STREETLIGHT UPDATE

November 8, 2021

CITY COUNCIL WORK SESSION

AGENDA FOR STREETLIGHT DISCUSSION

- Streetlight History
- PSST Lights to be installed or reviewed for possible installation
- Type of Lights to be installed
- Timing of Light installation
- TST Streetlight Program
- Citizen Streetlight Request Process
- Subdivision Planning Requirements
- Future Installation, Tracking and Reporting of Streetlights

STREETLIGHT HISTORY

- Prior to passage of the ½-Cent Public Safety Sales Tax, Streetlights were installed for Traffic Safety Purposes at intersections in Neighborhoods and along Major Corridors
- Provisions to "double" the streetlights by adding lights at half block intervals for Public Safety purposes to help deter crime were included in the ½-Cent Tax
- Because an exact count of existing streetlights was unknown at that time, staff estimated an additional 3,700 streetlights would be required to "double" the lights based on miles of streets

STREETLIGHT HISTORY

- Additional streetlight installations were successful in the older parts of the city where easements along the alleyways exist
- However, in the newer parts of town, easements along alleyways don't exist, meaning streetlights can't be installed at each half block/alleyway
- In conjunction with the estimated number of existing lights and the lack of easements or alleyways, there are an additional 187 PSST streetlights to be installed under the original program developed following the passage of the tax

STREETLIGHT HISTORY

- In order to pinpoint the completion of the installation of the Public Safety Sales Tax Streetlights, City staff has worked with Liberty Utilities staff to create a detailed map showing streetlight locations
- The map is approximately 98% complete
- The following table shows the current streetlights on the map vs. the Liberty bill for streetlights

STREETLIGHT NUMBERS

FUNDING SOURCE	LIGHTS SHOWN ON CITY MAP	LIGHTS BILLED BY LIBERTY	DIFFERENCE
PSST	1,891	1,809	82
TST	3,248	3,247	1
TOTAL LIGHTS	5,367	5,056	83

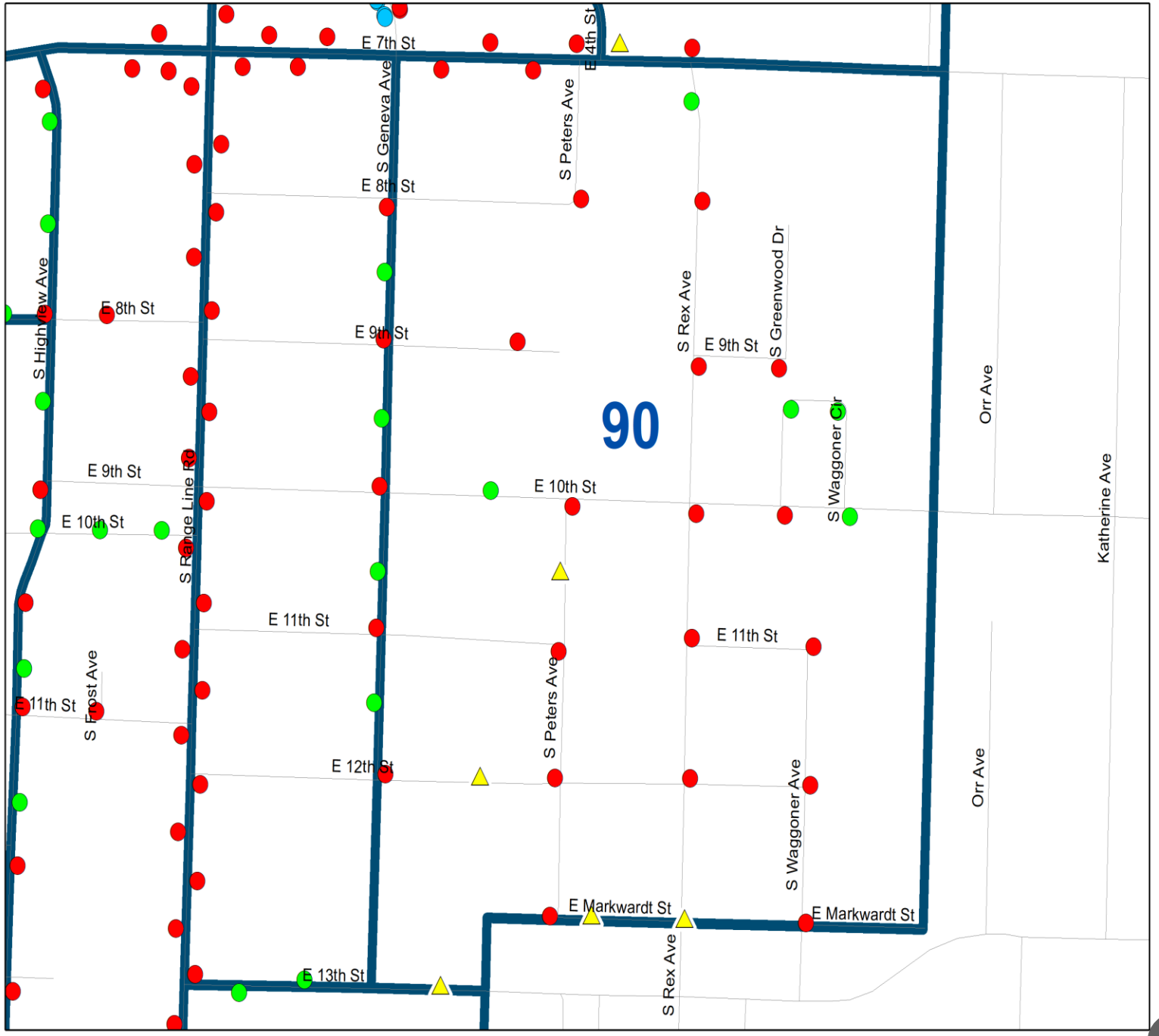
STREETLIGHTS TO BE INSTALLED

- As noted, at the point in time that the streetlight program was put on hold, there were an additional 187 streetlights required to complete the original promise to the voters to "double" the lights from the Public Safety Sales Tax as shown in the table on the next slide
- The following maps show the zones/areas of the remaining streetlights to be installed labeled by yellow triangles

ZONE/LOCATION	PSST
90	5
S Schifferdecker Avenue	38
18	2
25	8
6	3
175	12
31	2
19	2
32	1
214 & Prigmor	14
78	1
57	1
4	19

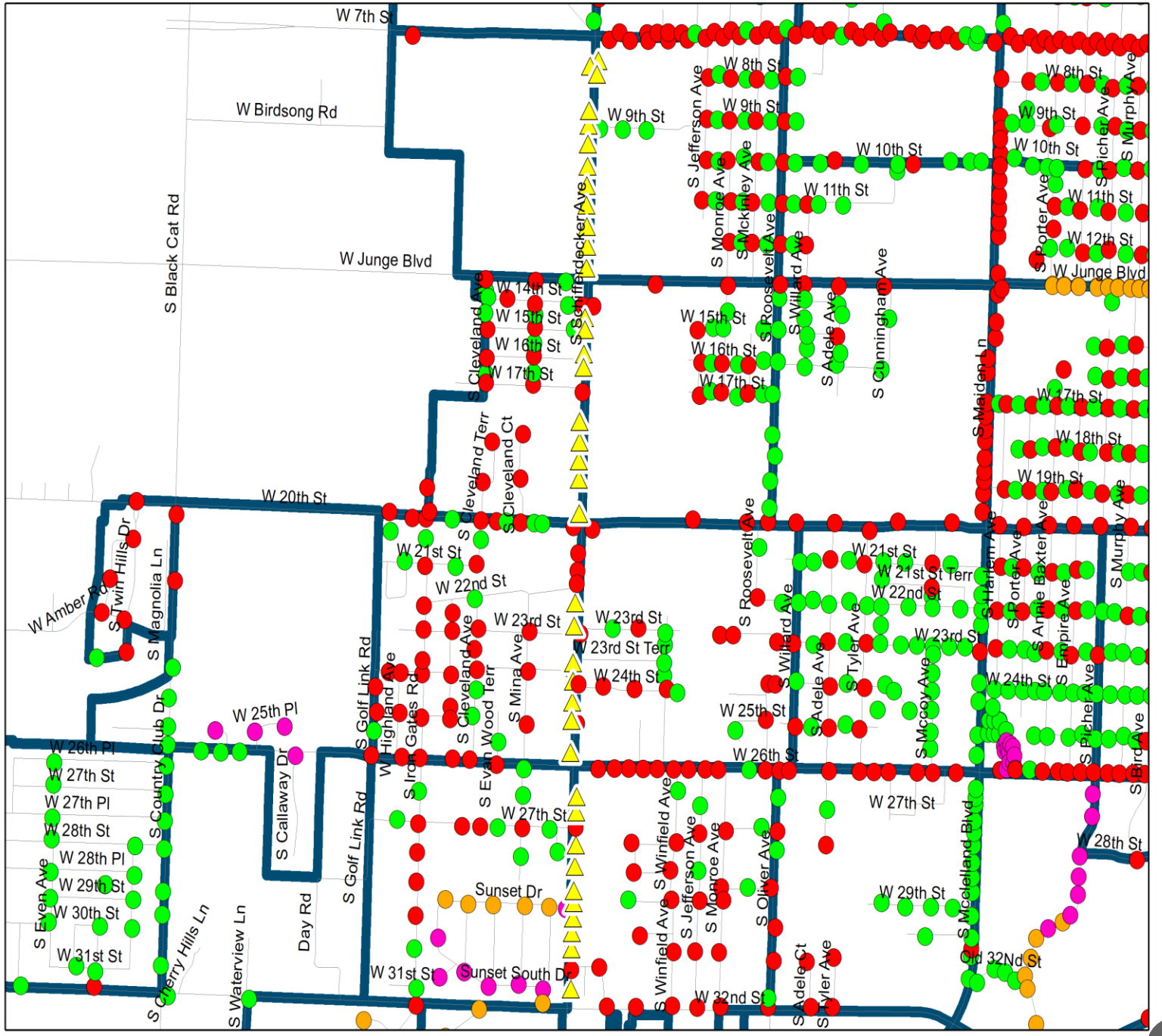
ZONE/LOCATION	PSST
E 15th-Main to Rangeline	28
Duquesne Rd – MSSU area	9
9	4
10	2
11	6
14	28
22	2
TOTAL	187

