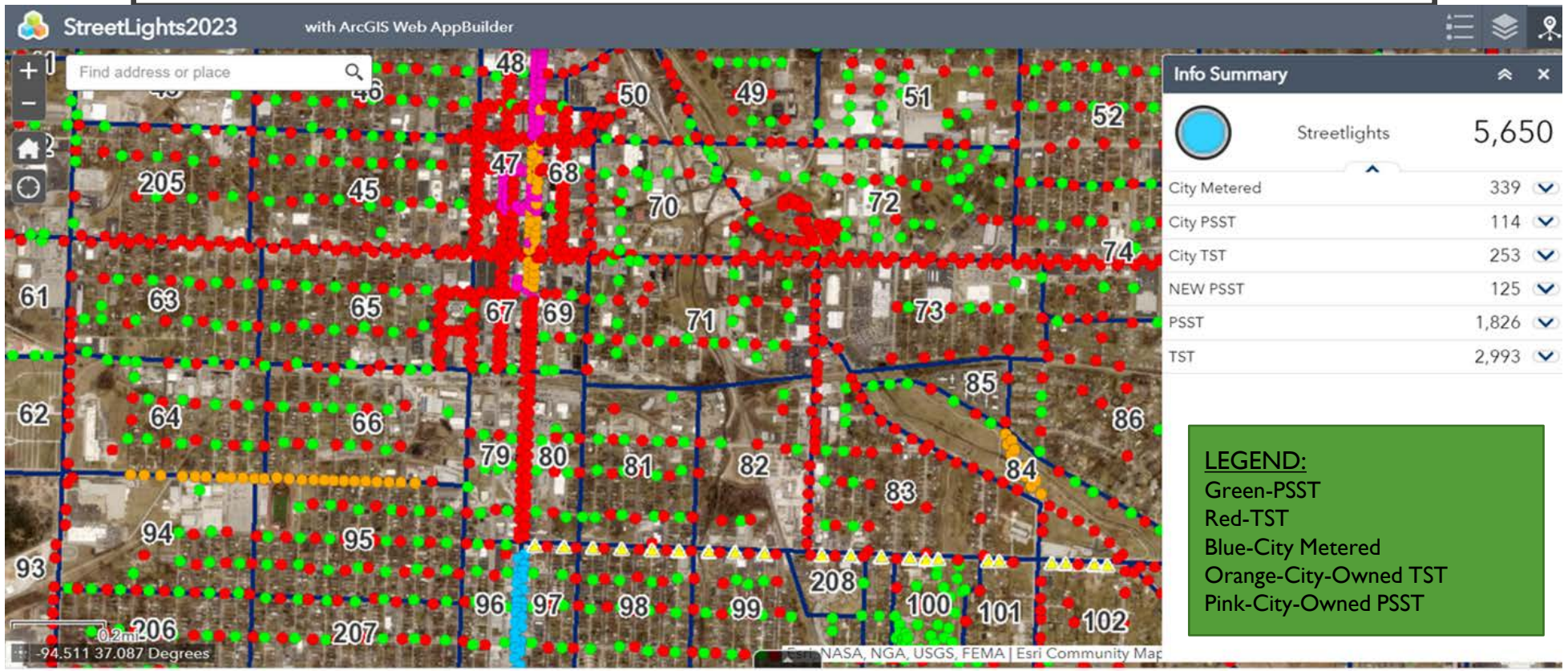
JOPLIN MISSOURI

STREETLIGHT INSTALL PROGRESS UPDATE

City Council Presentation

COJ Team | August 7, 2023

TOTAL EXISTING STREETLIGHTS



STREETLIGHT UPDATE

At the March 21, 2022 Work Session:

- The following list was reviewed, which indicates the *previously* identified estimated streetlights to be installed in the remaining zones/locations of the Public Safety Sales Tax streetlight program:

ZONE/LOCATION	AREA DESCRIPTION	EST NO OF LIGHTS
25	F Street, W Jaccard Place, Glenview Place	8
E 15th-Main to Rangeline	E 15th – Main To Rangeline	28
Duquesne Rd-MSSU Area	Duquesne Rd-MSSU Area	9
11	N Lone Elm Road	6
90	East 10th & 12th and S Peters Ave	5
175	S McClelland Blvd, Glendale Road	12
9	N Anderson Avenue	4
10	W Murphy Blvd	2
14	N Brownell, E Trenton, E Salem, E Rolla	28
22	E Quincy Street	2
4	N Katie Lane, E Sadie Lane & Ct	19
6	E Sadie Court, E Kennedy St	3
78	E 4th Street	1

ZONE/LOCATION	AREA DESCRIPTION	EST NO OF LIGHTS
57	S Duquesne Rd	1
18	N Starlite Circle & N Greencrest Dr	2
19	E Birch Lane	2
31	N Goetz Blvd	2
32	N Goetz Blvd	1
S Schifferdecker Ave	S Schifferdecker Avenue	38
214 & Prigmor	E 30th St, E 32nd St, S Prigmor Ave	14

STREETLIGHT UPDATE

- The following maps will show the original streetlight installations by showing the "before" maps followed by the "completed" maps for the remaining Zones.

