

Rule 20A Utility Underground Program

Item 3.7 - April 9, 2024

Katherine Brown, Assistant Director of Public Works

J. Guevara, Deputy Director of Public Works

RULE 20 UTILITY UNDERGROUND PROGRAM AGENDA

April 9, 2024

What is Rule 20A Undergrounding?

1

Timeline

2

The Opportunity

3

Next Steps

4

Recommendation

5

What is Rule 20A Undergrounding?



Purpose and Benefits



Street trees can grow to full maturity.



Enhances pedestrian safety.

Purpose and Benefits

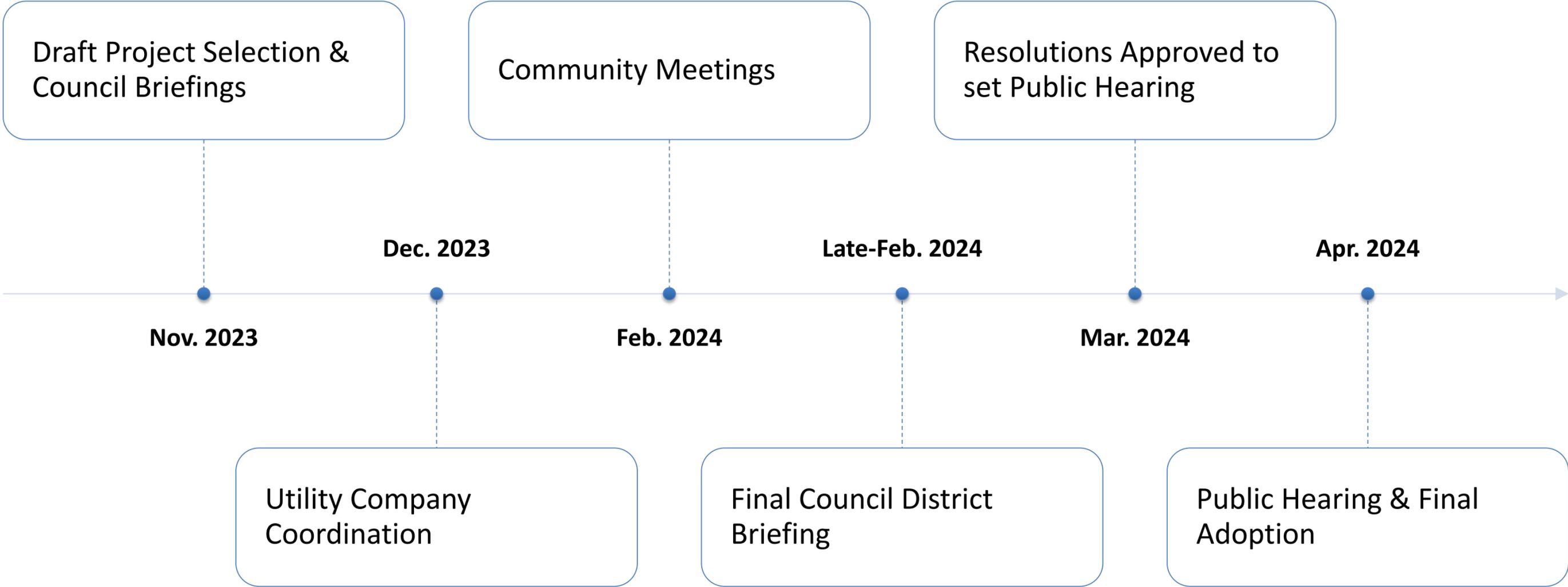


Reduces storm outage potential.



New underground systems are more reliable than old overhead systems.

Since September 2023...



Community Meetings



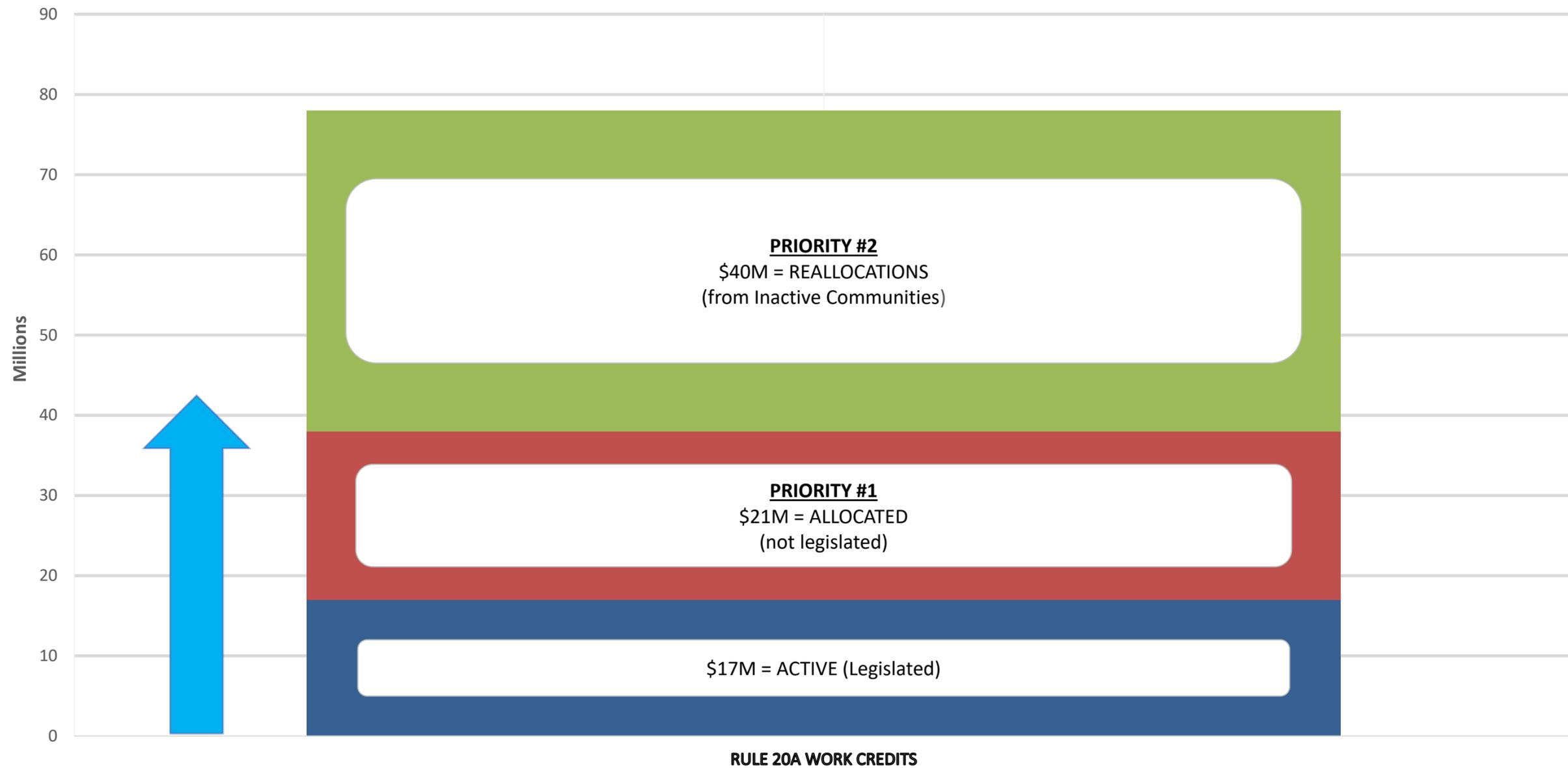
Conducted 10 Meetings on February 12-16, 2024

- Provided intentions of the program
- Explanation of type of projects and impact to communities
- Time for questions and concerns

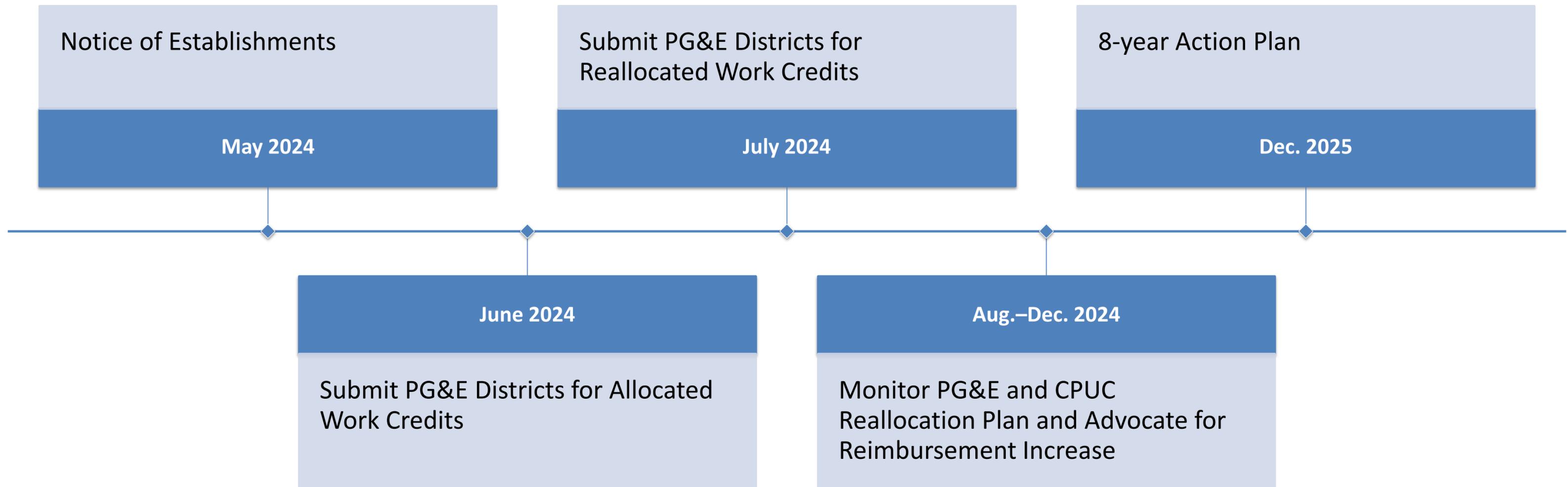
Feedback Included

- In Favor – Benefit of fire safety and new infrastructure
- Not supportive – Potential out-of-pocket costs too expensive

\$61 Million Opportunity



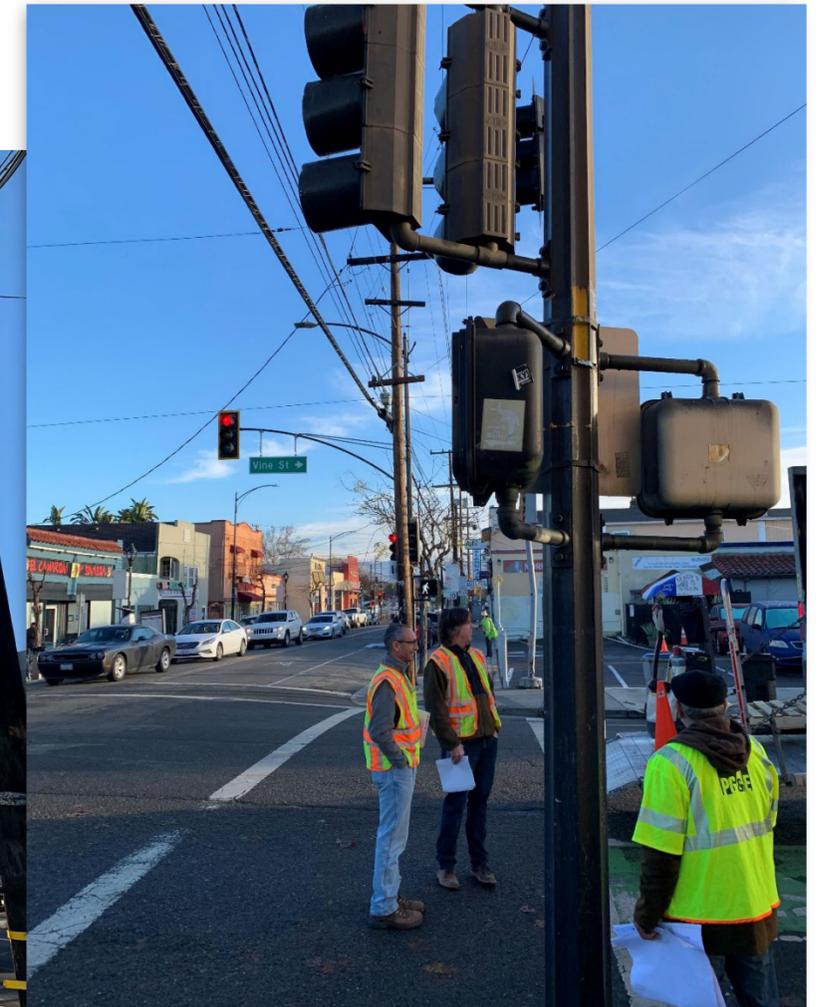
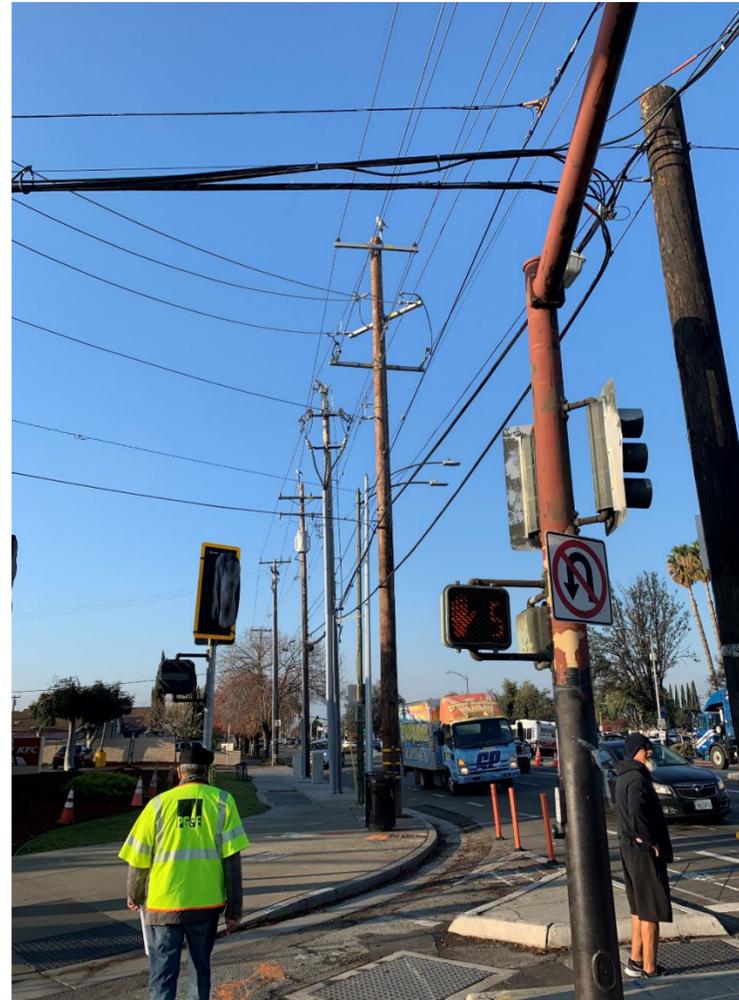
What are the next steps?

