

SFMTA - TASC SUMMARY SHEET

PreStaff_Date: 3/25/2021 Requested_by: SFMTA Handled: Mark Manalo <i>AM</i> Section Head : MS <i>MS</i>	<input type="checkbox"/> Public Hearing Consent <input checked="" type="checkbox"/> Public Hearing Regular <input type="checkbox"/> Informational / Other <small>PH - Regular</small>	No objections: _____ Item Held: _____ Other: _____
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Location: Anza Street, between 30th Avenue and Masonic Avenue

Subject: Anza Street Bike Lanes Project

PROPOSAL / REQUEST:
 ESTABLISH – CLASS II BIKEWAY
 Anza Street, eastbound, south side, between 30th Avenue and Parker Avenue
 Anza Street, eastbound, south side, between Blake Street and Masonic Avenue
 Anza Street, westbound, north side, between 30th Avenue and Blake Street

ESTABLISH – CLASS III BIKEWAY
 Anza Street, eastbound, south side, between Parker Avenue and Blake Street
 Anza Street, westbound, north side, between Blake Street and Masonic Avenue
 (see 2nd page of packet for complete description)

(Supervisor District 1)
 Anza Street was identified by community-members in the Richmond District during earlier planning processes as a desirable corridor for bike lanes. The proposal establishes a bike lane on Anza Street between 30th Avenue and Masonic Avenue. This project will deliver improvements to address bicycle and pedestrian safety.

Mark Manalo, mark.manalo@sfmta.com

BACKGROUND INFORMATION / COMMENTS

Anza Street was identified by community-members in the Richmond District during earlier planning processes as a desirable corridor for bike lanes. At the direction of former District 1 Supervisor Sandra Fewer, SFMTA secured funding for planning, design and construction in order to improve bicycling and pedestrian safety through

- addition of a Class II bike lane in both directions
- road diet from 4 through lanes to 2 through lanes between Arguello Boulevard and Parker Avenue
- upgrading existing transverse crosswalks with continental crosswalks
- installation of continental crosswalks where curb ramps are present
- installation of a raised crosswalk at Collins Street

Block Dimensions: Width: 50'; Speed Limit: 25 MPH
 Anza Street is not a MUNI route

HEARING NOTIFICATION AND PROCESSING NOTES:	ENVIRONMENTAL CLEARANCE BY: <input type="checkbox"/> SFMTA <input type="checkbox"/> Attached <input type="checkbox"/> Pending
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CHECK IF PREPARING SEPARATE SFMTA BOARD CALENDAR ITEM FOR PROPOSAL:



1. Anza Street, between 30th Avenue and Masonic Avenue – Anza Street Bike Lanes Project

ESTABLISH – CLASS II BIKEWAY

Anza Street, eastbound, south side, between 30th Avenue and Parker Avenue
Anza Street, eastbound, south side, between Blake Street and Masonic Avenue
Anza Street, westbound, north side, between 30th Avenue and Blake Street

ESTABLISH – CLASS III BIKEWAY

Anza Street, eastbound, south side, between Parker Avenue and Blake Street
Anza Street, westbound, north side, between Blake Street and Masonic Avenue

ESTABLISH – SPEED CUSHIONS

Anza Street, between Blake Street and Collins Street (1 3-lump speed cushion)
Anza Street, between Collins Street and Wood Street (1 3-lump speed cushion)

ESTABLISH – TOW-AWAY, NO STOPPING ANY TIME

Anza Street, north side, from 14th Avenue to Funston Avenue
Anza Street, south side, from 14th Avenue to Park Presidio

RESCIND – RIGHT LANE MUST TURN RIGHT

Anza Street, eastbound, south side, from Beaumont Avenue to Parker Avenue

RESCIND – THRU TRAFFIC MERGE RIGHT

Anza Street, westbound, north side, from Loraine Court to Almaden Court


RESCIND – LEFT LANE MUST TURN LEFT


Anza Street, westbound, north side, from Almaden Court to Arguello Boulevard

(Supervisor District 1)

Anza Street was identified by community-members in the Richmond District during earlier planning processes as a desirable corridor for bike lanes. The proposal establishes a bike lane on Anza Street between 30th Avenue and Masonic Avenue. This project will deliver improvements to address bicycle and pedestrian safety.

Mark Manalo, mark.manalo@sfmta.com

 Vision Zero - High Injury Network

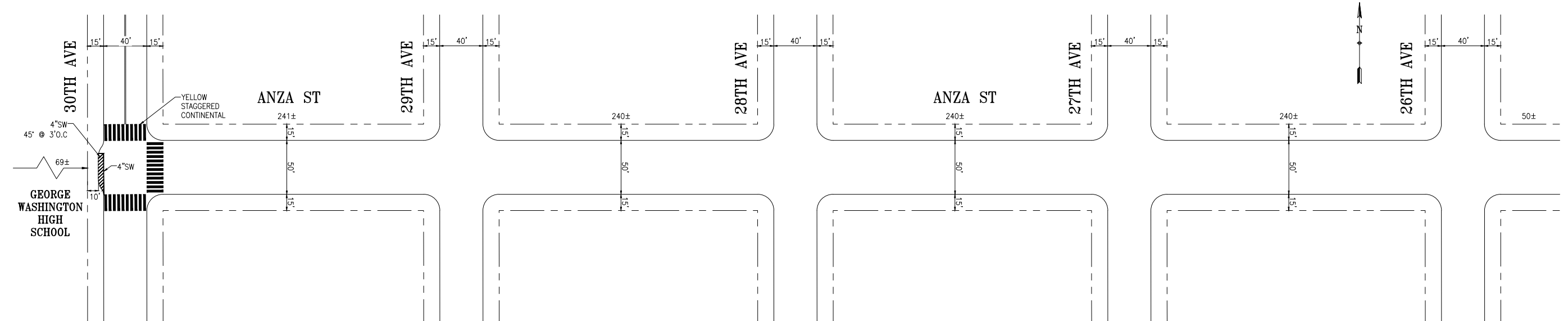
 Anza Street - Proposed Bike Lanes



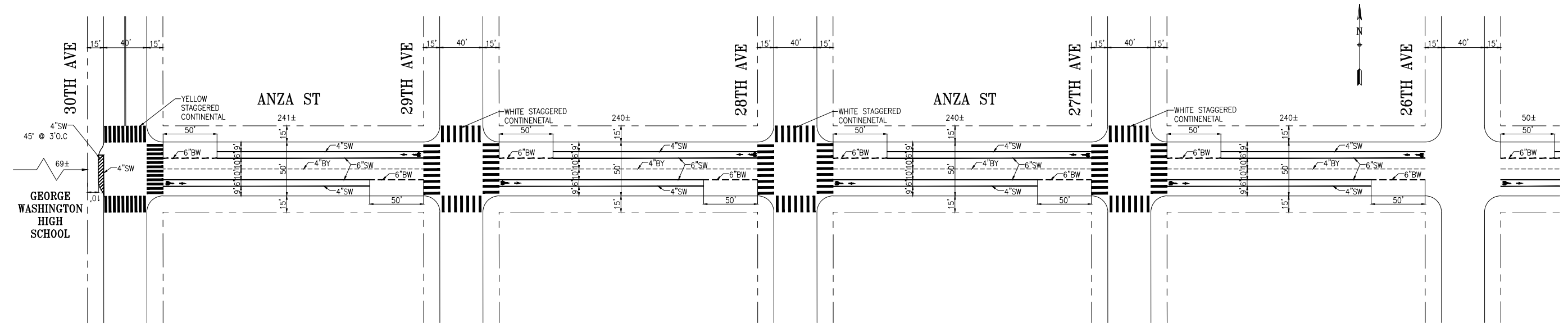
Project Area Map w/ Vision Zero High Injury Network



PLAN - EXISTING



PLAN - PROPOSED



NO.	DATE	DESCRIPTION	BY	APP
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				



DRAWN:	M. MANALO	DATE:	03/15/21
CHECKED:	A. UY	DATE:	03/15/21

APPROVED	SCALE:
MIKE SALLABERRY ###/###/##	1" = 50'
SENIOR ENGINEER	DATE:
RICARDO OLEA ###/###/##	SHEET/SHEETS:
CITY TRAFFIC ENGINEER	1

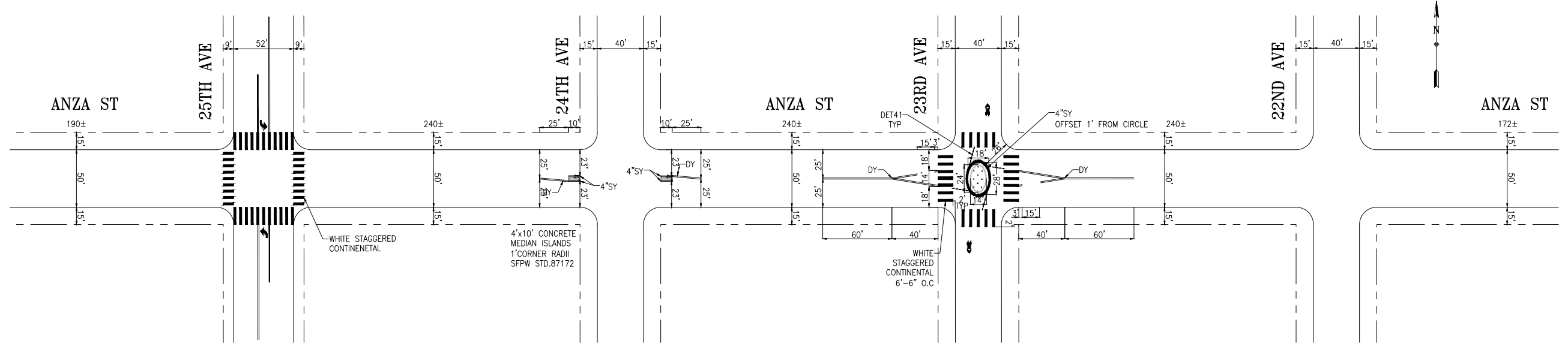
TRAFFIC STRIPING

ANZA STREET
30TH AVENUE TO MASONIC AVENUE

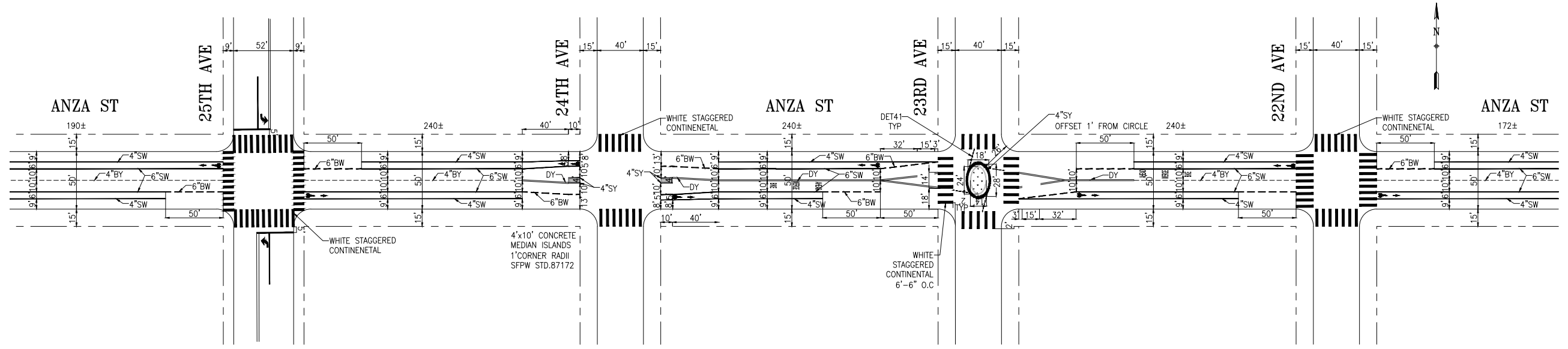
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DRAWING NO.
DRAFT
FILE NO.
REV. NO.
DRAFT

FILE NAME: ---/---/---
DATE: ---/---/---

PLAN - EXISTING



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MIKE SALLABERRY ###/###/###	1" = 50'
SENIOR ENGINEER	DATE:
RICARDO OLEA ###/###/###	SHEET/SHEETS:
CITY TRAFFIC ENGINEER	2

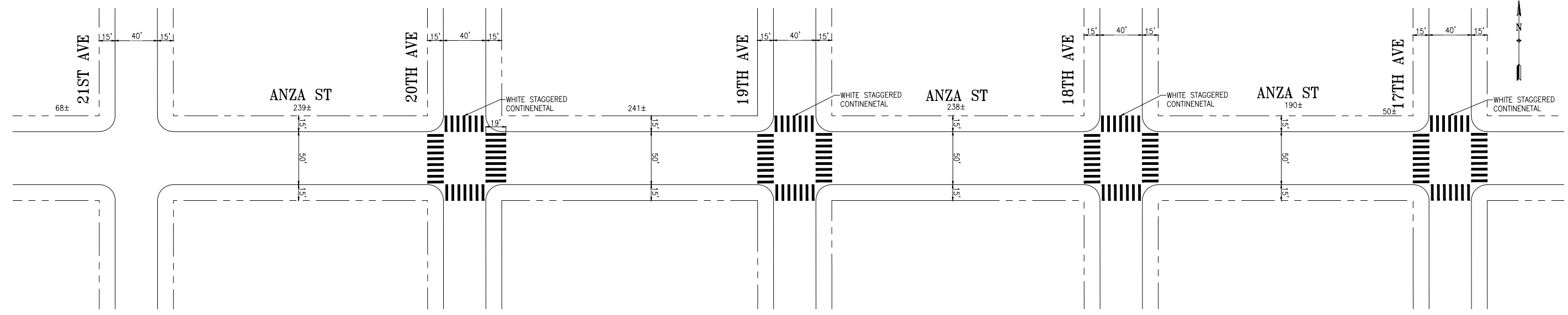
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ANZA STREET
30TH AVENUE TO MASONIC AVENUE

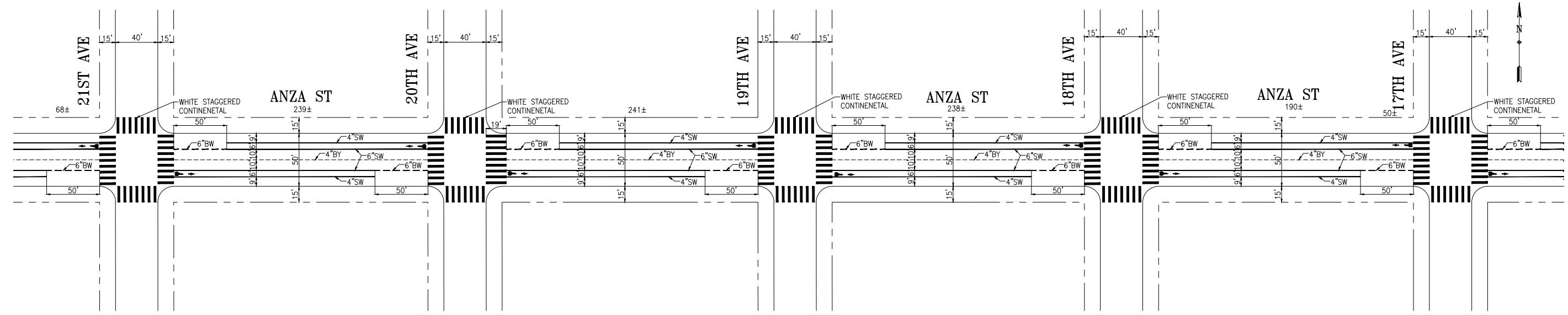
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REV. NO.
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CHECKED:	DATE:
A. UY	03/15/21

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MIKE SALLABERRY ###/###/##	1" = 50'
SENIOR ENGINEER	DATE:
RICARDO OLEA ###/###/##	SHEET/SHEETS:
CITY TRAFFIC ENGINEER	3

CONTRACT NO.
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FILE NO.
REV. NO.
DRAFT

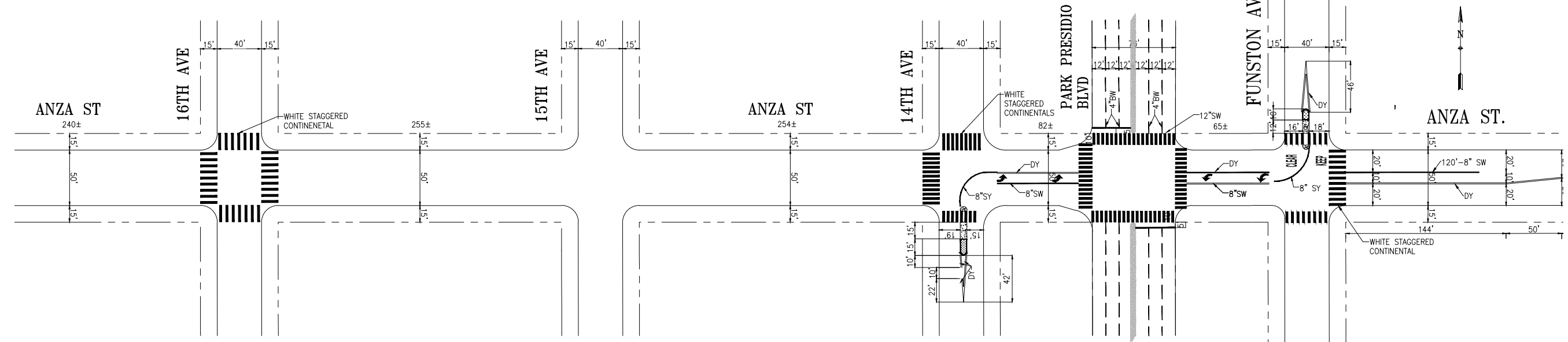
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ANZA STREET
30TH AVENUE TO MASONIC AVENUE

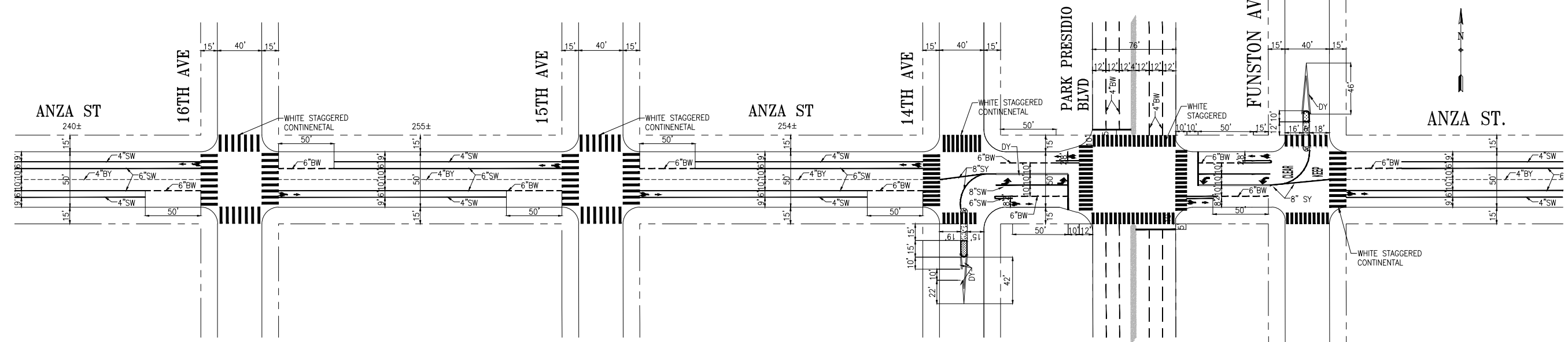
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FILE NO.
REV. NO.
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DATE: ---/---/---

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APPROVED

DRAWN: M. MANALO
 DATE: 03/15/21
 CHECKED: A. UY
 DATE: 03/15/21

MIKE SALLABERRY ###/###/##
 SENIOR ENGINEER
 RICARDO OLEA ###/###/##
 CITY TRAFFIC ENGINEER

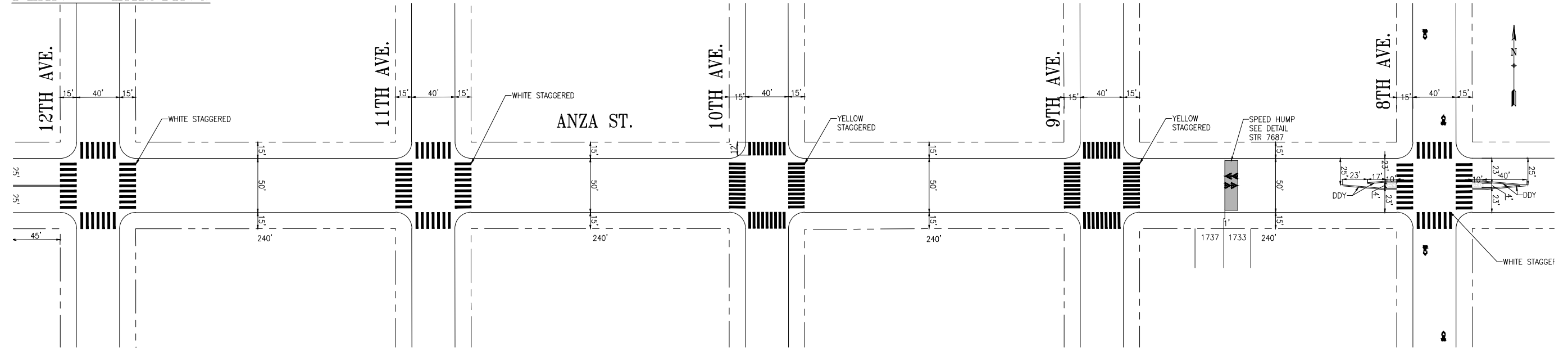
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 SHEET/SHEETS: 4

TRAFFIC STRIPING
 ANZA STREET
 30TH AVENUE TO MASONIC AVENUE

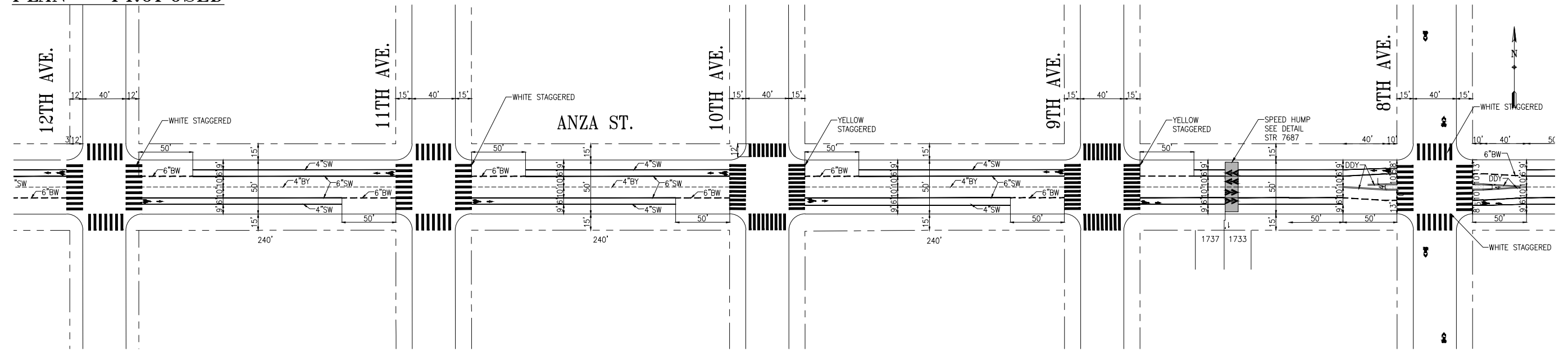
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 FILE NO.
 REV. NO. DRAFT

FILE NAME: ---
 DATE: ---

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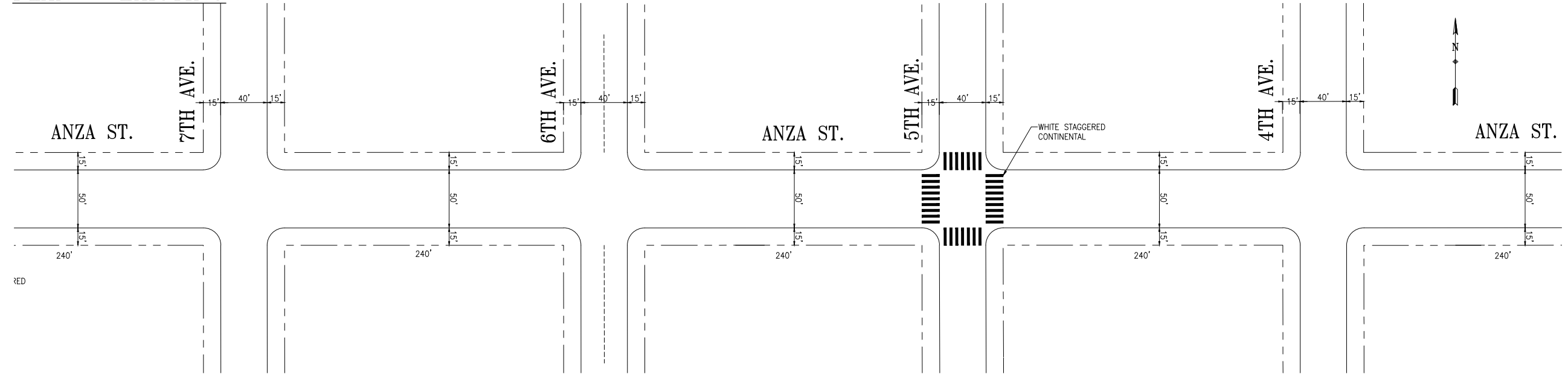
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MIKE SALLABERRY ###/###/## SENIOR ENGINEER	1" = 50'
DRAWN:	SHEET/SHEETS:
M. MANALO	5
CHECKED:	DATE:
A. UY	03/15/21
DATE:	DATE:
03/15/21	03/15/21
RICARDO OLEA ###/###/## CITY TRAFFIC ENGINEER	

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DRAWING NO. DRAFT
FILE NO.
REV. NO. DRAFT

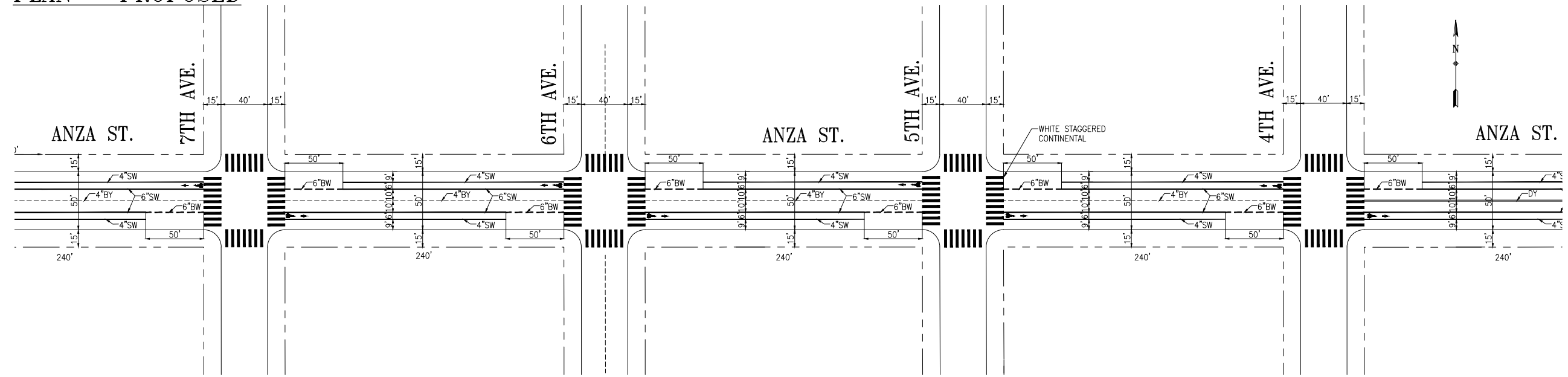
TRAFFIC STRIPING
ANZA STREET 30TH AVENUE TO MASONIC AVENUE

FILE NAME: ---
DATE: ---

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TABLE OF REVISIONS				
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APPROVED

DRAWN: M. MANALO
DATE: 03/15/21

CHECKED: A. UY
DATE: 03/15/21

MIKE SALLABERRY ###/###/##
SENIOR ENGINEER

RICARDO OLEA ###/###/##
CITY TRAFFIC ENGINEER

SCALE: 1" = 50'

SHEET/SHEETS: 6

TRAFFIC STRIPING

ANZA STREET
30TH AVENUE TO MASONIC AVENUE

CONTRACT NO.

