

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

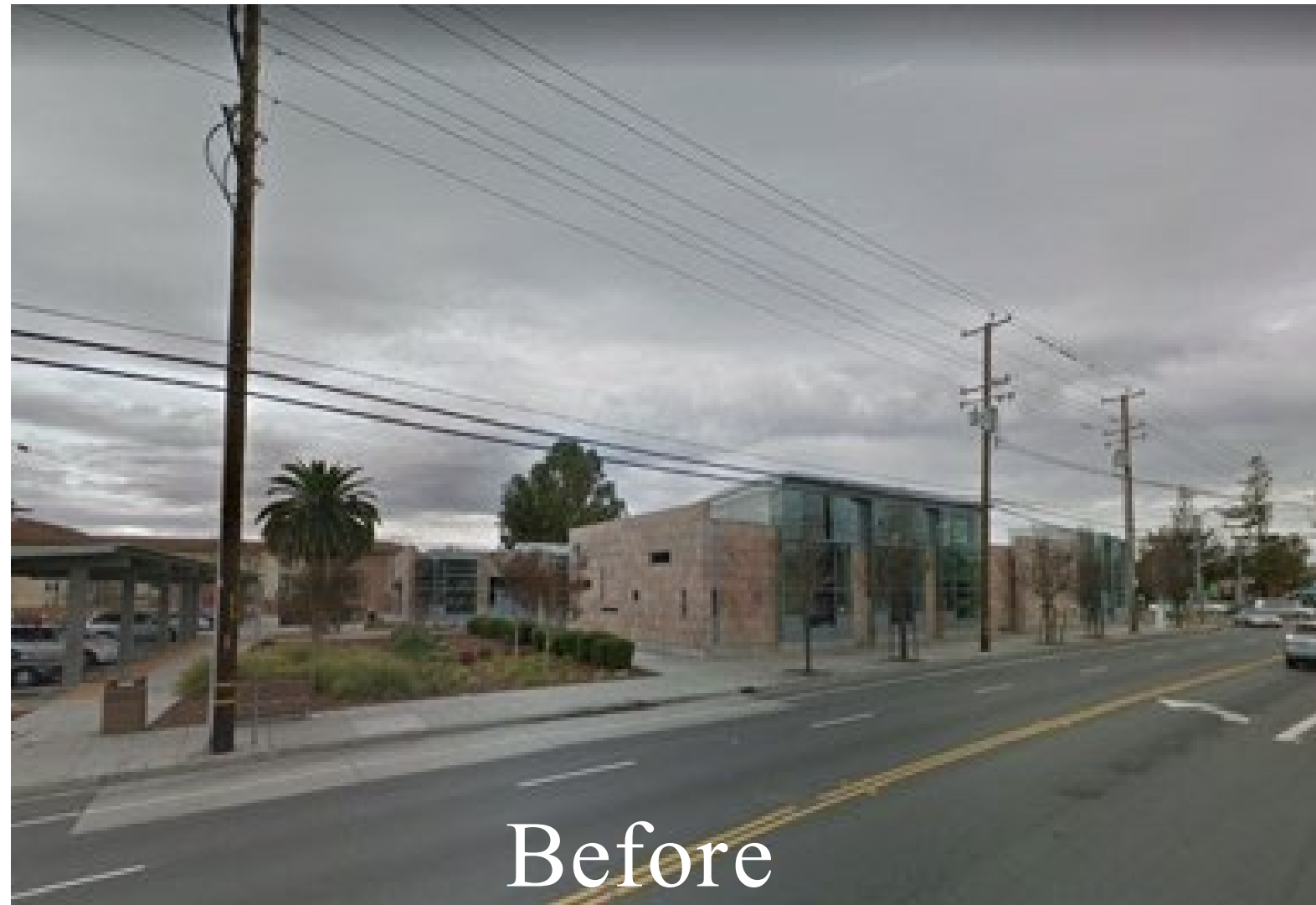
Next Steps

4

Recommendation

5

What is Rule 20A Undergrounding?



Purpose and Benefits



Street trees can grow to full maturity.



Enhances pedestrian safety.

Purpose and Benefits

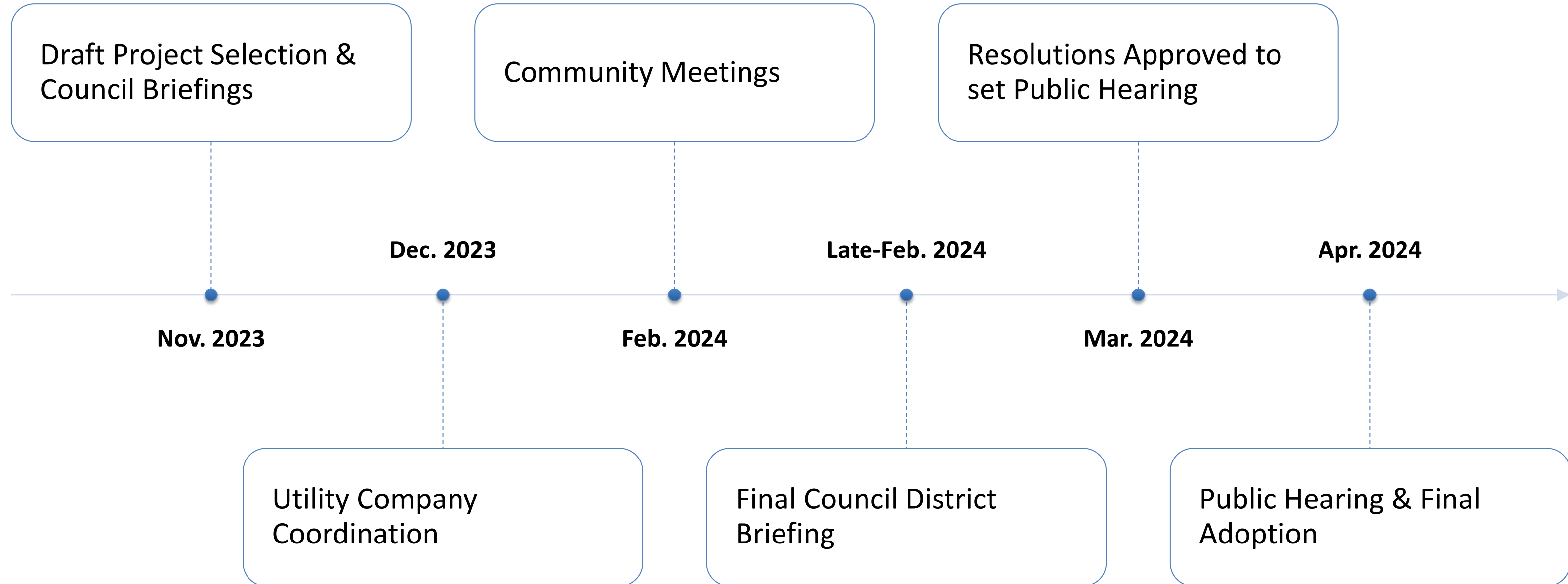


Reduces storm outage potential.



New underground systems are more reliable than old overhead systems.

Since September 2023...



Community Meetings



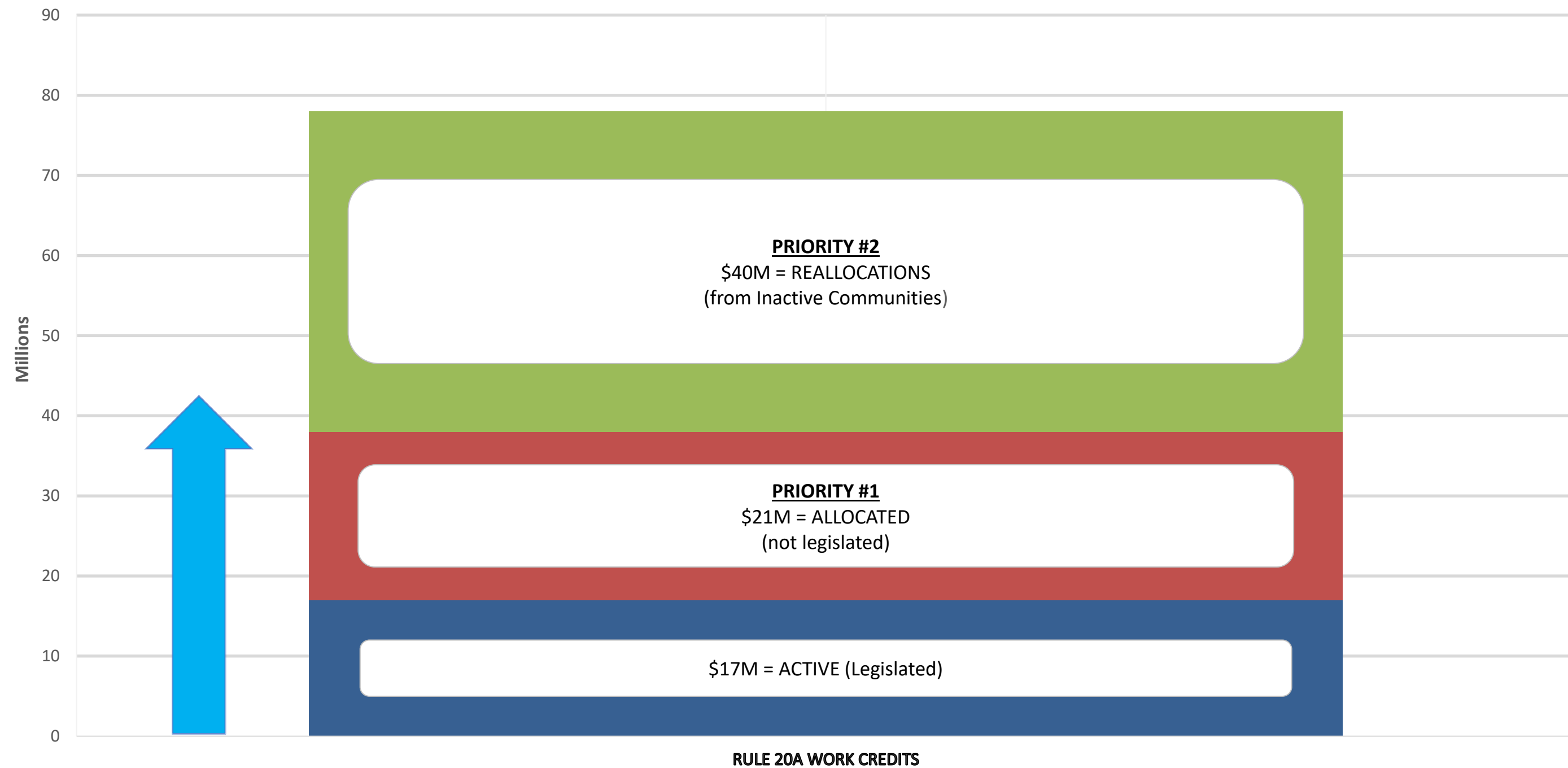
Conducted 10 Meetings on February 12-16, 2024

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

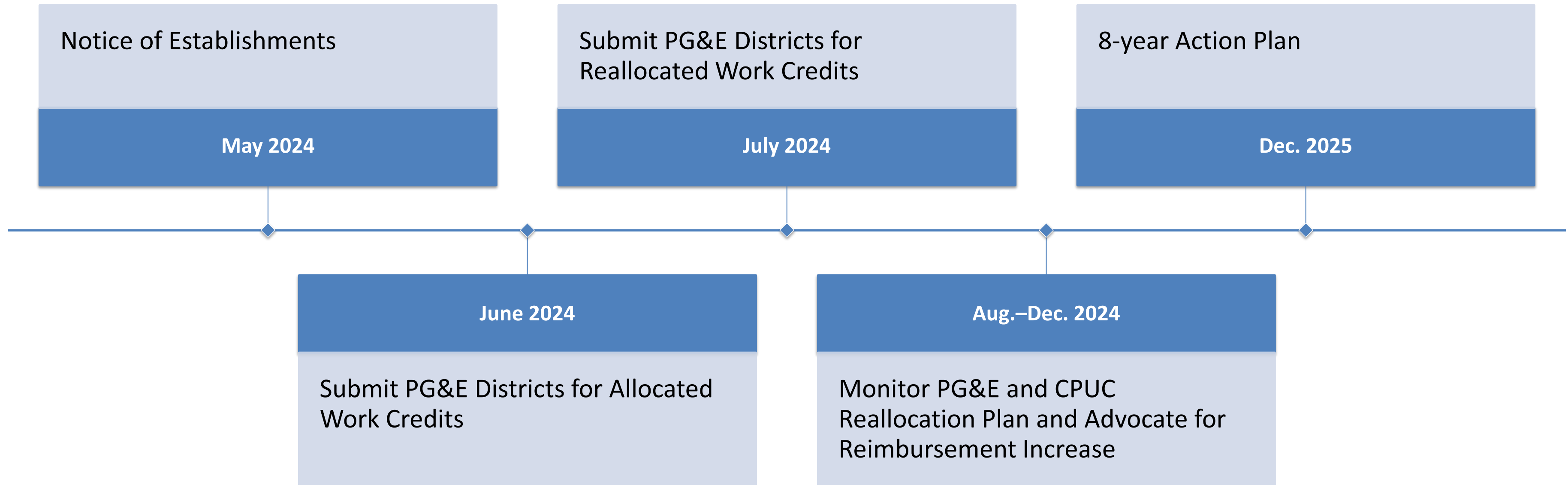
Feedback Included

- 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?