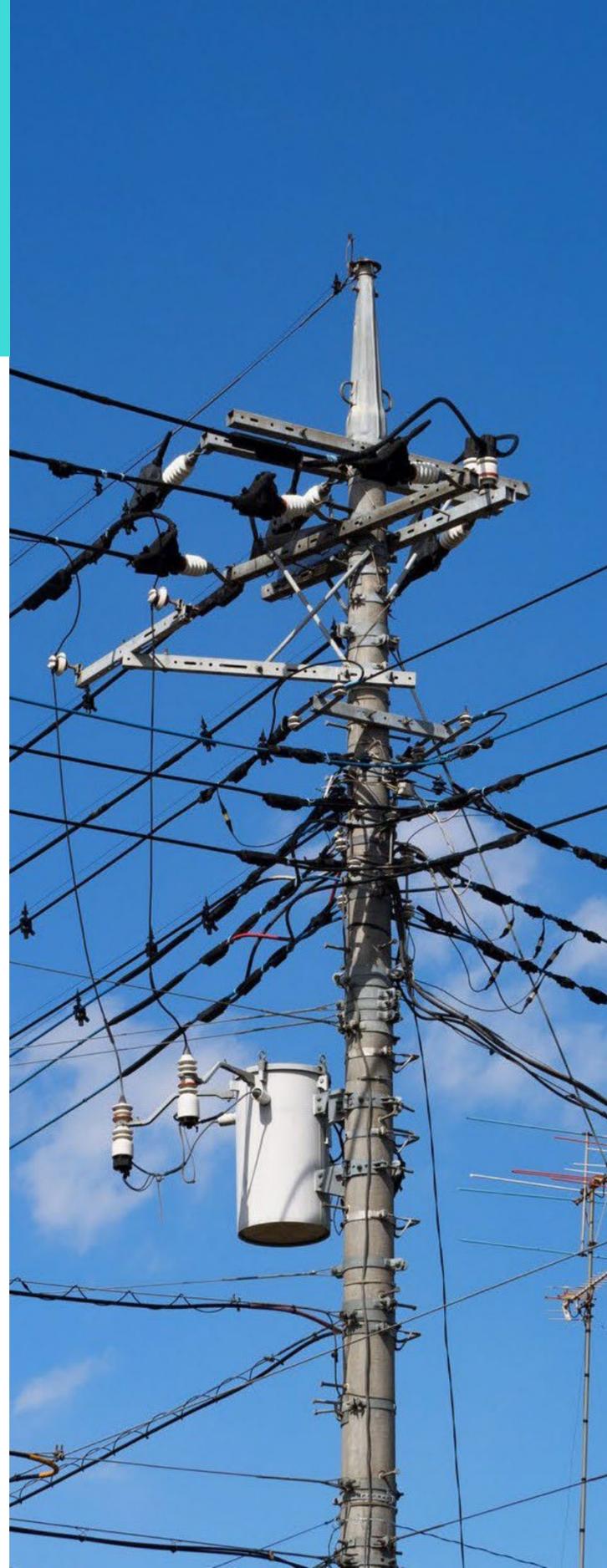


Recommendation

Approve ordinances to establish Rule 20A Underground Utility Districts.

- Utilizes existing \$21 million work credit balance
- Targets additional \$40 million in reallocated work credits





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APPENDIX A
Council District Maps & Priority
Groupings

Priority #1

Targeting \$21 Million in Work Credits

Number	Underground District	Estimate Construction Cost	Council District	Prioritized Criteria Score
1	Umbarger Road	\$3,098,000	7	7
2	Branham Lane	\$2,478,000	9	7
3	Almaden Road Almaden Expressway Coleman Road	\$4,337,000	10	7
4	Coyote Road (Shady Oaks Park)	\$4,492,000	2	7
5	Saratoga Avenue	\$1,549,000	1	6
6	White Road (Mount Pleasant High School)	\$4,259,000	5	6
7	San Felipe Road	\$14,714,000	8	6
	Total	\$ 34,927,000		

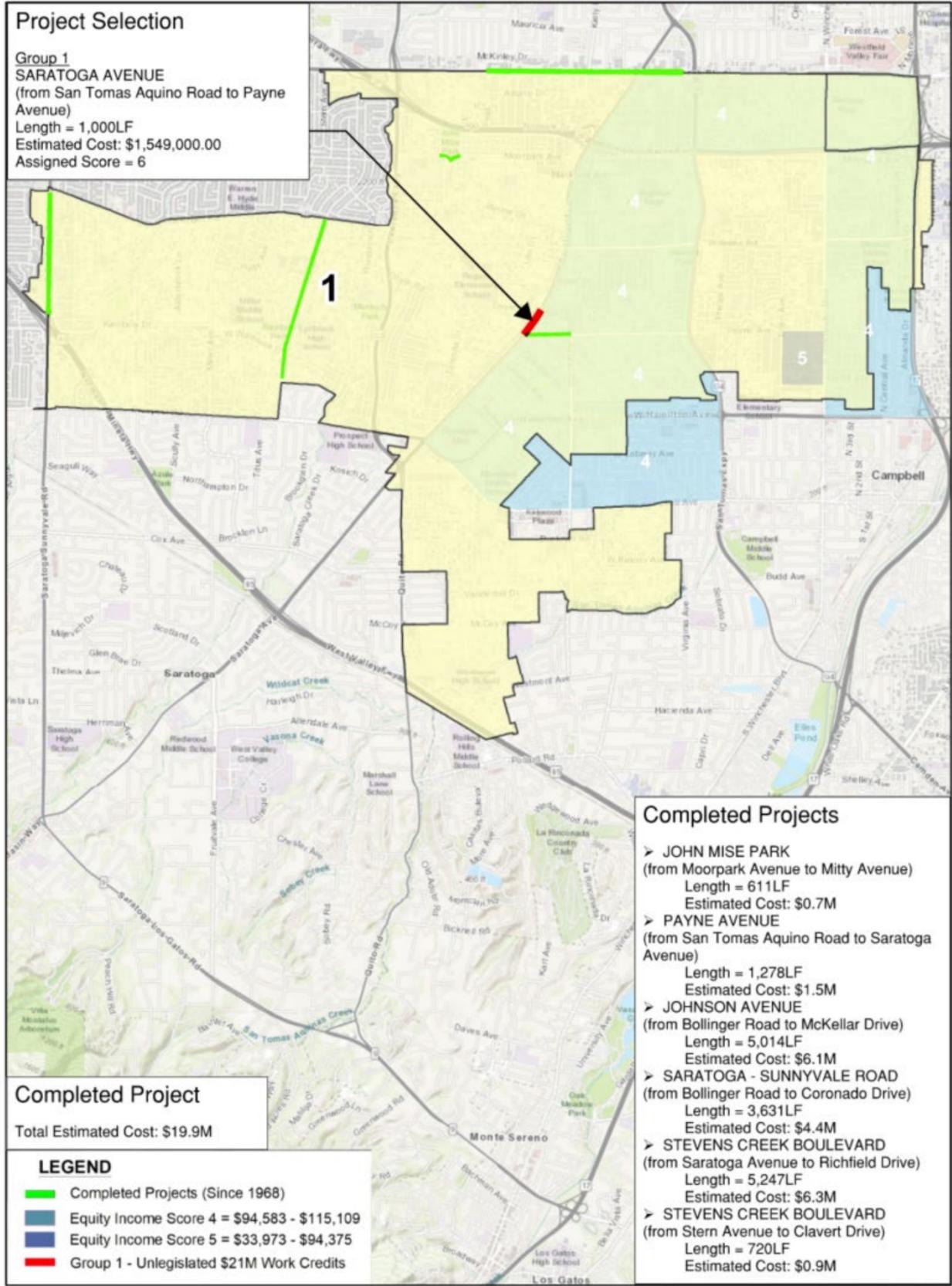
Priority #2

Targeting \$40+ Million in Reallocated Work Credits from Other Jurisdictions

Number	Underground District	Estimate Construction Cost	Council District	Income Equity Score (1-5)
1	Willow Street	\$3,252,000	3	5
2	E. San Salvador Street	\$3,872,000	3	5
3	Empire Street Hensley Street	\$6,970,000	3	5
4	Blossom Hill Road	\$4,182,000	2	5
5	Story Road Felipe Avenue	\$6,660,000	7	5
6	White Road	\$1,704,000	5	4
7	N. 1st Street N. Taylor Street	\$6,505,000	4	4
	Total	\$33,145,000		

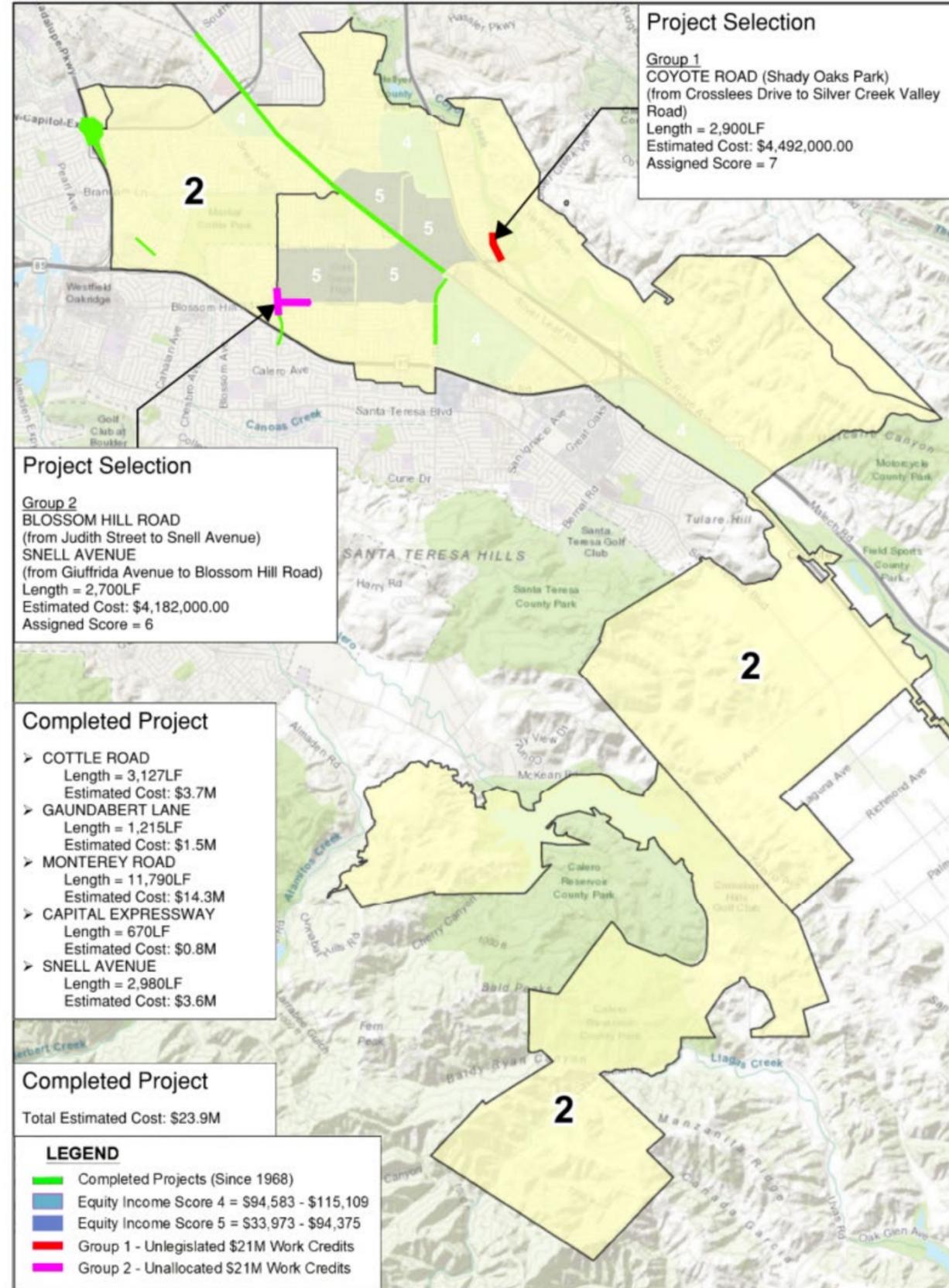
COUNCIL DISTRICT 1 UTILITY UNDERGROUND MAP