STREETLIGHT ZONE-90



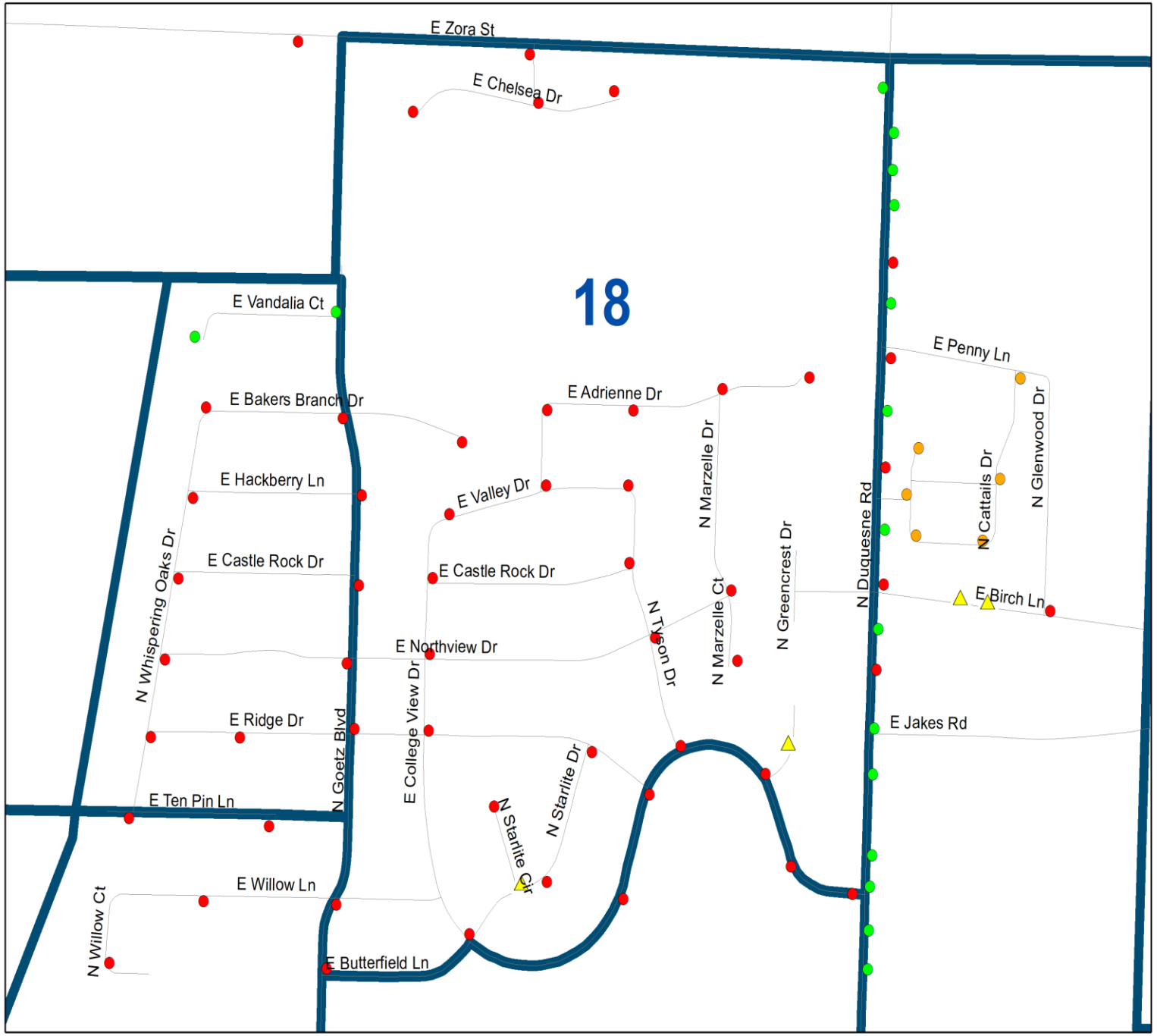
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE- SOUTH SCHIFFERDECKER AVENUE



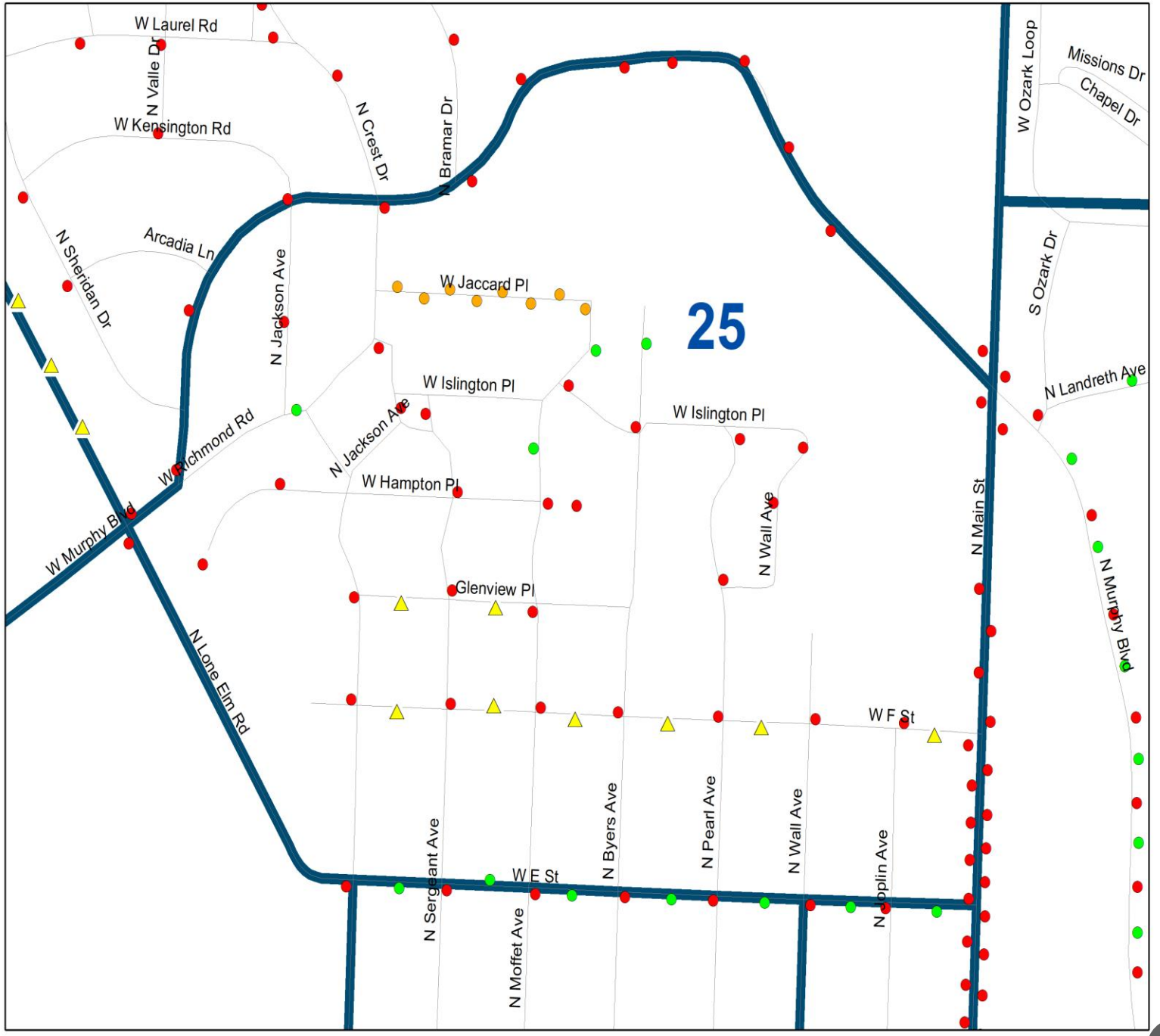
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-18



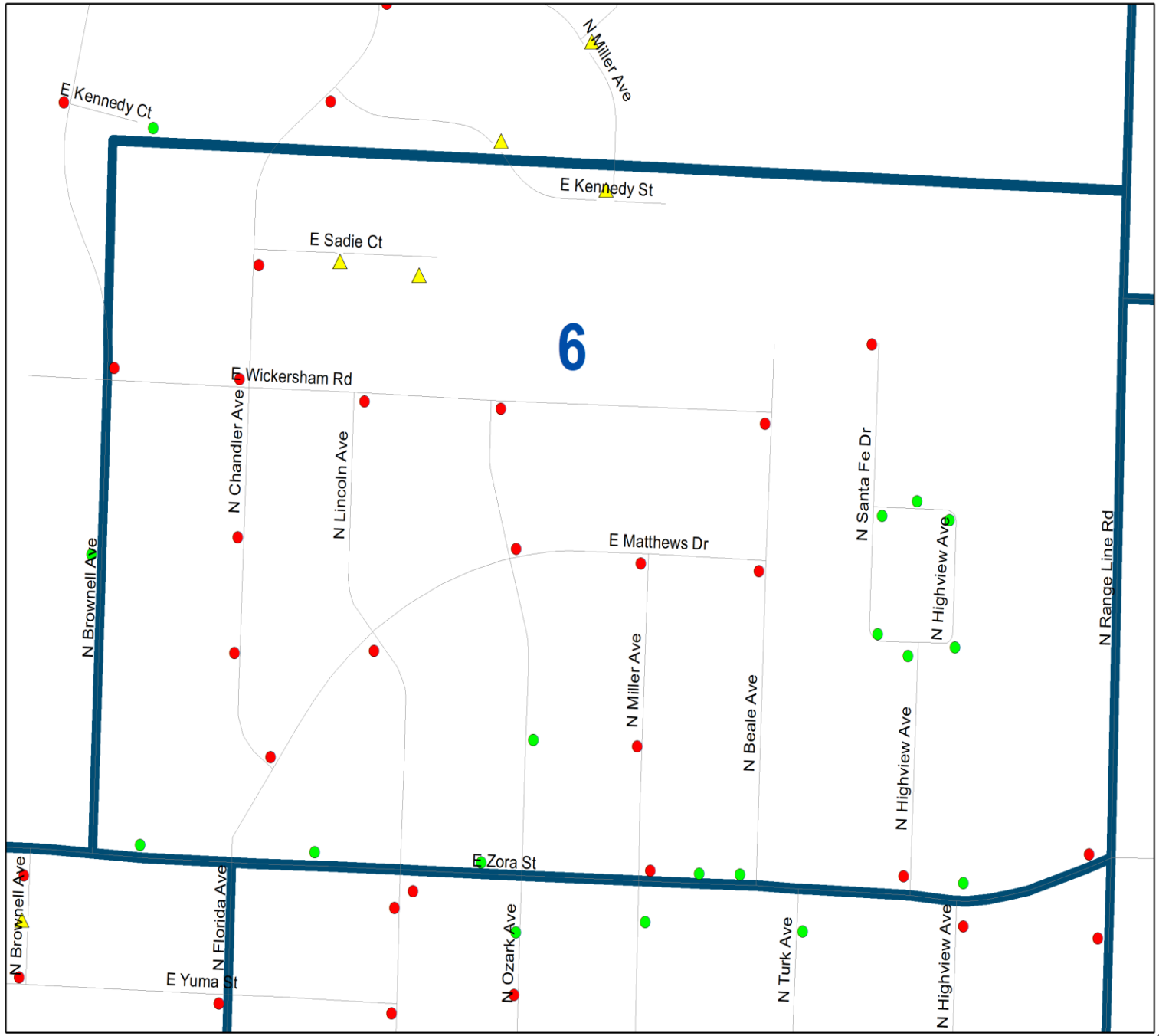
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-25