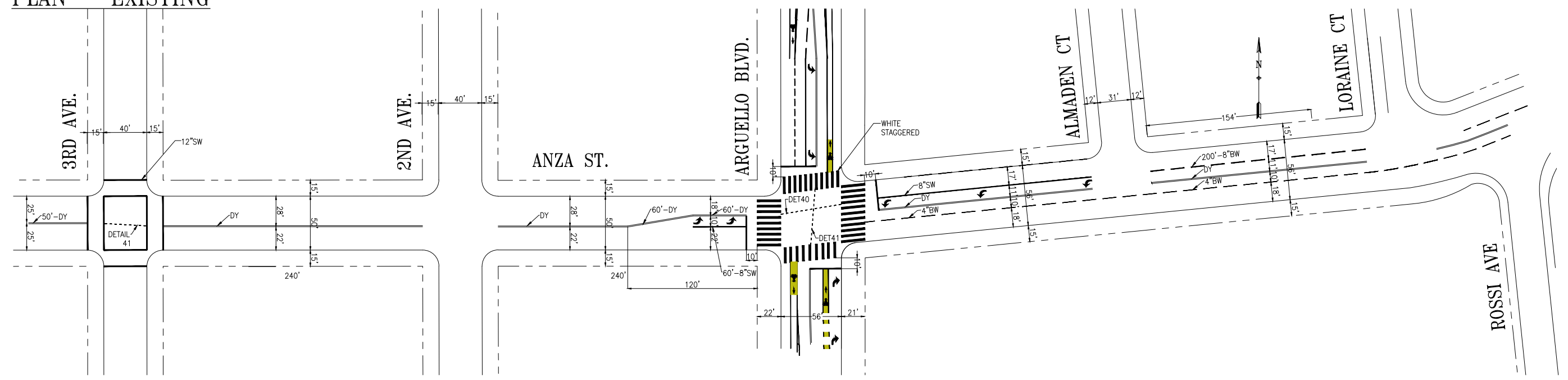
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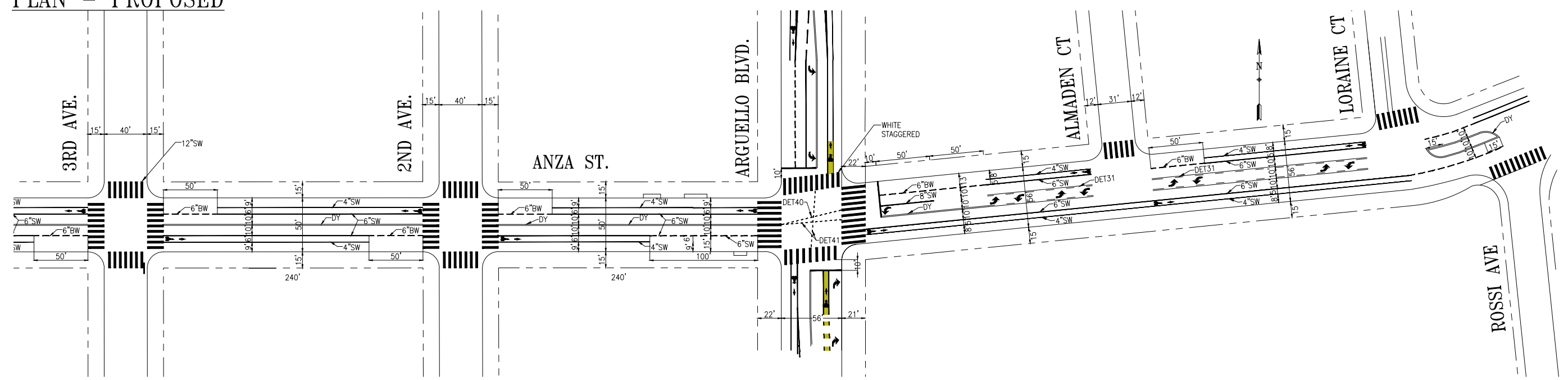
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FILE NAME: ---/---/---
DATE: ---/---/---

PLAN - EXISTING



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DRAWN: M. MANALO DATE: 03/15/21	CHECKED: A. UY DATE: 03/15/21
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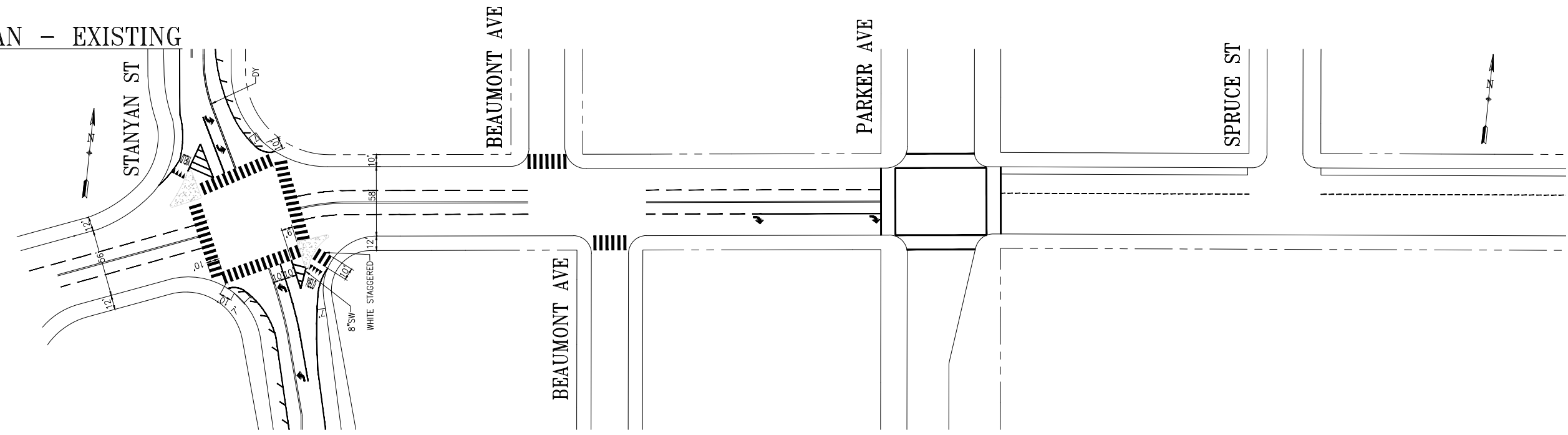
APPROVED MIKE SALLABERRY SENIOR ENGINEER DATE: ###/###/##	APPROVED RICARDO OLEA CITY TRAFFIC ENGINEER DATE: ###/###/##
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SCALE: 1" = 50' SHEET/SHEETS: 7	TRAFFIC STRIPING ANZA STREET 30TH AVENUE TO MASONIC AVENUE
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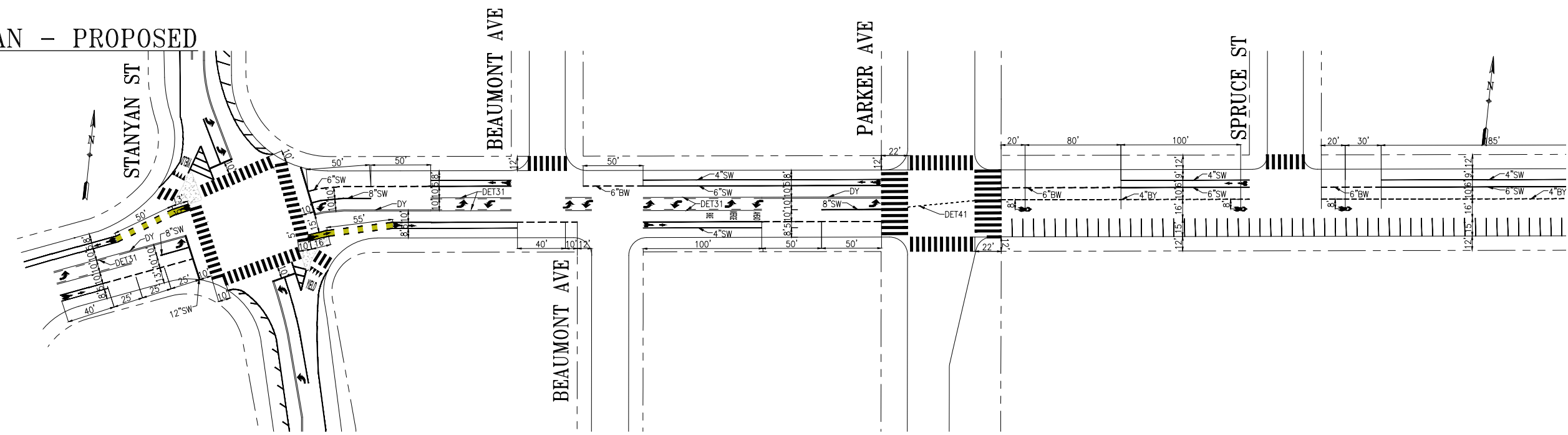
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FILE NAME: ---
DATE: ---

PLAN - EXISTING



PLAN - PROPOSED



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CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				



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APPROVED	SCALE:
MIKE SALLABERRY ###/###/## SENIOR ENGINEER	1" = 50'
RICARDO OLEA ###/###/## CITY TRAFFIC ENGINEER	SHEET/SHEETS:
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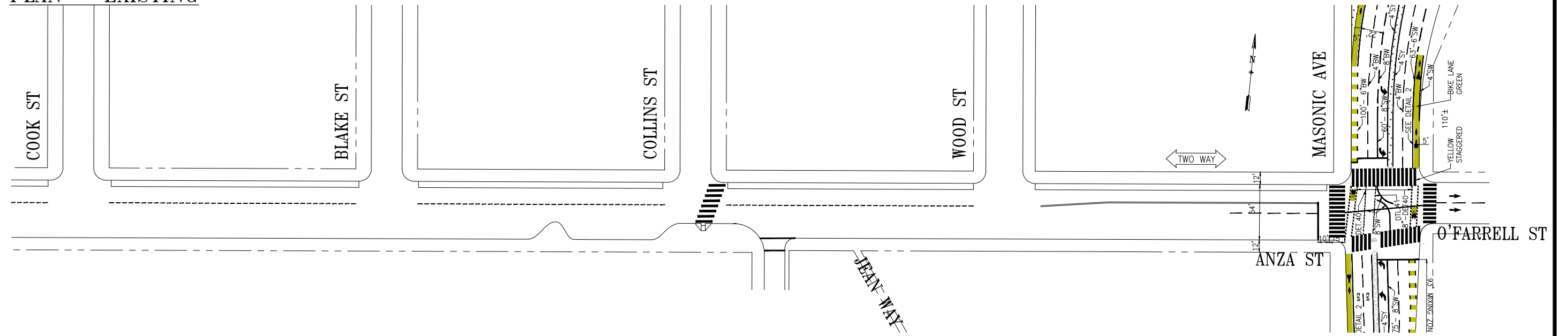
TRAFFIC STRIPING

ANZA STREET
30TH AVENUE TO MASONIC AVENUE

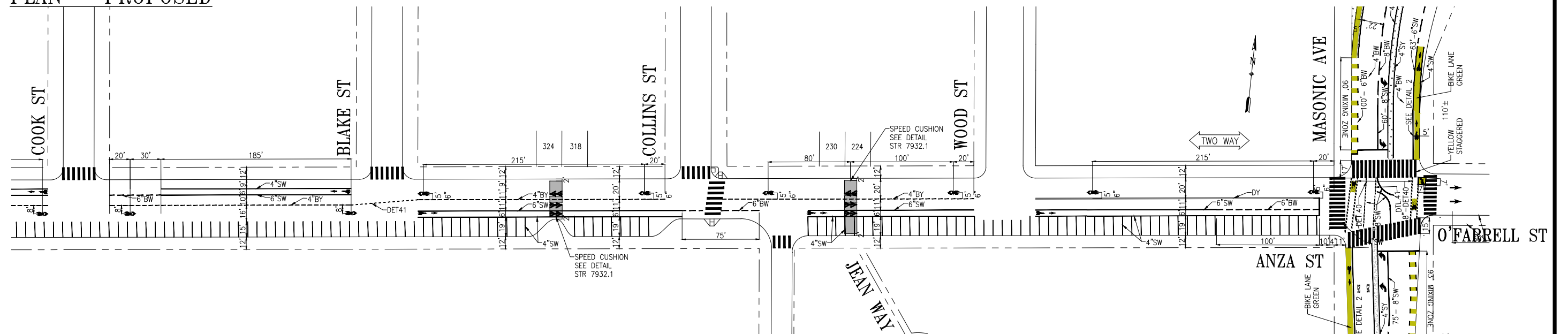
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CHECKED:	A. UY	DATE:	03/15/21

APPROVED:	MIKE SALLABERRY	DATE:	03/15/21
APPROVED:	RICARDO OLEA	DATE:	03/15/21

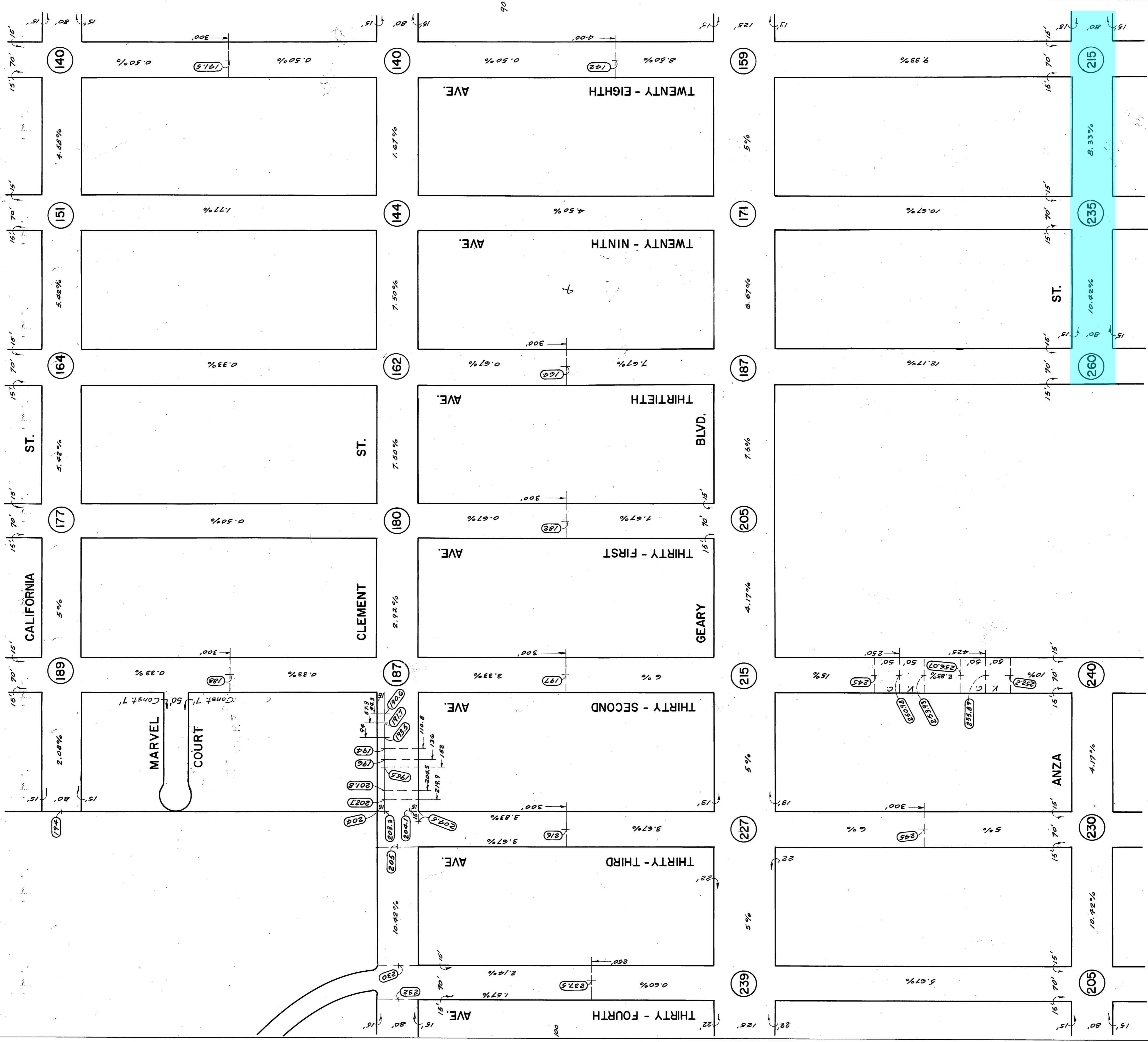
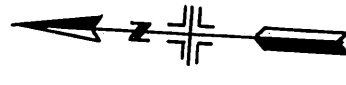
SCALE:	1" = 50'
SHEET/SHEETS:	9
TRAFFIC STRIPING	
ANZA STREET 30TH AVENUE TO MASONIC AVENUE	

CONTRACT NO.	
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FILE NO.	
REV. NO.	DRAFT

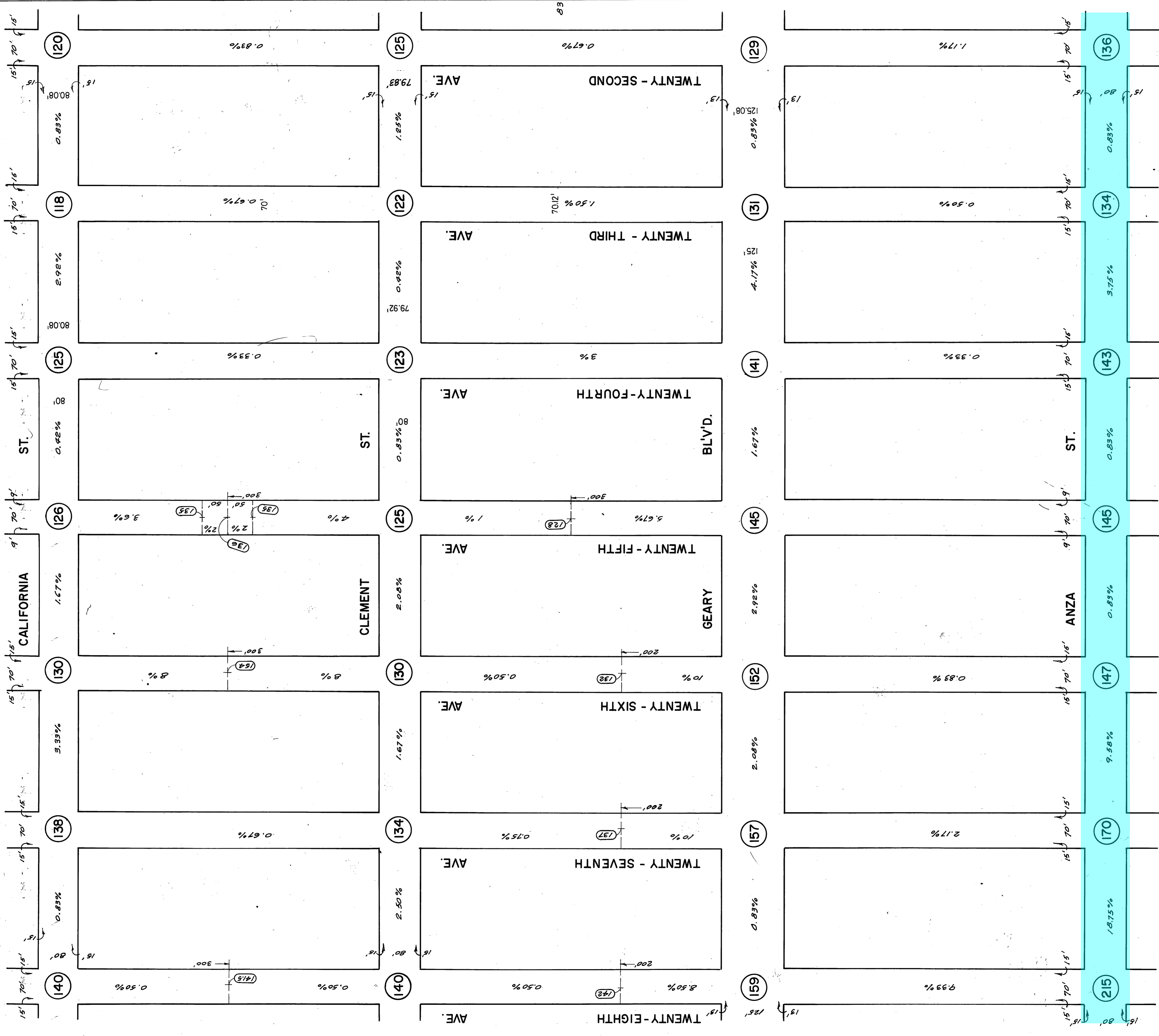
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DATE: ---

Redrawn & Revised; Feb. 17, 1971, S.J.
Checked; Feb. 26, 1971, M.E.C.

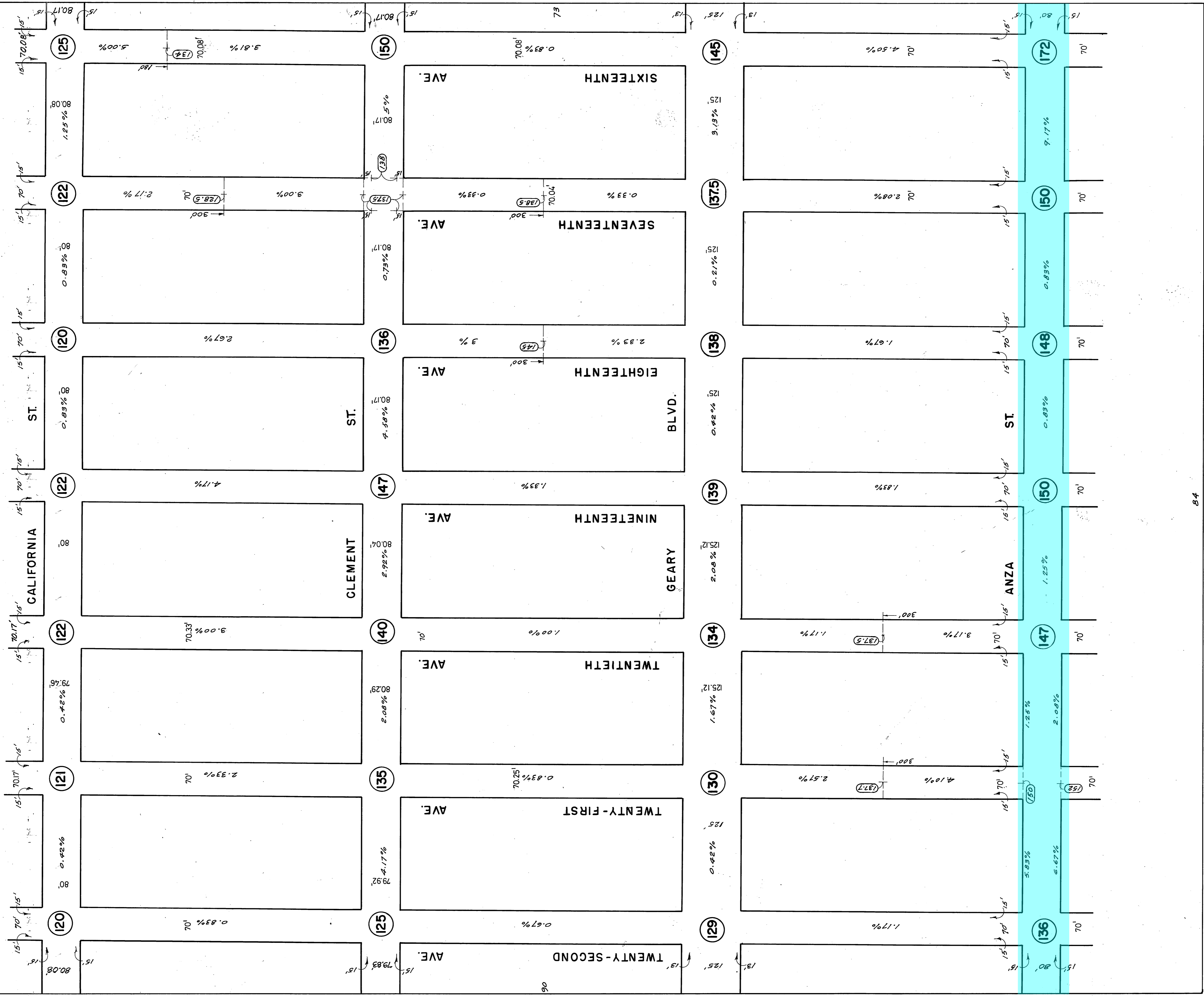
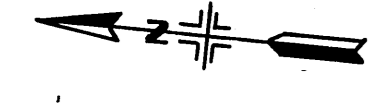
Revised	Checked
Aug, 1978	Aug, 1978
G.C.	R.D.



Redrawn & Revised: Feb. 23, 1971, S.J.T.
Checked: Feb. 26, 1971, M.E.C.
Revised Various St. Widths, J.M. 1989-NELR.

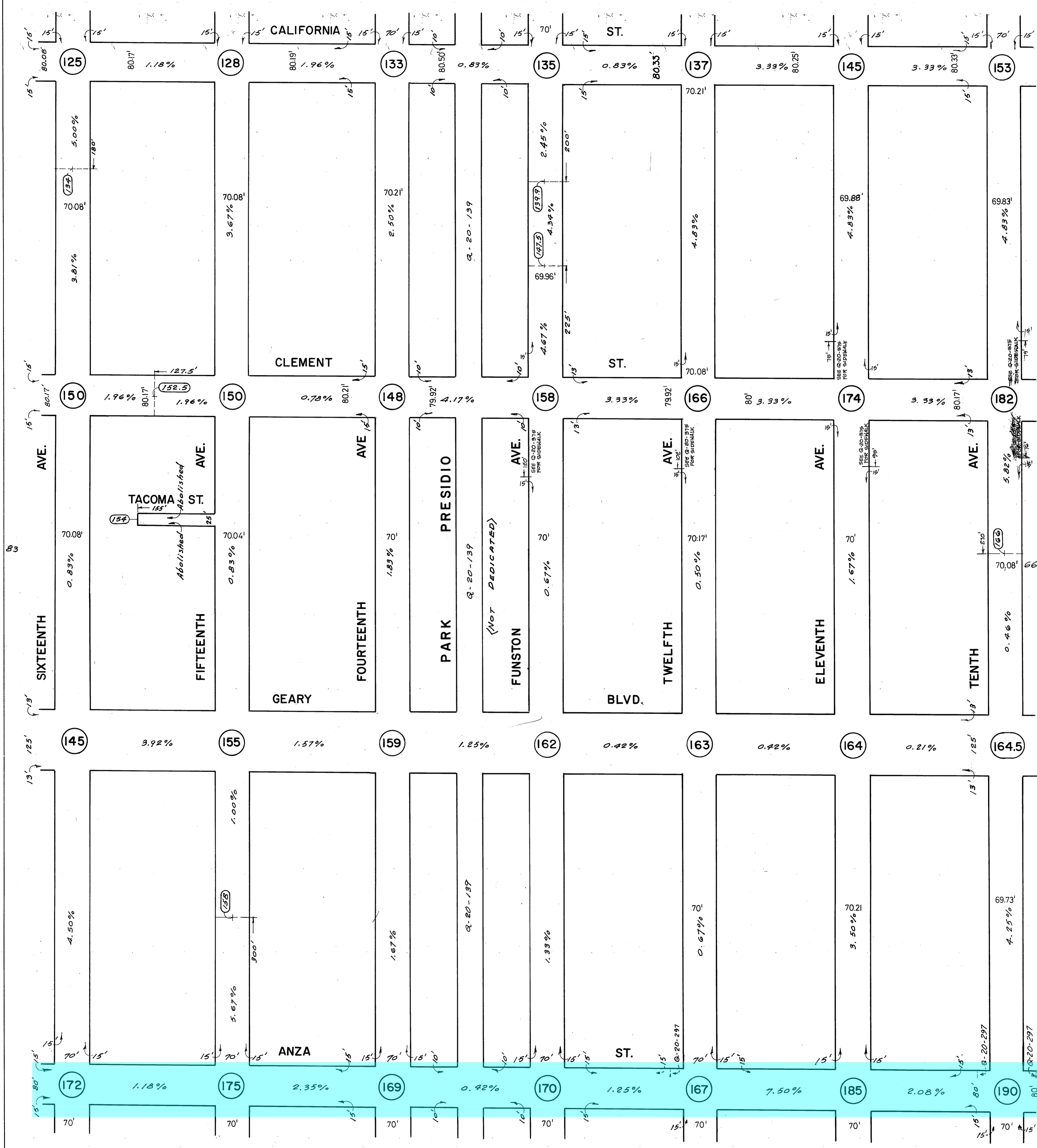


Redrawn + Revised: March 17, 1978 S.A.
Checked: June 11, 1977 J.C.
Revised Various Street Widths, JAN. 1969 - N.H.R.

