

CITY OF NOVATO - DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION - CAPITAL IMPROVEMENT PROGRAM SECTION

Rowland Boulevard Improvements from SB101 Ramps to Southern Terminus

(CIP PROJECT No. 21 - 005)

Novato

Marin County

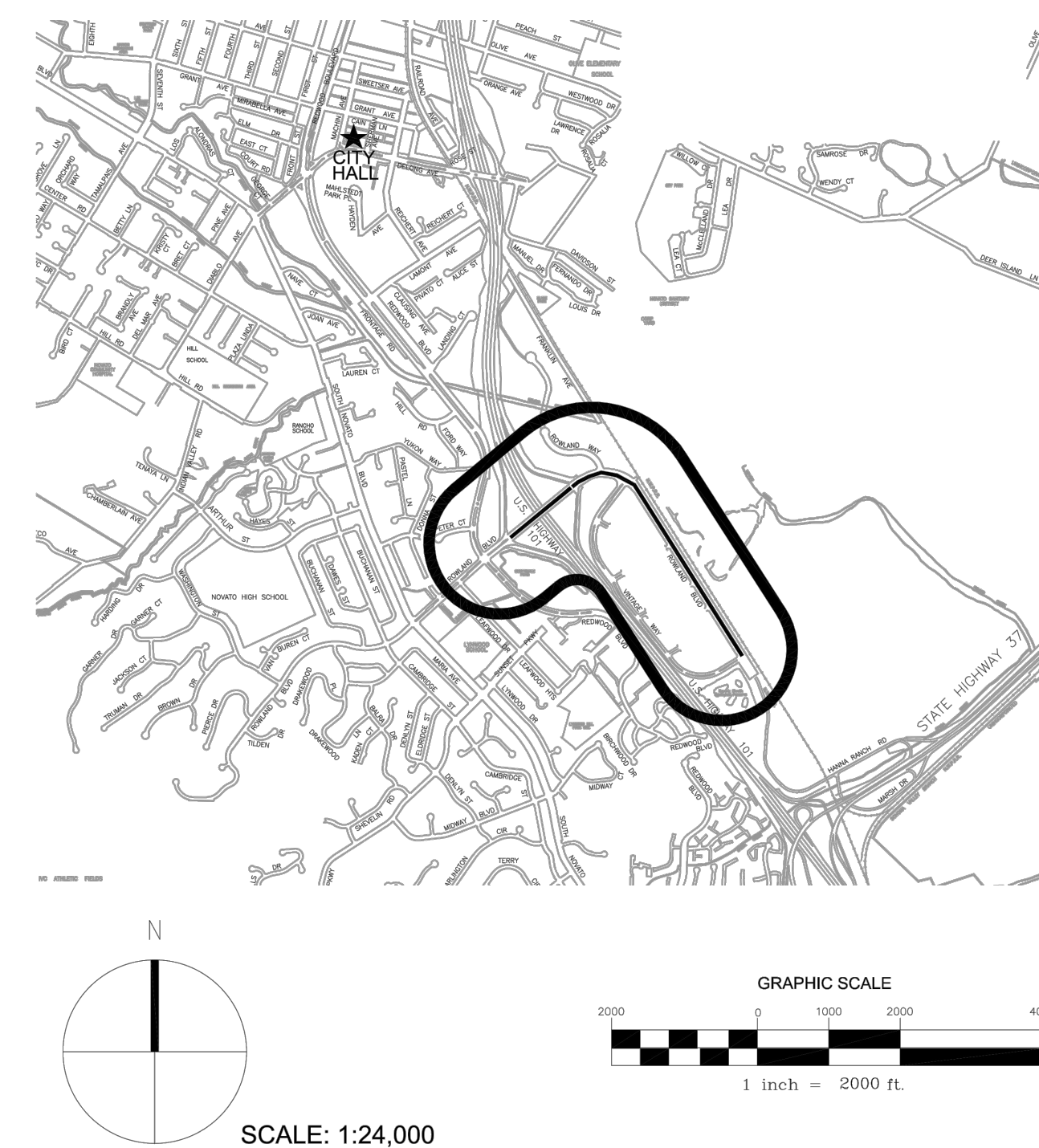
California

GENERAL NOTES

- CONTRACTORS SHALL COMPLY WITH ECONOMIC SANCTIONS IMPOSED BY THE STATE AND FEDERAL GOVERNMENT IN RESPONSE TO RUSSIA'S ACTIONS IN UKRAINE. STATE OF CALIFORNIA SANCTIONS [EXECUTIVE ORDER N-6-22 (EO)] CAN BE FOUND AT: <https://www.gov.ca.gov/wp-content/uploads/2022/03/3.4.22-Russia-Ukraine-Executive-Order.pdf> FEDERAL GOVERNMENT SANCTIONS CAN BE FOUND AT: <https://home.treasury.gov/policy-issues/financial-sanctions/sanctions-programs-and-country-information/ukraine-russia-related-sanctions>
- NOVEL CORONAVIRUS DISEASE 2019 ("COVID-19"). THE CONTRACTOR SHALL COMPLY WITH THE LATEST ORDERS ISSUED BY THE STATE OF CALIFORNIA OR THE HEALTH OFFICER OF THE COUNTY OF MARIN. CONSTRUCTION ACTIVITIES INCLUDING PUBLIC WORKS PROJECTS SHALL COMPLY WITH THE CONSTRUCTION PROJECT SAFETY PROTOCOLS INCORPORATED INTO THE ORDER, EXCEPT IF OTHER PROTOCOLS ARE SPECIFIED BY THE HEALTH OFFICER. IF STATE AND COUNTY ORDERS DIFFER, CONTRACTOR MUST FOLLOW THE MORE RESTRICTIVE DIRECTIVES AND ORDERS RELATED TO THE COVID-19 PANDEMIC.
- THE CONTRACTOR SHALL INSPECT THE PROJECT SITE PRIOR TO SUBMITTING A BID IN ORDER TO OBSERVE AND DETERMINE THE EXISTING JOBSITE CONDITIONS.
- THE CONTRACTOR SHALL HOLD HARMLESS THE CITY, HIS AUTHORIZED REPRESENTATIVES FROM ALL LIABILITIES AND DAMAGES RESULTING FROM THEIR CONSTRUCTION ACTIVITIES OR THE ACTIVITIES OF THEIR SUBCONTRACTORS.
- THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR SHALL BE REQUIRED TO ASSUME COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT. THESE PLANS DO NOT INCLUDE COMPONENTS NECESSARY FOR CONSTRUCTION SAFETY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE FOR THE SAFETY OF ALL PERSONS AND PROPERTY DURING THE COURSE OF THE PROJECT.
- THE CONTRACTOR SHALL COMPLY WITH THE RULES AND REGULATIONS OF THE CAL/OSHA CONSTRUCTION SAFETY ORDERS. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION AND ELEVATION OF ALL EXISTING UTILITIES INCLUDING ALL OVERHEAD AND BURIED UTILITIES WITHIN THE WORK AREA PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL PROCEED WITH CAUTION DURING UNDERGROUND OPERATIONS AND SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL UTILITIES DAMAGED DURING CONSTRUCTION AT THE CONTRACTOR'S EXPENSE. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A) AT (800) 227-2600 A MINIMUM OF 48 HOURS IN ADVANCE OF ANY EXCAVATION.