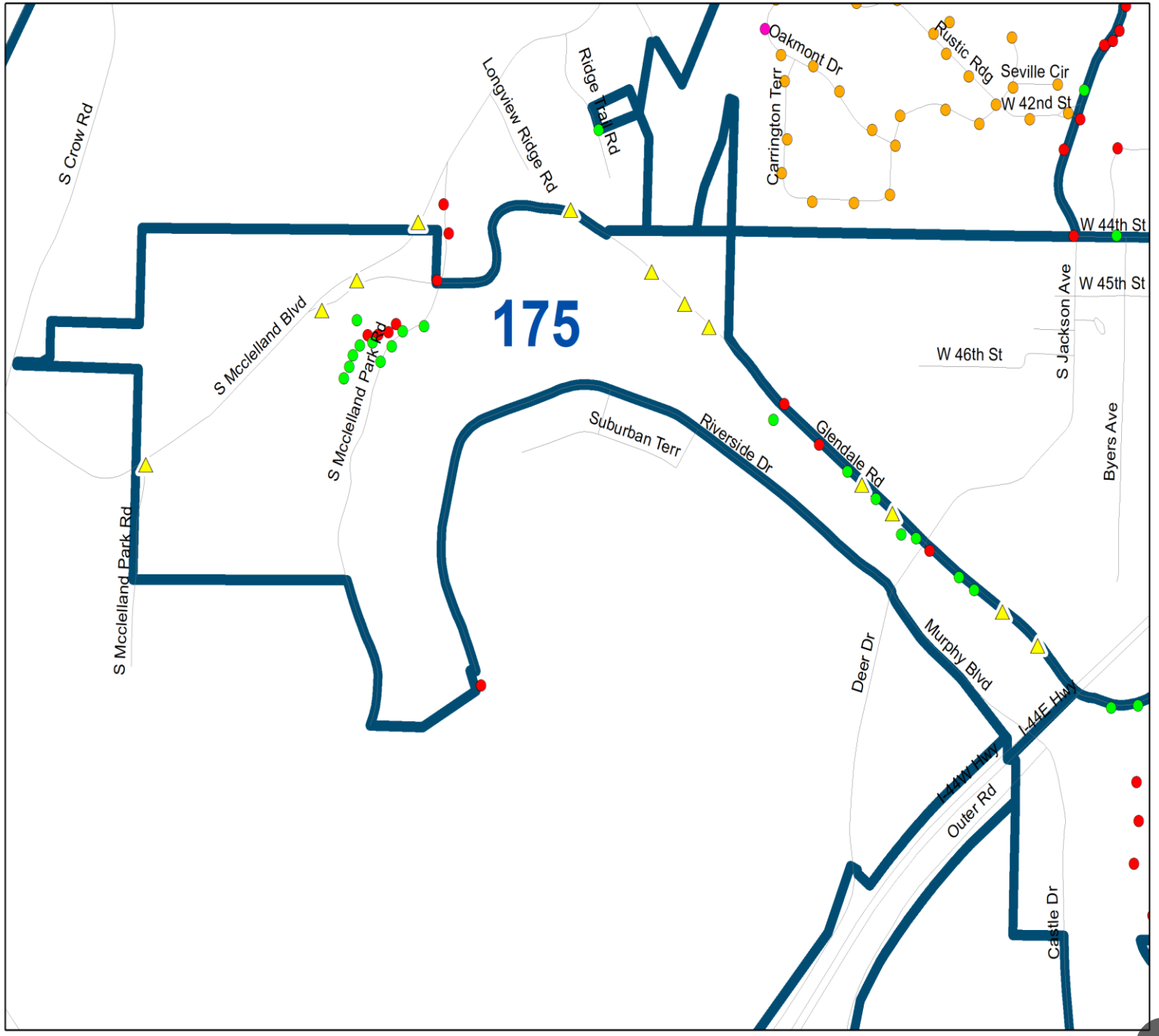
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-6



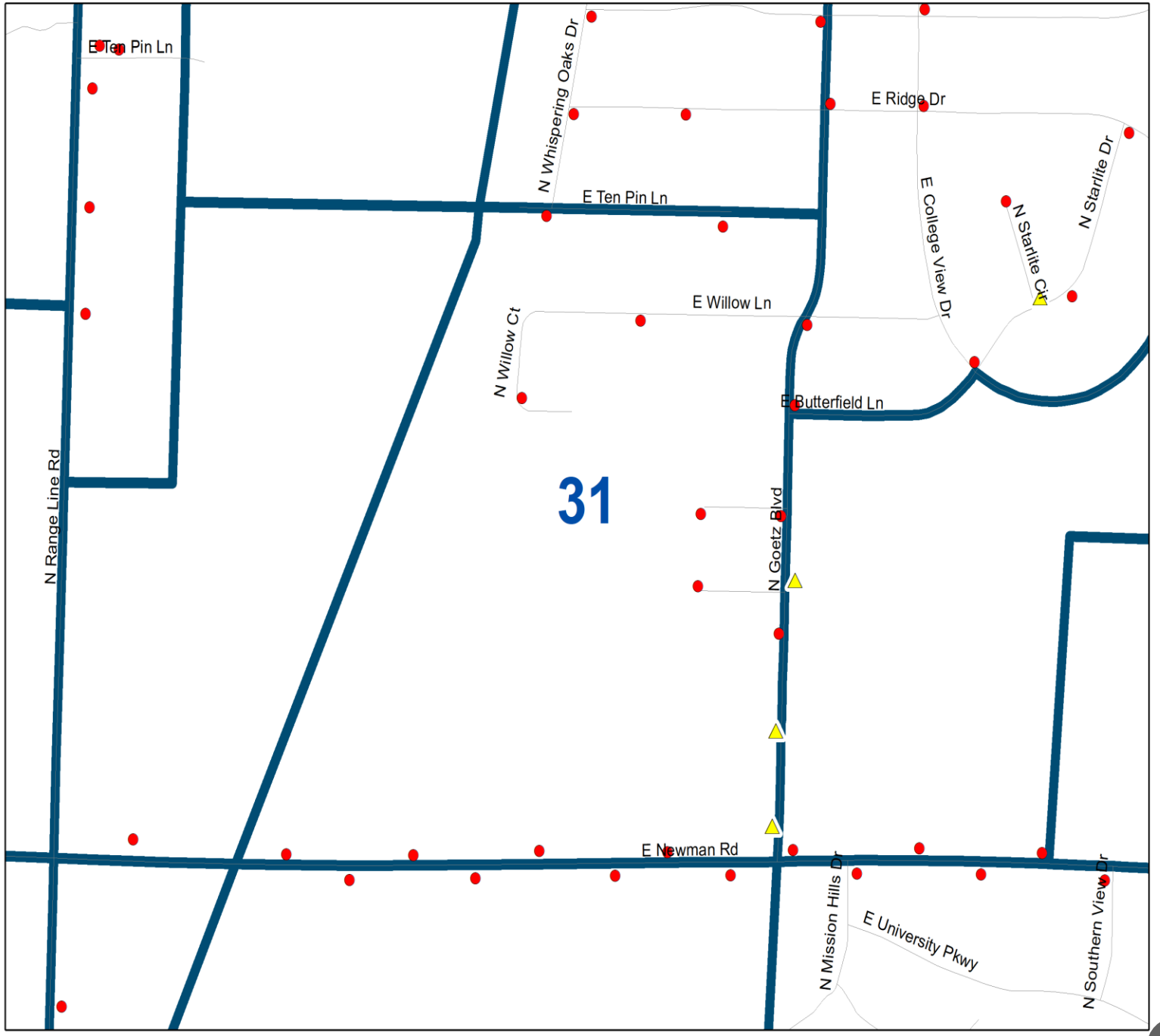
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-175



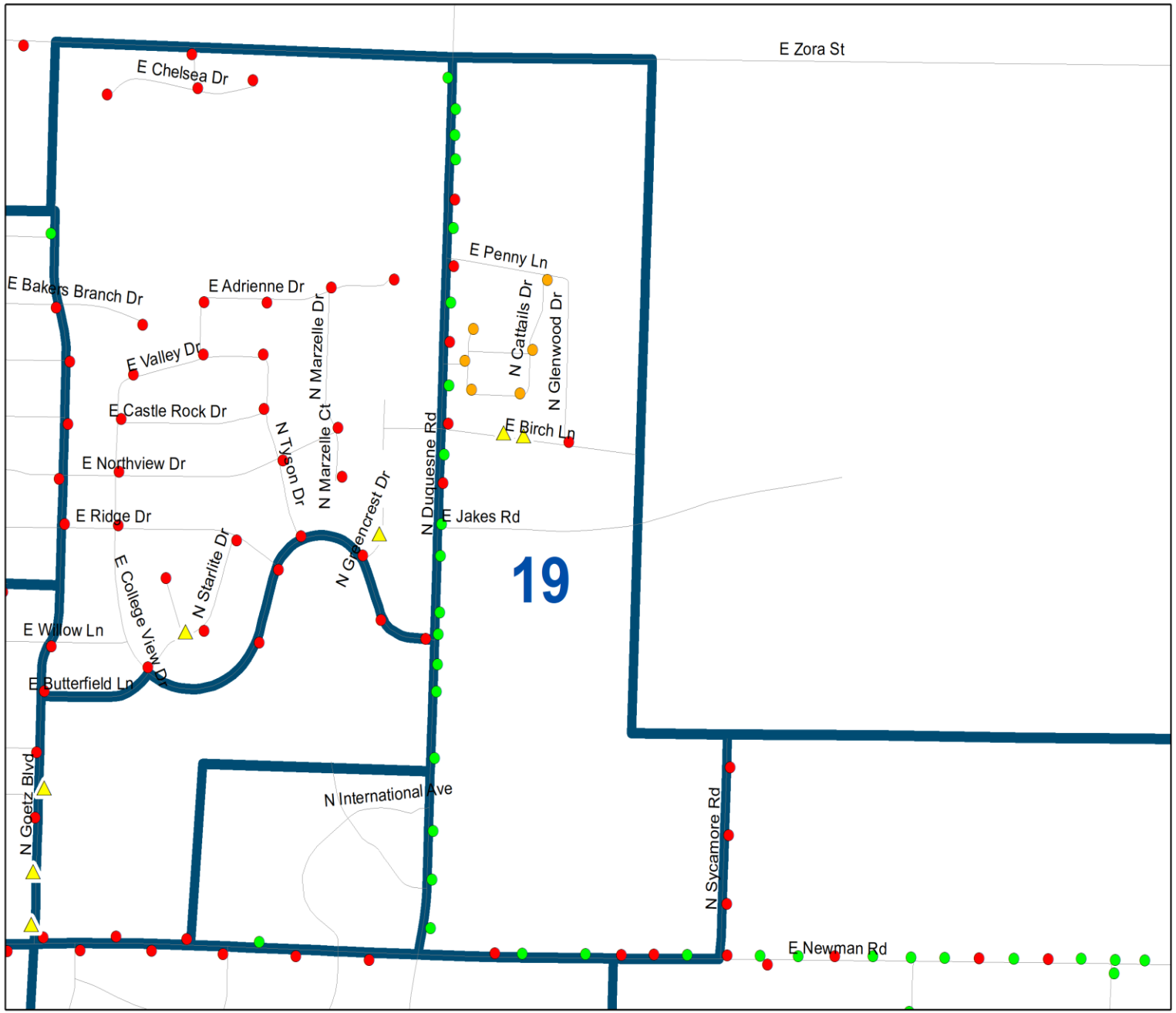
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-31