"*BEFORE*" STREETLIGHT ZONE - 78 MALL STREET



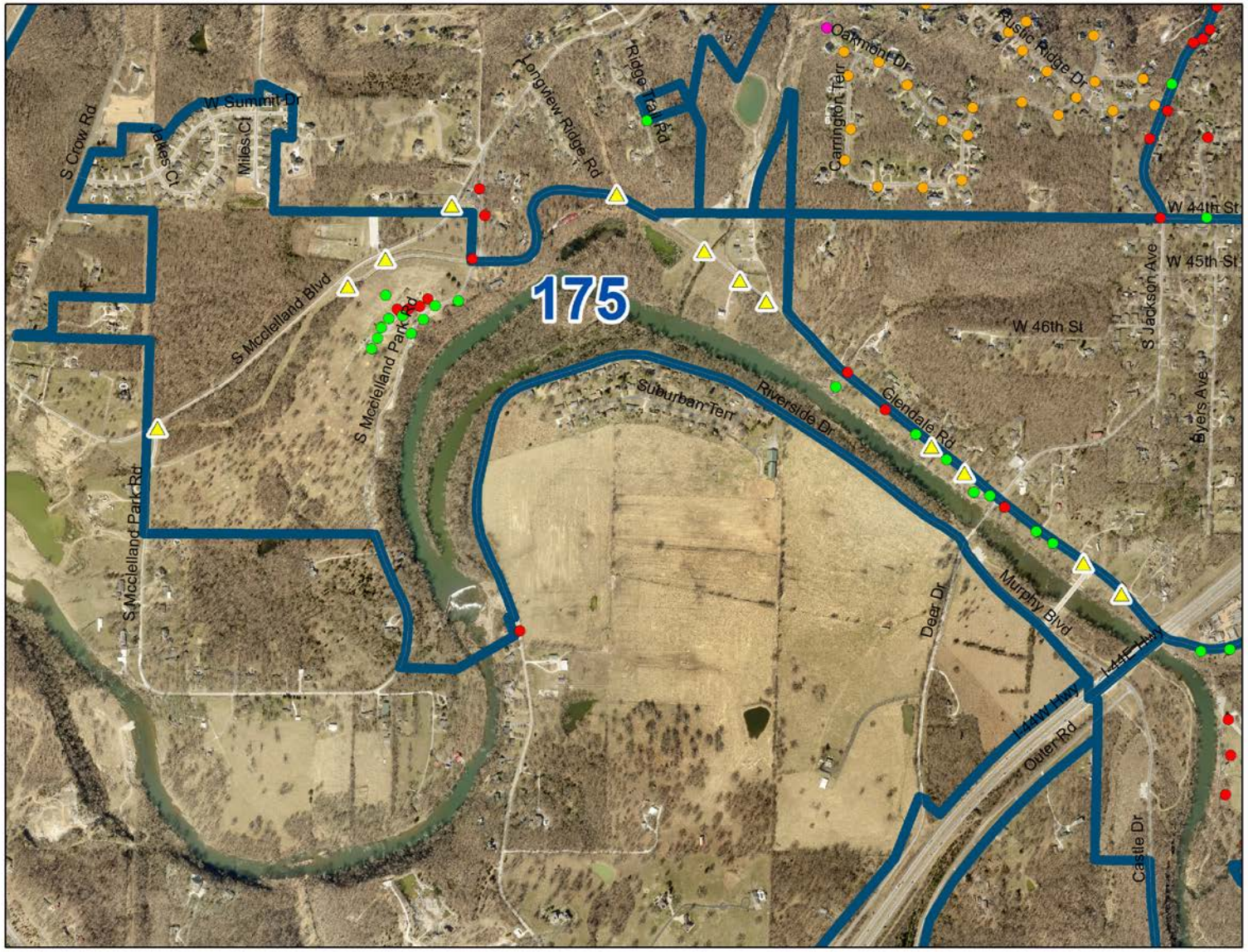
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-To Be Installed