Council District 1



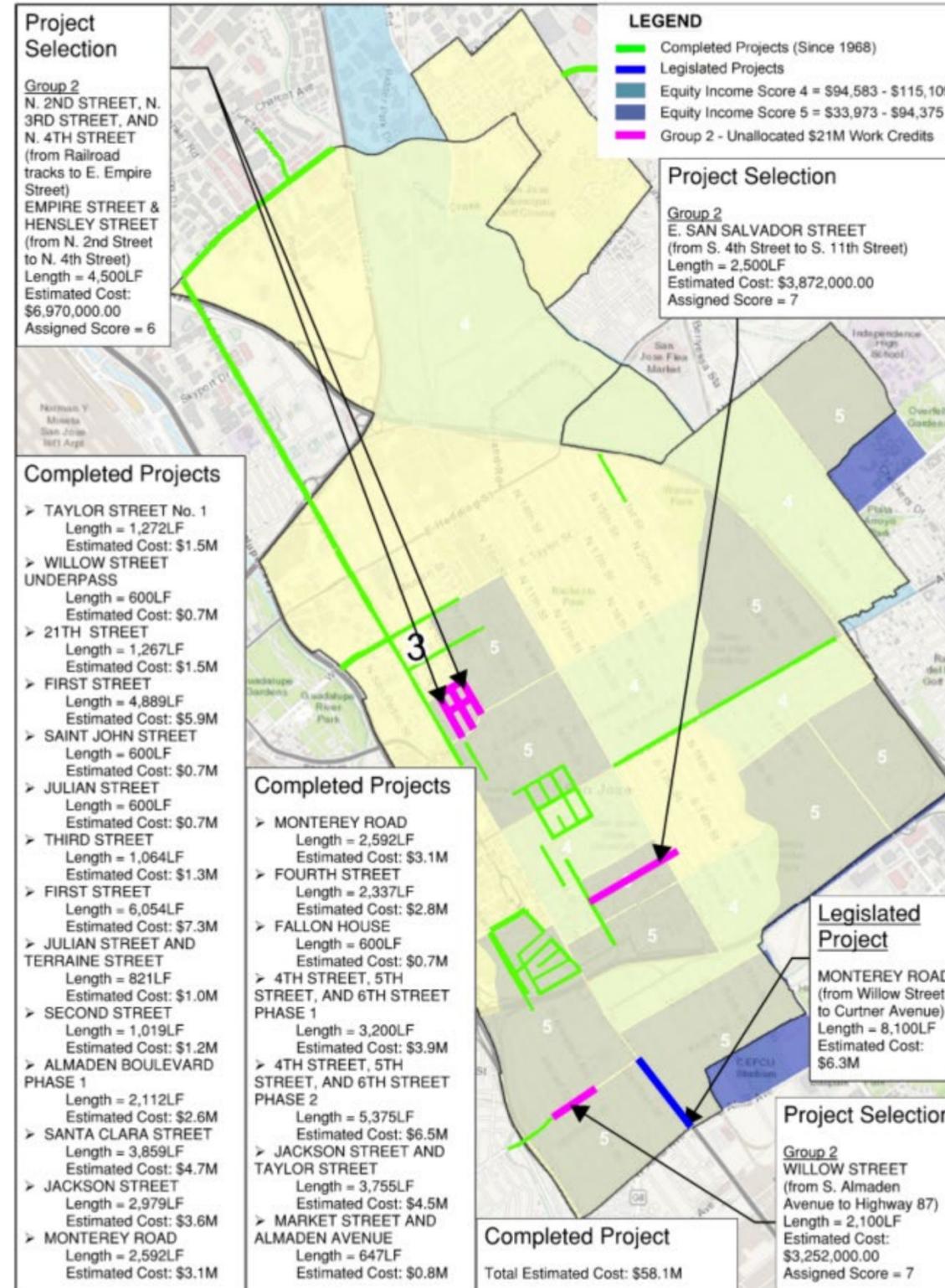
COUNCIL DISTRICT 2 UTILITY UNDERGROUND MAP

Council District 2



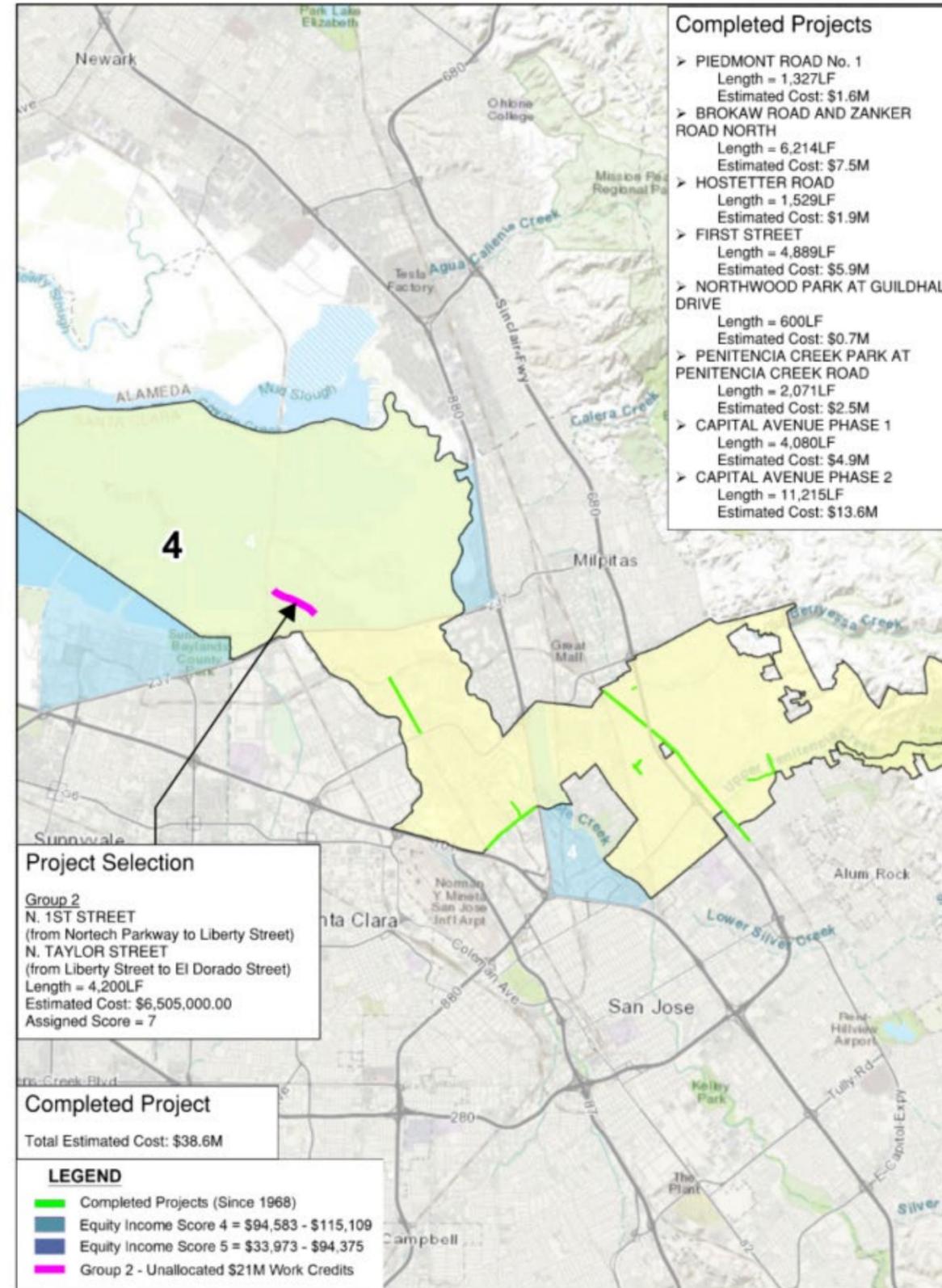
COUNCIL DISTRICT 3 UTILITY UNDERGROUND MAP

Council District 3



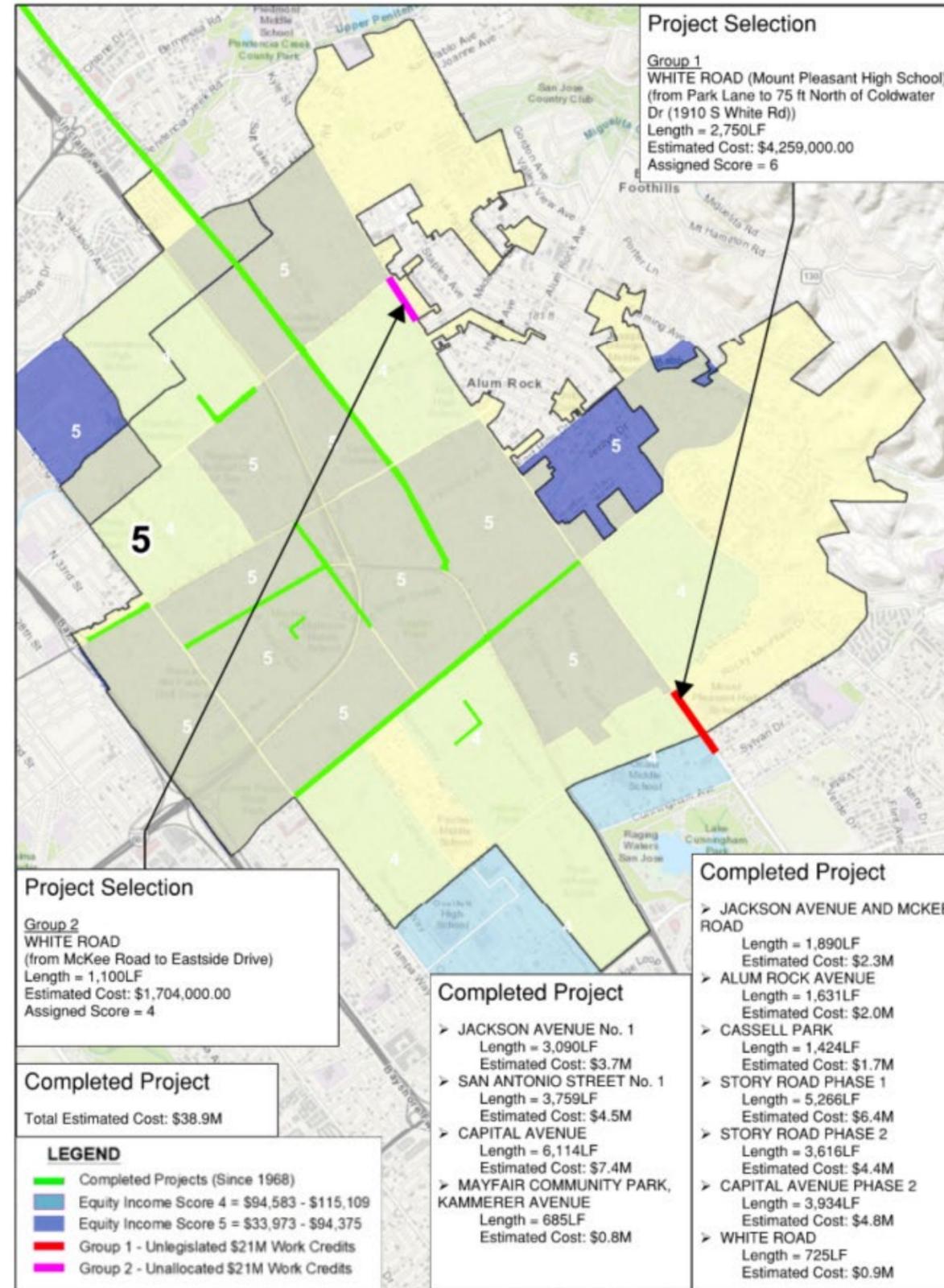
COUNCIL DISTRICT 4 UTILITY UNDERGROUND MAP