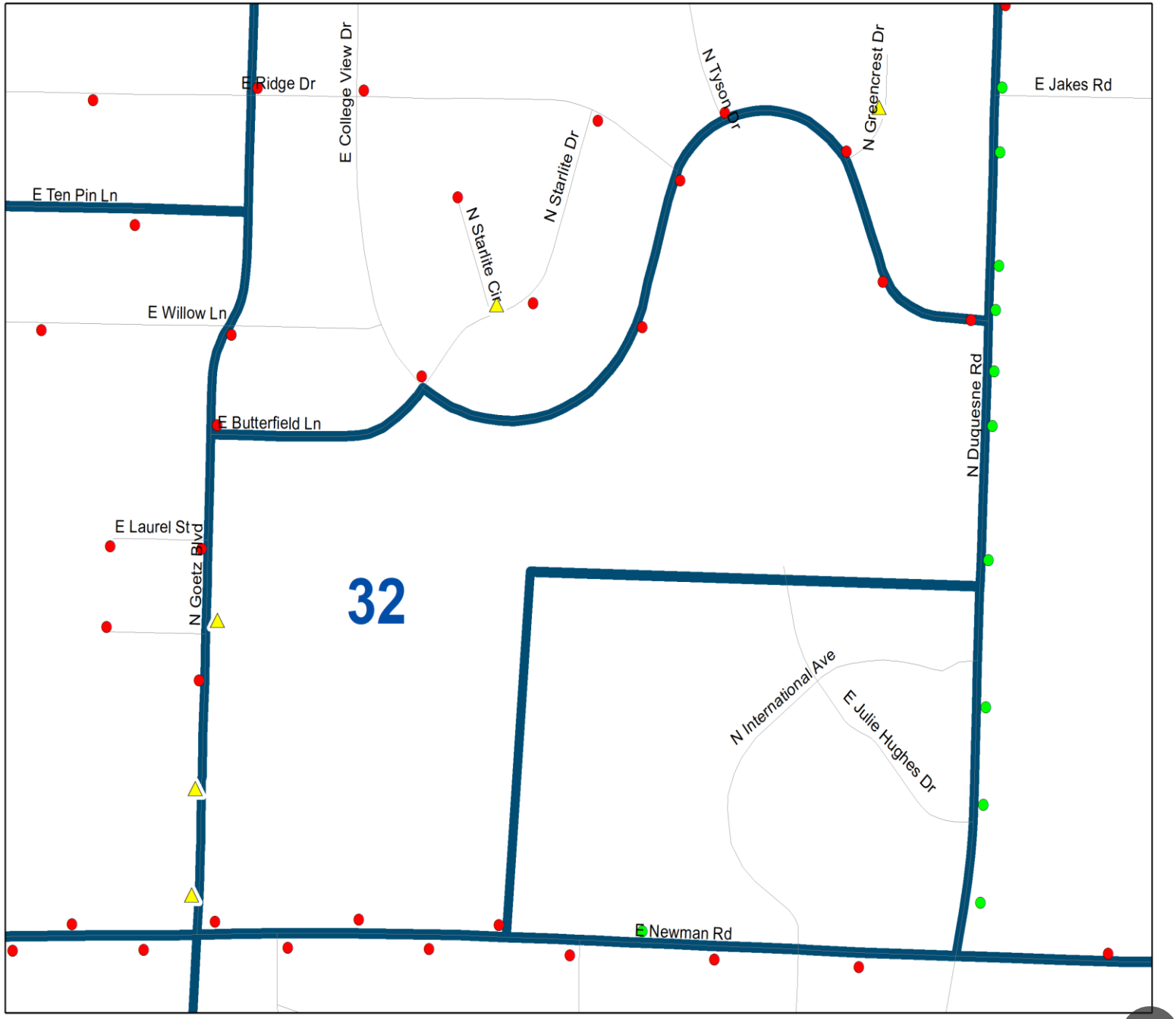
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-19



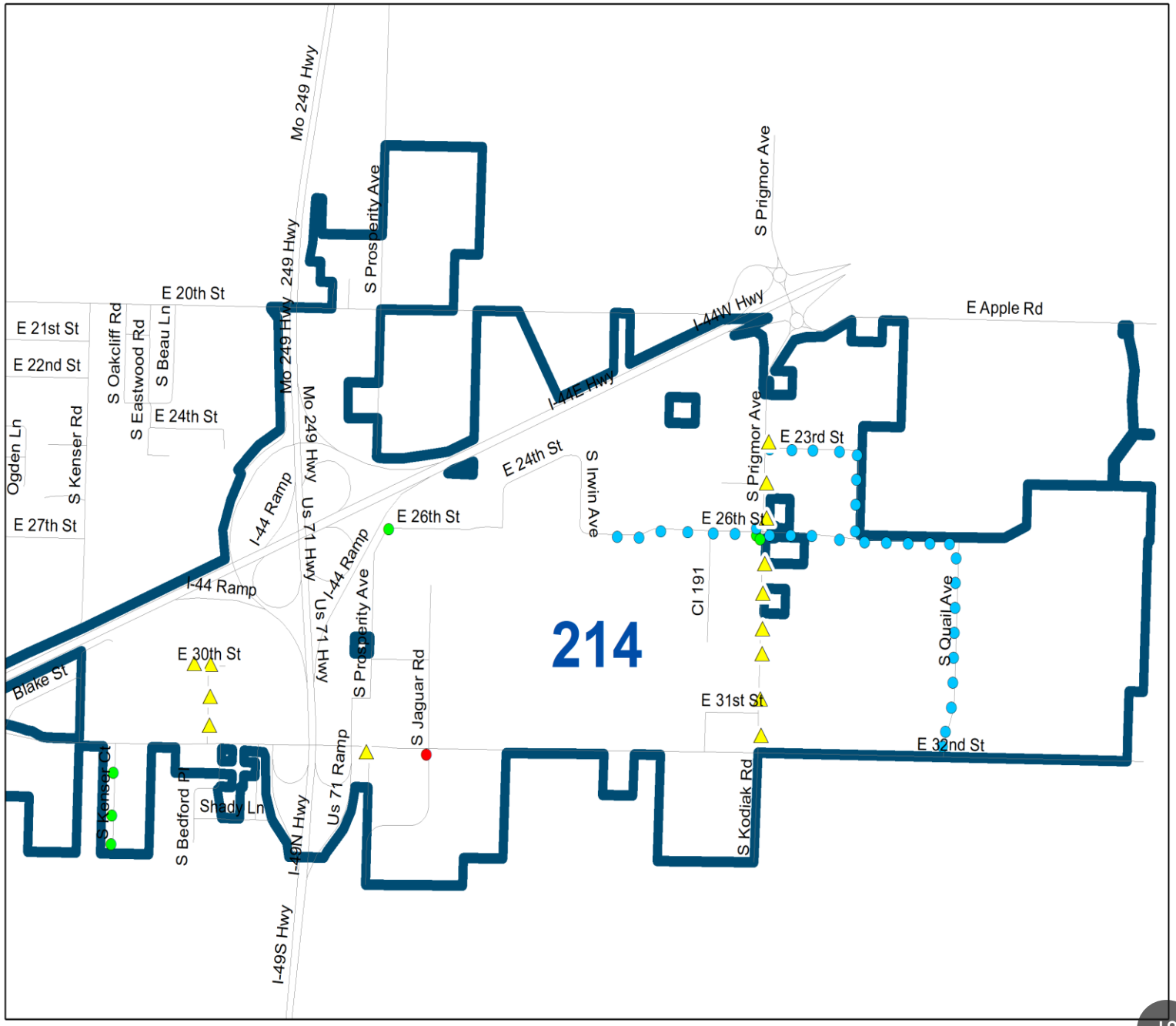
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-32