"*AFTER*" STREETLIGHT ZONE - 78 MALL STREET



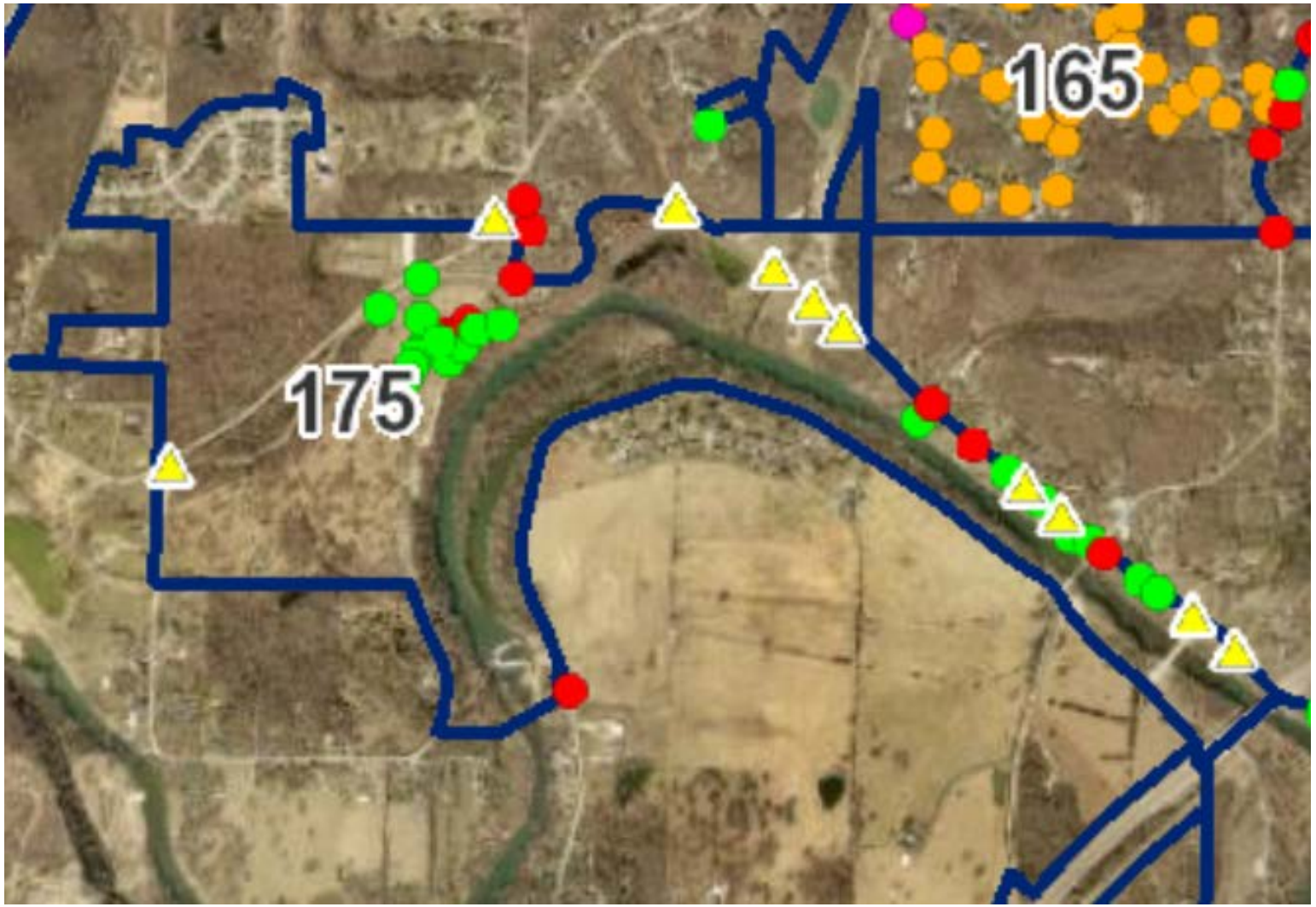
LEGEND:
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Yellow-To Be Installed

"BEFORE" STREETLIGHT ZONE - 175 STREET CORRIDOR



LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
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Yellow-To Be Installed