- EVERY EFFORT HAS BEEN MADE TO SHOW THE LOCATION OF EXISTING UTILITIES AND OBSTRUCTIONS WHICH MAY INTERFERE WITH THE WORK. CONTRACTOR SHALL NOTIFY THE APPROPRIATE AGENCIES PRIOR TO STARTING ANY WORK WHICH MAY AFFECT THEIR FACILITIES.
- TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. ALL TRAFFIC CONTROL AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS [CA MUTCD 2014 REVISION 6 (MARCH 30, 2021), AS AMENDED FOR USE IN CALIFORNIA]. THE CONTRACTOR SHALL PREPARE, SUBMIT, AND RECEIVE CITY APPROVAL FOR A TRAFFIC CONTROL PLAN PRIOR TO PERFORMING ANY WORK. THE TCP IS REQUIRED FOR THE CALTRANS DUPLICATE ENCROACHMENT PERMIT.
- THE CITY ENGINEER ASSUMES NO RESPONSIBILITY FOR FINAL GRADE OF CONCRETE UNLESS HE HAS CHECKED FORMS PRIOR TO PLACING CONCRETE.
- CONTRACTOR SHALL PERFORM WATER TESTS AT ALL GUTTERS LESS THAN 1% GRADES AND AT SAGS.
- THE CONTRACTOR SHALL PROVIDE FOR CONTINUOUS INGRESS AND EGRESS TO ALL PRIVATE PROPERTY ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION UNLESS OTHERWISE SHOWN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES TO THE SITE OR THE SURROUNDING AREA AS A RESULT OF THE CONTRACTOR'S WORK OR OPERATIONS. EXISTING FACILITIES THAT ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- ALL EXISTING FACILITIES, STRUCTURES, TREES, FENCES, LANDSCAPING, ETC. ARE TO REMAIN. ONLY THOSE SPECIFICALLY DESIGNATED FOR REMOVAL AS SHOWN ON THE PLANS, OR AS DIRECTED BY THE ENGINEER, SHALL BE REMOVED, ALL OTHERS SHALL BE PROTECTED IN PLACE.
- ALL STRIPING AND PAVEMENT MARKINGS IN THIS CONTRACT SHALL BE THERMOPLASTIC WITH THE EXCEPTION OF THE CONCRETE OVERPASS AT US101 WHERE THE STRIPING AND PAVEMENT MARKINGS SHALL BE PAINT. CONTRACTOR SHALL BE RESPONSIBLE FOR MONUMENTATION OF ALL EXISTING STRIPING/MARKING FOR REPLACEMENT PURPOSES. UNLESS NOTED OTHERWISE ALL EXISTING STRIPING/MARKING SHALL BE REPLACED IN THE LOCATION & CONFIGURATION SHOWN ON THE PLANS. THE COST OF MONUMENTING EXISTING AND LAYOUT OF REPLACEMENT STRIPING/MARKING SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE FOR THE STRIPING/MARKING BEING INSTALLED.
- IF, DURING THE COURSE OF THE WORK, THE CONTRACTOR ENCOUNTERS ANY SURFACE OR SUBSURFACE MATERIALS THAT HE/SHE BELIEVES ARE HAZARDOUS (AS DEFINED IN SECTION 25117 OF THE HEALTH AND SAFETY CODE), THE CONTRACTOR MUST INFORM THE ENGINEER IN WRITING IMMEDIATELY. MATERIAL IS TO REMAIN UNDISTURBED UNTIL AN INVESTIGATION BY THE CITY. REMOVAL AND/OR DISPOSAL OF HAZARDOUS MATERIAL IS NOT PART OF THE SCOPE OF WORK.
- ALL DETAILS, REFERENCES, LEGENDS AND ABBREVIATIONS ARE DONE ACCORDING TO "STANDARD PLANS" AND "STANDARD SPECIFICATIONS" ISSUED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (2018).