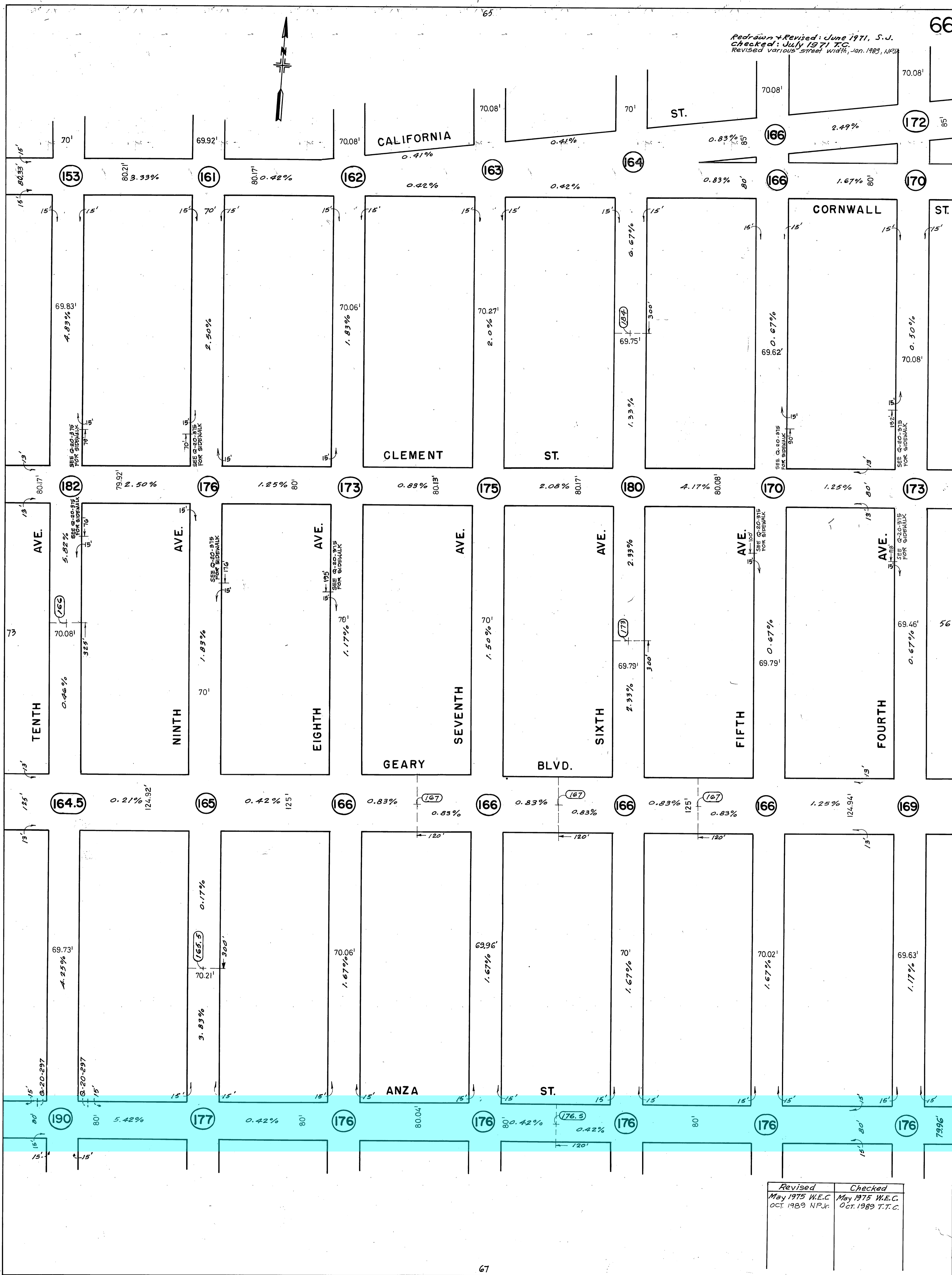


Revised May 1975 W.E.C. Revised Various St. Widths N.P.R. Jan. 1989	Checked May 1975 W.E.C. Jan. 1989 J.G.
---------------------------------------------------------------------------------	----------------------------------------------

Redrawn & Revised: May 1971, S.J.
Checked: June 1970, T.C.



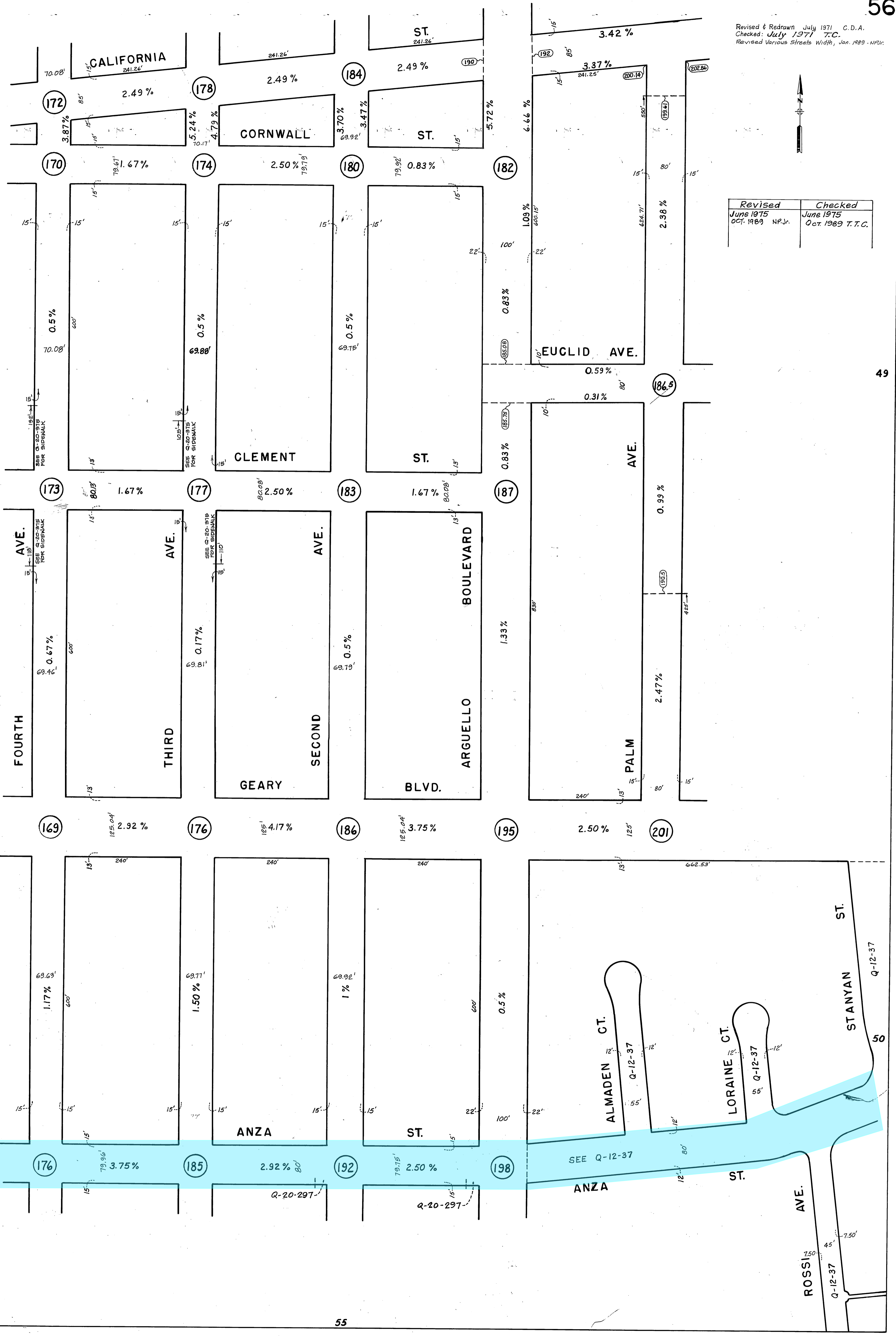
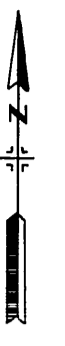
Redrawn & Revised: June 1971, S.J.
Checked: July 1971 T.C.
Revised various street widths, Jan. 1989, NPJr



Revised	Checked
May 1975 W.E.C.	May 1975 W.E.C.
Oct. 1989 NPJr	Oct. 1989 T.T.C.

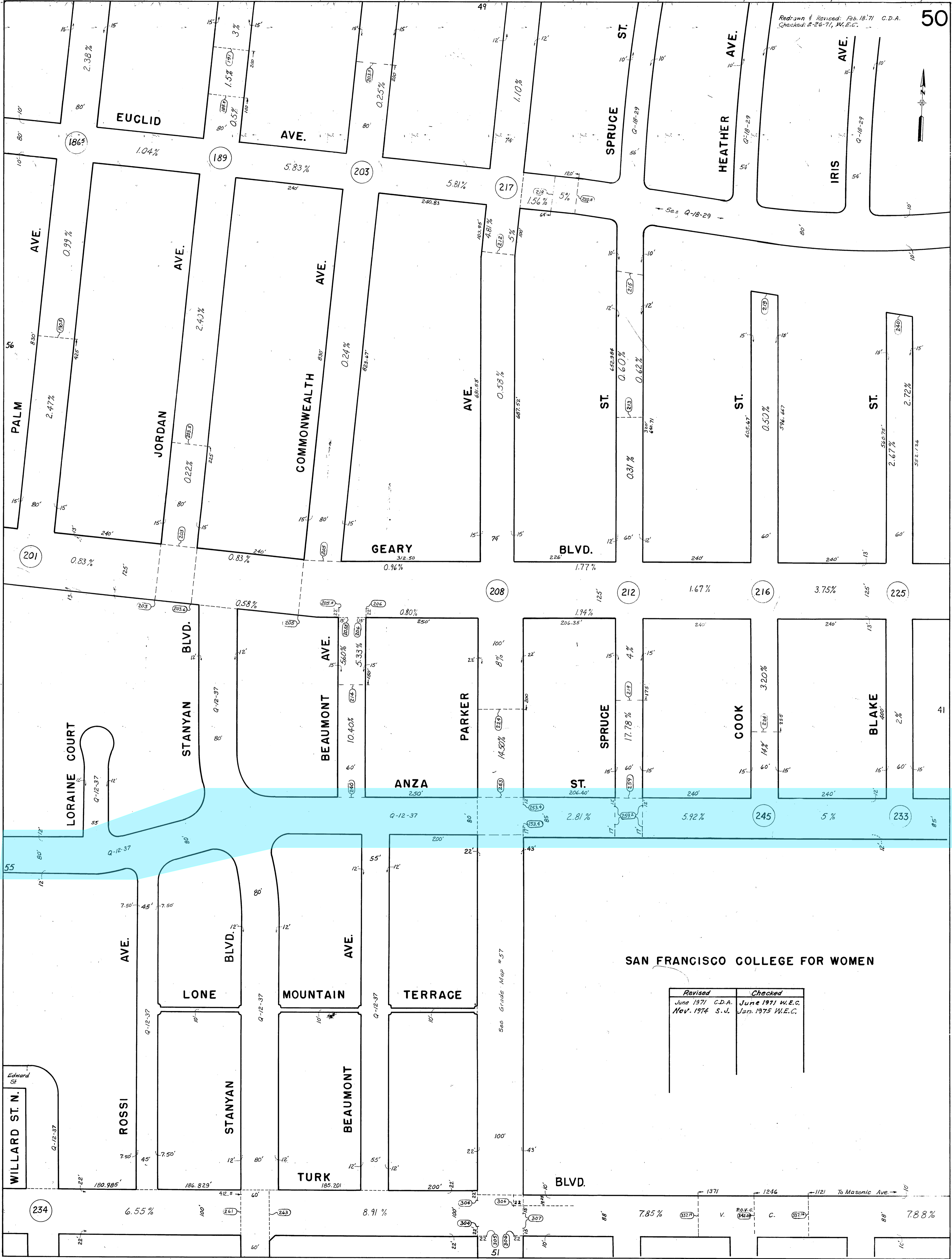
Revised & Redrawn July 1971 C.D.A.
Checked: July 1971 T.C.
Revised Various Streets Width, Jan. 1989 - N.P.Jr.

Revised	Checked
June 1975 Oct. 1989 N.P.Jr.	June 1975 Oct. 1989 T.T.C.



66

49



SAN FRANCISCO COLLEGE FOR WOMEN

Revised	Checked
June 1971 C.D.A.	June 1971 W.E.C.
Nov. 1974 S.J.	Jan. 1975 W.E.C.

1371 1246 1121 To Masonic Ave. →
 7.85% 88' 88' 7.88% 88' 12'

Edward St

See Grade Map # 57

41

55

234

245

233

208

212

216

225

203

217

186

189

201

253

257

254

252

304

307

308

309

Willard St. N.

Palm Ave.

Euclid Ave.

Ave.

Jordan Ave.

Commonwealth Ave.

Geary Blvd.

Blvd.

St.

St.

St.

Heather Ave.

Irish Ave.

Spruce St.

Lorraine Court

Stanyan Blvd.

Beaumont Ave.

Parker

Anza

Spruce St.

Cook

Blake

Ave.

Blvd.

Ave.

Lone

Mountain

Terrace

Beaumont

Turk

Blvd.

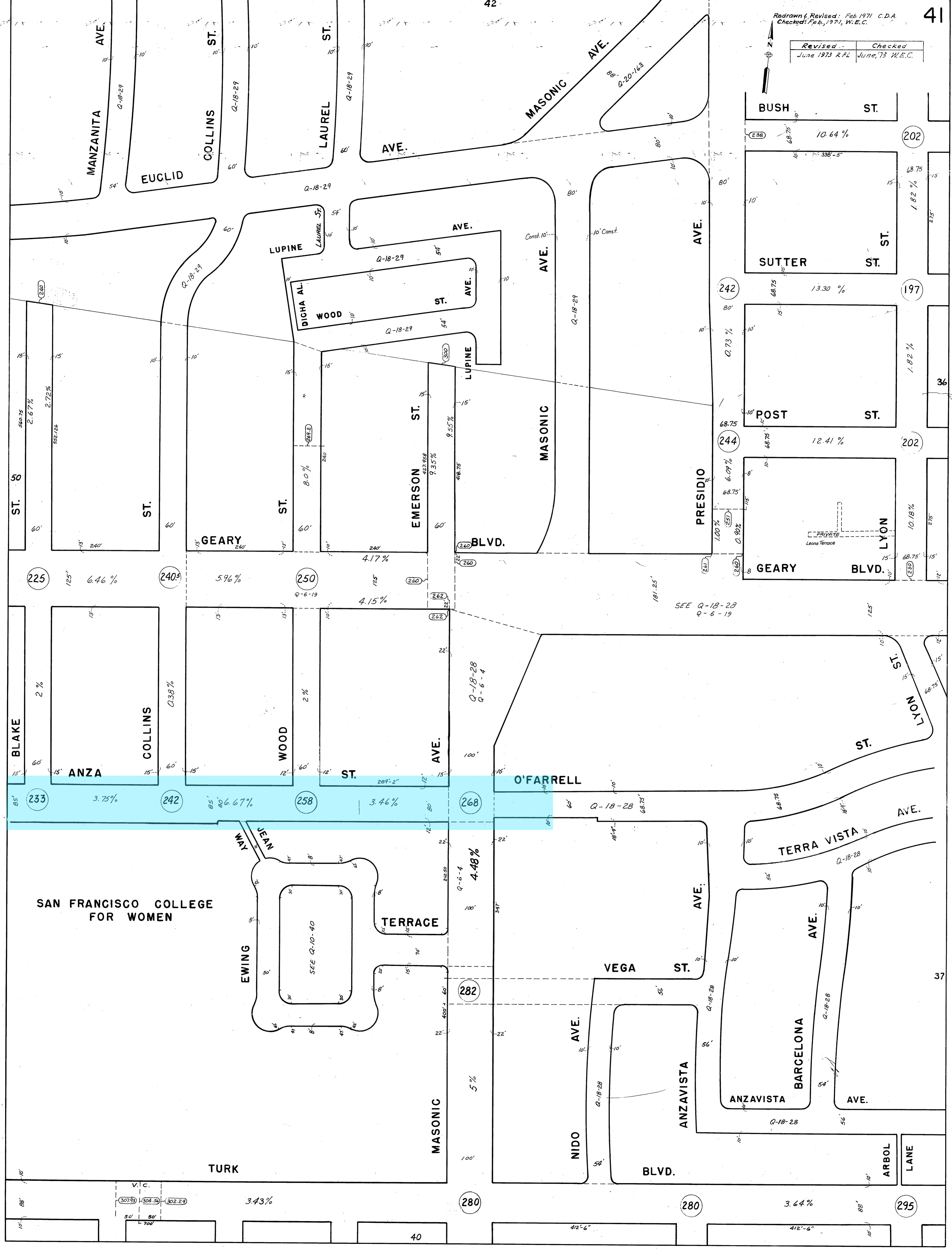
Rossi

Stanyan

Willard St. N.

Redrawn & Revised: Feb 1971 C.D.A.
Checked: Feb, 1971, W.E.C.

Revised	Checked
June 1973 R.F.I.	June, '73 W.E.C.



ST. 58

MANZANITA AVE.

COLLINS ST.

LAUREL ST.

MASONIC AVE.

BUSH ST.

SUTTER ST.

POST ST.

GEARY BLVD.

LYON ST.

ST. 58

ST.

GEARY

ST.

EMERSON ST.

BLVD.

MASONIC

PRESIDIO

BLAKE

COLLINS

WOOD

AVE.

O'FARRELL

ST.

233

242

258

268

SAN FRANCISCO COLLEGE FOR WOMEN

JEAN WAY

TERRACE

VEGA ST.

TERRA VISTA AVE.

TURK

MASONIC

NIDO AVE.

BLVD.

ANZAVISTA

ANZAVISTA

BARCELONA AVE.

ARBOL LANE

307.5 304.5 302.29

40

280

280

295

SEE Q-18-28
Q-6-19

PRIVATE
Leona Terrace

36

37

202

197

202

202

268

282

295

30th Ave - Arguello Blvd

EXISTING
LOOKING EAST



15'
Sidewalk

8'
Parking lane

17'
Drive lane

17'
Drive lane

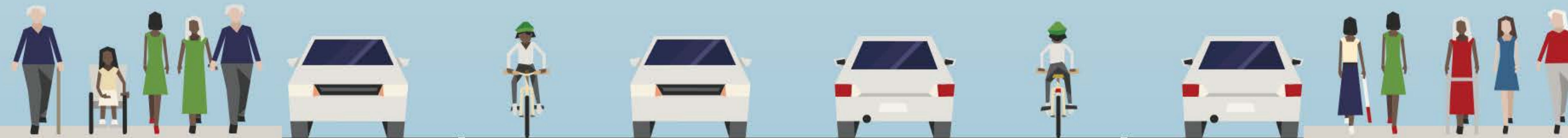
8'
Parking lane

15'
Sidewalk

Made with **Streetmix**

30th Ave - Arguello Blvd

PROPOSED
LOOKING EAST



15'
Sidewalk

9'
Parking lane

6'
Bike lane

10'
Drive lane

10'
Drive lane

6'
Bike lane

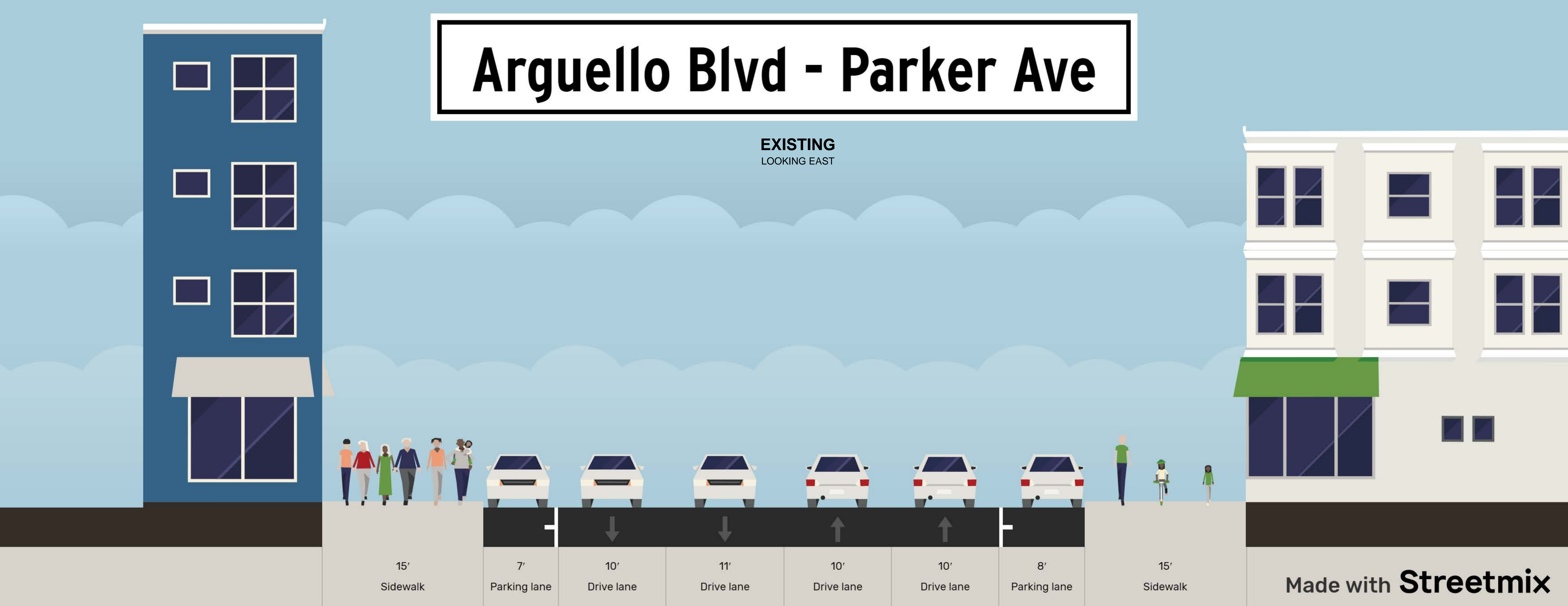
9'
Parking lane

15'
Sidewalk

Made with **Streetmix**

Arguello Blvd - Parker Ave

EXISTING
LOOKING EAST



Arguello Blvd - Parker Ave

PROPOSED
LOOKING EAST



15'
Sidewalk

8'
Parking lane

5'

10'
Drive lane

10'
Center turn lane

10'
Drive lane

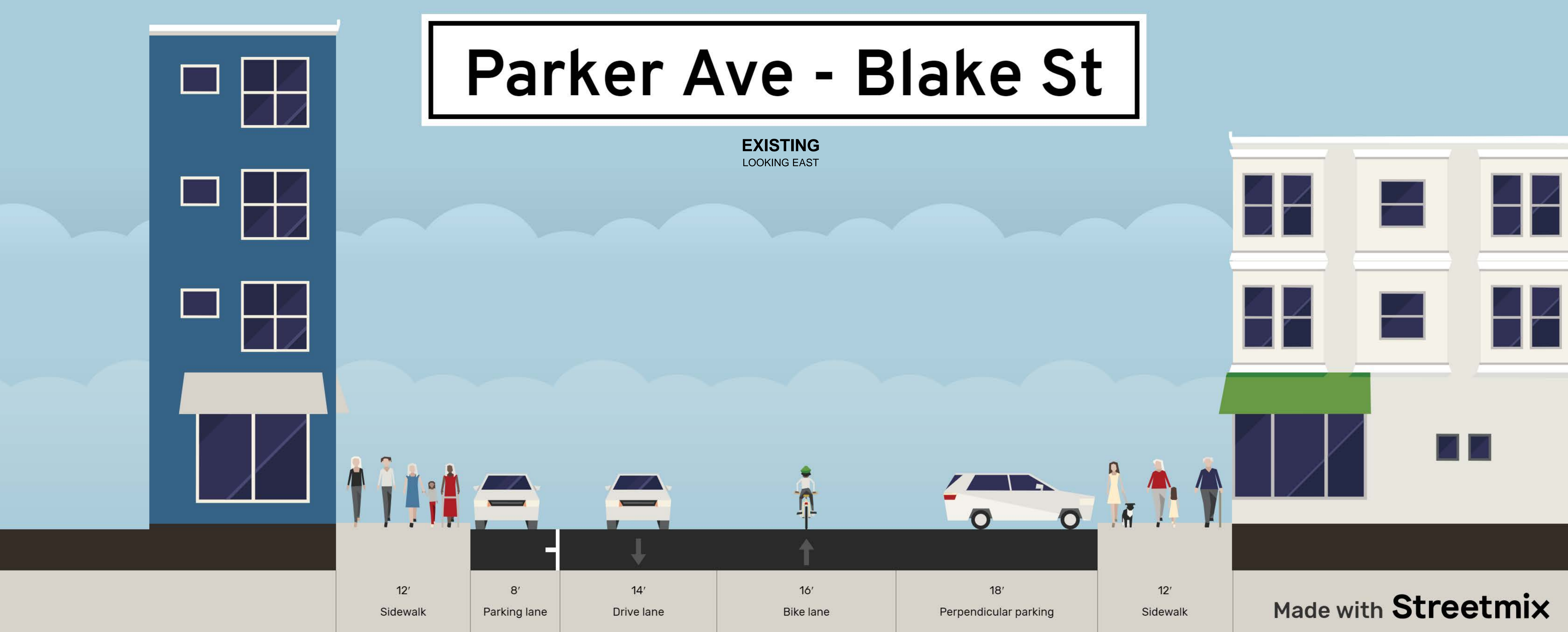
5'

8'
Parking lane

15'
Sidewalk

Parker Ave - Blake St

EXISTING
LOOKING EAST



12'
Sidewalk

8'
Parking lane

14'
Drive lane

16'
Bike lane

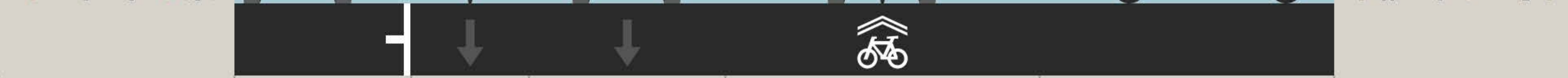
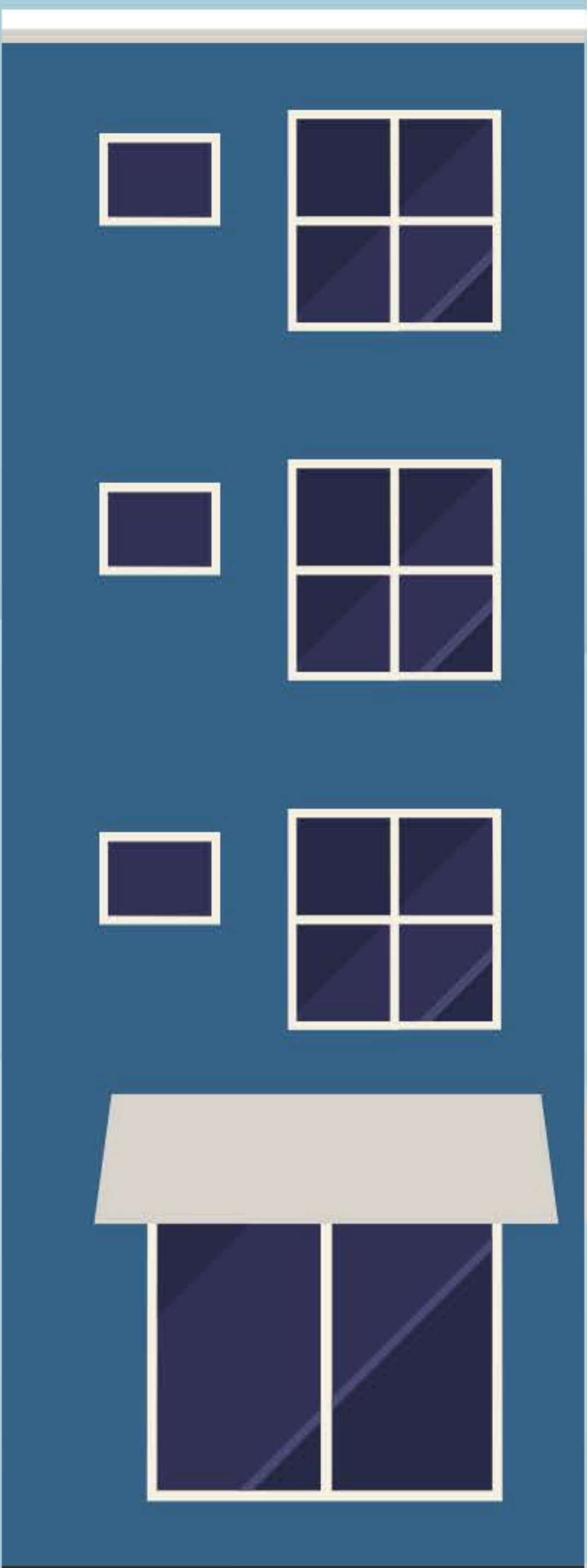
18'
Perpendicular parking

