HISTORIC AND DESIGN REVIEW COMMISSION

September 02, 2020

HDRC CASE NO:	**2020-380**
ADDRESS:	Various Locations in ROW - DOWNTOWN
LEGAL DESCRIPTION:	NCB 707 BLK 7 LOT 23
ZONING:	D, RIO, and/or H
CITY COUNCIL DIST.:	1
DISTRICT:	Various
APPLICANT:	Kevin Bowyer/Modus LLC
OWNER:	City of San Antonio, CPS Energy
TYPE OF WORK:	Downtown Streetlight Replacement
APPLICATION RECEIVED:	August 19, 2020
60-DAY REVIEW:	Not applicable due to City Council Emergency Orders
CASE MANAGER:	Huy Pham

REQUEST:

The applicant is requesting a Certificate of Appropriateness for approval to replace CPS streetlight poles with new streetlight poles including network node equipment in the following right-of-way locations:

1. 260 IH-37 S ACCESS RD - "ALAMODOME_BRIDGE_E_SC"
2. 644 E CESAR E CHAVEZ – "KingWilliam03_SC"
3. 305 NEWELL – "PEARL_AVENUE_A_NEWELL_SC"
4. 324 PEARL PARKWAY – "PEARL_PARKWAY_AVENUE_A_SC"
5. 325 E CROCKETT ST – "RIVERCENTER_IMAX_SC"
6. 529 COLUMBUS – "SADT_COLUMBUS_PIAZZA_SC"
7. 625 E CESAR E CHAVEZ BLVD – "SADT_HEMISFAIR_PLAY_CESAR_SC"
8. 909 E CESAR E CHAVEZ BLVD – "TEXAN_CULTURES_S_SC"

APPLICABLE CITATIONS:

*City of San Anotnio - Code of Ordinances - Sec. 37 - Appendix A. - Right-of-way Network Node Design Man*ual

DIVISION V. ADDITIONAL AESTHETIC REQUIREMENTS IN DESIGN DISTRICTS

a. Applicability.

1. The requirements of Division IV of this Manual shall apply to network node installations in the ROW within all city parks, as well as in the ROW within, or directly abutting property within, Design Districts as defined herein.

2. For purposes of Texas Local Government Code Chapter 284 and this manual, the following types of districts shall be considered Design Districts with Decorative Poles:

A. Downtown 'D'

B. Historic 'H', 'HS', 'HE' or 'HL', including properties within historic districts and individual properties designated as Historic Landmarks

C. River Improvement Overlay 'RIO'

D. Neighborhood Conservation 'NCD'

E. Corridor Improvement Overlay

F. Viewshed Protection 'VP' and Mission Protection 'MPOD'

G. Airport/Military Airport Overlay 'AHOD/MAHOD'

H. Form-Based Zoning District 'FBZD'

The above list is intended for information purposes only, is not intended to be exhaustive, and is subject to amendment.

3. The Design Districts listed above may be further subdivided by neighborhood, area, or other division. Where specific requirements apply within sub-districts, such requirements may be elaborated in this Manual.

4. Where conflicts exist between this Manual and other district-specific or sub-district-specific Design Manuals, the more stringent requirements shall control.

b. Design District Aesthetic Requirements.

In addition to the design requirements in Division III of this Manual, the following aesthetic requirements shall apply in Design Districts:

1. New node support poles in districts designated as Design Districts in this Manual shall be placed within ten feet of interior lot lines.

2. In no event shall new node support poles be placed in front of the front façade of primary structures on any property designated as Historic or within fifteen hundred (1500) feet of the brass monument viewshed marker in front of a structure designated by the United Nations as a UNESCO World Heritage site.
3. Network nodes, node support poles, and related equipment shall require camouflage or concealment measures to mitigate the impact or improve the aesthetics of the installation, as determined by the Historic Preservation Officer based on the unique circumstances of the design district or impacted property.
A. New network nodes mounted to existing poles shall be low profile and flush mounted to the greatest extent feasible. Network nodes must be painted to match the support pole or structure on which they are mounted.
B. The installation of new node support poles is discouraged in Historic Districts, Downtown "D", River Improvement Overlay Districts, Viewshed Protection and Mission Protection Overlay Districts. The Historic Preservation Officer may require concealment of the support pole in the form of aesthetically appropriate street lamps, site elements, district signage, or other stealth methods. The color of any new support pole or concealment solution shall be determined by the Historic Preservation Officer based on site specific conditions.
i. New node support poles must generally be located at commercial corners and intersections.
ii. New node support poles must be separated from other node support poles or existing poles by a distance of 250 feet.
iii. Where a separation requirement cannot be met, network nodes are preferred to be mounted to existing poles or installed with a stealth method.
iv. The height of new node support poles should not exceed the established predominant height of other poles and historic site elements located within 500 feet of the proposed installation.
v. New node support poles must be painted and not exceed 8" in diameter at the widest portion of the pole.
C. Ground-mounted equipment must be integrated into the overall design of an installation, camouflaged or concealed based on site specific conditions, and positioned to mitigate visual or physical obstructions to nearby historic features as recommended by the Historic Preservation Officer.
c. Decorative Poles.
In accordance with Chapter 284, installation or attachment of wireless communications equipment, including antennas, network nodes, transport facilities, and related equipment is prohibited on all decorative streetlight poles in Design Districts.
(Ord. No. 2017-08-31-0609 , § 1, 8-31-17)

Historic and Design Review Commission – August 24, 2019 Commission Action - CPS Energy: Downtown Street Light Replacement Pilot Program
Approval of the pilot program and streetlight pole design based on findings b through n with the following stipulations:
i. *PILOT SCOPE* – No more than 3 streetlights per provider or 12 streetlights total are subjected to replacement.
ii. *PILOT AREA* - The pilot area is limited to the center of Downtown within the primary boundaries of E Pecan, N Alamo, E Commerce, E Market, and E Houston.
iii. *PILOT PERIOD* – The 6 month pilot period shall begin the day after approval by the HDRC. Each provider is responsible for installing their equipment within the pilot period, which includes: coordinating with CPS to claim individual pole locations, obtaining each location's respective permits and administrative Certificates of Appropriateness, and coordinating with CPS on the physical removal of the existing pole and installation of the new pole with network node equipment. If all involved parties are generally satisfied with findings from the pilot period, then CPS in coordination with providers may be eligible for indefinite administrative approval for replacing remaining Downtown streetlights to accommodate network node equipment. If the pilot design is found to be aesthetically or operationally unsatisfactory to associated parties by the end of the pilot period, compliance which may include the removal of the network node equipment must be achieved within 6 months within the end of the pilot period, effectively a year from the date of the pilot approval.
iv. *OVERALL DESIGN* – Replacement poles should feature the same "Valmont Tapered 16 Flat Fluting" featuring a "Huntington" tapered base and a fluted pole no wider than 10 inches in diameter or 40 feet in total height. All attached equipment should be manufactured or painted "Tavern Green" and will not feature any branding, messaging, or outstanding utilitarian details. Conduit, if any, should be concealed within the pole or encased in manner that is minimally visible by running within a flute and painted to match.
v. *BASE – METER AND DISCONNECT* – The base should be located at ground level, featuring a tapered "Huntington" base no larger than 24 inches in diameter at the widest portion, and may include a riser no taller

than 16.5 inches before tapering and is flush with the round bottom of the base and features a flush access door.
vi. *MID-POLE – 4G RADIO* - The mid-pole allotment should be located above 14 feet from grade, featuring side-mounted equipment smaller than 18 inches in depth, 18 inches in width, and 36 inches in total height, a single simple rectangular shroud or individual exposed 4g equipment of simple geometries.
vii. *UPPER-POLE – 5G ANTENNA* – The upper-pole allotment should be located above 17 feet from grade, featuring radial-mounted 5g equipment smaller than 12 inches radiating from the center of the pole, and 24 inch in total height, and simple geometries.
viii. *TOP-POLE – 4G ANTENNA* – The top-pole allotment located on the top of the pole effectively extending the height of the pole, featuring cylindrical 4g equipment smaller than 12 inches in diameter and 6.5 feet in height.
ix. *MAINTENANCE* – In addition to operational maintenance, the applicant is responsible for the visual upkeep of streetlight poles and attached equipment. Poles and equipment should maintain their Tavern Green finish and be repainted as necessary. Attached equipment that is found to be no longer in use should be removed.
x. *ARCHEALOGY*- The project shall comply with all other applicable federal, state, and local laws, rules, and regulations regarding archaeology.
xi. *PERMITTING* - Subsequent applicants (providers in coordination with CPS) are responsible for obtaining all required permits and regulatory approval including but not limited to coordination with TCI, ITSD, OHP, and DSD prior to actual implementation.

FINDINGS:

a. REQUEST - The applicant, Modus LLC, on behalf of Verizon Wireless, is requesting a Certificate of Appropriateness to replace eight (8) existing streetlight poles with new streetlight poles that will feature network node equipment – in accordance with *CPS Energy: Downtown Street Light Replacement Pilot* Program approved by the HDRC on August 24, 2019.
b. CASE HISTORY – The applicant has submitted a final product design that meets the stipulations of the *Pilot Program* and is eligible to request additional Certificates of Appropriateness for streetlight replacement. Proposed pole replacements located within a historic district or the RIO are escalated to commission review.
c. POLE 1 - 260 IH-37 S ACCESS RD - "ALAMODOME_BRIDGE_E_SC" – The applicant has proposed to replace the existing green fluted streetlight pole with a new streetlight pole with network node equipment at the right-of-way near 260 IH-37 S ACCESS RD, at (29.418792, -98.479934), at the intersection of I-37 ACCESS RD & MONTANA. The proposed pole is located within the St. Paul Square Historic District. Staff finds that the proposed location is located at the edge of the historic district, does not detract from historic features, and is appropriate.
d. POLE 2 - 644 E CESAR E CHAVEZ – "KingWilliam03_SC" – The applicant has proposed to replace the existing generic streetlight pole with a new streetlight pole with network node equipment at the right-of-way near 644 E CESAR E CHAVEZ, at (29.417633 -98.485835), at the intersection at MATAGORDA ST & E CESAR CHAVEZ. The proposed location is location with the Lavaca Historic District. Staff finds that the proposed location is located at the edge of the historic district, does not detract from historic features, and is appropriate.
e. POLE 3 - 305 NEWELL – "PEARL_AVENUE_A_NEWELL_SC" - The applicant has proposed to replace the existing generic streetlight pole with a new streetlight pole with network node equipment at the right-of-way near 305 NEWELL, at (29.440389, -98.4796982), at the intersection at AVENUE A & NEWELL AVE. The proposed location is within the RIO-3. Staff finds that the proposed location is located at the edge of the RIO-2 and does not detract from the pedestrian experience in relation to nearby residential and commercial structures.
f. POLE 4 - 324 PEARL PARKWAY – "PEARL_PARKWAY_AVENUE_A_SC" - The applicant has proposed to replace the existing generic streetlight pole with a new streetlight pole with network node equipment at the right-of-way near 324 PEARL PARKWAY, at (29.442043 -98.478928), at the intersection at AVENUE A & PEARL PKWY. Staff finds that the proposed location is located at the edge of the RIO-2 and does not detract from the pedestrian experience in relation to nearby residential and commercial structures.
g. POLE 5 - 325 E CROCKETT ST – "RIVERCENTER_IMAX_SC" - The applicant has proposed to replace the existing generic streetlight pole with a new streetlight pole with network node equipment at the right-of-way near 325 E CROCKETT ST, at (29.424892 -98.484341). The propose pole is located Alamo Plaza Historic District, adjacent to a parking lot to the rear of Crockett Hotel historic landmark. Staff finds that the proposed location is located at the edge of the historic district, does not detract from historic features, and is appropriate.
h. POLE 6 - 529 COLUMBUS – "SADT_COLUMBUS_PIAZZA_SC" - The applicant has proposed to replace the

existing generic streetlight pole with a new streetlight pole with network node equipment at the right-of-way near 529 COLUMBUS, at (29.430899 -98.498477), at the intersection at COLUMBUS ST & PIAZZA ITALIA. The propose pole is within RIO-7A and across the street from the side of the Christopher Columbus Society Hall historic landmark. Staff finds that the proposed location does not detract from historic features or the pedestrian experience in relation to nearby residential and commercial structures.

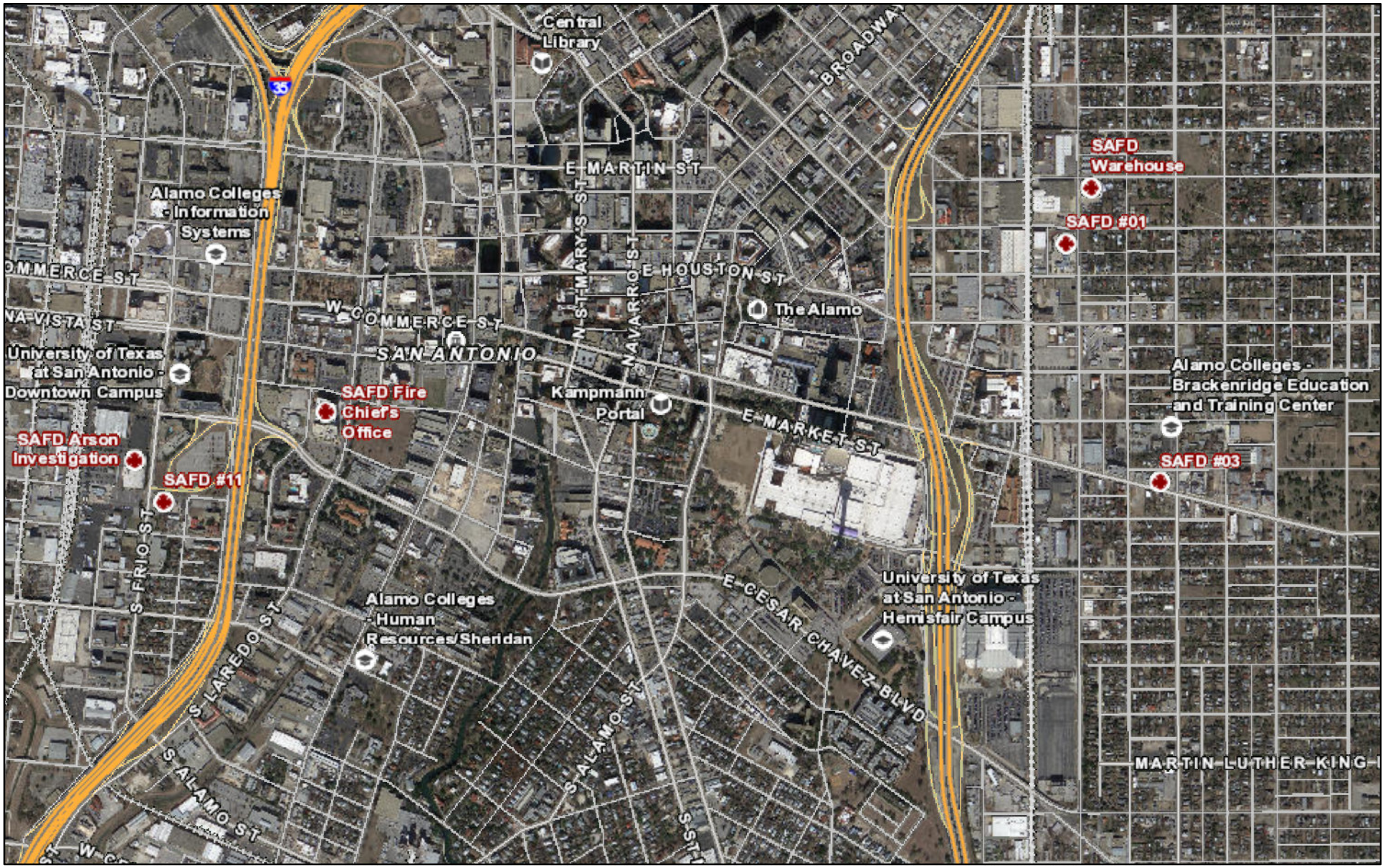
i. POLE 7 - 625 E CESAR E CHAVEZ BLVD – "SADT_HEMISFAIR_PLAY_CESAR_SC" - The applicant has proposed to replace the existing generic streetlight pole with a new streetlight pole with network node equipment at the right-of-way near 625 E CESAR E CHAVEZ BLVD, at (29.418399 -98.487046), near the intersection at HEMISFAIR BLVD & E CESAR E CHAVEZ BLVD. The propose pole is located Hemisfair Historic District and RIO-3. Staff finds that the proposed location is located at the edge of the historic district, and does not detract from historic features or the pedestrian experience in relation to nearby residential and commercial structures

j. POLE 8 - 909 E CESAR E CHAVEZ BLVD – "TEXAN_CULTURES_S_SC" - The applicant has proposed to replace the existing generic streetlight pole with a new streetlight pole with network node equipment at the right-of-way near 909 E CESAR E CHAVEZ BLVD, at (29.415165 -98.48178near the intersection at HEMISFAIR BLVD & E CESAR E CHAVEZ BLVD. The propose pole is located Hemisfair Historic District. Staff finds that the proposed location is located at the edge of the historic district and does not detract from historic features.

RECOMMENDATION:

Staff recommends approval of items 1 through 8 based on the findings. All stipulations from the *Pilot Program* and final product design continues to apply.

Downtown



August 25, 2020

1:16,000

0 0.125 0.25 0.5 mi

0 0.2 0.4 0.8 km

Jul 29, 2020 at 12:48:09 PM
123 Alamo Plaza
San Antonio TX 78205
United States

Jul 29, 2020 at 12:48:25 PM
123 Alamo Plaza
San Antonio TX 78205
United States

Jul 29, 2020 at 12:48:53 PM
211 Alamo Plaza
San Antonio TX 78205
United States

Jul 29, 2020 at 12:48:58 PM
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San Antonio TX 78205
United States

Jul 29, 2020 at 12:49:12 PM
211 Alamo Plaza
San Antonio TX 78205
United States

Jul 29, 2020 at 12:49:27 PM
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San Antonio TX 78205
United States

Jul 29, 2020 at 12:49:38 PM
849 E Commerce St
San Antonio TX 78205
United States
Shops at Rivercenter

Jul 29, 2020 at 12:48:40 PM
123 Alamo Plaza
San Antonio TX 78205
United States

PRIORITY #: 9

VERIZON SITE ID: ALAMODOME_BRIDGE_E_SC

STRUTURE TYPE: CPS STREETLIGHT

PROJECT SCOPE: REPLACE (E) CPS STREETLIGHT. INSTALL (1) 4G CANNISTER ANTENNA AT TOP OF POLE. INSTALL (3) 5G RADIOS JUST BELOW THAT. INSTALL (1) 4G RADIO & (1) FIBER ENCLOSURE AT 18' ON THE POLE. SHROUDS TO HIDE CABLING TO BE INSTALLED ON ALL RADIOS. ALL EQUIPMENT TO MATCH THE COLOR OF THE POLE (TAVERN GREEN)

LAT/LONG: 29.418792, -98.479934

ADDRESS: 260 IH-37 S ACCESS RD

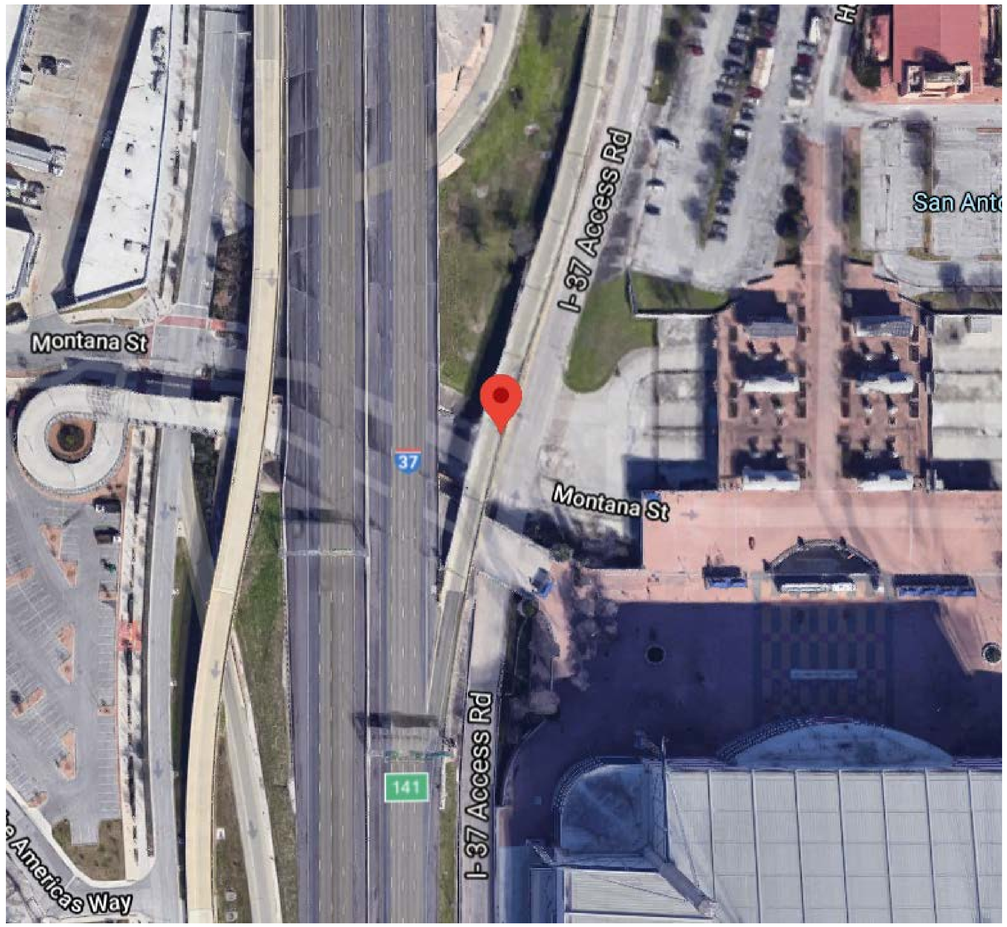
INTERSECTION: I-37 ACCESS RD & MONTANA ST