CONSTRUCTION NOTES

- CONCRETE TO BE CLASS 'A' (6 SACK MIX).
- NO CONCRETE SHALL BE PLACE PRIOR TO FORM INSPECTION AND STEEL APPROVAL BY THE CITY ENGINEER.
- ALL CONCRETE SHALL BE BROOM FINISHED.
- SIDEWALK, CURB AND GUTTER SHALL BE IN ACCORDANCE WITH CONSTRUCTION STANDARDS FOR ALL CITIES AND COUNTY OF MARIN, ADOPTED JULY, 2018. DRAWING No. 105.
- SEE CONSTRUCTION STANDARDS FOR ALL CITIES AND COUNTY OF MARIN, ADOPTED JULY, 2018. DRAWING No. 200 FOR GENERAL NOTES.
- SADDLE TYPE CATCH BASIN SHALL BE IN ACCORDANCE WITH CONSTRUCTION STANDARDS FOR ALL CITIES AND COUNTY OF MARIN, ADOPTED JULY, 2018. DRAWING No. 270.
- CURB RAMPS, REFER TO CALTRANS STANDARD PLAN A88A (2018 STANDARD PLANS).
- ALL CURB, GUTTER, AND SIDEWALK REPLACEMENT SHALL BE MONOLITHIC UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL CONTACT CITY OF NOVATO TRAFFIC ENGINEERING TO COORDINATE THE CAT TRACKING AND LAYOUT WORK INCLUDING EXACT LOCATIONS AND PLACEMENT. ALL CAT TRACKING AND LAYOUT ARE TO BE IN PLACE AT LEAST 48 HOURS ADVANCE OF PLACING ANY PAVEMENT STRIPING, DELINEATION OR PAVEMENT MESSAGES TO ALLOW TIME FOR CITY TO REVIEW.
- ALL ASPHALT CONFORM LINES SHALL BE SAWCUT.



