

**THE INTERSECTION IMPROVEMENTS AT
NORBRIDGE AVENUE AND STROBRIDGE AVENUE
IN THE VICINITY OF INTERSTATE 580
ALAMEDA COUNTY, CALIFORNIA
SPECIFICATION NO. 2445**

This addendum is issued by the County of Alameda, Public Works Agency, Construction and Development Services Department, 399 Elmhurst Street, Hayward, CA 94544.

TO ALL PROSPECTIVE BIDDERS for the above project, notice is hereby given that the following changes, modifications, corrections, clarifications, and additions as hereinafter set forth shall apply to the plans and specifications described herein and shall be made part thereof and subject to all requirements as if originally specified or drawn.

Receipt of this Addendum No. 3 must be acknowledged on the form in the bid proposal in writing.

GENERAL

Responses to Bidders' inquiries can be viewed at the following Public Works' website:

[Additional Bidder Information | Doing Business with Us | ACPWA Alameda County Public Works Agency](#)

This document will be continuously updated. It is the contractor's responsibility to check for updates.

CHANGES TO BID BOOK

1. Replace page BB-1b Addendum No. 2 with page BB-1b Addendum No. 3
2. Replace pages BB-1c and BB-1d with pages BB-1c Addendum No. 3 and BB-1d Addendum No. 3

CHANGES TO PLANS

1. Replace the following Plan Sheets as shown in the table below:

PLAN SHEET	REPLACE WITH	PLAN SHEET	REPLACE WITH
05	05A	29	29A
09	09A	30	30A
10	10A	31	31A
16	16A	36	36A
17	17A	37	37A
24	24A	40	40A
27	27A	41	41A
28	28A		

No .	Sec	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
22*	19	ROADWAY EXCAVATION	700	CYS	\$	\$
23	20	PLANT (GROUND COVER & SHRUBS – 1 GAL)	44	EA	\$	\$
24	20	PLANT (GROUND COVER & SHRUBS – 5 GAL)	12	EA	\$	\$
25	20	BIORETENTION MULCH (3" DEPTH)	120	SF	\$	\$
26*	26	CLASS 2 AGGREGATE BASE	245	CY	\$	\$
27	37	SLURRY SEAL, TYPE II	13	TN	\$	\$
28	37	CRACK SEAL	1	LS	\$	\$
29	39	HOT MIX ASPHALT PLUG	236	TN	\$	\$
30	39	HOT MIX ASPHALT DRIVEWAY CONFORM (3")	450	SF	\$	\$
31	39	HOT MIX ASPHALT – LOW VOLUME (HMA-LV)	1,355	TN	\$	\$
32	39	COLD PLANE ASPHALT CONCRETE PAVEMENT	5,990	SY	\$	\$
33	51	STRUCTURAL CONCRETE, BIORETENTION WALL	204	LF	\$	\$
34	51	STRUCTURAL CONCRETE, BIORETENTION LATERAL BRACING	70	LF	\$	\$
35	51	STRUCTURAL CONCRETE, DRAINAGE INLET	1	EA	\$	\$
36	51	MINOR CONCRETE (CURB WALL)	41 130	LF	\$	\$
37	65	12" REINFORCED CONCRETE PIPE	50	LF	\$	\$
38	65	18" REINFORCED CONCRETE PIPE	37	LF	\$	\$
39	65	4" PERFORATED PLASTIC PIPE UNDERDRAIN	60	LF	\$	\$
40	66	4" PLASTIC PIPE CLEANOUT	2	EA	\$	\$
41	66	6" PLASTIC PIPE	14	LF	\$	\$
42	68	CLASS 2 PERMEABLE BASE	17	CY	\$	\$
43	68	BIORETENTION SOIL MIX	25	CY	\$	\$

*Contingent item under section 2-1.09B

Spec 2445 Intersection Improvements at Norbridge Ave and Strobridge Ave

No .	Sec	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
44	71	BIORETENTION AREA OVERFLOW DRAIN	2	EA	\$	\$
45	71	MODIFY INLET TO MANHOLE	2	EA	\$	\$
46*	71	ADJUST MANHOLE FRAME AND COVER (CVSD)	2	EA	\$	\$
47	71	ADJUST MANHOLE FRAME AND COVER (STORM DRAIN)	1	EA	\$	\$
48*	71	ADJUST MANHOLE FRAME AND COVER (LAVWMA)	3	EA	\$	\$
49*	71	ADJUST UTILITY COVER TO GRADE	8	EA	\$	\$
50	73	MINOR CONCRETE (ISLAND CURB)	460 650	LF	\$	\$
51	73	MINOR CONCRETE (CURB AND GUTTER)	1,385	LF	\$	\$
52	73	MINOR CONCRETE (DEEPENED CURB AND GUTTER)	70	LF	\$	\$
53	73	MINOR CONCRETE (CURB – MISC)	25	LF	\$	\$
54	73	MINOR CONCRETE (DRIVEWAY & DRIVEWAY CONFORM)	1,465	SF	\$	\$
55	73	MINOR CONCRETE (SIDEWALK & WALKWAY CONFORM)	6,650	SF	\$	\$
56	73	MINOR CONCRETE (THICKENED SIDEWALK EDGE)	985	SF	\$	\$
57*	73	MINOR CONCRETE (ISLAND PAVING)	6,291 6,620	SF	\$	\$
58*	73	MINOR CONCRETE (CURB RAMP)	954	SF	\$	\$
59	73	FURNISH AND INSTALL PERMEABLE PAVERS (INCLUDING BASE LAYERS)	340	SF	\$	\$
60	78	PAINT CURB (2 COAT)	177	LF	\$	\$
61	82	REMOVE AND SALVAGE ROAD SIGN AND POST	17 20	EA	\$	\$
62	82	REMOVE AND SALVAGE SIGN (SIGN ONLY) NOT USED	0 2	EA	\$	\$
63	82	INSTALL ROADSIDE SIGNS AND POST	19 14	EA	\$	\$
64	82	INSTALL ROADSIDE SIGN ON EXISTING POST	8 7	EA	\$	\$

*Contingent item under section 2-1.09B

Spec 2445 Intersection Improvements at Norbridge Ave and Strobridge Ave

No .	Sec	Bid Item Description	Qty	Unit	Unit Cost	Total Cost
65	82	RELOCATE ROADSIDE SIGN – ONE POST	12 10	EA	\$	\$
66	84	REMOVE THERMOPLASTIC TRAFFIC STRIPES, PAVEMENT MARKINGS, AND PAVEMENT MARKERS	1	LS	\$	\$
67	84	THERMOPLASTIC PAVEMENT MARKING (ENHANCED WET-NIGHT VISIBILITY)	1,968 1,908	SF	\$	\$
68	84	THERMOPLASTIC TRAFFIC STRIPE (ENHANCED WET-NIGHT VISIBILITY)	7,836 7,908	LF	\$	\$
69	84	THERMOPLASTIC GREEN BIKE LANE MARKING (ENHANCED WET-NIGHT VISIBILITY)	1,352	SF	\$	\$
70	81	PAVEMENT MARKER (RETROREFLECTIVE)	194 188	EA	\$	\$
71*	87	INDUCTIVE LOOP DETECTOR	4	EA	\$	\$
72	87	TRAFFIC SIGNAL MODIFICATION (CASTRO VALLEY BLVD/STROBRIDGE AVE/JOHN DR)	1	LS	\$	\$
73	87	TRAFFIC SIGNAL MODIFICATION (CASTRO VALLEY BLVD/NORBRIDGE AVE/STANTON AVE)	1	LS	\$	\$
74	20	PLANT ESTABLISHMENT WORK (3 YEARS)	1	LS	\$	\$
75	22	FINISHING ROADWAY	1	LS	\$	\$

Total Bid: _____ **Dollars \$** _____
(in words)

The prices bid include furnishing the resources and activities required to complete the work. Payment is full compensation for furnishing the resources and activities as described under section [9-1.03](#).

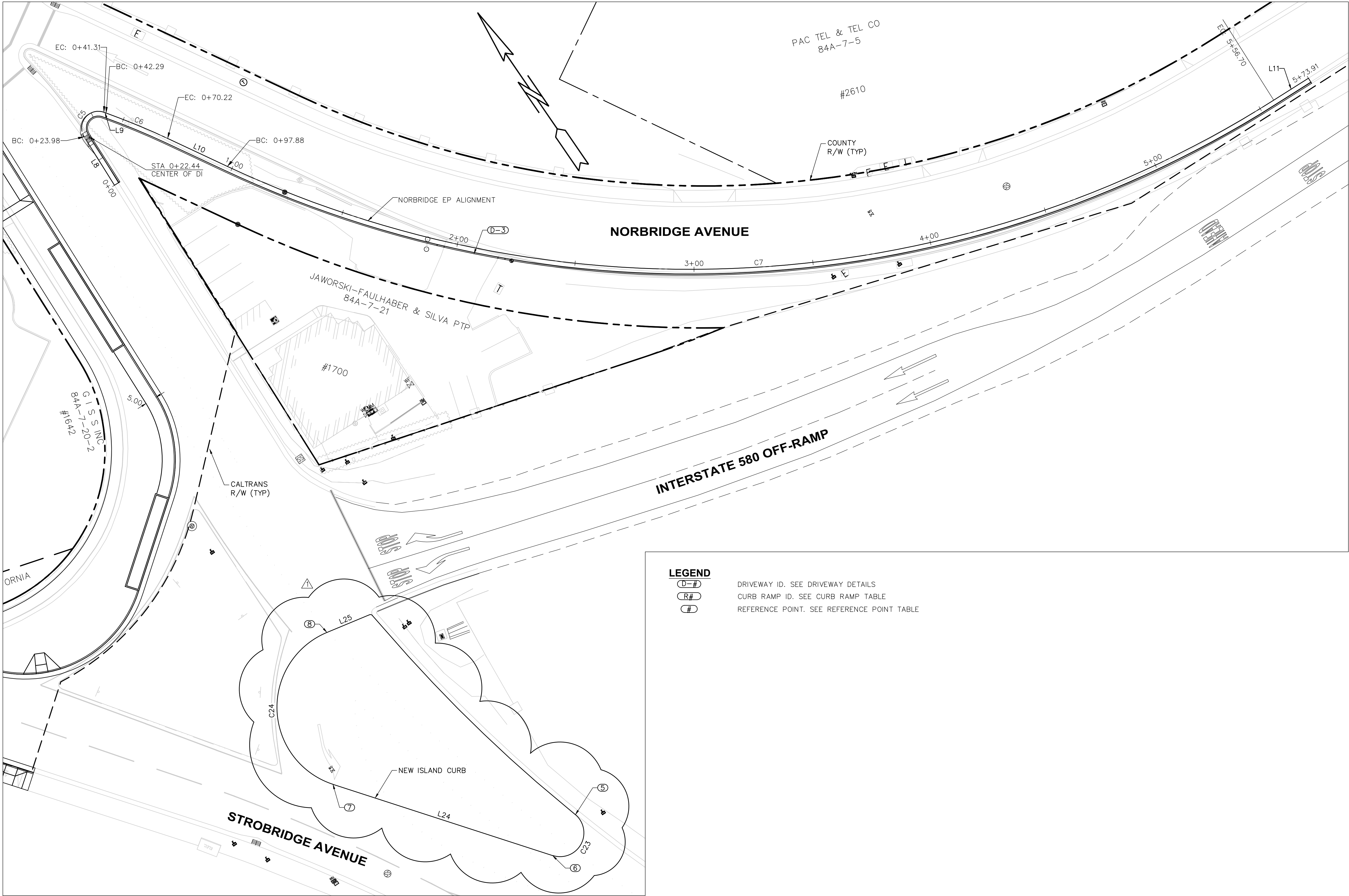
Section numbers are provided for convenience only. Specifications found under the referenced sections are not the only specification that apply to the Bid Item as described under section [1-1.01](#).