ABUTTING HISTORIC LANDMARK?: ST. PAUL SQUARE

WITHIN HISTORIC DISTRICT?: CENTRAL BUSINESS DISTRICT

ROW PERMIT ID: 359625

COA APP ID: 2020-19024



PRIORITY #: 1

VERIZON SITE ID: KingWilliam03_SC

STRUTURE TYPE: CPS STREETLIGHT

PROJECT SCOPE: REPLACE (E) CPS STREETLIGHT. INSTALL (1) 4G CANNISTER ANTENNA AT TOP OF POLE. INSTALL (3) 5G RADIOS JUST BELOW THAT. INSTALL (1) 4G RADIO & (1) FIBER ENCLOSURE AT 18' ON THE POLE. SHROUDS TO HIDE CABLING TO BE INSTALLED ON ALL RADIOS. ALL EQUIPMENT TO MATCH THE COLOR OF THE POLE (TAVERN GREEN)

LAT/LONG: 29.417633 -98.485835

ADDRESS: 644 E CESAR E CHAVEZ

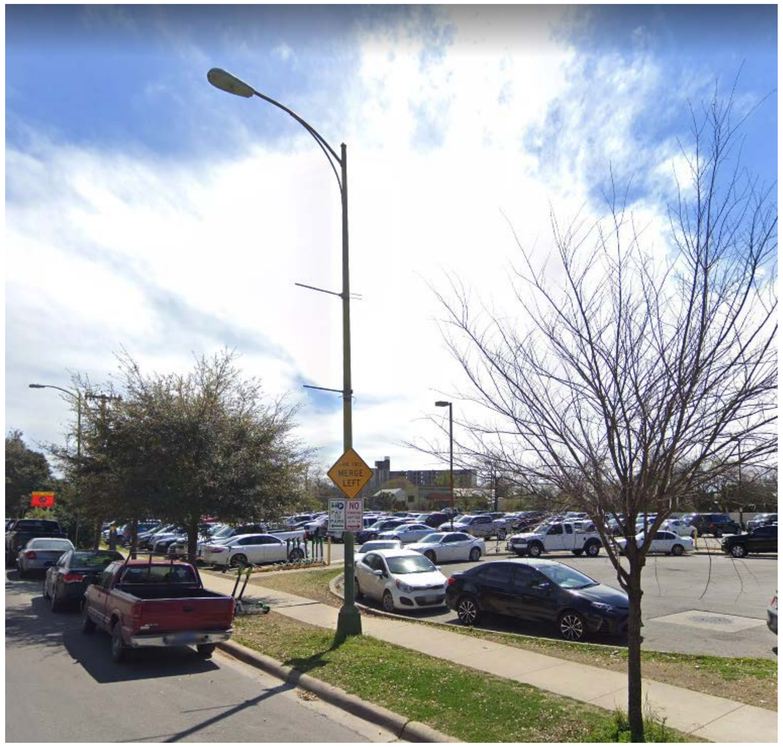
INTERSECTION: MATAGORDA ST & E CESAR CHAVEZ

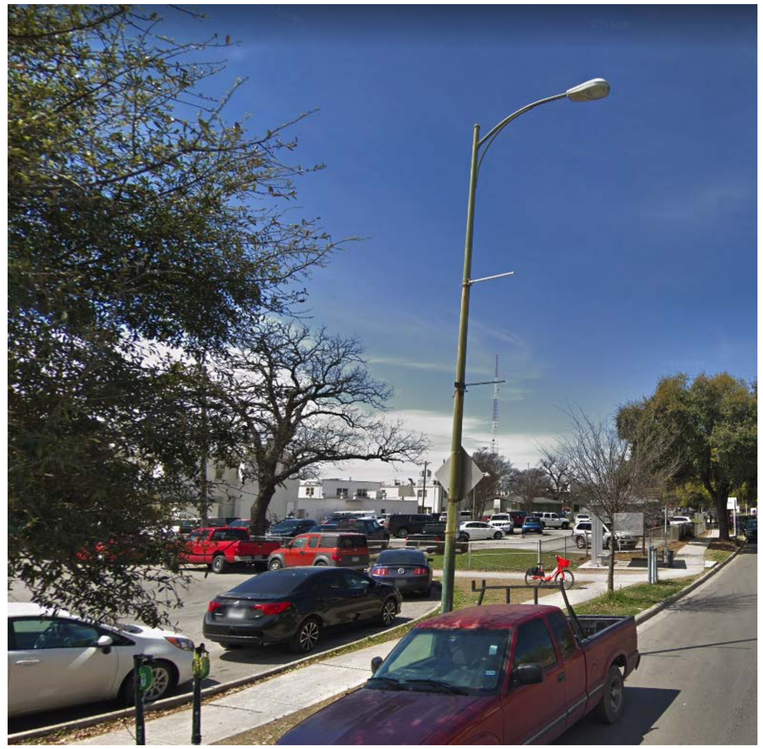
ABUTTING HISTORIC LANDMARK?: N/A

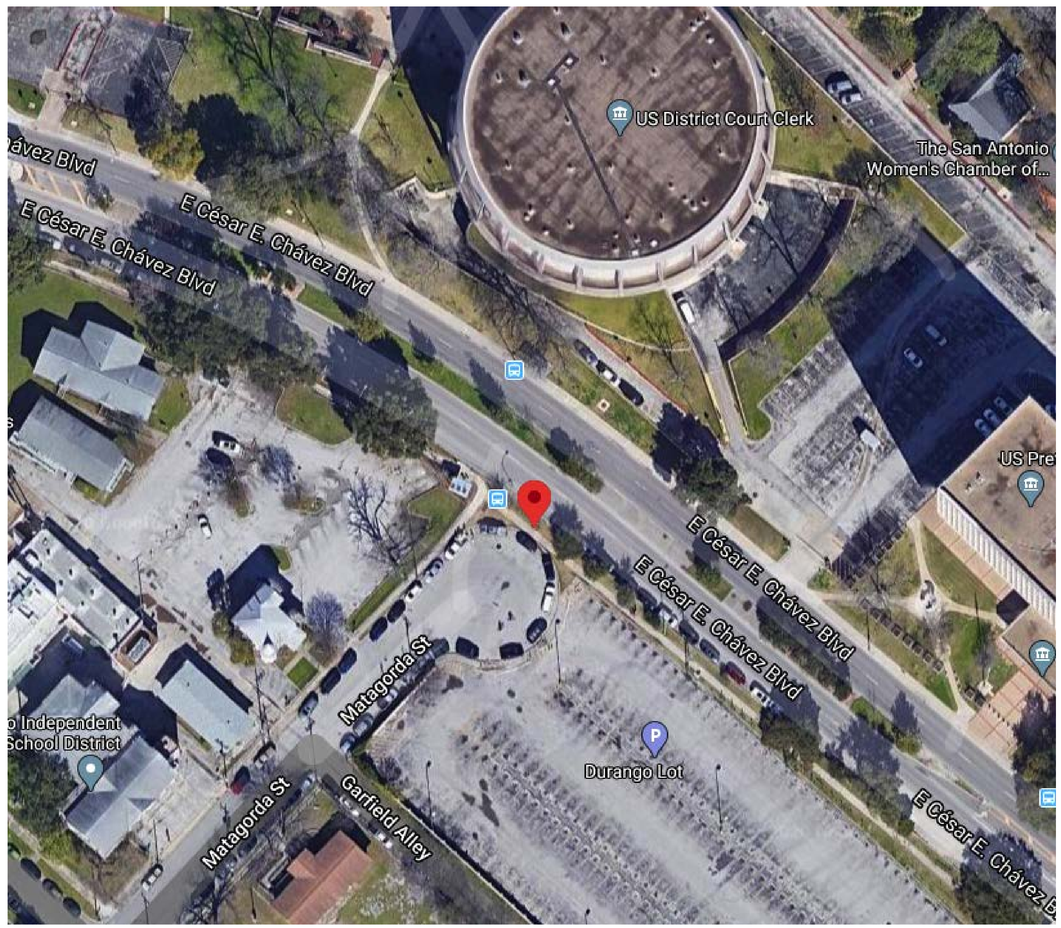
WITHIN HISTORIC DISTRICT?: LAVACA

ROW PERMIT ID: 359640

COA APP ID: 2020-19031







verizon

PRIORITY #: 5

VERIZON SITE ID:
PEARL_AVENUE_A_NEWELL_SC

STRUTURE TYPE: CPS STREETLIGHT

PROJECT SCOPE: REPLACE (E) CPS STREETLIGHT. INSTALL (3) 5G RADIOS AT TOP OF POLE. INSTALL (1) FIBER ENCLOSURE AT 18' ON THE POLE. SHROUDS TO HIDE CABLING TO BE INSTALLED ON ALL RADIOS. ALL EQUIPMENT TO MATCH THE COLOR OF THE POLE (TAVERN GREEN)

LAT/LONG: 29.440389, -98.4796982

ADDRESS: 305 NEWELL

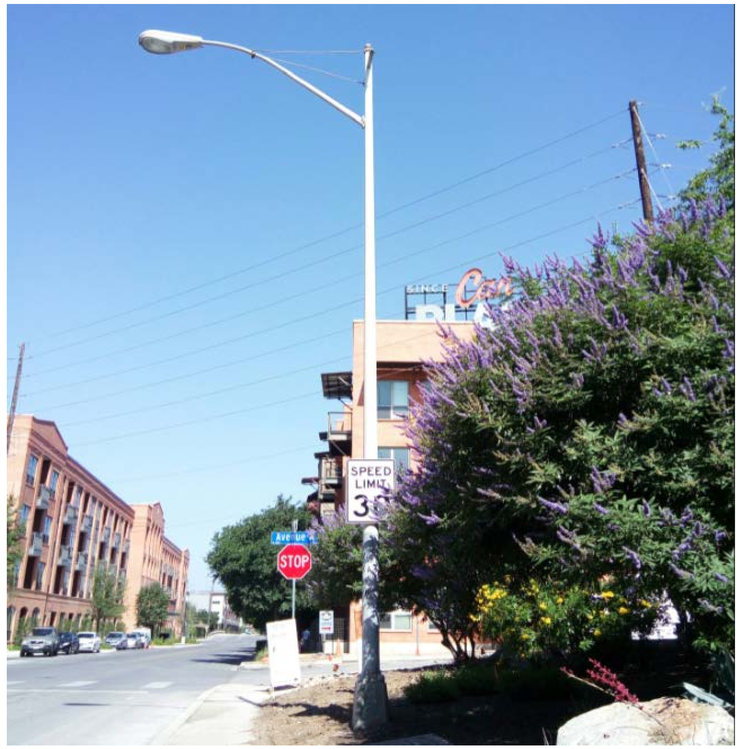
INTERSECTION: AVENUE A & NEWELL AVE

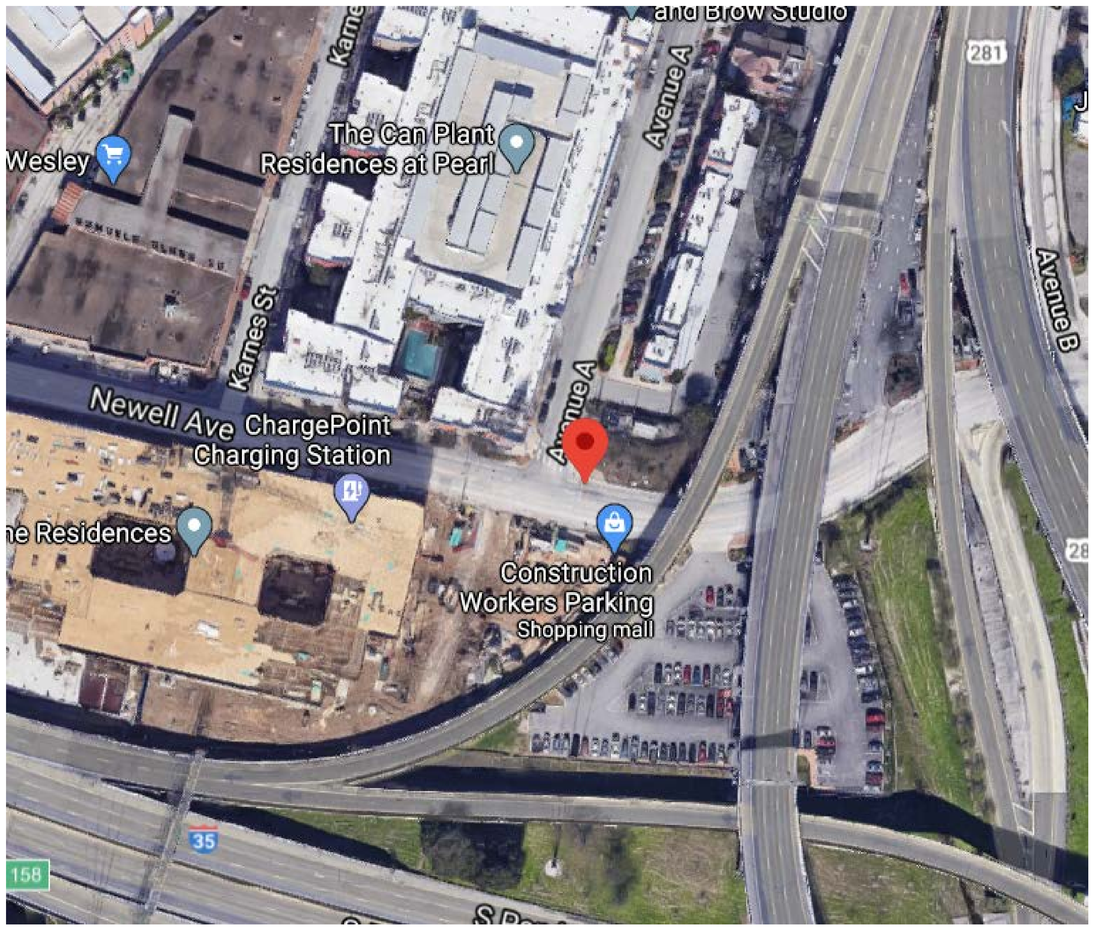
ABUTTING HISTORIC LANDMARK?: N/A

WITHIN HISTORIC DISTRICT?: RIO-2

ROW PERMIT ID: COSA-8129-20200713

COA APP ID: 2020-19110





PRIORITY #: 12

VERIZON SITE ID:

PEARL_PARKWAY_AVENUE_A_SC

STRUTURE TYPE: CPS STREET LIGHT

PROJECT SCOPE: REPLACE (E) CPS STREETLIGHT. INSTALL (3) 5G RADIOS NEAR THE TOP OF THE POLE. INSTALL (1) FIBER ENCLOSURE AT 18' ON THE POLE. SHROUDS TO HIDE CABLING TO BE INSTALLED ON ALL RADIOS. ALL EQUIPMENT TO MATCH THE COLOR OF THE POLE (TAVERN GREEN)

LAT/LONG: 29.442043 -98.478928

ADDRESS: 324 PEARL PARKWAY

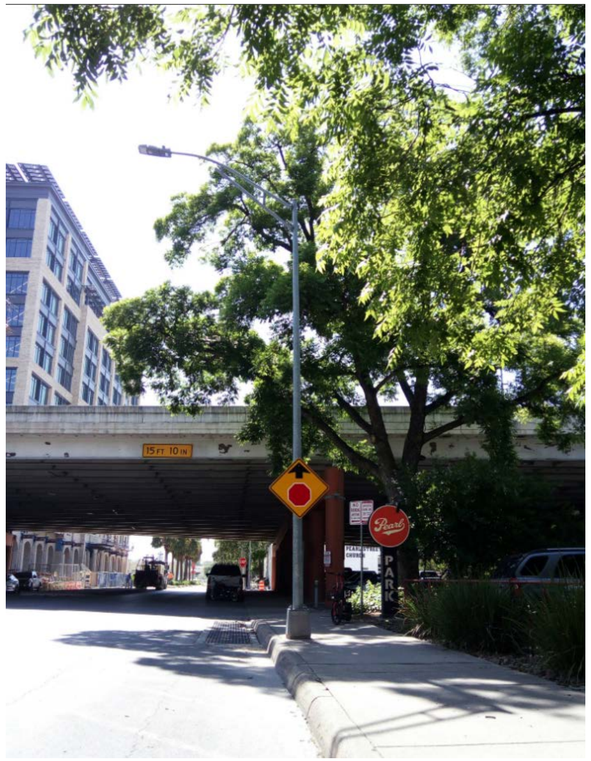
INTERSECTION: AVENUE A & PEARL PKWY

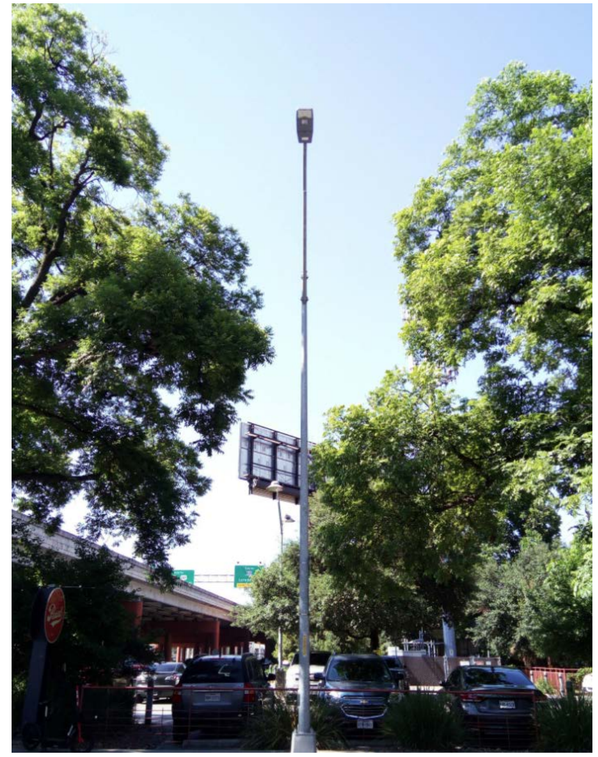
ABUTTING HISTORIC LANDMARK: N/A

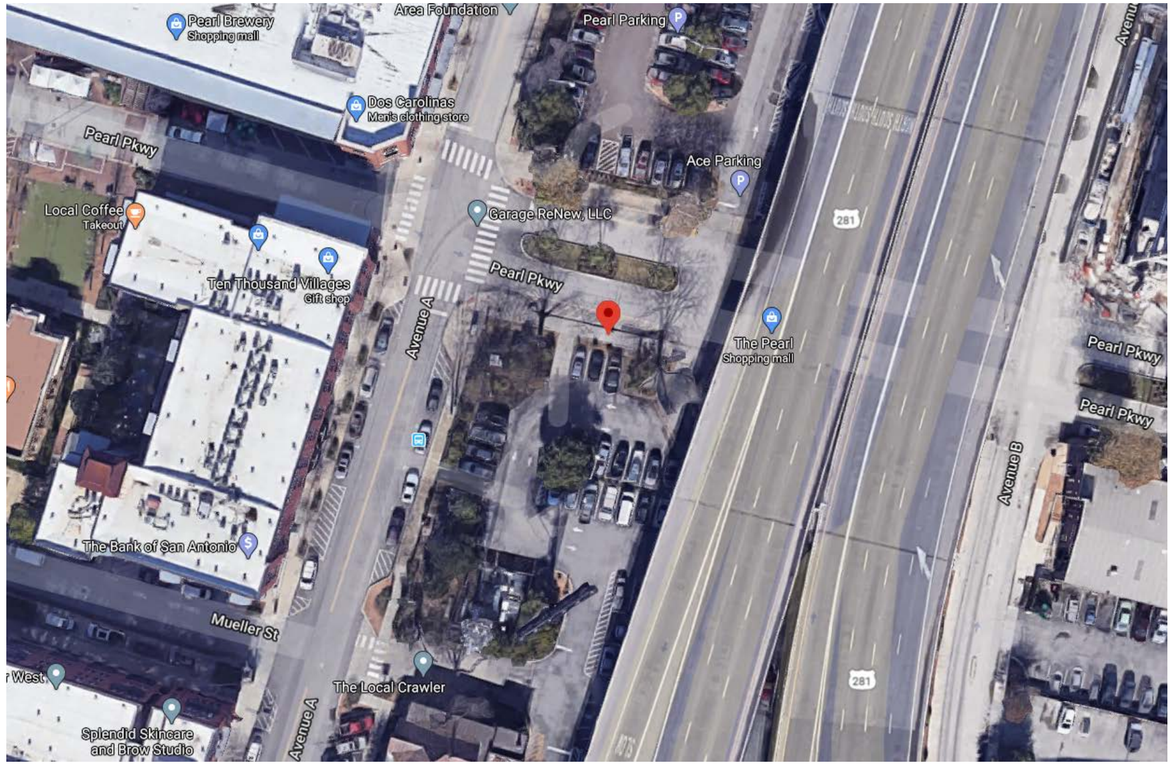
WITHIN HISTORIC DISTRICT: RIO-2

ROW PERMIT ID: COSA-8134-20200713

COA APP ID: 2020-19110







PRIORITY #: 16

VERIZON SITE ID: RIVERCENTER_IMAX_SC

STRUTURE TYPE: CPS STREET LIGHT

PROJECT SCOPE: REPLACE (E) CPS STREETLIGHT. INSTALL (1) 4G CANNISTER ANTENNA AT TOP OF POLE. INSTALL (3) 5G RADIOS JUST BELOW THAT. INSTALL (1) 4G RADIO & (1) FIBER ENCLOSURE AT 18' ON THE POLE. SHROUDS TO HIDE CABLING TO BE INSTALLED ON ALL RADIOS. ALL EQUIPMENT TO MATCH THE COLOR OF THE POLE (TAVERN GREEN)

LAT/LONG: 29.424892 -98.484341

ADDRESS: 325 E CROCKETT ST

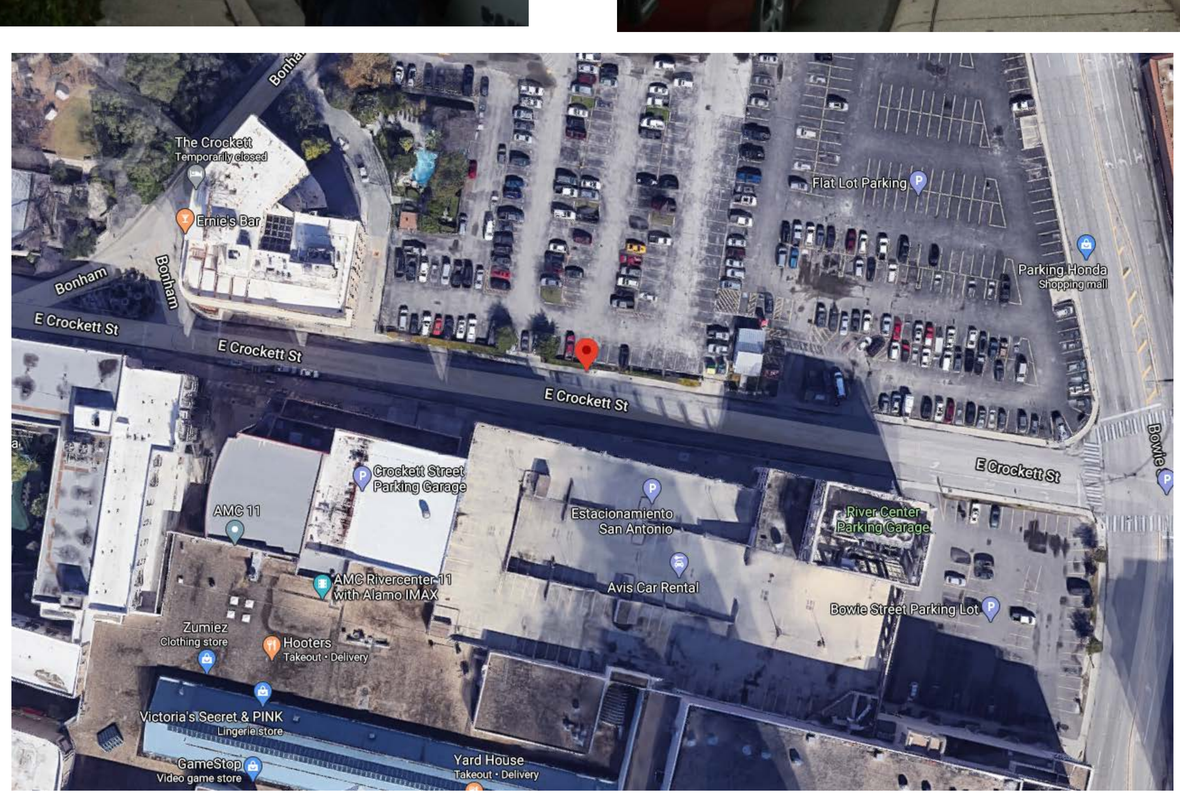
INTERSECTION: N/A

ABUTTING HISTORIC LANDMARK: Crockett Hotel

WITHIN HISTORIC DISTRICT: Alamo Plaza

ROW PERMIT ID: COSA-5817-20200625

COA APP ID: 2020-19033



PRIORITY #: 18

VERIZON SITE ID:
SADT_COLUMBUS_PIAZZA_SC

STRUTURE TYPE: CPS STREET LIGHT

PROJECT SCOPE: REPLACE (E) CPS STREETLIGHT. INSTALL (3) 5G RADIOS NEAR THE TOP OF THE POLE. INSTALL (1) FIBER ENCLOSURE AT 18' ON THE POLE. SHROUDS TO HIDE CABLING TO BE INSTALLED ON ALL RADIOS. ALL EQUIPMENT TO MATCH THE COLOR OF THE POLE (TAVERN GREEN).