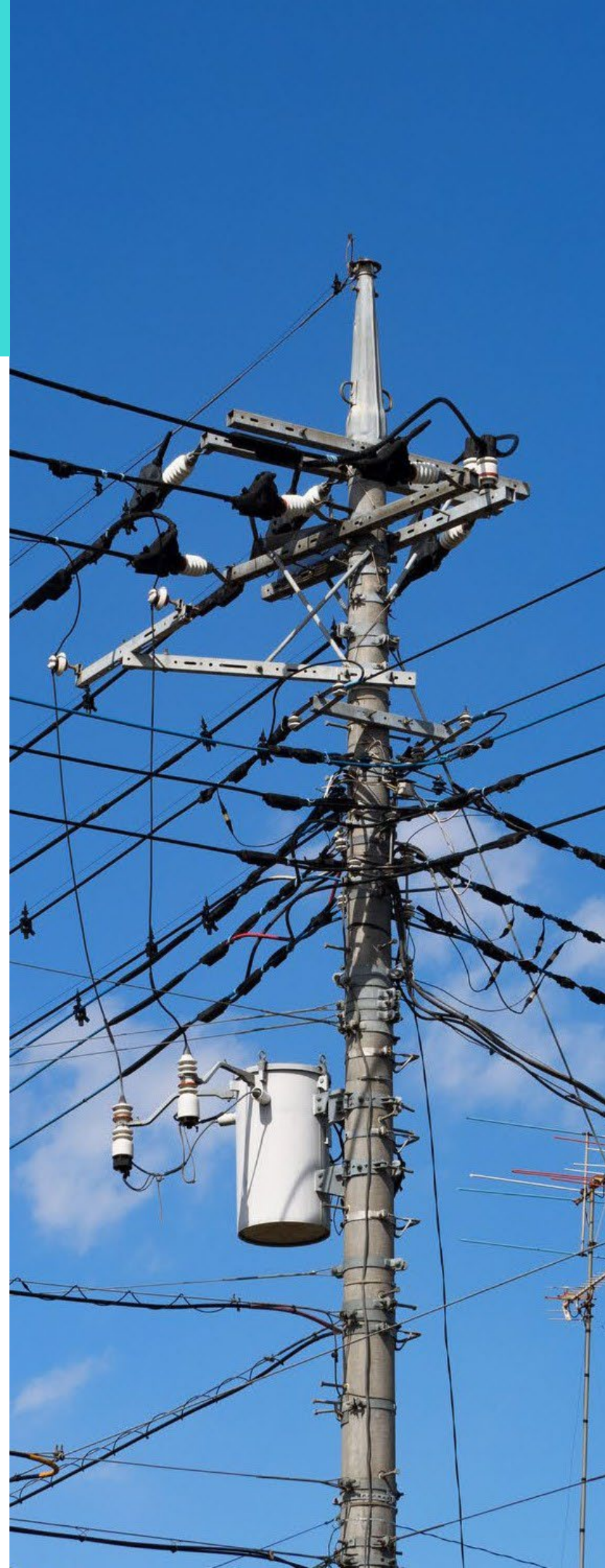


Recommendation

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		

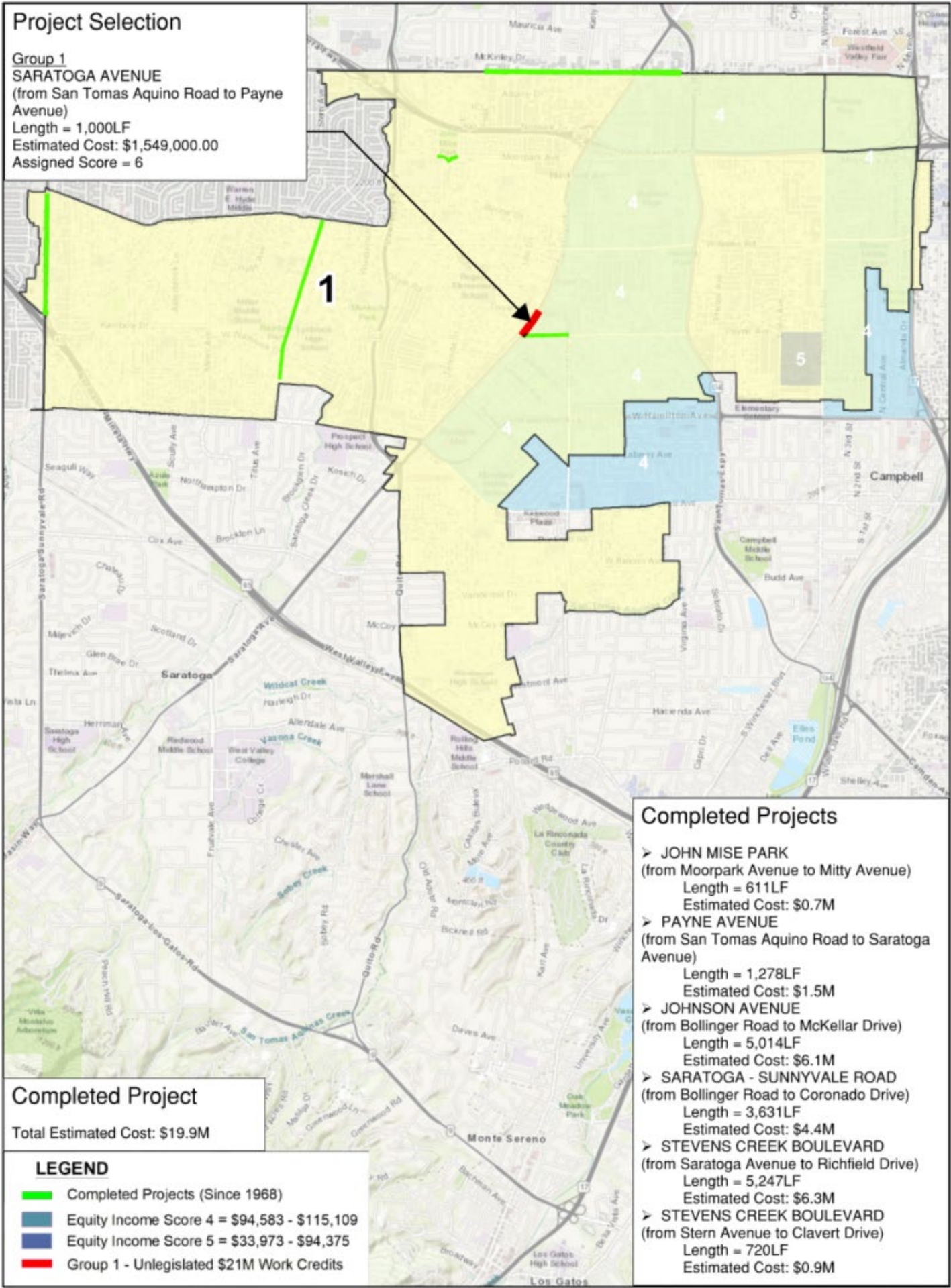
Priority #2

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

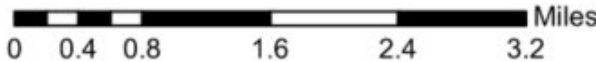
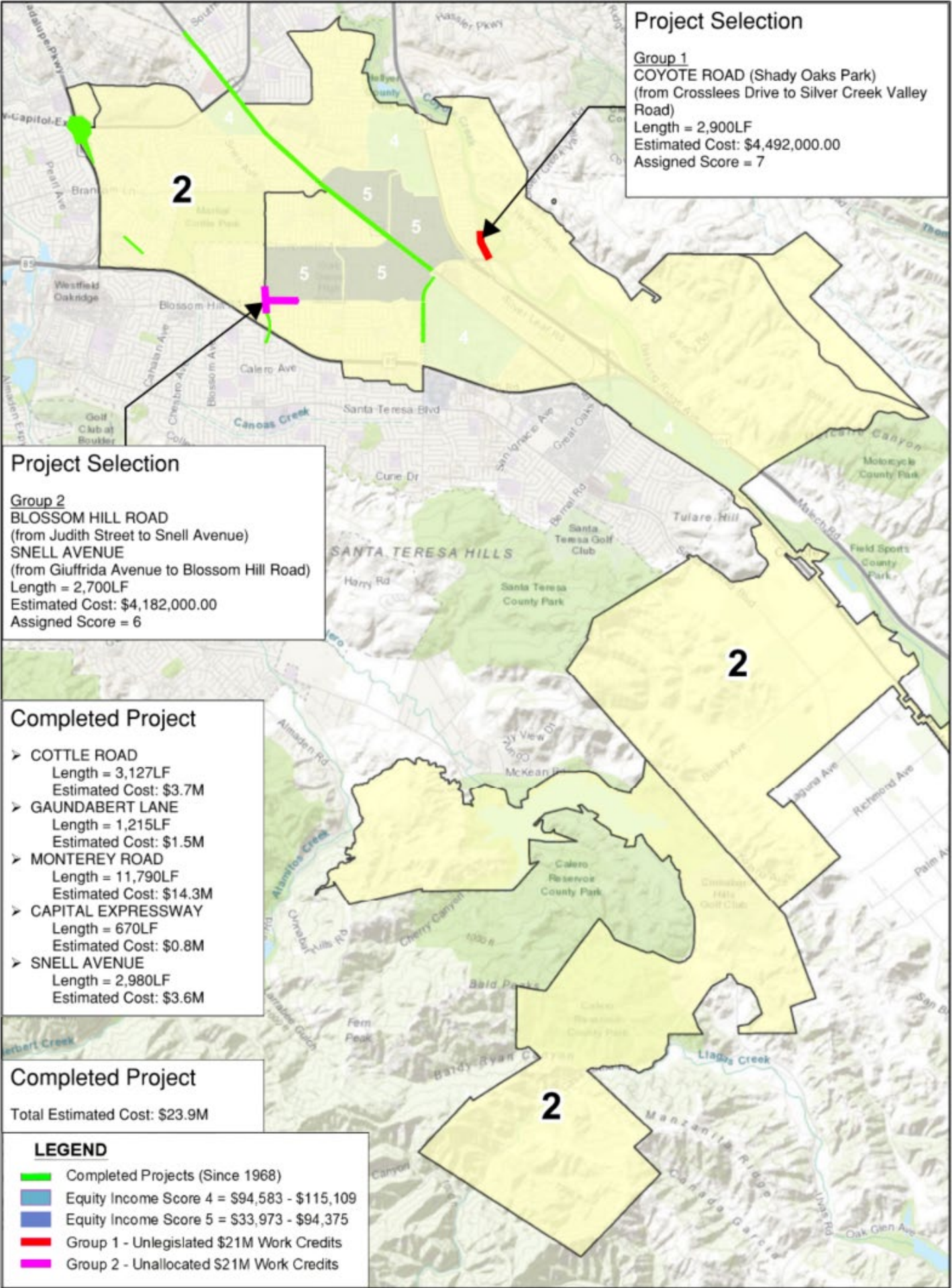
Council District 1



0 0.25 0.5 1 1.5 2 Miles

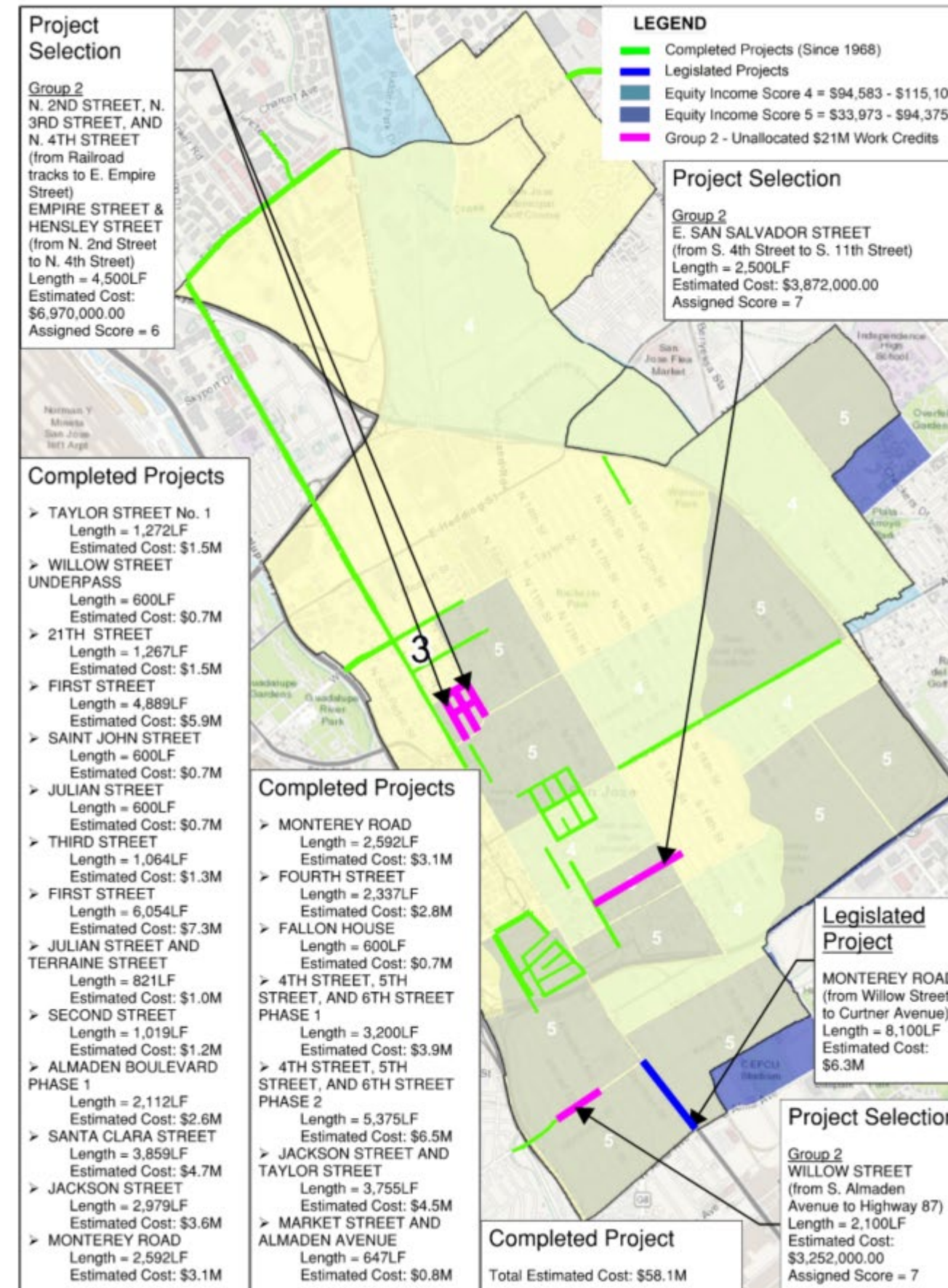
COUNCIL DISTRICT 2 UTILITY UNDERGROUND MAP