"AFTER" STREETLIGHT ZONE - 175 STREET CORRIDOR

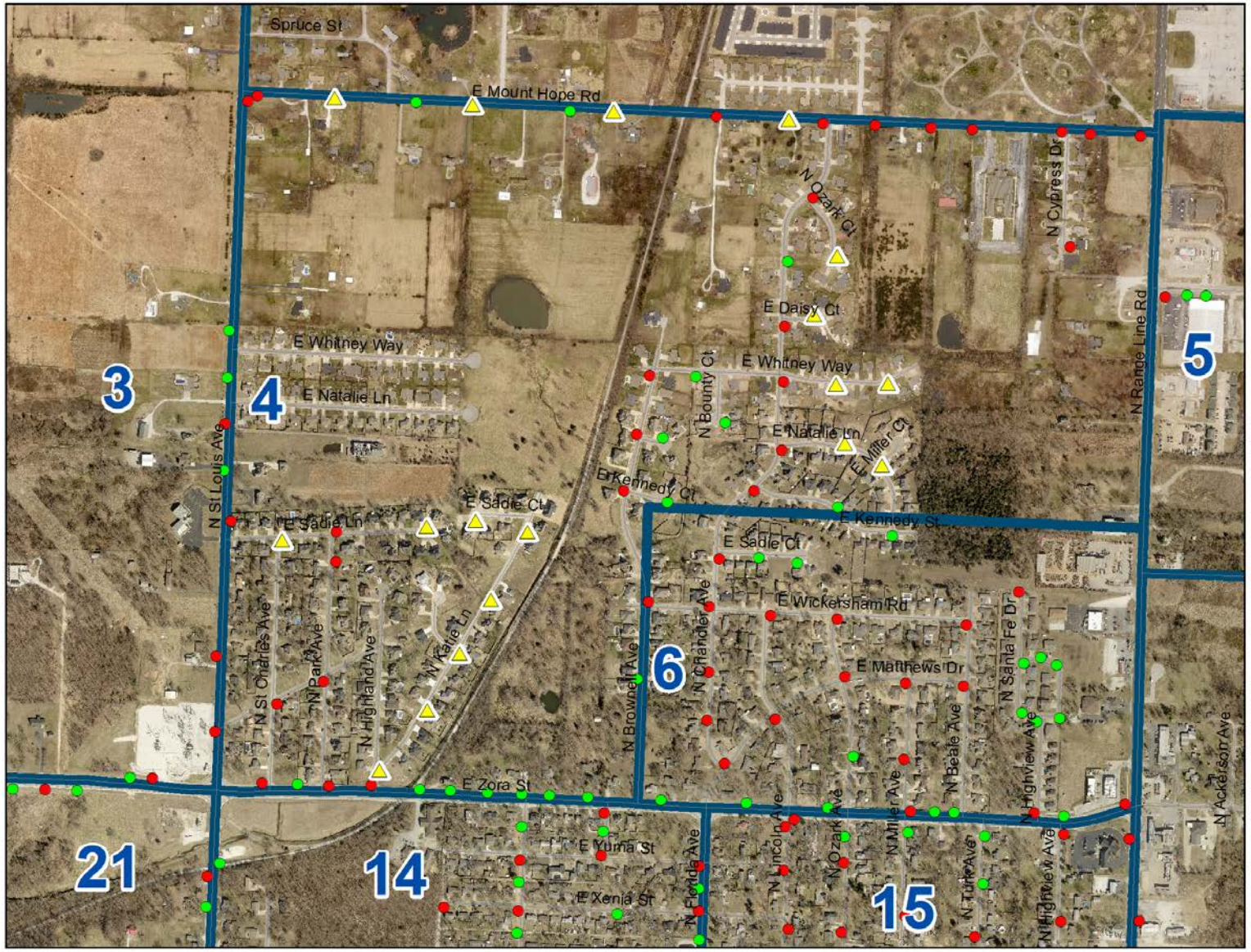


LEGEND:
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Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-To Be Installed

STREETLIGHT UPDATE

- Most original zones have been completed
- New streetlight areas next up for review:
  - Area #4 Northbrook
  - Area #181 Hidden Hills
  - Area #214 Crossroads Industrial Park and Prigmore Avenue
  - Area South Schifferdecker Avenue
  - Area Duquesne Road
  - Silver Creek subdivision

"UNDER REVIEW" AREA 4 ST. LOUIS AND ZORA



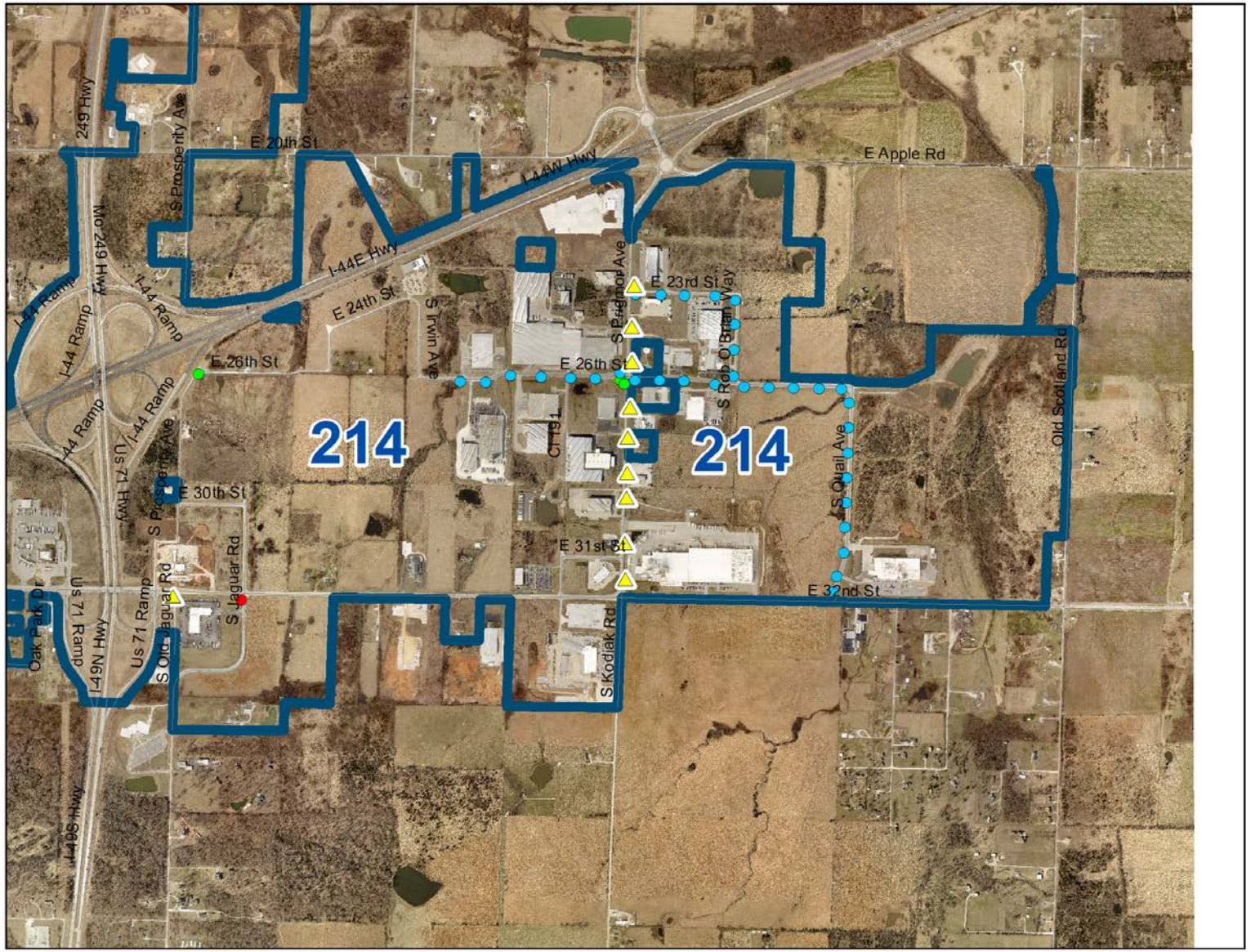
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Yellow-To Be Installed

