Roadway or Street Light GIS Inventory Map

The "***DOT Map***"

Overview & Guide

City of Glendale Example GIS Based Roadway Lighting Inventory "Spread Sheet with a Map"

Home»Live»City Services»Transportation Services»Street Lights»**Street Light Manual & Guidelines**

Street Light Manual & Guidelines

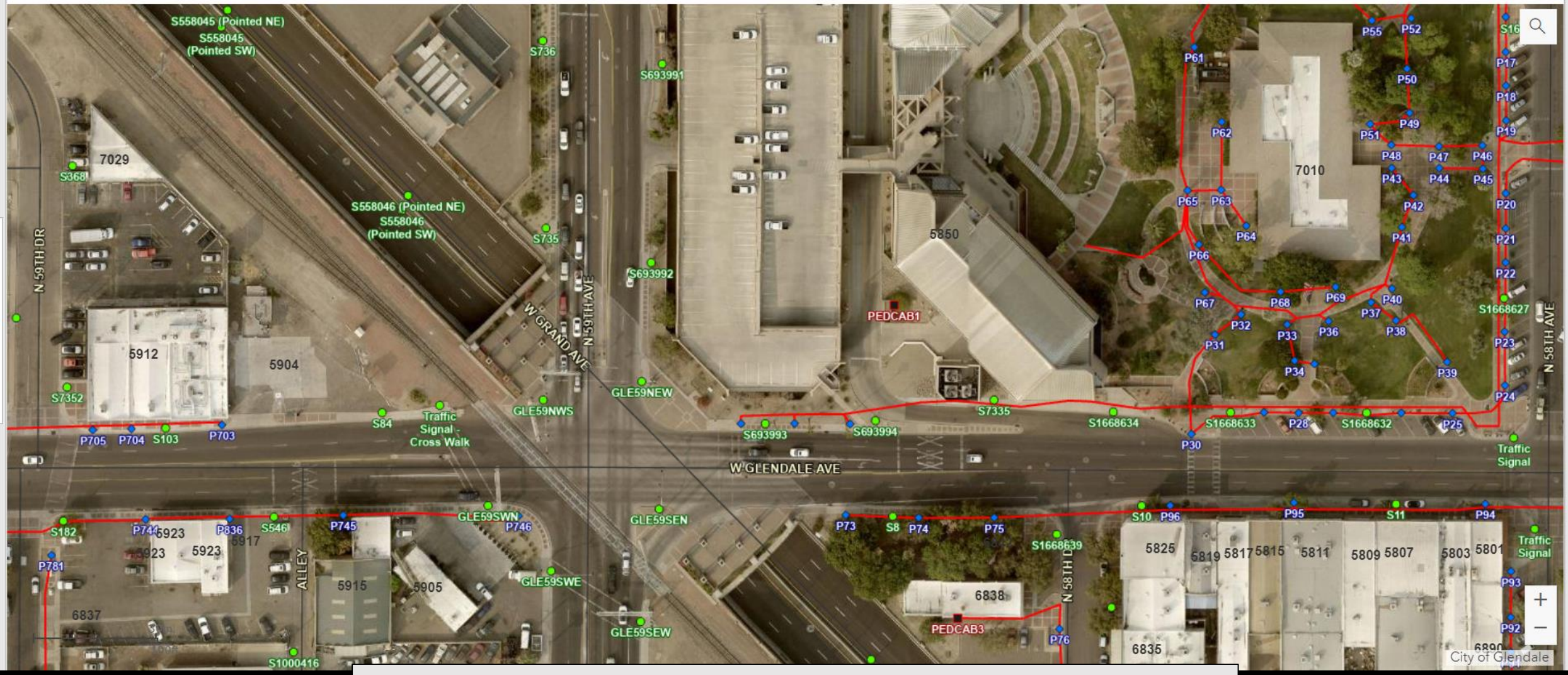
New development and capital improvement projects require the City of Glendale Roadway or Street Lighting guide to be followed.

The city's street lighting program wants to support planners and other stakeholders who are working with or near street lighting and related assets. Below is critical information regarding street lighting assets including General Notes for street lighting plans and specifications for poles, mast arms, and photocells. To review current GIS information showing the approximate location of street light and pedestrian light poles, pole numbers, and the approximate location of city-owned and -maintained underground wire, click on the following link - **GIS Map**

Click this link to Access The "DOT Map"