Council District 2



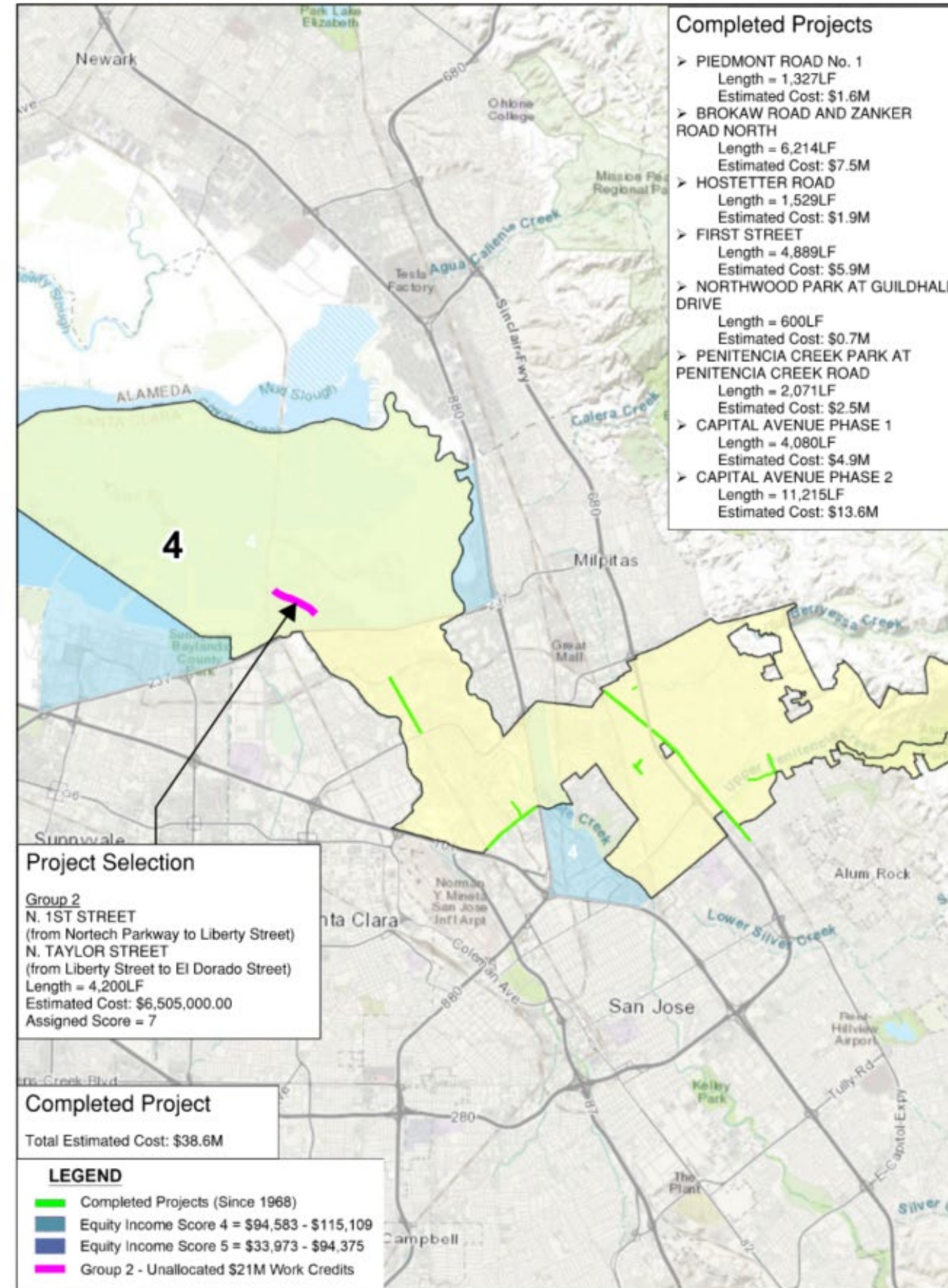
Council District 3

COUNCIL DISTRICT 3 UTILITY UNDERGROUND MAP



Council District 4

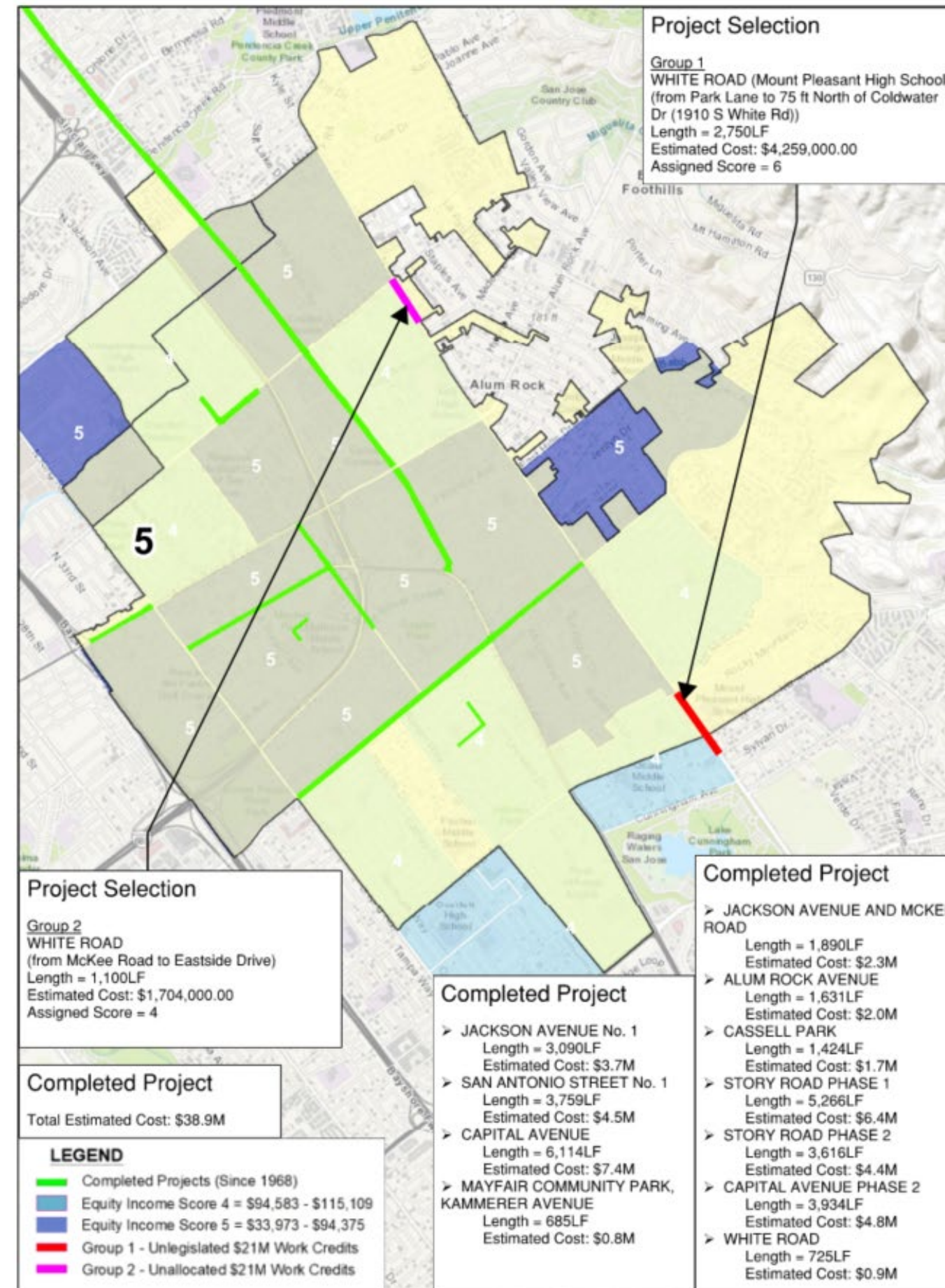
COUNCIL DISTRICT 4 UTILITY UNDERGROUND MAP



0 0.5 1 2 3 4 Miles

Council District 5

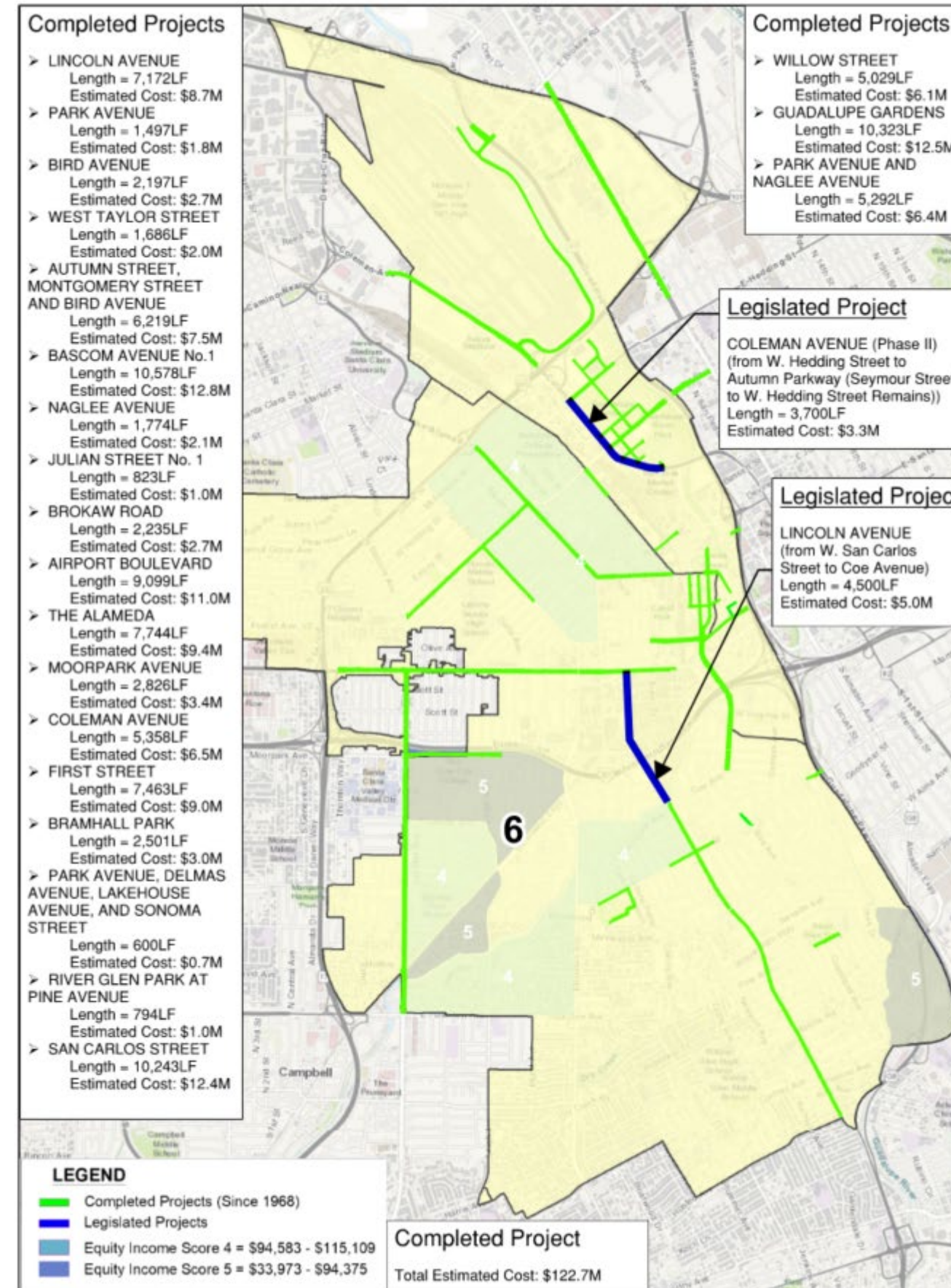
COUNCIL DISTRICT 5 UTILITY UNDERGROUND MAP