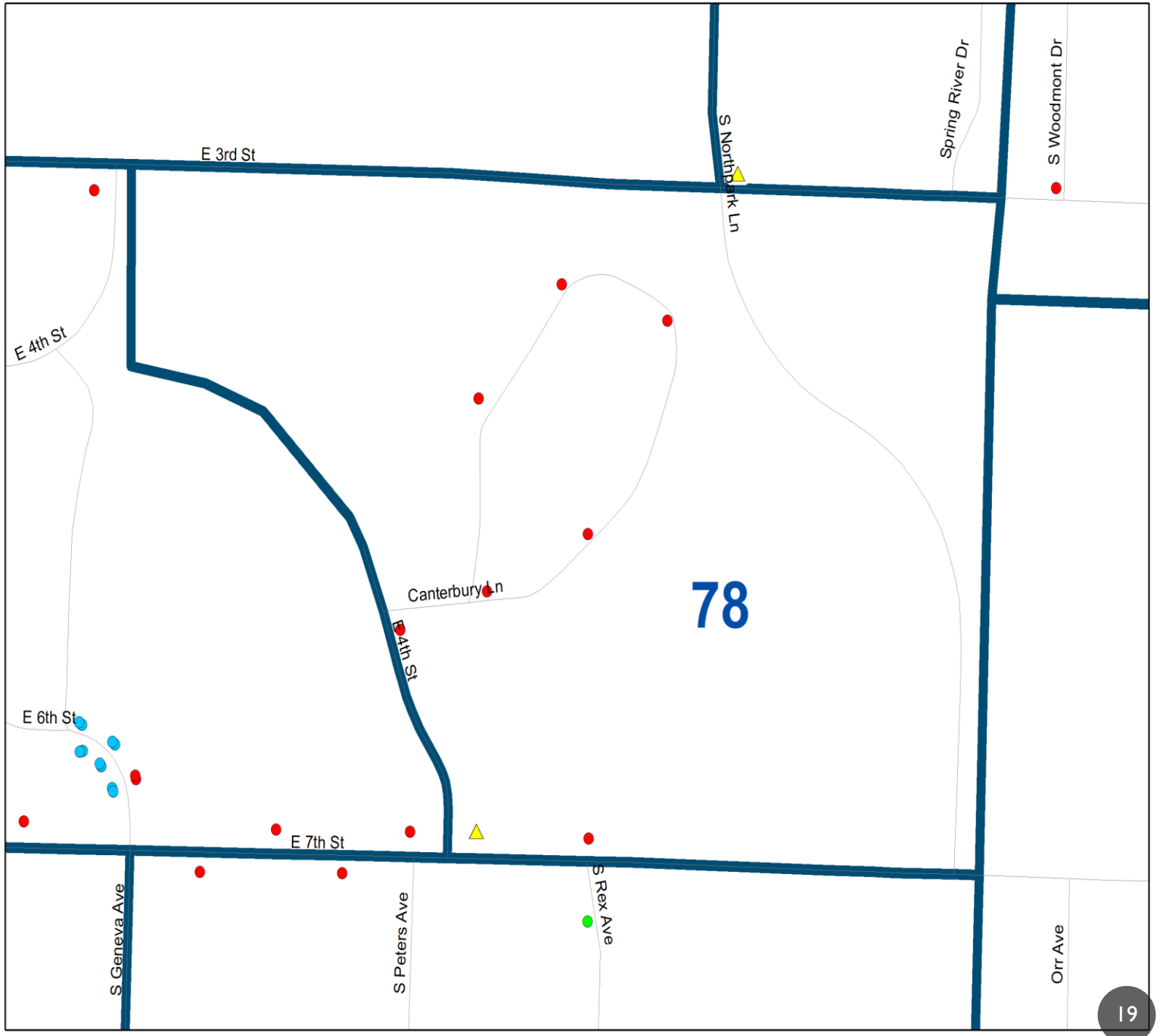
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-214 & PRIGMOR



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

STREETLIGHT ZONE-78



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

STREETLIGHT ZONE-57



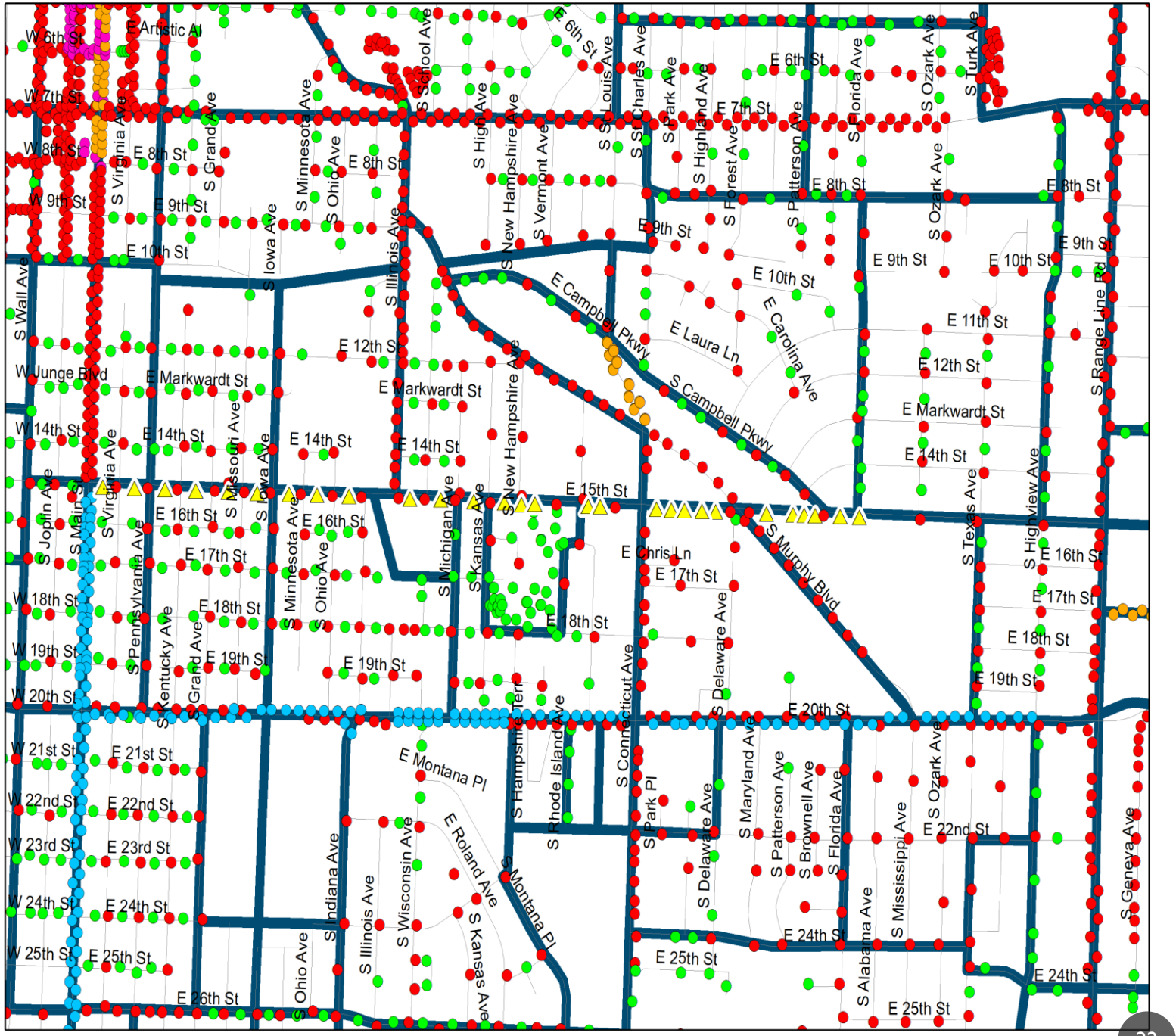
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-4



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

STREETLIGHT ZONE-EAST 15TH-MAIN TO RANGELINE



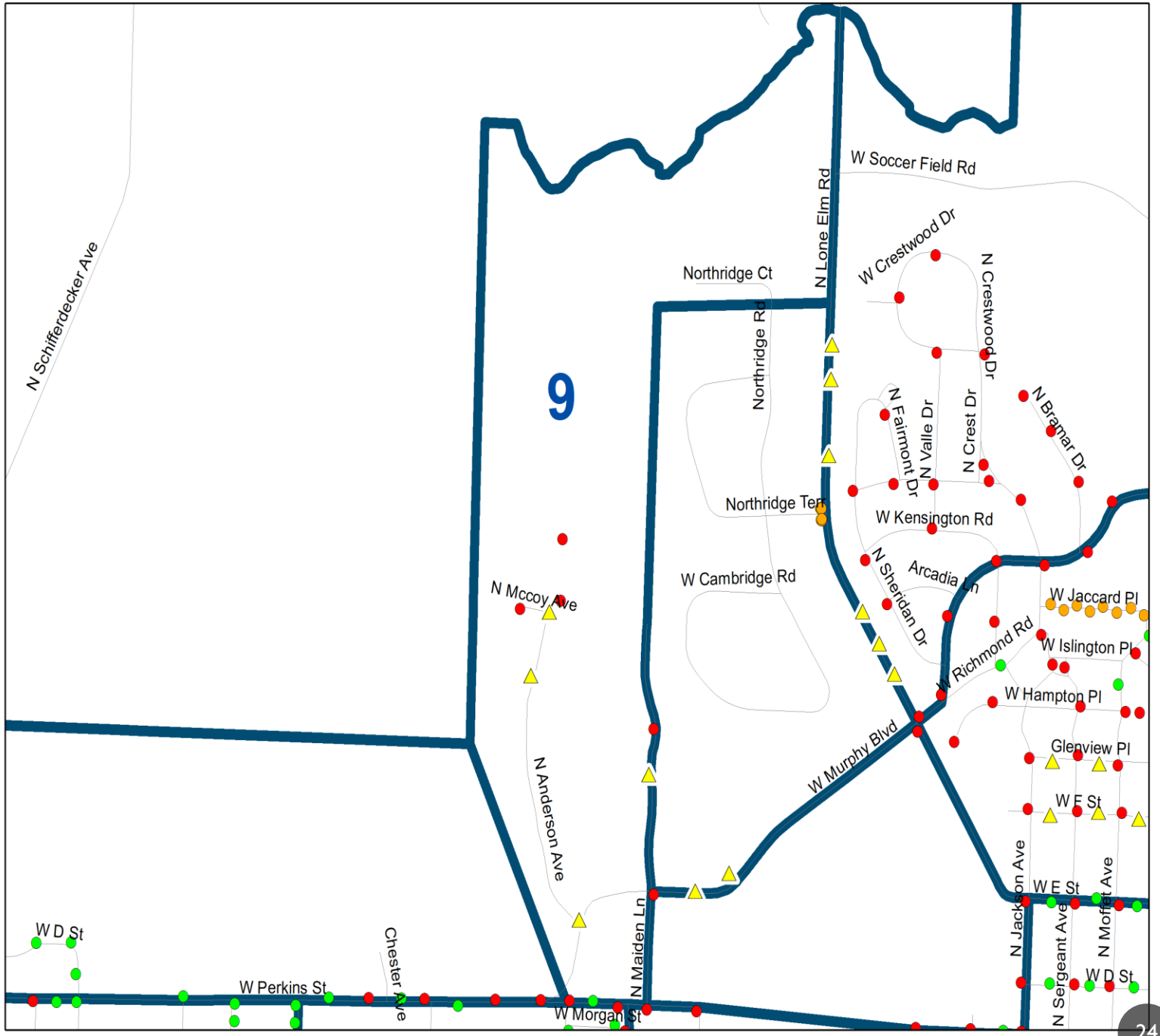
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE- DUQUESNE RD- MSSU AREA