Streetlights, Pedestrian Lights, Cabinets, Wiring

Click this link to see lighting specifications, manual, and guidelines

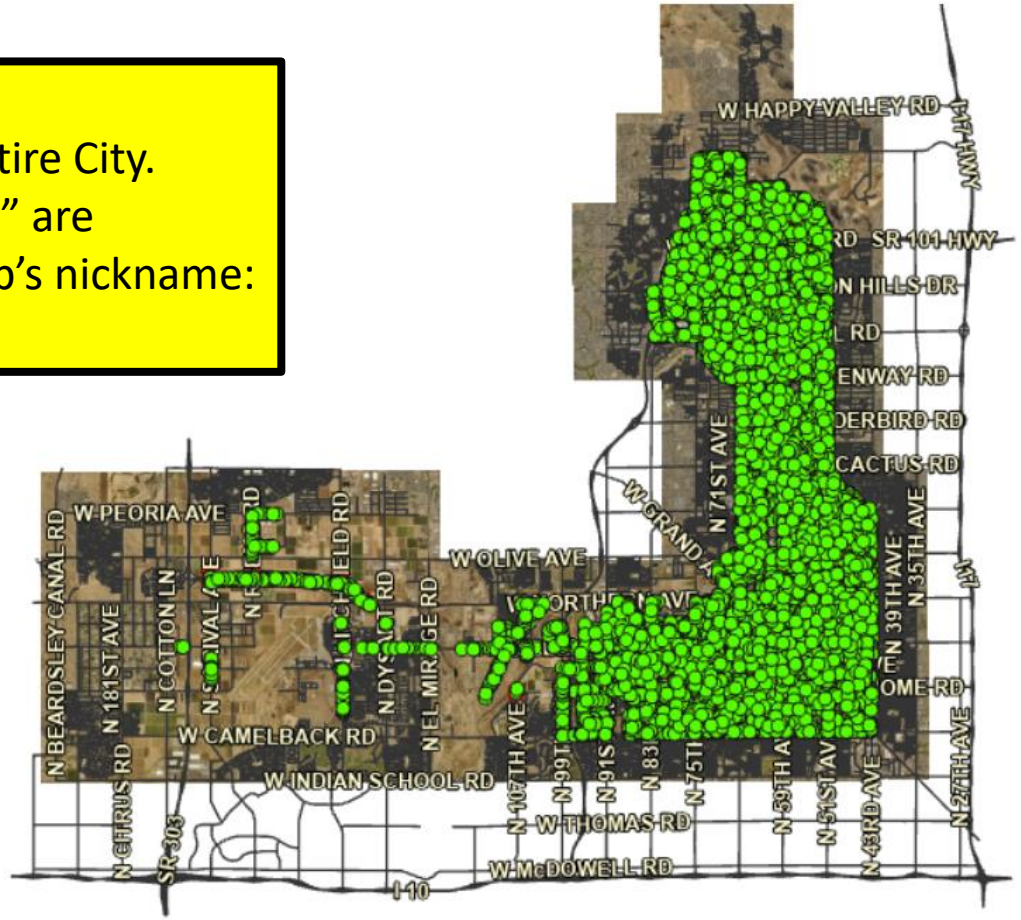


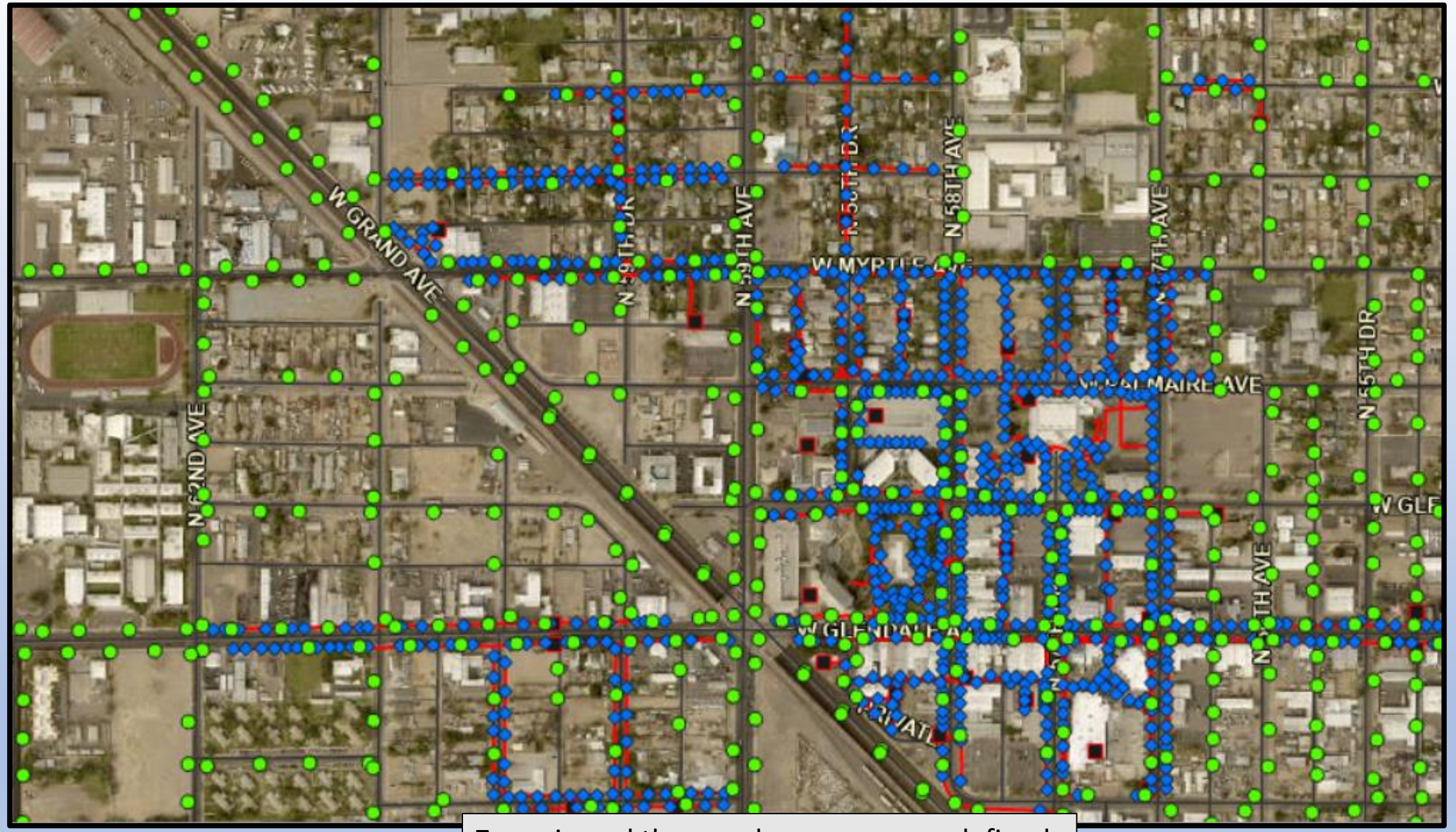
Click on the GIS Map and it will start you out at City Hall in downtown.