0 0.2 0.4 0.8 1.2 1.6 Miles

Council District 6

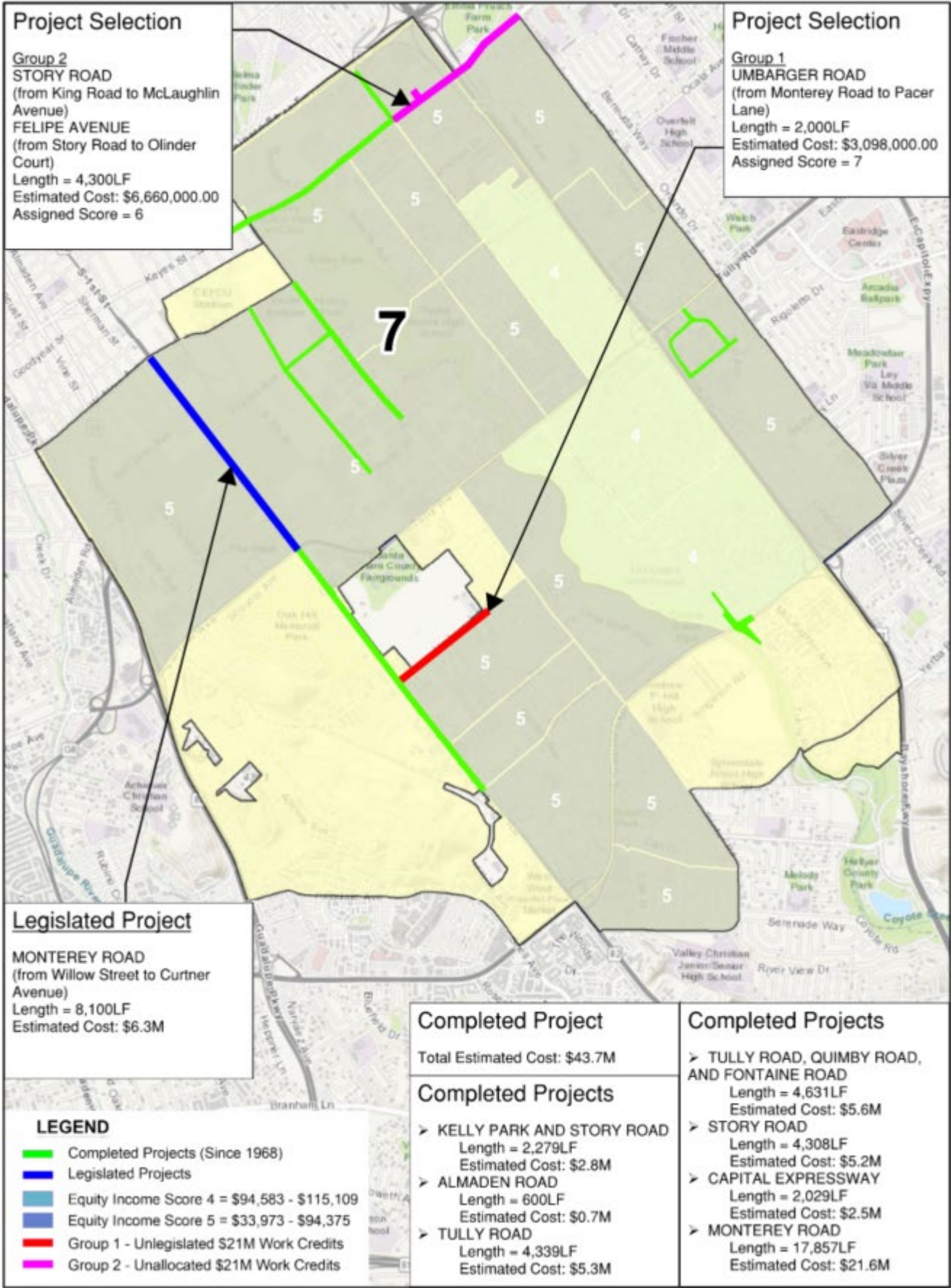
COUNCIL DISTRICT 6 UTILITY UNDERGROUND MAP



0 0.25 0.5 1 1.5 2 Miles

Council District 7

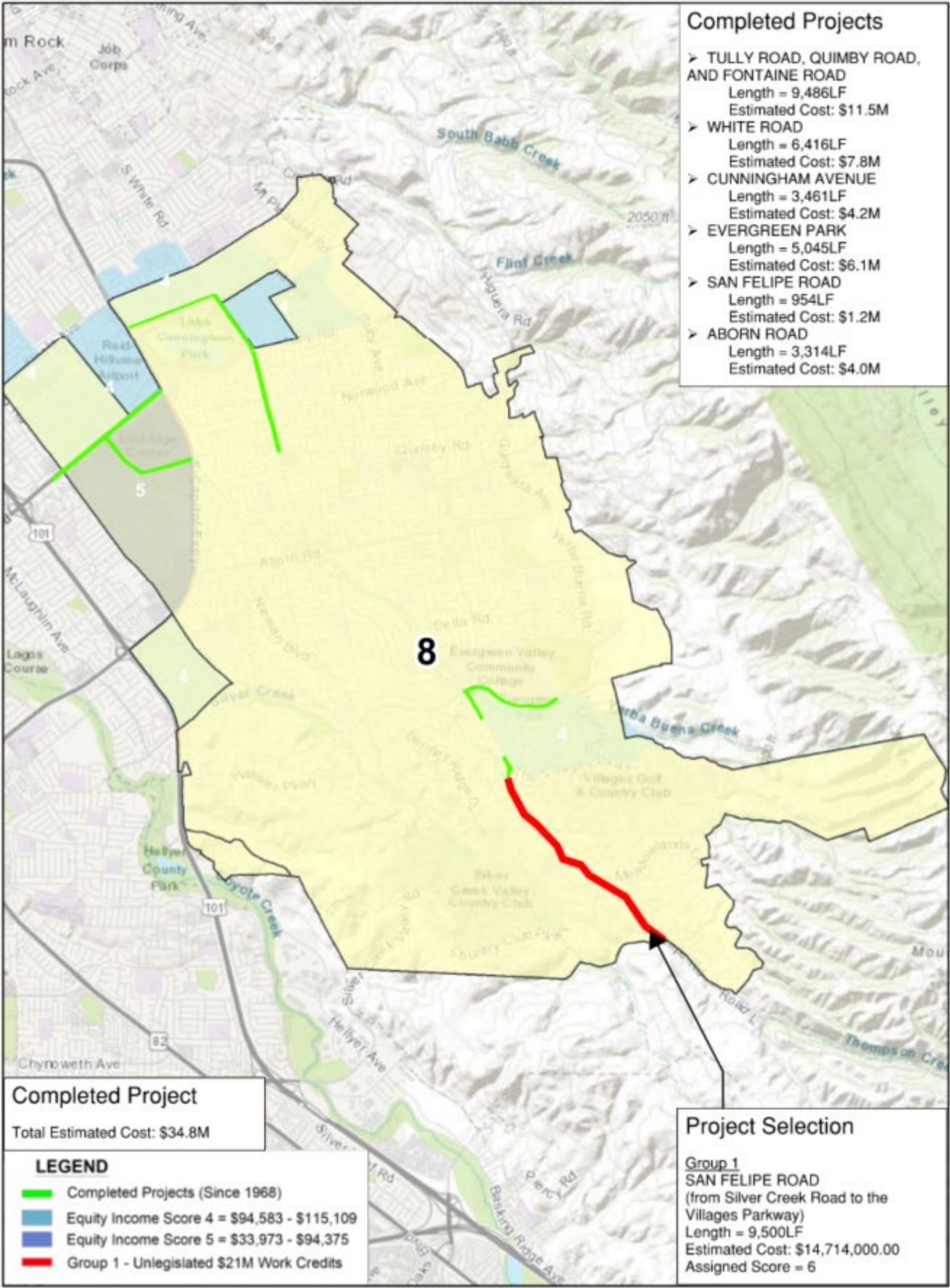
COUNCIL DISTRICT 7 UTILITY UNDERGROUND MAP



0 0.2 0.4 0.8 1.2 1.6 Miles

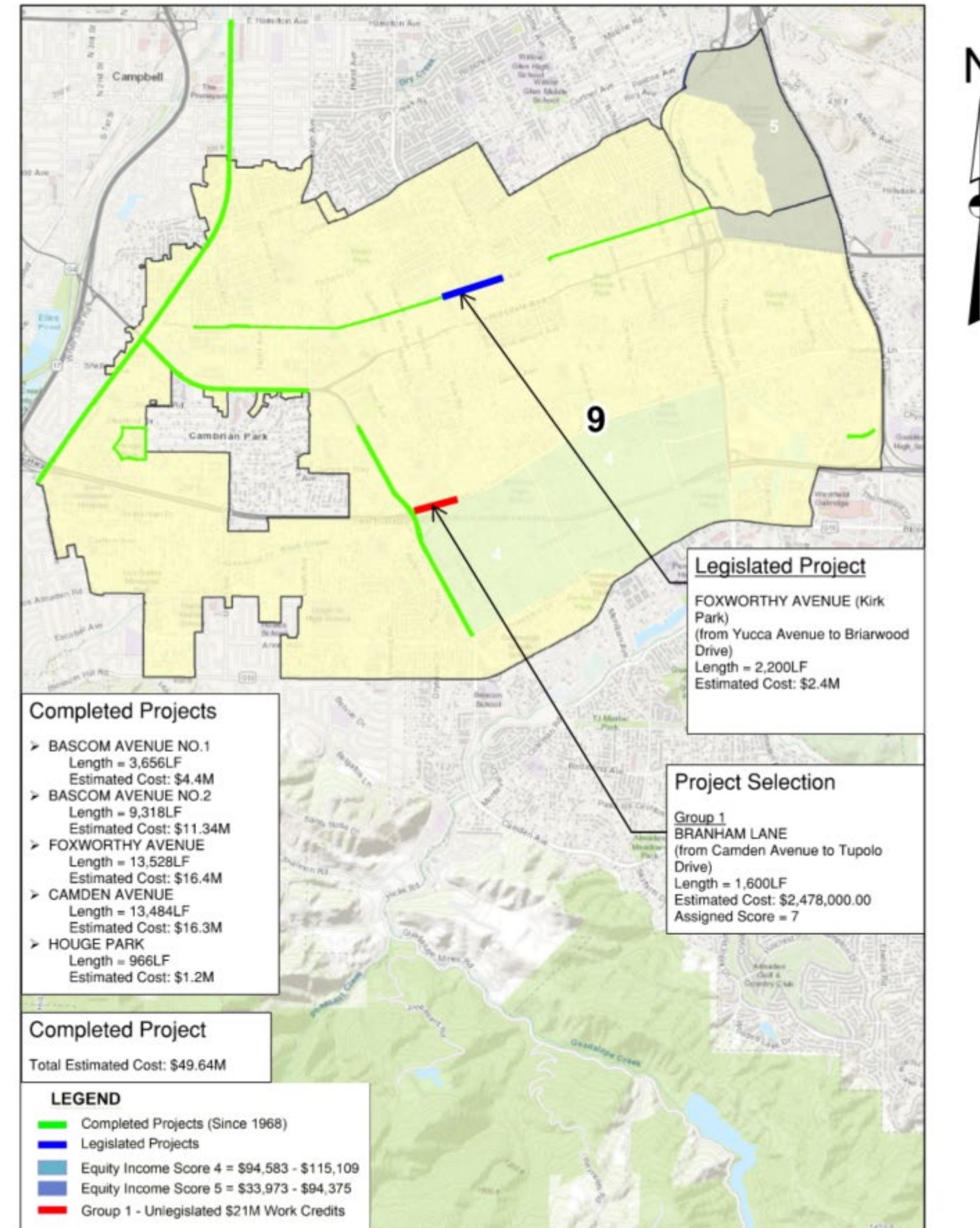
Council District 8

COUNCIL DISTRICT 8 UTILITY UNDERGROUND MAP



Council District 9

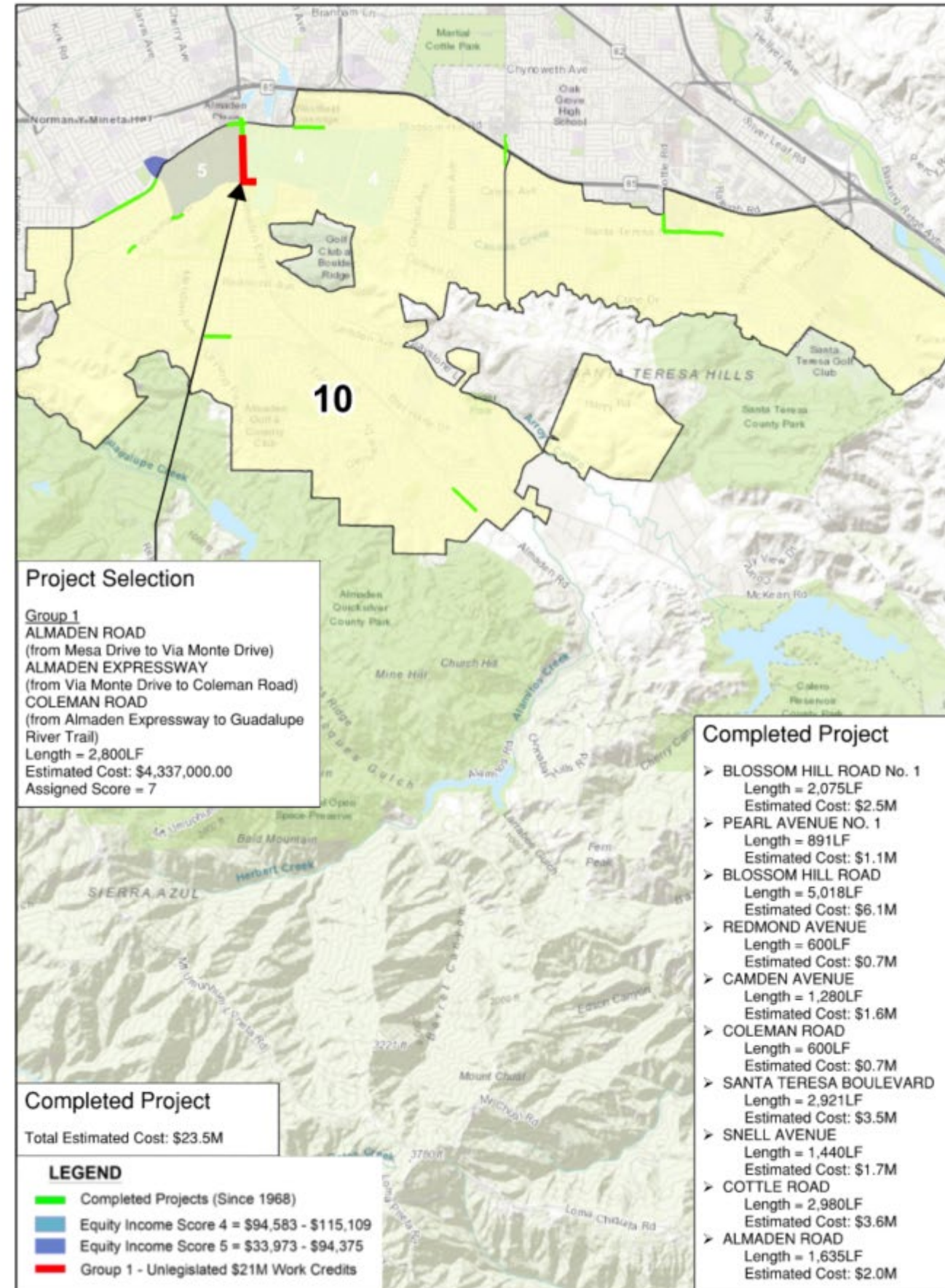
COUNCIL DISTRICT 9 UTILITY UNDERGROUND MAP