12'
Sidewalk

Made with **Streetmix**

Parker Ave - Blake St

PROPOSED
LOOKING EAST



12'
Sidewalk

9'
Parking lane

6'
Bike lane

10'
Drive lane

16'
Sharrow

15'
Perpendicular parking

12'
Sidewalk

Made with **Streetmix**

Blake St - Masonic Ave

EXISTING
LOOKING EAST



12'
Sidewalk

8'
Parking lane

14'
Drive lane

16'
Bike lane

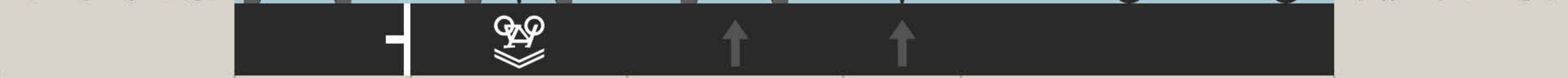
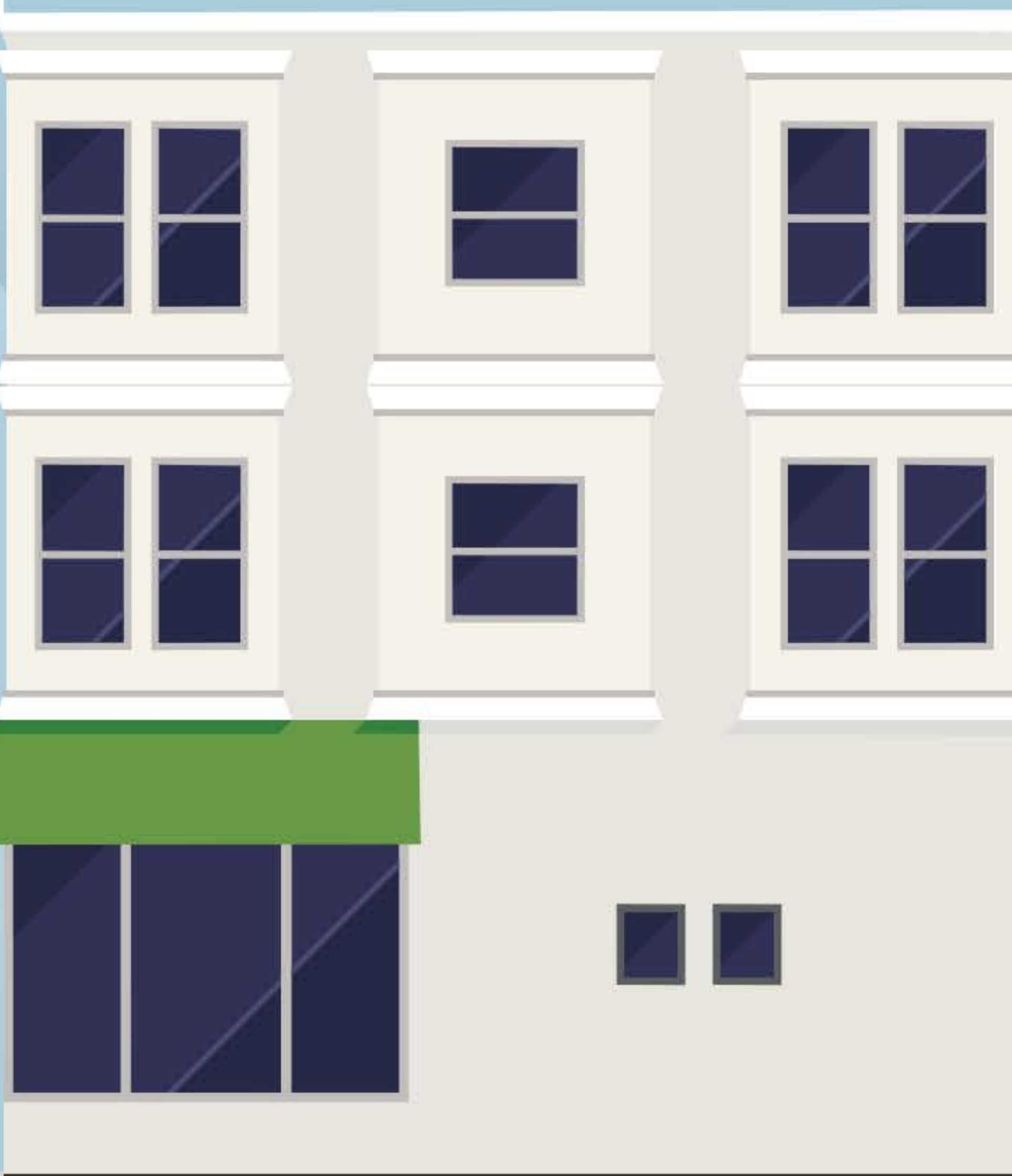
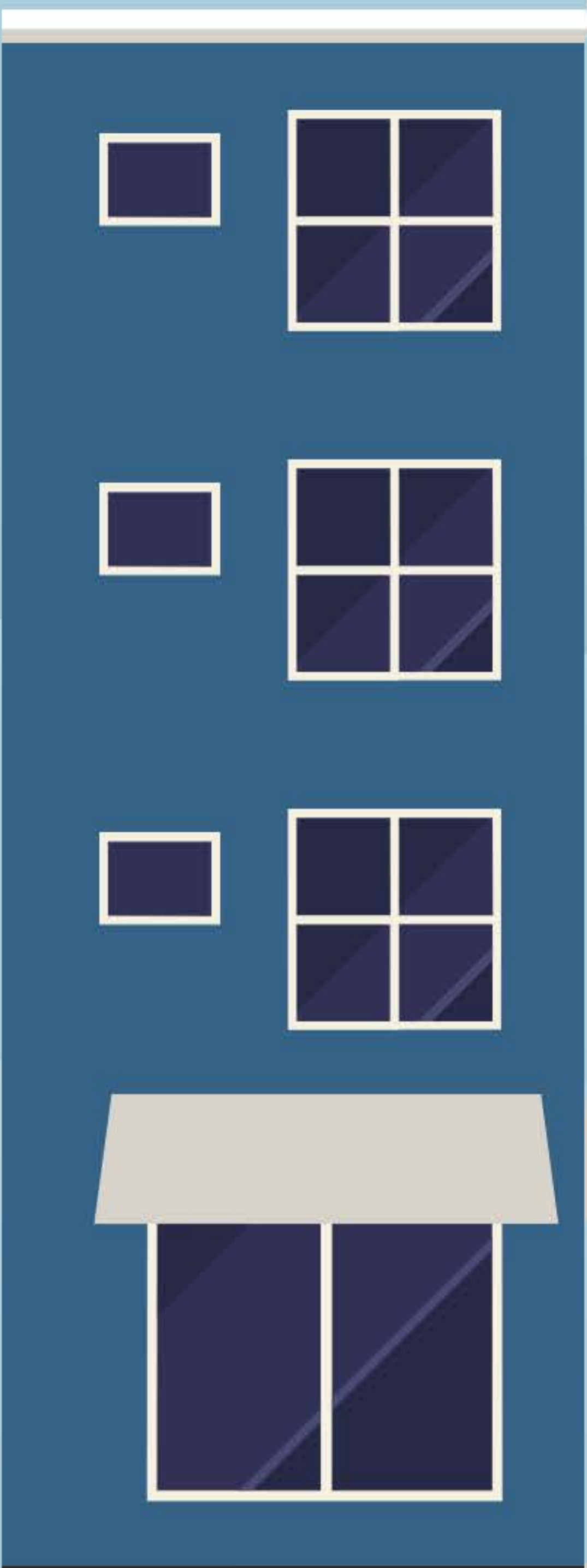
18'
Perpendicular parking

12'
Sidewalk

Made with **Streetmix**

Blake St - Masonic Ave

PROPOSED
LOOKING EAST



12'
Sidewalk

9'
Parking lane

11'
Sharrow

11'
Drive lane

6'
Bike lane

19'
Perpendicular parking

12'
Sidewalk

Made with **Streetmix**



30th Ave

29th Ave

29th Ave

28th Ave

28th Ave

Anza St

Anza St

Anza St





28th Ave

28th Ave

Anza St

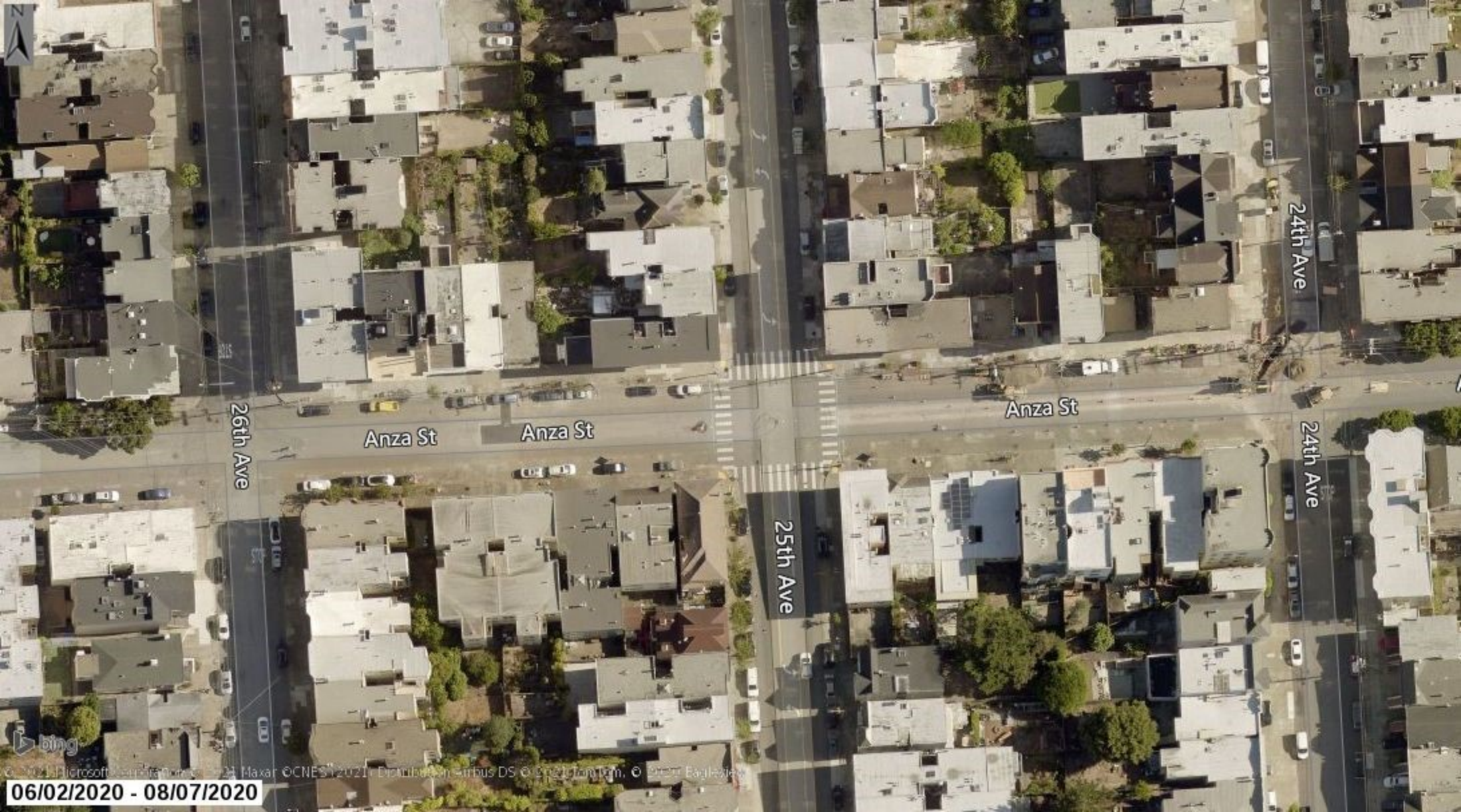
Anza St

Anza St

27th Ave

26th Ave

Anza



24th Ave

Anza St

24th Ave

25th Ave

Anza St

Anza St

26th Ave





24th Ave

23rd Ave

Anza St

Anza St

Anza St

24th Ave

23rd Ave

22nd Ave





Anza St

21st Ave

Anza St

20th Ave

20th Ave

21st Ave

22nd Ave

06/02/2020 - 08/07/2020

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20th Ave

Anza St

19th Ave

Anza St

20th Ave

19th Ave

18th Ave



Ave

Anza St

Anza St

Anza St

Anza St

17th Ave

17th Ave

16th Ave

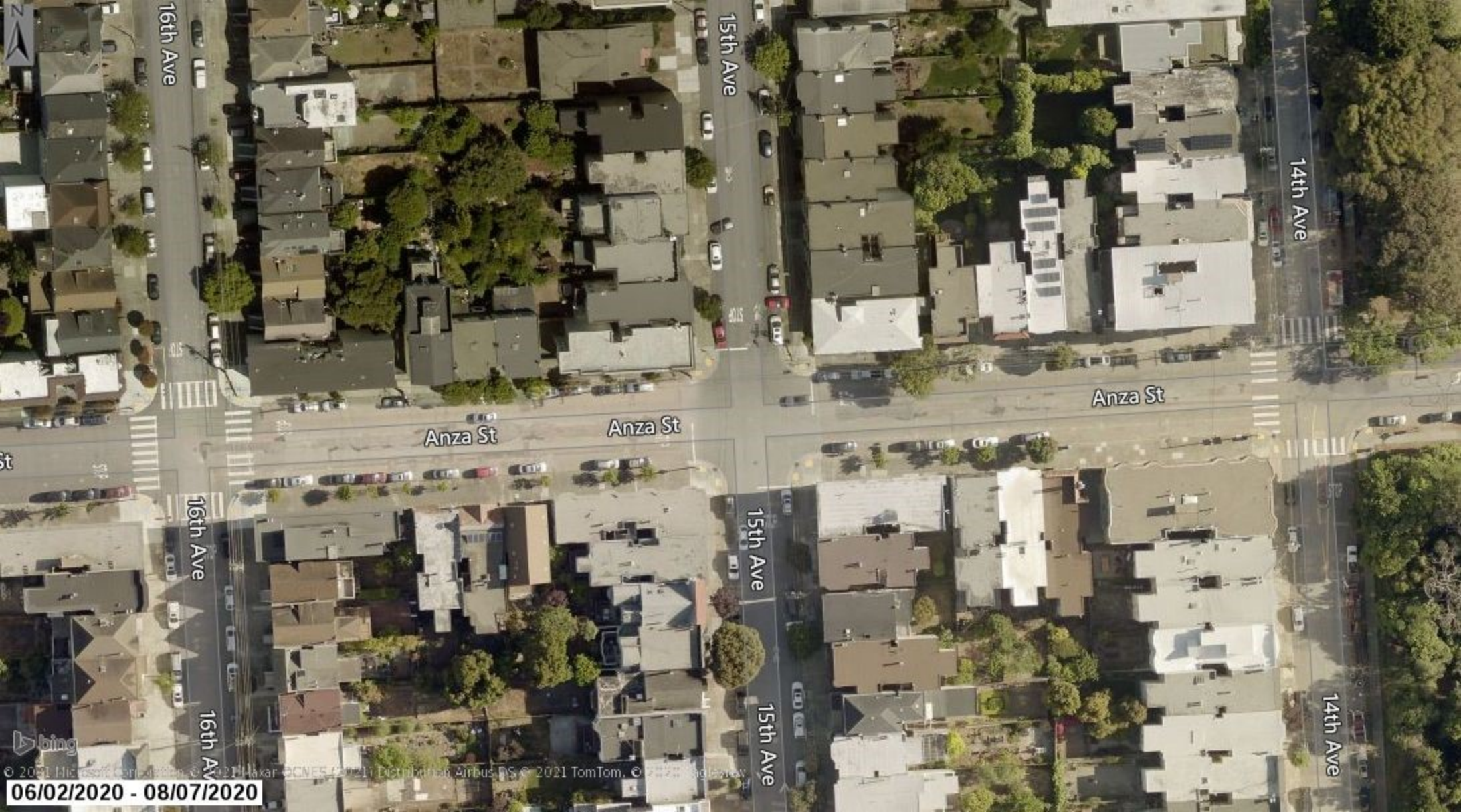
16th Ave

18th Ave

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06/02/2020 - 08/07/2020



16th Ave

15th Ave

14th Ave

Anza St

Anza St

Anza St

16th Ave

15th Ave

14th Ave

16th Ave

15th Ave





1

Park Presidio Blvd

Canaan Lutheran Church

Funston Ave

12th Ave

Anza St

Anza St

12th Ave

12th Ave

14th Ave

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06/02/2020 - 08/07/2020



12th Ave

11th Ave

10th Ave

Anza St

Anza St

Anza St

12th Ave

11th Ave





Zion Lutheran School

10th Ave

10th Ave

9th Ave

8th Ave

8th Ave

Anza St

Anza St

Anza St

Anza St

9th Ave

8th Ave



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8th Ave

7th Ave

6th Ave

Pedro Arrupe Hall

8th Ave

7th Ave

Anza St

Anza St

Anza St

Anza St

5th Ave

4th Ave

8th Ave

7th Ave

3rd Ave

2nd Ave





Pedro Arrupe Hall

6th Ave

5th Ave

4th Ave

Anza St

Anza St

Anza St





Anza St

4th Ave

Anza St

3rd Ave

3rd Ave

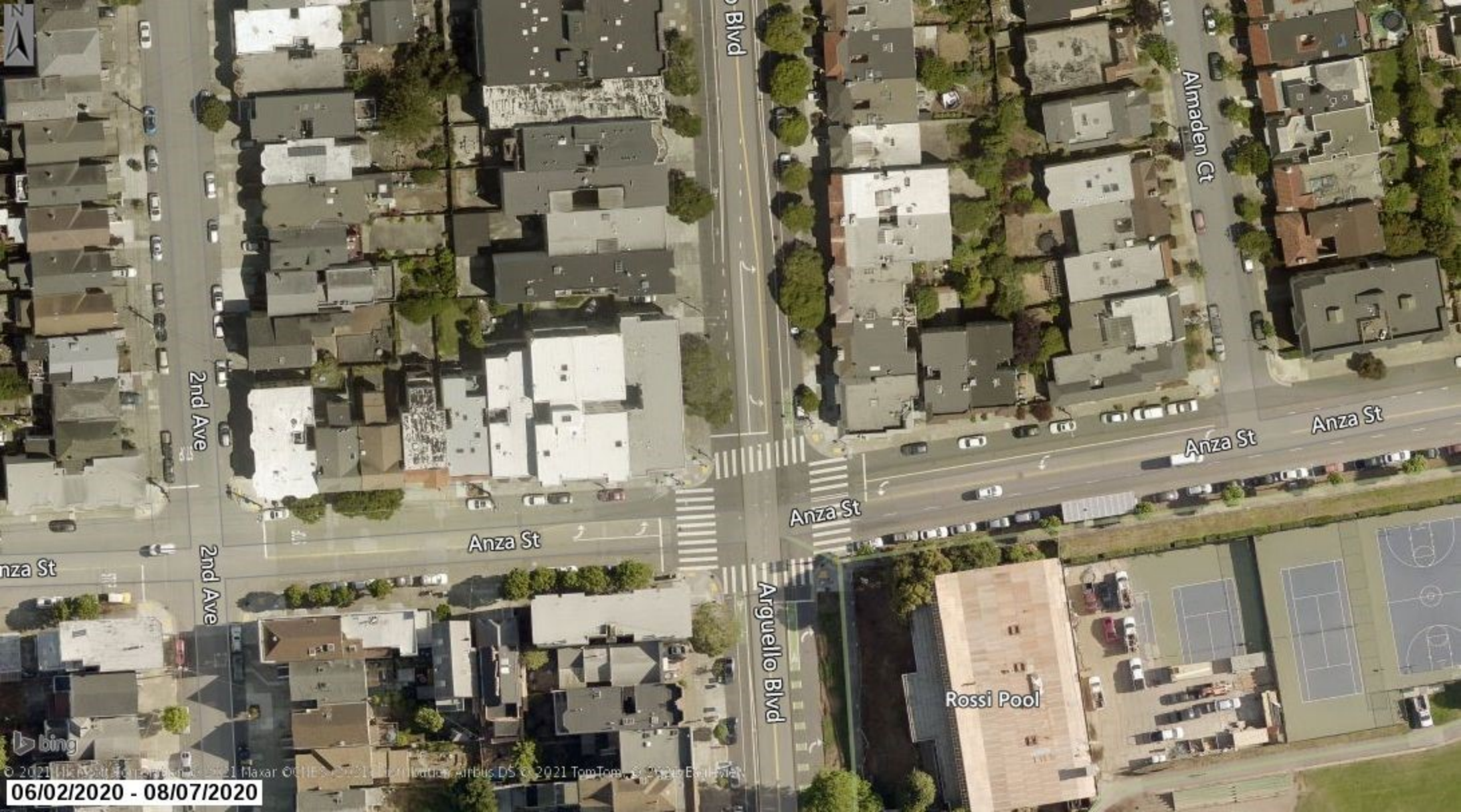
Anza St

Anza St

2nd Ave

2nd Ave





Blvd

Almaden Ct

2nd Ave

2nd Ave

Anza St

Anza St

Anza St

Anza St

Arguello Blvd

Rossi Pool



Almaden Ct

Loraine Ct

Stanyan St

Anza St

Anza St

Rossi Ave

Rossi Ave

Anza St

Anza St

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06/02/2020 - 08/07/2020



Stanya St

Beaumont Ave

Anza St

Parker Ave

Anza St

Anza St

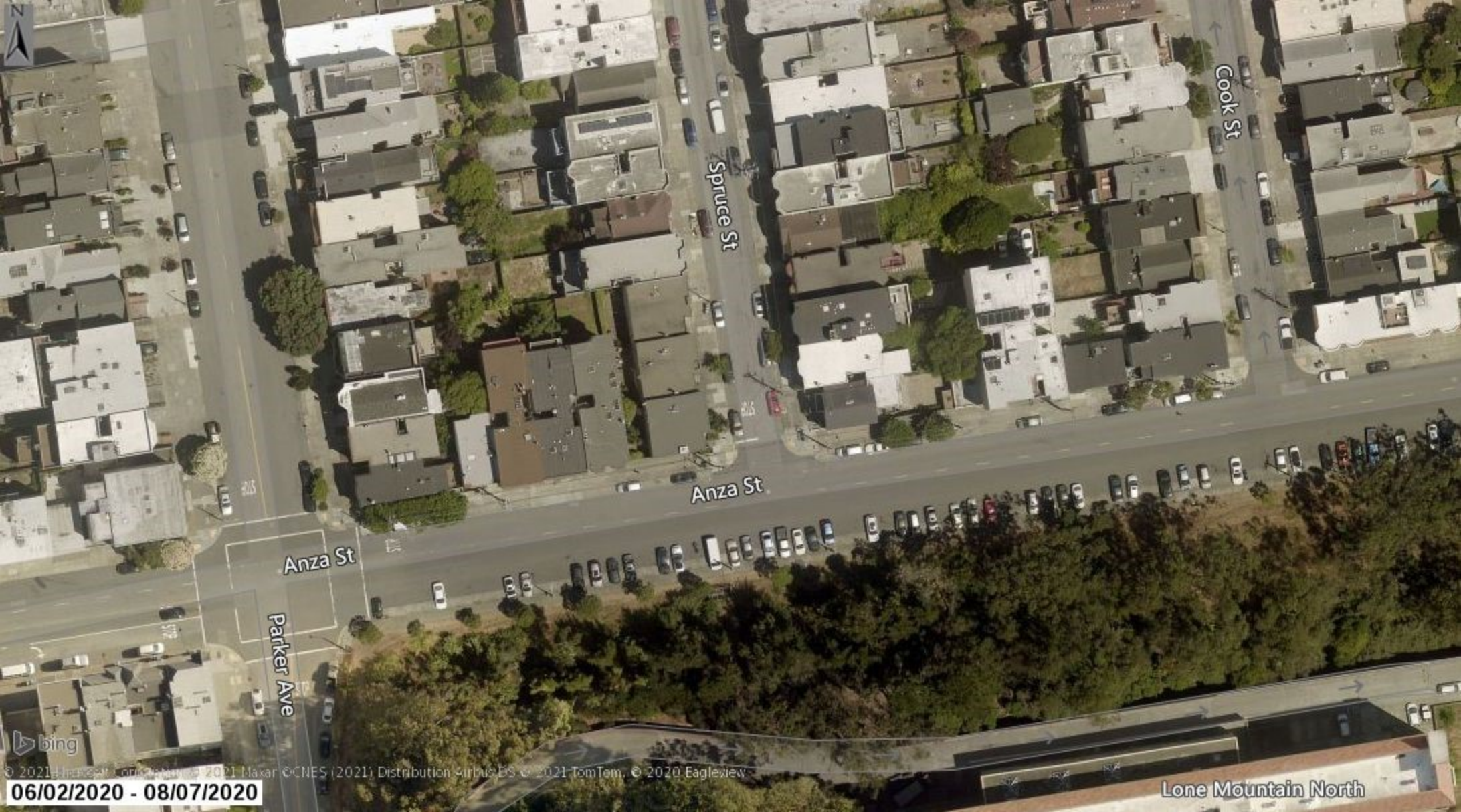
Beaumont Ave

Anza St

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06/02/2020 - 08/07/2020





Cook St

Blake St

Anza St

Anza St

Anza St

Loyola Village Building B

Loyola Village Building A





Collins St

Wood St

Masonic Ave

Anza St

Anza St






Anza St

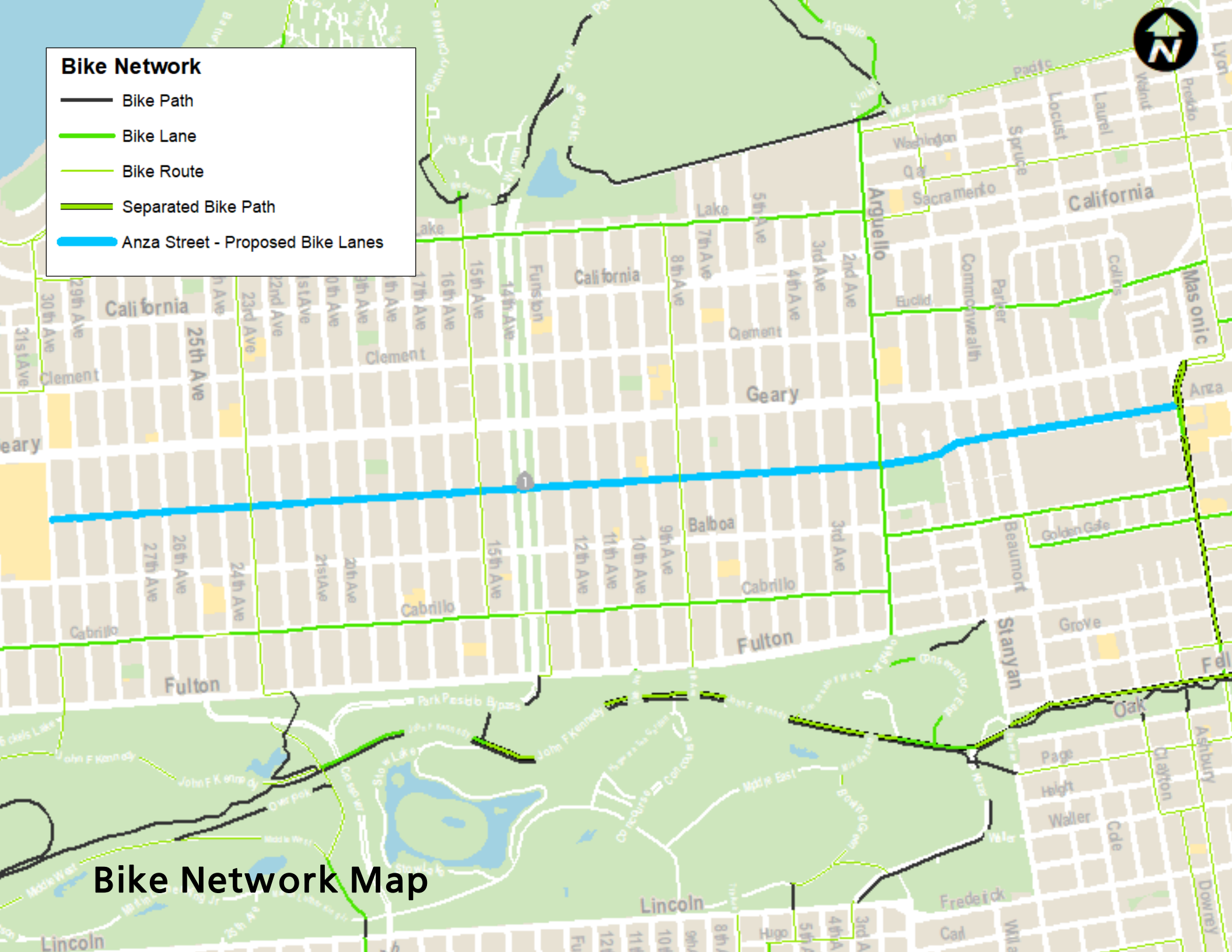
Anza St

Jean Way

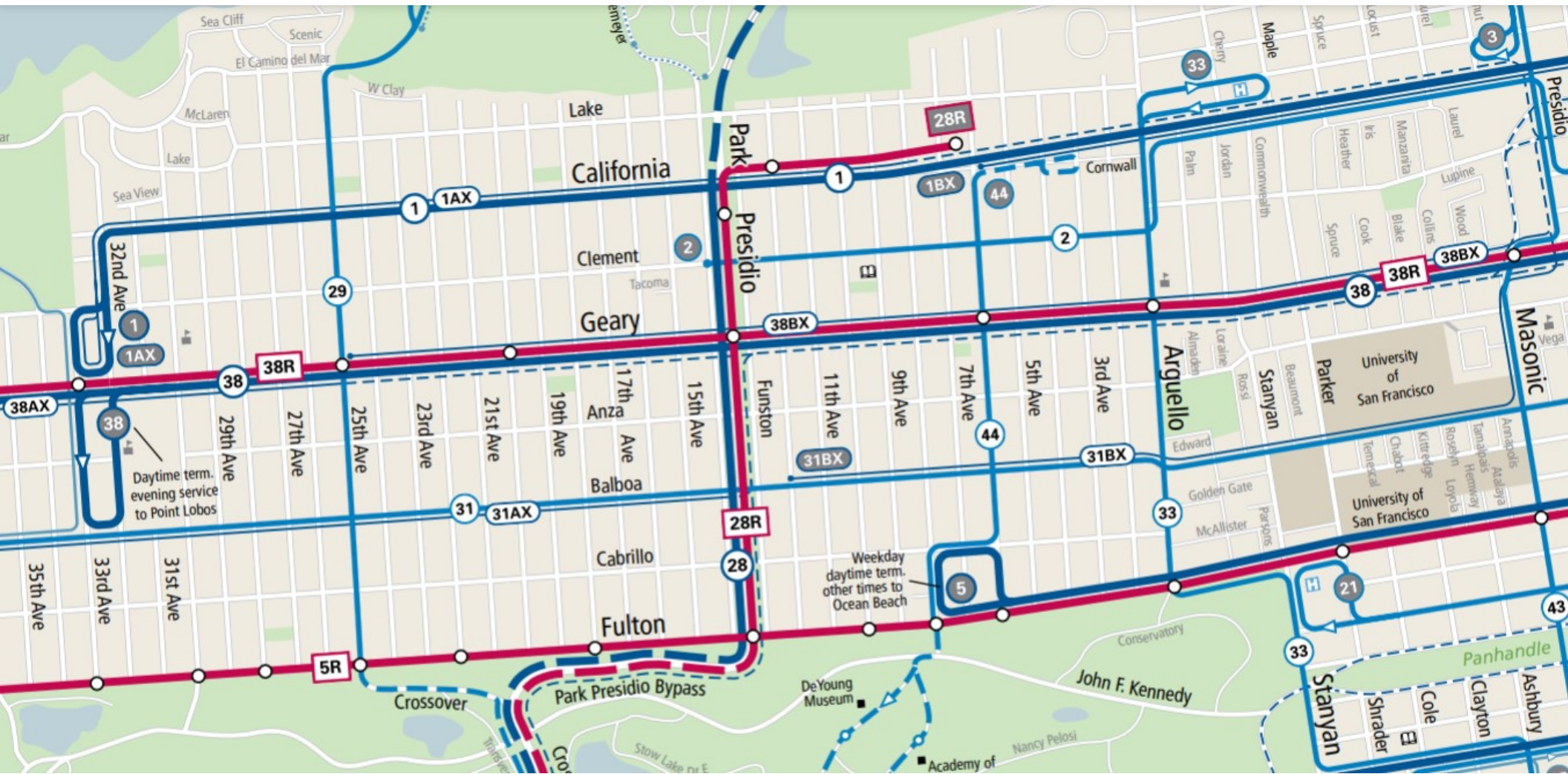


Bike Network

-  Bike Path
-  Bike Lane
-  Bike Route
-  Separated Bike Path
-  Anza Street - Proposed Bike Lanes