Council District 4



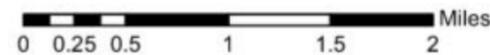
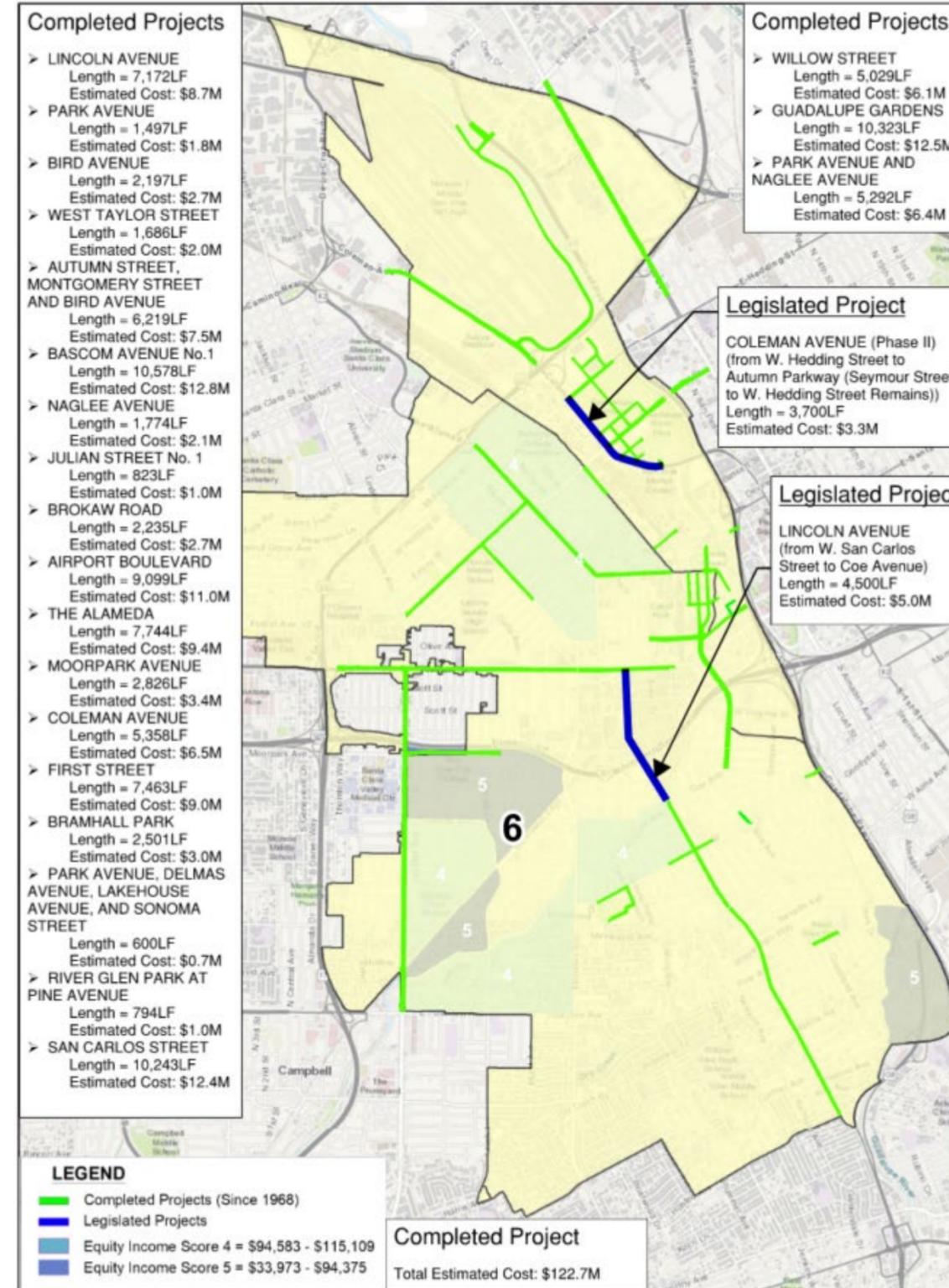
COUNCIL DISTRICT 5 UTILITY UNDERGROUND MAP

Council District 5



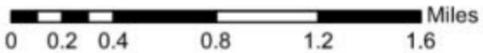
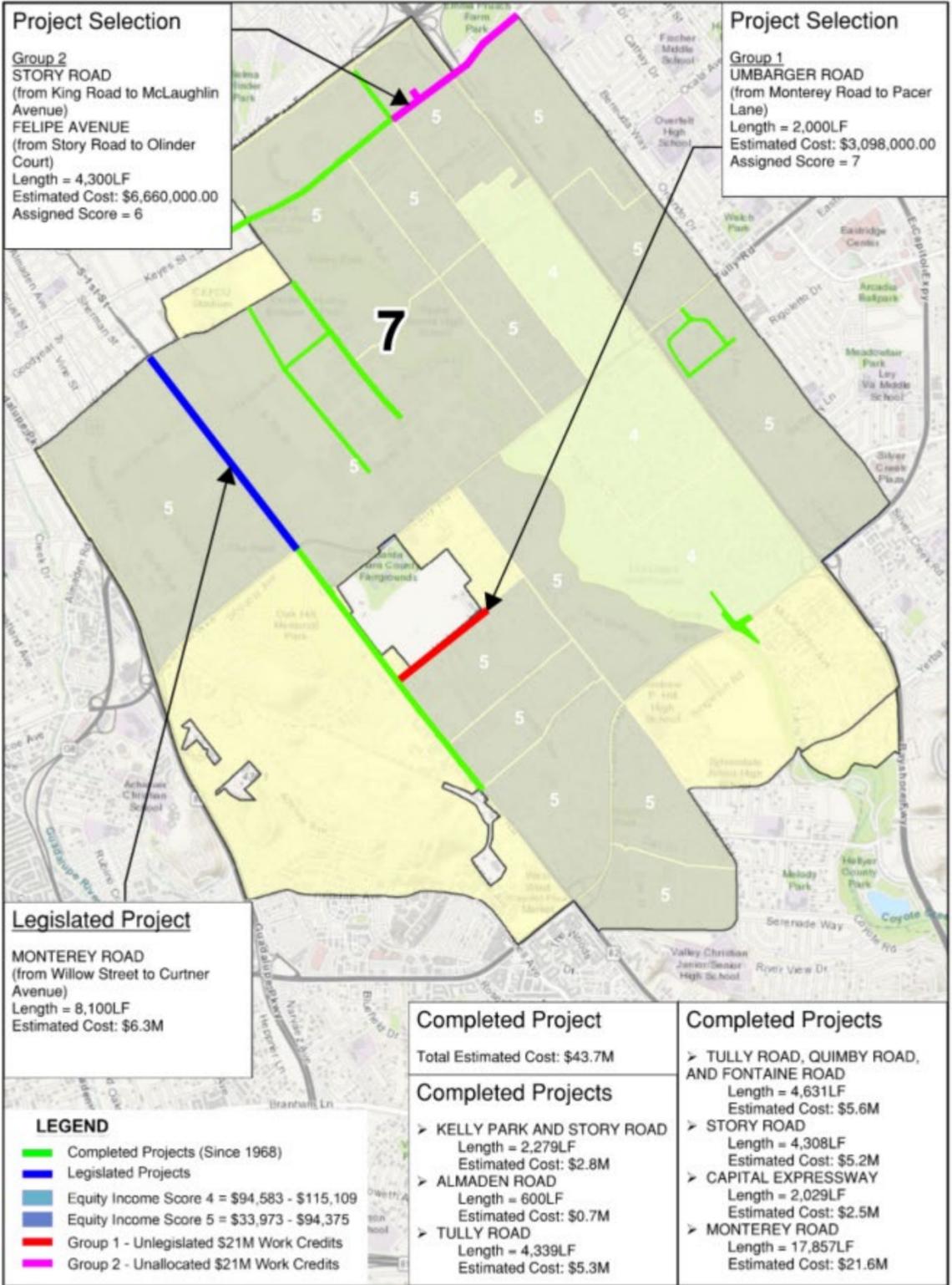
COUNCIL DISTRICT 6 UTILITY UNDERGROUND MAP

Council District 6



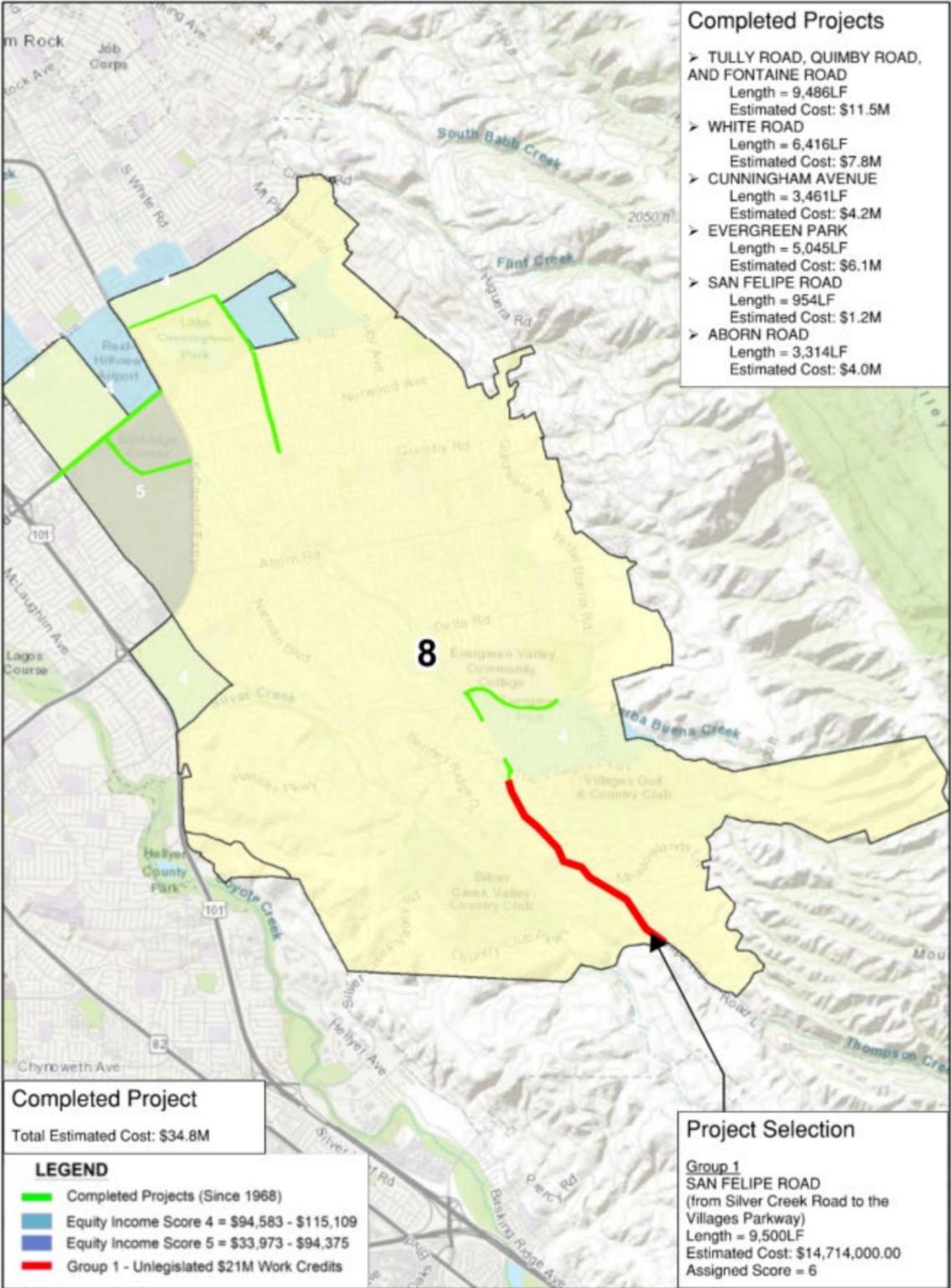
COUNCIL DISTRICT 7 UTILITY UNDERGROUND MAP