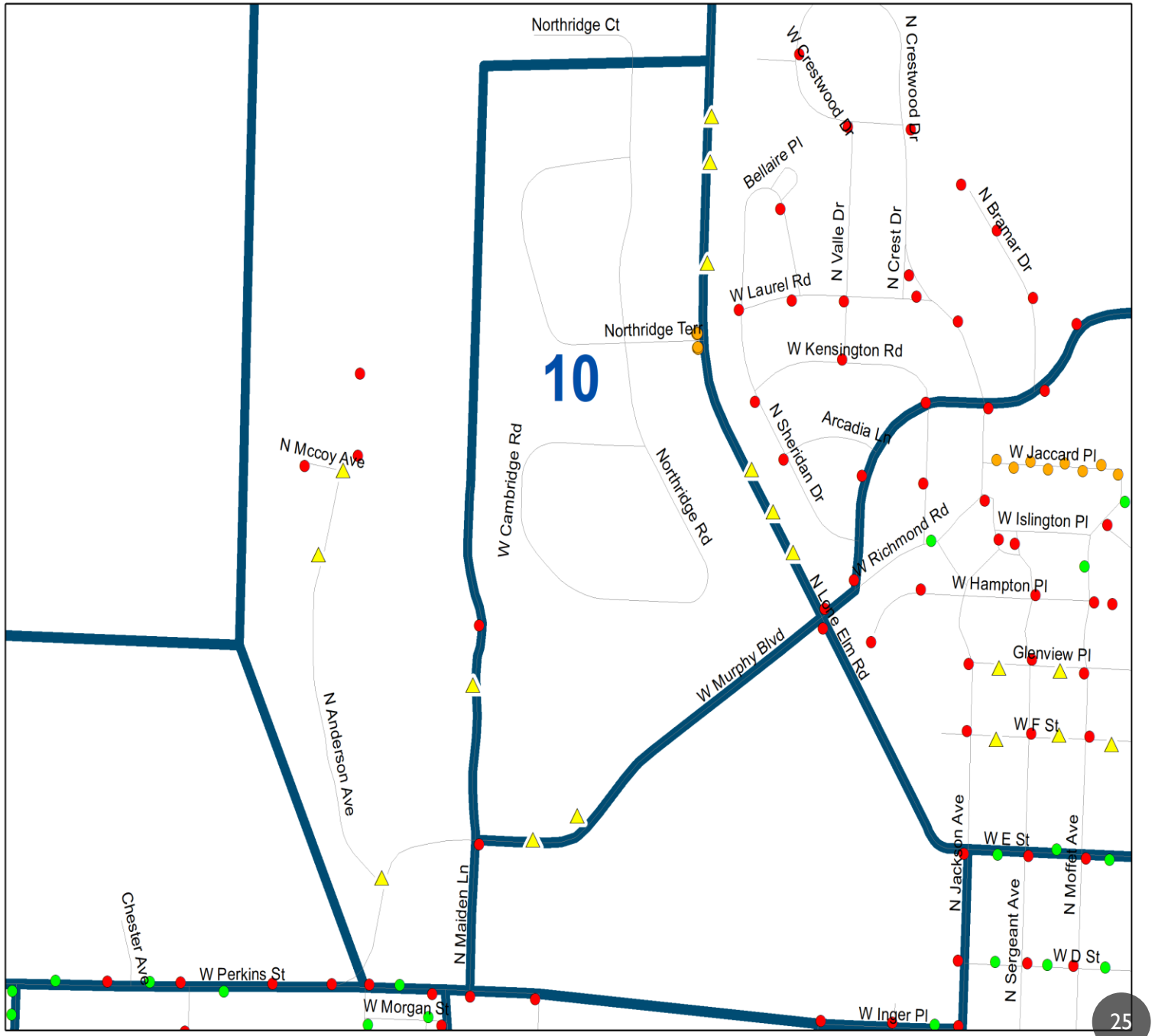
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-9



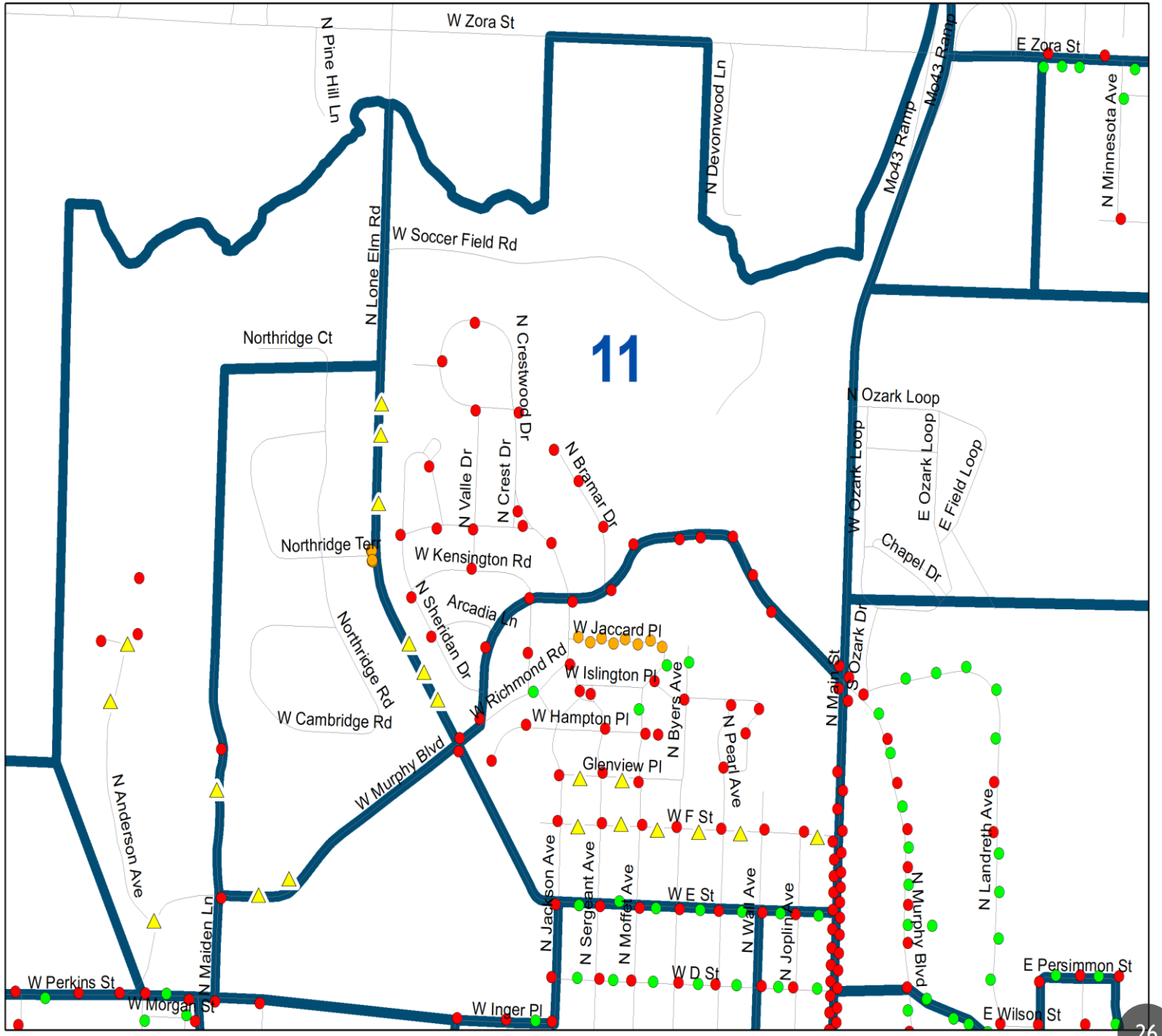
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-10



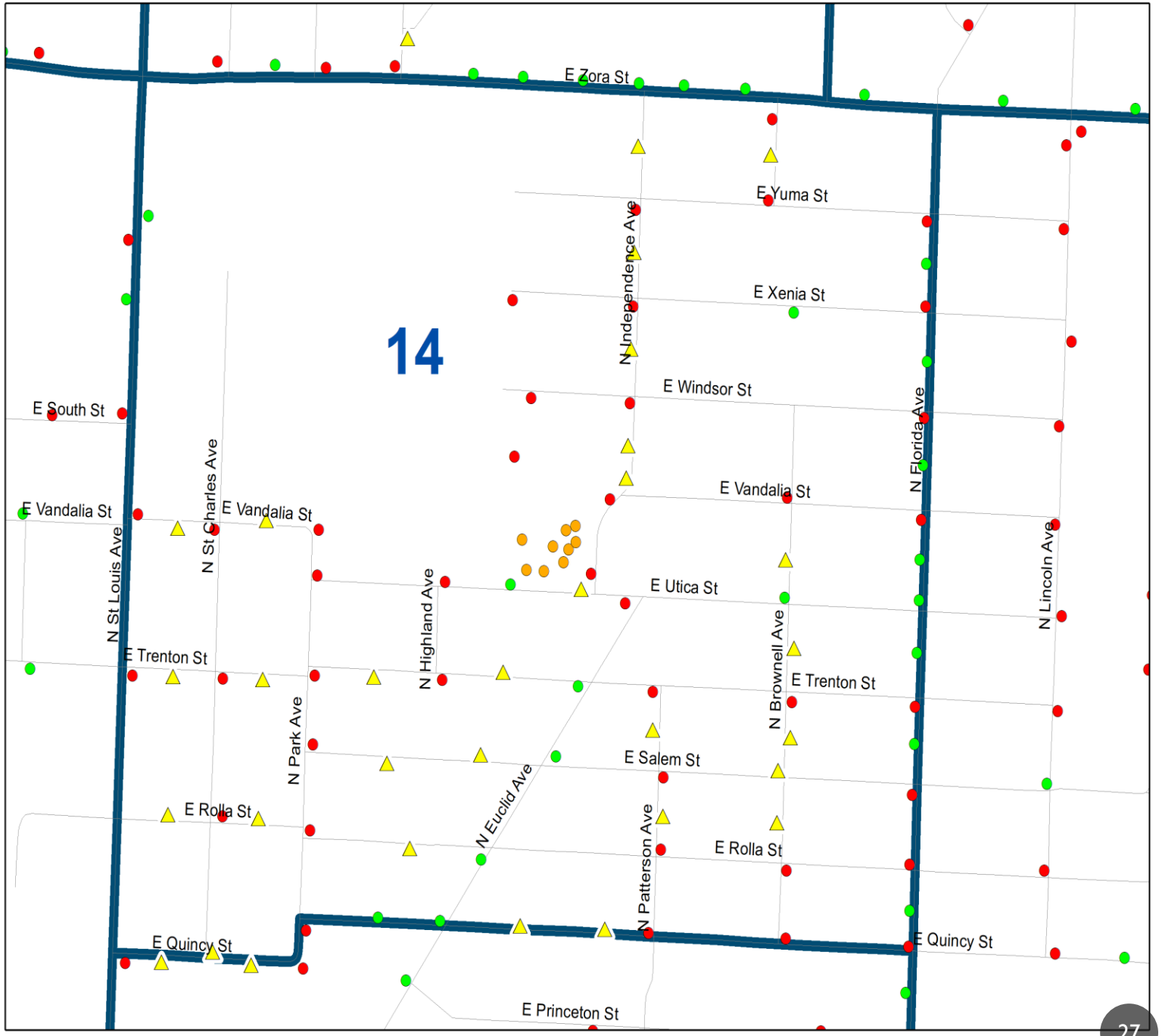
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-11