*Contingent item under section 2-1.09B

Spec 2445 Intersection Improvements at Norbridge Ave and Strobridge Ave

CONSTRUCTION	REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
MAINTENANCE				
REAL ESTATE				
	SURVEY			
	TRAFFIC			
	ENVIRONMENTAL			

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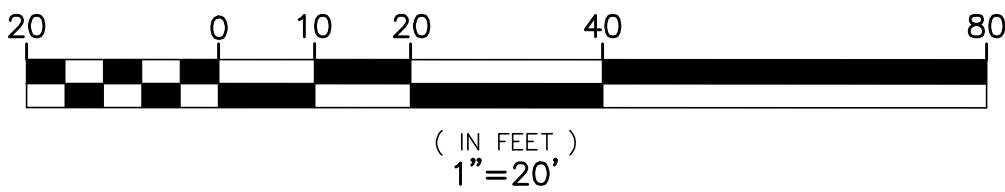
PLAN

SCALE: 1"=20'

LEGEND

- D-#
- R#
- #

DRIVEWAY ID. SEE DRIVEWAY DETAILS
CURB RAMP ID. SEE CURB RAMP TABLE
REFERENCE POINT. SEE REFERENCE POINT TABLE



FOR REDUCED ENGLISH PLANS
ORIGINAL SCALE IS IN INCHES



APPROVED

REGISTERED PROFESSIONAL ENGINEER

AMBER K. LO

NO. C71399

STATE OF CALIFORNIA

CIVIL ENGINEER

APPROVAL DATE:

REVISIONS

NO.	DESCRIPTION	BY	DATE
1	SHEET REPLACED-REVISIONS CLOUDED	MM	04/25/24
2			
3			
4			
5			

COUNTY OF ALAMEDA

☆

PUBLIC WORKS AGENCY

THE INTERSECTION IMPROVEMENTS AT
NORBRIDGE AVENUE AND STROBRIDGE AVENUE
IN THE VICINITY OF INTERSTATE 580

CONSTRUCTION LAYOUT PLAN

WORK ORDER NO.
R26278

SPECIFICATION NO.
2445

SHEET NO.
09A OF 41

FILE NO.
U-441-2

DRAWN
MARTIN MARAVILLA

DESIGNED
MARTIN MARAVILLA

CHECKED
AMBER K. LO

APPROVAL RECOMMENDED
MARTIN MARAVILLA

APPROVAL RECOMMENDED
MARTIN MARAVILLA

DATE
MAR 2024

SCALE
1"=20'

	REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
CONSTRUCTION			SURVEY	
MAINTENANCE			TRAFFIC	
REAL ESTATE			ENVIRONMENTAL	

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B ISLAND EP ALIGNMENT						
NUMBER	RADIUS	LENGTH	LINE/CHORD DIRECTION	DELTA ANGLE	BC STA	EC STA
L4		25.00	S30° 38' 39.20"E			
L5		102.10	S30° 41' 34.48"E			
C1	77.00	44.32	S14° 12' 13.52"E	32°58'42"	1+27.10	1+71.42
L1		137.32	S2° 17' 07.44"W			
C3	52.00	45.56	S27° 22' 59.34"W	50°11'44"	3+08.75	3+54.30
L2		42.05	S52° 28' 51.24"W			
C4	52.00	82.00	N82° 20' 31.35"W	90°21'15"	3+96.36	4+78.36
L3		11.75	N37° 09' 53.93"W			
C2	402.00	49.66	N33° 37' 34.73"W	7°04'38"	4+90.10	5+39.76
L6		47.82	N30° 05' 15.53"W			
L7		48.11	N30° 08' 25.61"W			

NORBRIDGE EP ALIGNMENT						
NUMBER	RADIUS	LENGTH	LINE/CHORD DIRECTION	DELTA ANGLE	BC STA	EC STA
L8		23.98	N2° 20' 15.62"E			
C5	7.00	17.33	N73° 15' 27.90"E	141°50'25"	0+23.98	0+41.31
L9		0.99	S35° 49' 19.82"E			
C6	302.00	27.92	S33° 10' 23.91"E	5°17'52"	0+42.29	0+70.22
L10		27.66	S30° 31' 28.00"E			
C7	458.00	458.82	S59° 13' 25.61"E	57°23'55"	0+97.88	5+56.70
L11		17.21	S87° 55' 23.21"E			

BACK OF WALK LINE AND CURVE TABLE				
NUMBER	RADIUS	LENGTH	LINE/CHORD DIRECTION	DELTA ANGLE
C10	300.00	172.67	N14°12'13.52"W	32°58'42"
C11	73.00	188.15	N76°07'25.19"E	147°40'35"
L14		36.87	S30° 41' 38.06"E	
L15		58.01	S02° 17' 07.44"W	
L16		98.57	S30° 02' 17.07"E	

CURB RAMP TABLE				
RAMP NO.	ADDRESS	^ALIGNMENT REFERENCE	*STA REFERENCE	**CASE
1	2445 CASTRO VALLEY BLVD	N/A	SEE POINT 14 REFERENCE	B
2	2475 CASTRO VALLEY BLVD	N/A	SEE POINT 13 REFERENCE	B
3	2475 CASTRO VALLEY BLVD	N/A	SEE POINT 12 REFERENCE	C
4	2492 CASTRO VALLEY BLVD	N/A	SEE POINT 11 REFERENCE	C
5	1620 STROBRIDGE AVE	B ISLAND EP ALIGNMENT	1+22.64	A
6	1620 STROBRIDGE AVE	B ISLAND EP ALIGNMENT	4+54.08	A
7	STROBRIDGE AVE	N/A	SEE POINT 15 REFERENCE	B
8	2495 CASTRO VALLEY BLVD	N/A	SEE POINT 16 REFERENCE	C

- ^ IF NO ALIGNMENT LISTED, SEE POINT REFERENCE TABLE
* STATION REFERENCE CORRESPONDS TO FACE OF CURB AT CENTER OF RAMP
** SEE CALTRANS STANDARD PLAN A88A

PCC ISLAND LAYOUT LINE AND CURVE TABLE				
NUMBER	RADIUS	LENGTH	LINE/CHORD DIRECTION	DELTA ANGLE
C20	1.00	2.99	N25°50'44.42"W	171°21'19"
C22	4.72	14.83	S26°23'56.44"E	180°00'00"
C23	10.00	27.55	N63°25'58.54"E	157°51'27"
C24	34.00	82.79	S32°07'17.20"W	139°31'10"
L21		49.37	N59° 49' 54.87"E	
L22		49.46	S68° 28' 36.30"W	
L24		96.91	S37° 38' 17.80"E	
L25		19.35	N78° 07' 07.80"W	

REFERENCE POINT TABLE		
NUMBER	NORTHING	EASTING
1	2078643.2993	6101779.9457
2	2078668.1087	6101822.6272
3	2078669.9035	6101821.7578
4	2078651.7578	6101775.7470
5	2077938.8672	6101910.8639
6	2077930.0888	6101893.3086
7	2078006.8300	6101834.1282
8	2078060.8645	6101868.0522
11	2078696.8248	6101674.5148
12	2078574.0675	6101730.3659
13	2078472.3780	6101546.1788
14	2078437.8737	6101494.3402
15	2078089.2096	6101727.5011
16	2078388.3744	6101897.3988

REFERENCE IS TO FACE OF CURB

APPROVED

PROFESSIONAL ENGINEER
REGISTERED
AMBER K. LO
No. C71399
CIVIL
STATE OF CALIFORNIA

APPROVAL DATE:

REVISIONS

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SHEET REPLACED—REVISIONS CLOUDED

NO.

BY

DATE

APPROVED

COUNTY OF ALAMEDA ☆ PUBLIC WORKS AGENCY

THE INTERSECTION IMPROVEMENTS AT
NORBRIDGE AVENUE AND STROBRIDGE AVENUE
IN THE VICINITY OF INTERSTATE 580

CONSTRUCTION LAYOUT TABLES

DRAWN
MARTIN MARAVILLA
DESIGNED
MARTIN MARAVILLA
CHECKED
MARTIN MARAVILLA

APPROVAL—RECOMMENDED

APPROVAL—RECOMMENDED

DATE
MAR 2024

SCALE
1"=20'

WORK ORDER NO.
R26278

SPECIFICATION NO.
2445

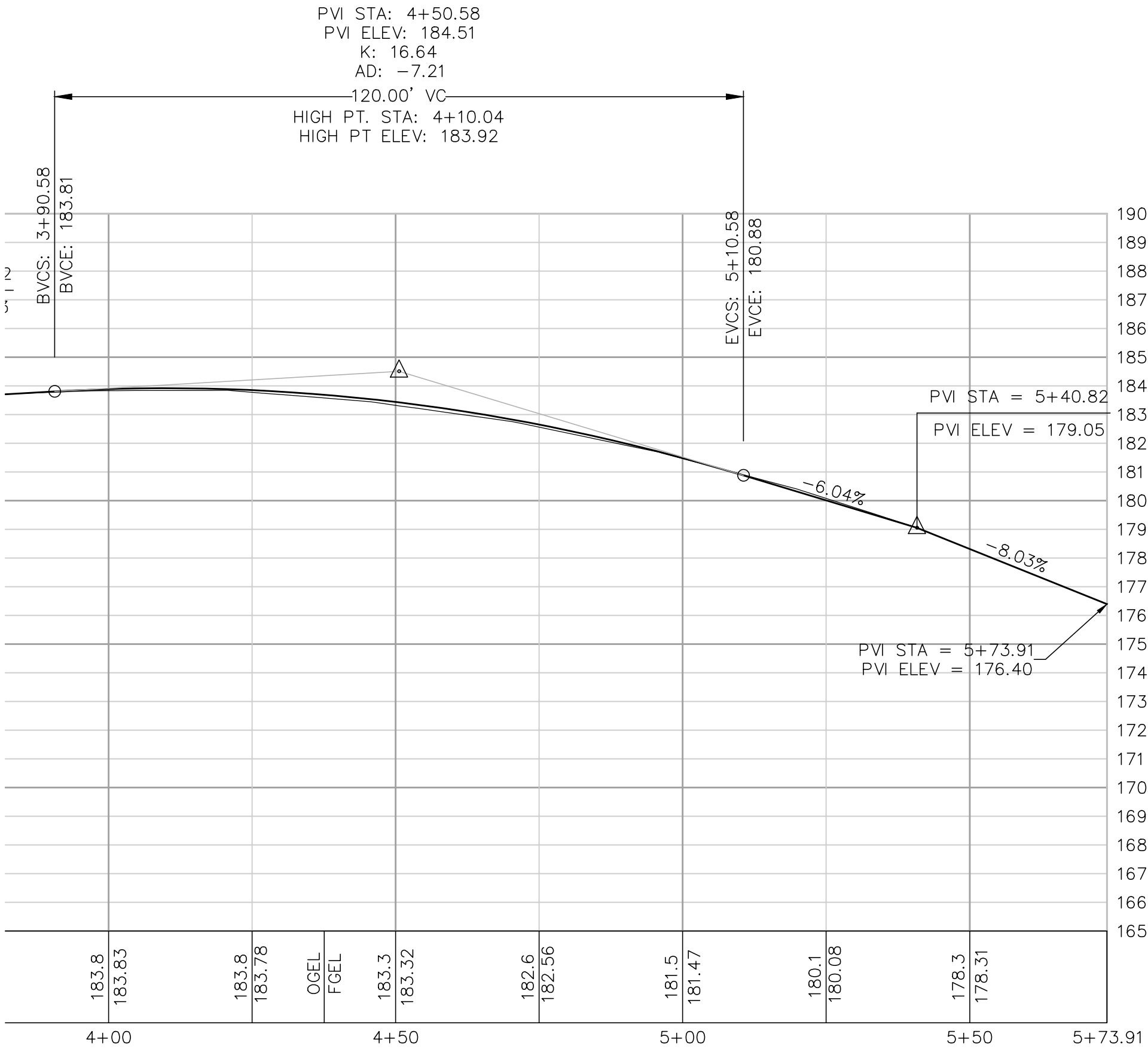
SHEET NO.
10A OF 41

FILE NO.
U-441-2

FOR REDUCED ENGLISH PLANS
ORIGINAL SCALE IS IN INCHES

CONSTRUCTION	REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
MAINTENANCE			SURVEY	
REAL ESTATE			TRAFFIC	
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PROFILE

HORZ SCALE: 1"=20'
VERT SCALE: 1"=2'