LAT/LONG: 29.430899 -98.498477

ADDRESS: 529 COLUMBUS

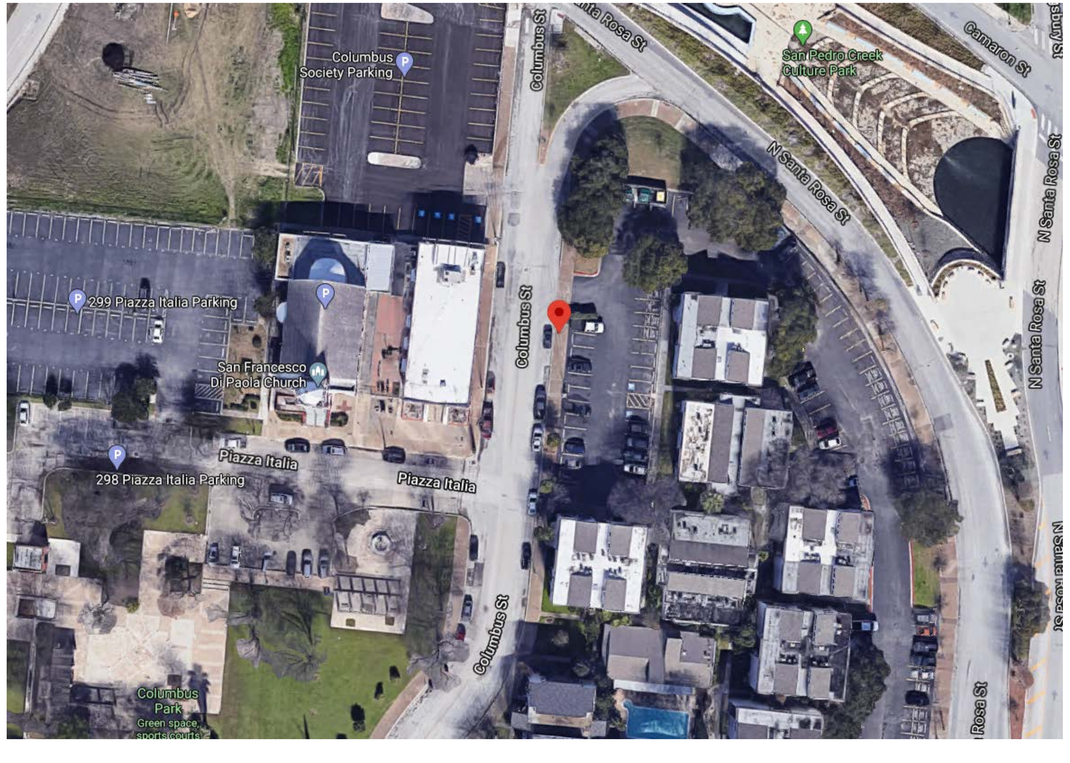
INTERSECTION: COLUMBUS ST & PIAZZA ITALIA

ABUTTING HISTORIC LANDMARK:
Christopher Columbus Italian Society

WITHIN HISTORIC DISTRICT: Central Business District

ROW PERMIT ID: 358568

COA APP ID: 2020-19084



PRIORITY #: 15

VERIZON SITE ID: SADT_HEMISFAIR_PLAY_CESAR_SC

STRUTURE TYPE: CPS STREET LIGHT

PROJECT SCOPE: REPLACE (E) CPS STREETLIGHT. INSTALL (1) 4G CANNISTER ANTENNA AT TOP OF POLE. INSTALL (3) 5G RADIOS JUST BELOW THAT. INSTALL (1) 4G RADIO & (1) FIBER ENCLOSURE AT 18' ON THE POLE. SHROUDS TO HIDE CABLING TO BE INSTALLED ON ALL RADIOS. ALL EQUIPMENT TO MATCH THE COLOR OF THE POLE (TAVERN GREEN)

LAT/LONG: 29.418399 -98.487046

ADDRESS: 625 E CESAR E CHAVEZ BLVD

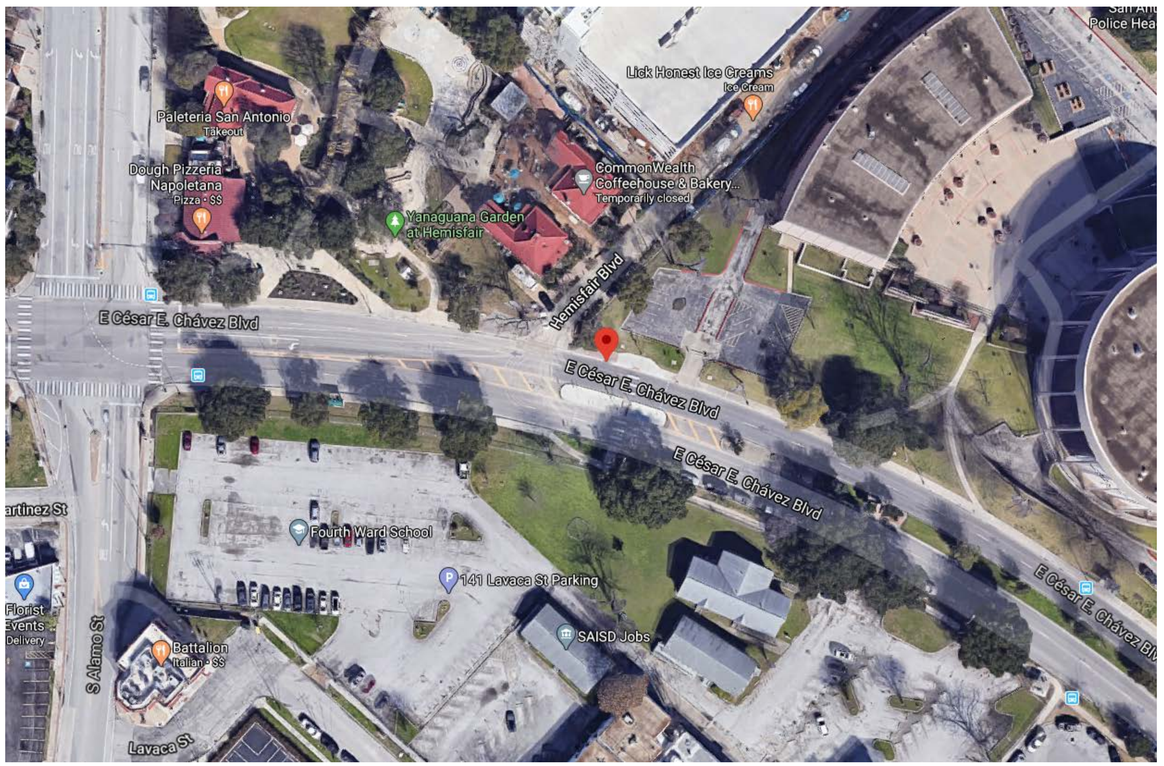
INTERSECTION: HEMISFAIR BLVD & E CESAR E CHAVEZ BLVD

ABUTTING HISTORIC LANDMARK: US CIVIL SERVICE COMMISSION

WITHIN HISTORIC DISTRICT: Hemisfair

ROW PERMIT ID: 358667

COA APP ID: 2020-19041



verizon

PRIORITY #: 3

VERIZON SITE ID:
TEXAN_CULTURES_S_SC

STRUTURE TYPE: CPS STREET LIGHT

PROJECT SCOPE: REPLACE (E) CPS STREETLIGHT. INSTALL (3) 5G RADIOS NEAR THE TOP OF THE POLE. INSTALL (1) FIBER ENCLOSURE AT 18' ON THE POLE. SHROUDS TO HIDE CABLING TO BE INSTALLED ON ALL RADIOS. ALL EQUIPMENT TO MATCH THE COLOR OF THE POLE (TAVERN GREEN).

LAT/LONG: 29.415165 -98.48178

ADDRESS: 909 E CESAR E CHAVEZ BLVD

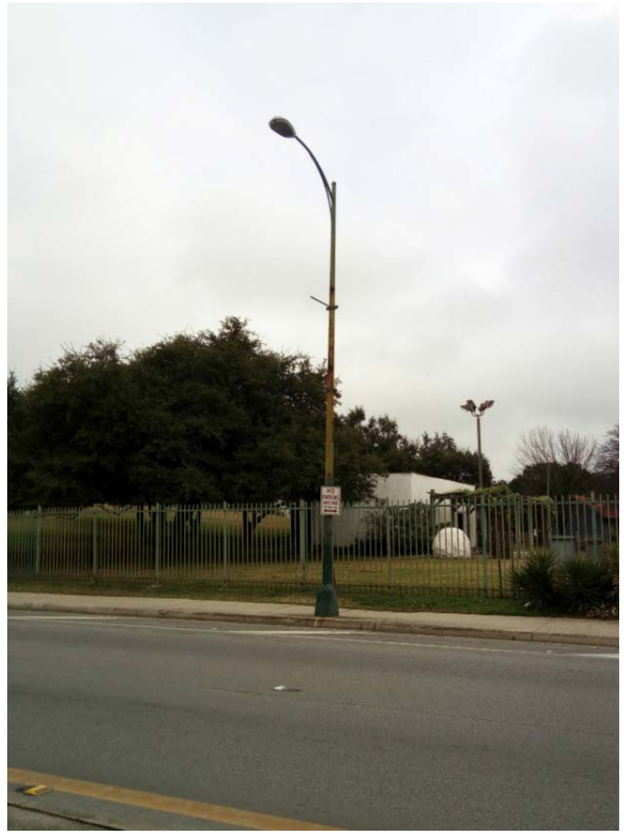
INTERSECTION: N/A

ABUTTING HISTORIC LANDMARK: N/A

WITHIN HISTORIC DISTRICT: HEMISFAIR

ROW PERMIT ID: 359623

COA APP ID: 2020-19044



CITY OF SAN ANTONIO
OFFICE OF HISTORIC PRESERVATION

HISTORIC AND DESIGN REVIEW COMMISSION
CERTIFICATE OF APPROPRIATENESS RE-ISSUE
August 21, 2019

HDRC CASE NO:	**2019-364**
COMMON NAME:	CPS Energy: Downtown Street Light Replacement Pilot Program
ADDRESS:	145 NAVARRO ST
LEGAL DESCRIPTION:	NCB 986 BLK LOT 11- 12-13
PUBLIC PROPERTY:	No
APPLICANT:	Jesse Lopez/CPS Energy - 145 Navarro
OWNER:	CITY PUBLIC SERVICE BOARD - PO BOX 1771
TYPE OF WORK:	Antenna/satellite, Right-of-Way, Utility Work

REQUEST:
The applicant is requesting a Certificate of Appropriateness for approval to replace up to 12 existing streetlight poles with new streetlight poles that can accommodate network node equipment in the Downtown area, as a 6-month pilot program.

FINDINGS:
a. REQUEST - The applicant, CPS Energy in coordination with four network providers, AT&T, Sprint, T-Mobile, Verizon Wireless and their respective engineering consultants, has proposed to replace existing streetlight poles in the Downtown area with new streetlight poles that can accommodate and will feature 4g and 5g telecommunication equipment. The request is to begin as a pilot program for CPS and the City of San Antonio to troubleshoot actual implementation. CPS will return to the commission for final approval of a standard network-node compatible streetlight pole standard that may be then approved administratively on a case-by-case installation. b. INITIATIVE - Per Texas Local Government Code Chapter 284, adopted in Senate Bill 1004, effective on September 1, 2017, "network providers' access to the public right-of-way and the ability to attach network nodes to poles and structures in the public right-of-way allow network providers to densify their network and provide next-generation services (LOC GOV'T § 284.101(4))." Network providers have previously coordinated with the City of San Antonio and related departments to attach onto existing utility or traffic poles or to install new poles where no poles exist. At this time, streetlight poles have not been accessed by providers, primarily because current structural standards cannot accommodate the additional loads of newly attached equipment nor conceal the meter and disconnect without increasing the riser height. c. MUNICIPAL PROVISIONS – i. Chapter 284 of the Texas Local Government Code, adopted in Senate Bill 1004 (2017), grants wireless service providers access to the public right-of-way (ROW) to install network nodes and related equipment (equipment), and node support poles; including the right to place equipment on electric distribution poles, streetlight poles, and traffic signal poles. ii. Chapter 284 grants ROW access to all wireless service providers, and to companies that do not provide wireless services but build or install equipment on behalf of wireless service providers; and the City's management of and access to the ROW must be competitively neutral and not discriminatory, not favoring one company's equipment over another. iii. The law sets out compensation the City receives for ROW access when equipment is installed on electric distribution poles, streetlight poles, and traffic signal poles; the City also receives additional compensation when equipment is installed on traffic signal poles. iv. In historic or design districts with decorative poles, a municipality may require

reasonable design standards or concealment measures for the equipment. v. Due to the diversity of equipment used by different companies, CPS Energy, the City, and the wireless service providers worked together to develop a consensus street light pole design standard that will accommodate all the interested companies' equipment. vi. The standard will apply to streetlight poles located in the downtown area and is based on the already approved downtown decorative streetlight pole and decorative base. d. HDRC PURVIEW - Modifying infrastructure and streetscapes in the Central Business District, zoned D (Downtown), among other overlays, requires review by the Historic and Design Review Commission and the issuance of a Certificate of Appropriateness. LOC GOV'T § 284.105 also notes "As a condition for approval of new network nodes or new node support poles in a historic district or a design district with decorative poles, a municipality may require reasonable design or concealment measures for the new network nodes or new node support poles". At this time, the only guiding document for municipal review of network node equipment in historic and design districts is Code of Ordinances Sec. 37 - Appendix A. - Right-of-way Network Node Design Manual: Additional Aesthetic Requirements In Design Districts. This manual mostly addresses the limitations of installing new poles with the requirement to feature a "stealth" aesthetic, which is not defined. At this time, staff has routinely recommended exhausting all options to attach onto existing utility poles, which is eligible for administrative approval. This request is being heard by the HDRC because unlike utility poles, streetlight replacement of this scope and context is not considered in-kind and may have outstanding implications on Downtown's streetscapes and related historic resources. e. DESIGN REVIEW COMMITTEE – The applicant met the Design Review Committee on June 26, 2019. DRC members advised against increasing the base size above 24 inches in diameter and against allowing more than one provider's equipment per pole. DRC members also asked about how new street light pole locations are determined and the feasibility of stipulating standalone network-only pole to feature a luminaire arm, to which the applicant responded that it would be a case-by-case basis and that the commission should encourage providers coordinate with CPS in that regard. The applicant forwarded the feedback to the network providers while updating and finalizing the specifications for the August 21, 2019, HDRC hearing. f. PILOT PROGRAM – The applicant has provided the following description: "CPS Energy (including these providers: AT&T, Sprint, T-Mobile, Verizon Wireless) is requesting a Certificate of Appropriateness for approval to replace up to twelve (12) existing streetlight poles with new light poles for network node attachments for a pilot program in the Downtown District. The pilot program would allow each provider to replace up to three (3) existing light poles to mount their network node equipment. Each provider would deploy the selected design, which will involve streetlight pole replacement, potential new foundation construction, and trenching for communication and power. The proposed timeline of the pilot period is 6 months from the date of approval. Within that period, providers are responsible for obtaining related permits and installing the new equipment, in coordination with CPS. If all involved parties are generally satisfied with findings from the pilot period, then CPS in coordination with providers may be eligible for indefinite administrative approval for replacing remaining Downtown streetlights to accommodate network node equipment." g. PILOT AREA – The pilot area is at the center of the Central Business District (Downtown), within the primary boundaries of E Pecan, N Alamo, E Commerce, E Market, and E Houston. The applicant intends to utilize the concise pilot area for troubleshooting implementation prior to expanding an approved standard design for all of the Downtown District. The pilot area and the expanded Downtown area feature a number of assets under the purview of the Historic and Design Review Commission: the Central Business District, RIO-3, the Riverwalk, ten (10) local historic districts, and hundreds of local historic sites. h. EXISTING POLES – The applicant has proposed to replace existing streetlight poles that feature an extending luminaire arm and a height generally above thirty-feet (30'), which excludes decorative pedestrian lamps. Existing streetlamps primarily feature two designs: (a) approximately 200 simple smooth poles with a faded neutral color installed throughout the last few decades and (b) approximately 50 "Valmont Tapered 16 Flat Fluting or similar" streetlights with tapered "Huntington" bases, fluted poles, and painted "Tavern Green" installed after 2014, as part of right-of-way improvements under the Downtown Design Guide and RIO-3. i. PROPOSED POLES – At this time, the current standard of Valmont poles, featuring 8 inches in pole diameter, 24 inches in base diameter with a 6-inch tall riser before tapering and approximately 31.5-feet in height, cannot accommodate the additional loads and equipment for network nodes. The applicant has proposed to replace existing poles by updating the current standard to instead feature: 10 inches in pole diameter, 24 inches in base diameter with an 14.5-inch tall riser before tapering, and equipment mounted at mid-pole, upper-pole, and pole-top. Poles are to still feature a Valmont design which includes fluting and a "Tavern Green" finish. Staff finds that the dimensions of the proposed replacement poles, excluding the equipment (reviewed in the following findings), is a minimal departure from the current standard and is generally appropriate. j. NETWORK NODE EQUIPMENT – The applicant, in coordination with network providers is requesting to install both concealed and exposed equipment when replacing existing poles with new compatible poles. At this time, the applicant, CPS will manage the distribution of streetlights to be claimed by one provider each, and there are no plans to collocate more than one provider's equipment per pole. There are up to four types of equipment, each allocated to a portion of the streetlight and guided by manufacturing limitations and

current or proposed design standards: (a) the meter and disconnect are located inside the tapered base, (b) the 4g radio is located at mid-pole, (c) the 5g antenna/radio is located at upper-pole, and (d) the 4g antenna/radio is located on pole-top. Minor deviations may occur between providers and manufacturers. Each equipment type is further reviewed in following findings. k. BASE - METER AND DISCONNECT – The applicant has proposed to conceal all providers' meters and disconnects inside the tapered base. At this time, utilizing a "smart puck" meter, the diameter of the base has been reduced to a maximum of 24 inches, rather than 48 inches with a traditional meter as originally considered. Additionally, concealing the meter and disconnect also requires increasing the height of the riser from approximately 6 inches as existing to 16.5 inches as proposed (adding 10.5 inches). Staff finds that the following base specifications to be appropriate: that the proposed base be located a ground level, featuring a tapered "Huntington" base no larger than 24 inches in diameter at the widest portion, and may include a riser no taller than 16.5 inches before tapering and is flush with the round bottom of the base and features a flush access door, and that manufactured or painted "Tavern Green" and will not feature any branding, messaging, or outstanding utilitarian details. l. MID-POLE - 4G RADIO – The applicant has proposed to allocate a mid-pole portion to feature exposed 4g radio equipment. Mid-pole is defined as above fourteen-feet (14') from grade. This equipment features multiple smaller parts and conduit and can be encased inside a cabinet or "shroud". Sprint and T-Mobile have confirmed that their shrouded 4g radio equipment can fit into a cabinet that is no more than 18 inches in depth, 18 inches in width, and 36 inches in height, placed above 14 feet from grade. Verizon would require a shroud that is 22 inches in depth, 23 inches in width, and 36 inches in height. Verizon has also proposed that their exposed equipment without a shroud would only require an allotted maximum space of 12.2 inches in width, 11 inches in depth, and 6 feet in total height for three separate parts. At this time, AT&T can incorporate their 4g radio into the design of their 4g antenna on the pole-top and will not the utilize mid-pole portion. Staff finds following mid-pole specifications to be appropriate. The mid-pole specifications are as follows: located above 14 feet from grade, featuring side-mounted equipment no more than 18 inches in depth, 18 inches in width, and 36 inches in total height, a single simple rectangular shroud or individual exposed 4g equipment that is manufactured or painted "Tavern Green" and will not feature any branding, messaging, or outstanding utilitarian details. Conduit, if any, should be concealed within the pole or encased in manner that is minimally visible by running within a flute and painted to match. m. UPPER-POLE – 5G ANTENNA/RADIO – The applicant has proposed to allocate an upper-pole portion to feature exposed 5g antennas. Upper-pole is defined above seventeen-feet (17') from grade. At this time, only AT&T and Verizon have submitted and pursued the installation of 5g equipment. AT&T will feature two (2) half-cylinder antennas flanking both side of the pole, up to 10 inches in depth and width, and 14 to 24 inches in height. Verizon will feature three (3) rectangular antennas angled equidistantly, 12 inches in depth, 12 inches wide, and up to 24 inches in height. Staff finds following upper-pole specifications to be appropriate. The specifications are as follows: located above 17 feet from grade, featuring radial-mounted 5g equipment no more than 12 inches in depth, 12 inch in width, and 24 inch in total height, that may feature a single simple geometries and that is manufactured or painted "Tavern Green" and will note feature any branding, messaging, or outstanding utilitarian details. Conduit, if any, should be concealed within the pole or encased in manner that is minimally visible by running within a flute and painted to match. n. POLE-TOP – 4G ANTENNA/RADIO – The applicant has proposed to allocate a top-pole portion to feature an exposed 4g antenna. Top-pole is defined as on top of the pole, effectively extending the pole in total height. All four providers have submitted to install 4g antennas, including AT&T whose 4g radio was will be excluded from the mid-pole portion to be incorporated with their 4g antennas at top-pole Each provider's 4g antennas can be manufactured in a cylindrical shape to extend the existing general form of the pole and can each be within 12 inches in diameter and between 3 to 6.5 feet in height. Staff finds the following top-pole specifications to be appropriate: located on the top of the pole effectively extending the height of the pole, featuring cylindrical 4g equipment no more than 12 inches in diameter and 6.5 feet in height and that is manufactured or painted "Tavern Green" and will note feature any branding, messaging, or outstanding utilitarian details. Conduit, if any, should be concealed within the pole or encased in manner that is minimally visible by running within a flute and painted to match.