0 0.25 0.5 1 1.5 2 Miles

Council District 10

COUNCIL DISTRICT 10 UTILITY UNDERGROUND MAP



0 0.4 0.8 1.6 2.4 3.2 Miles

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%

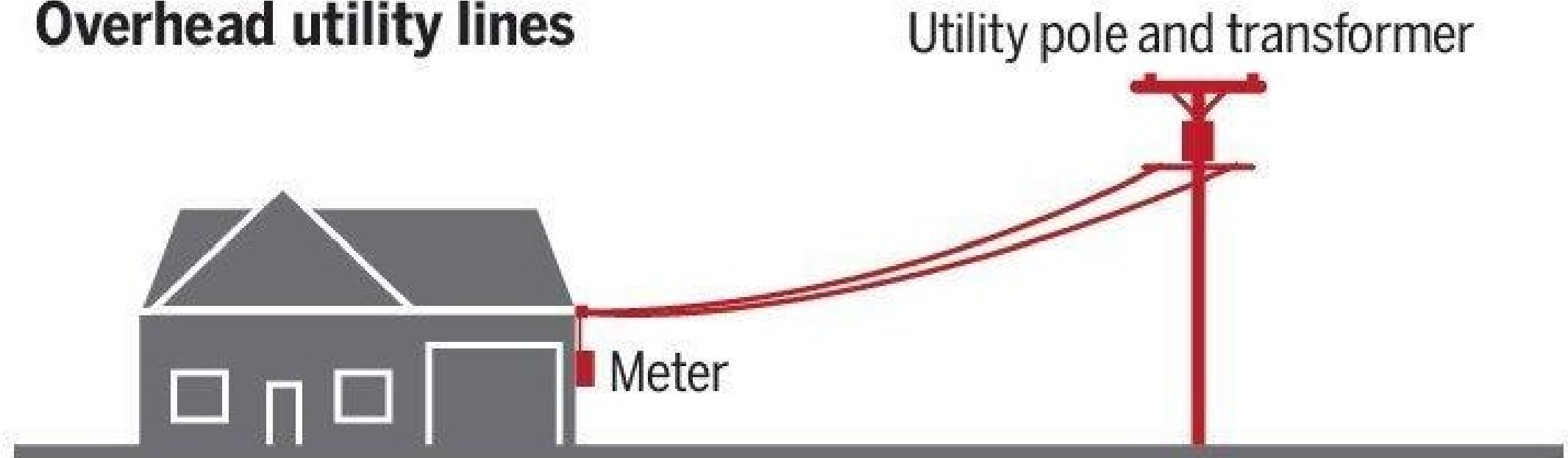
APPENDIX C

Panel Conversion Schematics

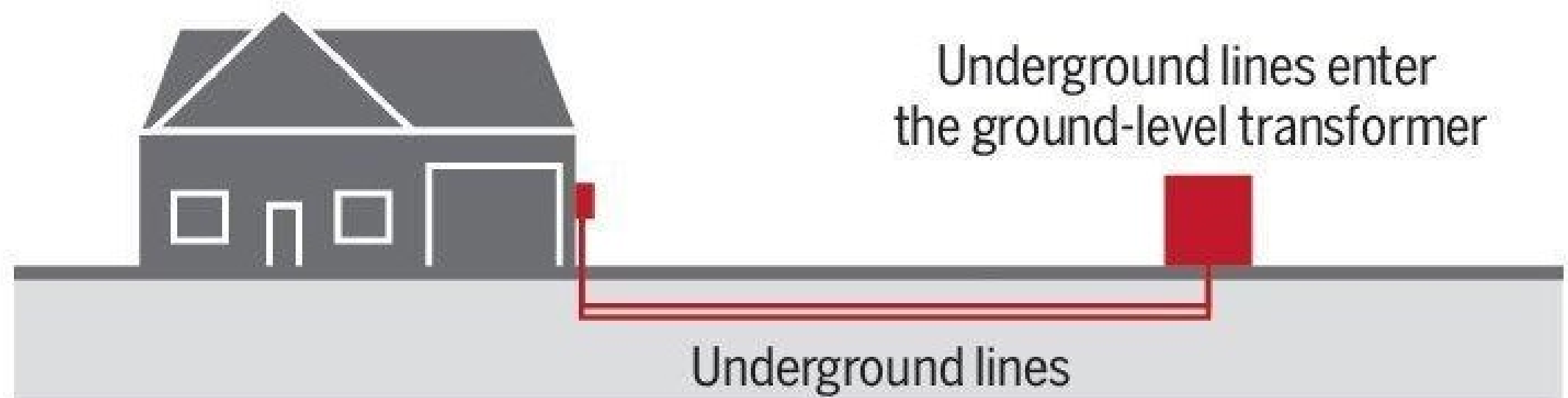
Private Property Conversions

- 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

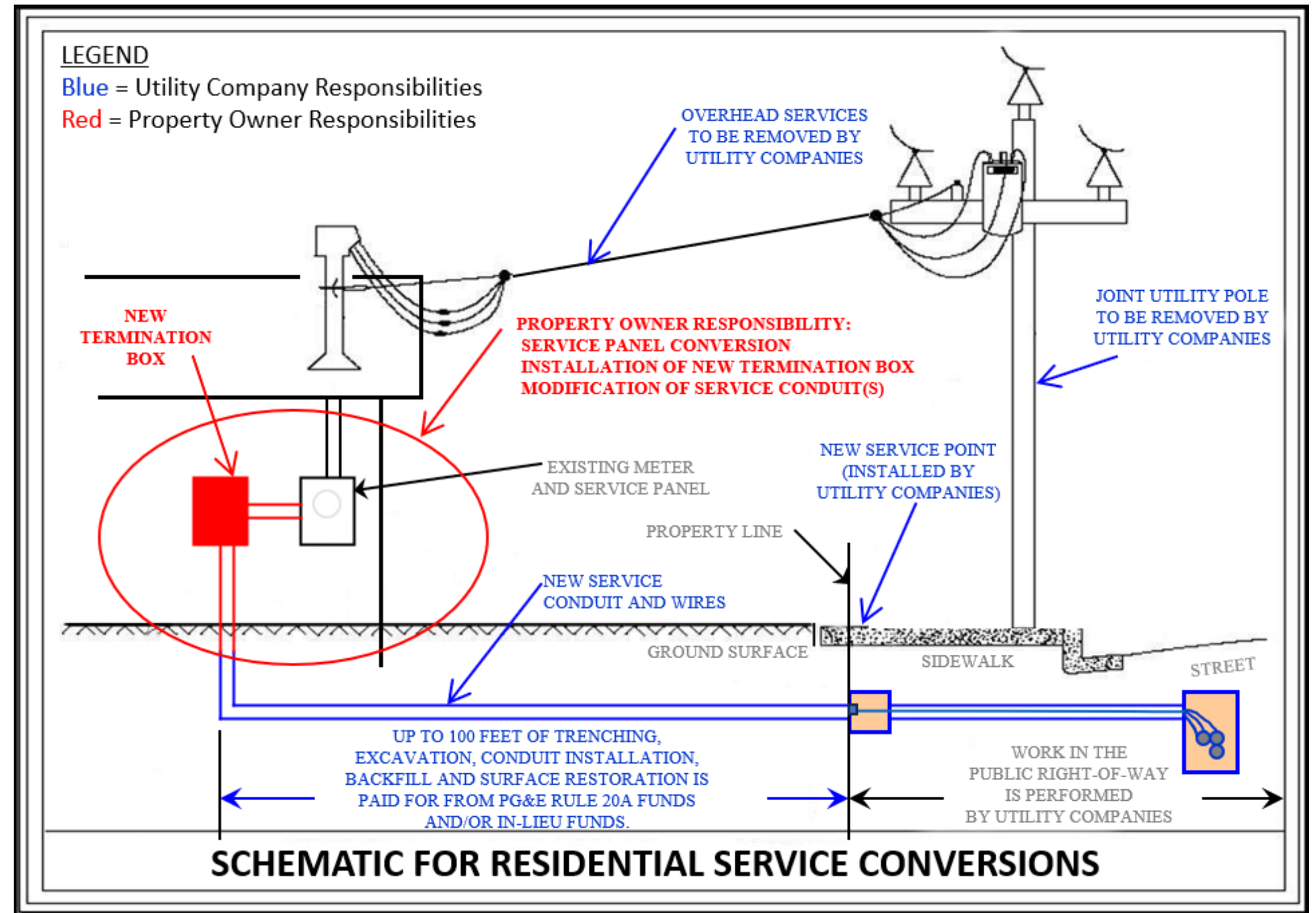
Overhead utility lines



Underground utility lines



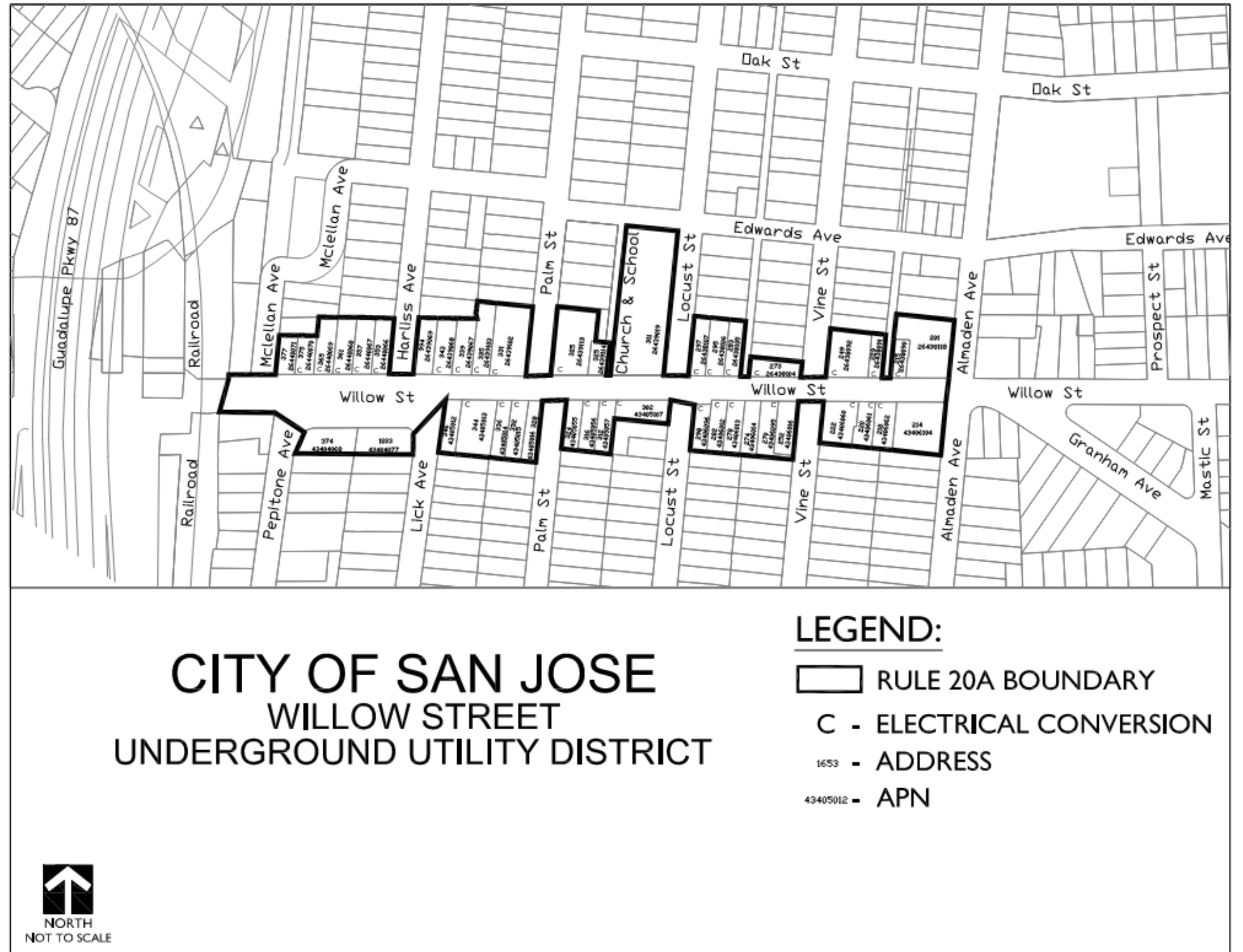
Schematic for residential service conversions