PROJECT NAME: Rowland Blvd Improvements from SB101 Ramps to Southern Terminus

PROJECT NUMBER: CIP No. 21-005

PROJECT LOCATIONS: Redwood Boulevard at the US101 overpass; Rowland Boulevard between the US101 overpass and Rowland Way; Rowland Boulevard between Rowland Way and Vintage Way (north); Rowland Boulevard between Vintage Way (north) and Vintage Way at the southern terminus.

VICINITY MAP

SHEET INDEX

- ROWLAND BOULEVARD IMPROVEMENTS TITLE SHEET CONSTRUCTION DRAWINGS
- ROWLAND BOULEVARD IMPROVEMENTS AT THE US 101 OVERPASS CONSTRUCTION DRAWINGS
- ROWLAND BOULEVARD IMPROVEMENTS AT THE US 101 OVERPASS CONSTRUCTION DRAWINGS
- ROWLAND BOULEVARD IMPROVEMENTS BETWEEN US 101 OVERPASS AND VINTAGE WAY (NORTH) CONSTRUCTION DRAWINGS
- ROWLAND BOULEVARD IMPROVEMENTS FROM VINTAGE WAY (NORTH) TO VINTAGE WAY (SOUTHERN TERMINUS) CONSTRUCTION DRAWINGS
- ROWLAND BOULEVARD IMPROVEMENTS FROM VINTAGE WAY (NORTH) TO VINTAGE WAY (SOUTHERN TERMINUS) CONSTRUCTION DRAWINGS
- ROWLAND BOULEVARD IMPROVEMENTS FROM VINTAGE WAY (NORTH) TO VINTAGE WAY (SOUTHERN TERMINUS) CONSTRUCTION DRAWINGS / DETAILS
- ROWLAND BOULEVARD IMPROVEMENTS FROM VINTAGE WAY (NORTH) TO VINTAGE WAY (SOUTHERN TERMINUS) DETAILS
- ROWLAND BOULEVARD IMPROVEMENTS STAGE CONSTRUCTION PLAN

SYMBOLS

- REMOVE AND REPLACE SIDEWALK, CURB & GUTTER AND CURB RAMP
- REMOVE MISCELLANEOUS CONCRETE
- REMOVE HMA ROADWAY
- REMOVE SOIL FROM MEDIAN ISLAND
- SAWCUT LINE TO REMOVE AC ROADWAY
- 1
2
DETAIL NUMBER
- SHEET NUMBER ON WHICH DETAIL APPEARS
- TRAFFIC SIGN AND POST

ABBREVIATIONS

AC	ASPHALT CONCRETE	WCR	WHEEL CHAIR RAMP
FYG	FLUORESCENT YELLOW GREEN		
HMA	HOT MIX ASPHALT		
HOR	HORIZONTAL		
(L)	LEFT		
LF	LINEAR FEET		
O.C.	ON CENTER		
(R)	RIGHT		
SF	SQUARE FEET		
STD	STANDARD		
TCP	TRAFFIC CONTROL PLAN		
TYP	TYPICAL		
VERT	VERTICAL		

TRAFFIC SIGNS

IMAGE	MUTCD DESIGNATION	SIZE
	W4-2	30 x 30
	R1-1	36 x 36
	R1-3P	18 x 6
	R1-5 LEFT	18 x 18
	W11-2 (FYG)	30 x 30
	W16-7p L (FYG)	24 x 12
	W16-7p R (FYG)	24 x 12
	W16-9p (FYG)	24 X 12