Bike Network Map

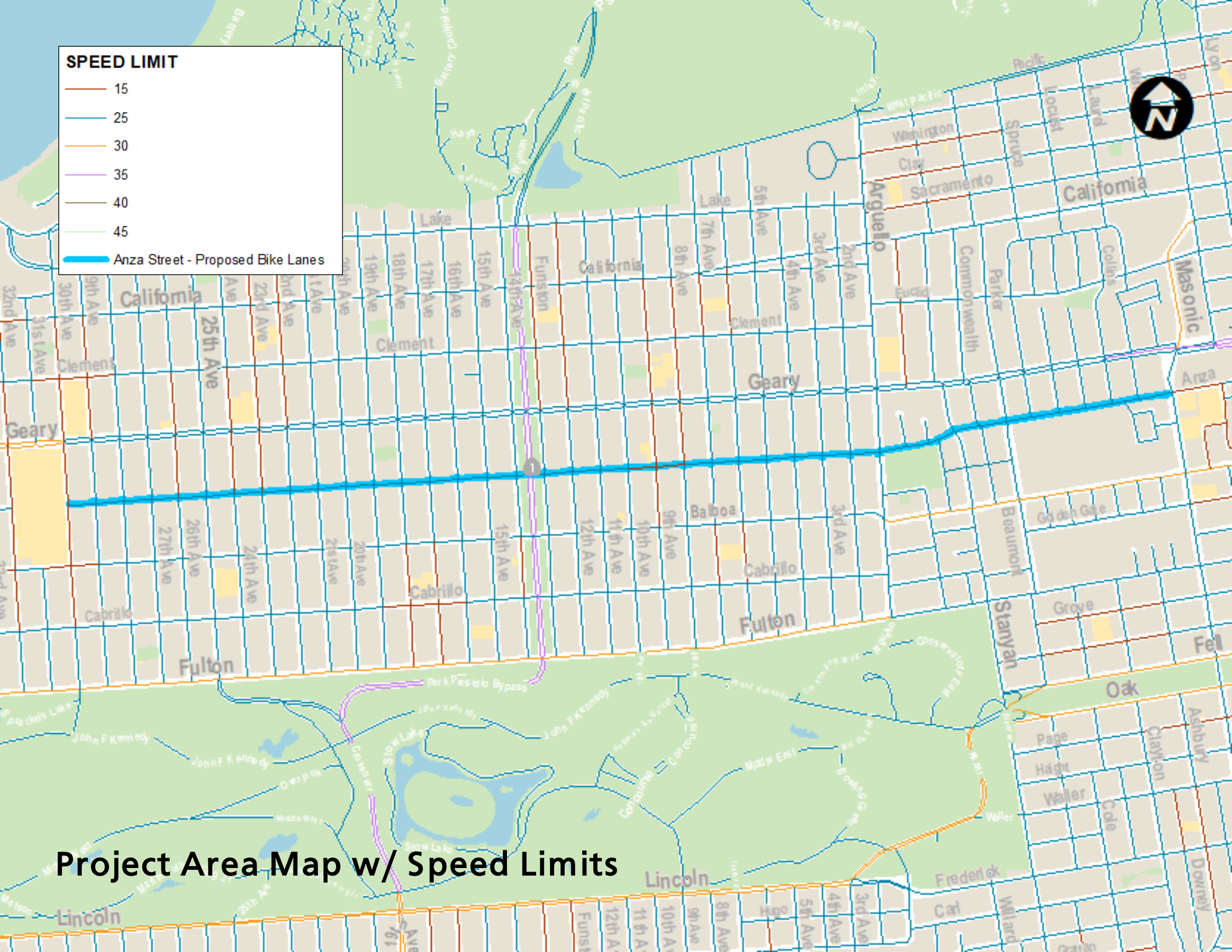


Muni Map (2020)

SPEED LIMIT

- 15
- 25
- 30
- 35
- 40
- 45

Anza Street - Proposed Bike Lanes



Project Area Map w/ Speed Limits

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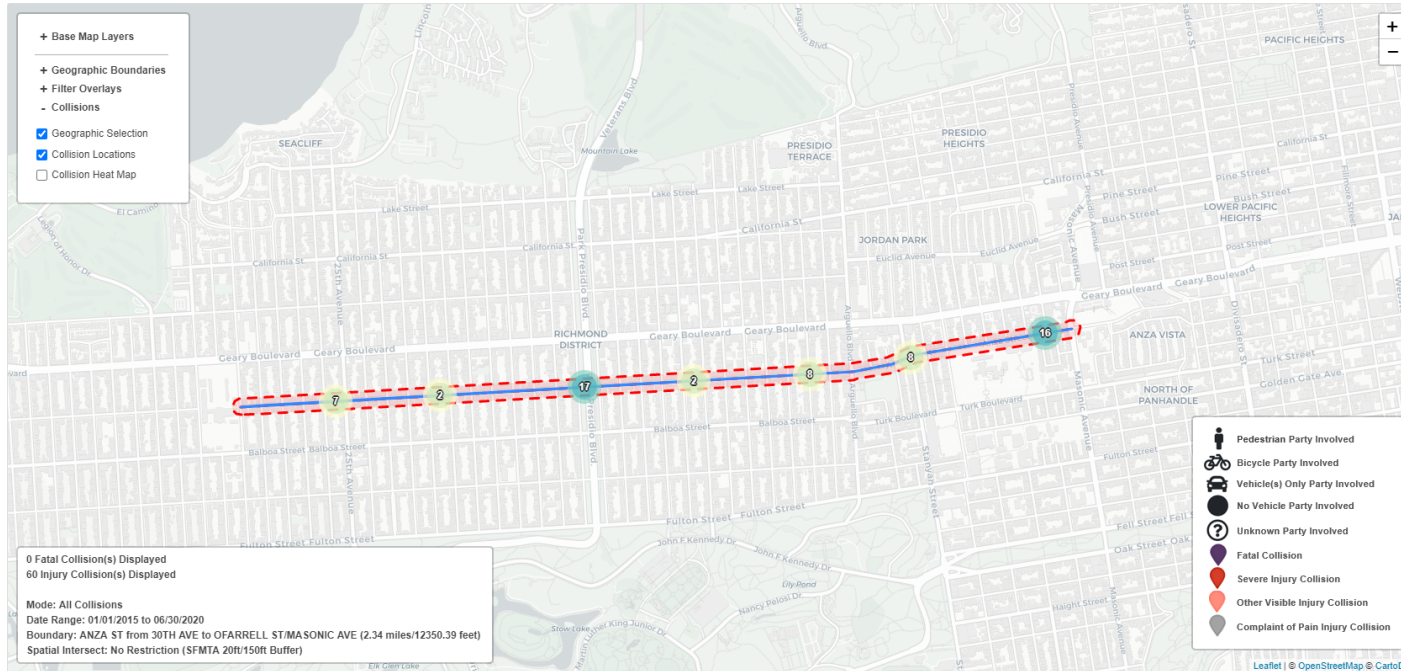
Geographic Extent: ANZA ST from 30TH AVE to OFARRELL ST/MASONIC AVE (2.34 miles/12350.39 feet)

Spatial Intersect: No Restriction (SFMTA 20ft/150ft Buffer)

Data Range: 01/01/2015 to 06/30/2020

Pull Date: 3/8/2021

Geographic Extent



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Geographic Extent: ANZA ST from 30TH AVE to OFARRELL ST/MASONIC AVE (2.34 miles/12350.39 feet)

Spatial Intersect: No Restriction (SFMTA 20ft/150ft Buffer)

Data Range: 01/01/2015 to 06/30/2020

Pull Date: 3/8/2021

Collision/Party/Victim Table

Showing 1 to 60 of 60 entries

Count of Fatal Collisions: 0

Count of Non-Fatal Injury Collisions: 60

Total Count of Fatal/Non-Fatal Injury Collisions: 60

Case ID	Collision Date	Collision Time	Day of Week	Primary Road	Secondary Road	Distance	Direction	Party 1 Type	Party 1 Direction of Travel	Party 1 Movement Preceding Crash	Party 2 Type	Party 2 Direction of Travel	Party 2 Movement Preceding Crash	Vehicle Code Violation	Highest Degree of Injury	Type of Collision	Motor Vehicle Involved With	Weather	Lighting
150178260	02/26/2015	19:31	Thursday	ARGUELLO BLVD	ANZA ST	0	Not Stated	Driver	North	Making Right Turn	Bicyclist	North	Proceeding Straight	CVC 22107	Injury (Complaint of Pain)	Sideswipe	Bicycle	Clear	Dark - Street Lights
150958379	11/02/2015	18:38	Monday	STANYAN BLVD	ANZA ST	0	Not Stated	Driver	South	Proceeding Straight	Driver	North	Making Left Turn	CVC 24250	Injury (Complaint of Pain)	Head-On	Other Motor Vehicle	Clear	Dark - Street Lights
160603207	07/26/2016	21:02	Tuesday	25TH AVE	ANZA ST	0	Not Stated	Driver	West	Making Left Turn	Pedestrian	South	Proceeding Straight	CVC 21950(a)	Injury (Other Visible)	Head-On	Pedestrian	Clear	Dark - Street Lights
160916975	11/10/2016	18:20	Thursday	17TH AVE	ANZA ST	0	Not Stated	Driver	North	Stopped In Road	Bicyclist	East	Proceeding Straight	CVC 21802(a)	Injury (Other Visible)	Broadside	Bicycle	Clear	Dark - Street Lights
170034965	01/13/2017	20:00	Friday	ANZA ST	COLLINS ST	0	Not Stated	Driver	North	Making Left Turn	Bicyclist	West	Proceeding Straight	CVC 21801(a)	Injury (Other Visible)	Broadside	Bicycle	Clear	Dark - Street Lights
170111579	02/08/2017	21:23	Wednesday	ARGUELLO BLVD	ANZA ST	0	Not Stated	Driver	South	Making Left Turn	Pedestrian	East	Proceeding Straight	CVC 21950(a)	Injury (Other Visible)	Vehicle/ Pedestrian	Pedestrian	Clear	Dark - Street Lights
170230646	03/20/2017	20:29	Monday	OFARRELL ST	MASONIC AVE	0	Not Stated	Pedestrian	South	Proceeding Straight	Driver	East	Making Left Turn	CVC 21456(b)	Injury (Other Visible)	Vehicle/ Pedestrian	Pedestrian	Raining	Dark - Street Lights
170472644	06/09/2017	21:10	Friday	ANZA ST	ROSSI AVE	0	Not Stated	Driver	West	Making Left Turn	Driver	East	Proceeding Straight	CVC 21801(a)	Injury (Severe)	Head-On	Other Motor Vehicle	Clear	Dark - Street Lights
180406031	05/31/2018	18:17	Thursday	MASONIC AVE	OFARRELL ST	0	Not Stated	Driver	East	Making Left Turn	Driver	North	Proceeding Straight	CVC 21801(a)	Injury (Complaint of Pain)	Head-On	Other Motor Vehicle	Clear	Daylight
180675781	09/06/2018	21:55	Thursday	OFARRELL ST	MASONIC AVE	8	East	Bicyclist	North	Proceeding Straight	Driver	East	Making Right Turn	CVC 22350	Injury (Other Visible)	Sideswipe	Bicycle	Clear	Dark - Street Lights
180949633	12/17/2018	19:32	Monday	MASONIC AVE	OFARRELL ST	48	South	Bicyclist	North	Proceeding Straight	Driver	North	Proceeding Straight	CVC 22107	Injury (Other Visible)	Rear End	Bicycle	Clear	Dark - Street Lights
190293107	04/24/2019	20:05	Wednesday	PARK PRESIDIO BLVD	ANZA ST	108	South	Driver	North	Proceeding Straight	Driver	North	Stopped	CVC 22350	Injury (Complaint of Pain)	Rear End	Other Motor Vehicle	Clear	Daylight
190444930	06/19/2019	20:49	Wednesday	MASONIC AVE	ANZA ST	0	Not Stated	Driver	South	Proceeding Straight	Driver	North	Making Left Turn	CVC 21453(a)	Injury (Other Visible)	Head-On	Other Motor Vehicle	Clear	Dark - Street Lights

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200280581	05/06/2020	20:04	Wednesday	ANZA ST	20TH AVE	0	Not Stated	Driver	East	Making Right Turn				CVC 22107	Injury (Other Visible)	Hit Object	Fixed Object	Clear	Dusk - Dawn
150233466	03/16/2015	07:07	Monday	ANZA ST	BLAKE ST	115	West	Driver	West	Passing Other Vehicle	Driver	South	Making Left Turn	CVC 21750	Injury (Complaint of Pain)	Sideswipe	Other Motor Vehicle	Clear	Daylight
150852709	09/29/2015	09:20	Tuesday	PARK PRESIDIO BLVD	ANZA ST	19	North	Driver	South	Proceeding Straight	Driver	South	Stopped In Road	CVC 22350	Injury (Complaint of Pain)	Not Stated	Other Motor Vehicle	Clear	Daylight
151027880	11/26/2015	08:49	Thursday	ANZA ST	28TH AVE	85	West	Driver	West	Proceeding Straight				CVC Unknown	Injury (Complaint of Pain)	Overtaken	Non-Collision	Clear	Daylight
161055495	12/29/2016	08:15	Thursday	ANZA ST	14TH AVE	0	Not Stated	Driver	East	Proceeding Straight	Bicyclist	South	Proceeding Straight	CVC 21950(a)	Injury (Complaint of Pain)	Broadside	Bicycle	Clear	Daylight
170047178	01/18/2017	07:00	Wednesday	ANZA ST	COLLINS ST	0	Not Stated	Driver	East	Proceeding Straight	Pedestrian	South	Not Stated	CVC 21950(a)	Injury (Other Visible)	Vehicle/Pedestrian	Pedestrian	Raining	Dark - Street Lights
170133608	02/16/2017	08:33	Thursday	ANZA ST	06TH AVE	0	Not Stated	Driver	East	Making Left Turn	Pedestrian	North	Proceeding Straight	CVC 21950(a)	Injury (Complaint of Pain)	Vehicle/Pedestrian	Pedestrian	Clear	Daylight
170874874	10/26/2017	09:52	Thursday	OFARRELL ST	MASONIC AVE	0	Not Stated	Driver	South	Making Left Turn	Pedestrian	North	Other	CVC 21950(a)	Injury (Other Visible)	Not Stated	Pedestrian	Clear	Daylight
180079503	01/30/2018	09:26	Tuesday	ANZA ST	FUNSTON AVE	0	Not Stated	Driver	North	Making Left Turn	Pedestrian	East	Proceeding Straight	CVC 21950(a)	Injury (Complaint of Pain)	Head-On	Pedestrian	Clear	Daylight
180175816	03/07/2018	09:40	Wednesday	PARK PRESIDIO BLVD	ANZA ST	0	Not Stated	Driver	North	Making Left Turn	Pedestrian	West	Not Stated	CVC 21950(a)	Injury (Other Visible)	Vehicle/Pedestrian	Pedestrian	Cloudy	Daylight
180190278	03/13/2018	08:18	Tuesday	BEAUMONT AVE	ANZA ST	0	Not Stated	Driver	North	Making Left Turn	Bicyclist	South	Proceeding Straight	CVC 21801(a)	Injury (Complaint of Pain)	Head-On	Bicycle	Raining	Daylight
180510529	07/10/2018	07:51	Tuesday	ANZA ST	STANYAN BLVD	0	Not Stated	Driver	East	Proceeding Straight	Driver	East	Proceeding Straight	CVC 21453(a)	Injury (Complaint of Pain)	Broadside	Other Motor Vehicle	Clear	Daylight
180667738	09/04/2018	07:30	Tuesday	ANZA ST	BLAKE ST	83	East	Driver	East	Proceeding Straight	Driver	East	Making Left Turn	CVC 21750	Injury (Complaint of Pain)	Sideswipe	Parked Motor Vehicle	Cloudy	Daylight
150274294	03/28/2015	16:41	Saturday	STANYAN BLVD	ANZA ST	0	Not Stated	Driver	South	Proceeding Straight	Driver	West	Proceeding Straight	CVC 21453(a)	Injury (Other Visible)	Overtaken	Other Motor Vehicle	Clear	Daylight
150622502	07/17/2015	15:26	Friday	BLAKE ST	ANZA ST	0	Not Stated	Driver	South	Making Left Turn	Driver	West	Proceeding Straight	CVC 21801(a)	Injury (Other Visible)	Broadside	Other Motor Vehicle	Clear	Daylight
150909071	10/17/2015	16:30	Saturday	PARK PRESIDIO BLVD	ANZA ST	30	South	Driver	North	Proceeding Straight	Driver	North	Stopped In Road	CVC 22350	Injury (Other Visible)	Rear End	Other Motor Vehicle	Clear	Daylight

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Geographic Extent: ANZA ST from 30TH AVE to OFARRELL ST/MASONIC AVE (2.34 miles/12350.39 feet)

Spatial Intersect: No Restriction (SFMTA 20ft/150ft Buffer)

Data Range: 01/01/2015 to 06/30/2020

Pull Date: 3/8/2021

Case ID	Collision Date	Collision Time	Day of Week	Primary Road	Secondary Road	Distance	Direction	Party 1 Type	Party 1 Direction of Travel	Party 1 Movement Preceding Crash	Party 2 Type	Party 2 Direction of Travel	Party 2 Movement Preceding Crash	Vehicle Code Violation	Highest Degree of Injury	Type of Collision	Motor Vehicle Involved With	Weather	Lighting
160467536	06/08/2016	16:55	Wednesday	21ST AVE	ANZA ST	0	Not Stated	Driver	South	Proceeding Straight	Driver	West	Proceeding Straight	CVC 21802(a)	Injury (Other Visible)	Broadside	Other Motor Vehicle	Clear	Daylight
170072040	01/26/2017	15:31	Thursday	MASONIC AVE	OFARRELL ST	0	Not Stated	Driver	East	Making Left Turn	Driver	North	Proceeding Straight	CVC 21801(a)	Injury (Complaint of Pain)	Broadside	Other Motor Vehicle	Clear	Daylight
170223851	03/18/2017	15:15	Saturday	MASONIC AVE	ANZA ST	0	Not Stated	Driver	East	Making Left Turn	Driver	East	Stopped In Road	CVC 21703	Injury (Other Visible)	Vehicle/ Pedestrian	Pedestrian	Clear	Daylight
170363855	05/03/2017	17:23	Wednesday	08TH AVE	ANZA ST	0	Not Stated	Bicyclist	East	Making Left Turn	Driver	South	Making Right Turn	CVC 22350	Injury (Severe)	Broadside	Other Motor Vehicle	Clear	Daylight
170887134	10/30/2017	15:20	Monday	ARGUELLO BLVD	ANZA ST	10	South	Driver	South	Making Left Turn	Pedestrian	East	Not Stated	CVC 21950(a)	Injury (Complaint of Pain)	Vehicle/ Pedestrian	Pedestrian	Clear	Daylight
180020788	01/08/2018	17:40	Monday	18TH AVE	ANZA ST	0	Not Stated	Driver	South	Proceeding Straight	Pedestrian	West	Proceeding Straight	CVC 21950(a)	Injury (Other Visible)	Vehicle/ Pedestrian	Pedestrian	Raining	Dark - Street Lights
180312494	04/27/2018	15:30	Friday	PARK PRESIDIO BLVD	ANZA ST	0	Not Stated	Driver	North	Proceeding Straight	Driver	North	Stopped In Road	CVC 22350	Injury (Complaint of Pain)	Rear End	Other Motor Vehicle	Clear	Daylight
180755123	10/05/2018	15:17	Friday	FUNSTON AVE	ANZA ST	0	Not Stated	Driver	North	Proceeding Straight	Driver	West	Proceeding Straight	CVC 21802(a)	Injury (Complaint of Pain)	Broadside	Other Motor Vehicle	Clear	Daylight
180777484	10/13/2018	16:50	Saturday	PARK PRESIDIO BLVD	ANZA ST	0	Not Stated	Driver	South	Proceeding Straight	Driver	East	Proceeding Straight	CVC 21453(a)	Injury (Complaint of Pain)	Broadside	Other Motor Vehicle	Clear	Daylight
180802990	10/15/2018	14:40	Monday	23RD AVE	ANZA ST	0	Not Stated	Bicyclist	North	Proceeding Straight	Driver	East	Making Right Turn	CVC 21800(a)	Injury (Other Visible)	Other	Bicycle	Other	Daylight
180852387	11/09/2018	17:15	Friday	ANZA ST	26TH AVE	0	Not Stated	Driver	West	Proceeding Straight	Driver	North	Proceeding Straight	CVC 21802(b)	Injury (Other Visible)	Broadside	Other Motor Vehicle	Clear	Dark - Street Lights
190282019	04/20/2019	18:00	Saturday	ANZA ST	FUNSTON AVE	0	Not Stated	Driver	East	Proceeding Straight	Driver	East	Changing Lanes	CVC 22107	Injury (Complaint of Pain)	Sideswipe	Other Motor Vehicle	Clear	Daylight
190420366	06/11/2019	16:37	Tuesday	24TH AVE	ANZA ST	0	Not Stated	Pedestrian	North	Not Stated	Driver	West	Proceeding Straight	CVC 21954(a)	Injury (Other Visible)	Vehicle/ Pedestrian	Pedestrian	Clear	Daylight
200034504	01/14/2020	14:50	Tuesday	ANZA ST	ARGUELLO BLVD	9	East	Driver	South	Changing Lanes	Bicyclist	South	Proceeding Straight	CVC 22107	Injury (Other Visible)	Sideswipe	Bicycle	Clear	Daylight
200064642	01/26/2020	15:39	Sunday	ANZA ST	BEAUMONT AVE	0	Not Stated	Driver	East	Proceeding Straight	Driver	East	Making Left Turn	CVC 22350	Injury (Complaint of Pain)	Rear End	Other Motor Vehicle	Clear	Daylight
200075144	01/30/2020	15:30	Thursday	MASONIC AVE	ANZA ST	0	Not Stated	Driver	South	Not Stated	Driver	South	Stopped		Injury (Complaint of Pain)	Not Stated	Other Motor Vehicle	Clear	Daylight

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150953034	11/01/2015	00:47	Sunday	ANZA ST	04TH AVE	15	West	Driver	West	Proceeding Straight	Parked Vehicle	Not Stated	Parked	CVC 23152(a)	Injury (Other Visible)	Rear End	Parked Motor Vehicle	Clear	Dark - Street Lights
160105134	02/05/2016	00:25	Friday	ANZA ST	06TH AVE	0	Not Stated	Driver	East	Proceeding Straight	Pedestrian	South	Proceeding Straight	CVC 21950(a)	Injury (Other Visible)	Vehicle/ Pedestrian	Pedestrian	Clear	Dark - Street Lights
180137781	02/21/2018	00:50	Wednesday	27TH AVE	ANZA ST	0	Not Stated	Driver	North	Proceeding Straight	Parked Vehicle	North	Parked	CVC 23152(f)	Injury (Other Visible)	Sideswipe	Other Motor Vehicle	Clear	Dark - Street Lights
190915088	12/04/2019	23:52	Wednesday	ANZA ST	COLLINS ST	0	Not Stated	Pedestrian	West	Making Left Turn	Driver	East	Proceeding Straight	CVC 21954(a)	Injury (Severe)	Vehicle/ Pedestrian	Pedestrian	Clear	Dark - Street Lights
150122063	02/09/2015	12:15	Monday	ANZA ST	04TH AVE	0	Not Stated	Driver	East	Proceeding Straight	Pedestrian	South	Proceeding Straight	CVC 22450(a)	Injury (Complaint of Pain)	Vehicle/ Pedestrian	Not Stated	Clear	Daylight
150452672	05/24/2015	13:15	Sunday	ANZA ST	LORAIN CT	78	East	Driver	East	Stopped In Road	Driver	East	Proceeding Straight	CVC 22517	Injury (Complaint of Pain)	Sideswipe	Other Motor Vehicle	Clear	Daylight
150747326	08/26/2015	12:40	Wednesday	PARK PRESIDIO BLVD	ANZA ST	0	Not Stated	Driver	North	Slowing/ Stopping	Driver	North	Slowing/ Stopping	CVC 22350	Injury (Complaint of Pain)	Rear End	Other Motor Vehicle	Clear	Daylight
160220679	03/16/2016	10:34	Wednesday	ANZA ST	STANYAN BLVD	0	Not Stated	Driver	South	Making Left Turn	Driver	East	Proceeding Straight	CVC 22107	Injury (Complaint of Pain)	Not Stated	Not Stated	Clear	Daylight
160621920	08/02/2016	10:54	Tuesday	ANZA ST	FUNSTON AVE	0	Not Stated	Driver	North	Proceeding Straight	Driver	East	Proceeding Straight	CVC 21802(a)	Injury (Complaint of Pain)	Broadside	Other Motor Vehicle	Clear	Daylight
160658694	08/15/2016	12:55	Monday	PARK PRESIDIO BLVD	ANZA ST	30	North	Driver	North	Proceeding Straight	Driver	North	Proceeding Straight	CVC 21703	Injury (Complaint of Pain)	Rear End	Other Motor Vehicle	Clear	Daylight
160677297	08/18/2016	11:06	Thursday	ANZA ST	11TH AVE	16	West	Driver	West	Backing				CVC 22106	Injury (Other Visible)	Sideswipe	Other Object	Clear	Daylight
160797292	10/01/2016	11:20	Saturday	ANZA ST	FUNSTON AVE	0	Not Stated	Driver	South	Proceeding Straight	Driver	East	Proceeding Straight	CVC 21802(a)	Injury (Complaint of Pain)	Broadside	Other Motor Vehicle	Clear	Daylight
180351135	05/11/2018	11:55	Friday	ANZA ST	SPRUCE ST	0	Not Stated	Driver	East	Making Left Turn	Driver	West	Proceeding Straight	CVC 21801(a)	Injury (Complaint of Pain)	Head-On	Other Motor Vehicle	Clear	Daylight
190140536	02/25/2019	11:40	Monday	25TH AVE	ANZA ST	0	Not Stated	Driver	North	Proceeding Straight	Driver	North	Stopped	CVC 22350	Injury (Complaint of Pain)	Rear End	Other Motor Vehicle	Cloudy	Daylight
190667411	09/07/2019	11:08	Saturday	ANZA ST	09TH AVE	0	Not Stated	Driver	North	Proceeding Straight	Driver	West	Proceeding Straight	CVC 22450(a)	Injury (Complaint of Pain)	Broadside	Other Motor Vehicle	Clear	Daylight

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Data Range: 01/01/2015 to 06/30/2020

Pull Date: 3/8/2021

Metadata Information

Collision Filters

Database Source: TransBASESF.org
Database Pull Date: 3/8/2021
Collision Level: Injury Collisions
Boundary: ANZA ST from 30TH AVE to OFARRELL ST/MASONIC AVE (2.34 miles/12350.39 feet)
Collision Dates: 01/01/2015 to 06/30/2020
Collision Month Filter(s): No Restrictions
Collision Distance: Any Distance
Collision Severity Filter(s): No Restrictions
Primary Collision Factor Filter(s): No Restrictions
Collision Type Filter(s): No Restrictions
Intersection/Midblock: No Restriction (SFMTA 20ft/150ft Buffer)

Party Filters

Party Involved Type: No Restrictions
Party Involved Gender: No Restrictions
Party Involved at Fault: No Restrictions
Party Involved Age: No Restriction
Party Involved Sobriety: No Restrictions
Party Involved Condition: No Restrictions
Party Involved Direction of Travel: No Restrictions
Party Involved Safety Equipment 1: No Restrictions
Party Involved Safety Equipment 2: No Restrictions
Party Involved Insurance: No Restrictions
Party Involved Other Associated Factors : No Restrictions
Party Involved Movement Preceding Collision: No Restrictions
Party Involved Vehicle Type: No Restrictions
Party Involved Race: No Restrictions
Party Involved Special Info: No Restrictions

Victim Filters

Victim Involved Role: No Restrictions
Victim Involved Degree of Injury: No Restrictions
Victim Involved Age: No Restriction
Victim Involved Seating Position: No Restrictions
Victim Involved Safety Equipment: No Restrictions
Victim Involved Ejected: No Restrictions

Environmental Filters

Nearest Traffic Control: No Restriction
Intersecting Speed Limit: No Restriction
Intersecting Network: No Restriction
Intersecting Street Class: No Restriction
Weather Description: No Restrictions
Lighting Description: No Restrictions

Location/Site: 215 - ANZA ST btwn BLAKE St & COLLINS ST
 Data Collector (Name): Quality Counts