Streetlights, Pedestrian Lights, Cabinets, Wiring

Click this link to see lighting specifications, manual, and guidelines

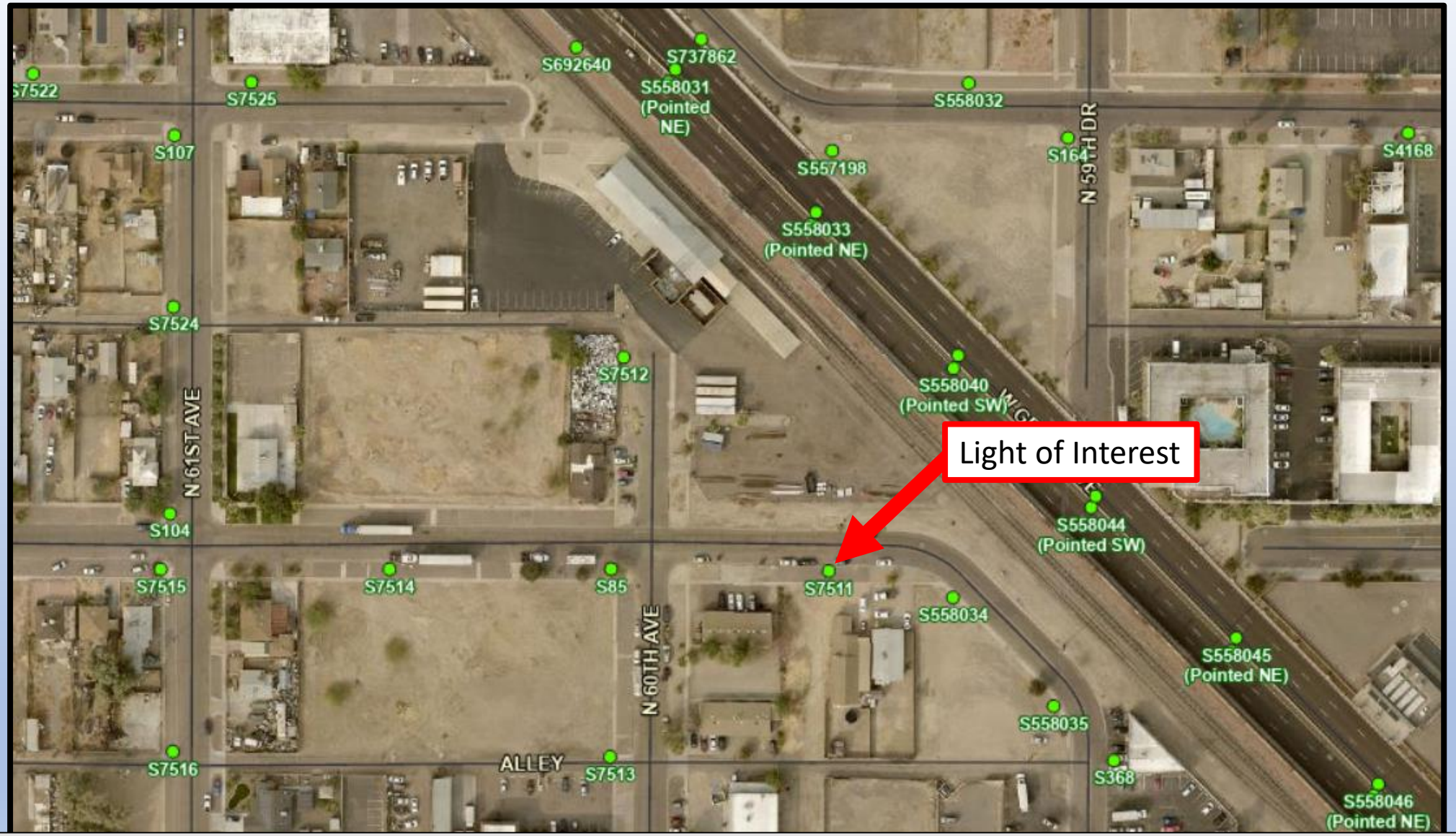
Zoom out and
the map covers the entire City.
All the green “DOTs” are
streetlights… hence the map’s nickname:
The DOT Map.





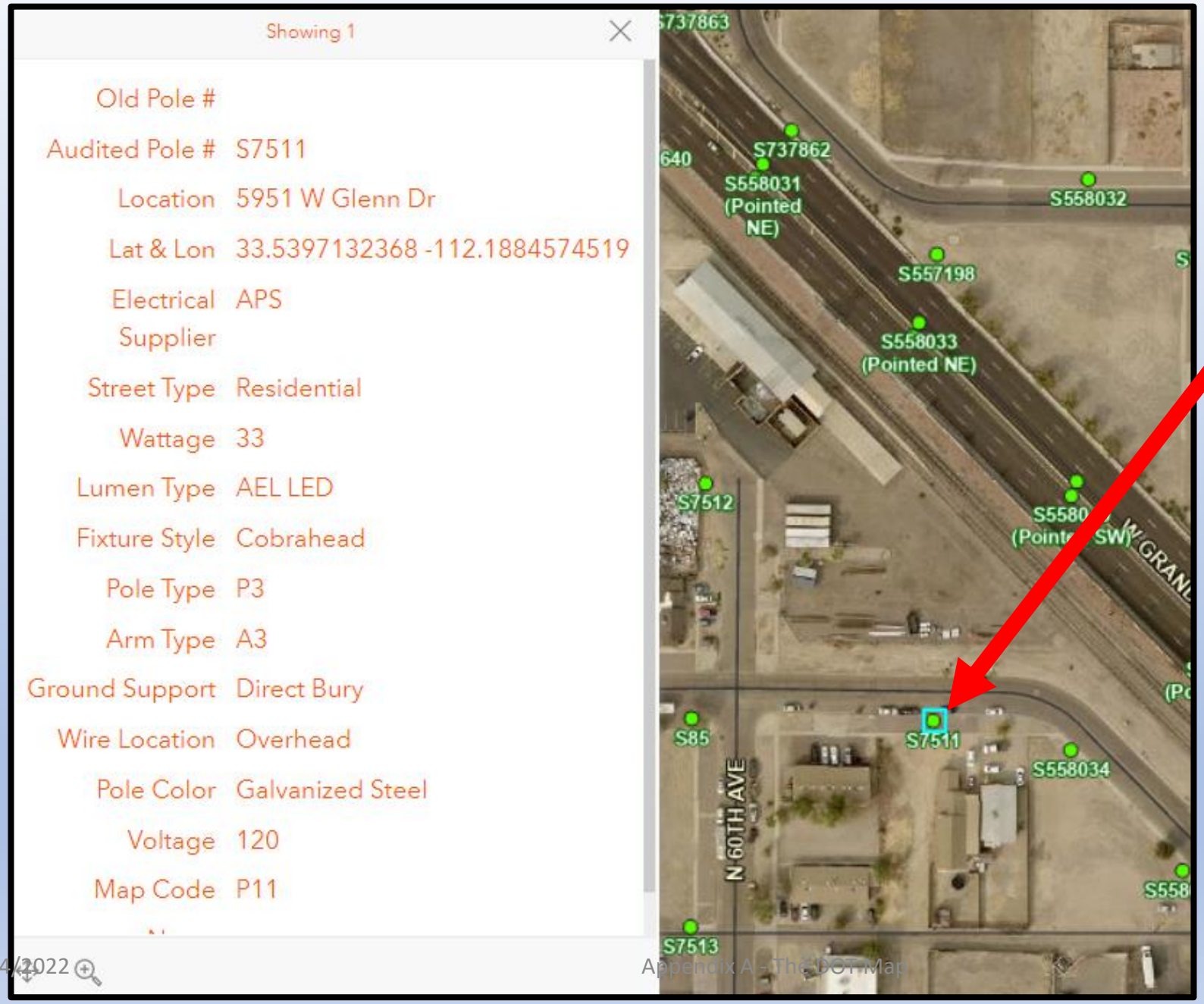
Zoom in and the map becomes more defined

Example – APS Service Area – City Owned Roadway Light with Secondary Direct Service - Overhead



Zoom in close enough and the pole number will emerge. The “S” prefix means the light is in APS Service Area.