Council District 7



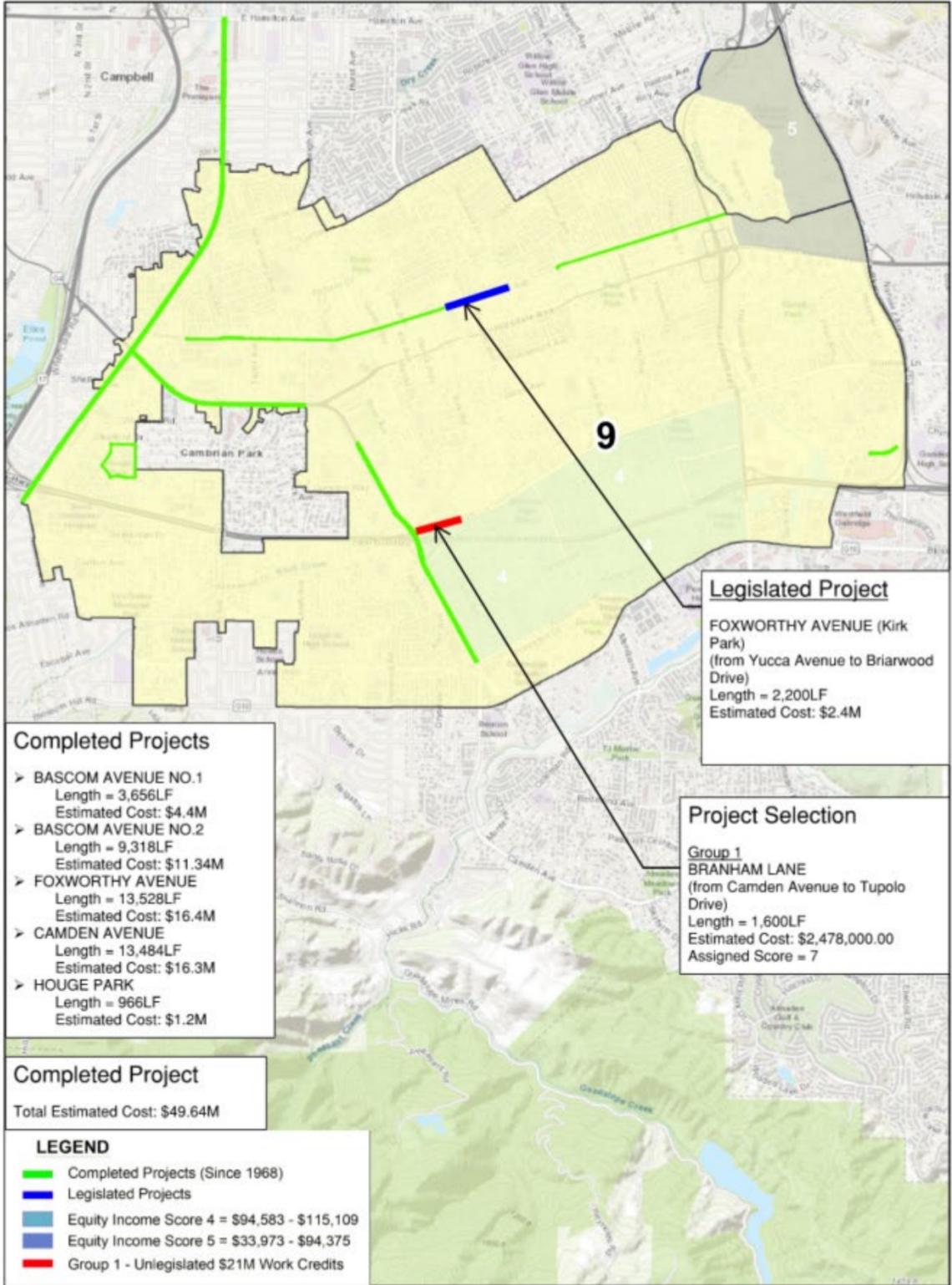
COUNCIL DISTRICT 8 UTILITY UNDERGROUND MAP

Council District 8



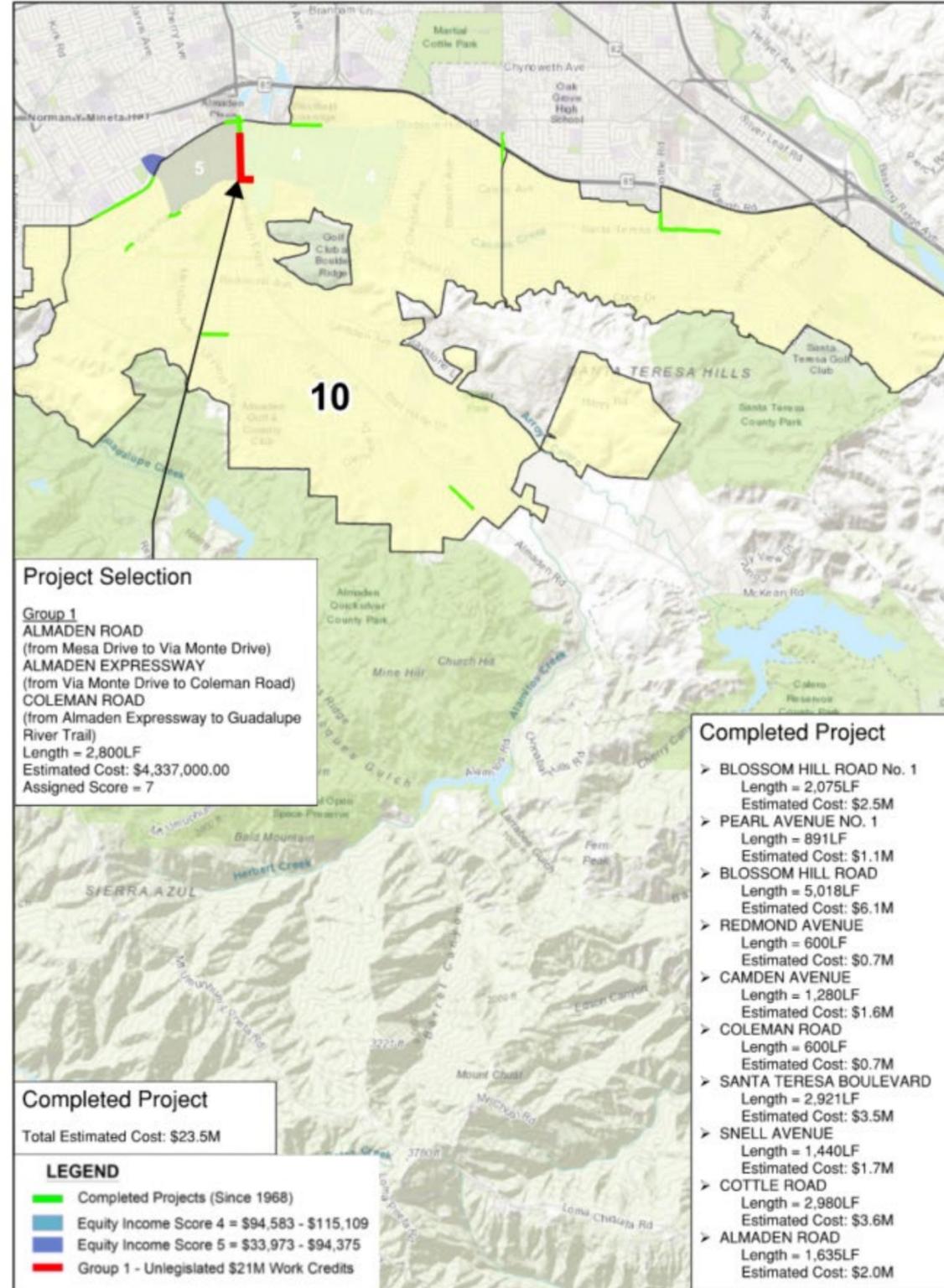
COUNCIL DISTRICT 9 UTILITY UNDERGROUND MAP

Council District 9



COUNCIL DISTRICT 10 UTILITY UNDERGROUND MAP

Council District 10



APPENDIX B

Community Meeting Data

Community Meeting Data

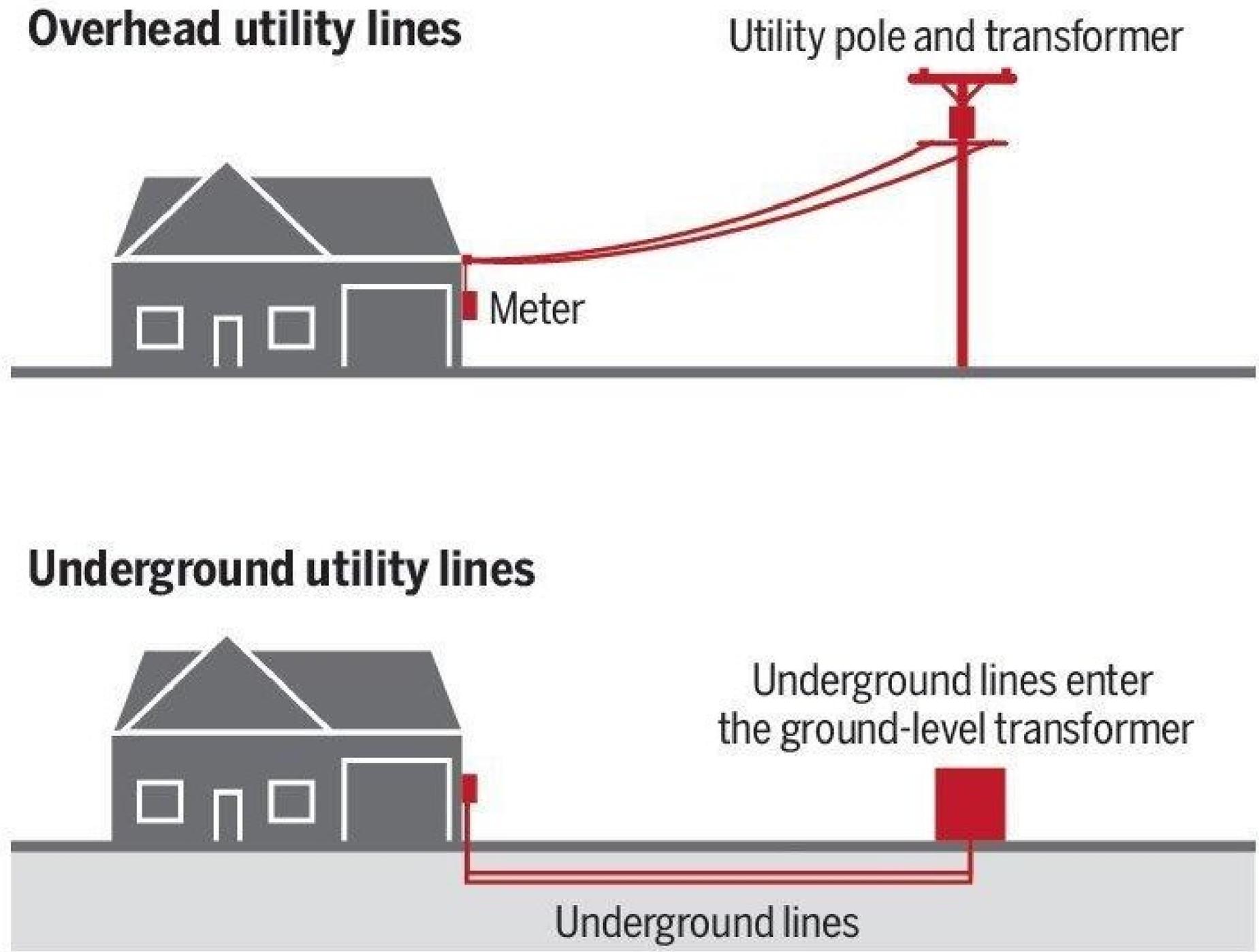
Proposed Underground Utility District	CD	Meeting Date	Percent Attended	In Favor	Percent of Length	Percent of Notices	Not Supportive	Percent of Length	Percent of Notices
BRANHAM LANE	9	2/12/2024	0%	0	0	0%	0	0	0%
ALMADEN ROAD ALMADEN EXPRESSWAY COLEMAN ROAD	10	2/12/2024	5%	1	2%	5%	0	0	0%
WHITE ROAD (Mount Pleasant High School)	5	2/13/2024	3%	0	0	0%	1	3%	3%
WHITE ROAD	5	2/13/2024	0%	0	0	0%	0	0	0%
STORY ROAD FELIPE AVENUE	7	2/13/2024	5%	2	1%	5%	0	0	0%
UMBARGER ROAD	7	2/13/2024	4%	1	9%	4%	0	0	0%
COYOTE ROAD	2	2/14/2024	12%	3	2%	12%	0	0	0%
BLOSSOM HILL ROAD SNELL AVENUE	2	2/14/2024	0%	0	0	0%	0	0	0%
WILLOW STREET	3	2/15/2024	2%	1	7%	2%	0	0	0%
E. SAN SALVADOR STREET	3	2/15/2024	4%	0	0	0%	1	3%	4%
EMPIRE STREET HENSLEY STREET	3	2/15/2024	2%	2	2%	2%	0	0	0%
SARATOGA AVENUE	1	2/16/2024	0%	0	0	0%	0	0	0%
N. 1ST STREET N. TAYLOR STREET	4	2/16/2024	11%	0	0	0%	4	12%	11%
SAN FELIPE ROAD	8	2/16/2024	0%	0	0	0%	0	0	0%