RECOMMENDATION:

Staff recommends approval of the pilot program and streetlight pole design based on findings b through n with the following stipulations: i. PILOT SCOPE – No more than 3 streetlights per provider or 12 streetlights total are subjected to replacement. ii. PILOT AREA - The pilot area is limited to the center of Downtown within the primary boundaries of E Pecan, N Alamo, E Commerce, E Market, and E Houston. iii. PILOT PERIOD – The 6 month pilot period shall begin the day after approval by the HDRC. Each provider is responsible for installing their equipment within the pilot period, which includes: coordinating with CPS to claim individual pole locations, obtaining each location's respective permits and administrative Certificates of Appropriateness, and coordinating with CPS on the physical removal of the existing pole and installation of the new pole with network node equipment. If all involved

parties are generally satisfied with findings from the pilot period, then CPS in coordination with providers may be eligible for indefinite administrative approval for replacing remaining Downtown streetlights to accommodate network node equipment. If the pilot design is found to be aesthetically or operationally unsatisfactory to associated parties by the end of the pilot period, compliance which may include the removal of the network node equipment must be achieved within 6 months within the end of the pilot period, effectively a year from the date of the pilot approval. iv. OVERALL DESIGN – Replacement poles should feature the same "Valmont Tapered 16 Flat Fluting" featuring a "Huntington" tapered base and a fluted pole no wider than 10 inches in diameter or 40 feet in total height. All attached equipment should be manufactured or painted "Tavern Green" and will not feature any branding, messaging, or outstanding utilitarian details. Conduit, if any, should be concealed within the pole or encased in manner that is minimally visible by running within a flute and painted to match. v. BASE – METER AND DISCONNECT – The base should be located at ground level, featuring a tapered "Huntington" base no larger than 24 inches in diameter at the widest portion, and may include a riser no taller than 16.5 inches before tapering and is flush with the round bottom of the base and features a flush access door. vi. MID-POLE – 4G RADIO - The mid-pole allotment should be located above 14 feet from grade, featuring side-mounted equipment no more than 18 inches in depth, 18 inches in width, and 36 inches in total height, in a single simple rectangular shroud or individual exposed 4g equipment of simple geometries. vii. UPPER-POLE – 5G ANTENNA – The upper-pole allotment should be located above 17 feet from grade, featuring radial-mounted 5g equipment no more than 12 inches radiating from the center of the pole, and 24 inch in total height, and simple geometries. viii. TOP-POLE – 4G ANTENNA – The top-pole allotment should be located on the top of the pole effectively extending the height of the pole, featuring cylindrical 4g equipment no more than 12 inches in diameter and 6.5 feet in height. ix. MAINTENANCE – In addition to operational maintenance, the applicant is responsible for the visual upkeep of streetlight poles and attached equipment. Poles and equipment should maintain their Tavern Green finish and be repainted as necessary. Attached equipment that is found to be no longer in use should be removed. x. ARCHEALOGY- The project shall comply with all other applicable federal, state, and local laws, rules, and regulations regarding archaeology. xi. PERMITTING - Subsequent applicants (providers in coordination with CPS) are responsible for obtaining all required permits and regulatory approval including but not limited to coordination with TCI, ITSD, OHP, and DSD prior to actual implementation.

COMMISSION ACTION:

Approved with stipulations noted in staff's recommendation in the above section.

RE-ISSUE REASON:

VERIZON/MODUS has satisfied the terms of the pilot program and are ELIGIBLE for administrative approval of attaching to or replacing streetlight poles in Downtown for network node equipment.

Poles installed by VERIZON/MODUS must adhere to the approved 'final product' design, including cable concealment, associated with the submitted case file.

Any deviation from the approved 'final product' design may require additional review.

While streetlight replacements in Downtown are ELIGIBLE for administrative approval, the Historic Preservation Officer may require any request to be heard by the Historic and Design Review Commission if the proposed location poses a potential adverse effect to nearby historic landmarks or within historic districts.

RE-ISSUE DATE: 8/4/2020

RE-ISSUED BY: Huy Pham

Shanon Shea Miller
Historic Preservation Officer

A Certificate of Appropriateness (COA) serves as a record of design approval and is valid for 180 days. Work that is not completed in accordance with this certificate may be subject to correction orders and other penalties.

A COA does not take the place of any required building permits nor does it authorize the use of a property beyond what is allowed by the Unified Development Code. Prior to beginning your construction project, please contact the Development Services Department at (210) 207-1111 to ensure that all requirements have been met.

This Certificate must remain posted on the job site for the duration of your project. Modifications to an approved design or an expired approval will require a re-issue of your Certificate of Appropriateness by OHP staff. Please contact OHP Staff at (210) 207-0035 with any questions.

HDRC HEARING
Verizon Wireless

San Antonio, TX
September 2, 2020

SUMMARY
CPS Light Pole Replacement (within the Downtown Area) Design Overview

We would like to provide a brief summary of the progression of this design and its subsequent approval by the City of San Antonio, CPS, and the Office of Historic Preservation on our initial live site at 145 Navarro St. This was pursuant to approval received through the HDRC on August 21st of 2019 for our live pilot of a downtown CPS Light Pole Replacement.

In a joint effort by the major internet providers, and in conjunction with all the above-mentioned city stakeholders, there was a coordinated effort to provide one standard design for any CPS green light pole replacement within the San Antonio Downtown and Historic District footprint. After much work and sharing of best practices across all parties, we came up with a successful design that met all necessary standards. That is the design we are presenting today. We received the final approval of our pilot installation with the COA on our completed CPS Light Pole replacement on 8/4/2020.

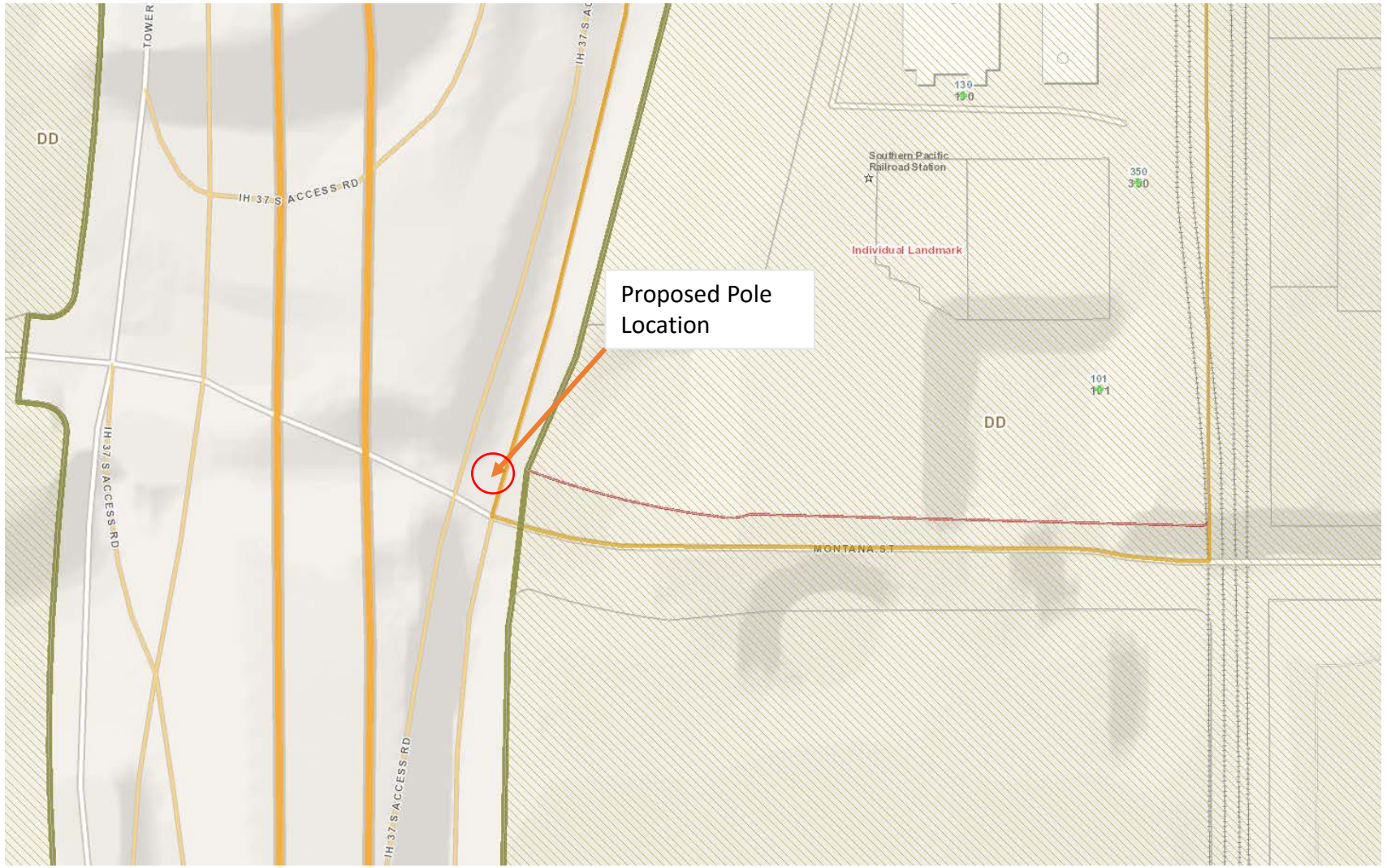
This the package is intended to provide the HDRC with a visual of the actual location for which we are now requesting approval. We have included detailed annotations to address various factors as to why we must have this node in a particular location in order to achieve and maximize coverage for the desired area.

METHODOLOGY FOR SITE SELECTION

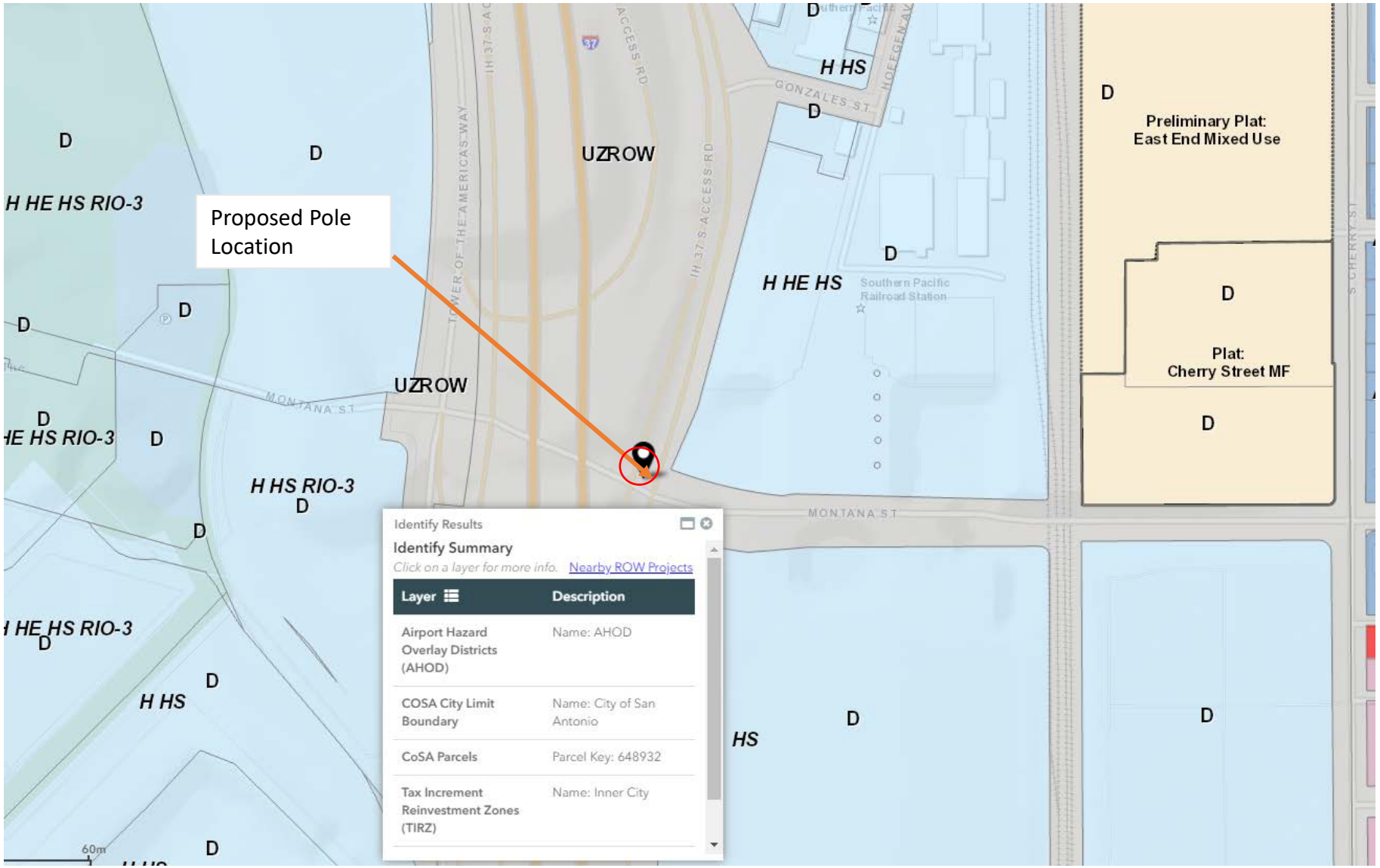
Once a significant coverage/capacity gap is determined, Verizon Wireless seeks to identify a site that will provide a solution through the “least intrusive means” based upon Verizon Wireless’s experience with designing similar facilities and working within local regulations.

In addition to seeking the “least intrusive” alternative, sites proposed by Verizon Wireless must be feasible. In this regard, Verizon Wireless reviews the topography, radio frequency propagation, elevation, height, available electrical and telephone utilities, access, and other critical factors. Wherever feasible, Verizon Wireless seeks to identify collocation opportunities on existing structures within the ROW that allow placement of wireless facilities with minimal impacts.

VERIZON SITE ID: ALAMODOME BRIDGE E SC
SMALL CELL PERMIT: N/A – TXDOT JURISDICTION
ADDRESS: 260 IH-37 S ACCESS RD
COORDINATES: 29.418792, -98.479934
SMALL CELL DESIGN: CPS METAL STREETLIGHT REPLACEMENT
SPECIAL DISTRICT: ST. PAUL SQUARE



ZONING: UZROW



EXISTING PHOTOS (I-37 ACCESS RD & MONTANA ST)

LOOKING SW AT SUBJECT SITE

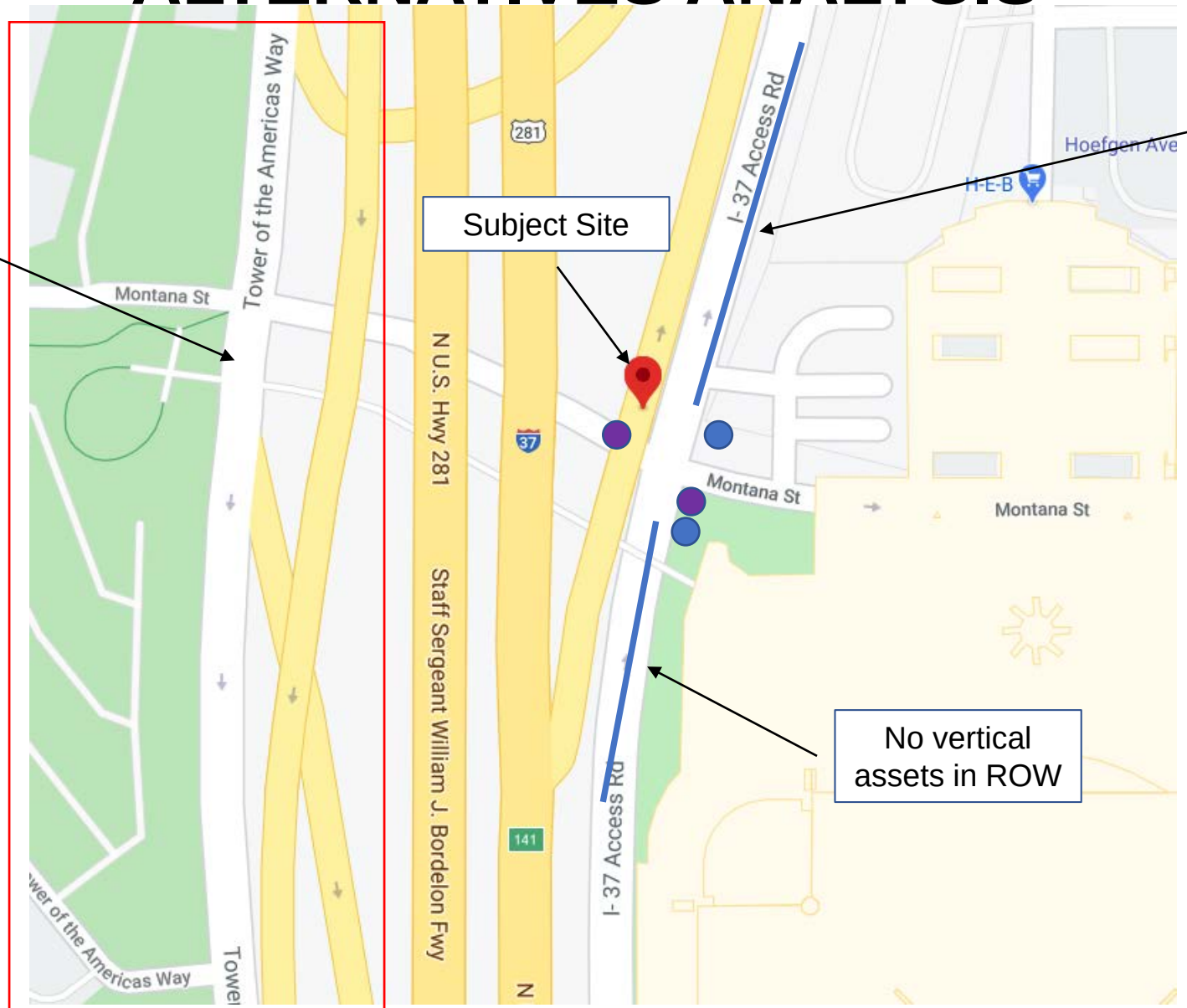
LOOKING N AT SUBJECT SITE

LOOKING W AT SUBJECT SITE

Photo Simulation

ALTERNATIVES ANALYSIS

Coverage objective is the east side of I-37. Could not get coverage if on W side of I-37 due to freeway overpass



TXDOT owned streetlights. TXDOT not allowing carriers to utilize until a few weeks ago

Other CPS Metal Streetlights

TXDOT owned traffic signals. TXDOT not allowing carriers to utilize until a few weeks ago. Would disrupt the intersection a lot more during CX than a streetlight

HDRC HEARING
Verizon Wireless

San Antonio, TX
September 2, 2020

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This the package is intended to provide the HDRC with a visual of the actual location for which we are now requesting approval. We have included detailed annotations to address various factors as to why we must have this node in a particular location in order to achieve and maximize coverage for the desired area.