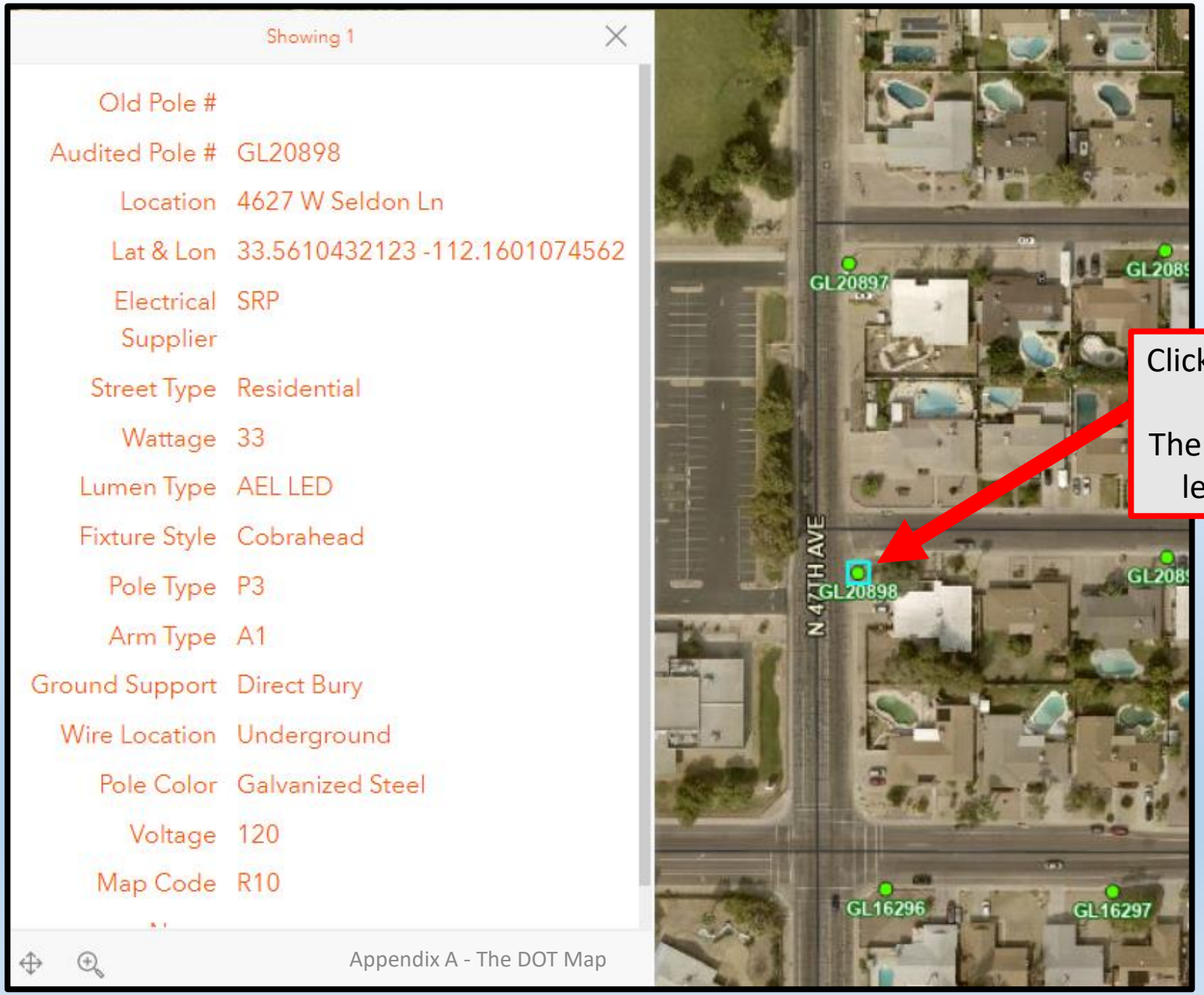
Example – APS Service Area – City Owned Roadway Light with Secondary Direct Service - Overhead