"UNDER REVIEW" AREA 181 HIDDEN HILLS



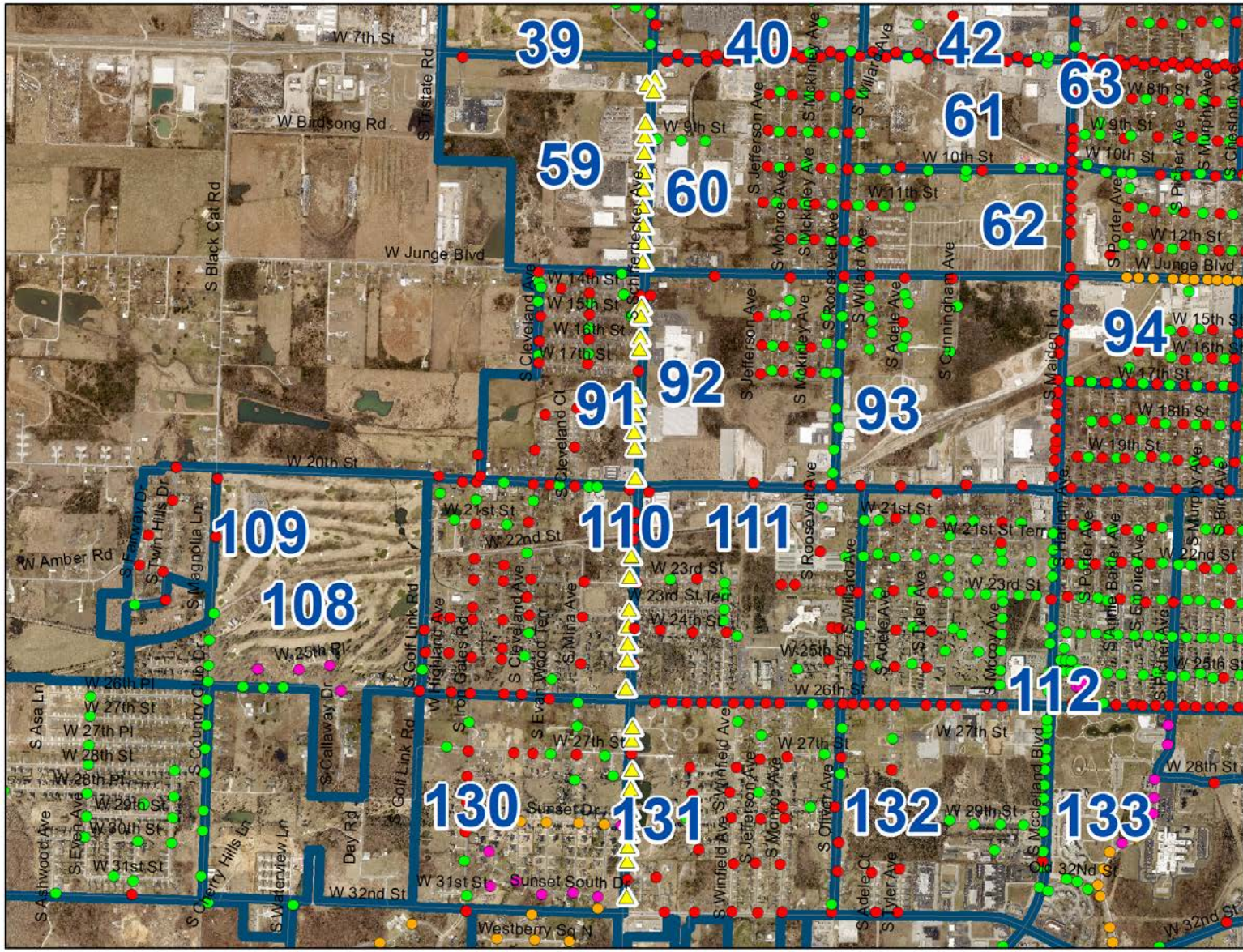
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"UNDER REVIEW" AREA 214 CROSSROADS/ PRIGMORE