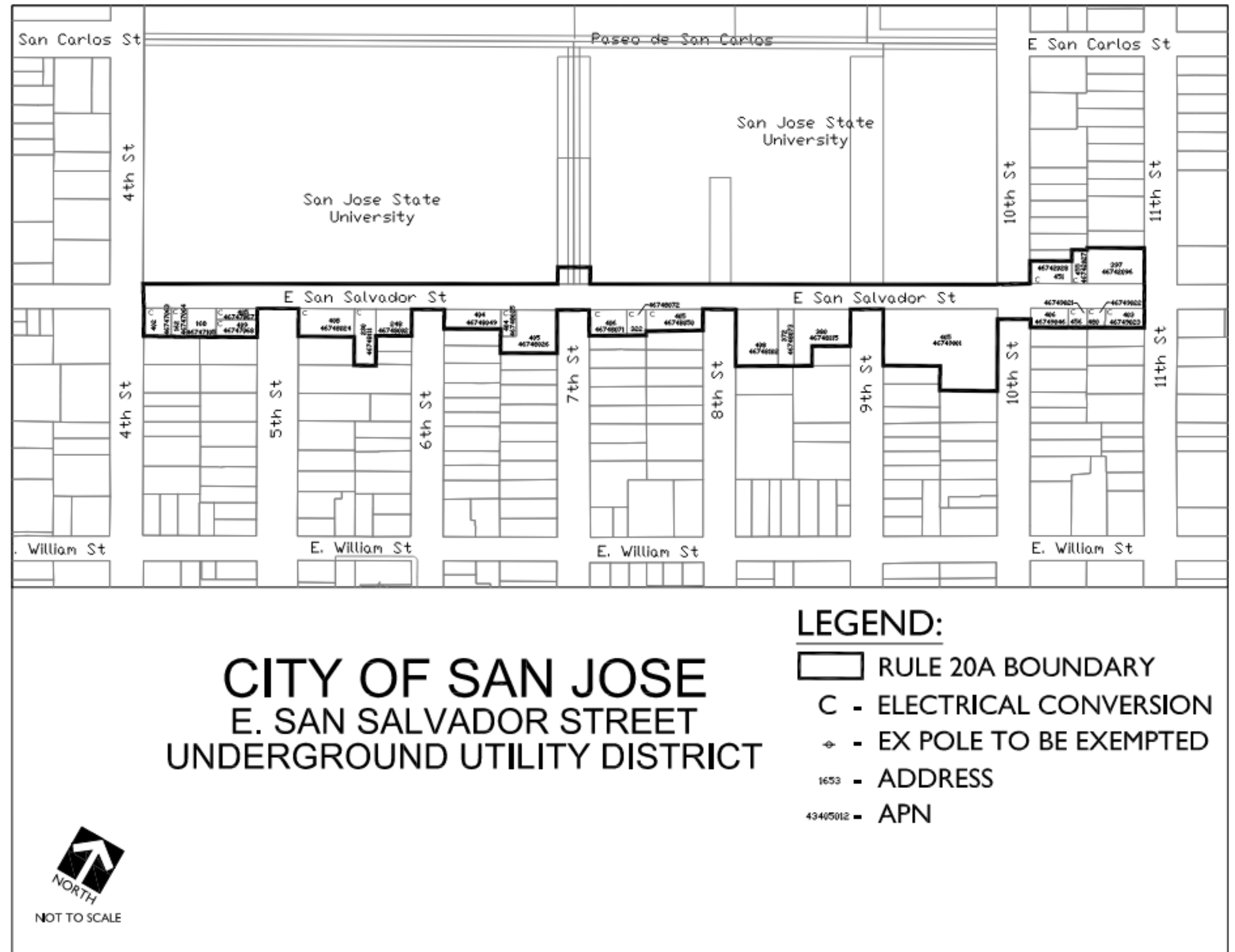
APPENDIX D

Location Maps

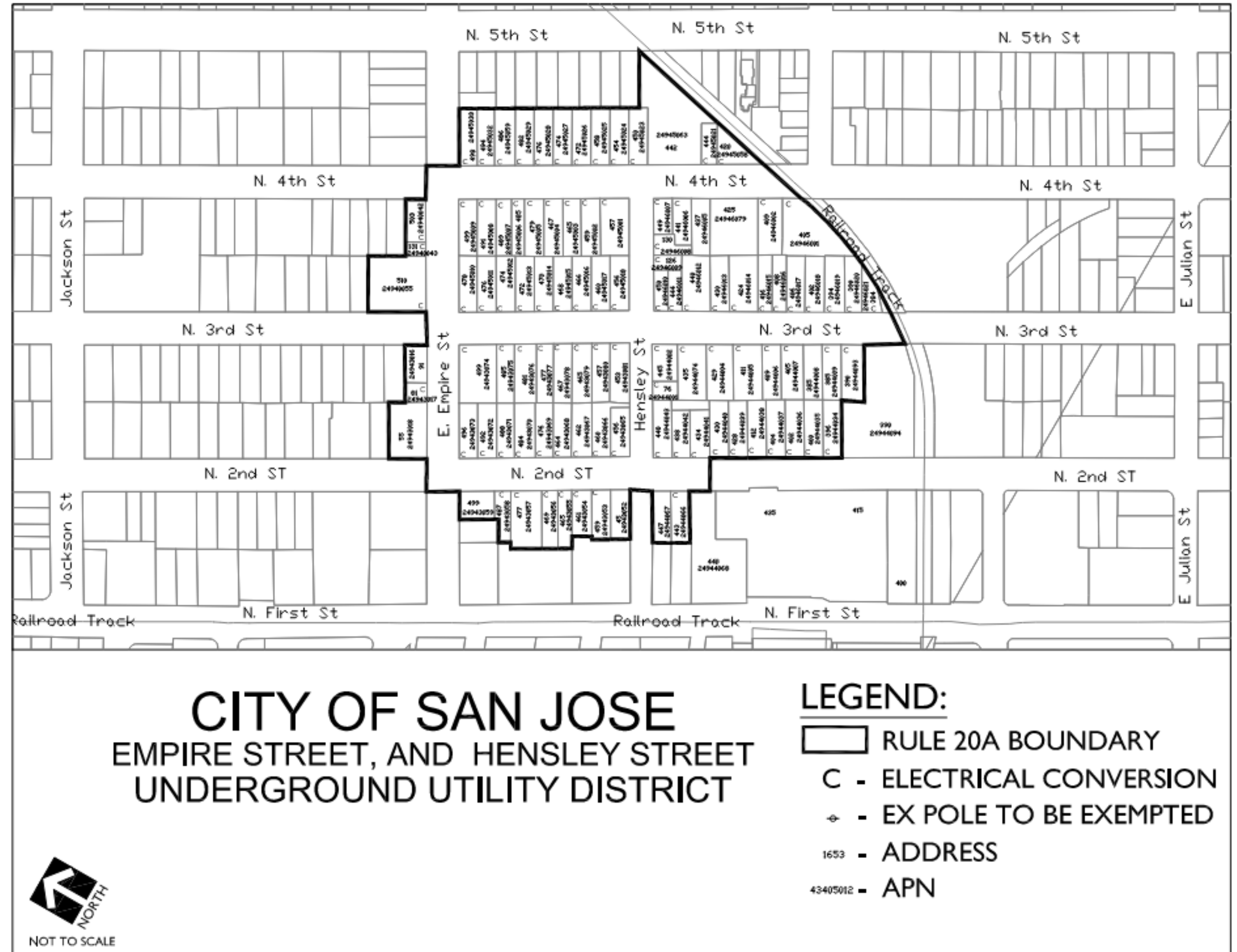
Willow Street



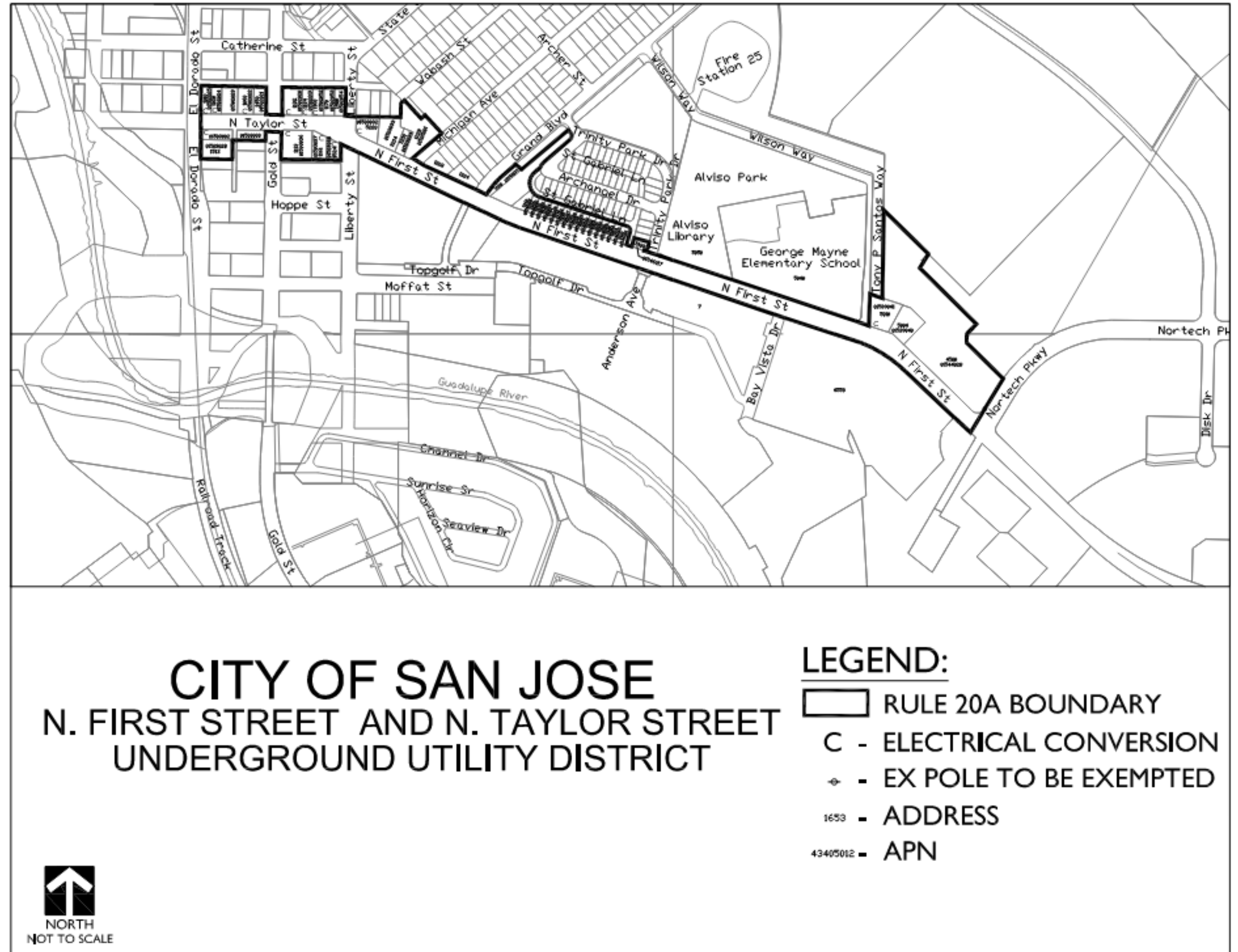
E. San Salvador Street



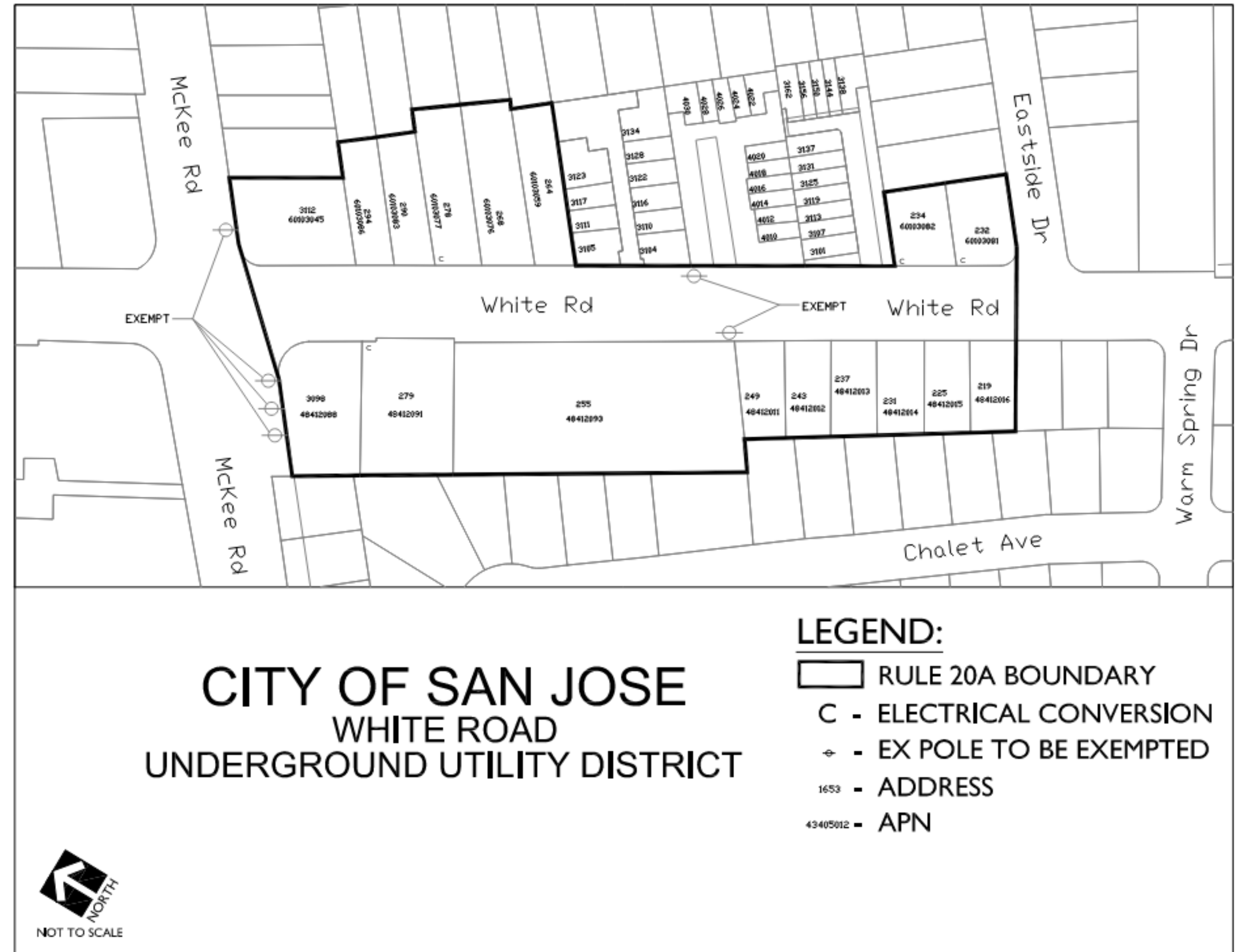