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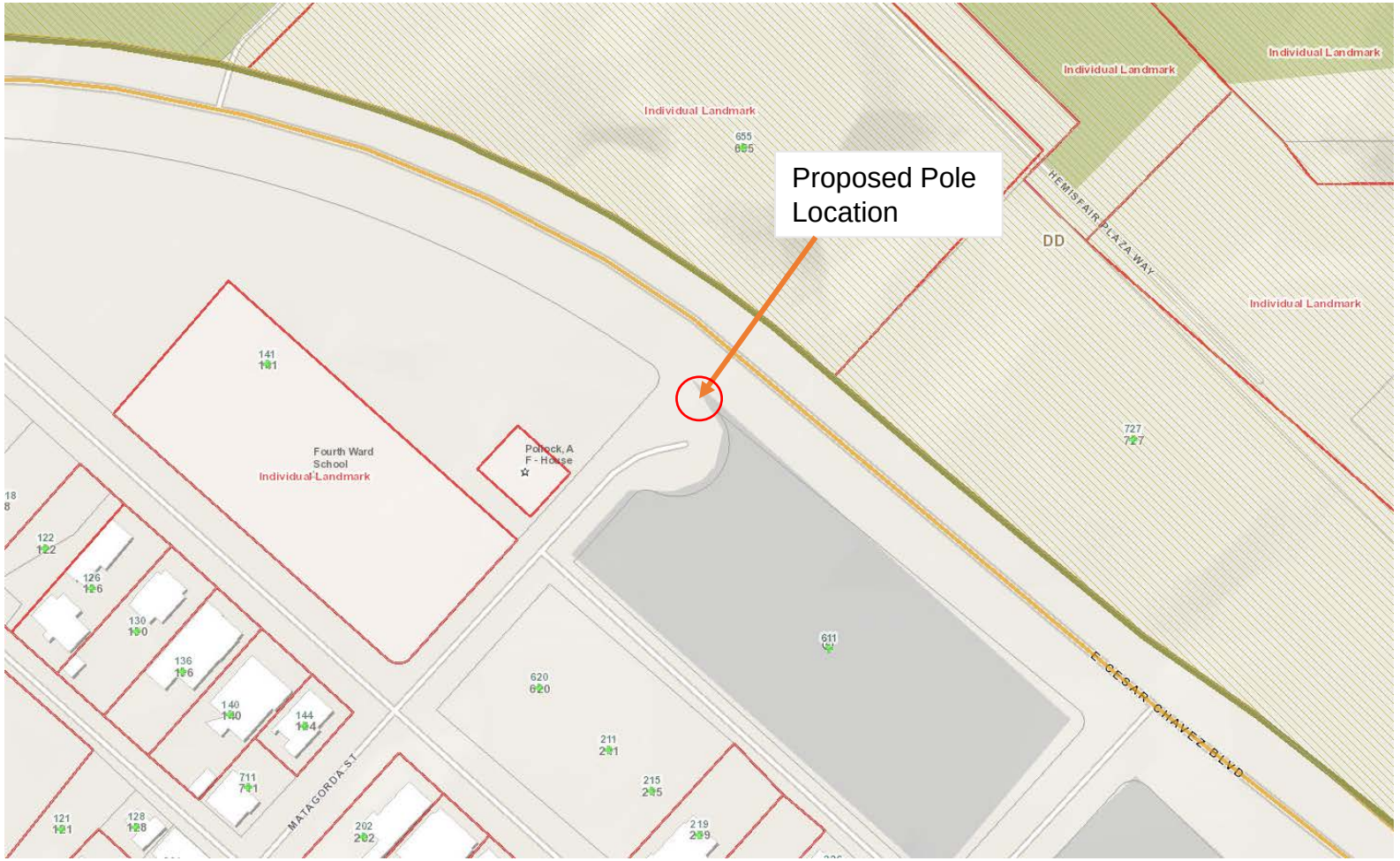
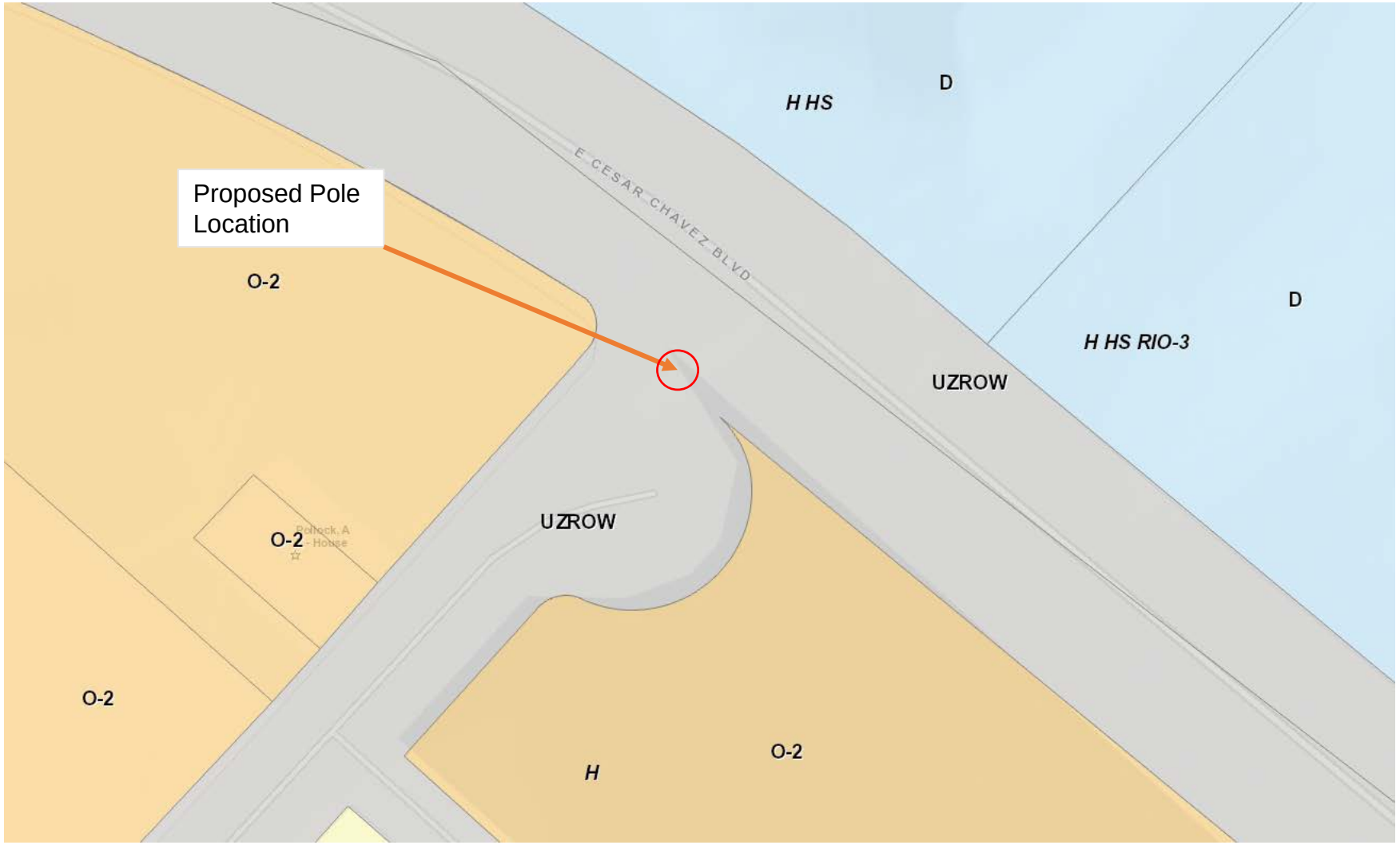
VERIZON SITE ID: KingWilliam03_SC
SMALL CELL PERMIT: 359640
ADDRESS: 644 E CESAR E CHAVEZ
COORDINATES: 29.417633, -98.485835
SMALL CELL DESIGN: CPS METAL STREETLIGHT REPLACEMENT
SPECIAL DISTRICT: Lavaca



ZONING: UZROW



EXISTING PHOTOS (E CESAR CHAVEZ BLVS & MATAGORDA ST)

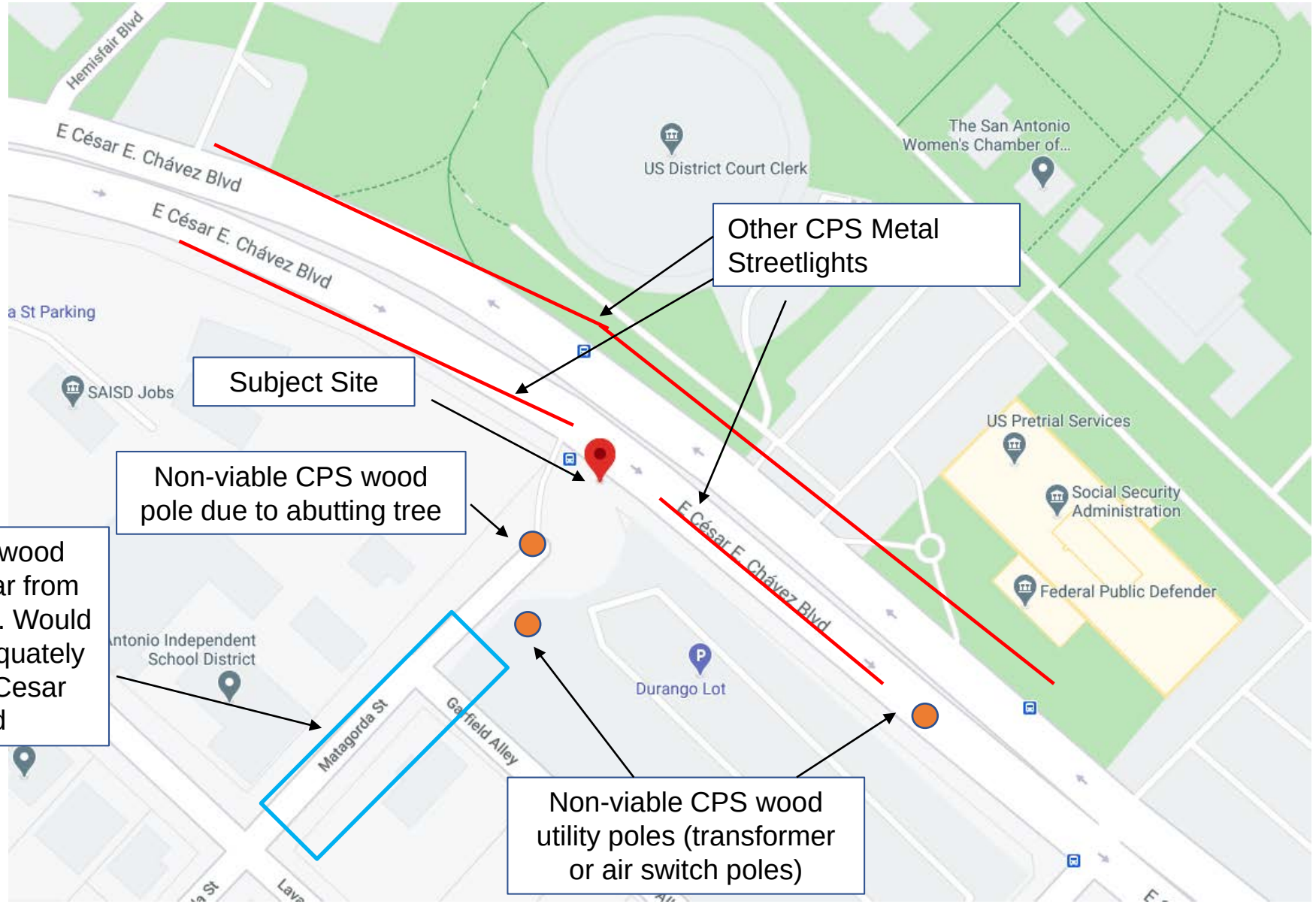
LOOKING N AT SUBJECT SITE

LOOKING S AT SUBJECT SITE

LOOKING NE AT SUBJECT SITE

Photo Simulation

ALTERNATIVES ANALYSIS



HDRC HEARING
Verizon Wireless

San Antonio, TX
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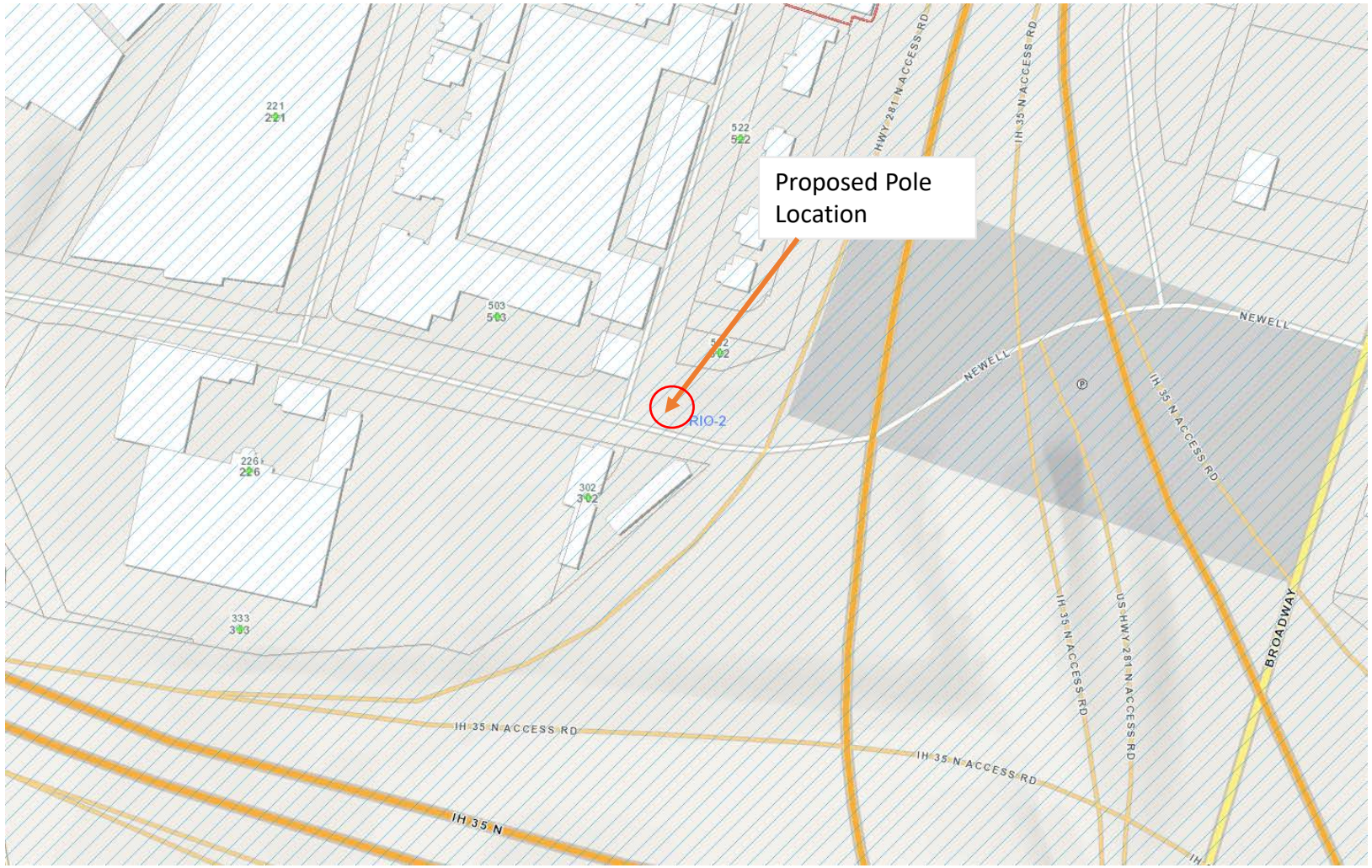
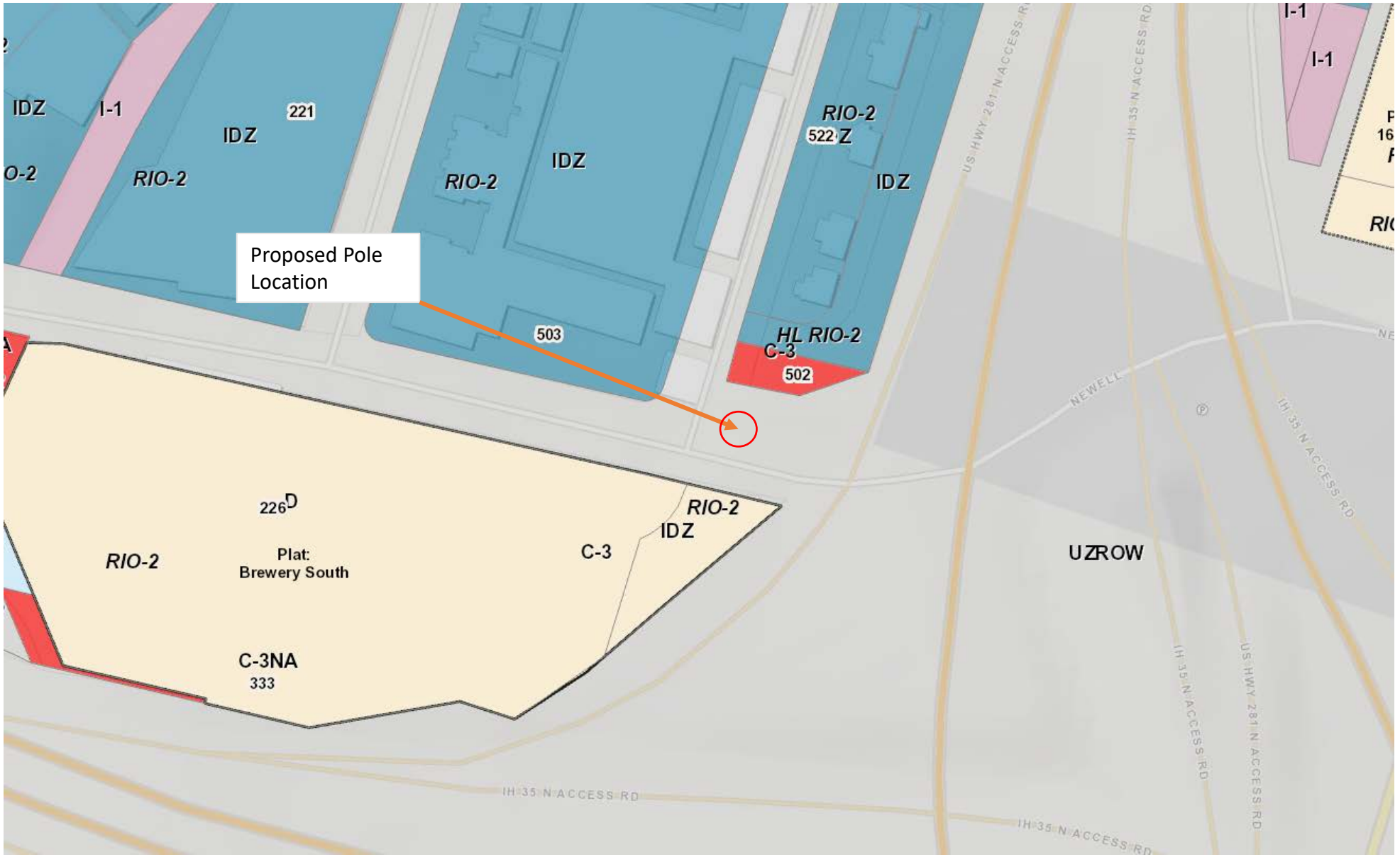
VERIZON SITE ID: PEARL_AVENUE_A_NEWELL_SC
SMALL CELL PERMIT: COSA-8129-20200713
ADDRESS: 305 NEWELL
COORDINATES: 29.440389, -98.4796982
SMALL CELL DESIGN: CPS METAL STREETLIGHT REPLACEMENT
SPECIAL DISTRICT: RIO-2



ZONING: C-3


IDZ
I-1
221
IDZ
RIO-2
RIO-2
IDZ
RIO-2
522
Z
IDZ
I-1
I-1
Proposed Pole Location
503
HL RIO-2
C-3
502
226
D
RIO-2
IDZ
RIO-2
Plat:
Brewery South
C-3
UZROW
C-3NA
333
NEWELL
IH 35 N ACCESS RD
US HWY 281 N ACCESS RD

EXISTING PHOTOS (NEWELL AVE & AVENUE A)

LOOKING W AT SUBJECT SITE

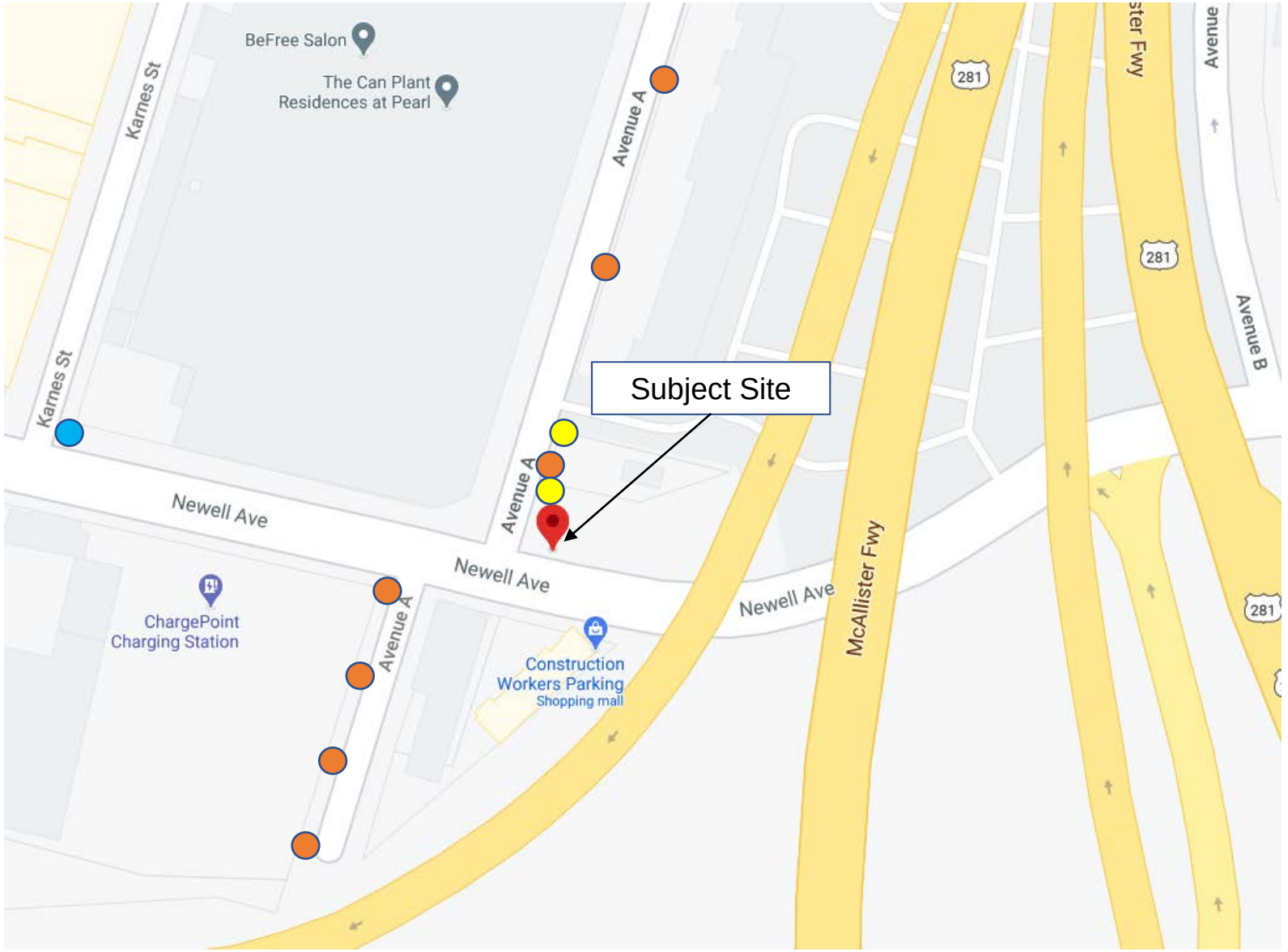
LOOKING E AT SUBJECT SITE

LOOKING N AT SUBJECT SITE

Photo Simulation

ALTERNATIVES ANALYSIS

- Existing CPS wood utility poles. Not viable due to transmission lines on them (CPS does not allow colocation
- Existing CPS wood utility poles. Not viable due to them either being guy wire poles (CPS does not allow) or they are too close to the overhead transmission lines
- Existing CPS metal streetlight. Verizon pursuing this location in a separate application be heard at a future date