LEGEND

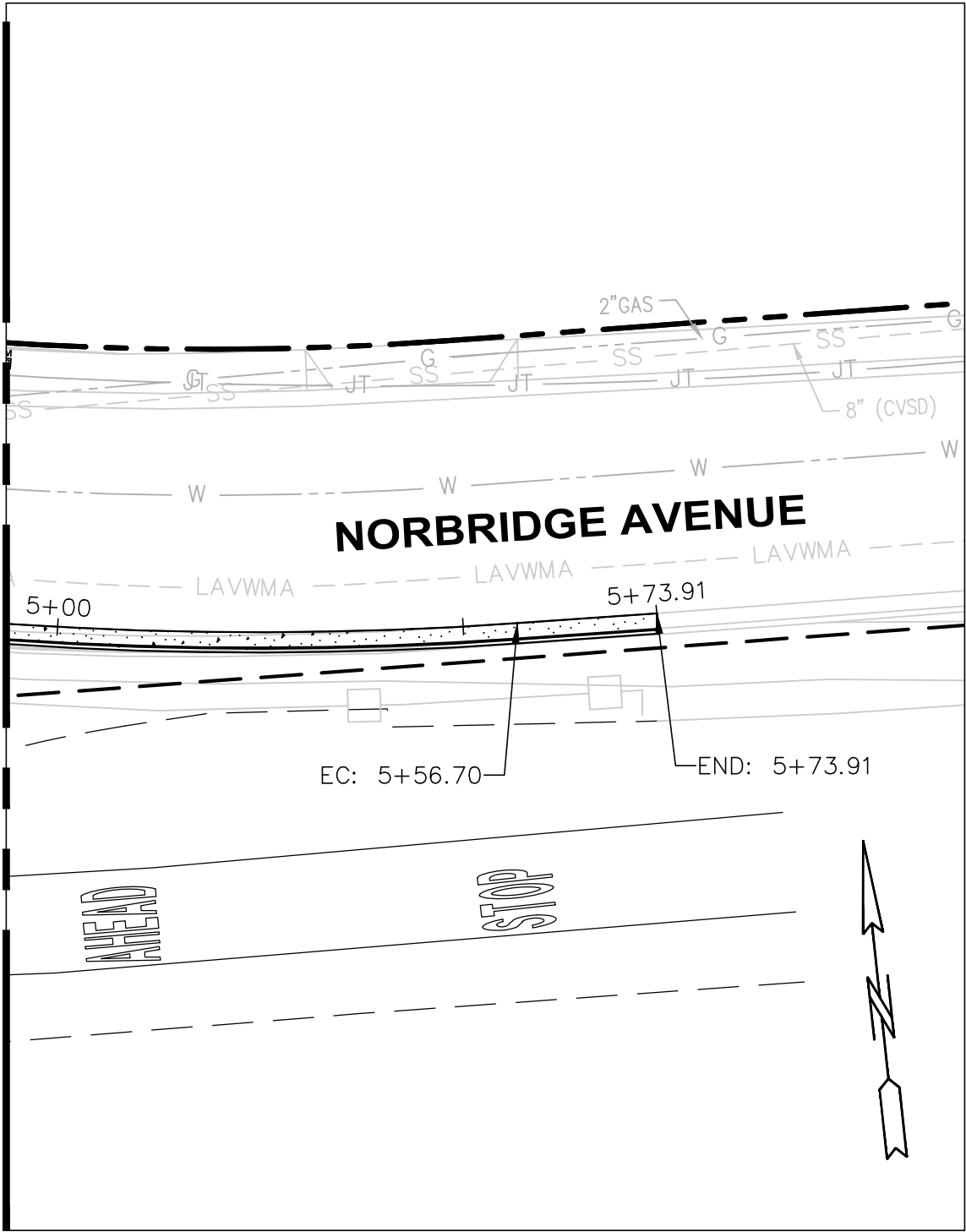
NEW PCC IMPROVEMENTS

OGE = ORIGINAL GROUND ELEVATION
FGE = FINISHED GROUND ELEVATION

NOTES

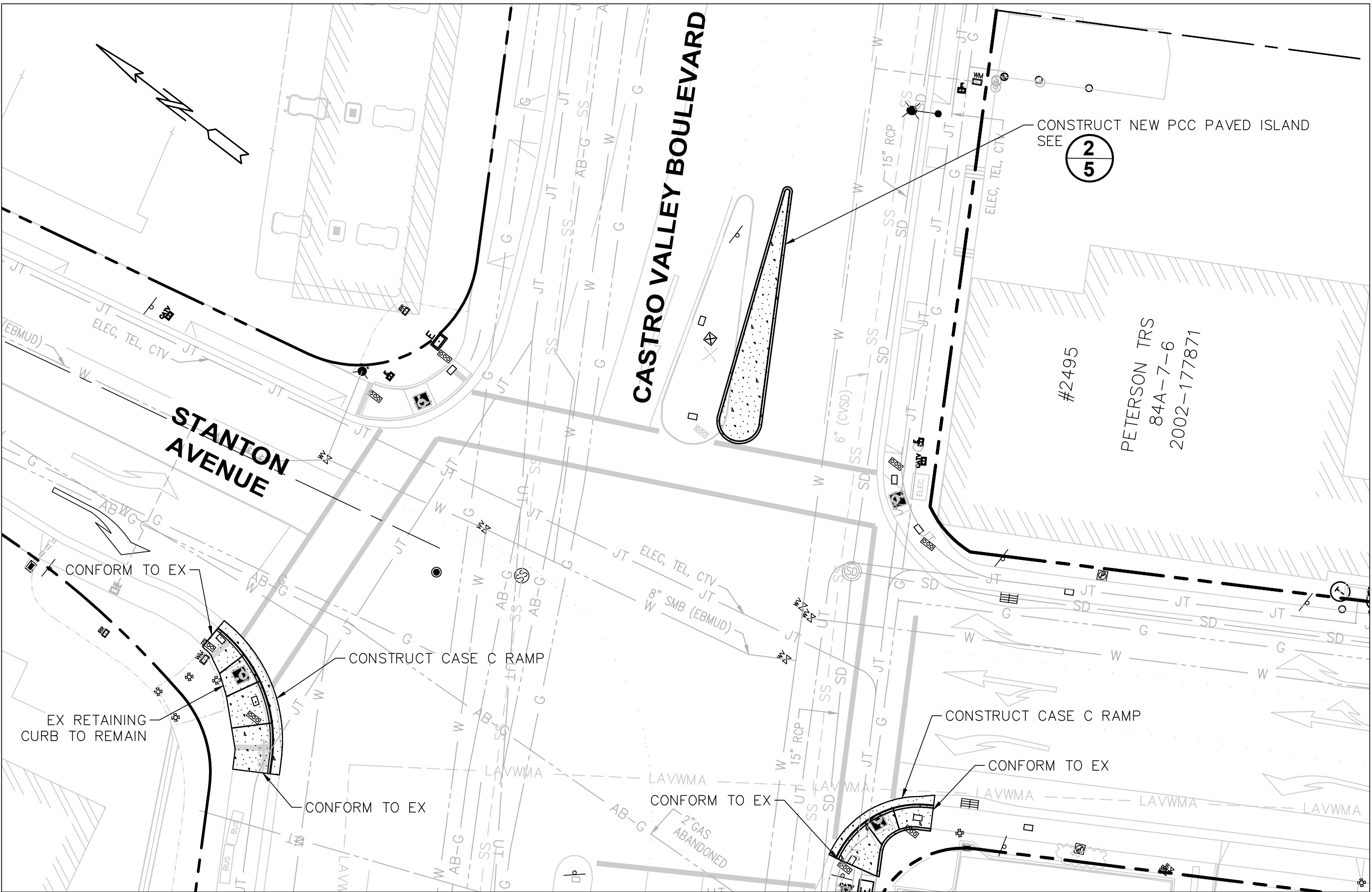
- FOR DRAINAGE DETAILS, SEE DRAINAGE PLAN
- CONSTRUCT ALL CURB RAMPS PER CALTRANS STD PLAN A88A
- FOR SIGN RELOCATION, SEE STRIPING AND SIGNING PLAN
- SEE SITE IMPROVEMENT PLAN FOR SIDEWALK AND DRIVEWAY CONFORM WORK
- SEE CONSTRUCTION LAYOUT PLAN FOR ISLAND LAYOUT

MATCHLINE ALIGNMENT - NORBRIDGE EP STA 5+50



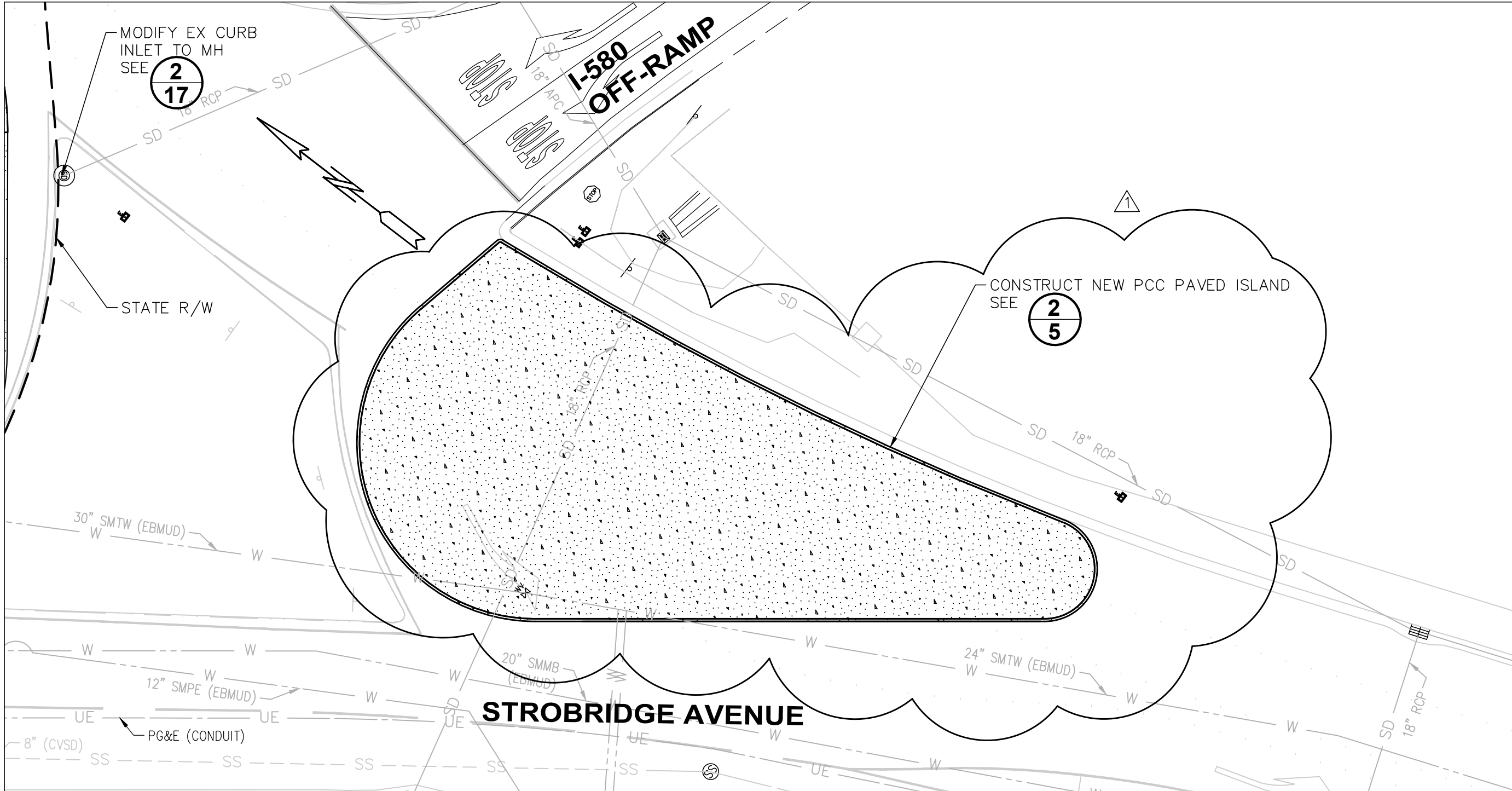
PLAN

SCALE: 1"=20'



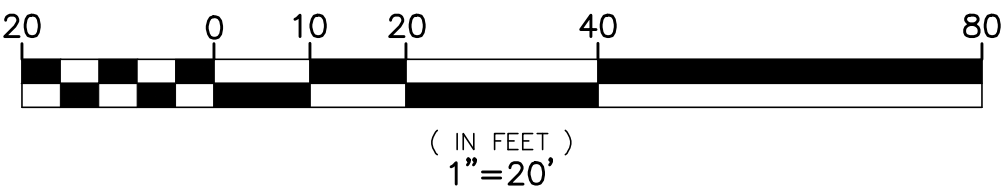
ISLAND 1 PLAN

SCALE: 1"=20'



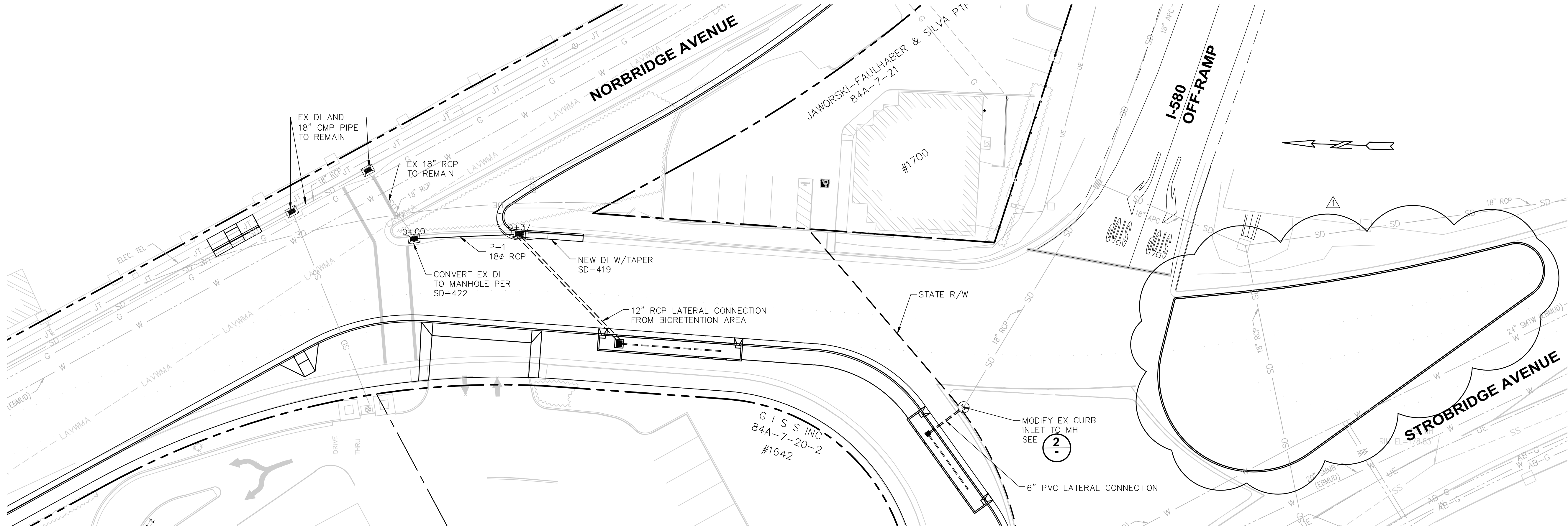
ISLAND 2 PLAN

SCALE: 1"=20'