Empire / Hensley Streets



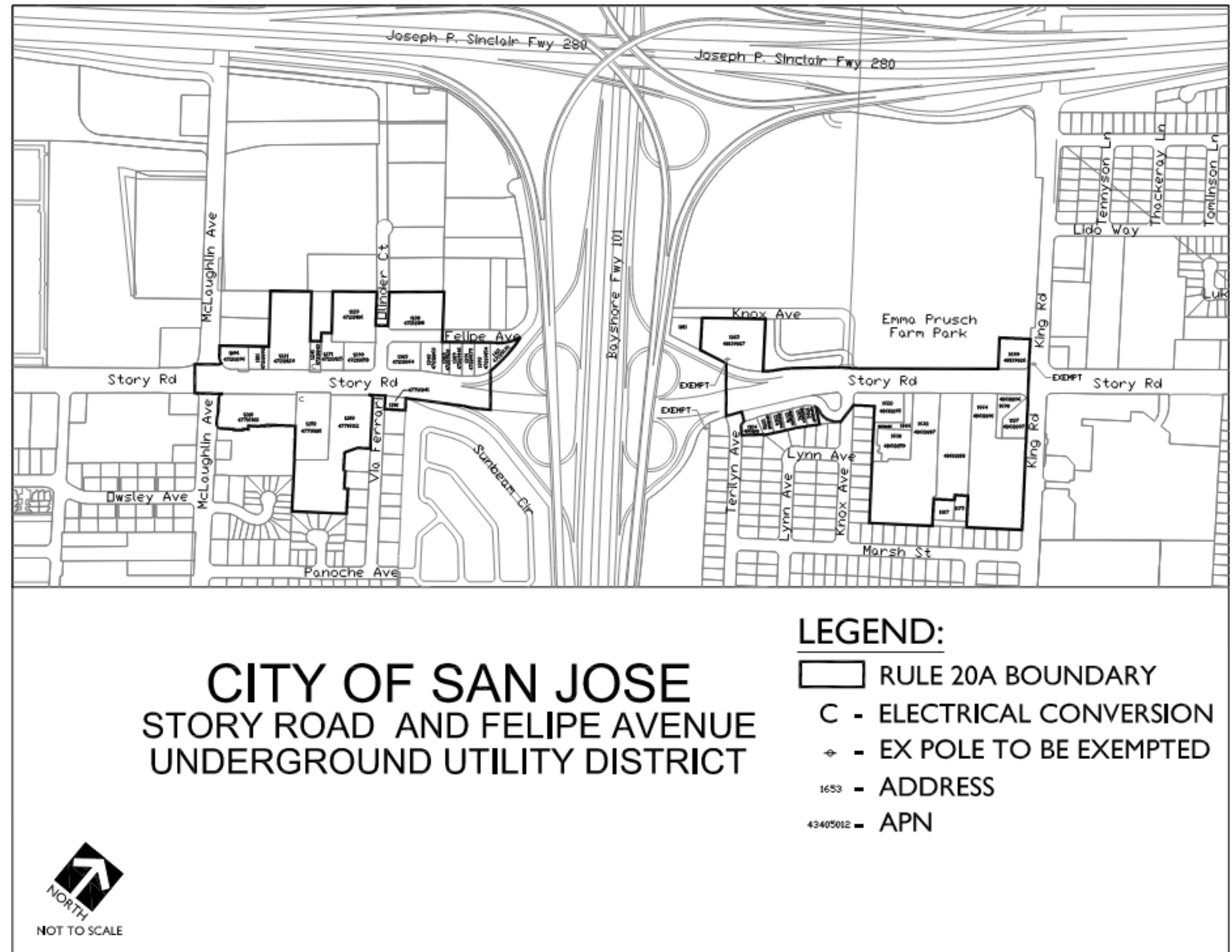
N. First / N. Taylor Streets



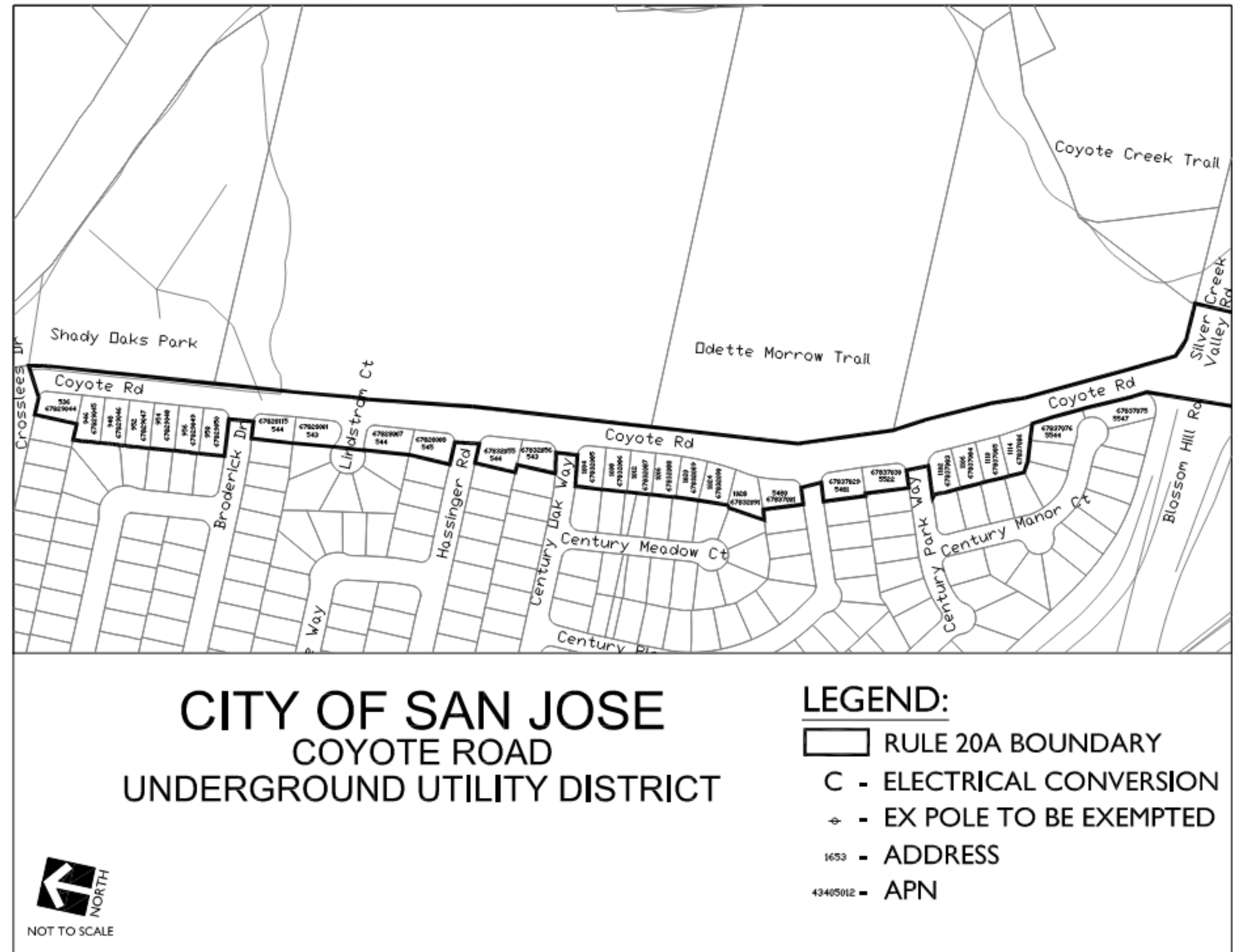
White Road



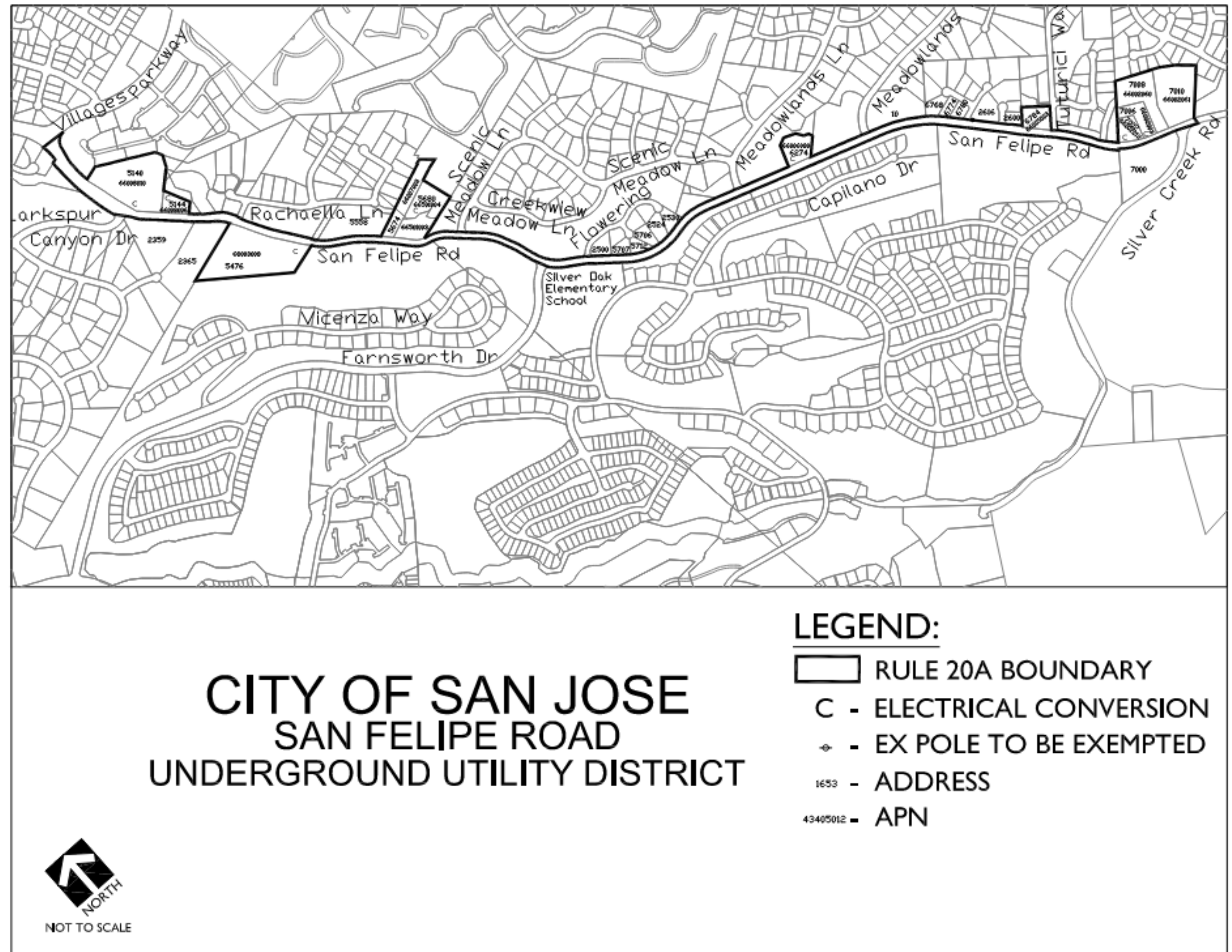
Story Road



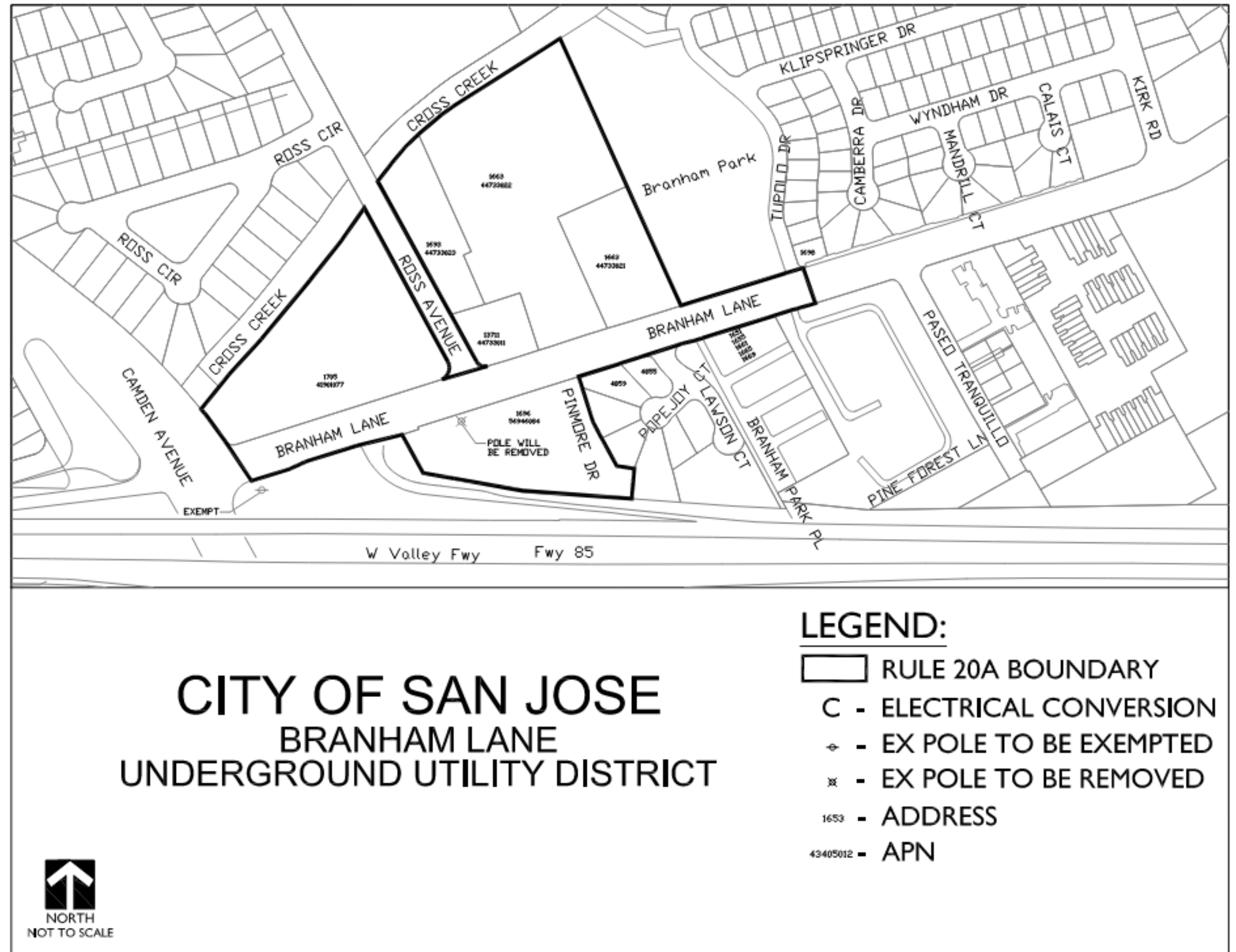