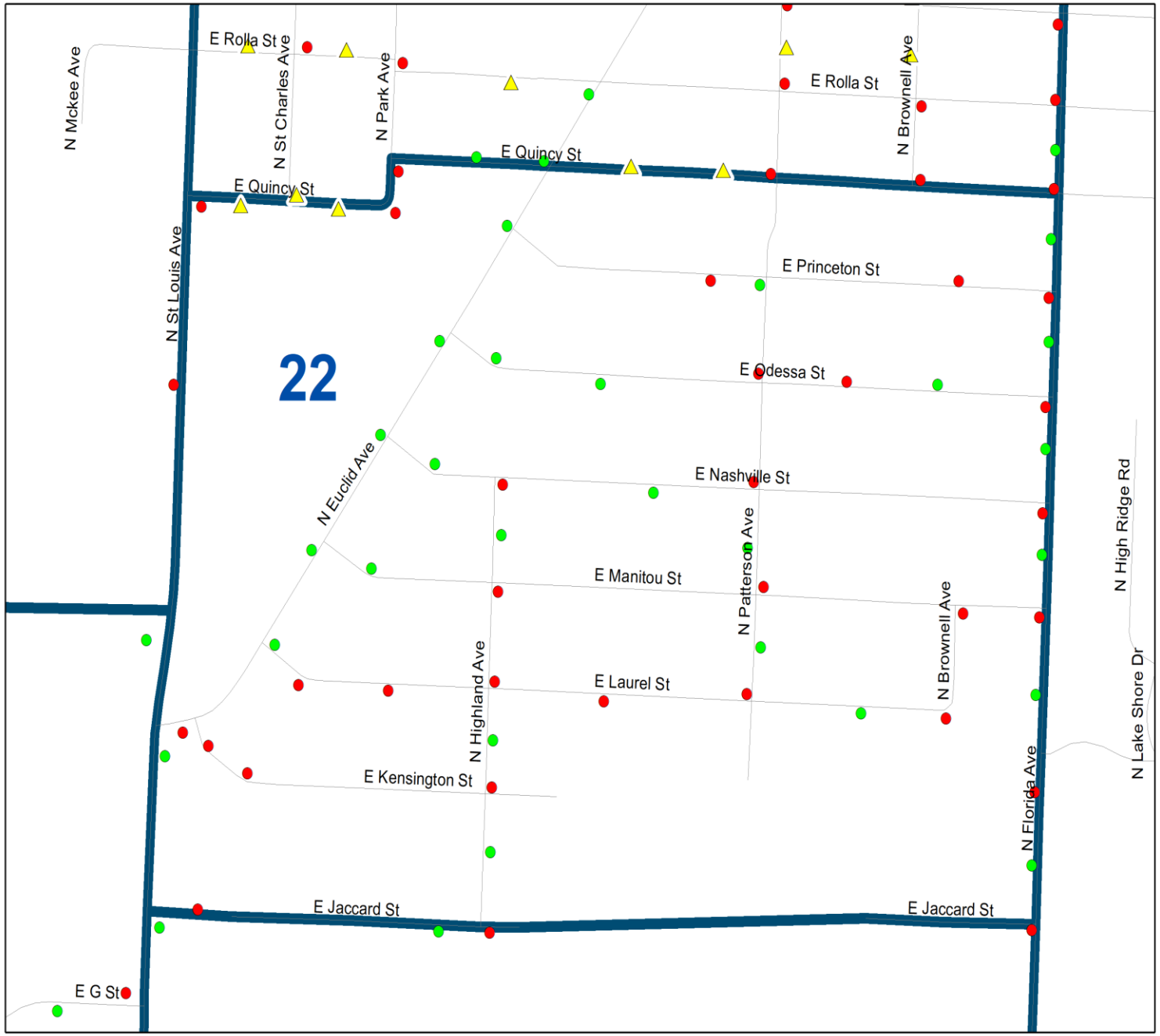
LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

STREETLIGHT ZONE-14



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

STREETLIGHT ZONE-22

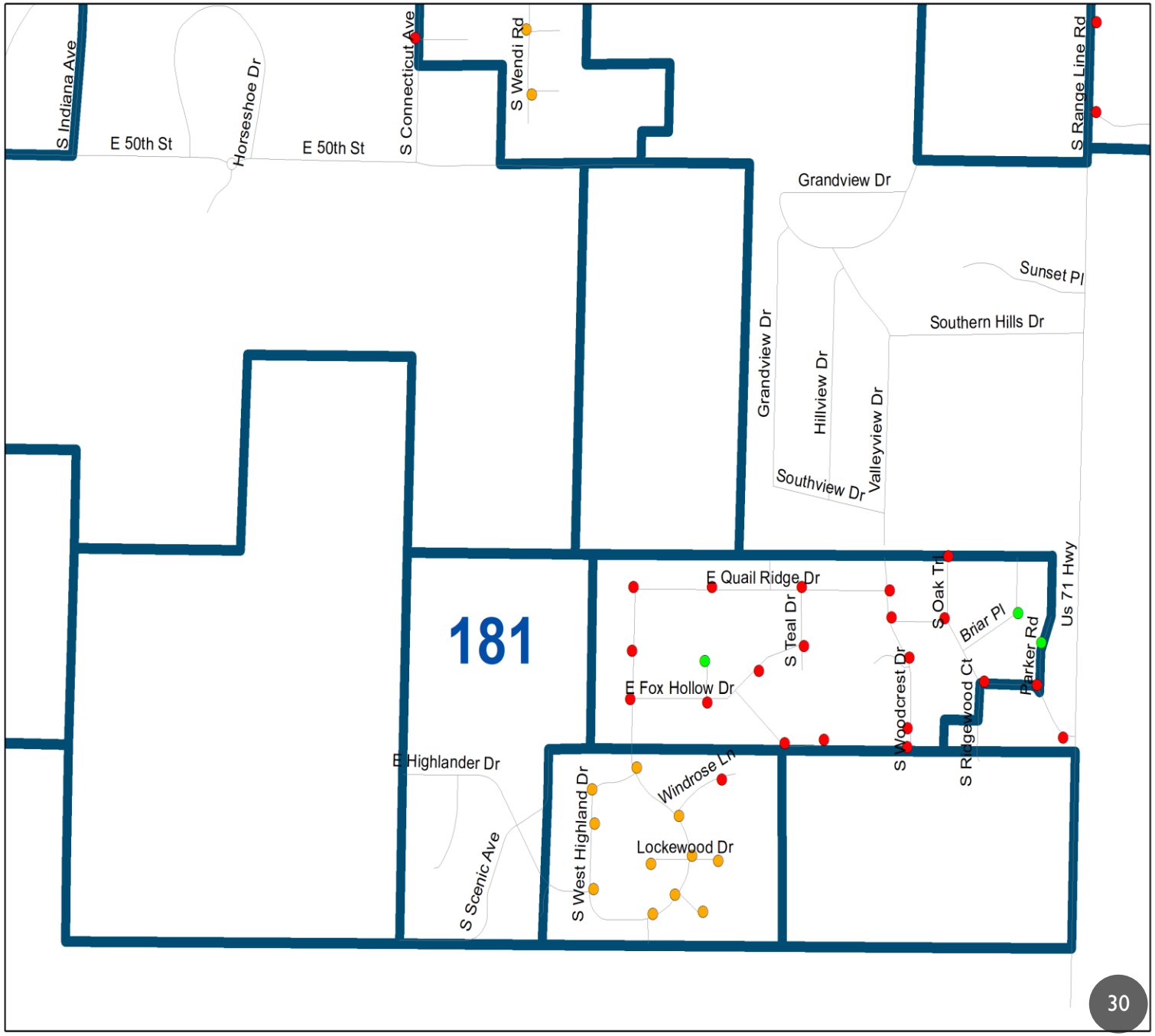


LEGEND:
Green-PSST
Red-TST
Blue-City Metered
Orange-City-Owned TST
Pink-City-Owned PSST
Yellow-PSST To Be Installed