ADT Volume and Speed Summary

Site Characteristics		
FOR DATA COLLECTOR TO COMPLETE		
Location (primary street name)	Anza St	
Between (minor street name)	Blake St	
And (minor street name)	Colling St	
Direction 1	Westbound	
Direction 2	Eastbound	
CNN of Location & Direction 1		
CNN of Location & Direction 2		
Time Period(s)	48 hrs	
Date Range (incl. days of week)		
Date Day 1 (date)	3/4/2020	Wednesday
Date Day 2 (date)	3/5/2020	Thursday
Date Day 3 (date)	N/A	

Distance Measurements		
Latitude / Longitude Location of Tube	37.7807019000	-122.4503562000
Speed Classification Data Available	Y N	

Analyze By	
Time Group:	Total Day
Xth Percentile:	25

Traffic Direction - N/W

ADT Volume and Speed Data											
Time Period		Vehicle Counts					Vehicle Speed				
Traffic Direction (N or W)	Date	ADT	% count w/out Speed	Exceed 20 mph	Exceed 30 mph	Exceed 40 mph	Mean	1 STDev	Median Speed	85th Percentile	25 th Percentile
Westbound	3/4/2020	5732	4.8%	84.1%	12.0%	0.2%	24.1	5.1	24	29	Tinkering
Westbound	3/5/2020	5878	5.0%	84.9%	12.8%	0.3%	24.2	5.0	24	29	Tinkering
Westbound	N/A	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	Tinkering
Summary (Average over # of days)											

Traffic Direction - S/E

ADT Volume and Speed Data											
Time Period		Vehicle Counts					Vehicle Speed				
Traffic Direction (N or W)	Date	ADT	% count w/out Speed	Exceed 20 mph	Exceed 30 mph	Exceed 40 mph	Mean Speed	1 STDev	Median Speed	85th Percentile	25 th Percentile
Eastbound	3/4/2020	3006	8.9%	83.7%	13.1%	0.2%	24.1	5.3	24	29	Tinkering
Eastbound	3/5/2020	2986	8.9%	86.1%	15.1%	0.1%	24.6	5.1	25	30	Tinkering
Eastbound	N/A	0	8.9%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	Tinkering
Summary (Average over # of days)											

Location/Site: 217 - ANZA ST btwn COLLINS ST and WOOD ST
 Data Collector (Name): Quality Counts

ADT Volume and Speed Summary

Site Characteristics		
FOR DATA COLLECTOR TO COMPLETE		
Location (primary street name)	Anza St	
Between (minor street name)	Collins St	
And (minor street name)	Wood St	
Direction 1	Westbound	
Direction 2	Eastbound	
CNN of Location & Direction 1		
CNN of Location & Direction 2		
Time Period(s)	48 hrs	
Date Range (incl. days of week)		
Date Day 1 (date)	2/19/2020	Wednesday
Date Day 2 (date)	2/20/2020	Thursday
Date Day 3 (date)	N/A	

Distance Measurements		
Latitude / Longitude Location of Tube	37.7808819400	-122.4492300000
Speed Classification Data Available	Y N	

Analyze By	
Time Group:	Total Day
Xth Percentile:	25

Traffic Direction - N/W

ADT Volume and Speed Data											
Time Period		Vehicle Counts					Vehicle Speed				
Traffic Direction (N or W)	Date	ADT	% count w/out Speed	Exceed 20 mph	Exceed 30 mph	Exceed 40 mph	Mean	1 STDev	Median Speed	85th Percentile	25 th Percentile
Westbound	2/19/2020	2513	5.2%	82.6%	18.0%	1.3%	24.6	6.3	25	31	Tinkering
Westbound	2/20/2020	2490	5.4%	84.5%	21.2%	1.5%	25.3	6.5	25	32	Tinkering
Westbound	N/A	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	Tinkering
Summary (Average over # of days)											

Traffic Direction - S/E

ADT Volume and Speed Data											
Time Period		Vehicle Counts					Vehicle Speed				
Traffic Direction (N or W)	Date	ADT	% count w/out Speed	Exceed 20 mph	Exceed 30 mph	Exceed 40 mph	Mean Speed	1 STDev	Median Speed	85th Percentile	25 th Percentile
Eastbound	2/19/2020	5000	3.5%	73.0%	1.0%	0.1%	21.4	4.0	22	25	Tinkering
Eastbound	2/20/2020	4924	3.5%	73.5%	1.2%	0.1%	21.4	4.0	22	26	Tinkering
Eastbound	N/A	0	3.5%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	Tinkering
Summary (Average over # of days)											

Location/Site: 15296526 - Anza St Btwn 24th Ave & 25th Ave
 Data Collector (Name): Quality Counts

ADT Volume and Speed Summary

Site Characteristics		
FOR DATA COLLECTOR TO COMPLETE		
Location (primary street name)	Anza St	
Between (minor street name)	24th Ave	
And (minor street name)	25th Ave	
Direction 1	Westbound	
Direction 2	Eastbound	
CNN of Location & Direction 1		
CNN of Location & Direction 2		
Time Period(s)	48 hrs	
Date Range (incl. days of week)		
Date Day 1 (date)	10/21/2020	Wednesday
Date Day 2 (date)	10/22/2020	Thursday
Date Day 3 (date)	NA	

Distance Measurements		
Latitude / Longitude Location of Tube	37.7783200000	-122.4839280000
Speed Classification Data Available	Y N	

Analyze By	
Time Group:	Total Day
Xth Percentile:	25

Traffic Direction - N/W

ADT Volume and Speed Data											
Time Period		Vehicle Counts					Vehicle Speed				
Traffic Direction (N or W)	Date	ADT	% count w/out Speed	Exceed 20 mph	Exceed 30 mph	Exceed 40 mph	Mean	1 STDev	Median Speed	85th Percentile	25 th Percentile
Westbound	10/21/2020	1333	1.7%	67.3%	5.0%	0.0%	21.6	5.2	22	27	Tinkering
Westbound	10/22/2020	1257	3.0%	64.2%	6.3%	0.0%	21.5	5.3	21	27	Tinkering
Westbound	NA	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	Tinkering
Summary (Average over # of days)											

Traffic Direction - S/E

ADT Volume and Speed Data											
Time Period		Vehicle Counts					Vehicle Speed				
Traffic Direction (N or W)	Date	ADT	% count w/out Speed	Exceed 20 mph	Exceed 30 mph	Exceed 40 mph	Mean Speed	1 STDev	Median Speed	85th Percentile	25 th Percentile
Eastbound	10/21/2020	798	2.4%	53.1%	1.8%	0.0%	19.7	4.7	20	24	Tinkering
Eastbound	10/22/2020	772	2.4%	53.0%	1.5%	0.0%	19.7	5.0	20	24	Tinkering
Eastbound	NA	0	2.4%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	Tinkering
Summary (Average over # of days)											

Location/Site: 15296525 - Anza St Btwn 8th Ave & 9th Ave
 Data Collector (Name): Quality Counts

ADT Volume and Speed Summary

Site Characteristics		
FOR DATA COLLECTOR TO COMPLETE		
Location (primary street name)	Anza St	
Between (minor street name)	8th Ave	
And (minor street name)	9th Ave	
Direction 1	Westbound	
Direction 2	Eastbound	
CNN of Location & Direction 1		
CNN of Location & Direction 2		
Time Period(s)	48 hrs	
Date Range (incl. days of week)		
Date Day 1 (date)	10/21/2020	Wednesday
Date Day 2 (date)	10/22/2020	Thursday
Date Day 3 (date)	NA	

Distance Measurements		
Latitude / Longitude Location of Tube	37.7789800000	-122.4667500000
Speed Classification Data Available	Y N	

Analyze By	
Time Group:	Total Day
Xth Percentile:	25

Traffic Direction - N/W

ADT Volume and Speed Data											
Time Period		Vehicle Counts					Vehicle Speed				
Traffic Direction (N or W)	Date	ADT	% count w/out Speed	Exceed 20 mph	Exceed 30 mph	Exceed 40 mph	Mean	1 STDev	Median Speed	85th Percentile	25 th Percentile
Westbound	10/21/2020	2489	3.9%	36.5%	0.2%	0.0%	18.5	3.5	18	23	Tinkering
Westbound	10/22/2020	2562	4.1%	33.6%	0.1%	0.0%	18.2	3.6	18	22	Tinkering
Westbound	NA	0	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	Tinkering
Summary (Average over # of days)											

Traffic Direction - S/E

ADT Volume and Speed Data											
Time Period		Vehicle Counts					Vehicle Speed				
Traffic Direction (N or W)	Date	ADT	% count w/out Speed	Exceed 20 mph	Exceed 30 mph	Exceed 40 mph	Mean Speed	1 STDev	Median Speed	85th Percentile	25 th Percentile
Eastbound	10/21/2020	1576	4.3%	18.3%	0.0%	0.0%	16.9	3.4	17	20	Tinkering
Eastbound	10/22/2020	1525	4.3%	18.5%	0.0%	0.0%	16.9	3.5	17	21	Tinkering
Eastbound	NA	0	4.3%	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#N/A	#N/A	Tinkering
Summary (Average over # of days)											

Lanes, Volumes, Timings
2: Park Presidio & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↖	↗		↖	↗			↑↑↑			↑↑↑	
Traffic Volume (vph)	19	59	22	106	47	17	0	1970	94	0	1289	61
Future Volume (vph)	19	59	22	106	47	17	0	1970	94	0	1289	61
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	75		0	195		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	1711	1715	0	1711	1719	0	0	4876	0	0	4878	0
Flt Permitted	0.715			0.704								
Satd. Flow (perm)	1272	1715	0	1247	1719	0	0	4876	0	0	4878	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		21			10			14				14
Link Speed (mph)		25			25			25				25
Link Distance (ft)		152			153			681				705
Travel Time (s)		4.1			4.2			18.6				19.2
Lane Group Flow (vph)	19	82	0	108	65	0	0	2106	0	0	1377	0
Turn Type	Perm	NA		Perm	NA			NA			NA	
Protected Phases		4			8			2				6
Permitted Phases	4			8								
Total Split (s)	32.0	32.0		32.0	32.0			58.0				58.0
Total Lost Time (s)	5.1	5.1		5.1	5.1			5.0				5.0
Act Effct Green (s)	11.5	11.5		11.7	11.7			57.2				57.2
Actuated g/C Ratio	0.15	0.15		0.15	0.15			0.76				0.76
v/c Ratio	0.10	0.29		0.56	0.24			0.57				0.37
Control Delay	27.3	24.3		40.4	25.8			6.3				4.7
Queue Delay	0.0	0.0		0.0	0.0			0.0				0.0
Total Delay	27.3	24.3		40.4	25.8			6.3				4.7
LOS	C	C		D	C			A				A
Approach Delay		24.9			34.9			6.3				4.7
Approach LOS		C			C			A				A
Queue Length 50th (ft)	8	25		47	23			147				76
Queue Length 95th (ft)	25	62		95	55			246				129
Internal Link Dist (ft)		72			73			601				625
Turn Bay Length (ft)	75			195								
Base Capacity (vph)	453	624		444	619			3695				3696
Starvation Cap Reductn	0	0		0	0			0				0
Spillback Cap Reductn	0	0		0	0			0				0
Storage Cap Reductn	0	0		0	0			0				0
Reduced v/c Ratio	0.04	0.13		0.24	0.11			0.57				0.37

Intersection Summary

Area Type:	Other
Cycle Length:	90
Actuated Cycle Length:	75.6
Control Type:	Actuated-Uncoordinated
Maximum v/c Ratio:	0.57
Intersection Signal Delay:	7.5
Intersection LOS:	A

Lanes, Volumes, Timings

2: Park Presidio & Anza St

03/11/2021

Intersection Capacity Utilization 68.6%
Analysis Period (min) 15
Description: Park Presidio

ICU Level of Service C

Splits and Phases: 2: Park Presidio & Anza St



Lanes, Volumes, Timings
5: Arguello Blvd & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↗	↘		↖	↗			↖	↗	↖	↗	
Traffic Volume (vph)	22	162	16	23	83	29	2	168	62	29	136	24
Future Volume (vph)	22	162	16	23	83	29	2	168	62	29	136	24
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%				0%
Storage Length (ft)	60		0	215		0	0		0	0		0
Storage Lanes	1		0	1		0	0		1	1		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	1711	1768	0	1711	1713	0	0	1799	1531	1711	1743	0
Flt Permitted	0.681			0.639				0.997		0.643		
Satd. Flow (perm)	1207	1768	0	1118	1713	0	0	1795	1453	1122	1743	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		10			31				127			17
Link Speed (mph)		25			25			25				25
Link Distance (ft)		318			302			485				672
Travel Time (s)		8.7			8.2			13.2				18.3
Lane Group Flow (vph)	23	189	0	24	119	0	0	181	66	31	171	0
Turn Type	Perm	NA		Perm	NA		Perm	NA	Perm	Perm	NA	
Protected Phases		4			8			2				6
Permitted Phases	4			8			2		2		6	
Total Split (s)	33.0	33.0		33.0	33.0		27.0	27.0	27.0	27.0	27.0	
Total Lost Time (s)	10.0	10.0		10.0	10.0			5.5	5.5	5.5	5.5	
Act Effct Green (s)	23.0	23.0		23.0	23.0			21.5	21.5	21.5	21.5	
Actuated g/C Ratio	0.38	0.38		0.38	0.38			0.36	0.36	0.36	0.36	
v/c Ratio	0.05	0.28		0.06	0.18			0.28	0.11	0.08	0.27	
Control Delay	12.1	13.4		15.1	13.2			15.3	1.1	13.4	13.7	
Queue Delay	0.0	0.0		0.0	0.0			0.0	0.0	0.0	0.0	
Total Delay	12.1	13.4		15.1	13.2			15.3	1.1	13.4	13.7	
LOS	B	B		B	B			B	A	B	B	
Approach Delay		13.3			13.5			11.5				13.6
Approach LOS		B			B			B				B
Queue Length 50th (ft)	5	43		6	22			45	0	7	38	
Queue Length 95th (ft)	17	84		20	52			87	6	23	77	
Internal Link Dist (ft)		238			222			405				592
Turn Bay Length (ft)	60			215								
Base Capacity (vph)	462	683		428	675			643	602	402	635	
Starvation Cap Reductn	0	0		0	0			0	0	0	0	
Spillback Cap Reductn	0	0		0	0			0	0	0	0	
Storage Cap Reductn	0	0		0	0			0	0	0	0	
Reduced v/c Ratio	0.05	0.28		0.06	0.18			0.28	0.11	0.08	0.27	

Intersection Summary

Area Type: Other
 Cycle Length: 60
 Actuated Cycle Length: 60
 Offset: 0 (0%), Referenced to phase 2:NBTL, Start of Green
 Control Type: Pretimed
 Maximum v/c Ratio: 0.28

Lanes, Volumes, Timings

5: Arguello Blvd & Anza St

03/11/2021

Intersection Signal Delay: 12.9

Intersection LOS: B

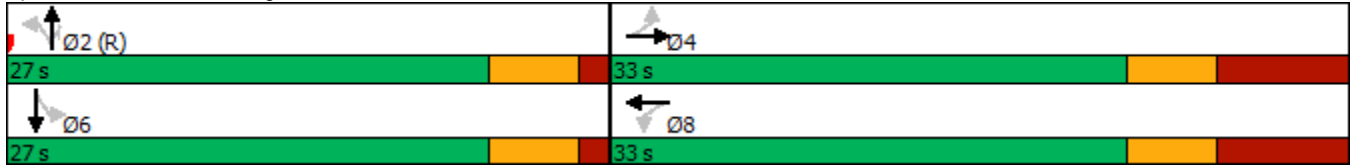
Intersection Capacity Utilization 72.5%

ICU Level of Service C

Analysis Period (min) 15



















Description: Arguello Blvd

Splits and Phases: 5: Arguello Blvd & Anza St



Lanes, Volumes, Timings
8: Stanyan St & Anza St

03/11/2021

												
Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	15	203	74	33	99	22	38	247	55	18	171	22
Future Volume (vph)	15	203	74	33	99	22	38	247	55	18	171	22
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	1		0	1		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	3250	0	0	3293	0	1711	1746	0	1711	1766	0
Flt Permitted		0.937			0.840		0.620			0.493		
Satd. Flow (perm)	0	3052	0	0	2791	0	1109	1746	0	885	1766	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		85			25			22				13
Link Speed (mph)		25			25			25				25
Link Distance (ft)		245			240			863				527
Travel Time (s)		6.7			6.5			23.5				14.4
Lane Group Flow (vph)	0	335	0	0	177	0	44	347	0	21	222	0
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2				6
Permitted Phases	4			8			2			6		
Total Split (s)	30.0	30.0		30.0	30.0		30.0	30.0		30.0	30.0	
Total Lost Time (s)		6.0			6.0		6.0	6.0		6.0	6.0	
Act Effct Green (s)		24.0			24.0		24.0	24.0		24.0	24.0	
Actuated g/C Ratio		0.40			0.40		0.40	0.40		0.40	0.40	
v/c Ratio		0.26			0.16		0.10	0.49		0.06	0.31	
Control Delay		18.0			10.3		12.1	15.4		11.8	13.1	
Queue Delay		0.0			0.0		0.0	0.0		0.0	0.0	
Total Delay		18.0			10.3		12.1	15.4		11.8	13.1	
LOS		B			B		B	B		B	B	
Approach Delay		18.0			10.3			15.0			13.0	
Approach LOS		B			B			B			B	
Queue Length 50th (ft)		42			17		10	83		5	49	
Queue Length 95th (ft)		75			33		26	142		16	90	
Internal Link Dist (ft)		165			160			783			447	
Turn Bay Length (ft)												
Base Capacity (vph)		1271			1131		443	711		354	714	
Starvation Cap Reductn		0			0		0	0		0	0	
Spillback Cap Reductn		0			0		0	0		0	0	
Storage Cap Reductn		0			0		0	0		0	0	
Reduced v/c Ratio		0.26			0.16		0.10	0.49		0.06	0.31	

Intersection Summary

Area Type: Other
 Cycle Length: 60
 Actuated Cycle Length: 60
 Offset: 0 (0%), Referenced to phase 2:NBTL, Start of Green
 Control Type: Pretimed
 Maximum v/c Ratio: 0.49

Lanes, Volumes, Timings

8: Stanyan St & Anza St

03/11/2021

Intersection Signal Delay: 14.7

Intersection LOS: B

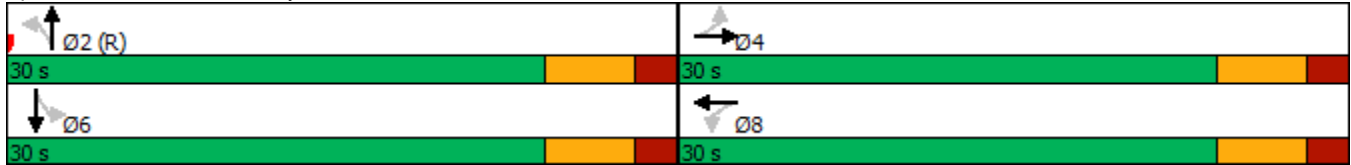
Intersection Capacity Utilization 53.2%

ICU Level of Service A

Analysis Period (min) 15

Description: Stanyan St

Splits and Phases: 8: Stanyan St & Anza St



Lanes, Volumes, Timings
9: Parker Ave & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕	↗		↕			↕			↕	
Traffic Volume (vph)	29	226	22	34	98	30	9	99	35	15	69	26
Future Volume (vph)	29	226	22	34	98	30	9	99	35	15	69	26
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		206	0		0	0		0	0		0
Storage Lanes	0		1	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1790	1531	0	1736	0	0	1736	0	0	1731	0
Flt Permitted		0.994			0.989			0.997			0.993	
Satd. Flow (perm)	0	1790	1531	0	1736	0	0	1736	0	0	1731	0
Link Speed (mph)		25			25			25			25	
Link Distance (ft)		291			1174			883			488	
Travel Time (s)		7.9			32.0			24.1			13.3	
Lane Group Flow (vph)	0	274	24	0	174	0	0	154	0	0	118	0
Sign Control		Stop			Stop			Stop			Stop	

Intersection Summary

Area Type: Other

Control Type: Unsignalized

Intersection Capacity Utilization 46.8% ICU Level of Service A

Analysis Period (min) 15

Description: Parker Ave

Lanes, Volumes, Timings
 10: Masonic Ave & Anza St/O'Farrell St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔↔					↔	↔↔		↔	↔↔	
Traffic Volume (vph)	107	84	33	0	0	0	75	893	79	105	602	64
Future Volume (vph)	107	84	33	0	0	0	75	893	79	105	602	64
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	75		0	240		0
Storage Lanes	0		0	0		0	1		0	1		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	3258	0	0	0	0	1711	3367	0	1711	3361	0
Flt Permitted		0.977					0.374			0.950		
Satd. Flow (perm)	0	3234	0	0	0	0	669	3367	0	1696	3361	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		21						15			22	
Link Speed (mph)		25			25			25			25	
Link Distance (ft)		663			563			324			432	
Travel Time (s)		18.1			15.4			8.8			11.8	
Lane Group Flow (vph)	0	246	0	0	0	0	82	1068	0	115	732	0
Turn Type	Perm	NA					Perm	NA		Prot	NA	
Protected Phases		4						2		1	6	
Permitted Phases	4						2					
Total Split (s)	31.0	31.0					48.0	48.0		7.0	59.0	
Total Lost Time (s)		6.0					6.0	6.0		5.0	6.0	
Act Effct Green (s)		25.0					46.0	46.0		2.0	53.0	
Actuated g/C Ratio		0.28					0.51	0.51		0.02	0.59	
v/c Ratio		0.27					0.24	0.62		3.03	0.37	
Control Delay		24.1					14.6	17.4		996.0	10.0	
Queue Delay		0.0					0.0	0.0		0.0	0.0	
Total Delay		24.1					14.6	17.4		996.0	10.0	
LOS		C					B	B		F	B	
Approach Delay		24.1						17.2			143.9	
Approach LOS		C						B			F	
Queue Length 50th (ft)		52					25	214		~115	102	
Queue Length 95th (ft)		83					55	278		#221	137	
Internal Link Dist (ft)		583			483			244			352	
Turn Bay Length (ft)							75			240		
Base Capacity (vph)		913					341	1728		38	1988	
Starvation Cap Reductn		0					0	0		0	0	
Spillback Cap Reductn		0					0	0		0	0	
Storage Cap Reductn		0					0	0		0	0	
Reduced v/c Ratio		0.27					0.24	0.62		3.03	0.37	

Intersection Summary

Area Type: Other
 Cycle Length: 90
 Actuated Cycle Length: 90
 Offset: 0 (0%), Referenced to phase 2:NBTL, Start of Green
 Control Type: Pretimed
 Maximum v/c Ratio: 3.03

Lanes, Volumes, Timings
10: Masonic Ave & Anza St/O'Farrell St

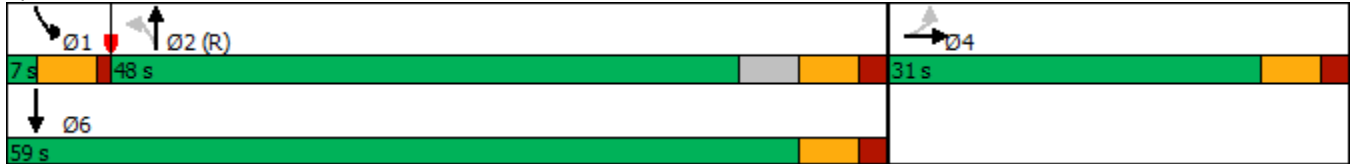
03/11/2021

Intersection Signal Delay: 65.8 Intersection LOS: E
Intersection Capacity Utilization 84.2% ICU Level of Service E
Analysis Period (min) 15

~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Splits and Phases: 10: Masonic Ave & Anza St/O'Farrell St



Lanes, Volumes, Timings
 27: Anza St & Collins St

03/11/2021



Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	34	220	134	15	12	24
Future Volume (vph)	34	220	134	15	12	24
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11
Grade (%)		0%	0%		0%	
Storage Length (ft)	0			0	0	0
Storage Lanes	0			0	1	1
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1788	1775	0	1711	1531
Flt Permitted		0.993			0.950	
Satd. Flow (perm)	0	1788	1775	0	1711	1531
Link Speed (mph)		25	25		25	
Link Distance (ft)		1174	663		446	
Travel Time (s)		32.0	18.1		12.2	
Lane Group Flow (vph)	0	285	168	0	13	27
Sign Control		Free	Free		Stop	

Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	39.2% ICU Level of Service A
Analysis Period (min)	15
Description:	Collins Ave

Lanes and Geometrics
2: Park Presidio & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↖	↗		↖	↗			↑↑↑			↑↑↑	
Traffic Volume (vph)	19	59	22	106	47	17	0	1970	94	0	1289	61
Future Volume (vph)	19	59	22	106	47	17	0	1970	94	0	1289	61
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	65		0	65		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	1711	1715	0	1711	1719	0	0	4876	0	0	4878	0
Flt Permitted	0.715			0.704								
Satd. Flow (perm)	1272	1715	0	1247	1719	0	0	4876	0	0	4878	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		21			10			14				14
Link Speed (mph)		25			25			25				25
Link Distance (ft)		152			153			681				705
Travel Time (s)		4.1			4.2			18.6				19.2
Lane Group Flow (vph)	19	82	0	108	65	0	0	2106	0	0	1377	0
Turn Type	Perm	NA		Perm	NA			NA			NA	
Protected Phases		4			8			2				6
Permitted Phases	4			8								
Total Split (s)	32.0	32.0		32.0	32.0			58.0				58.0
Total Lost Time (s)	5.1	5.1		5.1	5.1			5.0				5.0
Act Effct Green (s)	11.5	11.5		11.7	11.7			57.2				57.2
Actuated g/C Ratio	0.15	0.15		0.15	0.15			0.76				0.76
v/c Ratio	0.10	0.29		0.56	0.24			0.57				0.37
Control Delay	27.3	24.3		40.4	25.8			6.3				4.7
Queue Delay	0.0	0.0		0.0	0.0			0.0				0.0
Total Delay	27.3	24.3		40.4	25.8			6.3				4.7
LOS	C	C		D	C			A				A
Approach Delay		24.9			34.9			6.3				4.7
Approach LOS		C			C			A				A
Queue Length 50th (ft)	8	25		47	23			147				76
Queue Length 95th (ft)	25	62		95	55			246				129
Internal Link Dist (ft)		72			73			601				625
Turn Bay Length (ft)	65			65								
Base Capacity (vph)	453	624		444	619			3695				3696
Starvation Cap Reductn	0	0		0	0			0				0
Spillback Cap Reductn	0	0		0	0			0				0
Storage Cap Reductn	0	0		0	0			0				0
Reduced v/c Ratio	0.04	0.13		0.24	0.11			0.57				0.37

Intersection Summary

Area Type:	Other
Cycle Length:	90
Actuated Cycle Length:	75.6
Control Type:	Actuated-Uncoordinated
Maximum v/c Ratio:	0.57
Intersection Signal Delay:	7.5
Intersection LOS:	A

Lanes and Geometrics
2: Park Presidio & Anza St

03/11/2021

Intersection Capacity Utilization 68.6%
Analysis Period (min) 15
Description: Park Presidio

ICU Level of Service C

Splits and Phases: 2: Park Presidio & Anza St



Lanes and Geometrics
5: Arguello Blvd & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔		↔	↔			↔	↔	↔	↔	
Traffic Volume (vph)	22	162	16	23	83	29	2	168	62	29	136	24
Future Volume (vph)	22	162	16	23	83	29	2	168	62	29	136	24
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%				0%
Storage Length (ft)	0		0	50		0	0		140	0		0
Storage Lanes	0		0	1		0	0		1	1		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1764	0	1711	1713	0	0	1799	1531	1711	1743	0
Flt Permitted		0.954		0.625				0.997		0.643		
Satd. Flow (perm)	0	1688	0	1095	1713	0	0	1795	1402	1099	1743	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		8			31				127			17
Link Speed (mph)		25			25			25				25
Link Distance (ft)		318			302			485				672
Travel Time (s)		8.7			8.2			13.2				18.3
Lane Group Flow (vph)	0	212	0	24	119	0	0	181	66	31	171	0
Turn Type	Perm	NA		Perm	NA		Perm	NA	Perm	Perm	NA	
Protected Phases		4			8			2				6
Permitted Phases	4			8			2		2	6		
Total Split (s)	33.0	33.0		33.0	33.0		27.0	27.0	27.0	27.0	27.0	
Total Lost Time (s)		10.0		10.0	10.0			5.5	5.5	5.5	5.5	
Act Effct Green (s)		23.0		23.0	23.0			21.5	21.5	21.5	21.5	
Actuated g/C Ratio		0.38		0.38	0.38			0.36	0.36	0.36	0.36	
v/c Ratio		0.33		0.06	0.18			0.28	0.11	0.08	0.27	
Control Delay		14.3		14.1	11.9			15.3	1.1	13.5	13.7	
Queue Delay		0.0		0.0	0.0			0.0	0.0	0.0	0.0	
Total Delay		14.3		14.1	11.9			15.3	1.1	13.5	13.7	
LOS		B		B	B			B	A	B	B	
Approach Delay		14.3			12.3			11.5				13.6
Approach LOS		B			B			B				B
Queue Length 50th (ft)		50		6	22			45	0	7	38	
Queue Length 95th (ft)		95		19	51			87	6	23	77	
Internal Link Dist (ft)		238			222			405				592
Turn Bay Length (ft)				50					140			
Base Capacity (vph)		652		419	675			643	583	393	635	
Starvation Cap Reductn		0		0	0			0	0	0	0	
Spillback Cap Reductn		0		0	0			0	0	0	0	
Storage Cap Reductn		0		0	0			0	0	0	0	
Reduced v/c Ratio		0.33		0.06	0.18			0.28	0.11	0.08	0.27	