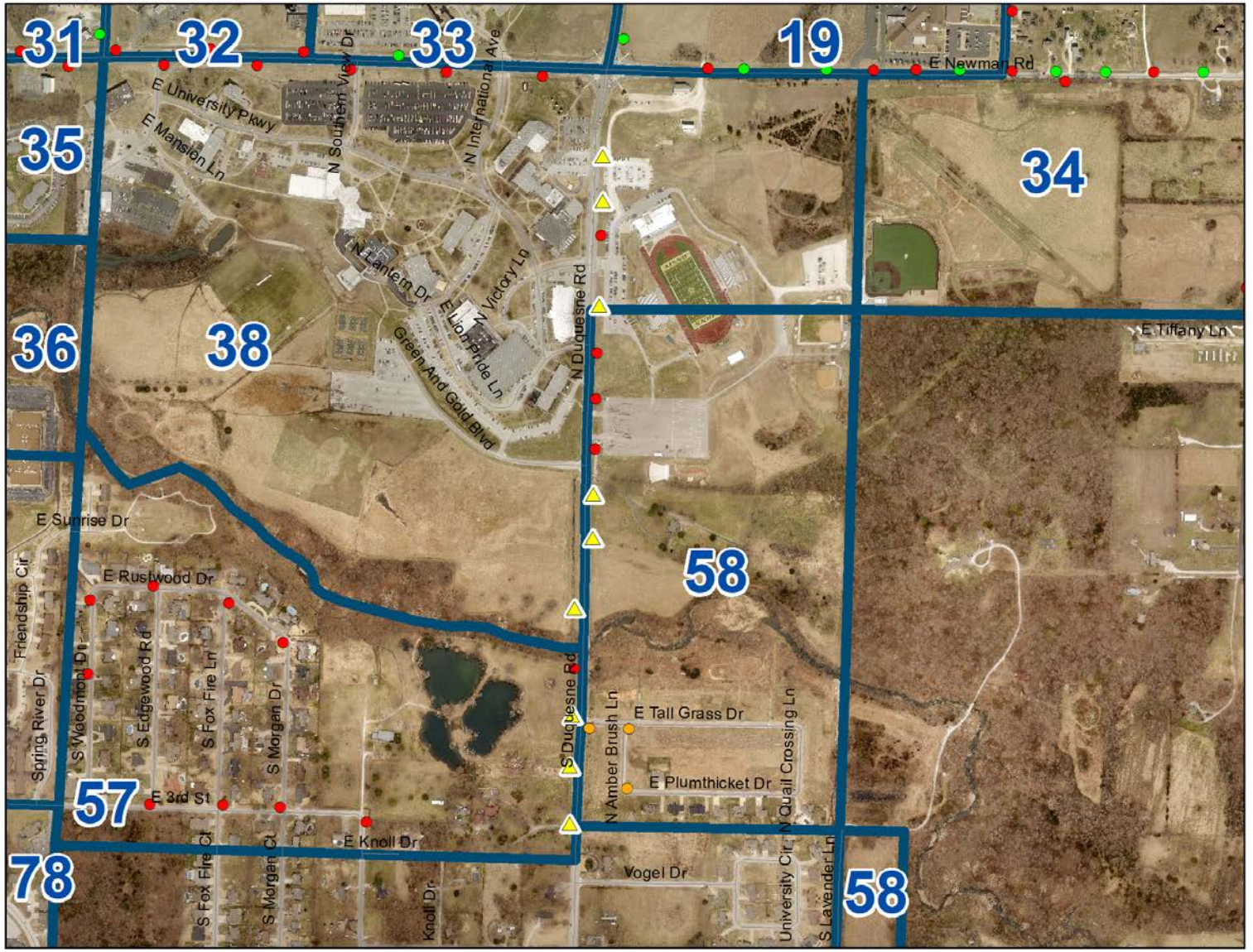
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"UNDER REVIEW" SOUTH SCHIFFERDECKER



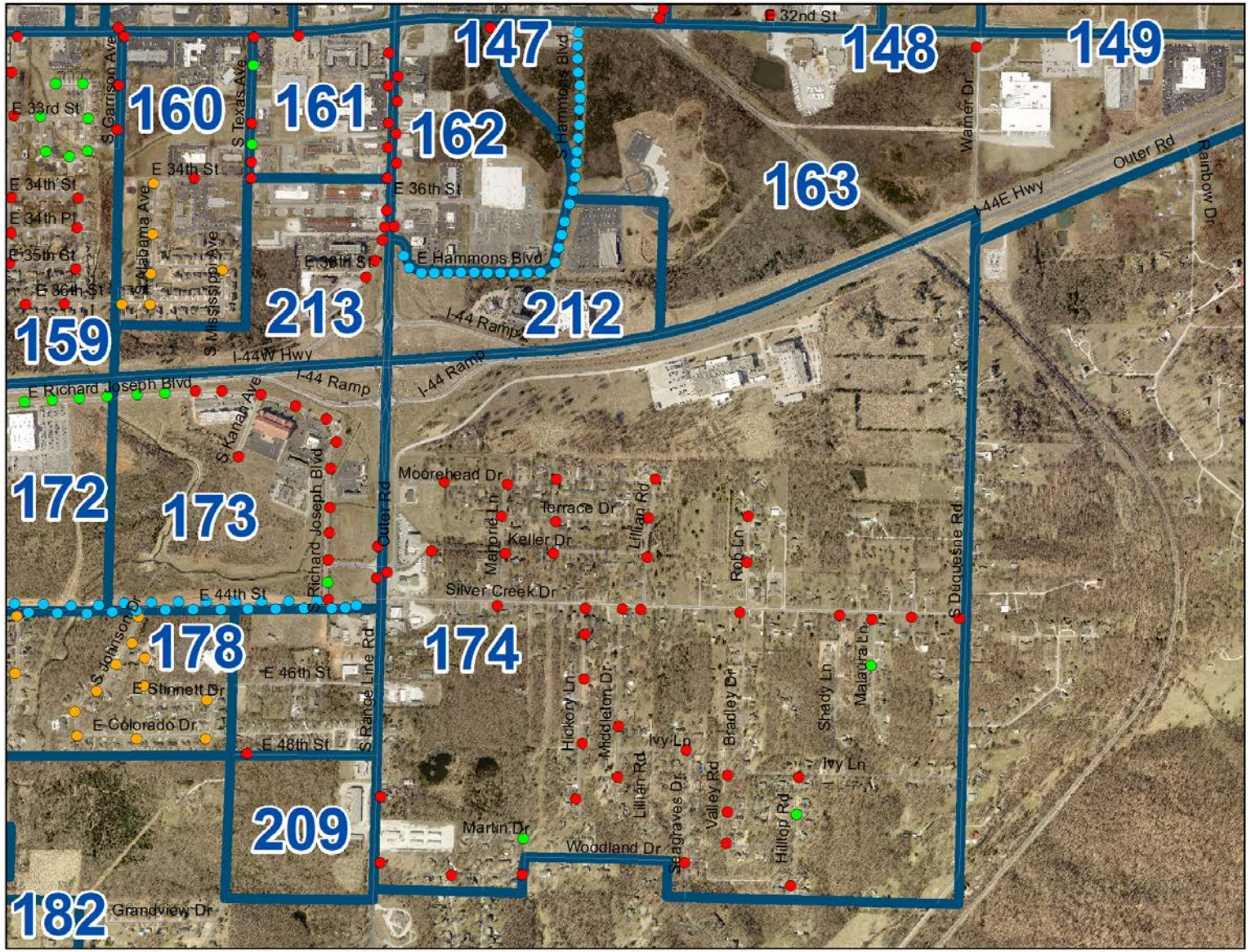
LEGEND:
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Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST

"UNDER REVIEW" DUQUESNE ROAD



LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST

"UNDER REVIEW" SILVER CREEK AREA



LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST

STREETLIGHT UPDATE

- New request streetlights continue to be reviewed and installed
- Existing HPS streetlights and photocells are field-repaired if possible, not replaced with HPS
- New and existing streetlights are changed or replaced with LED as supplies and resources are available

STREETLIGHT UPDATE

- City staff continue monthly meetings with Liberty Utilities to coordinate the installation of previous priority areas and new streetlights that conform to policy
- Nearing completion of voter approved installs and now moving into new requests, developments, and continuing routine maintenance
- New install requests consider crime statistics, existing area lighting, power access, difficulty of installation, site conditions, and majority of neighbors in agreement, etc.

STREETLIGHT UPDATE

- Updated Citizen Streetlight Request Form to evaluate each need and location through one process; highlighted procedure
- Added an online SeeClickFix Reporting option in order to better consolidate and track public requests
- Continued predevelopment utility meeting participation
- Continued mapping mid-block lighting location options to get to a costing exercise and policy consideration

JOPLIN
MISSOURI

For City Use Only:

Amount Paid:
Receipt Number:
Date:

Streetlight Request Form

I hereby request that a public streetlight be added at the below location. I understand that:

Street lighting is only for public streets and rights-of-way and not for personal property area lighting. This request pertains only to public streets and public rights-of-way.

City of Joplin residents may apply for and be granted a standard streetlight on a public street upon meeting specified criteria. The type of lighting installed is at the City's discretion and shall be compatible with the electric distribution system and light fixtures in place in the area at time of request.

The City of Joplin shall not provide lighting on private streets or private property. Private lighting may be pursued by the property owner and acquired through a separate agreement with Liberty Utilities.

Name	
Address	
Telephone Number and Email	
Reason for Request	
Nearest Pole location	
Location of Pole	***Where is the requested pole?***
Are neighboring residents supportive	***Lights shall only be installed in areas in which the majority of the surrounding residents are in favor of the installation of the light.***

Fee:
A fee of $80.00 is submitted with this application. It is my understanding that this fee will be utilized for the City of Joplin engineering staff review process.

Security/Safety:
City of Joplin staff will review the location of this request. If it is determined that a refractor may cause inadequate lighting, this request may be denied and the fee refunded.

Acknowledgement and Signature:
By submitting this application, I affirm that the facts set forth in this application are true and complete.

Signature	
Date	

Submit this for engineering review to: Dakota Rusk at drusk@oplinmo.org

City of Joplin
Streetlight Process
6/10/21

LIGHTING OF STREETS IN EXISTING NEIGHBORHOODS

This form is to request a new public streetlight in a neighborhood. Please read the following information prior to submitting.

Street lighting is only for public streets and rights-of-way and not for personal property area lighting. This request pertains only to public streets and public rights-of-way.

City of Joplin residents may apply for and be granted a standard streetlight on a public street upon meeting specified criteria. The type of lighting installed is at the City's discretion and shall be compatible with the electric distribution system and light fixtures in place in the area at the time of the request.

The City of Joplin shall not provide lighting on private streets or private property. Private lighting may be pursued by the property owner and acquired through a separate agreement with Liberty Utilities.

BASIS OF EVALUATING STREETLIGHT REQUESTS

A. Requests will be taken and recorded throughout the year. At a designated time each year, the requests are to be evaluated and installed if the criteria are met and if budget allows, typically at 6 moth intervals

B. All requests are dependent on the availability of electrical service. Many areas do not have electrical service along the street. If lights can be installed without requiring any new electrical easements, the light location will be considered.

C. Lights may be installed at street intersections for the safety of motorists and any pedestrians that may be crossing the street.

D. Lights may be installed at locations between intersections and at the entrances to alleys for the purpose of public safety.

E. Lights that are installed at locations between intersections will conform to the guidelines of Division 7000 – Street Lights of the City of Joplin Engineering Standards and Specifications which provides spacing guidelines based on width of street, traffic and pedestrian counts, road classification, and other factors including cost.

F. Lights shall only be installed in areas in which the majority of the surrounding residents are in favor of the installation of the light.