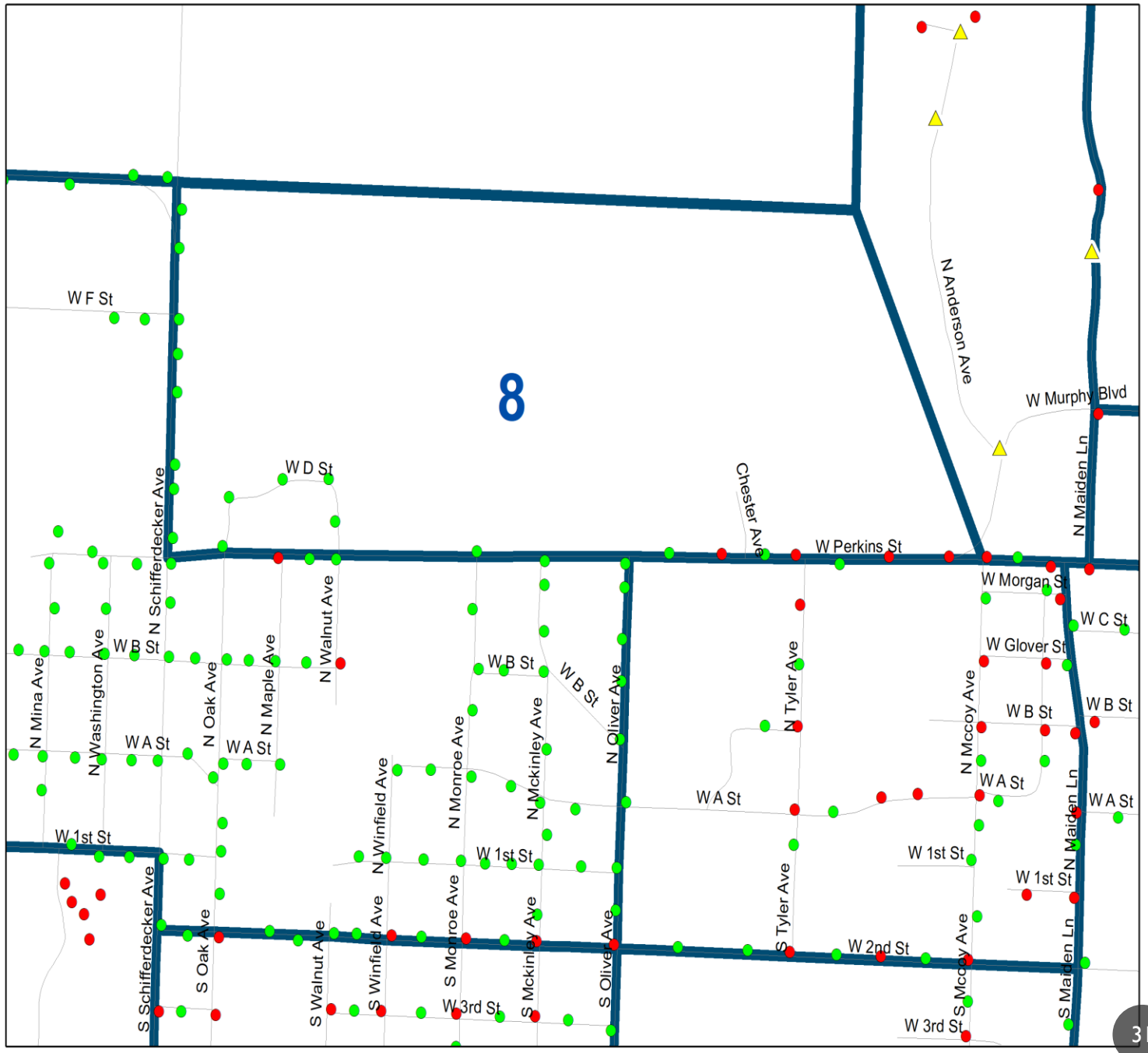
STREETLIGHTS TO BE INSTALLED

- In addition to the previous 187 identified, the following areas are zones requiring streetlight installation without specific known light counts at this point

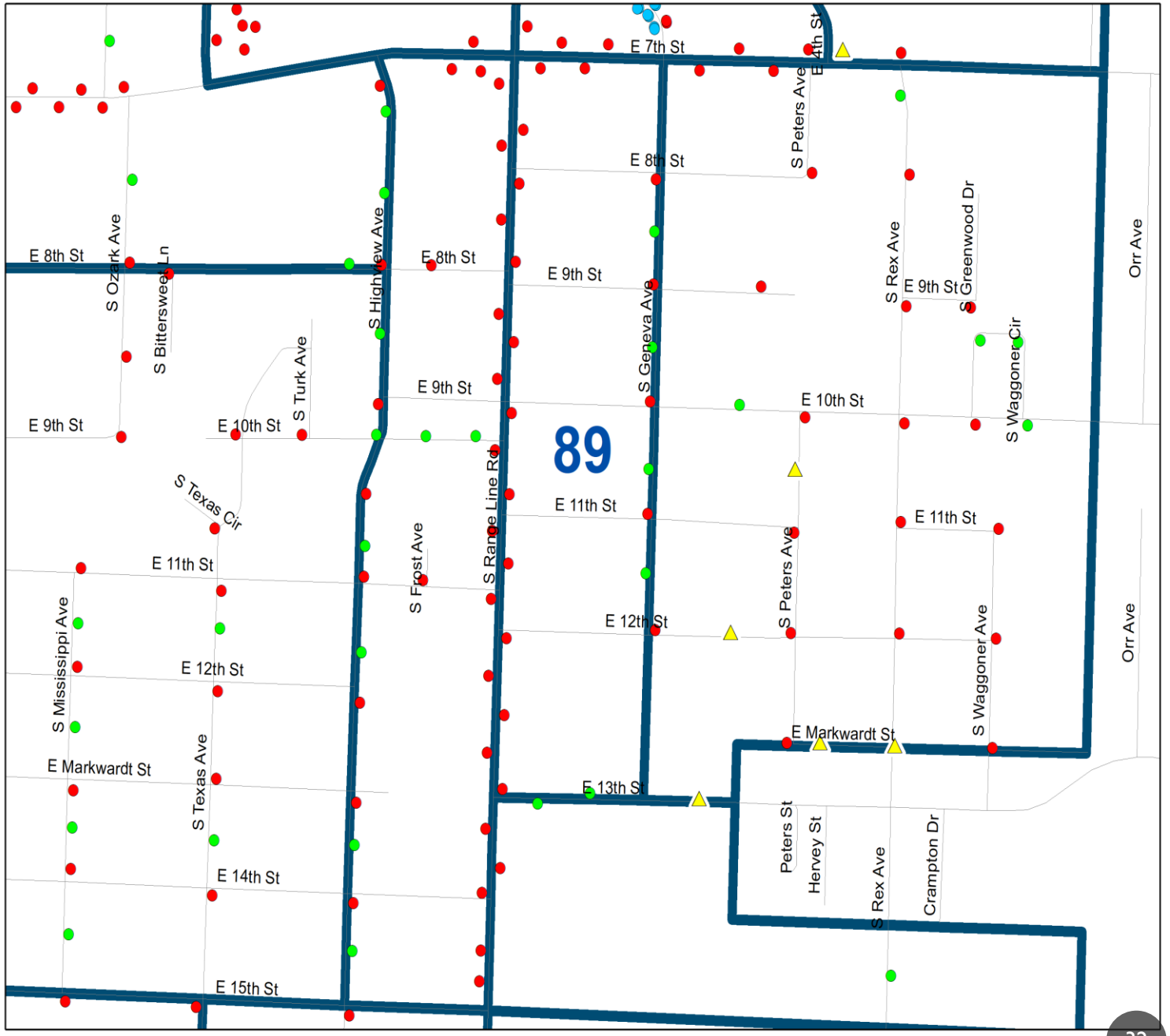
STREETLIGHT ZONE-181



STREETLIGHT ZONE-8



STREETLIGHT ZONE-89



STREETLIGHTS TO BE INSTALLED

- Additional locations have been identified for possible streetlights through various methods including citizen input, SeeClickFix, and staff identification
- The following list indicates additional areas to explore streetlight installation with Liberty Utilities

STREETLIGHTS TO BE EXPLORED

	LIBERTY	CITY
LOCATION	COMMENT	RECOMMENDATION
Cedar Ridge and Cedar Point Neighborhoods	Facilities underground rather than along roadway	Explore possible installation
26th & Central City, Wildwood Ranch Area	Liberty Utilities needs to explore availability on poles	Explore possible installation
Hidden Hills Subdivision	Developer didn't want wood poles wants ornamental	Explore possible installation
3rd and Northpark Lane	Busy pole	Explore possible installation
Brownell & Salem & Windsor	Would require extra poles and tree removal	Explore possible installation
Ivy Ln & Lillian Rd & Shady Ln	Ivy & Lillian possible; No facilities at Shady Ln	Explore possible installation
Rolla St & St Louis Avenue	Possible on St Louis	Explore possible installation
Natalie Ln & Whitney Way, both just E of St Louis	Developer didn't want wood poles	Explore possible installation
Miller Ave & Kennedy St	Possible	Explore possible installation
Laura Ln & 11th & Laura Ct	11th & Laura possible; Laura & Laura Ct no facilities	Explore possible installation
E 42nd & Illinois & Wisconsin	Possible in areas with electric in front	Explore possible installation
Islington Place & Moffet Avenue	Possible	Explore possible installation
24th & Iowa, Minnesota, Ohio	Possible	Explore possible installation
Junge & McKinley	Might be able to add light across street	Explore possible installation
Silver Creek	Possible	Explore possible installation
20th Street & Nighthawk Lane (Owens Corning)	Possible	Explore possible installation
Either End of the new Jackson Ave Bridge	Possible on Glendale side	Explore possible installation
Neighborhood north of MSSU	Liberty Utilities needs to explore location of facilities	Explore possible installation

STREETLIGHT TYPE AND TIMING

- All future streetlights installed will be of the highest quality possible given any infrastructure constraints at the proposed location
- Before installation, Liberty will provide City staff the proposed locations, streetlight numbers, type(s) of pole and underground/above ground information prior to approving the work order
- Upon approval of the final streetlight plan, Liberty will begin the process for installation of the 187 lights as soon as possible based upon product delivery and staffing availability

STREETLIGHT PROGRAM

- Liberty and staff will finalize the listing of PSST lights to be installed in the other three zones and identified areas and begin installation of those lights as well
- In addition to the PSST lights, the TST streetlight program was also put on hold at the same time
- With the installation of these remaining lights, the TST program will be re-instated and lights will be installed along any new major corridors

CITIZEN STREETLIGHT REQUEST PROCESS

- Citizens will also have the ability to request lighting for public streets or rights-of-way through a newly established program administered by the Public Work's Department

<u>Requests:</u>

✓ Dependent upon availability of electrical service at the proposed location

✓ Dependent upon available City resources

✓ In residential areas, majority of surrounding residents must be in favor

✓ Require evaluation by Liberty Utilities with final approval by City

FUTURE STREETLIGHTS: SUBDIVISION REQUIREMENTS

Future Installation:

- ✓ Current subdivision regulations require developer to be responsible for all costs of providing street lighting in a new subdivision
- ✓ Current code requires the City, through Liberty, to install streetlights, but at the cost of the developer
- ✓ If the developer doesn't comply with this provision up front, they must submit a performance bond guaranteeing the streetlights will be installed

FUTURE STREETLIGHTS

Future:

- ✓ City staff has an established process with Liberty Utilities to install streetlights, including regular meetings to coordinate streetlight installation
- ✓ City staff will continue to update and maintain the streetlight map
- ✓ When new streetlights are installed as described, those at intersections will be funded through TST, while any lights at mid-block will be funded through PSST

STREETLIGHT UPDATE

- Questions??