Intersection Summary

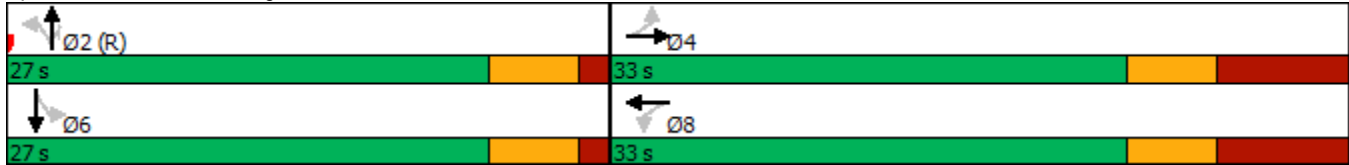
Area Type: Other
 Cycle Length: 60
 Actuated Cycle Length: 60
 Offset: 0 (0%), Referenced to phase 2:NBTL, Start of Green
 Control Type: Pretimed
 Maximum v/c Ratio: 0.33

Lanes and Geometrics
 5: Arguello Blvd & Anza St

03/11/2021

Intersection Signal Delay: 12.9	Intersection LOS: B
Intersection Capacity Utilization 72.5%	ICU Level of Service C
Analysis Period (min) 15	
Description: Arguello Blvd	

Splits and Phases: 5: Arguello Blvd & Anza St



Lanes and Geometrics
8: Stanyan St & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	15	203	74	33	99	22	38	247	55	18	171	22
Future Volume (vph)	15	203	74	33	99	22	38	247	55	18	171	22
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%				0%
Storage Length (ft)	25		0	50		0	0		0	0		0
Storage Lanes	1		0	1		0	1		0	1		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	1711	1711	0	1711	1739	0	1711	1743	0	1711	1763	0
Flt Permitted	0.668			0.527			0.620			0.493		
Satd. Flow (perm)	1182	1711	0	939	1739	0	1104	1743	0	883	1763	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		36			22			22				13
Link Speed (mph)		25			25			25				25
Link Distance (ft)		245			243			863				527
Travel Time (s)		6.7			6.6			23.5				14.4
Lane Group Flow (vph)	17	318	0	38	139	0	44	347	0	21	222	0
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2				6
Permitted Phases	4			8			2			6		
Total Split (s)	30.0	30.0		30.0	30.0		30.0	30.0		30.0	30.0	
Total Lost Time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	
Act Effct Green (s)	24.0	24.0		24.0	24.0		24.0	24.0		24.0	24.0	
Actuated g/C Ratio	0.40	0.40		0.40	0.40		0.40	0.40		0.40	0.40	
v/c Ratio	0.04	0.45		0.10	0.20		0.10	0.49		0.06	0.31	
Control Delay	19.0	23.2		12.2	10.7		12.1	15.4		11.8	13.1	
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Total Delay	19.0	23.2		12.2	10.7		12.1	15.4		11.8	13.1	
LOS	B	C		B	B		B	B		B	B	
Approach Delay		23.0			11.0			15.0				13.0
Approach LOS		C			B			B				B
Queue Length 50th (ft)	5	101		8	26		10	83		5	49	
Queue Length 95th (ft)	m17	163		24	55		26	142		16	90	
Internal Link Dist (ft)		165			163			783				447
Turn Bay Length (ft)	25			50								
Base Capacity (vph)	472	706		375	708		441	710		353	713	
Starvation Cap Reductn	0	0		0	0		0	0		0	0	
Spillback Cap Reductn	0	0		0	0		0	0		0	0	
Storage Cap Reductn	0	0		0	0		0	0		0	0	
Reduced v/c Ratio	0.04	0.45		0.10	0.20		0.10	0.49		0.06	0.31	

Intersection Summary
Area Type: Other
Cycle Length: 60
Actuated Cycle Length: 60
Offset: 0 (0%), Referenced to phase 2:NBTL, Start of Green
Control Type: Pretimed
Maximum v/c Ratio: 0.49

Lanes and Geometrics

8: Stanyan St & Anza St

03/11/2021

Intersection Signal Delay: 16.3

Intersection LOS: B

Intersection Capacity Utilization 58.7%

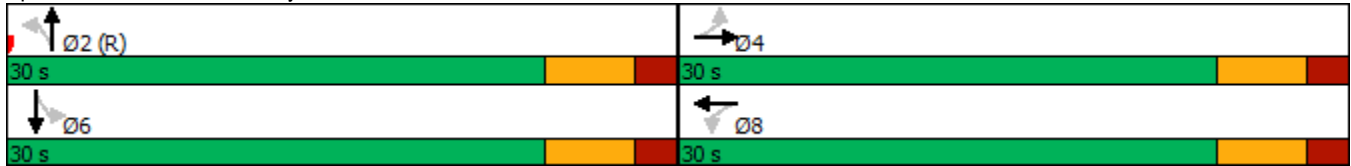
ICU Level of Service B

Analysis Period (min) 15

Description: Stanyan St

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 8: Stanyan St & Anza St



Lanes and Geometrics
 9: Parker Ave & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	29	226	22	34	98	30	9	99	35	15	69	26
Future Volume (vph)	29	226	22	34	98	30	9	99	35	15	69	26
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	50		0	0		0	0		0	0		0
Storage Lanes	1		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	1711	1777	0	0	1736	0	0	1736	0	0	1731	0
Flt Permitted	0.950				0.989			0.997			0.993	
Satd. Flow (perm)	1711	1777	0	0	1736	0	0	1736	0	0	1731	0
Link Speed (mph)		25			25			25			25	
Link Distance (ft)		339			1174			883			488	
Travel Time (s)		9.2			32.0			24.1			13.3	
Lane Group Flow (vph)	31	267	0	0	174	0	0	154	0	0	118	0
Sign Control		Stop			Stop			Stop			Stop	

Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	46.7%
	ICU Level of Service A
Analysis Period (min)	15
Description:	Parker Ave

Lanes and Geometrics

10: Masonic Ave & Anza St/O'Farrell St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕					↕	↕↔		↕	↕↔	
Traffic Volume (vph)	107	84	33	0	0	0	75	893	79	105	602	64
Future Volume (vph)	107	84	33	0	0	0	75	893	79	105	602	64
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		90	0		0	75		0	240		0
Storage Lanes	0		0	0		0	1		0	1		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1716	0	0	0	0	1711	3357	0	1711	3355	0
Flt Permitted		0.977					0.374			0.950		
Satd. Flow (perm)	0	1673	0	0	0	0	665	3357	0	1686	3355	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		9						15				22
Link Speed (mph)		25			25			25				25
Link Distance (ft)		663			563			324				432
Travel Time (s)		18.1			15.4			8.8				11.8
Lane Group Flow (vph)	0	246	0	0	0	0	82	1068	0	115	732	0
Turn Type	Perm	NA					Perm	NA		Prot	NA	
Protected Phases		4						2		1	6	
Permitted Phases	4						2					
Total Split (s)	31.0	31.0					48.0	48.0		7.0	59.0	
Total Lost Time (s)		6.0					6.0	6.0		5.0	6.0	
Act Effct Green (s)		25.0					46.0	46.0		2.0	53.0	
Actuated g/C Ratio		0.28					0.51	0.51		0.02	0.59	
v/c Ratio		0.52					0.24	0.62		3.03	0.37	
Control Delay		31.1					14.7	17.5		996.0	10.0	
Queue Delay		0.0					0.0	0.0		0.0	0.0	
Total Delay		31.1					14.7	17.5		996.0	10.0	
LOS		C					B	B		F	B	
Approach Delay		31.1						17.3			143.9	
Approach LOS		C						B			F	
Queue Length 50th (ft)		113					25	214		~115	102	
Queue Length 95th (ft)		188					55	278		#221	137	
Internal Link Dist (ft)		583			483			244			352	
Turn Bay Length (ft)							75			240		
Base Capacity (vph)		471					339	1723		38	1984	
Starvation Cap Reductn		0					0	0		0	0	
Spillback Cap Reductn		0					0	0		0	0	
Storage Cap Reductn		0					0	0		0	0	
Reduced v/c Ratio		0.52					0.24	0.62		3.03	0.37	

Intersection Summary

Area Type: Other
 Cycle Length: 90
 Actuated Cycle Length: 90
 Offset: 0 (0%), Referenced to phase 2:NBTL, Start of Green
 Control Type: Pretimed
 Maximum v/c Ratio: 3.03

Lanes and Geometrics

10: Masonic Ave & Anza St/O'Farrell St

03/11/2021

Intersection Signal Delay: 66.6

Intersection LOS: E

Intersection Capacity Utilization 84.2%

ICU Level of Service E

Analysis Period (min) 15

Description: Masonic Ave

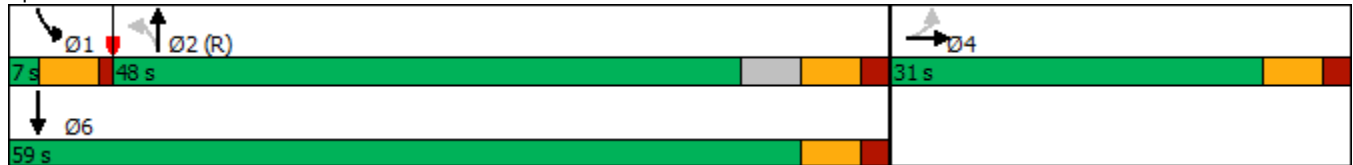
~ Volume exceeds capacity, queue is theoretically infinite.

Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.

Splits and Phases: 10: Masonic Ave & Anza St/O'Farrell St



Lanes and Geometrics
 27: Anza St & Collins St

03/11/2021



Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	34	220	134	15	12	24
Future Volume (vph)	34	220	134	15	12	24
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11
Grade (%)		0%	0%		0%	
Storage Length (ft)	0			0	0	0
Storage Lanes	0			0	1	0
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1788	1775	0	1611	0
Flt Permitted		0.993			0.984	
Satd. Flow (perm)	0	1788	1775	0	1611	0
Link Speed (mph)		25	25		25	
Link Distance (ft)		1174	663		446	
Travel Time (s)		32.0	18.1		12.2	
Lane Group Flow (vph)	0	285	168	0	40	0
Sign Control		Free	Free		Stop	

Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	39.2%
	ICU Level of Service A
Analysis Period (min)	15
Description:	Collins Ave

Lanes, Volumes, Timings
2: Park Presidio & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↖	↗		↖	↗			↑↑↑			↑↑↑	
Traffic Volume (vph)	22	76	52	215	113	32	0	2009	74	0	1663	96
Future Volume (vph)	22	76	52	215	113	32	0	2009	74	0	1663	96
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	75		0	195		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	1711	1670	0	1711	1730	0	0	4888	0	0	4873	0
Flt Permitted	0.643			0.673								
Satd. Flow (perm)	1141	1670	0	1193	1730	0	0	4888	0	0	4873	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		21			9			11				17
Link Speed (mph)		25			25			25				25
Link Distance (ft)		152			153			681				705
Travel Time (s)		4.1			4.2			18.6				19.2
Lane Group Flow (vph)	22	131	0	219	148	0	0	2126	0	0	1795	0
Turn Type	Perm	NA		Perm	NA			NA			NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8								
Total Split (s)	32.0	32.0		32.0	32.0			58.0			58.0	
Total Lost Time (s)	5.1	5.1		5.1	5.1			5.0			5.0	
Act Effct Green (s)	19.8	19.8		19.8	19.8			53.3			53.3	
Actuated g/C Ratio	0.24	0.24		0.24	0.24			0.64			0.64	
v/c Ratio	0.08	0.32		0.77	0.35			0.68			0.57	
Control Delay	24.1	23.2		48.0	26.5			11.8			10.1	
Queue Delay	0.0	0.0		0.0	0.0			0.0			0.0	
Total Delay	24.1	23.2		48.0	26.5			11.8			10.1	
LOS	C	C		D	C			B			B	
Approach Delay		23.3			39.3			11.8			10.1	
Approach LOS		C			D			B			B	
Queue Length 50th (ft)	9	47		106	60			231			174	
Queue Length 95th (ft)	27	93		186	110			353			267	
Internal Link Dist (ft)		72			73			601			625	
Turn Bay Length (ft)	75			195								
Base Capacity (vph)	370	556		387	568			3133			3126	
Starvation Cap Reductn	0	0		0	0			0			0	
Spillback Cap Reductn	0	0		0	0			0			0	
Storage Cap Reductn	0	0		0	0			0			0	
Reduced v/c Ratio	0.06	0.24		0.57	0.26			0.68			0.57	

Intersection Summary

Area Type:	Other
Cycle Length:	90
Actuated Cycle Length:	83.2
Control Type:	Actuated-Uncoordinated
Maximum v/c Ratio:	0.77
Intersection Signal Delay:	13.8
Intersection LOS:	B

Lanes, Volumes, Timings

2: Park Presidio & Anza St

03/11/2021

Intersection Capacity Utilization 83.5%

ICU Level of Service E

Analysis Period (min) 15

Description: Park Presidio

Splits and Phases: 2: Park Presidio & Anza St



Lanes, Volumes, Timings
5: Arguello Blvd & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	27	207	19	76	148	52	7	159	78	39	261	40
Future Volume (vph)	27	207	19	76	148	52	7	159	78	39	261	40
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	60		0	215		0	0		0	0		0
Storage Lanes	1		0	1		0	0		1	1		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	1711	1768	0	1711	1699	0	0	1797	1531	1711	1736	0
Flt Permitted	0.619			0.602				0.982		0.640		
Satd. Flow (perm)	1073	1768	0	1039	1699	0	0	1764	1385	1077	1736	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		9			34				127			14
Link Speed (mph)		25			25			25				25
Link Distance (ft)		318			302			485				672
Travel Time (s)		8.7			8.2			13.2				18.3
Lane Group Flow (vph)	30	254	0	85	224	0	0	187	88	44	338	0
Turn Type	Perm	NA		Perm	NA		Perm	NA	Perm	Perm	NA	
Protected Phases		4			8			2				6
Permitted Phases	4			8			2		2	6		
Total Split (s)	33.0	33.0		33.0	33.0		27.0	27.0	27.0	27.0	27.0	
Total Lost Time (s)	10.0	10.0		10.0	10.0			5.5	5.5	5.5	5.5	
Act Effct Green (s)	23.0	23.0		23.0	23.0			21.5	21.5	21.5	21.5	
Actuated g/C Ratio	0.38	0.38		0.38	0.38			0.36	0.36	0.36	0.36	
v/c Ratio	0.07	0.37		0.21	0.33			0.30	0.15	0.11	0.54	
Control Delay	12.4	14.8		17.4	16.1			15.5	2.1	13.9	18.4	
Queue Delay	0.0	0.0		0.0	0.0			0.0	0.0	0.0	0.0	
Total Delay	12.4	14.8		17.4	16.1			15.5	2.1	13.9	18.4	
LOS	B	B		B	B			B	A	B	B	
Approach Delay		14.5			16.4			11.2				17.9
Approach LOS		B			B			B				B
Queue Length 50th (ft)	7	61		23	52			47	0	10	90	
Queue Length 95th (ft)	21	111		49	97			89	14	29	158	
Internal Link Dist (ft)		238			222			405				592
Turn Bay Length (ft)	60			215								
Base Capacity (vph)	411	683		398	672			632	577	385	631	
Starvation Cap Reductn	0	0		0	0			0	0	0	0	
Spillback Cap Reductn	0	0		0	0			0	0	0	0	
Storage Cap Reductn	0	0		0	0			0	0	0	0	
Reduced v/c Ratio	0.07	0.37		0.21	0.33			0.30	0.15	0.11	0.54	

Intersection Summary

Area Type: Other
 Cycle Length: 60
 Actuated Cycle Length: 60
 Offset: 0 (0%), Referenced to phase 2:NBTL, Start of Green
 Control Type: Pretimed
 Maximum v/c Ratio: 0.54

Lanes, Volumes, Timings

5: Arguello Blvd & Anza St

03/11/2021

Intersection Signal Delay: 15.3

Intersection LOS: B

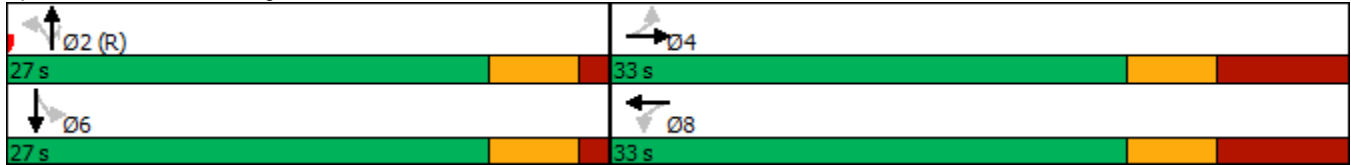
Intersection Capacity Utilization 77.0%

ICU Level of Service D

Analysis Period (min) 15

Description: Arguello Blvd

Splits and Phases: 5: Arguello Blvd & Anza St



Lanes, Volumes, Timings
8: Stanyan St & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔↔			↔↔		↗	↖		↗	↖	
Traffic Volume (vph)	19	209	58	83	179	28	35	272	67	22	234	63
Future Volume (vph)	19	209	58	83	179	28	35	272	67	22	234	63
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		0	0		0	0		0	0		0
Storage Lanes	0		0	0		0	1		0	1		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	3273	0	0	3303	0	1711	1736	0	1711	1732	0
Flt Permitted		0.922			0.773		0.524			0.473		
Satd. Flow (perm)	0	3020	0	0	2573	0	933	1736	0	843	1732	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		62			22			25				27
Link Speed (mph)		25			25			25				25
Link Distance (ft)		245			240			863				527
Travel Time (s)		6.7			6.5			23.5				14.4
Lane Group Flow (vph)	0	307	0	0	311	0	38	364	0	24	320	0
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2				6
Permitted Phases	4			8			2			6		
Total Split (s)	30.0	30.0		30.0	30.0		30.0	30.0		30.0	30.0	
Total Lost Time (s)		6.0			6.0		6.0	6.0		6.0	6.0	
Act Effct Green (s)		24.0			24.0		24.0	24.0		24.0	24.0	
Actuated g/C Ratio		0.40			0.40		0.40	0.40		0.40	0.40	
v/c Ratio		0.25			0.30		0.10	0.51		0.07	0.45	
Control Delay		20.2			12.3		12.3	15.7		12.0	14.5	
Queue Delay		0.0			0.0		0.0	0.0		0.0	0.0	
Total Delay		20.2			12.3		12.3	15.7		12.0	14.5	
LOS		C			B		B	B		B	B	
Approach Delay		20.2			12.3			15.4			14.3	
Approach LOS		C			B			B			B	
Queue Length 50th (ft)		43			35		8	88		5	74	
Queue Length 95th (ft)		80			61		25	157		18	134	
Internal Link Dist (ft)		165			160			783			447	
Turn Bay Length (ft)												
Base Capacity (vph)		1245			1042		373	709		337	709	
Starvation Cap Reductn		0			0		0	0		0	0	
Spillback Cap Reductn		0			0		0	0		0	0	
Storage Cap Reductn		0			0		0	0		0	0	
Reduced v/c Ratio		0.25			0.30		0.10	0.51		0.07	0.45	

Intersection Summary

Area Type: Other
 Cycle Length: 60
 Actuated Cycle Length: 60
 Offset: 0 (0%), Referenced to phase 2:NBTL, Start of Green
 Control Type: Pretimed
 Maximum v/c Ratio: 0.51

Lanes, Volumes, Timings

8: Stanyan St & Anza St

03/11/2021

Intersection Signal Delay: 15.5

Intersection LOS: B

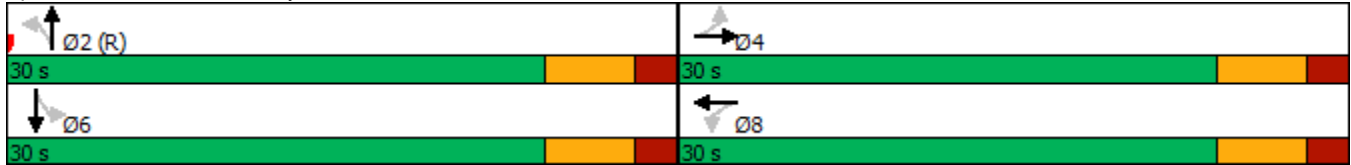
Intersection Capacity Utilization 59.4%

ICU Level of Service B

Analysis Period (min) 15

Description: Stanyan St

Splits and Phases: 8: Stanyan St & Anza St



Lanes, Volumes, Timings
9: Parker Ave & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕	↗		↕			↕			↕	
Traffic Volume (vph)	45	240	23	59	201	33	14	82	28	30	100	53
Future Volume (vph)	45	240	23	59	201	33	14	82	28	30	100	53
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		206	0		0	0		0	0		0
Storage Lanes	0		1	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1786	1531	0	1756	0	0	1734	0	0	1717	0
Flt Permitted		0.992			0.990			0.994			0.992	
Satd. Flow (perm)	0	1786	1531	0	1756	0	0	1734	0	0	1717	0
Link Speed (mph)		25			25			25			25	
Link Distance (ft)		291			1174			883			488	
Travel Time (s)		7.9			32.0			24.1			13.3	
Lane Group Flow (vph)	0	303	24	0	312	0	0	132	0	0	194	0
Sign Control		Stop			Stop			Stop			Stop	

Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	57.6%
ICU Level of Service	B
Analysis Period (min)	15
Description:	Parker Ave

Lanes, Volumes, Timings
 10: Masonic Ave & Anza St/O'Farrell St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔↔					↔	↔↔		↔	↔↔	
Traffic Volume (vph)	104	123	74	0	0	0	84	599	109	183	1016	90
Future Volume (vph)	104	123	74	0	0	0	84	599	109	183	1016	90
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	90		0	0		0	75		0	240		0
Storage Lanes	0		0	0		0	1		0	1		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	3214	0	0	0	0	1711	3317	0	1711	3365	0
Flt Permitted		0.983					0.211			0.950		
Satd. Flow (perm)	0	3155	0	0	0	0	377	3317	0	1687	3365	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		49						34				18
Link Speed (mph)		25			25			25				25
Link Distance (ft)		663			563			324				432
Travel Time (s)		18.1			15.4			8.8				11.8
Lane Group Flow (vph)	0	316	0	0	0	0	88	746	0	193	1164	0
Turn Type	Perm	NA					Perm	NA		Prot	NA	
Protected Phases		4						2		1	6	
Permitted Phases	4						2					
Total Split (s)	31.0	31.0					48.0	48.0		7.0	59.0	
Total Lost Time (s)		6.0					6.0	6.0		5.0	6.0	
Act Effct Green (s)		25.0					46.0	46.0		2.0	53.0	
Actuated g/C Ratio		0.28					0.51	0.51		0.02	0.59	
v/c Ratio		0.35					0.46	0.44		5.08	0.59	
Control Delay		23.0					23.8	14.1		1903.9	12.9	
Queue Delay		0.0					0.0	0.0		0.0	0.0	
Total Delay		23.0					23.8	14.1		1903.9	12.9	
LOS		C					C	B		F	B	
Approach Delay		23.0						15.1			281.8	
Approach LOS		C						B			F	
Queue Length 50th (ft)		63					30	126		~208	198	
Queue Length 95th (ft)		100					79	171		#341	257	
Internal Link Dist (ft)		583			483			244			352	
Turn Bay Length (ft)							75			240		
Base Capacity (vph)		911					192	1711		38	1989	
Starvation Cap Reductn		0					0	0		0	0	
Spillback Cap Reductn		0					0	0		0	0	
Storage Cap Reductn		0					0	0		0	0	
Reduced v/c Ratio		0.35					0.46	0.44		5.08	0.59	

Intersection Summary

Area Type: Other
 Cycle Length: 90
 Actuated Cycle Length: 90
 Offset: 0 (0%), Referenced to phase 2:NBTL, Start of Green
 Control Type: Pretimed
 Maximum v/c Ratio: 5.08

Lanes, Volumes, Timings
 10: Masonic Ave & Anza St/O'Farrell St

03/11/2021

Intersection Signal Delay: 160.5 Intersection LOS: F
 Intersection Capacity Utilization 84.7% ICU Level of Service E

Analysis Period (min) 15

Description: Masonic Ave

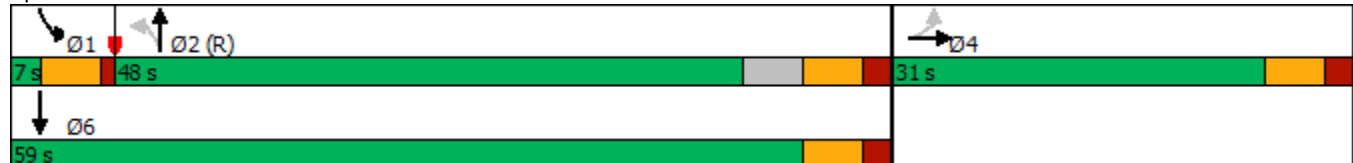
~ Volume exceeds capacity, queue is theoretically infinite.

Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.

Splits and Phases: 10: Masonic Ave & Anza St/O'Farrell St



Lanes, Volumes, Timings
27: Anza St & Collins St

03/11/2021



Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	37	285	162	17	9	49
Future Volume (vph)	37	285	162	17	9	49
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11
Grade (%)		0%	0%		0%	
Storage Length (ft)	0			0	0	0
Storage Lanes	0			0	1	1
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1790	1777	0	1711	1531
Flt Permitted		0.994			0.950	
Satd. Flow (perm)	0	1790	1777	0	1711	1531
Link Speed (mph)		25	25		25	
Link Distance (ft)		1174	663		446	
Travel Time (s)		32.0	18.1		12.2	
Lane Group Flow (vph)	0	354	197	0	10	54
Sign Control		Free	Free		Stop	

Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	44.1% ICU Level of Service A
Analysis Period (min)	15
Description:	Collins Ave

Lanes, Volumes, Timings
2: Park Presidio & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↖	↗		↖	↗			↑↑↑			↑↑↑	
Traffic Volume (vph)	22	76	52	215	113	32	0	2009	74	0	1663	96
Future Volume (vph)	22	76	52	215	113	32	0	2009	74	0	1663	96
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	65		0	65		0	0		0	0		0
Storage Lanes	1		0	1		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	1711	1670	0	1711	1730	0	0	4888	0	0	4873	0
Flt Permitted	0.643			0.673								
Satd. Flow (perm)	1141	1670	0	1193	1730	0	0	4888	0	0	4873	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		21			9			11				17
Link Speed (mph)		25			25			25				25
Link Distance (ft)		152			153			681				705
Travel Time (s)		4.1			4.2			18.6				19.2
Lane Group Flow (vph)	22	131	0	219	148	0	0	2126	0	0	1795	0
Turn Type	Perm	NA		Perm	NA			NA			NA	
Protected Phases		4			8			2				6
Permitted Phases	4			8								
Total Split (s)	32.0	32.0		32.0	32.0			58.0				58.0
Total Lost Time (s)	5.1	5.1		5.1	5.1			5.0				5.0
Act Effect Green (s)	19.8	19.8		19.8	19.8			53.3				53.3
Actuated g/C Ratio	0.24	0.24		0.24	0.24			0.64				0.64
v/c Ratio	0.08	0.32		0.77	0.35			0.68				0.57
Control Delay	24.1	23.2		48.0	26.5			11.8				10.1
Queue Delay	0.0	0.0		0.0	0.0			0.0				0.0
Total Delay	24.1	23.2		48.0	26.5			11.8				10.1
LOS	C	C		D	C			B				B
Approach Delay		23.3			39.3			11.8				10.1
Approach LOS		C			D			B				B
Queue Length 50th (ft)	9	47		106	60			231				174
Queue Length 95th (ft)	27	93		186	110			353				267
Internal Link Dist (ft)		72			73			601				625
Turn Bay Length (ft)	65			65								
Base Capacity (vph)	370	556		387	568			3133				3126
Starvation Cap Reductn	0	0		0	0			0				0
Spillback Cap Reductn	0	0		0	0			0				0
Storage Cap Reductn	0	0		0	0			0				0
Reduced v/c Ratio	0.06	0.24		0.57	0.26			0.68				0.57

Intersection Summary

Area Type:	Other
Cycle Length:	90
Actuated Cycle Length:	83.2
Control Type:	Actuated-Uncoordinated
Maximum v/c Ratio:	0.77
Intersection Signal Delay:	13.8
Intersection LOS:	B