Click on Pole Dot S7511
The table to the left pops up
Sheet 1 of 2

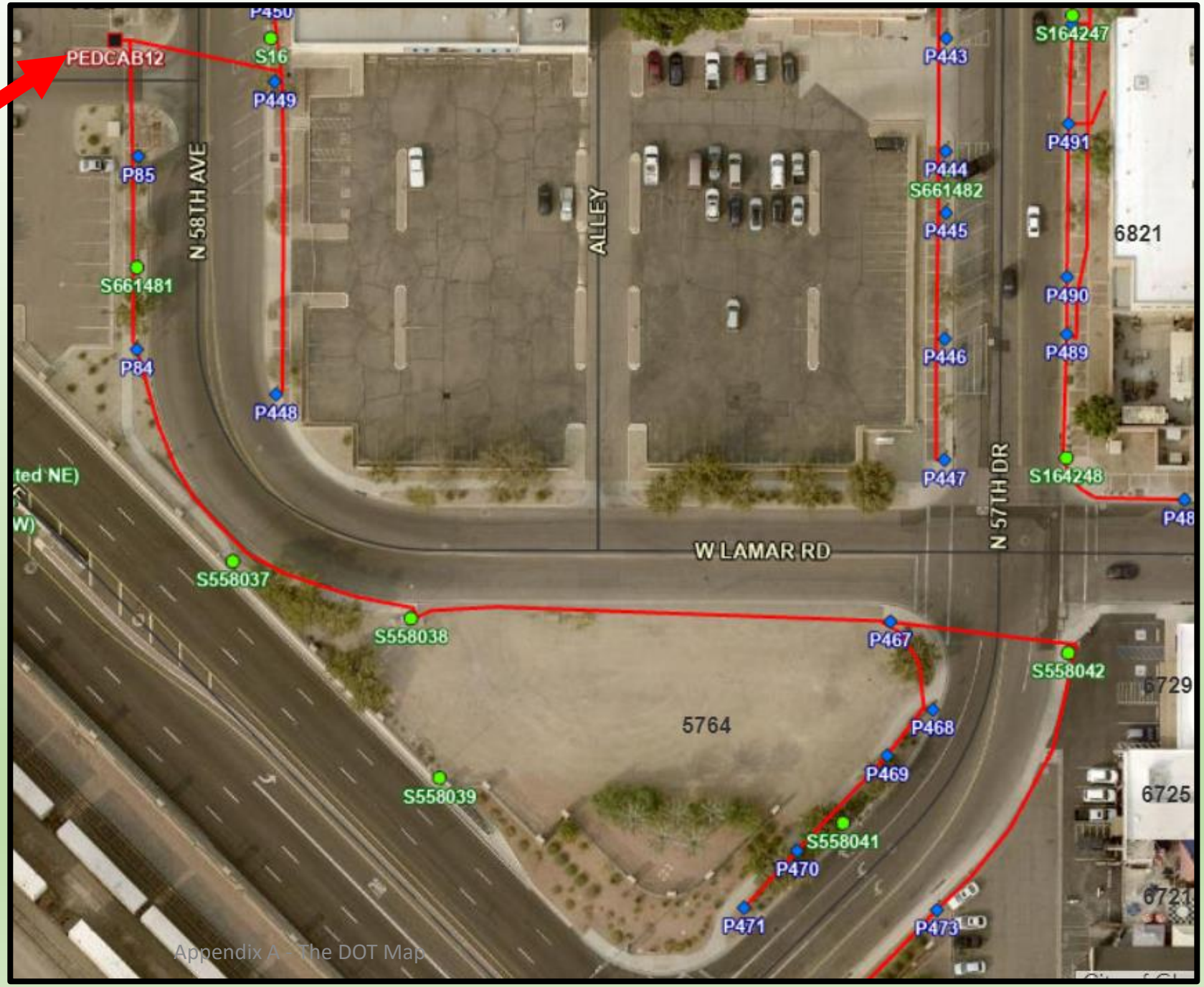
Pole #
S7511
Secondary Direct
Overhead
Embedded Pole
APS Style
Sheet 2 of 2

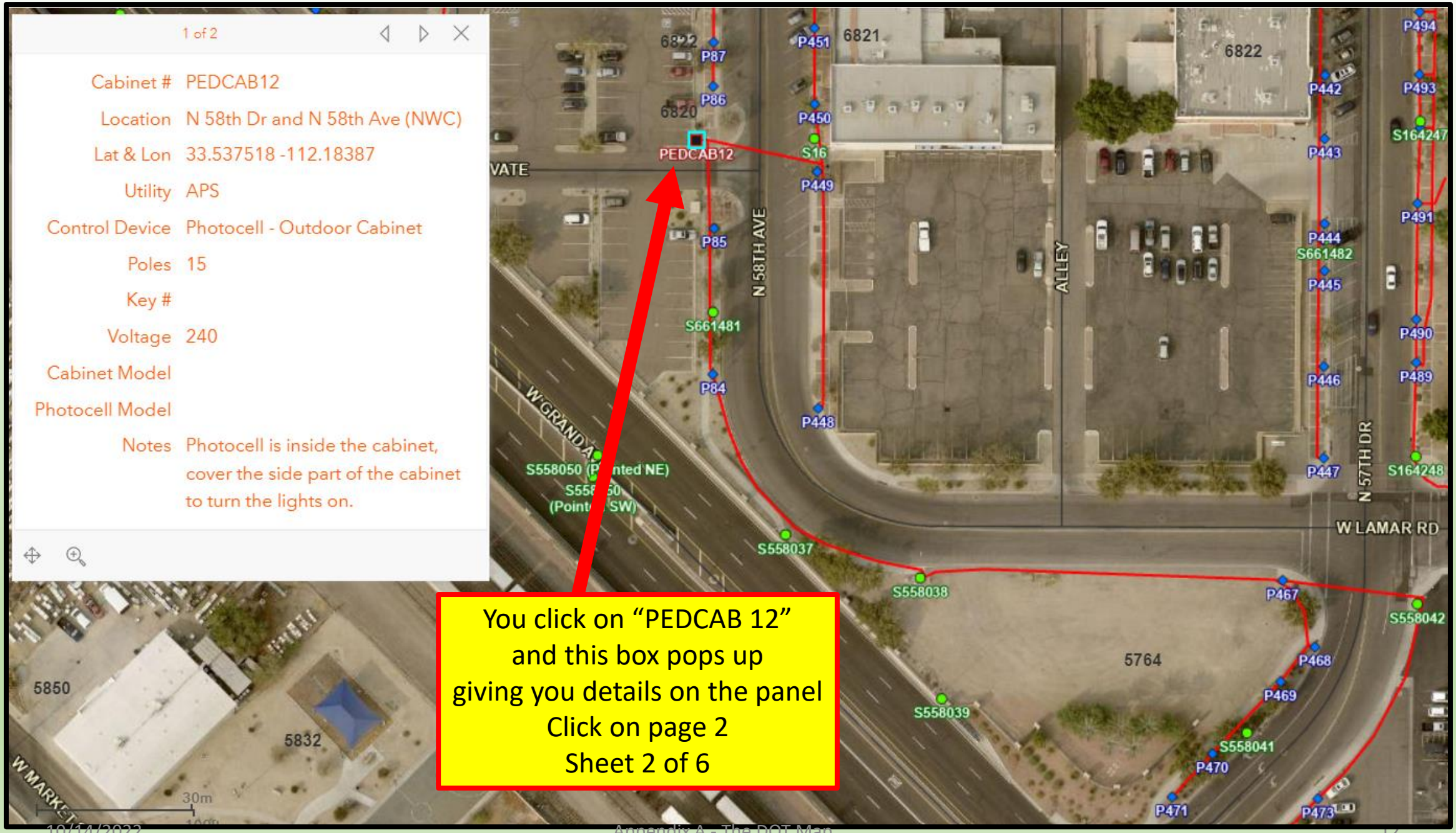
Example
Light in
SRP Service Area
City Owned Roadway Light
With Secondary Direct
Underground Electrical
Service from SRP.
Sheet 1 of 2