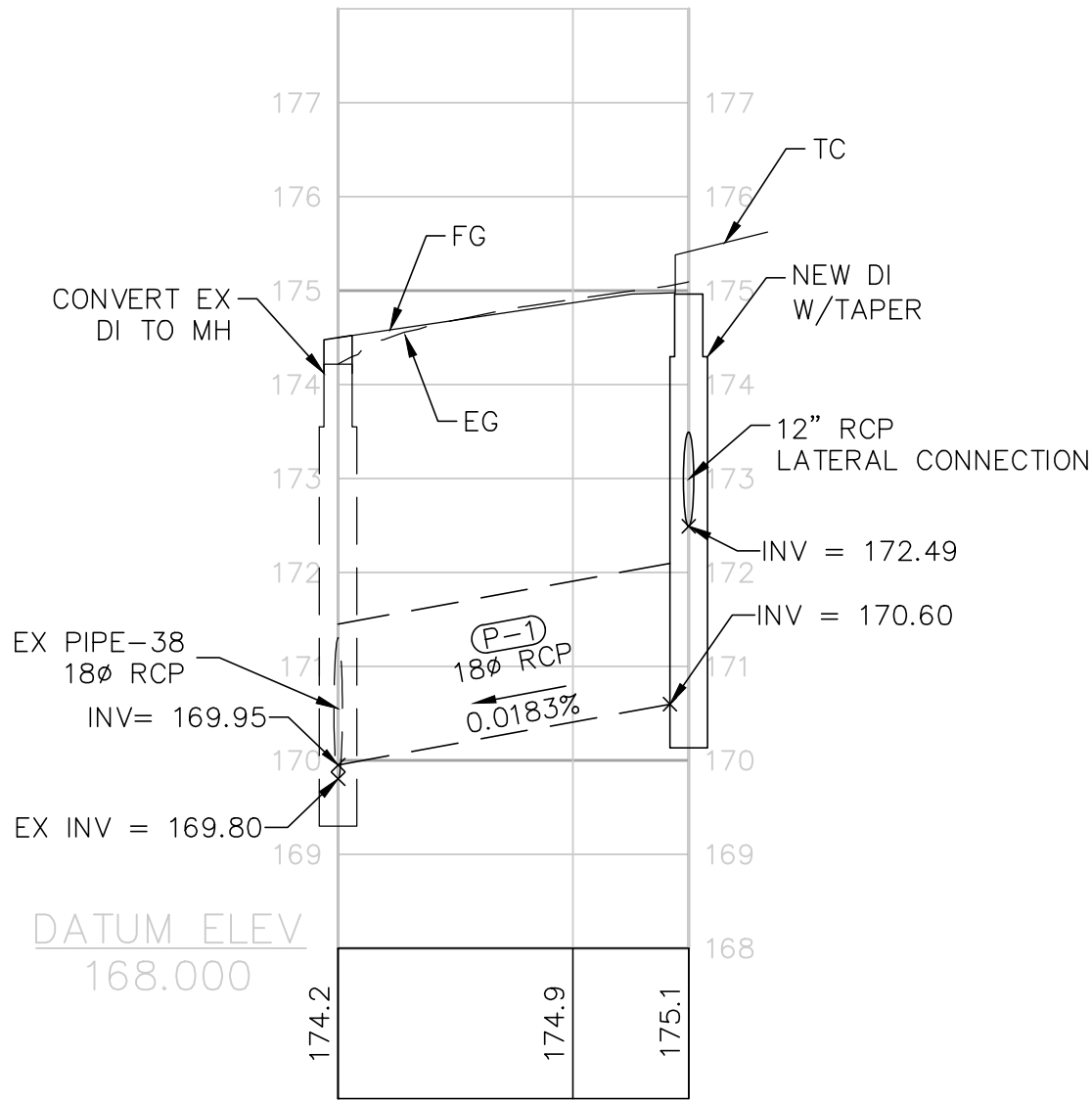


COUNTY OF ALAMEDA ☆ PUBLIC WORKS AGENCY										REVISIONS			
THE INTERSECTION IMPROVEMENTS AT NORBRIDGE AVENUE AND STROBRIDGE AVENUE IN THE VICINITY OF INTERSTATE 580													
PLAN AND PROFILE													
WORK ORDER NO. R26278													
SPECIFICATION NO. 2445													
SHEET NO. 16A OF 41													
FILE NO. U-441-2													
DRAWN BY MARTIN MARALLA DESIGNED BY MARTIN MARALLA CHECKED BY AMBER K. LO													
APPROVALS													
APPROVED: [Signature] PROFESSIONAL ENGINEER No. 071399 CIVIL ENGINEER DATE OF CALL: MM/04/25/24													
APPROVAL DATE: [Signature] DATE: [Signature] BY: [Signature] DATE: [Signature] APPROVED: [Signature] DATE: [Signature]													

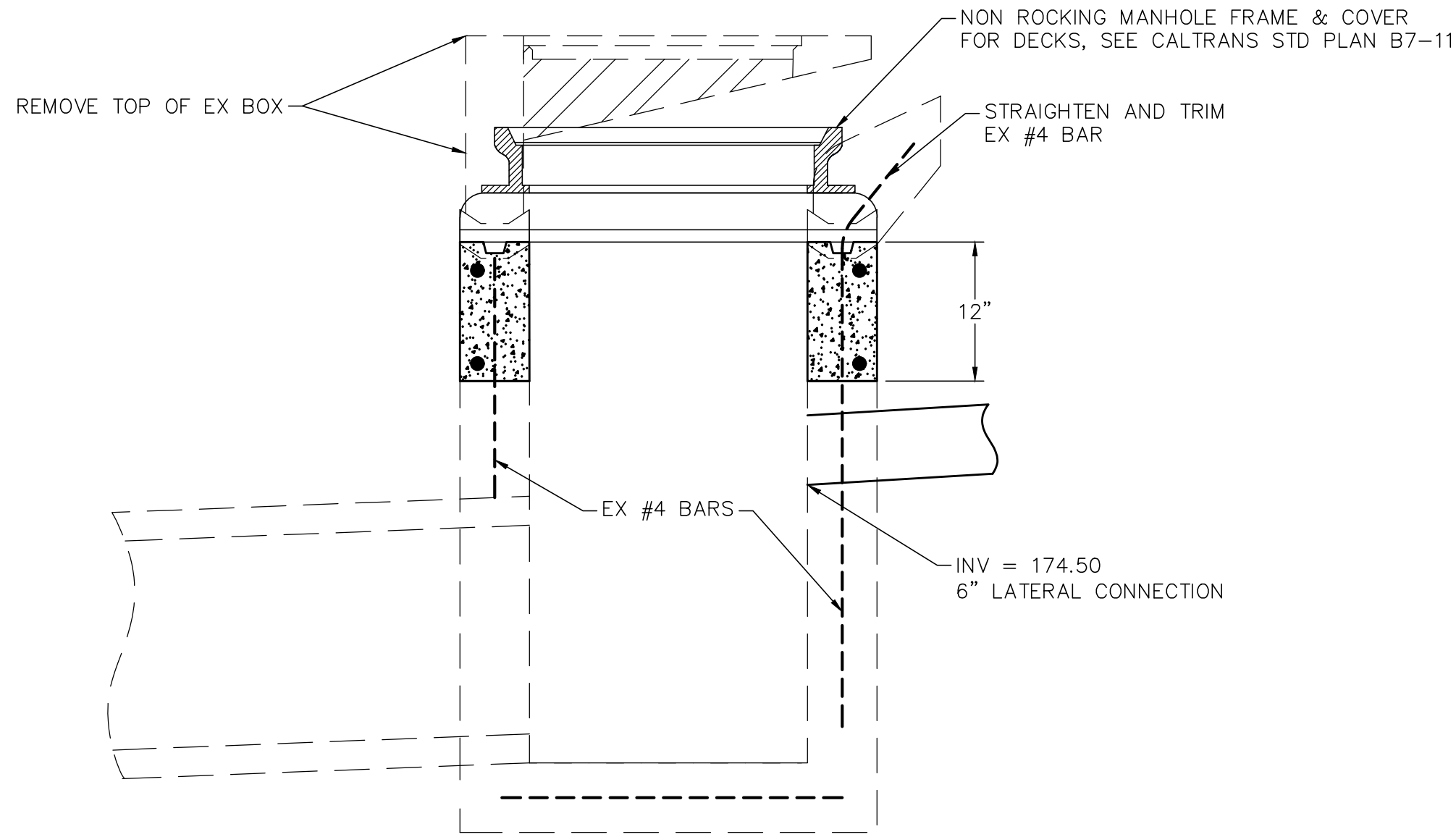
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PLAN
SCALE: 1"=20'



PROFILE
HORZ SCALE: 1"=20'
VERT SCALE: 1"=5'



MODIFY CURB INLET TO MANHOLE **2**
NTS

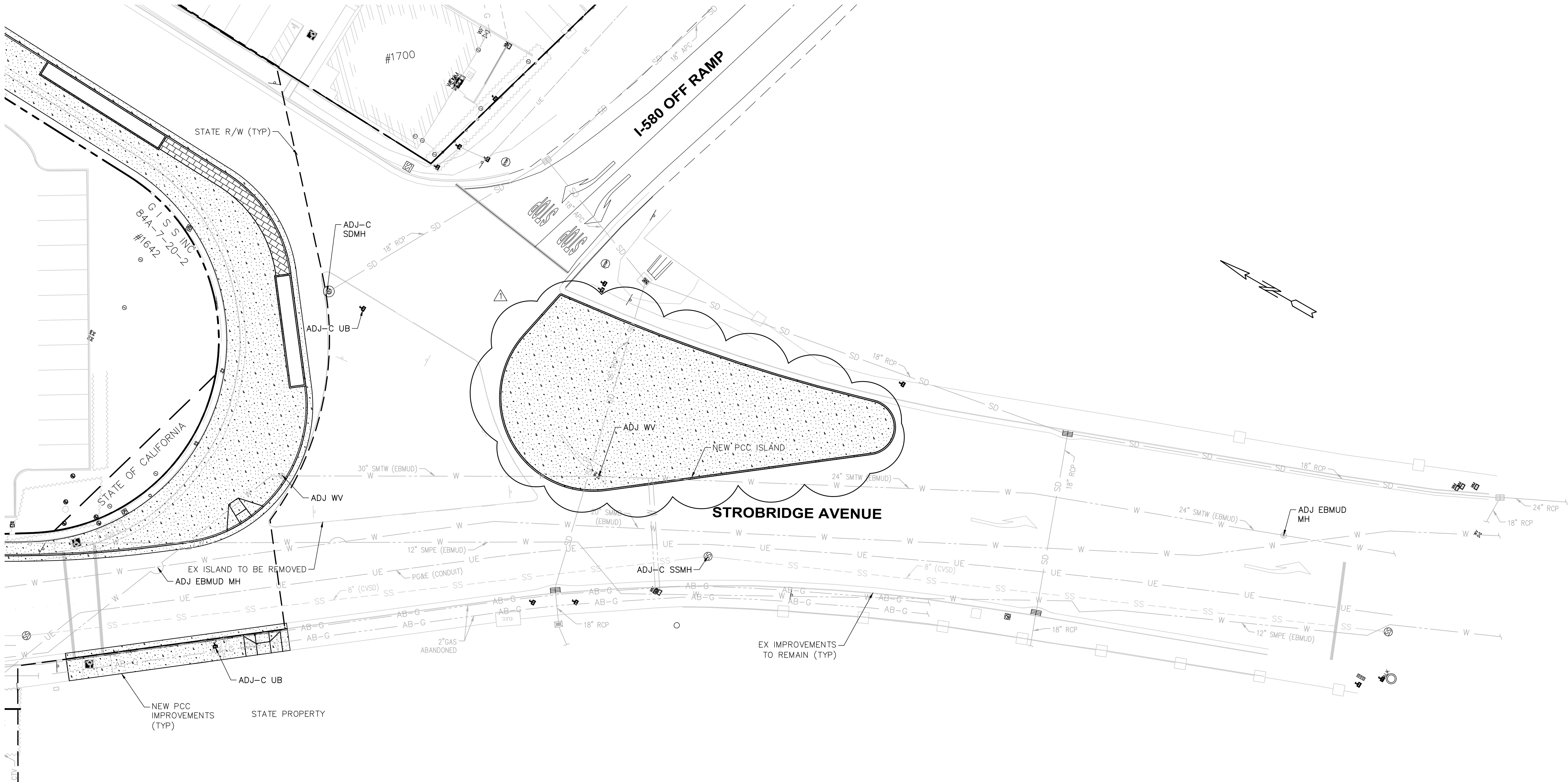
REVISIONS				APPROVALS			
NO.	DESCRIPTION	BY	DATE	NO.	DESCRIPTION	BY	DATE
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COUNTY OF ALAMEDA ☆ PUBLIC WORKS AGENCY			
THE INTERSECTION IMPROVEMENTS AT NORBRIDGE AVENUE AND STROBRIDGE AVENUE IN THE VICINITY OF INTERSTATE 580			
DRAINAGE PLAN AND DETAILS			
WORK ORDER NO.	R26278	DESIGNED BY	MARTIN MARAVILLA
SPECIFICATION NO.	2445	CHECKED BY	MARTIN MARAVILLA
SHEET NO.	17A OF 41	DATE	MAR 2024
FILE NO.	U-441-2	SCALE	1"=20'