Lanes, Volumes, Timings

2: Park Presidio & Anza St

03/11/2021

Intersection Capacity Utilization 83.5%

ICU Level of Service E

Analysis Period (min) 15

Description: Park Presidio

Splits and Phases: 2: Park Presidio & Anza St



Lanes, Volumes, Timings
5: Arguello Blvd & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↔		↔	↔			↔	↔	↔	↔	
Traffic Volume (vph)	27	207	19	76	148	52	7	159	78	39	261	40
Future Volume (vph)	27	207	19	76	148	52	7	159	78	39	261	40
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%				0%
Storage Length (ft)	0		0	50		0	0		140	0		0
Storage Lanes	0		0	1		0	0		1	1		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1764	0	1711	1699	0	0	1797	1531	1711	1736	0
Flt Permitted		0.937		0.586				0.982		0.640		
Satd. Flow (perm)	0	1654	0	1013	1699	0	0	1764	1289	1027	1736	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		8			34				127			14
Link Speed (mph)		25			25			25				25
Link Distance (ft)		318			302			485				672
Travel Time (s)		8.7			8.2			13.2				18.3
Lane Group Flow (vph)	0	284	0	85	224	0	0	187	88	44	338	0
Turn Type	Perm	NA		Perm	NA		Perm	NA	Perm	Perm	NA	
Protected Phases		4			8			2				6
Permitted Phases	4			8			2		2	6		
Total Split (s)	33.0	33.0		33.0	33.0		27.0	27.0	27.0	27.0	27.0	
Total Lost Time (s)		10.0		10.0	10.0			5.5	5.5	5.5	5.5	
Act Effct Green (s)		23.0		23.0	23.0			21.5	21.5	21.5	21.5	
Actuated g/C Ratio		0.38		0.38	0.38			0.36	0.36	0.36	0.36	
v/c Ratio		0.45		0.22	0.33			0.30	0.16	0.12	0.54	
Control Delay		16.1		17.4	15.9			15.5	2.2	14.1	18.4	
Queue Delay		0.0		0.0	0.0			0.0	0.0	0.0	0.0	
Total Delay		16.1		17.4	15.9			15.5	2.2	14.1	18.4	
LOS		B		B	B			B	A	B	B	
Approach Delay		16.1			16.3			11.2				17.9
Approach LOS		B			B			B				B
Queue Length 50th (ft)		71		23	52			47	0	10	90	
Queue Length 95th (ft)		128		49	96			89	14	29	158	
Internal Link Dist (ft)		238			222			405				592
Turn Bay Length (ft)				50					140			
Base Capacity (vph)		638		388	672			632	543	368	631	
Starvation Cap Reductn		0		0	0			0	0	0	0	
Spillback Cap Reductn		0		0	0			0	0	0	0	
Storage Cap Reductn		0		0	0			0	0	0	0	
Reduced v/c Ratio		0.45		0.22	0.33			0.30	0.16	0.12	0.54	

Intersection Summary

Area Type: Other
 Cycle Length: 60
 Actuated Cycle Length: 60
 Offset: 0 (0%), Referenced to phase 2:NBTL, Start of Green
 Control Type: Pretimed
 Maximum v/c Ratio: 0.54

Lanes, Volumes, Timings

5: Arguello Blvd & Anza St

03/11/2021

Intersection Signal Delay: 15.6

Intersection LOS: B

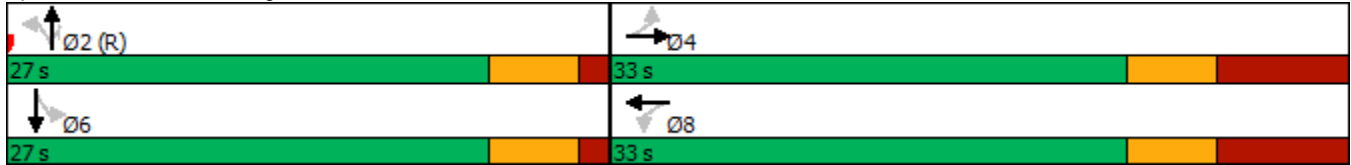
Intersection Capacity Utilization 80.5%

ICU Level of Service D

Analysis Period (min) 15

Description: Arguello Blvd

Splits and Phases: 5: Arguello Blvd & Anza St



Lanes, Volumes, Timings
8: Stanyan St & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↖	↗		↖	↗		↖	↗		↖	↗	
Traffic Volume (vph)	19	209	58	83	179	28	35	272	67	22	234	63
Future Volume (vph)	19	209	58	83	179	28	35	272	67	22	234	63
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	25		0	50		0	0		0	0		0
Storage Lanes	1		0	1		0	1		0	1		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	1711	1723	0	1711	1748	0	1711	1730	0	1711	1724	0
Flt Permitted	0.620			0.564			0.524			0.473		
Satd. Flow (perm)	1073	1723	0	993	1748	0	925	1730	0	837	1724	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		28			16			25			27	
Link Speed (mph)		25			25			25			25	
Link Distance (ft)		245			243			863			527	
Travel Time (s)		6.7			6.6			23.5			14.4	
Lane Group Flow (vph)	20	287	0	89	222	0	38	364	0	24	320	0
Turn Type	Perm	NA		Perm	NA		Perm	NA		Perm	NA	
Protected Phases		4			8			2			6	
Permitted Phases	4			8			2			6		
Total Split (s)	30.0	30.0		30.0	30.0		30.0	30.0		30.0	30.0	
Total Lost Time (s)	6.0	6.0		6.0	6.0		6.0	6.0		6.0	6.0	
Act Effct Green (s)	24.0	24.0		24.0	24.0		24.0	24.0		24.0	24.0	
Actuated g/C Ratio	0.40	0.40		0.40	0.40		0.40	0.40		0.40	0.40	
v/c Ratio	0.05	0.41		0.22	0.31		0.10	0.51		0.07	0.45	
Control Delay	20.5	24.3		13.8	12.9		12.3	15.8		12.0	14.6	
Queue Delay	0.0	0.0		0.0	0.0		0.0	0.0		0.0	0.0	
Total Delay	20.5	24.3		13.8	12.9		12.3	15.8		12.0	14.6	
LOS	C	C		B	B		B	B		B	B	
Approach Delay		24.1			13.2			15.5			14.4	
Approach LOS		C			B			B			B	
Queue Length 50th (ft)	6	97		20	49		8	88		5	74	
Queue Length 95th (ft)	m16	165		48	93		25	157		18	135	
Internal Link Dist (ft)		165			163			783			447	
Turn Bay Length (ft)	25			50								
Base Capacity (vph)	429	706		397	708		370	707		334	705	
Starvation Cap Reductn	0	0		0	0		0	0		0	0	
Spillback Cap Reductn	0	0		0	0		0	0		0	0	
Storage Cap Reductn	0	0		0	0		0	0		0	0	
Reduced v/c Ratio	0.05	0.41		0.22	0.31		0.10	0.51		0.07	0.45	

Intersection Summary

Area Type: Other
 Cycle Length: 60
 Actuated Cycle Length: 60
 Offset: 0 (0%), Referenced to phase 2:NBTL, Start of Green
 Control Type: Pretimed
 Maximum v/c Ratio: 0.51

Lanes, Volumes, Timings

8: Stanyan St & Anza St

03/11/2021

Intersection Signal Delay: 16.6

Intersection LOS: B

Intersection Capacity Utilization 61.8%

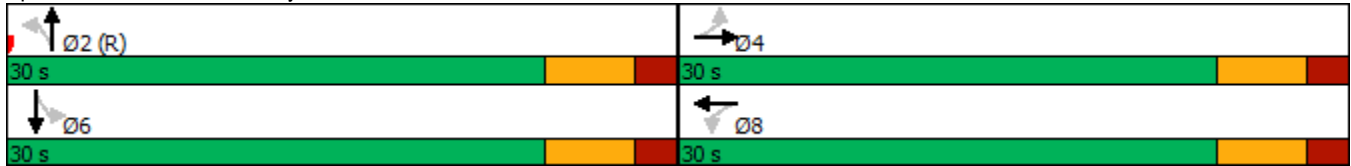
ICU Level of Service B

Analysis Period (min) 15

Description: Stanyan St

m Volume for 95th percentile queue is metered by upstream signal.

Splits and Phases: 8: Stanyan St & Anza St



Lanes, Volumes, Timings
 9: Parker Ave & Anza St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (vph)	45	240	23	59	201	33	14	82	28	30	100	53
Future Volume (vph)	45	240	23	59	201	33	14	82	28	30	100	53
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	50		0	50		0	0		0	0		0
Storage Lanes	1		0	0		0	0		0	0		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	1711	1777	0	0	1756	0	0	1734	0	0	1717	0
Flt Permitted	0.950				0.990			0.994			0.992	
Satd. Flow (perm)	1711	1777	0	0	1756	0	0	1734	0	0	1717	0
Link Speed (mph)		25			25			25			25	
Link Distance (ft)		339			1174			883			488	
Travel Time (s)		9.2			32.0			24.1			13.3	
Lane Group Flow (vph)	48	279	0	0	312	0	0	132	0	0	194	0
Sign Control		Stop			Stop			Stop			Stop	

Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	56.7%
ICU Level of Service	B
Analysis Period (min)	15
Description:	Parker Ave

Lanes, Volumes, Timings
 10: Masonic Ave & Anza St/O'Farrell St

03/11/2021



Lane Group	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕					↕	↕↔		↕	↕↔	
Traffic Volume (vph)	104	123	74	0	0	0	84	599	109	183	1016	90
Future Volume (vph)	104	123	74	0	0	0	84	599	109	183	1016	90
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11	11	11	11	11	11	11
Grade (%)		0%			0%			0%			0%	
Storage Length (ft)	0		90	0		0	75		0	240		0
Storage Lanes	0		0	0		0	1		0	1		0
Taper Length (ft)	25			25			25			25		
Satd. Flow (prot)	0	1699	0	0	0	0	1711	3300	0	1711	3365	0
Flt Permitted		0.983					0.211			0.950		
Satd. Flow (perm)	0	1668	0	0	0	0	377	3300	0	1672	3365	0
Right Turn on Red			Yes			Yes			Yes			Yes
Satd. Flow (RTOR)		18						34				18
Link Speed (mph)		25			25			25				25
Link Distance (ft)		663			563			324				432
Travel Time (s)		18.1			15.4			8.8				11.8
Lane Group Flow (vph)	0	316	0	0	0	0	88	746	0	193	1164	0
Turn Type	Perm	NA					Perm	NA		Prot	NA	
Protected Phases		4						2		1		6
Permitted Phases	4						2					
Total Split (s)	31.0	31.0					48.0	48.0		7.0		59.0
Total Lost Time (s)		6.0					6.0	6.0		5.0		6.0
Act Effct Green (s)		25.0					46.0	46.0		2.0		53.0
Actuated g/C Ratio		0.28					0.51	0.51		0.02		0.59
v/c Ratio		0.66					0.46	0.44		5.08		0.59
Control Delay		34.9					23.8	14.1		1903.9		12.9
Queue Delay		0.0					0.0	0.0		0.0		0.0
Total Delay		34.9					23.8	14.1		1903.9		12.9
LOS		C					C	B		F		B
Approach Delay		34.9						15.2				281.8
Approach LOS		C						B				F
Queue Length 50th (ft)		150					30	126		~208		198
Queue Length 95th (ft)		242					79	171		#341		257
Internal Link Dist (ft)		583			483			244				352
Turn Bay Length (ft)							75			240		
Base Capacity (vph)		476					192	1703		38		1989
Starvation Cap Reductn		0					0	0		0		0
Spillback Cap Reductn		0					0	0		0		0
Storage Cap Reductn		0					0	0		0		0
Reduced v/c Ratio		0.66					0.46	0.44		5.08		0.59

Intersection Summary

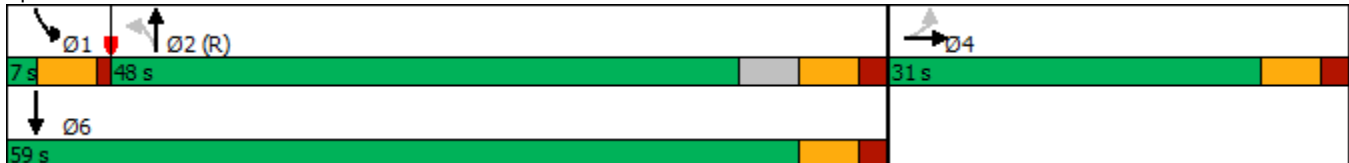
Area Type: Other
 Cycle Length: 90
 Actuated Cycle Length: 90
 Offset: 0 (0%), Referenced to phase 2:NBTL, Start of Green
 Control Type: Pretimed
 Maximum v/c Ratio: 5.08

Lanes, Volumes, Timings
 10: Masonic Ave & Anza St/O'Farrell St

03/11/2021

Intersection Signal Delay: 162.0 Intersection LOS: F
 Intersection Capacity Utilization 87.7% ICU Level of Service E
 Analysis Period (min) 15
 Description: Masonic Ave
 ~ Volume exceeds capacity, queue is theoretically infinite.
 Queue shown is maximum after two cycles.
 # 95th percentile volume exceeds capacity, queue may be longer.
 Queue shown is maximum after two cycles.

Splits and Phases: 10: Masonic Ave & Anza St/O'Farrell St



Lanes, Volumes, Timings
27: Anza St & Collins

03/11/2021

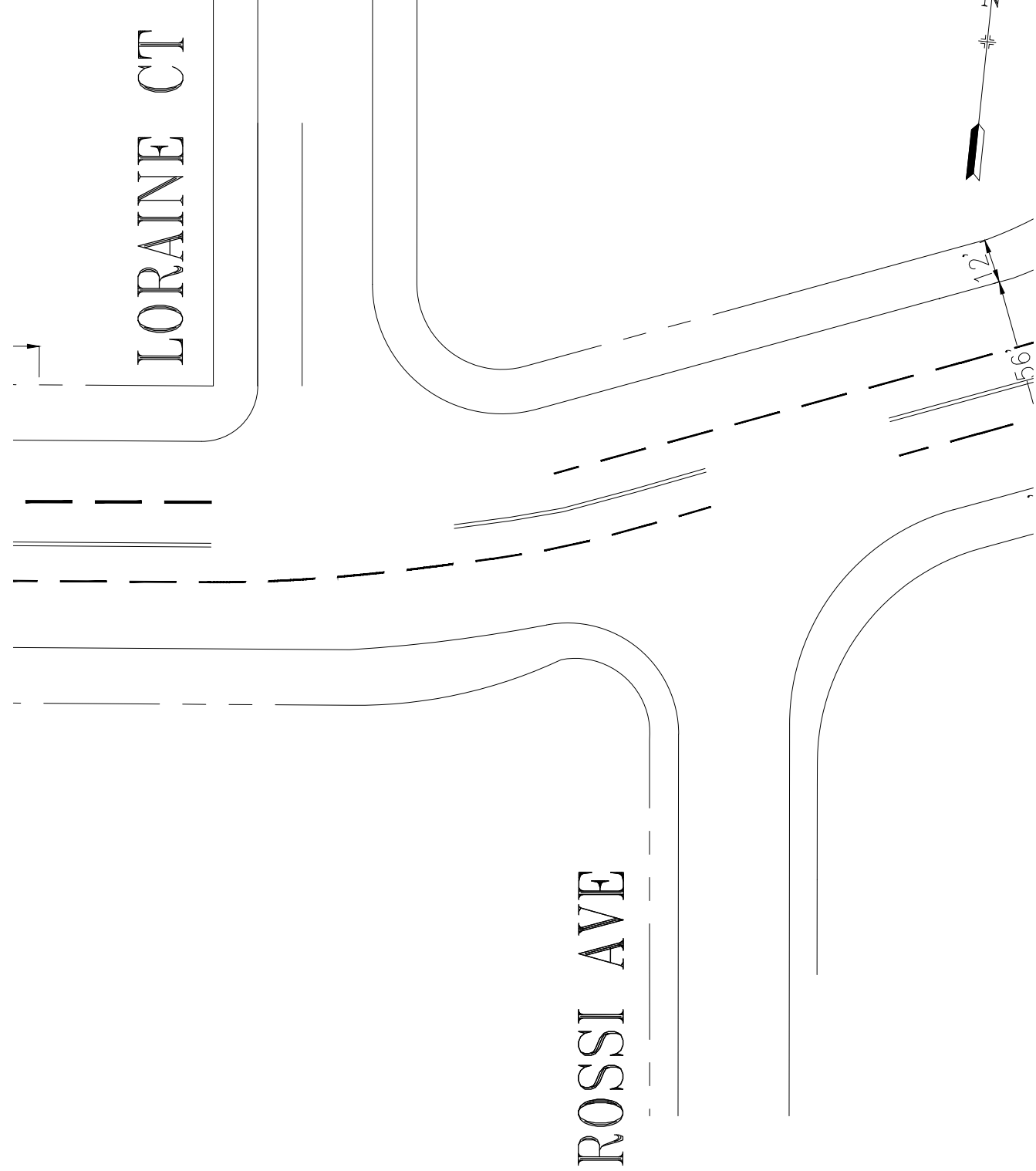


Lane Group	EBL	EBT	WBT	WBR	SBL	SBR
Lane Configurations						
Traffic Volume (vph)	37	285	162	17	9	49
Future Volume (vph)	37	285	162	17	9	49
Ideal Flow (vphpl)	1900	1900	1900	1900	1900	1900
Lane Width (ft)	11	11	11	11	11	11
Grade (%)		0%	0%		0%	
Storage Length (ft)	0			0	0	0
Storage Lanes	0			0	1	0
Taper Length (ft)	25				25	
Satd. Flow (prot)	0	1790	1777	0	1583	0
Flt Permitted		0.994			0.992	
Satd. Flow (perm)	0	1790	1777	0	1583	0
Link Speed (mph)		25	25		25	
Link Distance (ft)		1174	663		446	
Travel Time (s)		32.0	18.1		12.2	
Lane Group Flow (vph)	0	354	197	0	64	0
Sign Control		Free	Free		Stop	

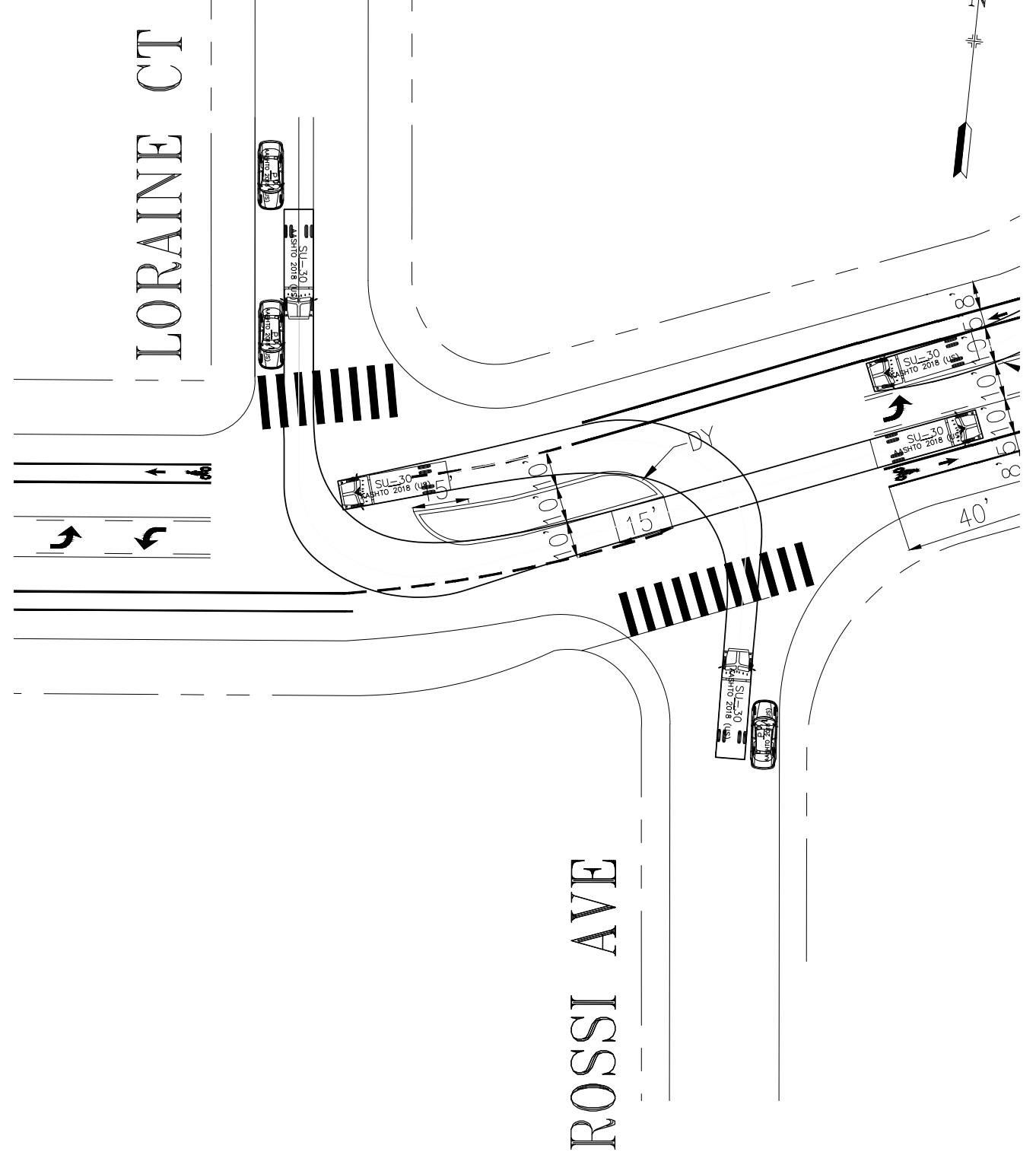
Intersection Summary

Area Type:	Other
Control Type:	Unsignalized
Intersection Capacity Utilization	44.6%
	ICU Level of Service A
Analysis Period (min)	15
Description:	Collins Ave

PLAN - EXISTING



PLAN - PROPOSED



NO.	DATE	DESCRIPTION	BY	APP
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				



SFMTA



DRAWN:	DATE:
M. MANALO	03/09/21
CHECKED:	DATE:
A. UY	03/09/21

APPROVED	DATE:
MIKE SALLABERRY ###/###/##	###/###/##
SENIOR ENGINEER	CITY TRAFFIC ENGINEER
DATE:	DATE:
###/###/##	###/###/##

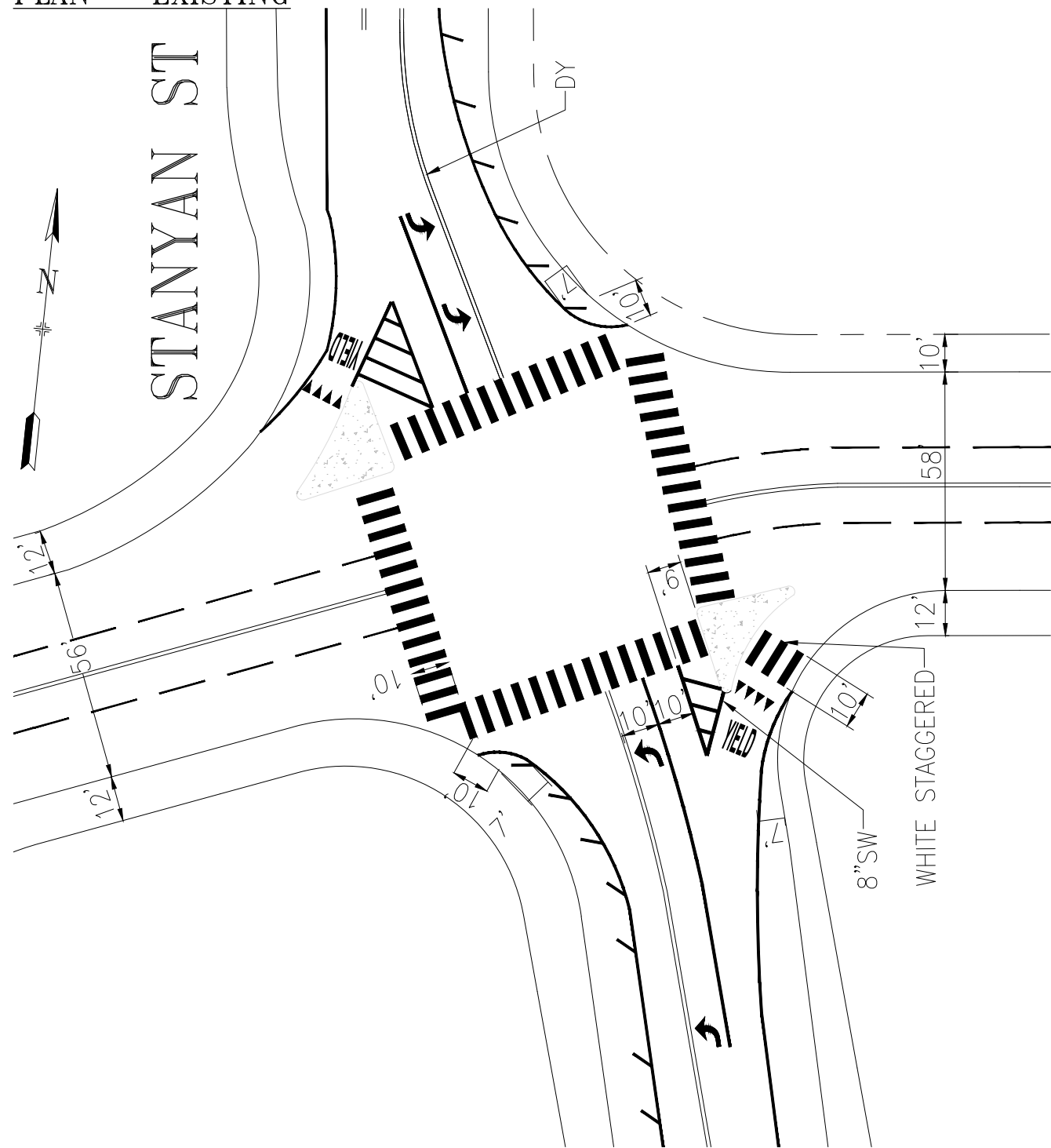
SCALE:
1" = 20'
SHEET/SHEETS:
1

AUTOTURN TEMPLATE SU-30
ANZA STREET AT LORAIN CT

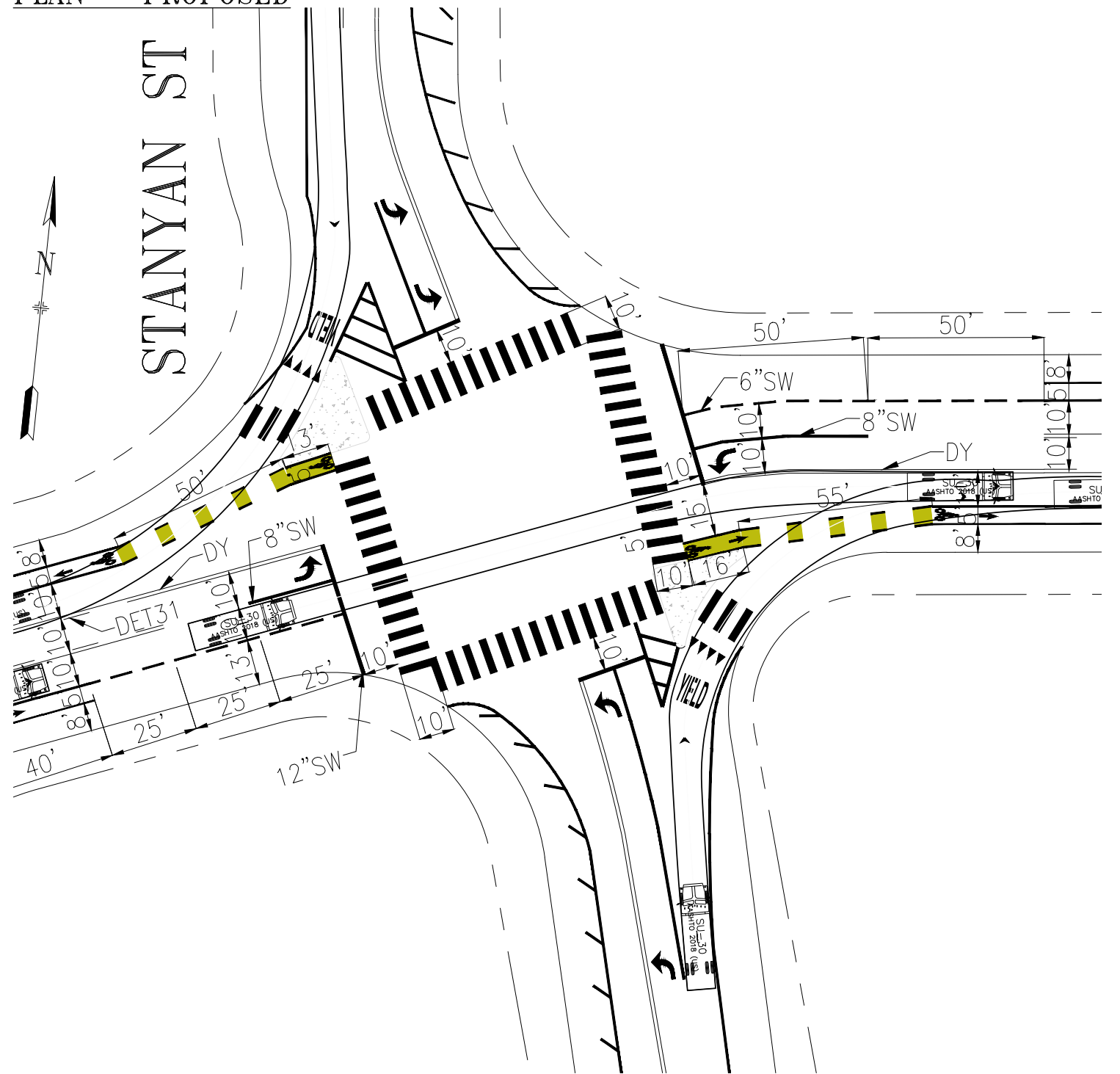
CONTRACT NO.
DRAWING NO. DRAFT
FILE NO.
REV. NO. DRAFT

FILE NAME:
DATE: --/--/---

PLAN - EXISTING



PLAN - PROPOSED



NO.	DATE	DESCRIPTION	BY	APP
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				



DATE: 03/09/21

DRAWN: M. MANALO
 DATE: 03/09/21
 CHECKED: A. UY
 DATE: 03/09/21

APPROVED
 MIKE SALLABERRY
 SENIOR ENGINEER
 RICARDO OLEA
 CITY TRAFFIC ENGINEER

SCALE: 1" = 20'
 SHEET/SHEETS: 2

AUTOTURN TEMPLATE
 SU-30
 ANZA STREET
 AT STANYAN STREET

CONTRACT NO.
 DRAWING NO. DRAFT
 FILE NO.
 REV. NO. DRAFT

FILE NAME:
 DATE: --/--/---