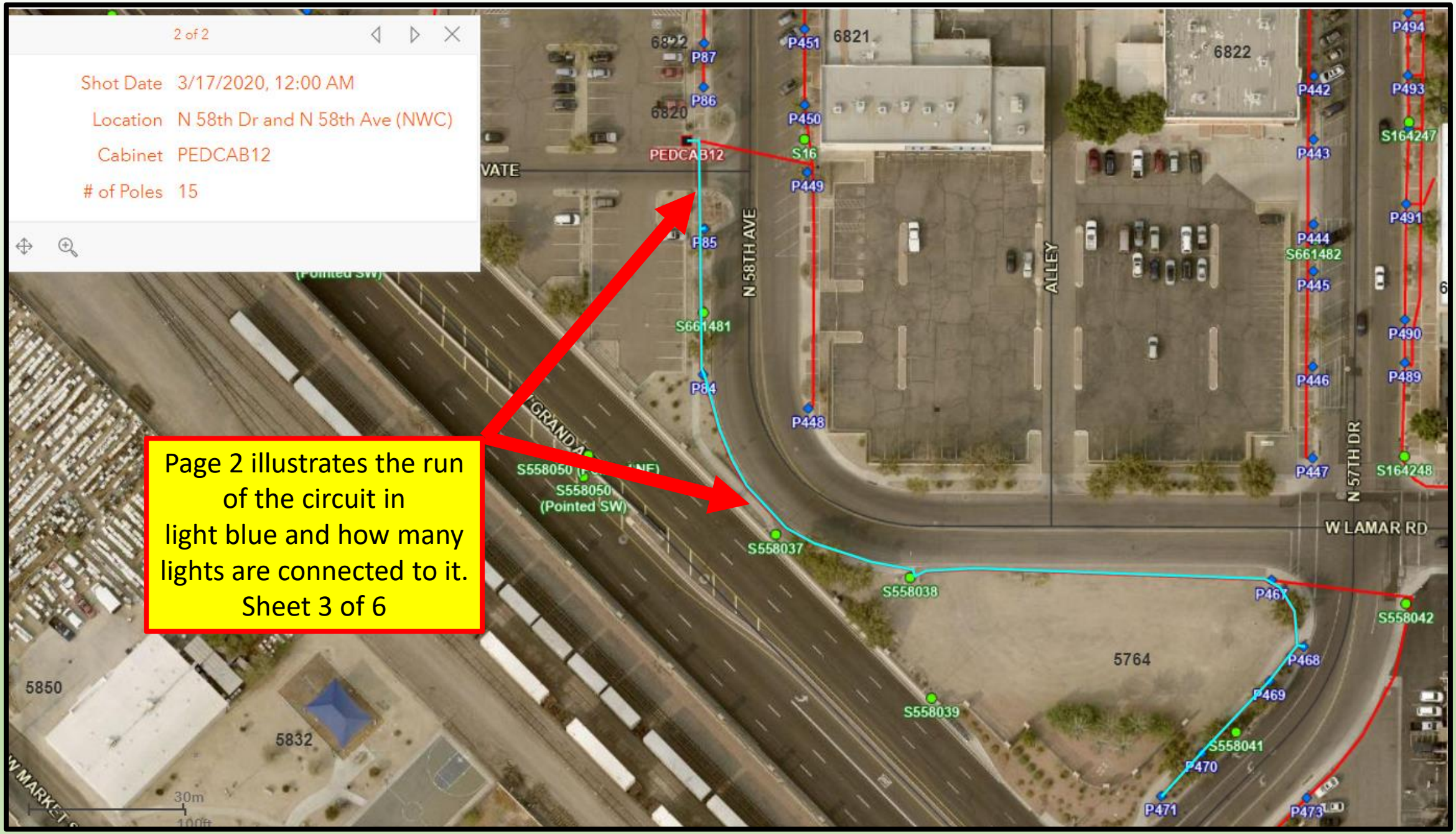


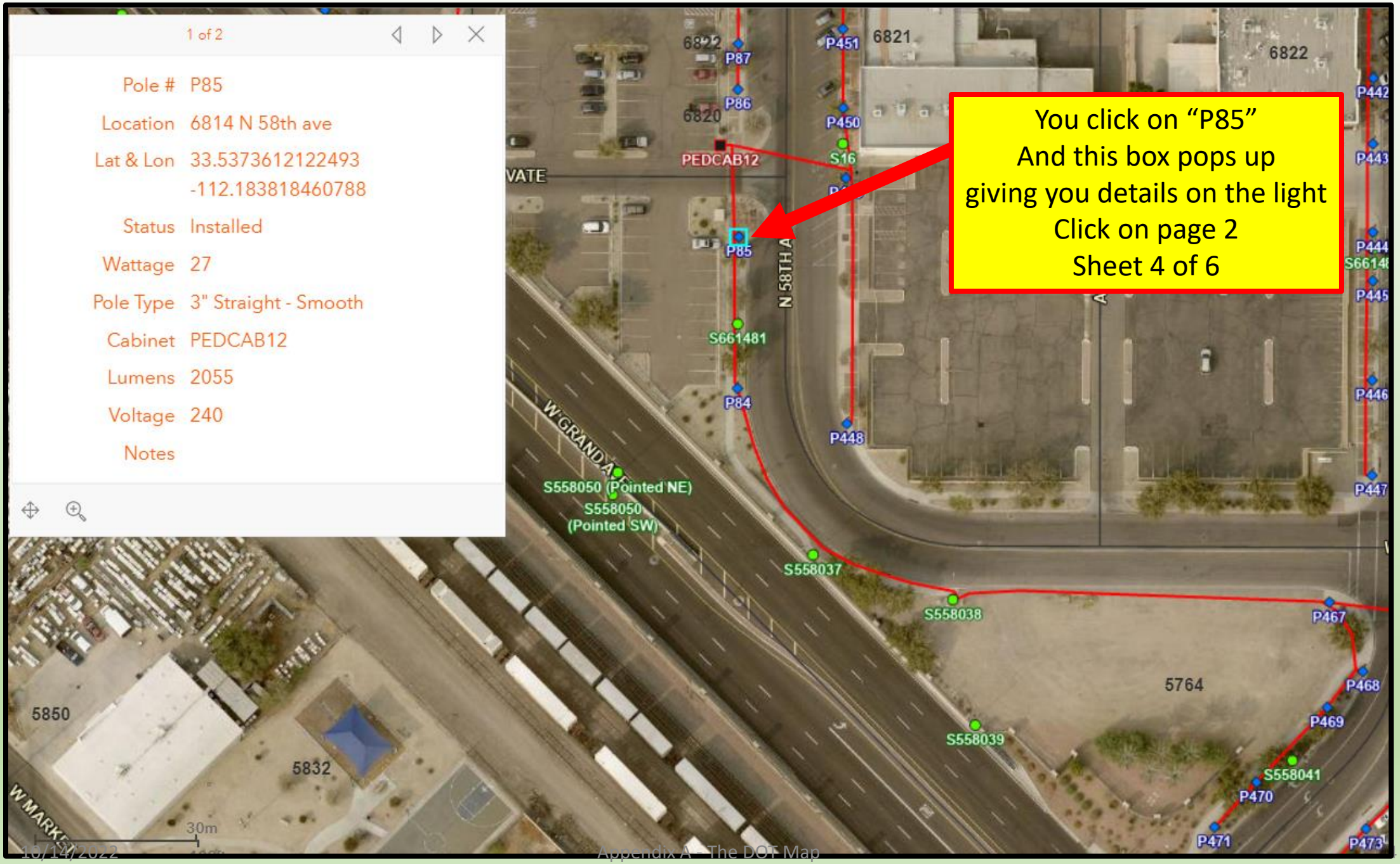
Pole GL20898
SRP Streamline with
4.5-foot Arm
Sheet 2 of 2