APPROVED	PROFESSIONAL ENGINEER	REGISTERED	NO. C71399	STATE OF CALIF.	CIVIL	APPROVAL DATE:
AMBER K. LO						

CONSTRUCTION	REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
MAINTENANCE			SURVEY	
REAL ESTATE			TRAFFIC	
			ENVIRONMENTAL	

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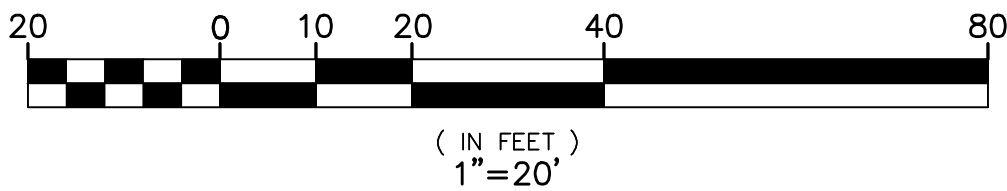
PLAN
SCALE: 1"=20'

LEGEND

- ADJ ADJUST EX FACILITY TO GRADE
- REL RELOCATE EXISTING FACILITY (BY UTILITY)
- REL-C RELOCATE EXISTING FACILITY (BY CONTRACTOR)
- FH FIRE HYDRANT
- FDC FIRE DEPARTMENT CONNECTION
- WV WATER VALVE
- GV GAS VALVE
- JP JOINT POLE
- WM WATER METER
- GM GAS METER
- MH MANHOLE
- SSMH SANITARY SEWER MANHOLE
- SDMH STORM DRAIN MANHOLE
- STLT STREETLIGHT

NOTES

- ALL PIPELINES AND OTHER UNDERGROUND FACILITIES MAY NOT BE SHOWN. EXISTING UNDERGROUND FACILITIES AS SHOWN ARE APPROXIMATE ONLY AND WERE OBTAINED FROM AVAILABLE UTILITY RECORDS. HOWEVER, THE COUNTY ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY OR COMPLETENESS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTACT ALL UTILITIES AND TO HAVE ALL FACILITIES LOCATED IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 1-800-542-2444 AT LEAST TWO WORKING DAYS PRIOR TO EXCAVATION
- RELOCATED WATER METER LOCATIONS SHOWN ARE APPROXIMATE. FINAL LOCATION WILL BE DETERMINED BY EBMUD.
- THE CONTRACTOR MUST COORDINATE WATER METER RELOCATIONS AND SERVICE RECONNECTIONS WITH EBMUD. EBMUD REQUIRES AT LEAST 3 WEEKS NOTICE.
- THE CONTRACTOR MUST COORDINATE STREETLIGHT HEAD RELOCATION AND SERVICE RECONNECTION WITH PG&E.



APPROVED

APPROVAL DATE:

REVISIONS

NO.	DESCRIPTION	BY	DATE
1	SHEET REPLACED-REVISIONS CLOUDED	MM	04/25/24
AL			APPV/D

COUNTY OF ALAMEDA ☆ PUBLIC WORKS AGENCY

THE INTERSECTION IMPROVEMENTS AT NORBRIDGE AVENUE AND STROBRIDGE AVENUE IN THE VICINITY OF INTERSTATE 580

UTILITY PLAN

WORK ORDER NO. R26278

SPECIFICATION NO. 2445

SHEET NO. 24A OF 41

FILE NO. U-441-2

DRAWN BY: MARTIN MARAVILLA

DESIGNED BY: MARTIN MARAVILLA

CHECKED BY: AMBER K. LO

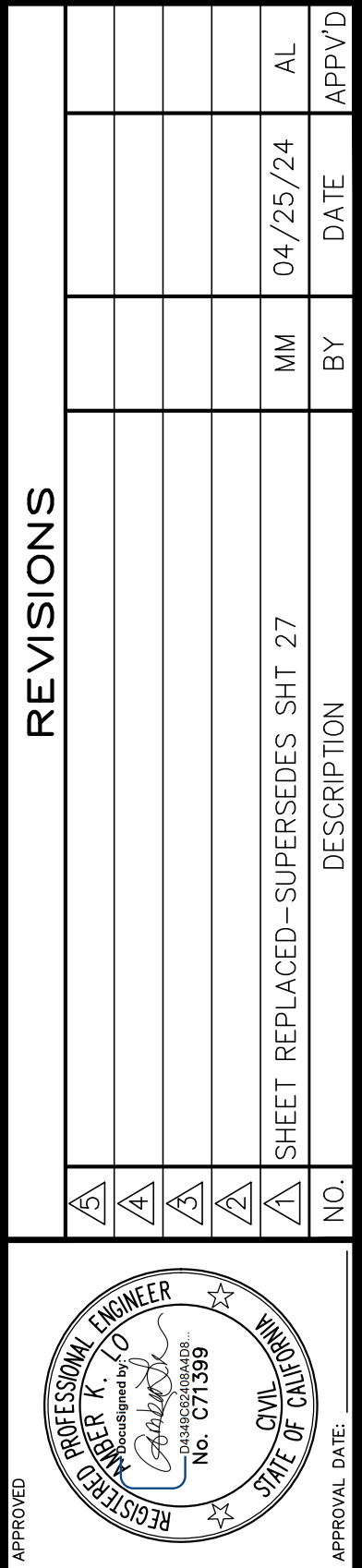
APPROVAL RECOMMENDED

APPROVAL RECOMMENDED

DATE: MAR 2024

SCALE: 1"=20'

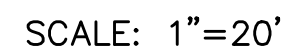
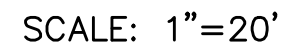
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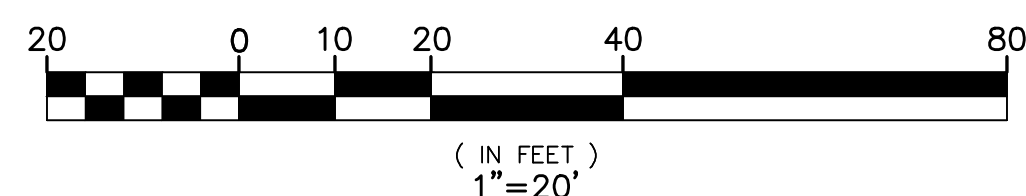
NOTES:

1. STRIPING DIMENSIONS ARE TAKEN FROM FACE OF CURB
2. TRAFFIC STRIPES AND PAVEMENT MARKING THAT WILL BE REMOVED DURING MILLING AND ROADWAY EXCAVATION OPERATIONS ARE SHOWN FOR REFERENCE AND MAY NOT BE LABELED FOR REMOVAL

N: \\C3D\\ROAD\\R26278 Strobridge-Norbridge Intersection Project\\Sheets\\SHEETS-SIGNING AND STRIPING PLAN-STROBRIDGE-NORBRIDGE.dwg 4-26-24 09:51:29 AM

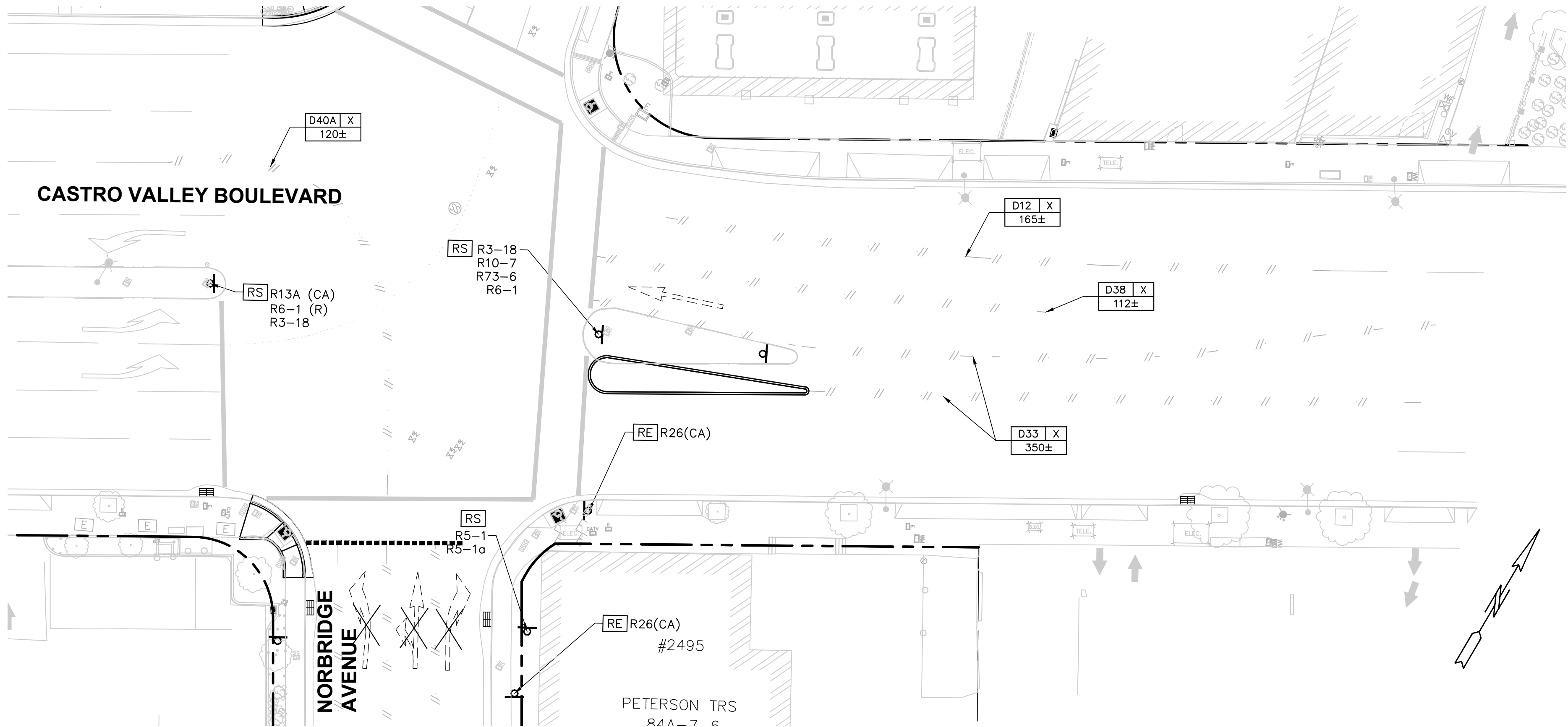


1. STRIPING DIMENSIONS ARE TAKEN FROM FACE OF CURB
2. TRAFFIC STRIPES AND PAVEMENT MARKING THAT WILL BE REMOVED DURING MILLING AND ROADWAY EXCAVATION OPERATIONS ARE SHOWN FOR REFERENCE AND MAY NOT BE LABELED FOR REMOVAL

[illegible]