APPENDIX C

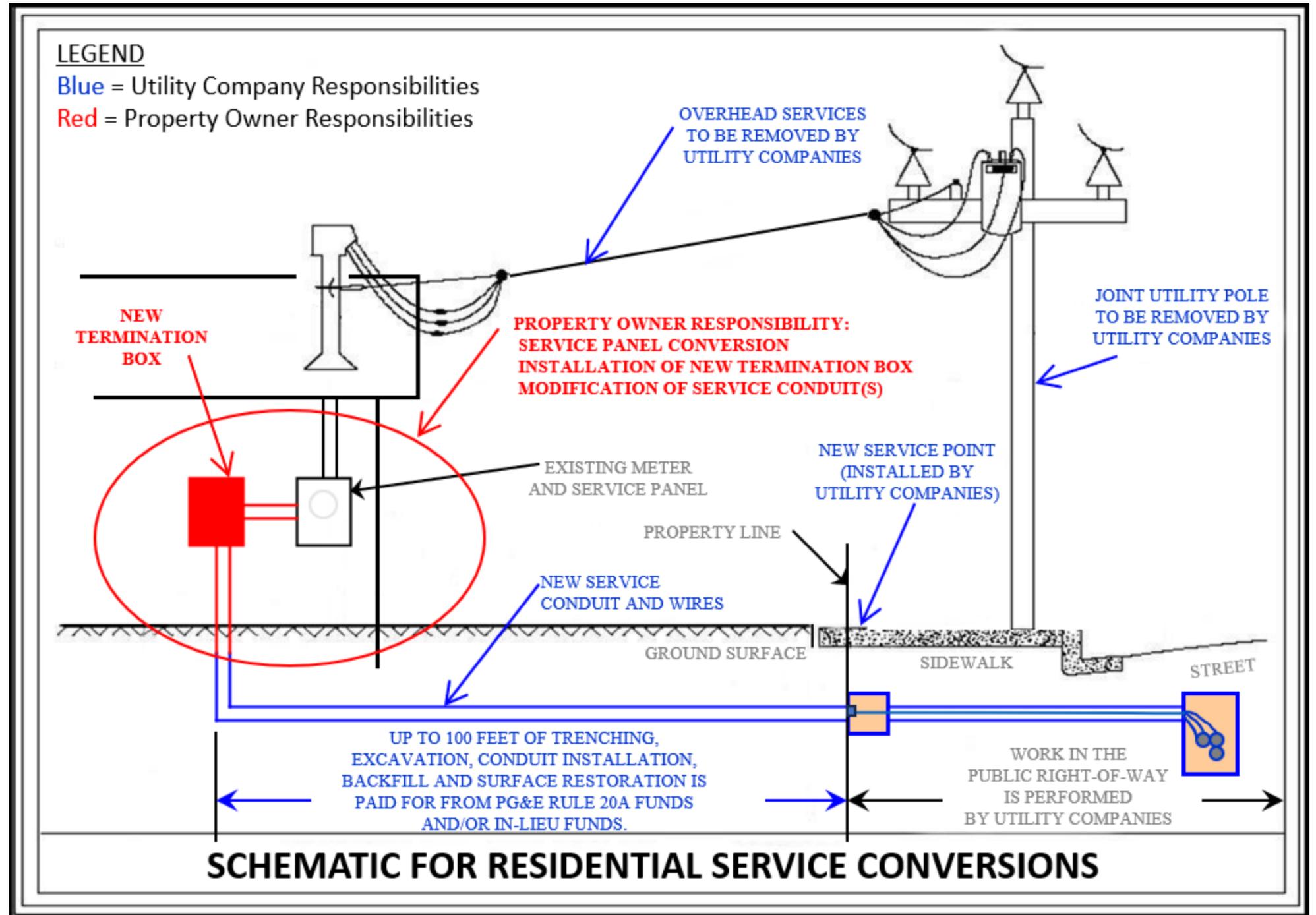
Panel Conversion Schematics

Private Property Conversions

- Staff recommends to explore other options to assist property owners with costs associated with conversions.
 - Cost for conversions may be funded through work credits.
 - Pending PG&E approval & approved agreement with CSJ



Schematic for residential service conversions



APPENDIX D

Location Maps

Willow Street



CITY OF SAN JOSE WILLOW STREET UNDERGROUND UTILITY DISTRICT

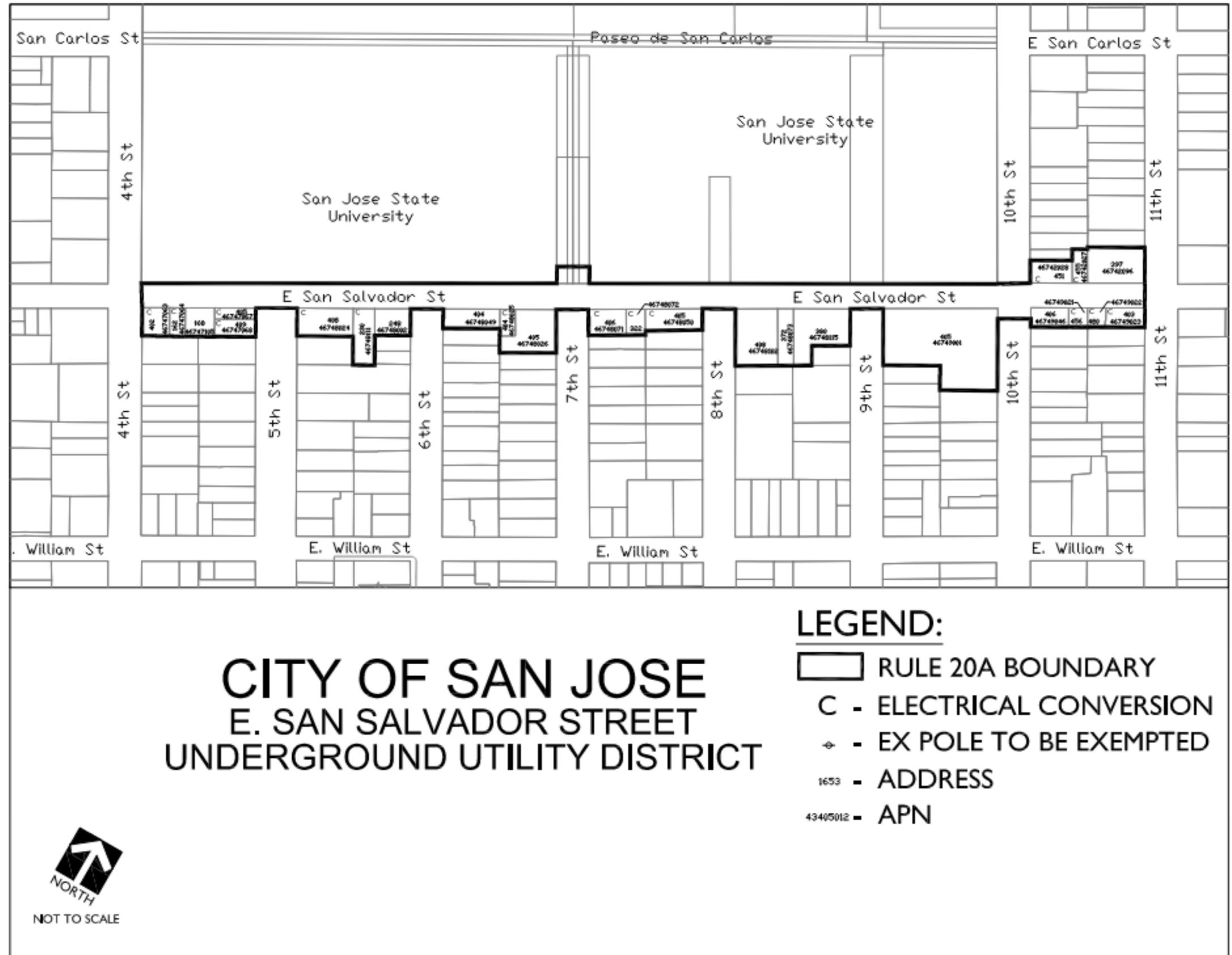
LEGEND:

-  RULE 20A BOUNDARY
- C** - ELECTRICAL CONVERSION
- 1653 - ADDRESS
- 43405012 - APN

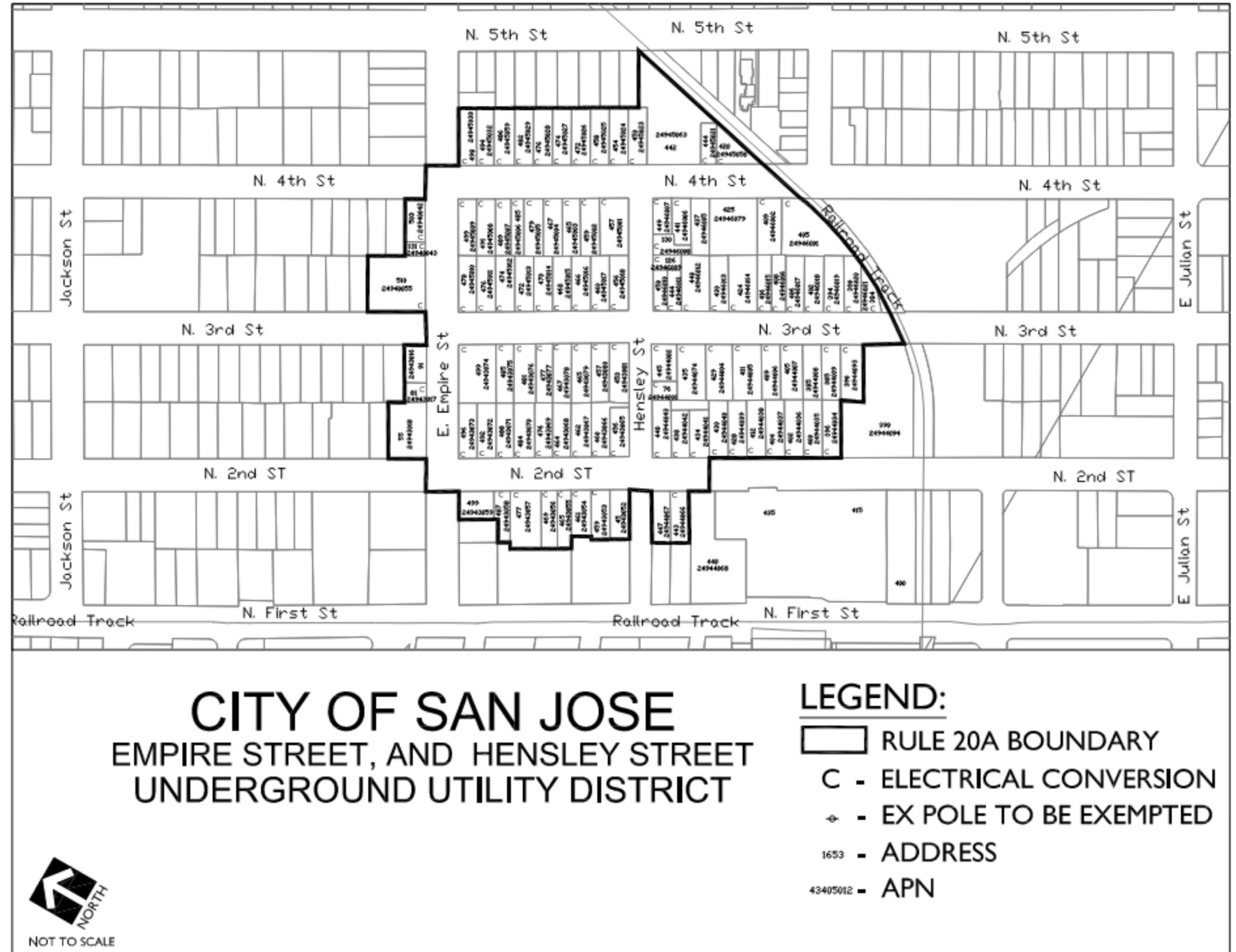


NORTH
NOT TO SCALE

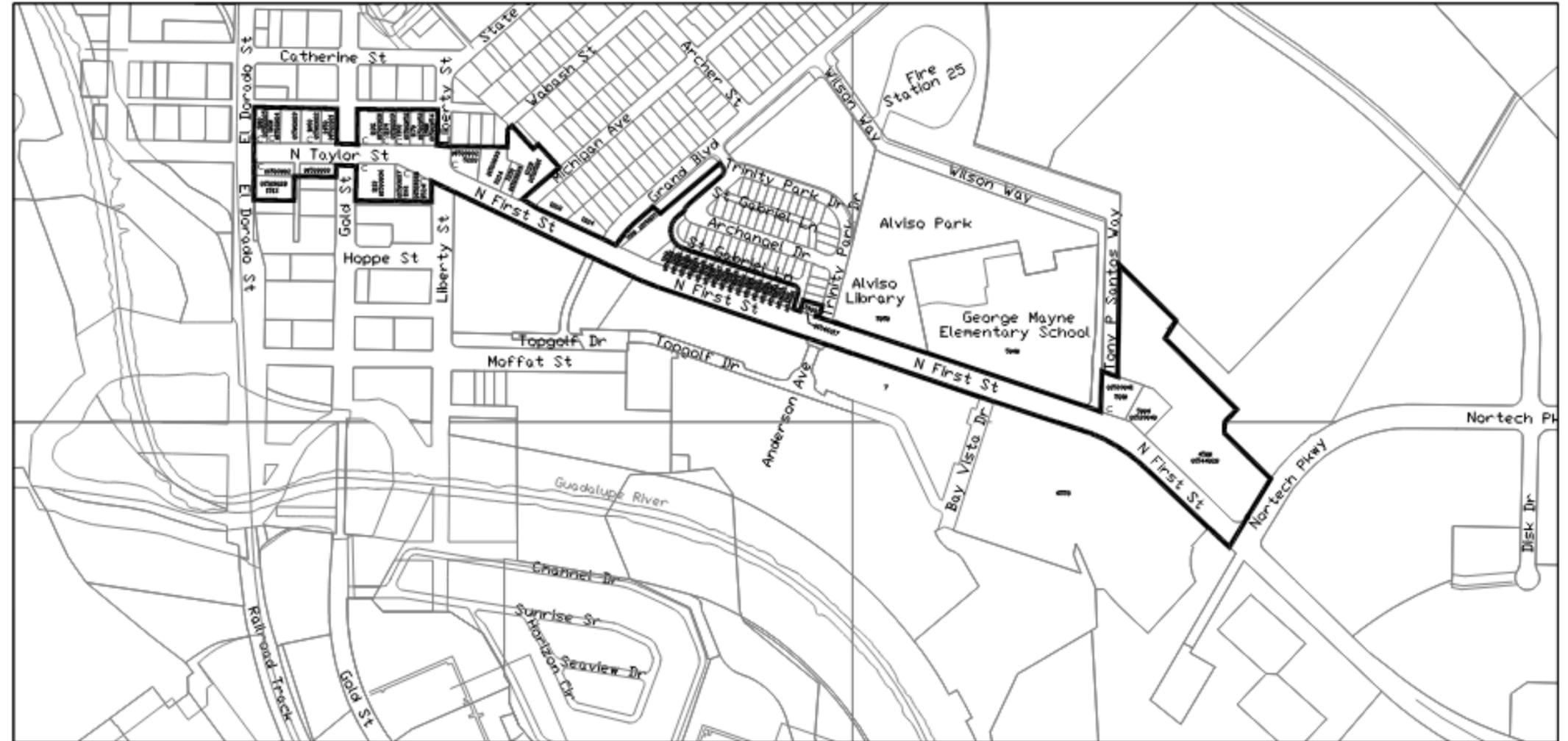
E. San Salvador Street



Empire / Hensley Streets



N. First / N. Taylor Streets



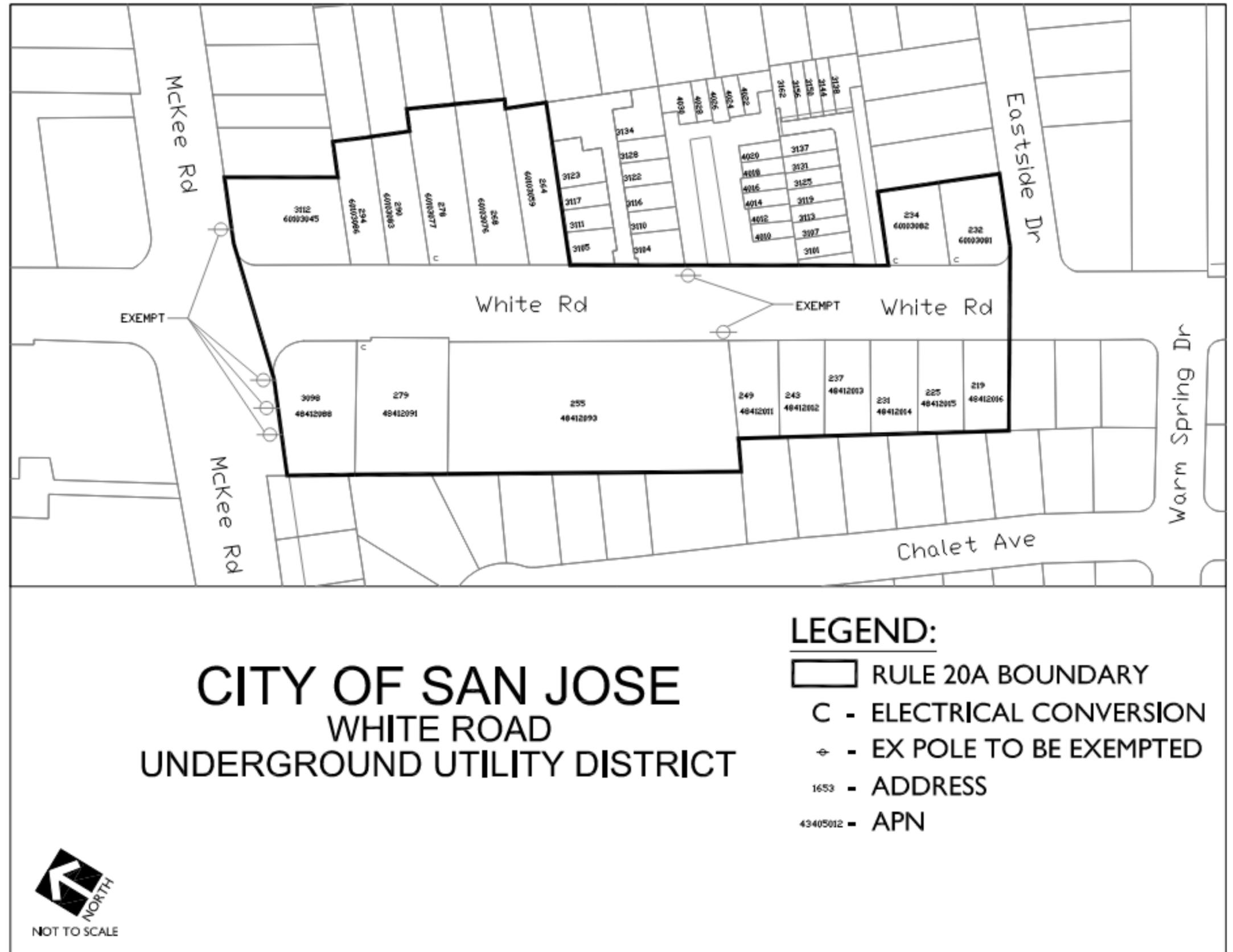
CITY OF SAN JOSE N. FIRST STREET AND N. TAYLOR STREET UNDERGROUND UTILITY DISTRICT

LEGEND:

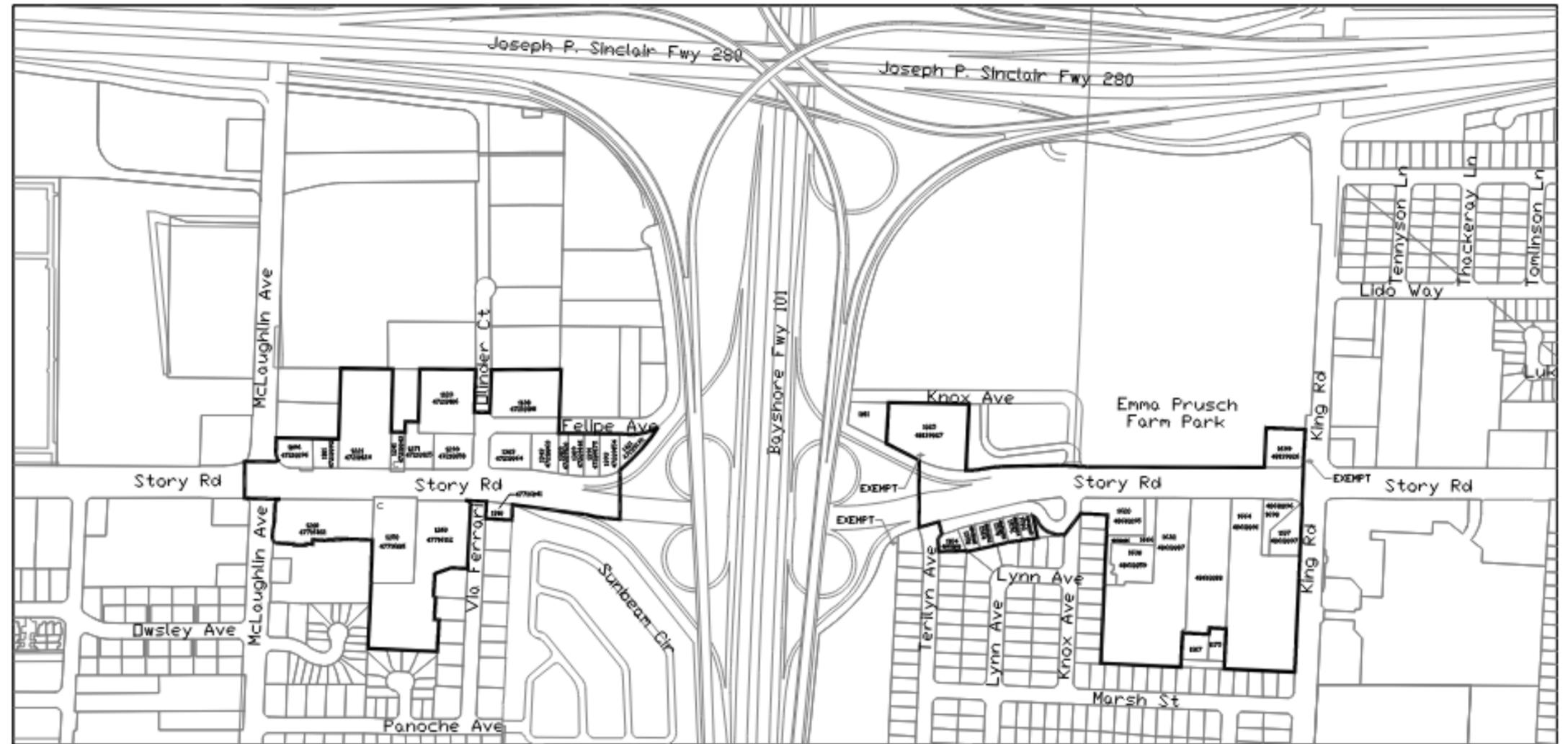
-  RULE 20A BOUNDARY
- C - ELECTRICAL CONVERSION
-  EX POLE TO BE EXEMPTED
- 1653 - ADDRESS
- 43405012 - APN



White Road



Story Road



CITY OF SAN JOSE STORY ROAD AND FELIPE AVENUE UNDERGROUND UTILITY DISTRICT

LEGEND:

-  RULE 20A BOUNDARY
-  C - ELECTRICAL CONVERSION
-  - EX POLE TO BE EXEMPTED
-  1653 - ADDRESS
-  43405012 - APN



NOT TO SCALE

Coyote Road



CITY OF SAN JOSE COYOTE ROAD UNDERGROUND UTILITY DISTRICT

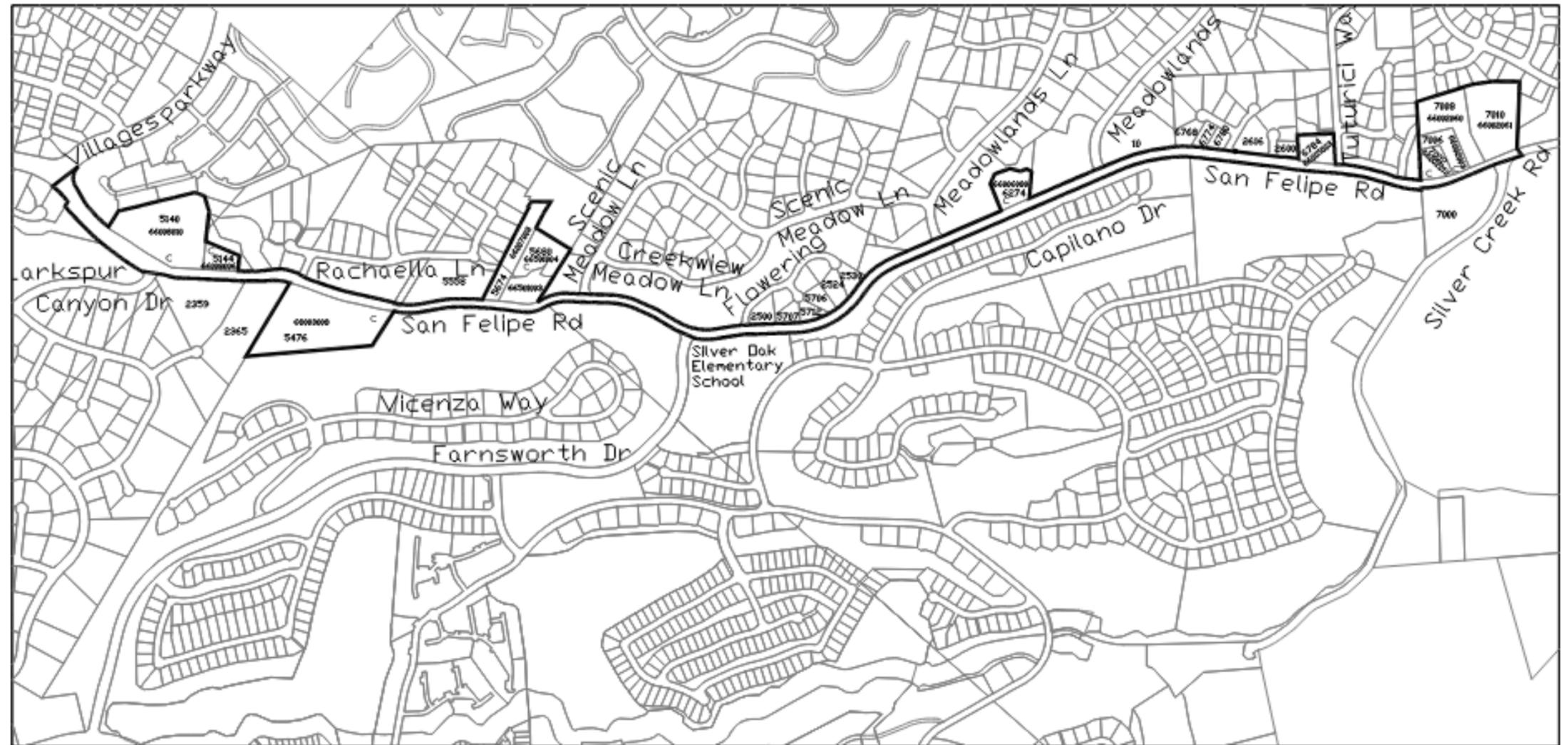
LEGEND:

-  RULE 20A BOUNDARY
- C - ELECTRICAL CONVERSION
-  EX POLE TO BE EXEMPTED
- 1653 - ADDRESS
- 43405012 - APN



NOT TO SCALE

San Felipe Road



CITY OF SAN JOSE SAN FELIPE ROAD UNDERGROUND UTILITY DISTRICT

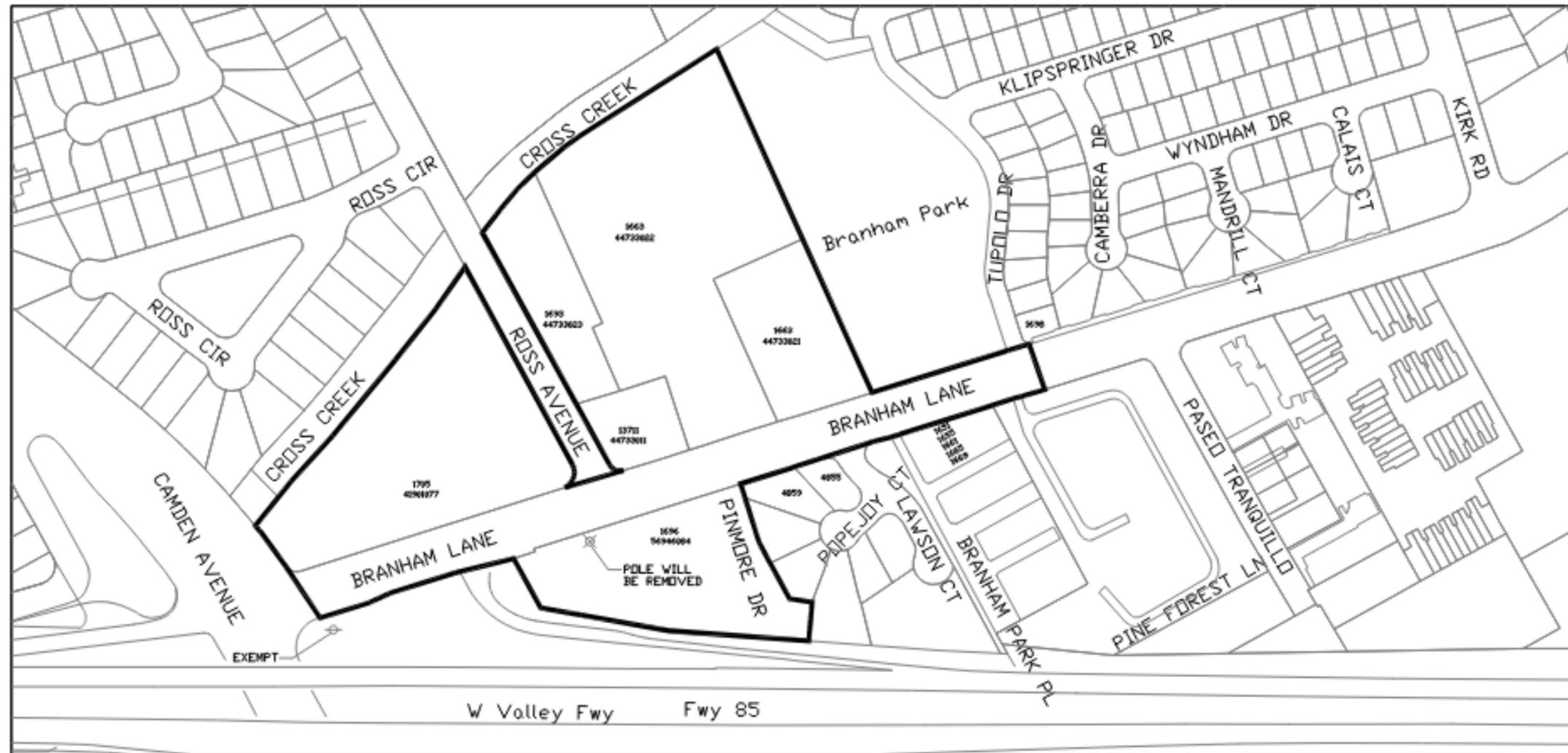
LEGEND:

-  RULE 20A BOUNDARY
- C - ELECTRICAL CONVERSION
-  EX POLE TO BE EXEMPTED
- 1653 - ADDRESS
- 43405012 - APN



NOT TO SCALE

Branham Lane



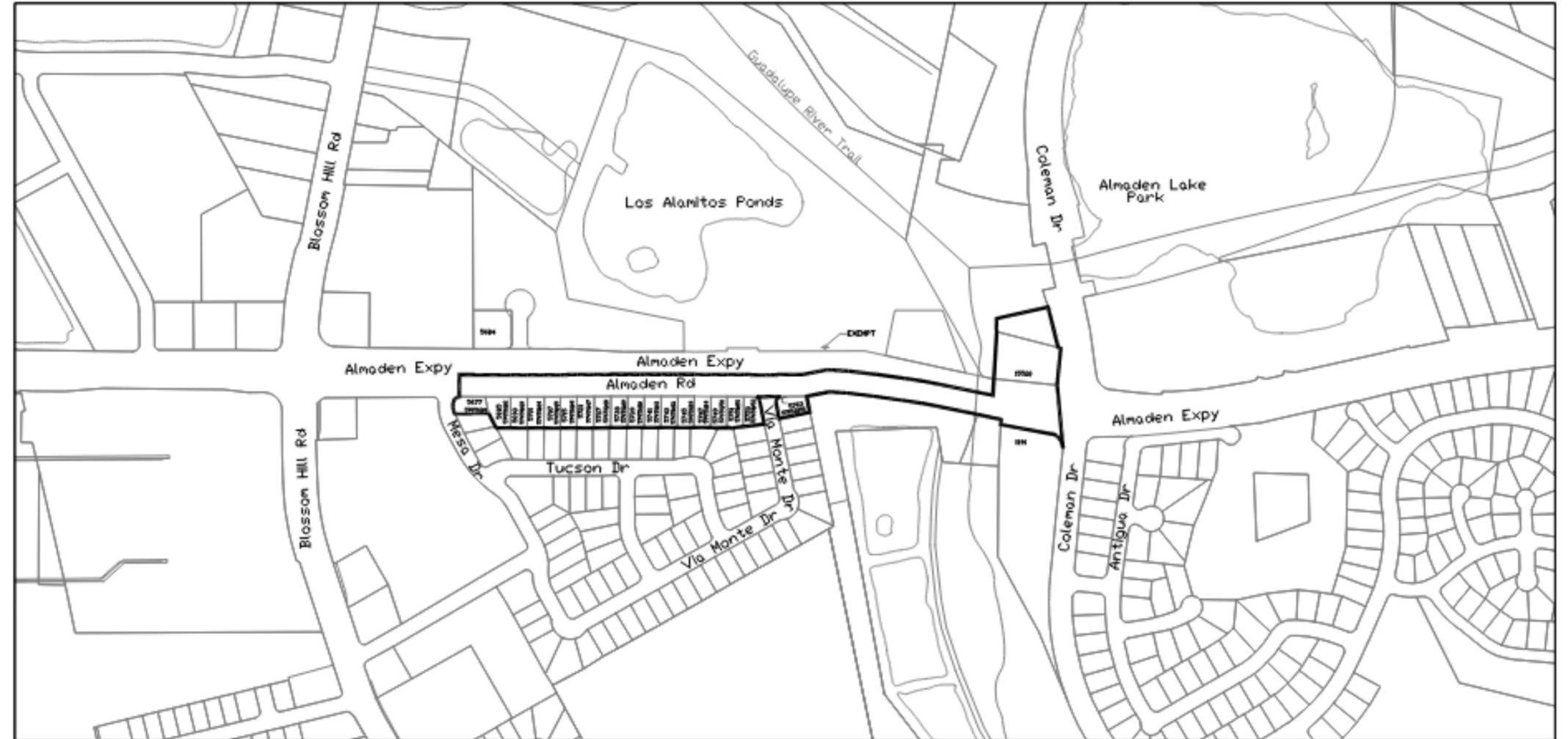
CITY OF SAN JOSE BRANHAM LANE UNDERGROUND UTILITY DISTRICT

LEGEND:

-  RULE 20A BOUNDARY
- C - ELECTRICAL CONVERSION
- EX - EX POLE TO BE EXEMPTED
- X - EX POLE TO BE REMOVED
- 1653 - ADDRESS
- 43405012 - APN



Almaden Road



CITY OF SAN JOSE ALMADEN ROAD, ALMADEN EXPRESSWAY, AND COLEMAN ROAD UNDERGROUND UTILITY DISTRICT

LEGEND:

-  RULE 20A BOUNDARY
- C - ELECTRICAL CONVERSION
- EX - EX POLE TO BE EXEMPTED
- 1653 - ADDRESS
- 43405012 - APN



NOT TO SCALE

Blossom Hill Road



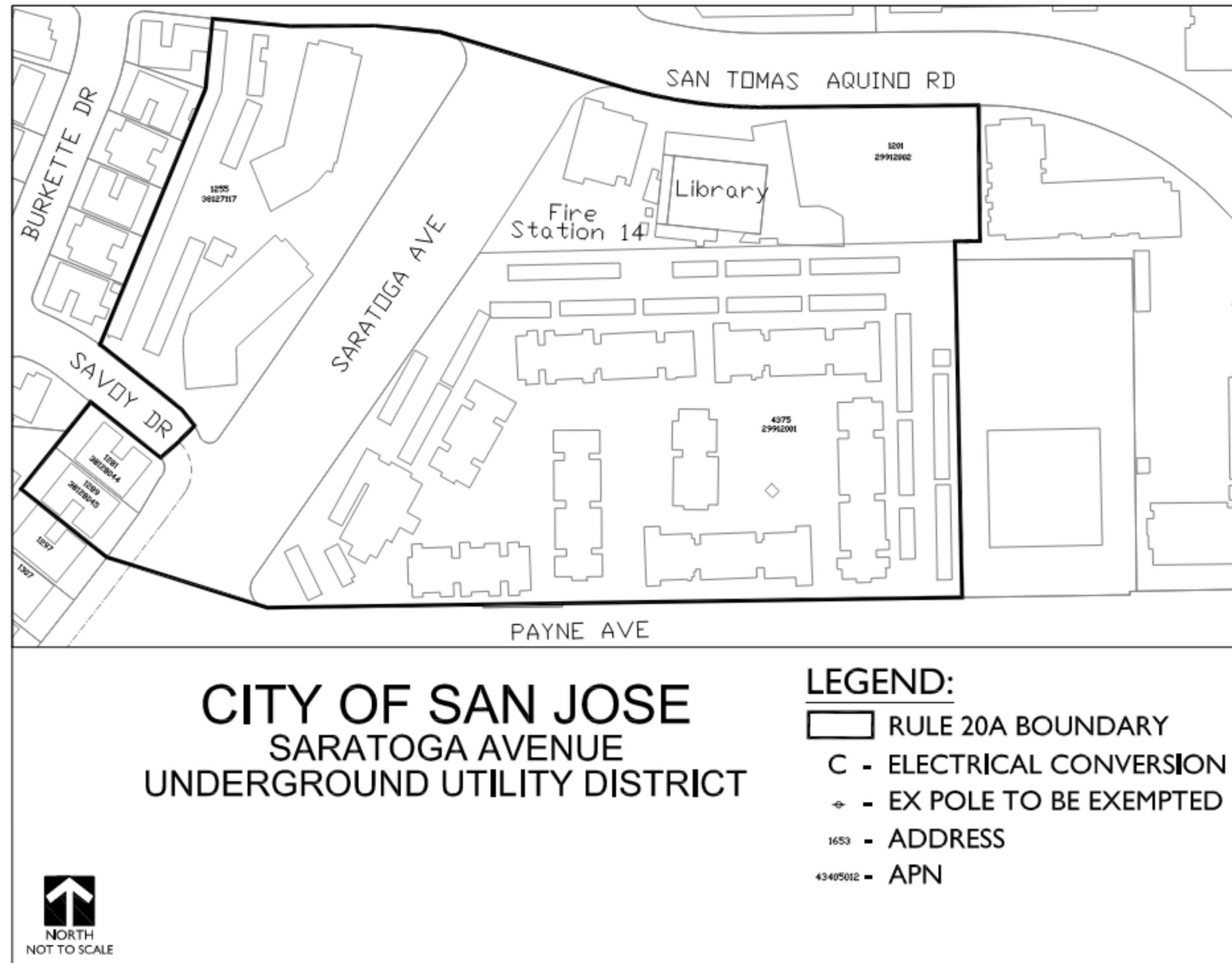
CITY OF SAN JOSE BLOSSOM HILL ROAD AND SNELL AVENUE UNDERGROUND UTILITY DISTRICT

LEGEND:

-  RULE 20A BOUNDARY
- C** - ELECTRICAL CONVERSION
- 1653 - ADDRESS
- 43405012 - APN



Saratoga Avenue



Umbarger Road