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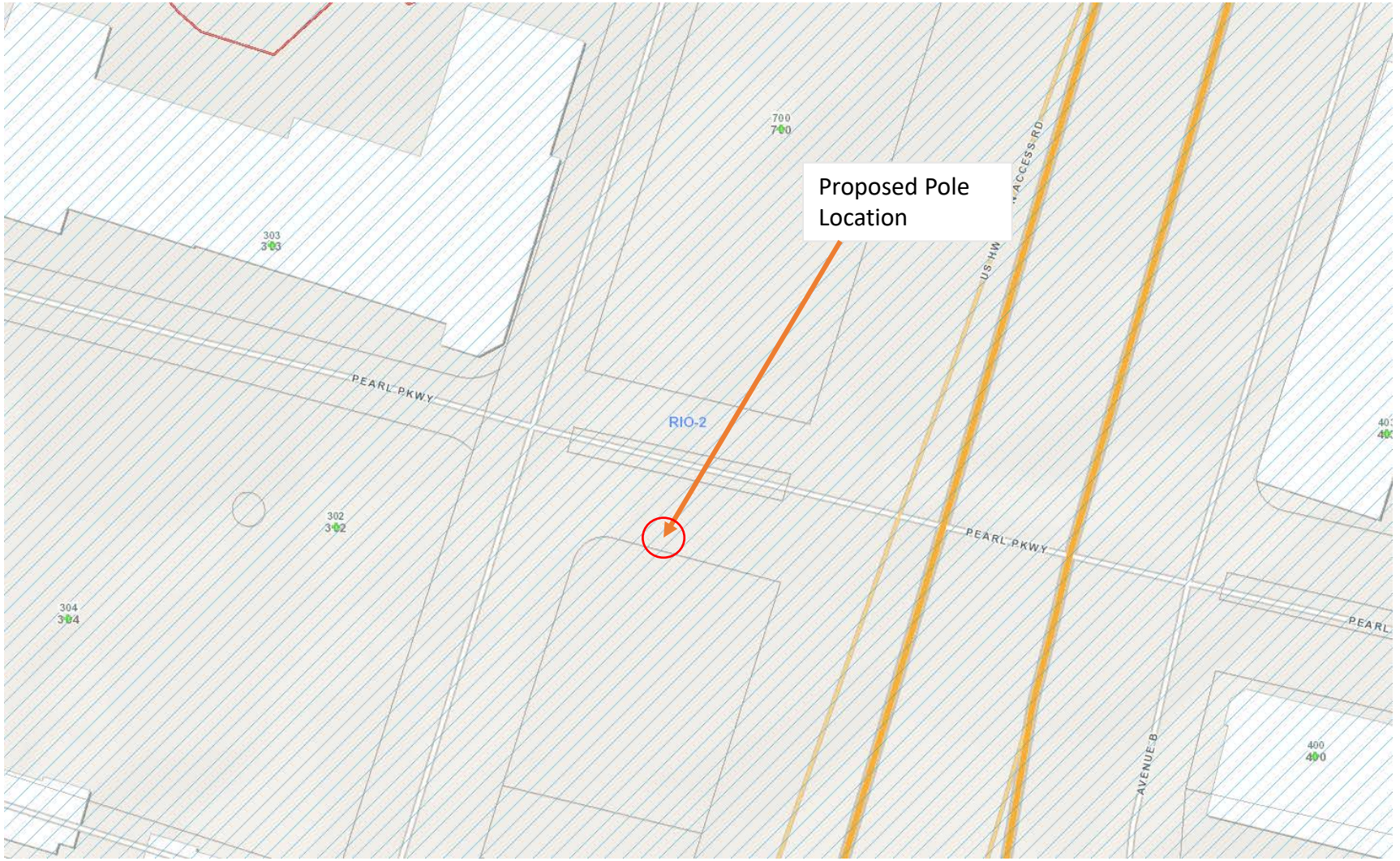
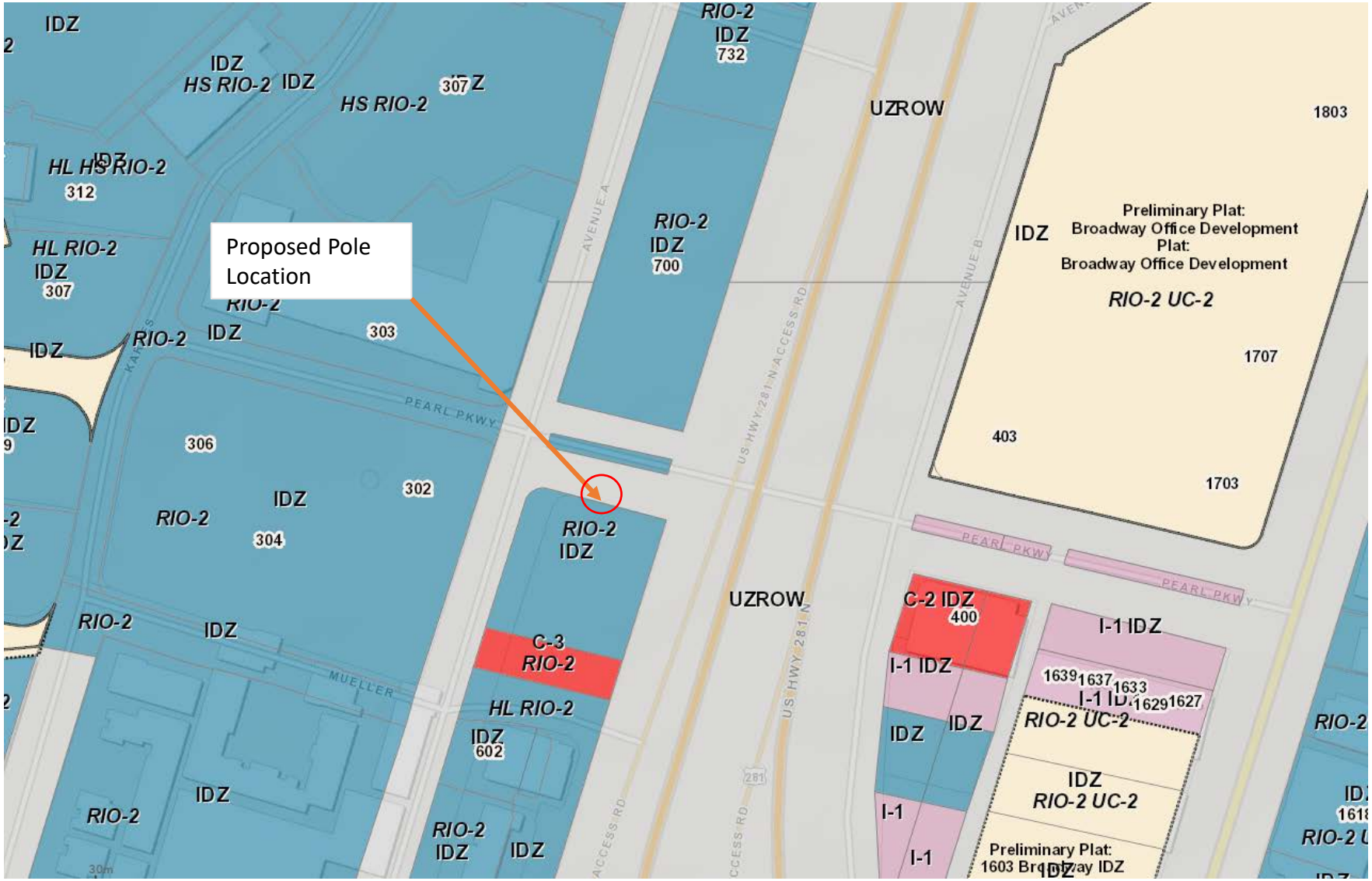
VERIZON SITE ID: PEARL_PARKWAY AVENUE A SC
SMALL CELL PERMIT: COSA-8134-20200713
ADDRESS: 324 PEARL PKWY
COORDINATES: 29.442043, -98.478928
SMALL CELL DESIGN: CPS METAL STREETLIGHT REPLACEMENT
SPECIAL DISTRICT: RIO-2

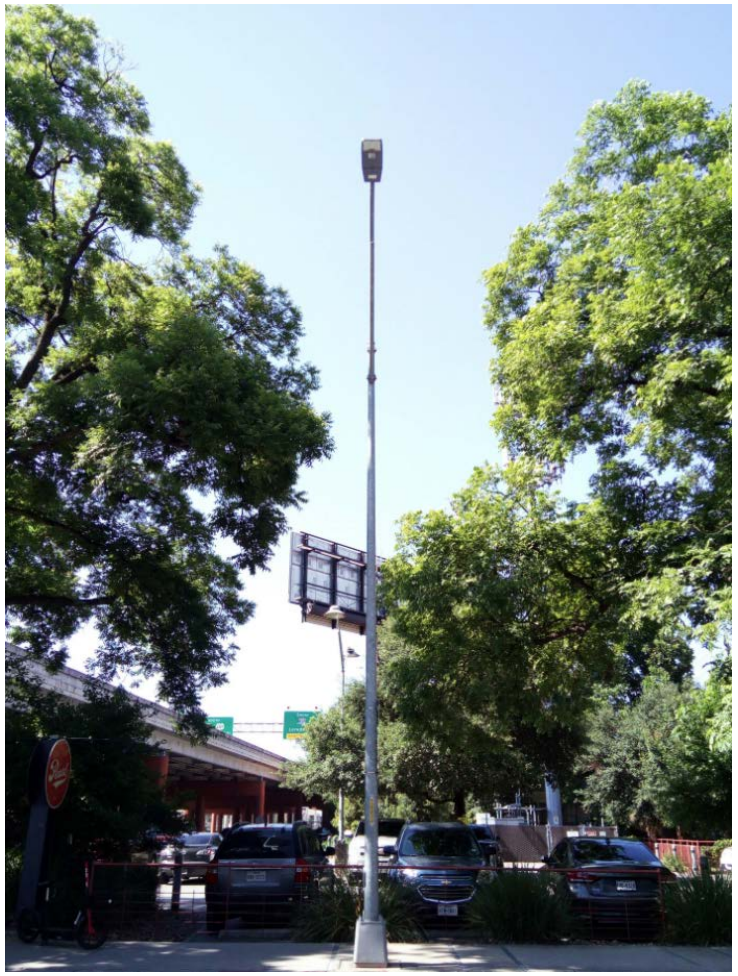


ZONING: IDZ

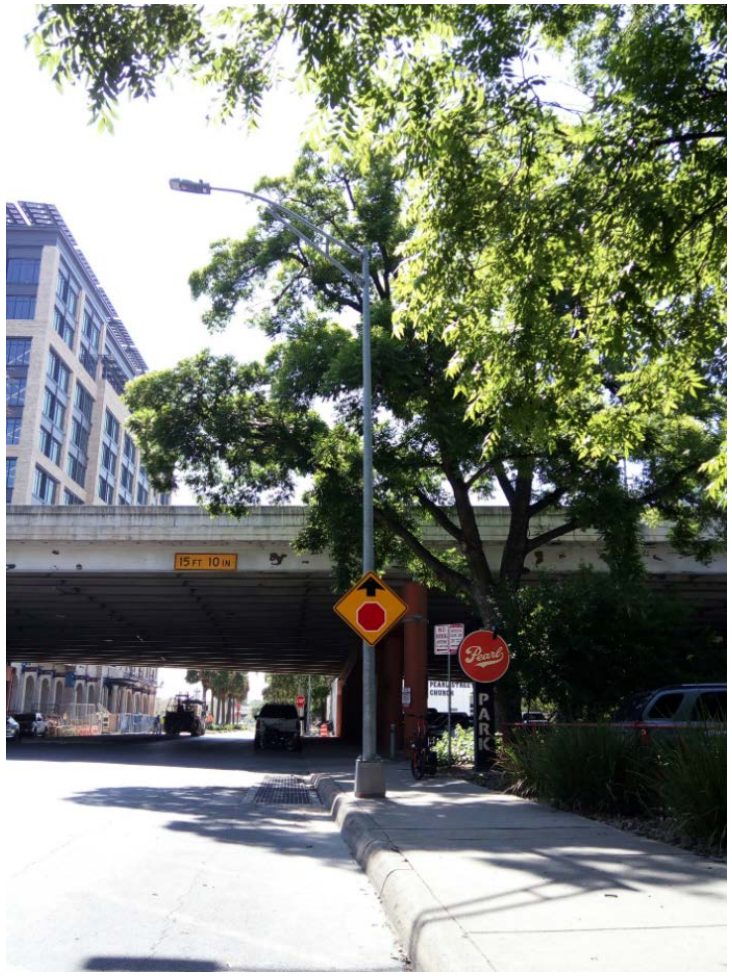

Proposed Pole Location
IDZ
RIO-2
IDZ
732
UZROW
1803
Preliminary Plat:
Broadway Office Development
Plat:
Broadway Office Development
RIO-2 UC-2
1707
403
1703
IDZ
HS RIO-2
307
HL HS RIO-2
312
HL RIO-2
307
RIO-2
700
303
306
302
304
PEARL PKWY
AVENUE A
AVENUE B
US HWY 281 N ACCESS RD
C-3
RIO-2
HL RIO-2
602
UZROW
US HWY 281 N
C-2 IDZ
400
I-1 IDZ
1639
1637
1633
1629
1627
I-1
RIO-2 UC-2
Preliminary Plat:
1603 Broadway IDZ
MUELLER

EXISTING PHOTOS (S SIDE OF PEARL PKWY NEAR AVENUE A)

LOOKING W AT SUBJECT SITE



LOOKING S AT SUBJECT SITE



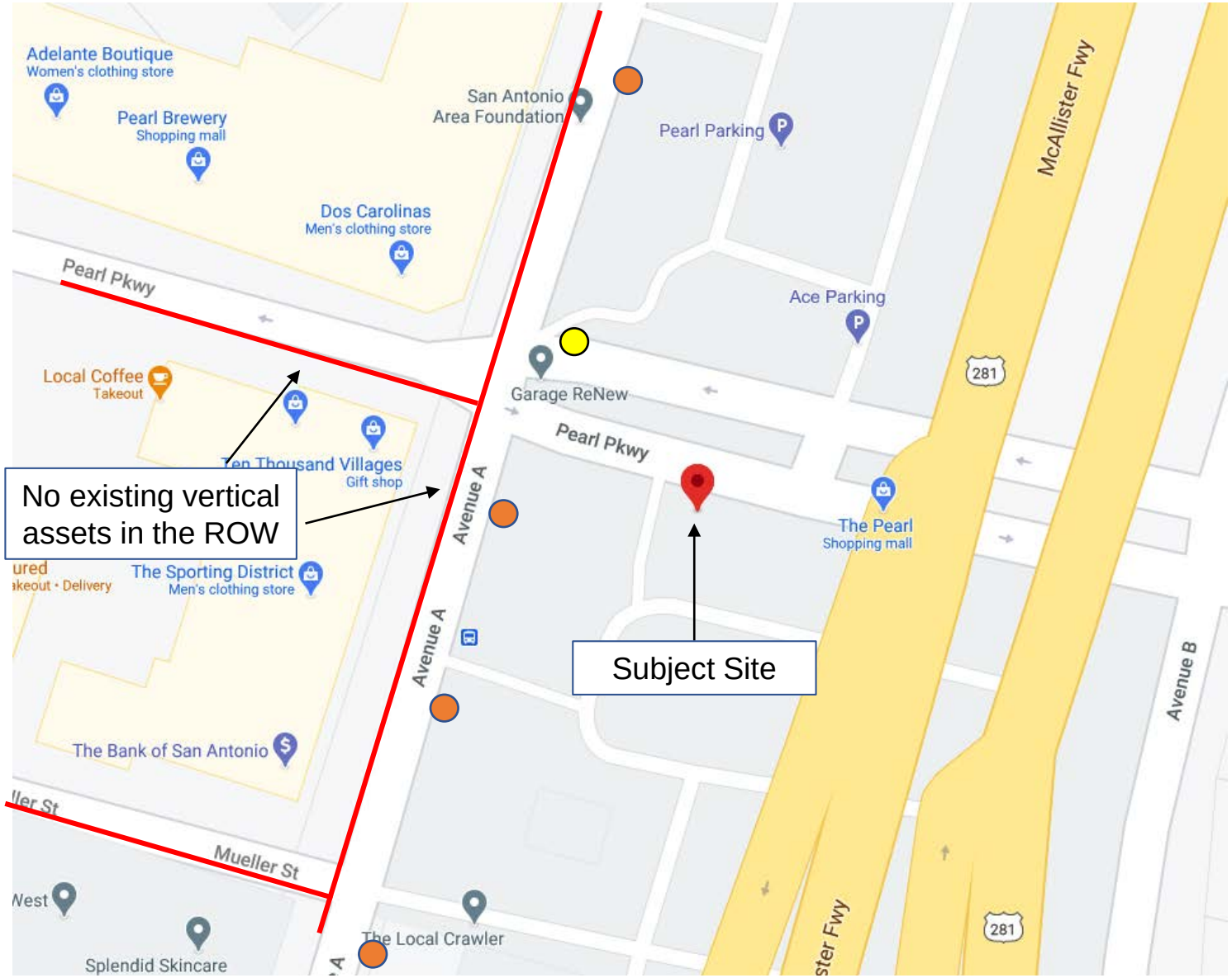
LOOKING E AT SUBJECT SITE

Photo Simulation

ALTERNATIVES ANALYSIS

- Existing CPS wood utility poles. Not viable due to transmission lines on them (CPS does not allow colocation

- Existing CPS metal streetlight. Not viable due to the proximity to the overhead transmission lines nearby



HDRC HEARING
Verizon Wireless

San Antonio, TX
September 2, 2020

SUMMARY
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METHODOLOGY FOR SITE SELECTION