Coyote Road



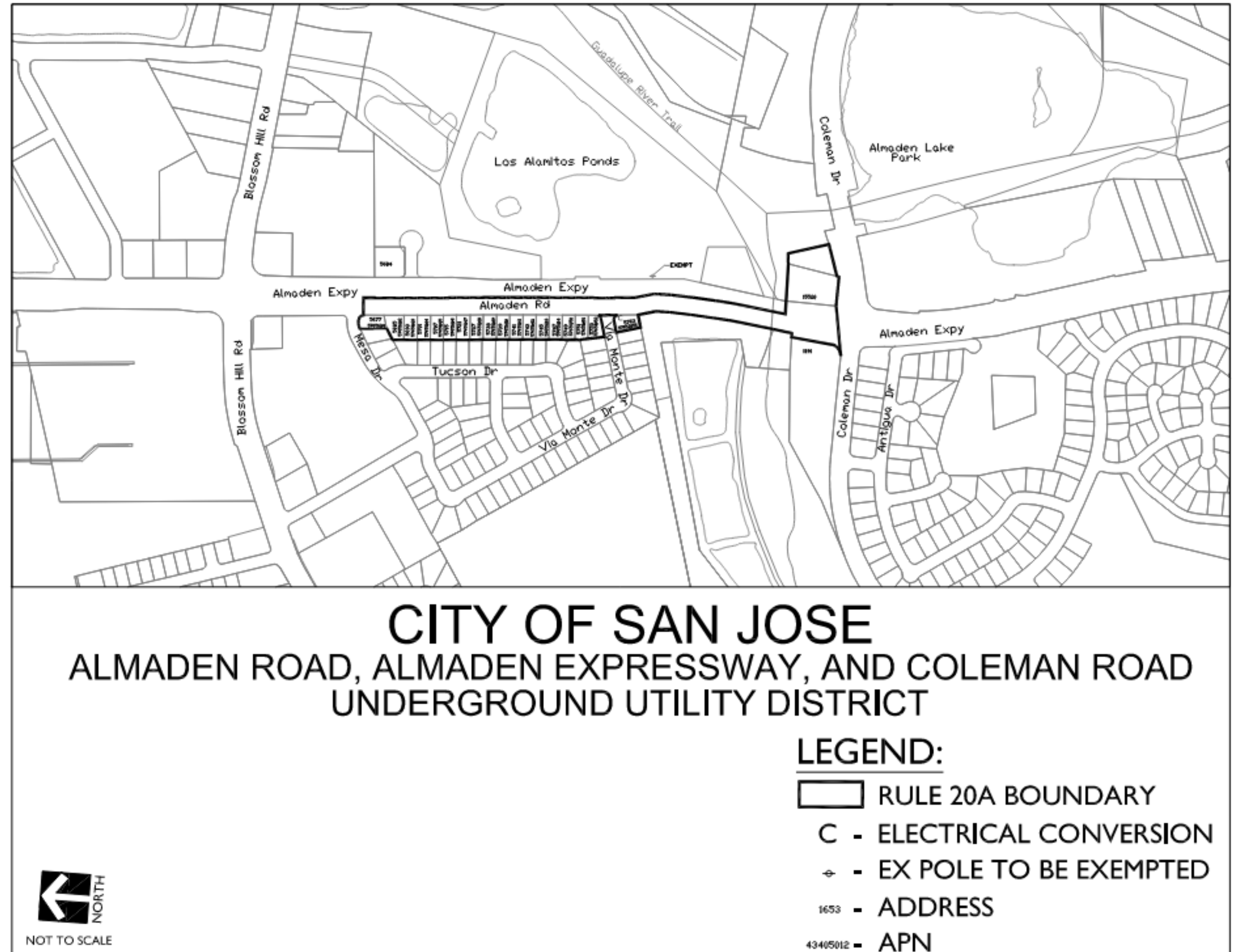
San Felipe Road



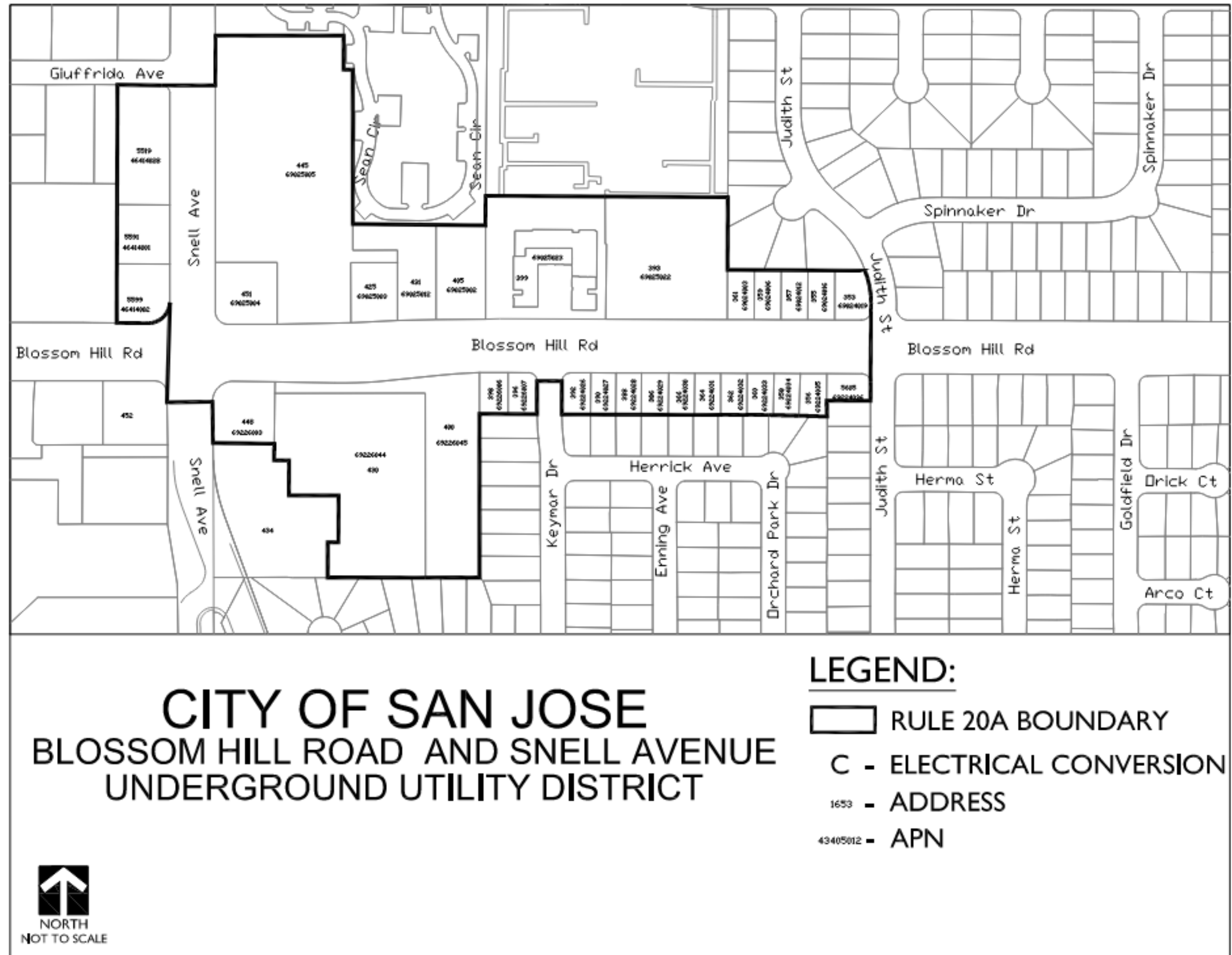
Branham Lane



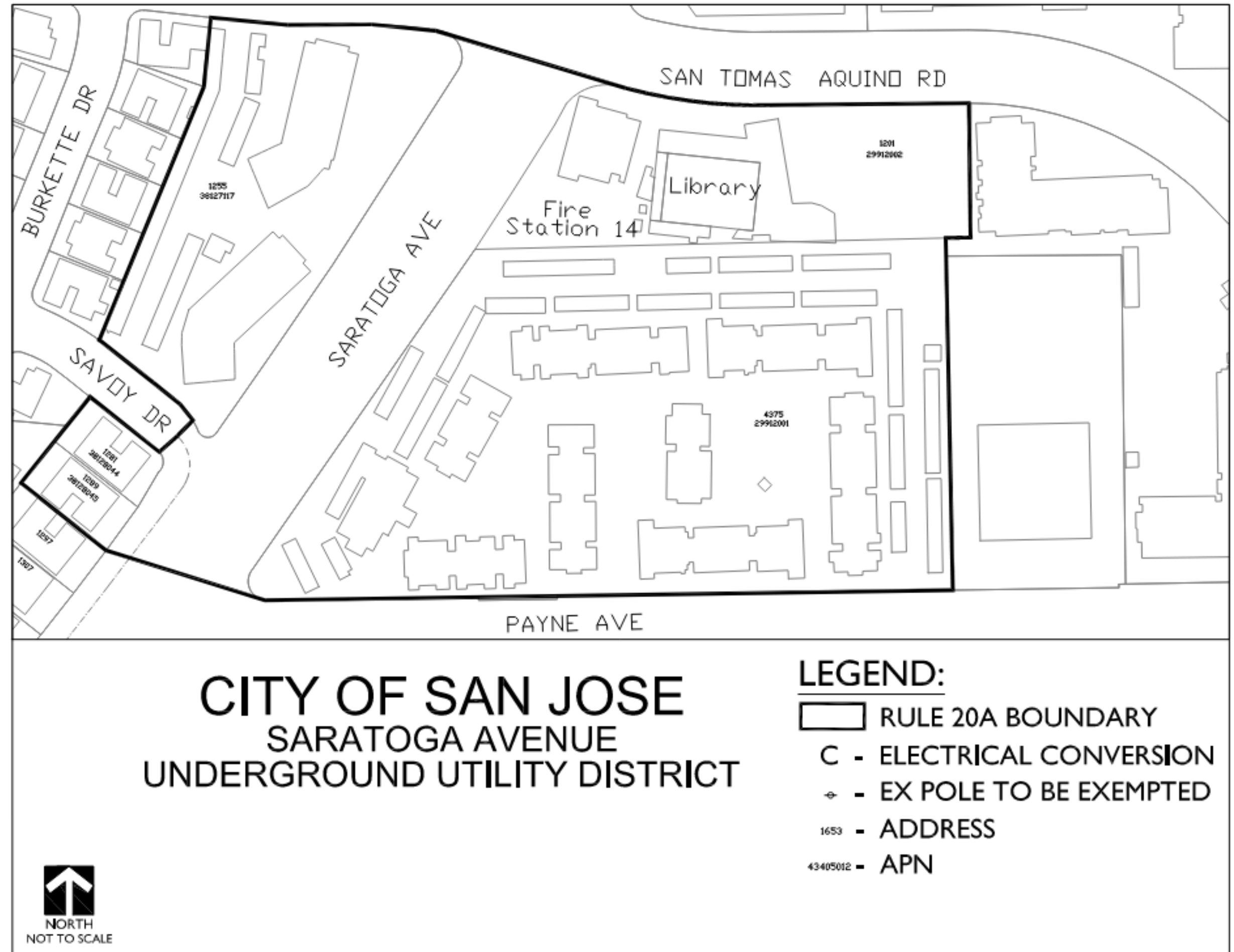
Almaden Road



Blossom Hill Road



Saratoga Avenue



Umbarger Road