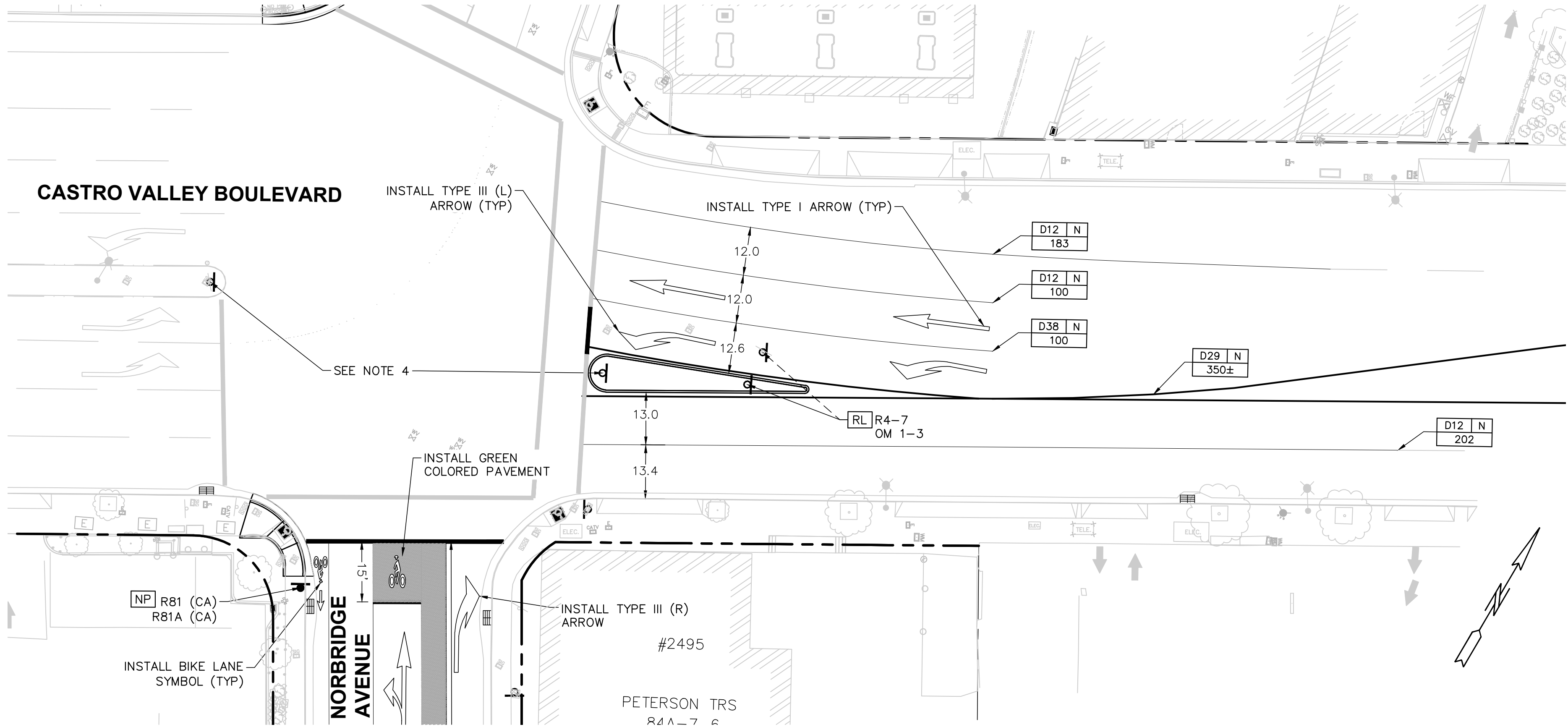
CONSTRUCTION	REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
MAINTENANCE			SURVEY	
REAL ESTATE			TRAFFIC	
			ENVIRONMENTAL	

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REMOVAL PLAN - CASTRO VALLEY BOULEVARD

SCALE: 1"=20'

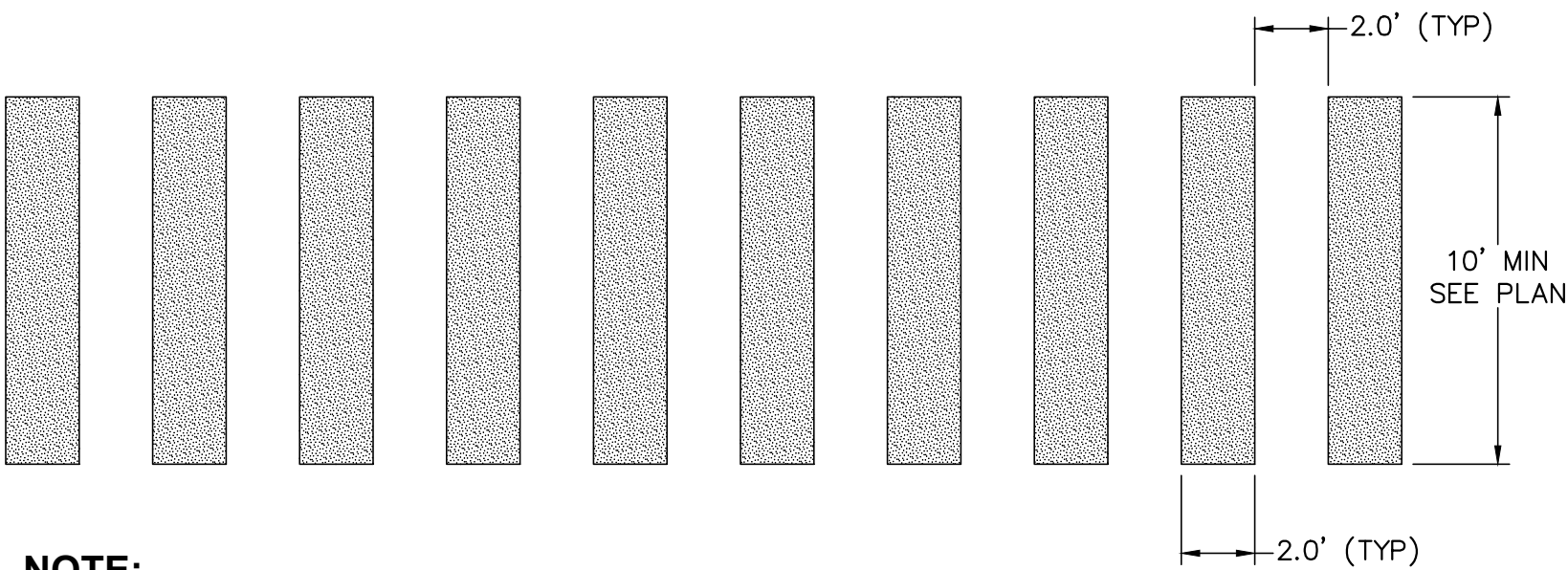


PLAN - CASTRO VALLEY BOULEVARD

SCALE: 1"=20'

NOTES:

1. STRIPING DIMENSIONS ARE TAKEN FROM FACE OF CURB
2. TRAFFIC STRIPES AND PAVEMENT MARKING THAT WILL BE REMOVED DURING MILLING AND ROADWAY EXCAVATION OPERATIONS ARE SHOWN FOR REFERENCE AND MAY NOT BE LABELED FOR REMOVAL
3. SEE SHEET 29 FOR SIGNING AND STRIPING LABELS NOT SHOWN ON STANTON/NORBRIDGE AVE
4. SEE TRAFFIC SIGNAL MODIFICATION PLANS FOR SIGNS TO BE PLACED ON NEW SIGNAL POLES



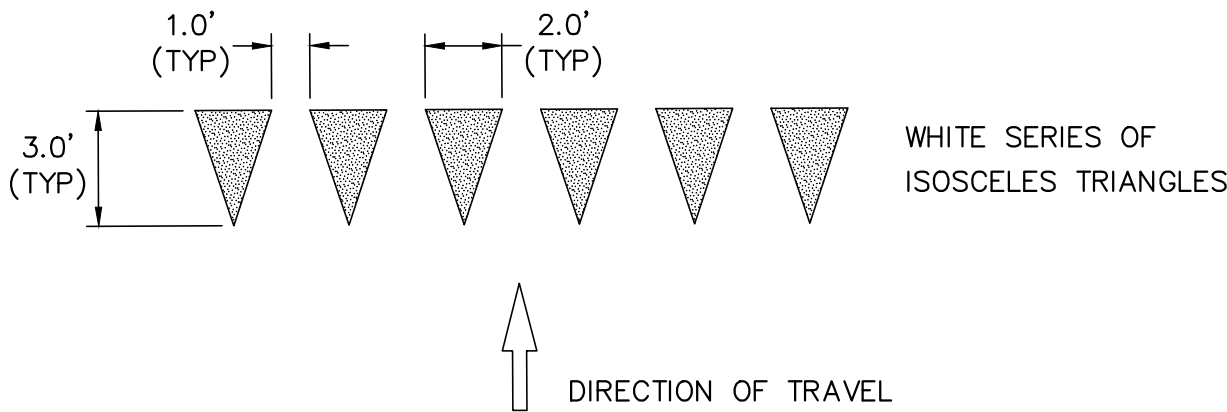
NOTE:

1. SEE PLAN FOR COLOR OF CROSSWALK MARKINGS.

CONTINENTAL CROSSWALK DETAIL

NTS

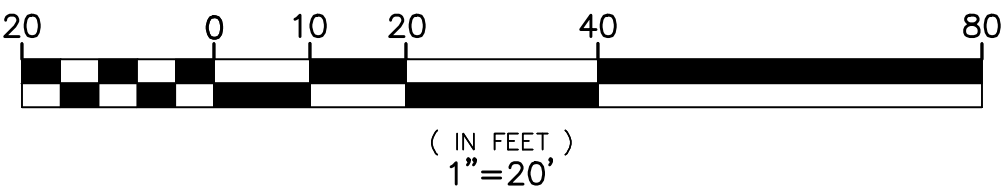
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YIELD MARKING

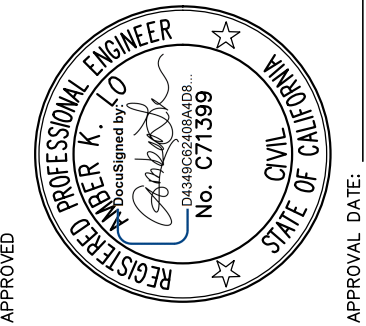
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REVISIONS

NO.	DESCRIPTION	BY	DATE	APPROVED
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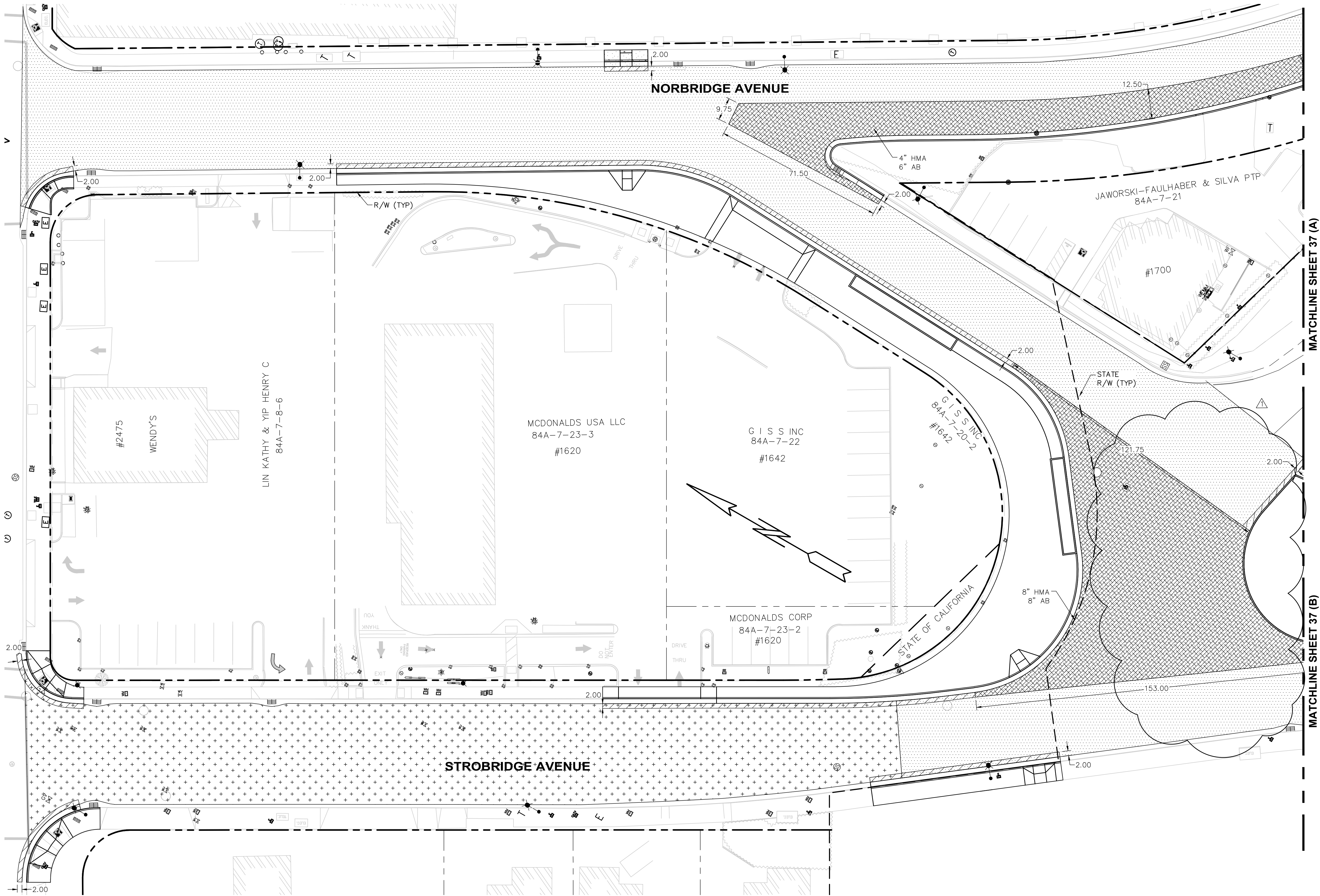
COUNTY OF ALAMEDA ☆ PUBLIC WORKS AGENCY