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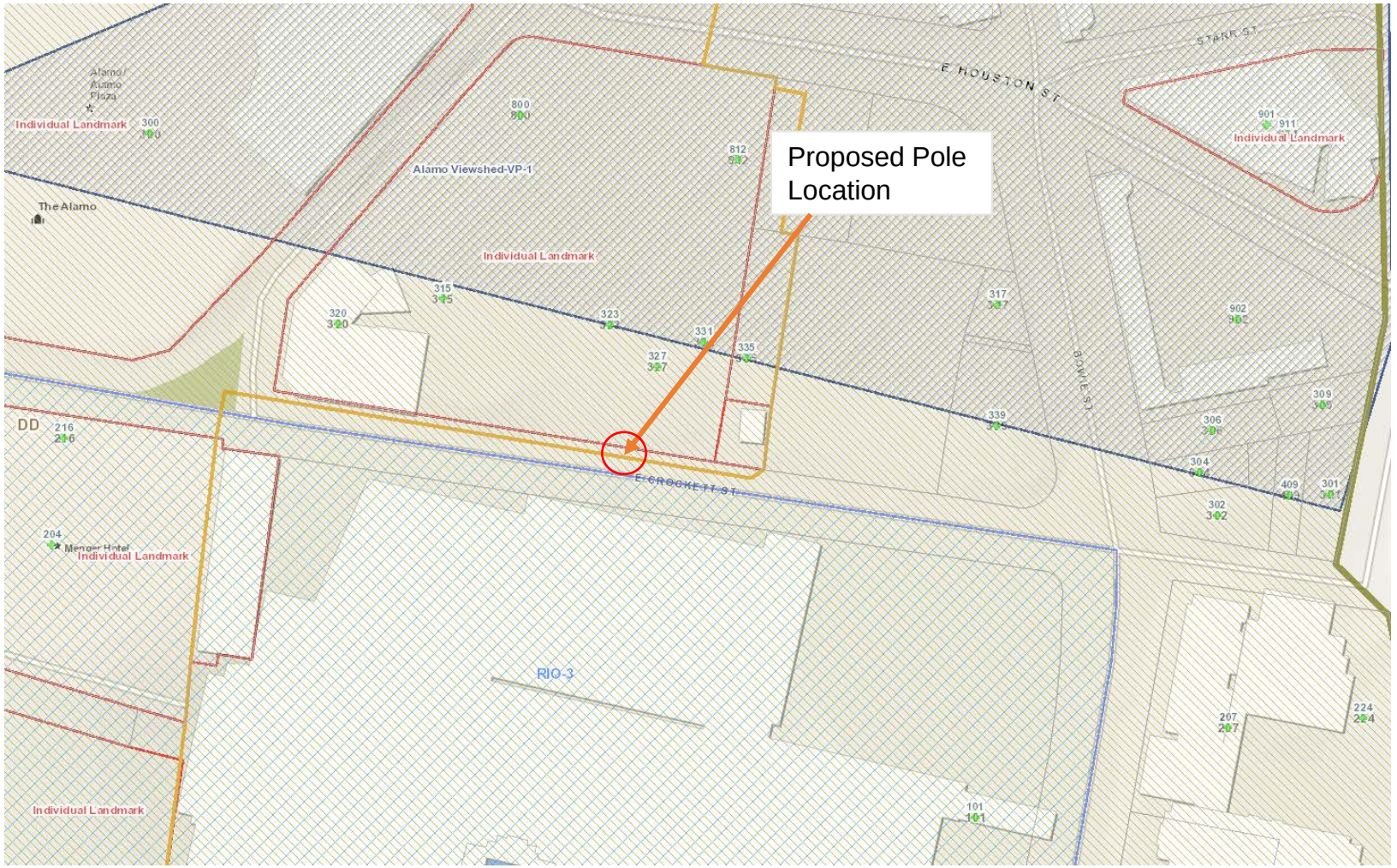
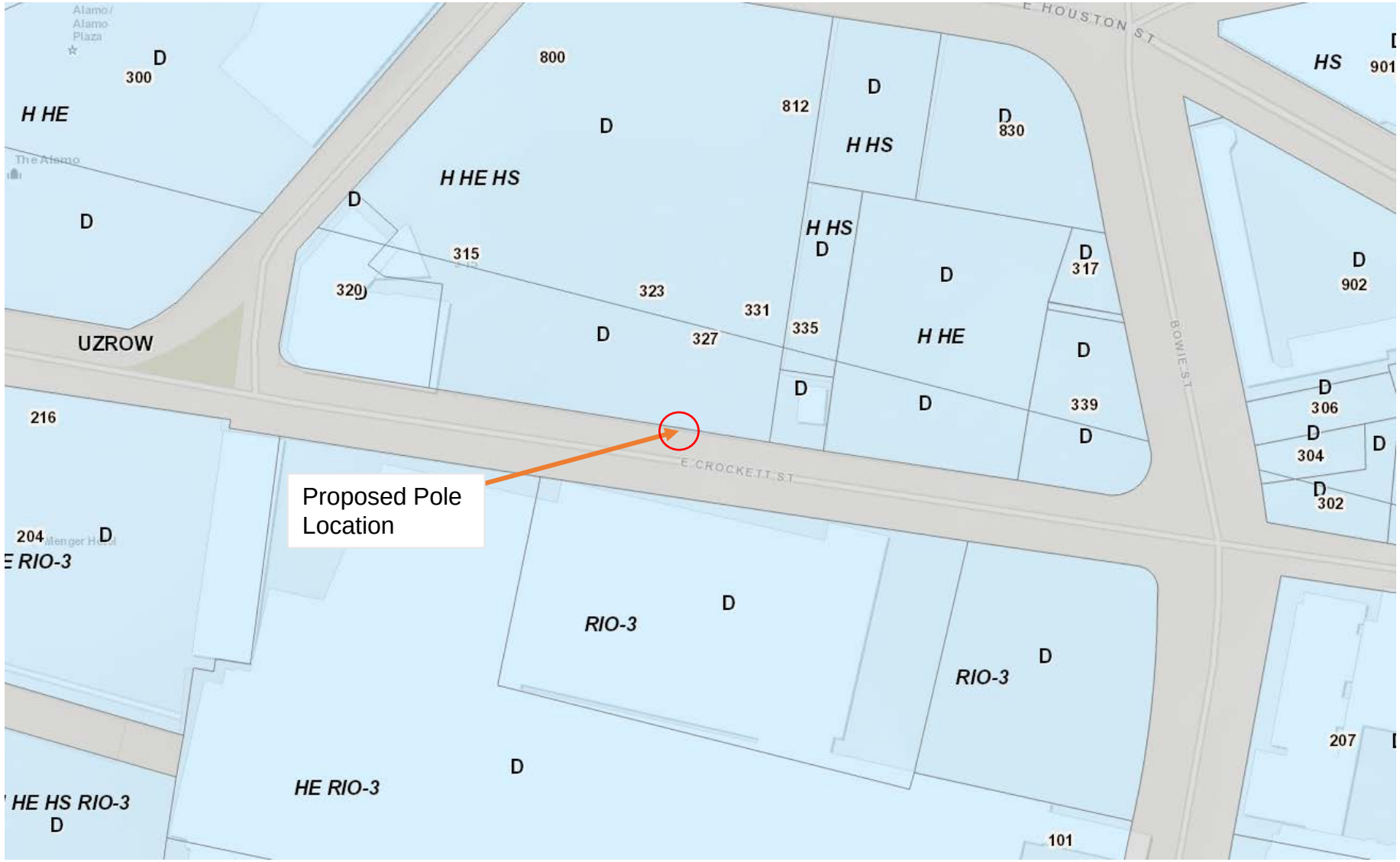
VERIZON SITE ID: RIVERCENTER_IMAX_SC
SMALL CELL PERMIT: COSA-5817-20200625
ADDRESS: 325 E CROCKETT ST
COORDINATES: 29.424892, -98.484341
SMALL CELL DESIGN: CPS METAL STREETLIGHT REPLACEMENT
SPECIAL DISTRICT: CROCKETT HOTEL / ALAMO PLAZA



ZONING: D


Alamo/
Alamo
Plaza
The Alamo
E HOUSTON ST
E CROCKETT ST
BOWIE ST
UZROW
Proposed Pole
Location
H HE
H HE HS
H HS
HS
RIO-3
HE RIO-3
HE HS RIO-3
D
300
800
812
830
315
320
323
331
335
327
317
339
216
204
902
306
304
302
207
101

EXISTING PHOTOS
(N SIDE OF E CROCKETT ST IN BETWEEN BOWIE ST AND BONHAM ST)

LOOKING W AT SUBJECT SITE

LOOKING N AT SUBJECT SITE

LOOKING E AT SUBJECT SITE

Photo Simulation

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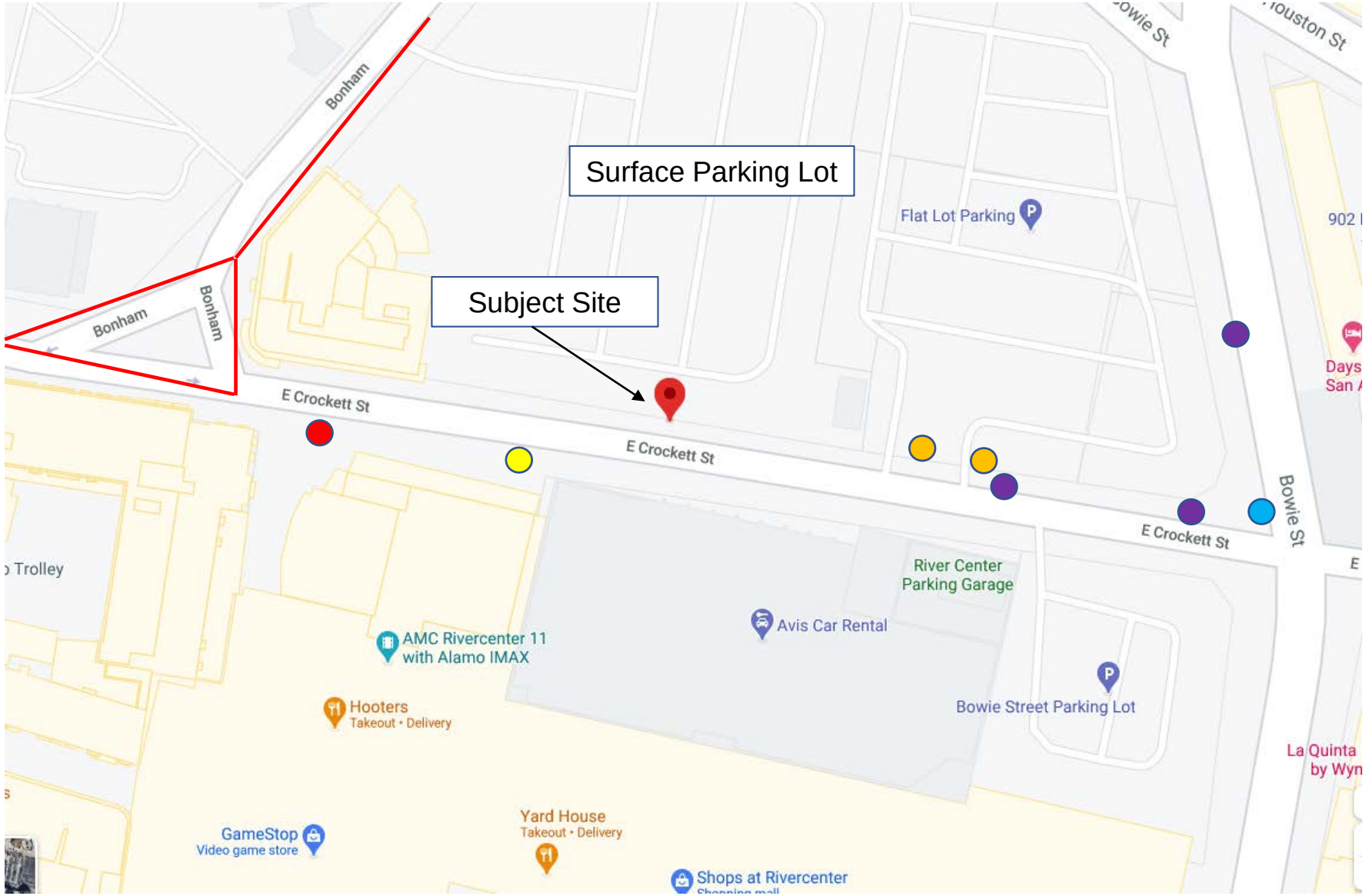
ALTERNATIVES ANALYSIS

- Existing CPS wood utility poles on private property
- CPS metal streetlight. Too close to another proposed Verizon site
- CPS metal streetlight reserved by another carrier
- Existing CPS metal streetlight. Verizon pursuing this location in a separate application be heard at a future date
- CPS metal streetlight
- Area that is being redeveloped (Alamo Plaza Redevelopment)



HDRC HEARING
Verizon Wireless

San Antonio, TX
September 2, 2020

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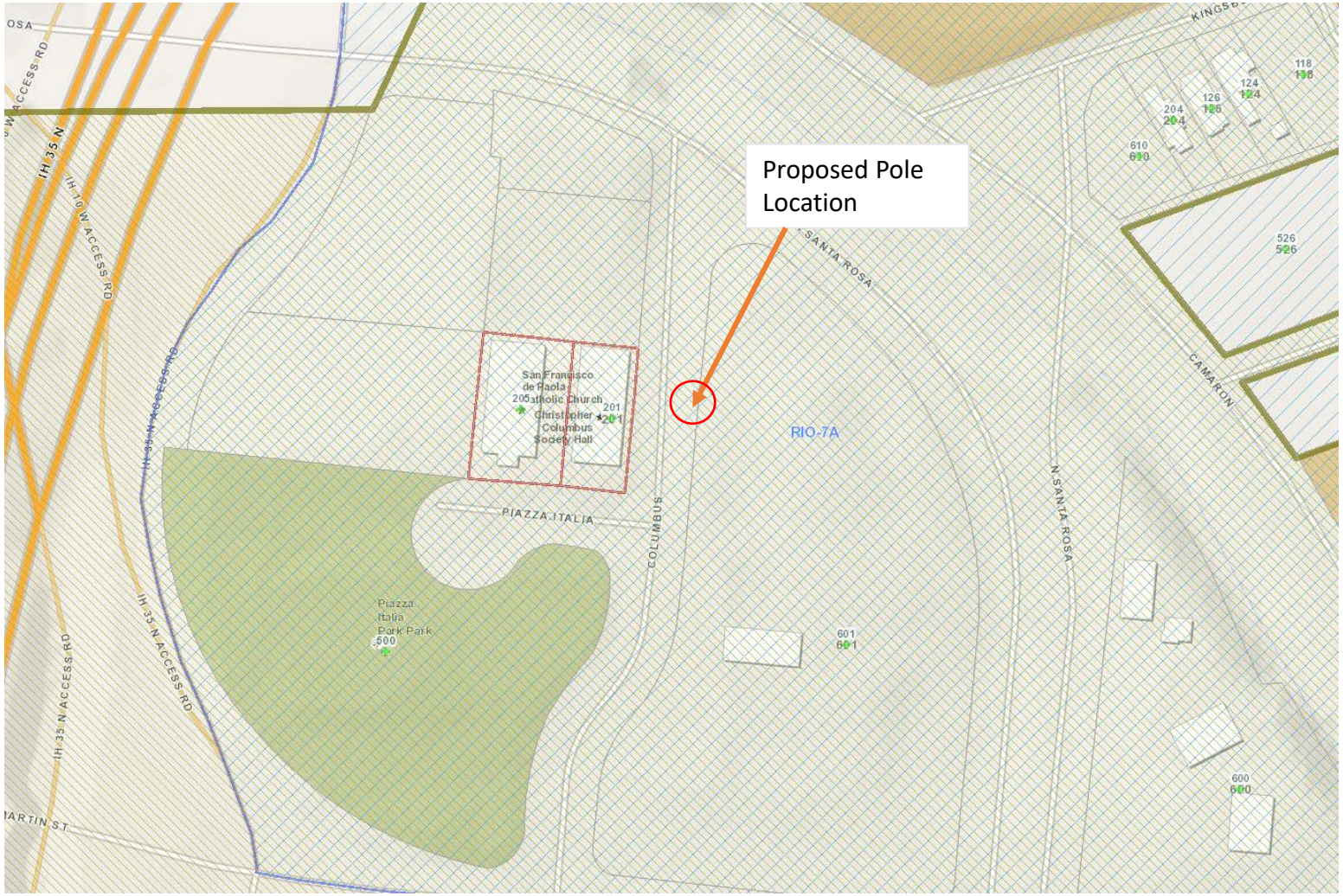
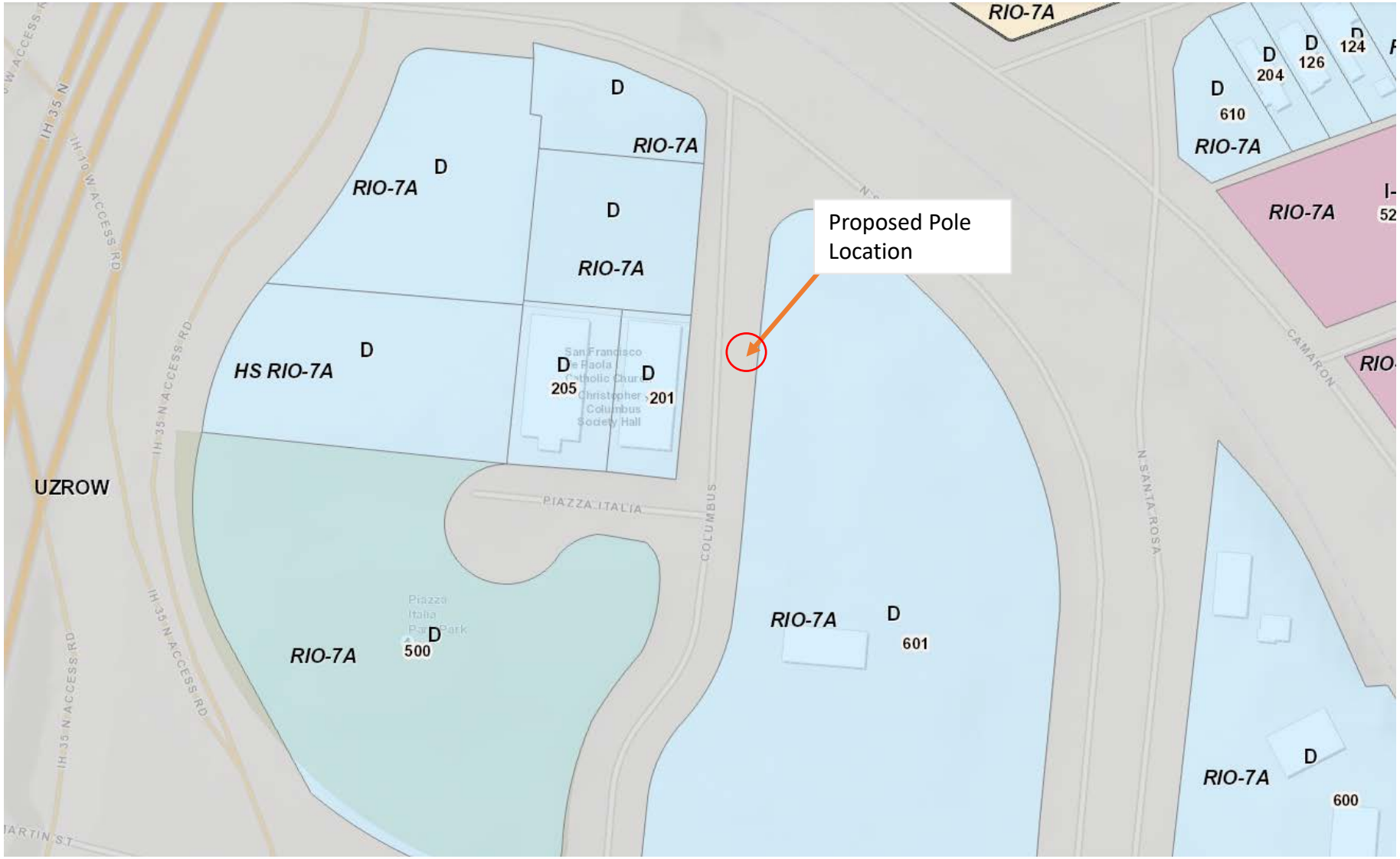
VERIZON SITE ID: SADT_COLUMBUS_PIAZZA_SC
SMALL CELL PERMIT: 358568
ADDRESS: 529 COLUMBUS
COORDINATES: 29.430899, -98.498477
SMALL CELL DESIGN: CPS METAL STREETLIGHT REPLACEMENT
SPECIAL DISTRICT: RIO-7A



ZONING: D


RIO-7A
D
RIO-7A
D
RIO-7A
D
RIO-7A
HS RIO-7A
D
205
D
201
Proposed Pole Location
UZROW
PIAZZA ITALIA
COLUMBUS
RIO-7A
D
500
RIO-7A
D
601
D
610
RIO-7A
D
204
D
126
D
124
RIO-7A
RIO-7A
CAMARON
N SANTA ROSA
RIO-7A
D
600
IH 35 N
IH 10 W ACCESS RD
IH 35 N ACCESS RD
IH 35 N ACCESS RD
IH 35 N ACCESS RD
MARTIN ST

EXISTING PHOTOS
(E SIDE OF COLUMBUS ST IN BETWEEN SANTA ROSE ST AND MARTIN ST)

LOOKING S AT SUBJECT SITE

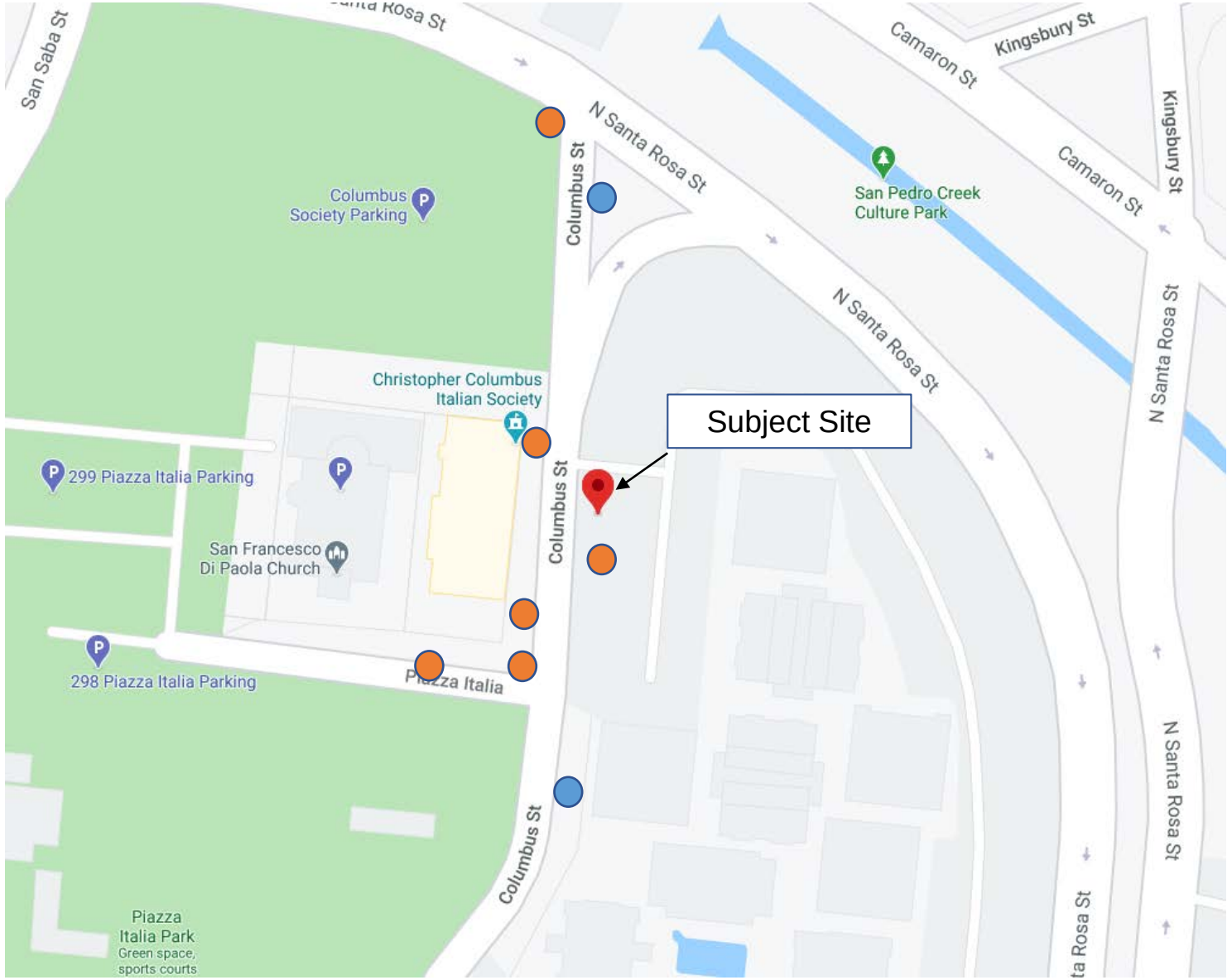
LOOKING N AT SUBJECT SITE

LOOKING E AT SUBJECT SITE

Photo Simulation

ALTERNATIVES ANALYSIS

- Existing CPS wood utility poles. Not viable due to the poles having air switches on them (CPS does not allow colocation
- Other existing CPS metal streetlight.