G. All streetlight locations shall be evaluated by Liberty Utilities and the final decision of the installation shall be made by the City.

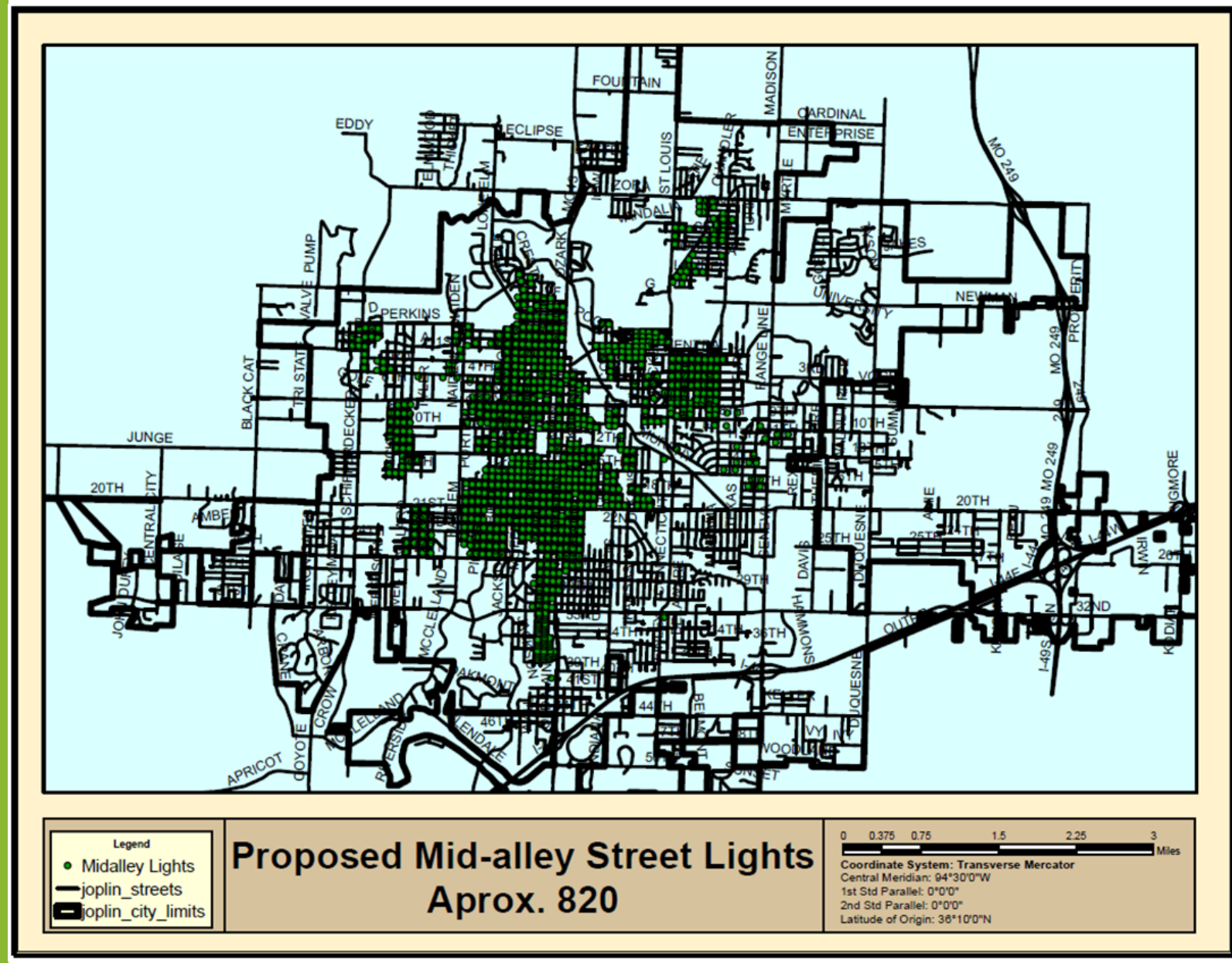
STREETLIGHT UPDATE

- Staff continuing to update the Streetlight Maps in addition to creating a new table showing actual new streetlights installed beginning in 2022 and forward
- High priority streetlight issues and new areas are being discussed and evaluated
- Staff utilizing See Click Fix and coordinating those requests and concerns with Liberty Utilities

MID-ALLEY MAPPING UPDATE

- In 2006, the citizens of Joplin imposed a ½ cent Public Safety Sales Tax to fund various public safety enhancements. Key among those was the addition of police officers, fire fighters and streetlights.
- TSST streetlights are placed at intersections (transportation focused and funded)
- PSST streetlights are placed at mid-block
  - In the original program, *mid-alley* lighting was not considered due to projected resources available

2023 MID-ALLEY MAPPING EFFORT



STREETLIGHT UPDATE

- Identified approximately 820 possible light locations
- Considers basic existing infrastructure and power adjacency.
- Estimating average approximately a $20/month charge per light
- This equates to $16,380/month or $196,560/year
- Does not consider crime impact at this point

STREETLIGHT NEXT STEPS

- Work will progress through the final zones and staff will continue to provide updates to City Council on new areas
- If Council desires, staff need direction on next steps of identifying and budgeting a future source of funds to proceed mid-alley lighting
- Consider a crime analysis to determine potential impact of added mid-alley lighting

Questions?