THE INTERSECTION IMPROVEMENTS AT
NORBRIDGE AVENUE AND STROBRIDGE AVENUE
IN THE VICINITY OF INTERSTATE 580
SIGNING AND STRIPING PLAN

WORK ORDER NO.	R26278
SPECIFICATION NO.	2445
SHEET NO.	30A OF 41
FILE NO.	U-441-2

CONSTRUCTION	REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
MAINTENANCE			SURVEY	
REAL ESTATE			TRAFFIC	
			ENVIRONMENTAL	

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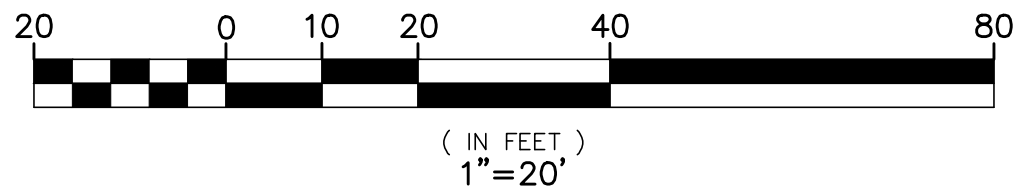


LEGEND

	TYPE A HMA PLUG (6" DEPTH)		MILL & OVERLAY 2"
	NEW STRUCTURAL SECTION		SLURRY SEAL RESURFACING, TYPE II

PLAN

SCALE: 1"=20'



FOR REDUCED ENGLISH PLANS
ORIGINAL SCALE IS IN INCHES



COUNTY OF ALAMEDA ☆ PUBLIC WORKS AGENCY

THE INTERSECTION IMPROVEMENTS AT
NORBRIDGE AVENUE AND STROBRIDGE AVENUE
IN THE VICINITY OF INTERSTATE 580

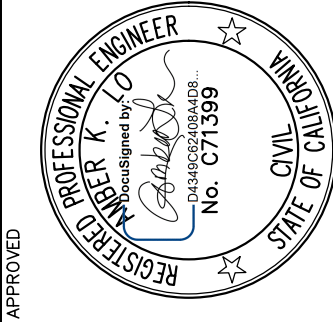
PAVING PLAN

WORK ORDER NO.
R26278

SPECIFICATION NO.
2445

SHEET NO.
36A OF 41

FILE NO.
U-441-2



DRAWN
MARTIN MARAVILLA

DESIGNED
MARTIN MARAVILLA

CHECKED
AMBER K. LO

DATE
MAR 2024

SCALE
1"=20'

REVISIONS

NO.	DESCRIPTION	BY	DATE
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APPROVED

REGISTERED PROFESSIONAL ENGINEER

AMBER K. LO

STATE OF CALIFORNIA

LICENSE NO. C71399

APPROVAL DATE:

NO.

DESCRIPTION

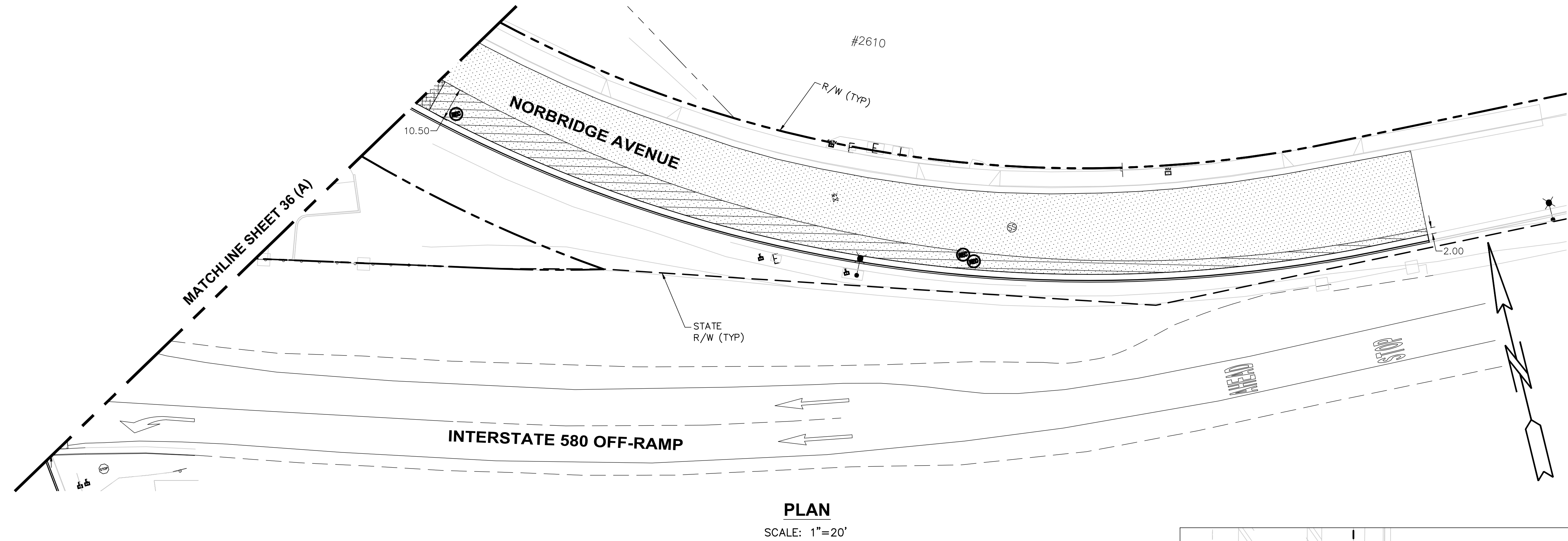
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DATE

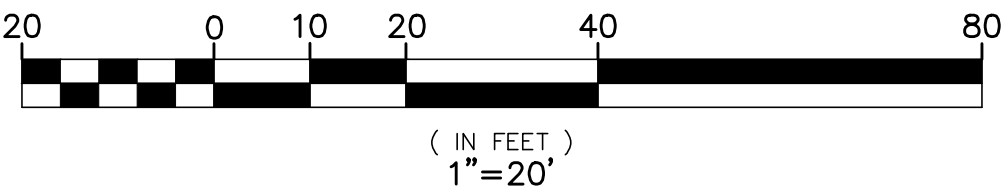
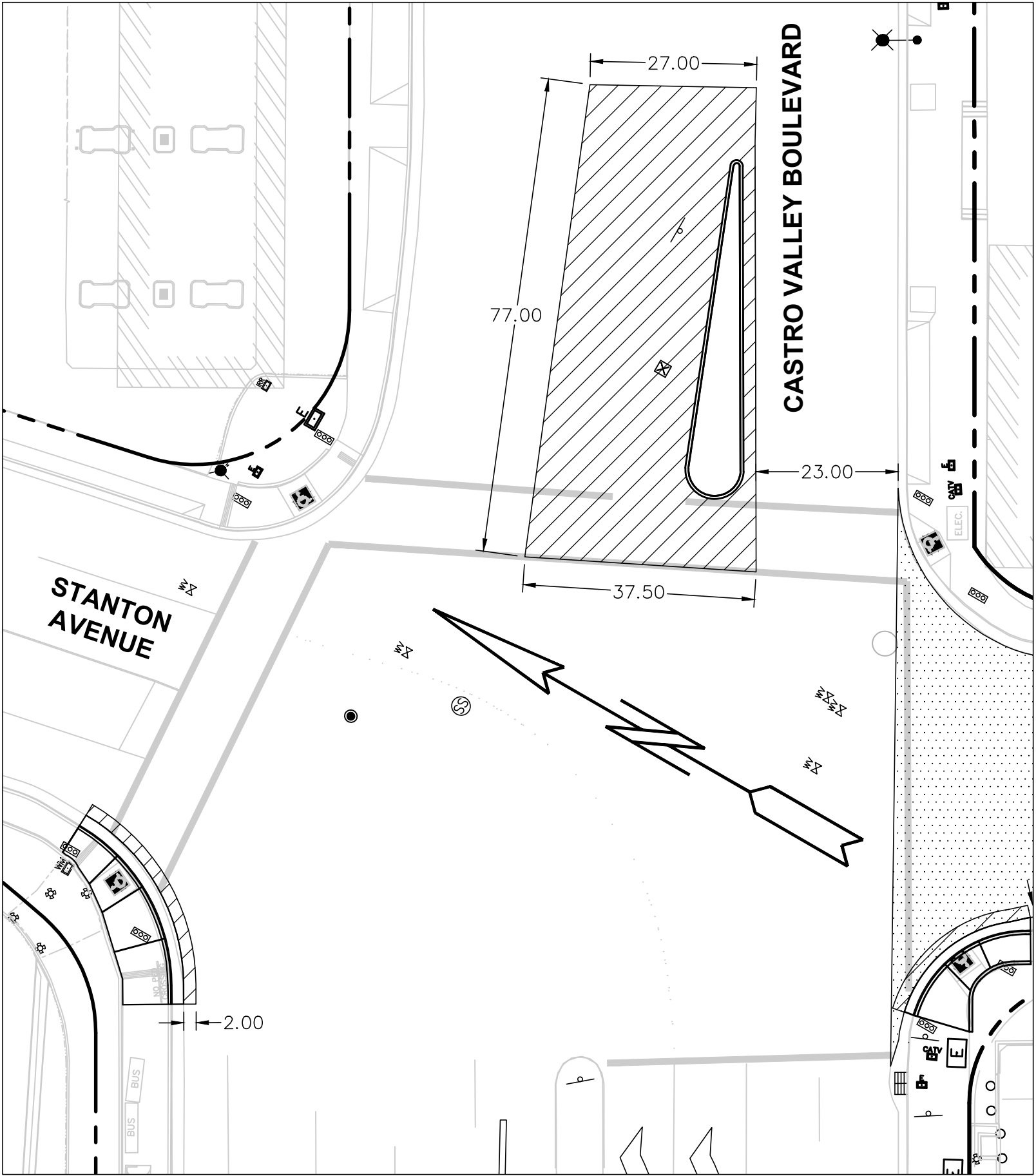
APPROVED

CONSTRUCTION	REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
MAINTENANCE			SURVEY	
REAL ESTATE			TRAFFIC	
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LEGEND	
	TYPE A HMA PLUG (6" DEPTH)
	MILL & OVERLAY 2"



APPROVED

APPROVAL DATE:

REVISIONS

NO.	DESCRIPTION	BY	DATE
1	SHEET REPLACED-REVISIONS CLOUDED	MM	04/25/24

COUNTY OF ALAMEDA

☆

PUBLIC WORKS AGENCY

THE INTERSECTION IMPROVEMENTS AT
NORBRIDGE AVENUE AND STROBRIDGE AVENUE
IN THE VICINITY OF INTERSTATE 580

PAVING PLAN

WORK ORDER NO.
R26278

SPECIFICATION NO.
2445

SHEET NO.
37A OF 41

FILE NO.
U-441-2

DRAWN
AMER K. LO

DESIGNED
AMER K. LO

CHECKED
AMER K. LO

APPROVAL RECOMMENDED
AMER K. LO

DATE
MAR 2024

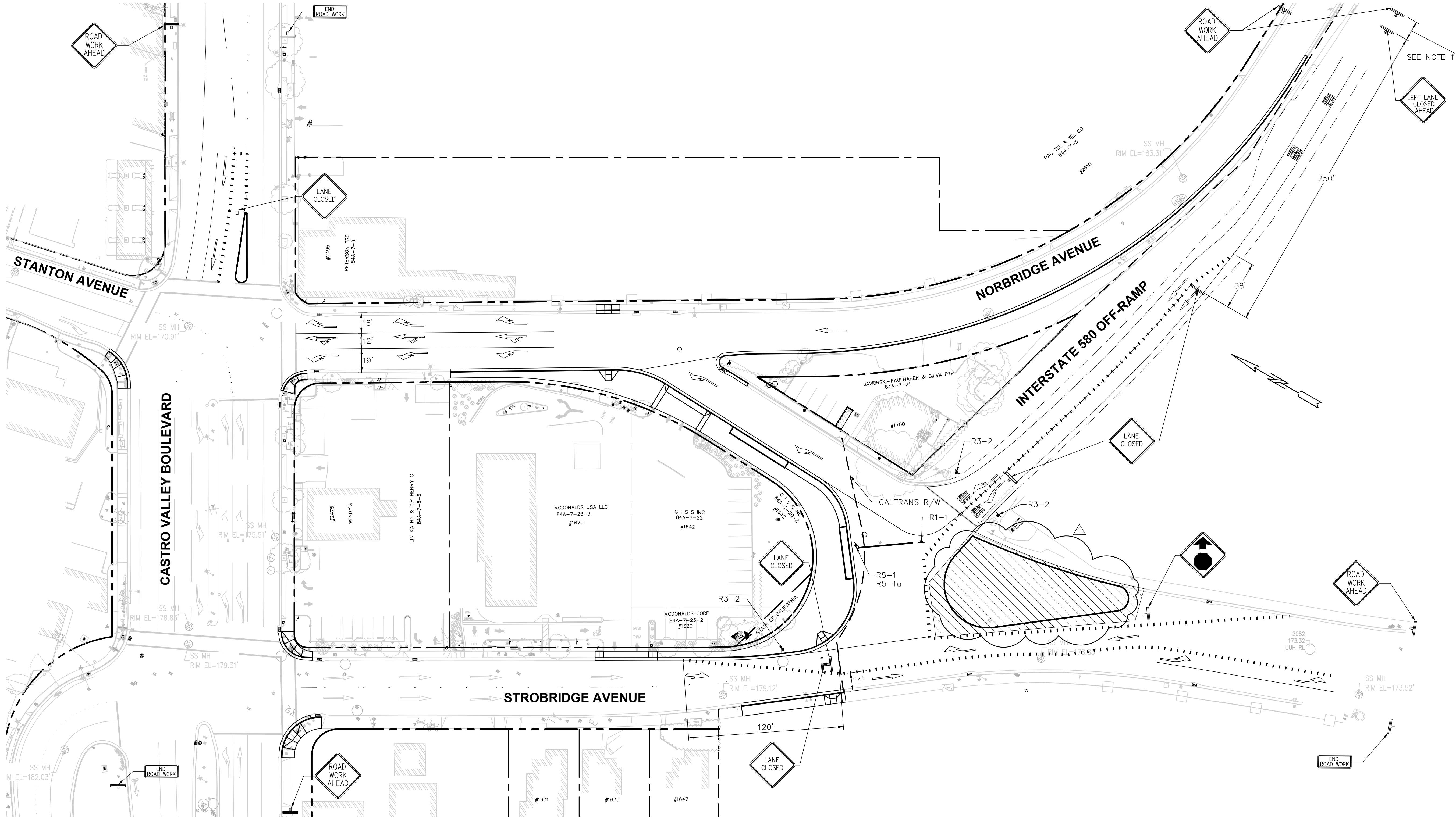
SCALE
1"=20'

FOR REDUCED ENGLISH PLANS
ORIGINAL SCALE IS IN INCHES



CONSTRUCTION	REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
MAINTENANCE			SURVEY	
REAL ESTATE			TRAFFIC	
			ENVIRONMENTAL	

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LEGEND

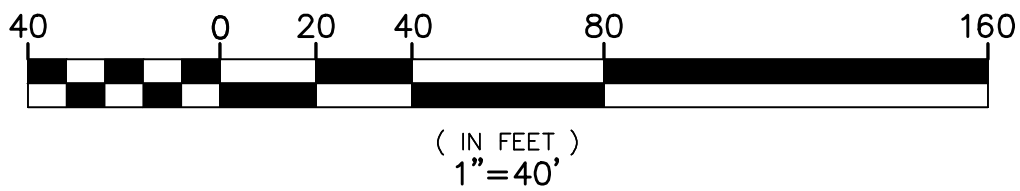
- WORK AREA
- TRAFFIC CONES
- TEMPORARY SIGN
- TEMPORARY TRAFFIC CONTROL SIGN

STAGE 3 WORK

- CONSTRUCT PCC ISLAND WITHIN WORK AREA
- COMPLETE TRAFFIC SIGNAL IMPROVEMENTS
- INSTALL NEW SIGNS
- LANDSCAPING WORK

NOTES

- SEE CALTRANS STD PLANS T9-T14 FOR TYPICAL LANE CLOSURES AND PLACEMENT OF TRAFFIC CONTROL DEVICES
- WORK AREA FOR TRAFFIC SIGNAL WORK NOT SHOWN.
- NOT ALL CONSTRUCTION AREA SIGNS SHOWN. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING A TRAFFIC CONTROL PLAN APPROPRIATE FOR EACH STAGE OF WORK.
- ALL STRIPING SHALL BE TEMPORARY STRIPING UNLESS OTHERWISE NOTED
- TRAFFIC SIGNAL OPERATION CHANGES SHALL NOT GO INTO EFFECT UNTIL FINAL STRIPING AND SIGNING WORK IS COMPLETED
- NEW PERMANENT SIGNS SHALL BE COVERED UNTIL COMPLETION OF STAGE 4



COUNTY OF ALAMEDA

THE INTERSECTION IMPROVEMENTS AT NORBRIDGE AVENUE AND STROBRIDGE AVENUE IN THE VICINITY OF INTERSTATE 580

STAGE 3 PLAN

APPROVED

REGISTERED PROFESSIONAL ENGINEER

AMBER K. LO

NO. 01450000000000000000

DATE: 04/25/24

BY: MM

DESCRIPTION: SHEET REPLACED-REVISIONS CLOUDED

APPROVAL DATE:

APPROVAL RECOMMENDED

DESIGNED

CHECKED

DATE: MAR 2024

SCALE: 1"=40'

WORK ORDER NO.

R26278

SPECIFICATION NO.

2445

SHEET NO.

40A OF 41

FILE NO.

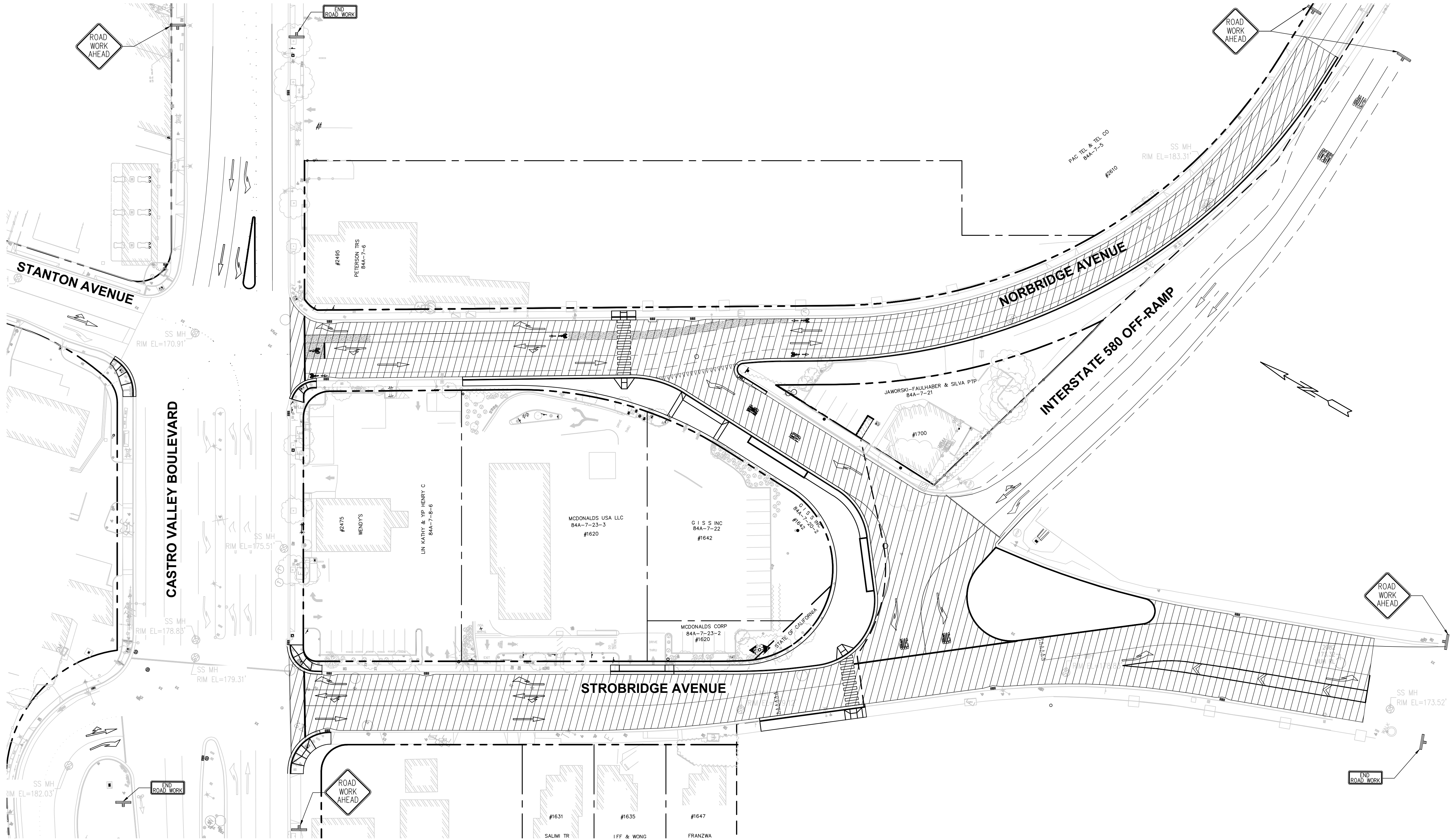
U-441-2

REVISIONS

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CONSTRUCTION	REVIEWED BY:	DATE:	REVIEWED BY:	DATE:
MAINTENANCE			SURVEY	
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LEGEND

- WORK AREA
- TRAFFIC CONES
- TEMPORARY SIGN
- TEMPORARY TRAFFIC CONTROL SIGN

STAGE 4 WORK

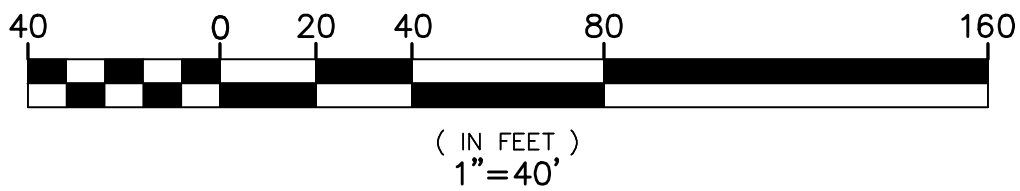
- PLACE FINAL 2" OF TYPE A HMA WHERE APPLICABLE
- SLURRY SEAL RESURFACING WHERE APPLICABLE
- INSTALL FINAL STRIPING
- FINISHING ROADWAY WORK

NOTES

- SEE CALTRANS STD PLAN T11 FOR TYPICAL LANE CLOSURES
- SEE PAVING PLAN FOR PAVING AND SLURRY SEAL LIMITS
- SEE SIGNING AND STRIPING PLAN FOR FINAL STRIPING PLAN
- NOT ALL CONSTRUCTION AREA SIGNS SHOWN. CONTRACTOR IS RESPONSIBLE FOR SUBMITTING A TRAFFIC CONTROL PLAN APPROPRIATE FOR EACH STAGE OF WORK.
- TRAFFIC SIGNAL OPERATION CHANGES SHALL NOT GO INTO EFFECT UNTIL FINAL STRIPING AND SIGNING WORK IS COMPLETED
- NEW SIGNS SHALL BE COVERED UNTIL COMPLETION OF STAGE 4
- DURING PAVING OPERATIONS, MAINTAIN ONE TRAFFIC LANE IN EACH DIRECTION, NOT LESS THAN 12' WIDE, OPEN FOR PUBLIC TRAFFIC AT ALL TIMES.

STAGE 4 PLAN

SCALE: 1"=20'



COUNTY OF ALAMEDA ☆ PUBLIC WORKS AGENCY				REVISIONS			
THE INTERSECTION IMPROVEMENTS AT NORBRIDGE AVENUE AND STROBRIDGE AVENUE IN THE VICINITY OF INTERSTATE 580 STAGE 4 PLAN				NO.	DESCRIPTION	BY	DATE
WORK ORDER NO. R26278				APPROVAL			
SPECIFICATION NO. 2445				PROFESSIONAL ENGINEER AMBER K. LO No. C71399 STATE OF CALIF. CIVIL			
SHEET NO. 41A OF 41				APPROVAL DATE:			
FILE NO. U-441-2				APPROVAL DATE:			
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