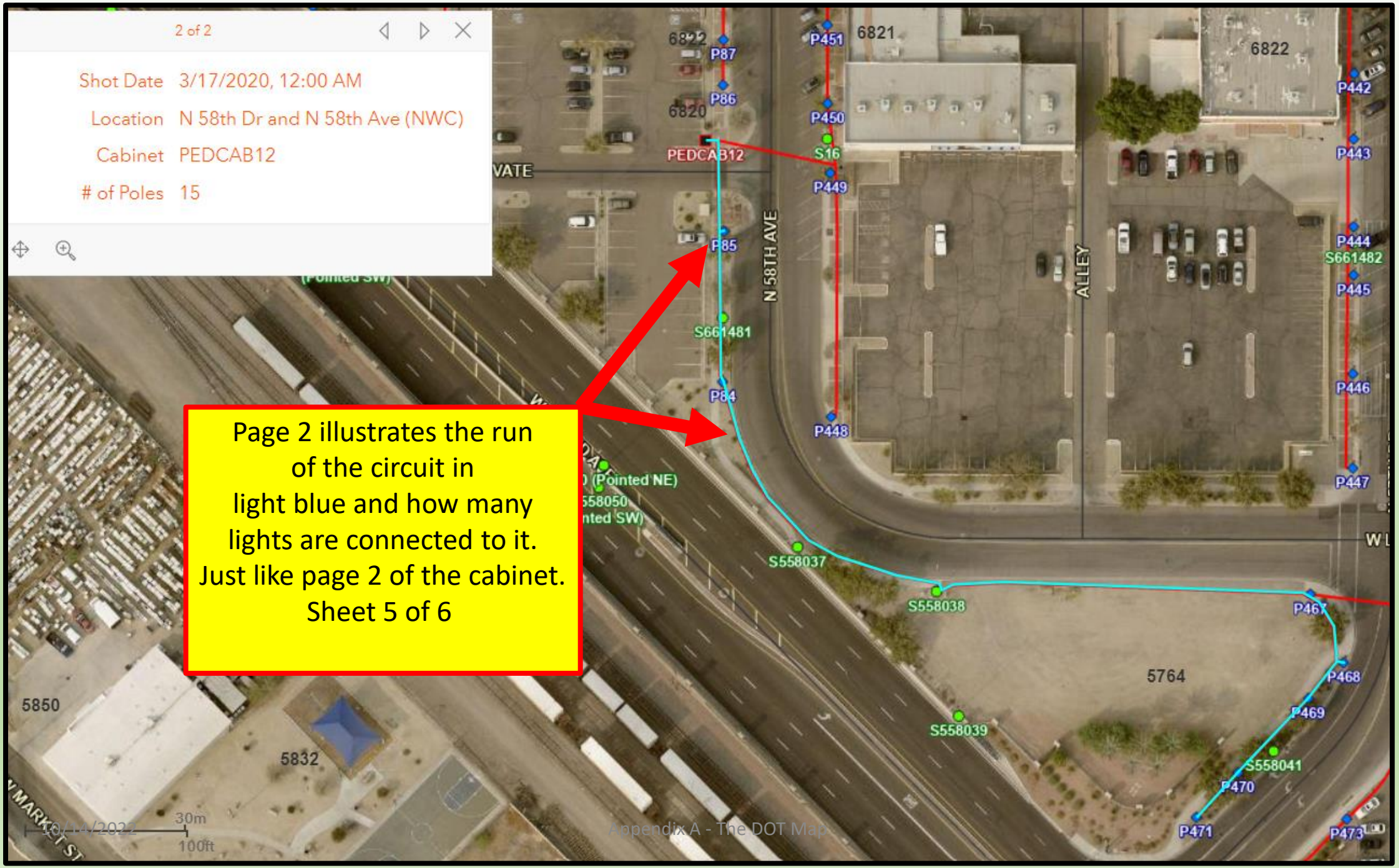
Example
Lights Connected to
City Owned Meter Cabinet
Called “PEDCAB 12”
Sheet 1 of 6




1 of 2
Cabinet # PEDCAB12
Location N 58th Dr and N 58th Ave (NWC)
Lat & Lon 33.537518 -112.18387
Utility APS
Control Device Photocell - Outdoor Cabinet
Poles 15
Key #
Voltage 240
Cabinet Model
Photocell Model
Notes Photocell is inside the cabinet, cover the side part of the cabinet to turn the lights on.
PEDCAB12
N 58TH AVE
ALLEY
N 57TH DR
W LAMAR RD
W GRANDA
W MARKET
6821
6822
6820
5764
5850
5832
30m
You click on “PEDCAB 12”
and this box pops up
giving you details on the panel
Click on page 2
Sheet 2 of 6