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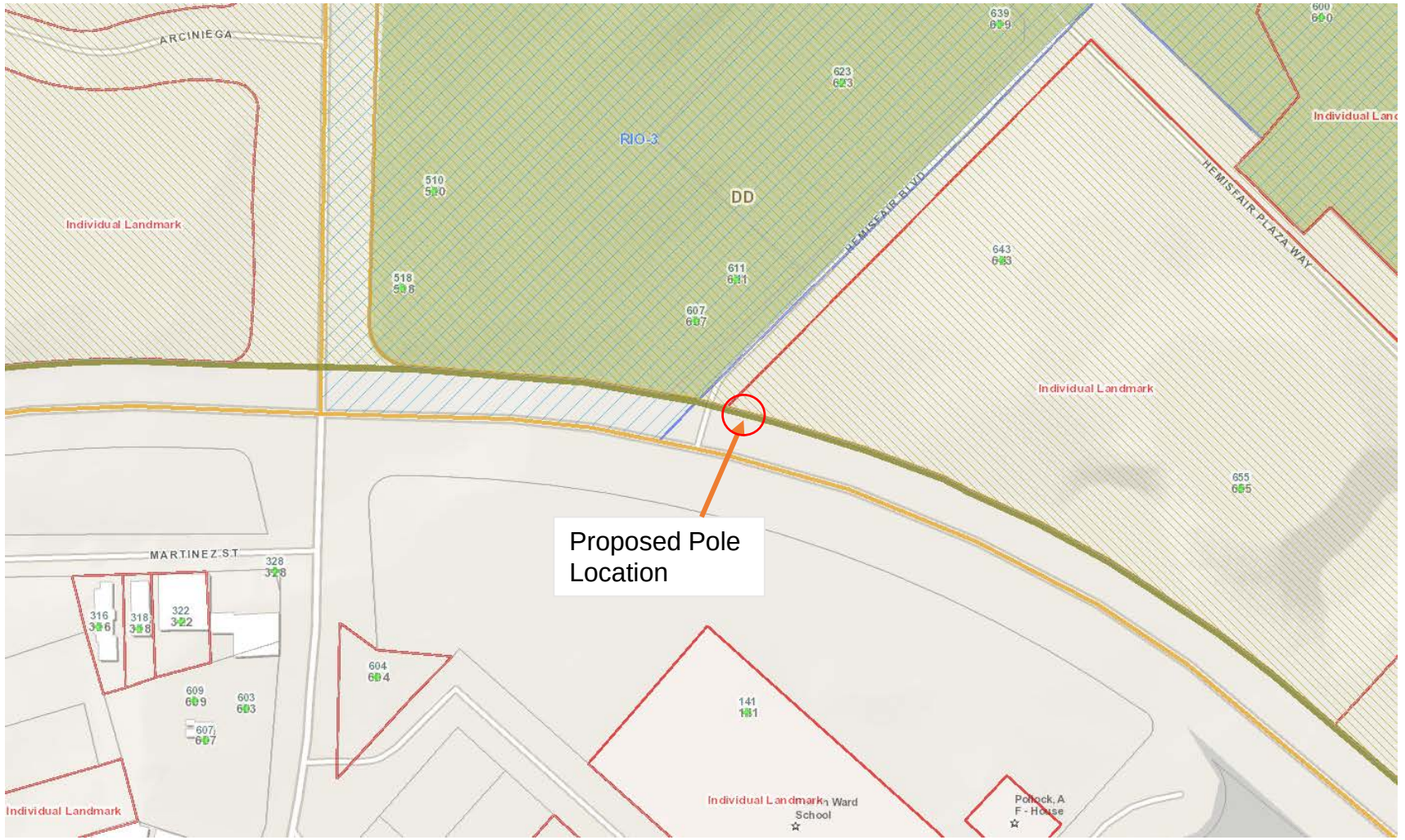
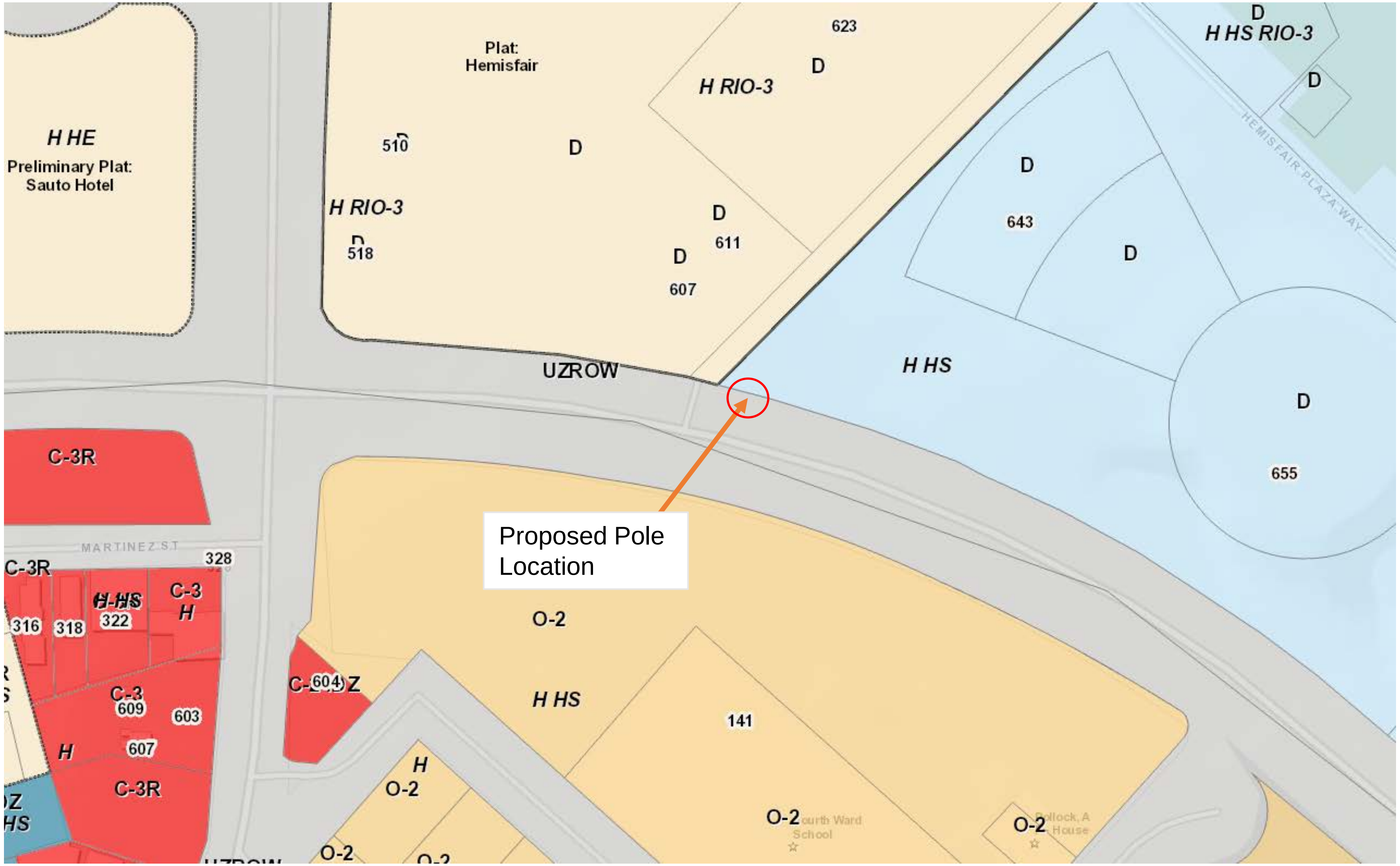
VERIZON SITE ID: SADT_HEMISFAIR PLAY CESAR SC
SMALL CELL PERMIT: 358667
ADDRESS: 625 E CESAR E CHAVEZ BLVD
COORDINATES: 29.418399, -98.487046
SMALL CELL DESIGN: CPS METAL STREETLIGHT REPLACEMENT
SPECIAL DISTRICT: HEMISFAIR PLAZA



ZONING: D



Plat:
Hemisfair
623
D
H RIO-3
D
H HS RIO-3
D
H HE
Preliminary Plat:
Sauto Hotel
510
D
H RIO-3
518
D
611
D
607
D
643
D
UZROW
H HS
D
655
C-3R
MARTINEZ ST
328
C-3R
H-HS
322
C-3
H
316
318
C-3
609
603
607
H
C-3R
604
Proposed Pole
Location
O-2
H HS
141
H
O-2
O-2
O-2

EXISTING PHOTOS
(N SIDE OF E CESAR CHAVEZ BLVD IN BETWEEN ALAMO ST AND MATAGORDA ST)

LOOKING E AT SUBJECT SITE

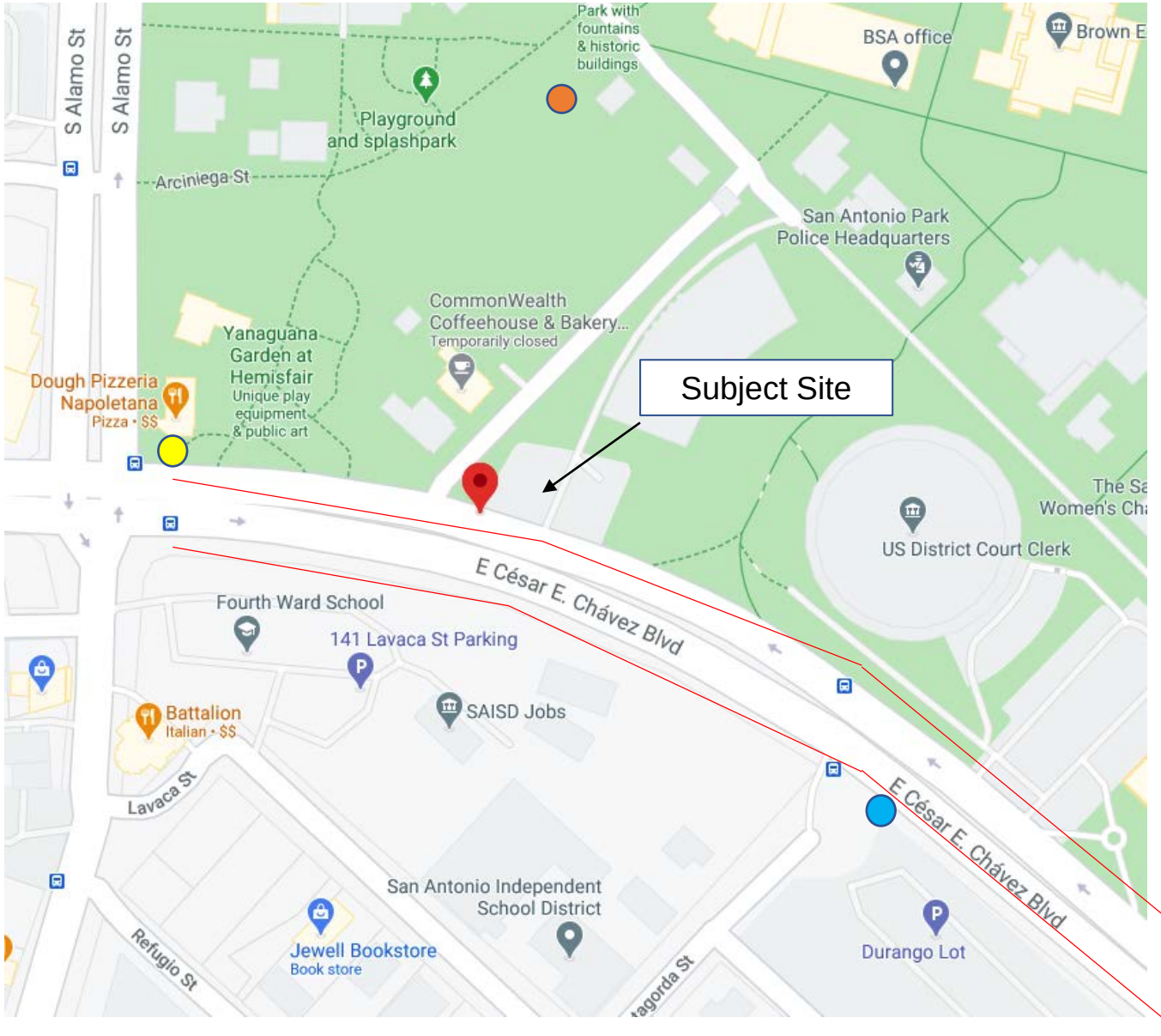
LOOKING N AT SUBJECT SITE

LOOKING NE AT SUBJECT SITE

Photo Simulation

ALTERNATIVES ANALYSIS

- Existing CPS wood utility poles. Not viable due to transmission lines on them (CPS does not allow colocation
- Other CPS metal streetlight pole Verizon is pursuing on a future JHDRC agenda
- Other CPS metal streetlight pole Verizon is pursuing in this hearing (separate application)



HDRC HEARING
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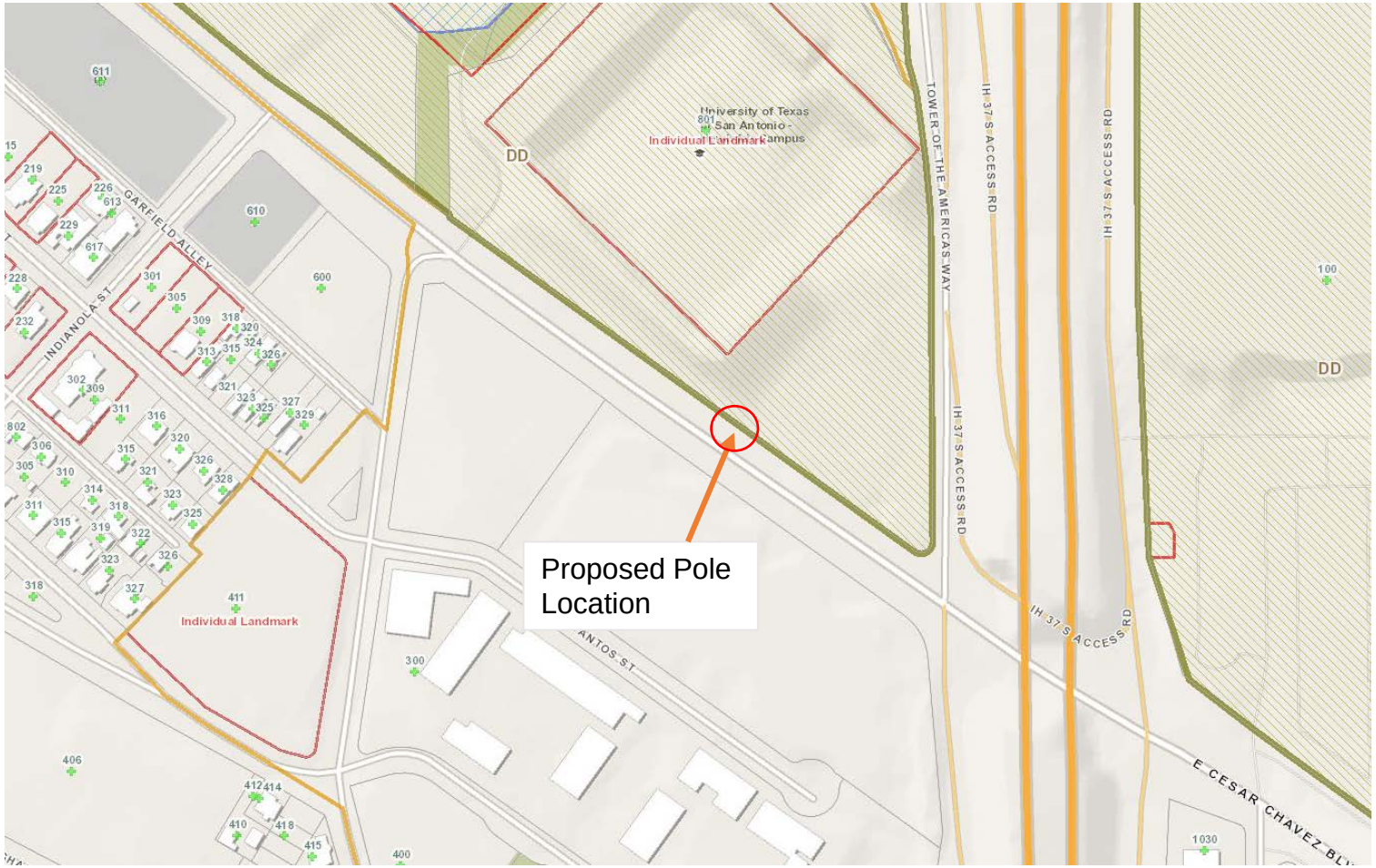
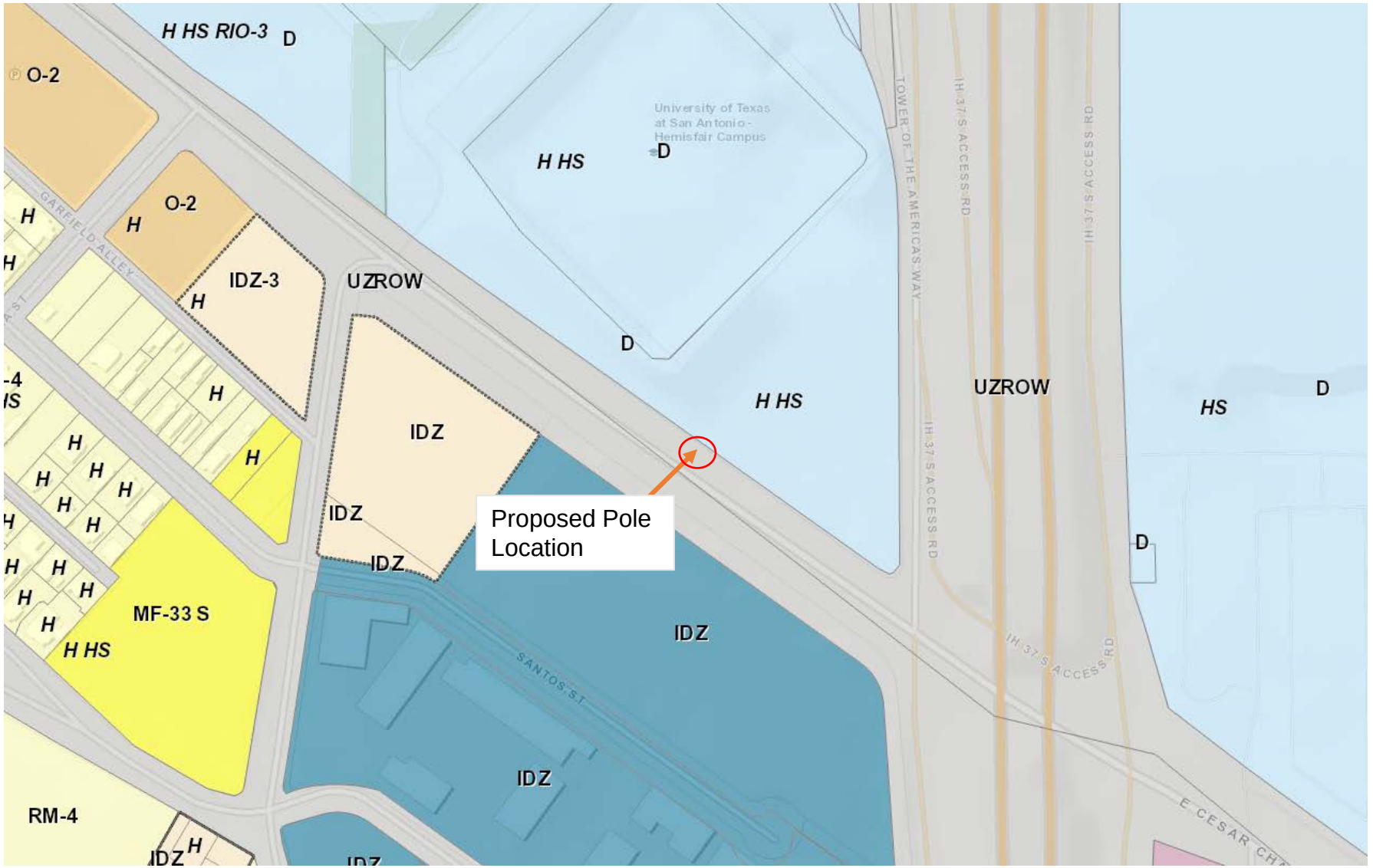
VERIZON SITE ID: TEXAN_CULTURES_S_SC
SMALL CELL PERMIT: 359623
ADDRESS: 909 E CESAR E CHAVEZ BLVD
COORDINATES: 29.415165, -98.48178
SMALL CELL DESIGN: CPS METAL STREETLIGHT REPLACEMNT
SPECIAL DISTRICT: HEMISFAIR



ZONING: D


H HS RIO-3
D
O-2
University of Texas at San Antonio - Hemisfair Campus
H HS
D
TOWER OF THE AMERICAS WAY
IH-37 S ACCESS RD
O-2
H
IDZ-3
UZROW
D
H HS
UZROW
HS
D
IDZ
Proposed Pole Location
IDZ
IDZ
D
MF-33 S
H HS
IDZ
SANTOS ST
IDZ
RM-4
E CESAR CH
IDZ

EXISTING PHOTOS
(N SIDE OF E CESAR CHAVEZ BLVD IN BETWEEN HWY 281 AND LABOR ST)

LOOKING W AT SUBJECT SITE

LOOKING N AT SUBJECT SITE

LOOKING E AT SUBJECT SITE

Photo Simulation

ALTERNATIVES ANALYSIS

- Existing TXDOT owner streetlights of traffic signals. TXDOT had previously not allowed carriers to utilize until a few weeks back
- Existing CPS metal streetlights along Cesar Chavez Blvd