2 of 2
Shot Date 3/17/2020, 12:00 AM
Location N 58th Dr and N 58th Ave (NWC)
Cabinet PEDCAB12
# of Poles 15
Page 2 illustrates the run of the circuit in light blue and how many lights are connected to it. Sheet 3 of 6
PEDCAB12
P87
P86
P85
P84
P451
P450
S16
P449
P448
S661481
S558050
S558050 (Pointed SW)
S558037
S558038
S558039
S558041
S558042
P467
P468
P469
P470
P471
P473
P494
P493
S164247
P491
P490
P489
S164248
P442
P443
P444
S661482
P445
P446
P447
N 58TH AVE
ALLEY
N 57TH DR
W LAMAR RD
6822
6821
6820
5764
5850
5832
30m
100ft


1 of 2
Pole # P85
Location 6814 N 58th ave
Lat & Lon 33.5373612122493
-112.183818460788
Status Installed
Wattage 27
Pole Type 3" Straight - Smooth
Cabinet PEDCAB12
Lumens 2055
Voltage 240
Notes
You click on "P85"
And this box pops up
giving you details on the light
Click on page 2
Sheet 4 of 6
P85
P84
P86
P87
P451
P450
P448
PEDCAB12
S16
S661481
S558050 (Pointed NE)
S558050 (Pointed SW)
S558037
S558038
S558039
S558041
P467
P468
P469
P470
P471
P473
P442
P443
P444
P445
P446
P447
6822
6821
6820
5850
5832
5764
N 58TH A
W GRANDA
30m


2 of 2
Shot Date 3/17/2020, 12:00 AM
Location N 58th Dr and N 58th Ave (NWC)
Cabinet PEDCAB12
# of Poles 15
Page 2 illustrates the run of the circuit in light blue and how many lights are connected to it. Just like page 2 of the cabinet. Sheet 5 of 6
PEDCAB12
P87
P86
P85
P84
P451
P450
S16
P449
P448
P442
P443
P444
S661482
P445
P446
P447
S661481
S558037
S558038
S558039
S558041
P467
P468
P469
P470
P471
P473
N 58TH AVE
ALLEY
6822
6821
6820
5764
5850
5832
30m
100ft

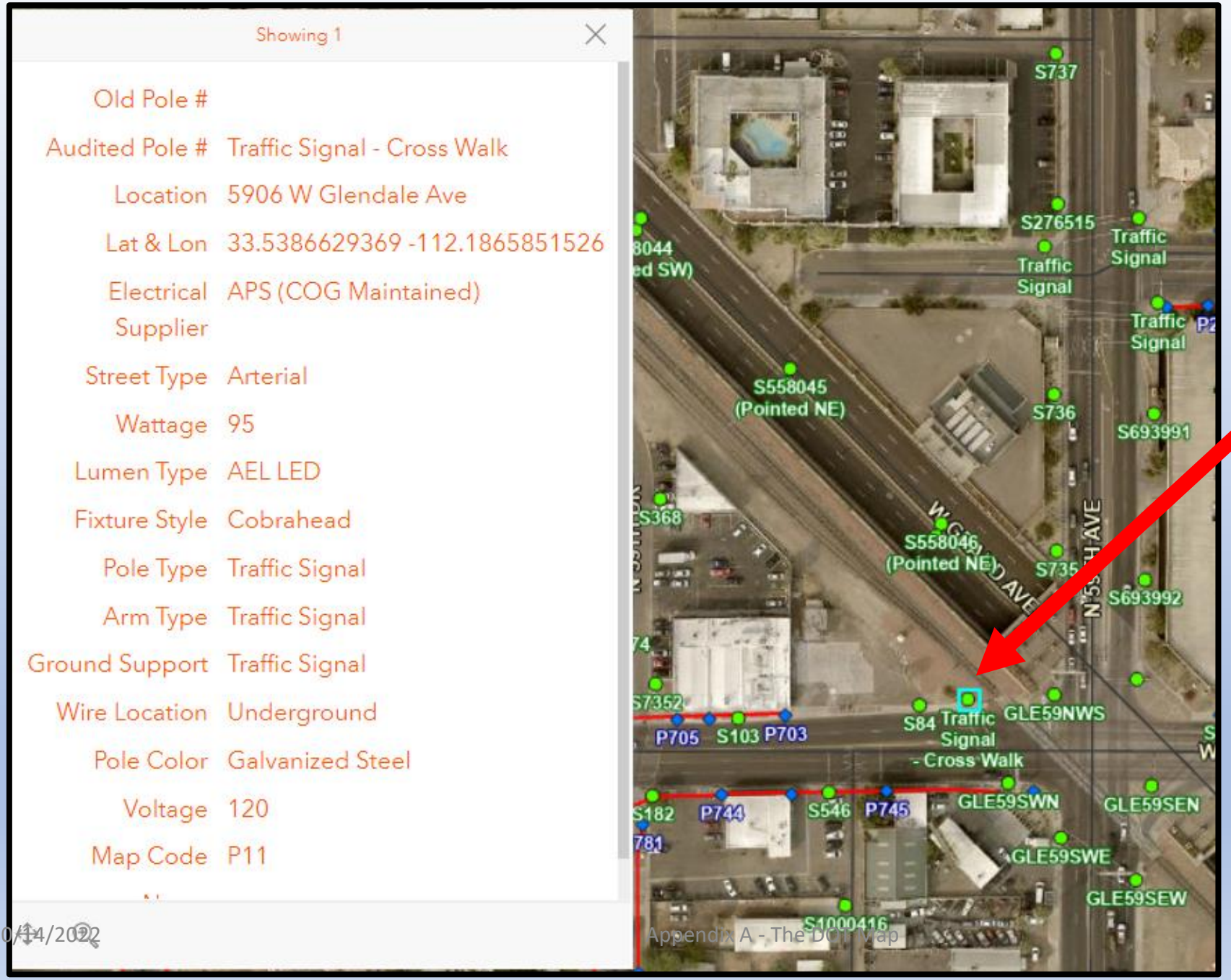
Sheet 6 of 6

Ped Cabinet 12 or PEDCAB 12

Light P85

Example
Roadway Light on a Traffic Signal Pole
Sheet 1 of 2

Click on the dot and the table to the left pops up



Example
Roadway Light on a Traffic Signal Pole
Sheet 2 of 2

Attributes that might be worth adding in the future:

Electrical Service Type
Street Width
Offset
Mounting Height
Mast Arm Length
Pole Install Date
Pole Make
Supplemental Rust Protection
Luminaire Install Date
Luminaire Make
Lumen Rating
Luminaire Shielding
Pull Box Details