Number	Date	Description	By
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Revision Block	Drawn By: P.S.
	Designed By: P.S.
	Checked By: C.J.B.
	Scale: 1"=20'

CITY OF NOVATO
PUBLIC WORKS
ENGINEERING DIVISION

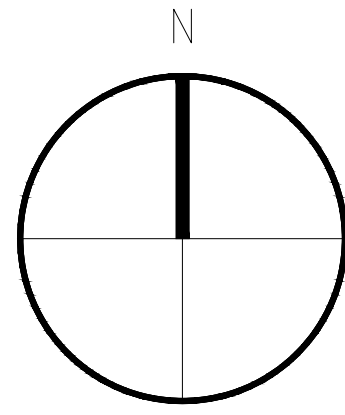
Submitted By: 04/21/22
Project Engineer Date

Approved By: 04/21/22
City Engineer Date

REGISTERED PROFESSIONAL ENGINEER
CHRISTOPHER JON BLUM
No. 76105
Exp. 06/30/22
CIVIL
STATE OF CALIFORNIA

ROWLAND BOULEVARD IMPROVEMENTS
TITLE SHEET
CONSTRUCTION DRAWINGS

Date	April, 2022
Sheet	1 of 9
Project No.	21-005



SHEET NOTES

- PLEASE NOTE THAT BACKGROUND IMAGE MAY APPEAR SHIFTED AND IT'S SHOWN FOR REFERENCE ONLY. PROJECT ENGINEER SHALL VERIFY / APPROVE NEW CONSTRUCTION ALIGNMENTS IN FIELD.
- CALTRANS DUPLICATE ENCROACHMENT PERMIT IS REQUIRED FOR THE WORK ON THE US101 OVERPASS.

STRIPING NOTES

- REMOVAL OF EXISTING THERMOPLASTIC MARKINGS TO ACCOMMODATE NEW / REVISED PAVEMENT MARKINGS WILL BE PAID UNDER THE LUMP SUM BID ITEM: EXISTING STRIPING / MARKINGS REMOVAL.
- STRIPING AND PAVEMENT MARKINGS AT THE US101 CONCRETE OVERPASS SHALL BE REPLACED WITH MATERIALS IN-KIND.
- USE CONTRAST STRIPING DETAILS ON CONCRETE PAVEMENT (STD PLAN A20E).

ROWLAND @ US101 OVERPASS-west end

MARKINGS:
 Type I - 24'-0" Arrow = 31 SF x 2 = 62 SF
 Type III - (L) Arrow = 42 SF x 6 = 252 SF
 STOP LINES = 48 SF x 1 = 48 SF
 BIKE LANE = 11 SF x 3 = 33 SF
 395 SF

STRIPING:
 Detail 9 = 1,002 LF
 Detail 22 = 450 LF
 Detail 38 = 948 LF
 Detail 39 = 1,002 LF



1 ROWLAND BOULEVARD @ US101 OVERPASS (WEST END)
 2 PAVEMENT DELINEATION and MARKINGS
 1"=20'

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Number	Date	Description	By

Drawn By:	P.S.
Designed By:	P.S.
Checked By:	C.J.B.
Scale:	1"=20'

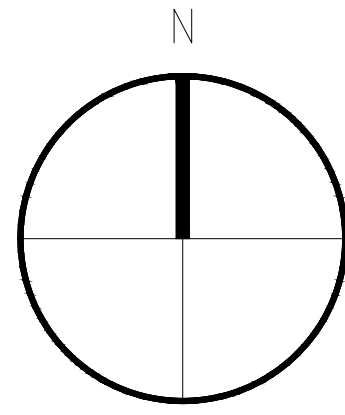


Submitted By:	<i>Dee Shaly</i>	04/21/22
Project Engineer		Date
Approved By:	<i>[Signature]</i>	04/21/22
City Engineer		Date



**ROWLAND BOULEVARD IMPROVEMENTS
 AT THE US101 OVERPASS
 CONSTRUCTION DRAWINGS**

Date	April, 2022
Sheet	2 of 9
Project No.	21-005



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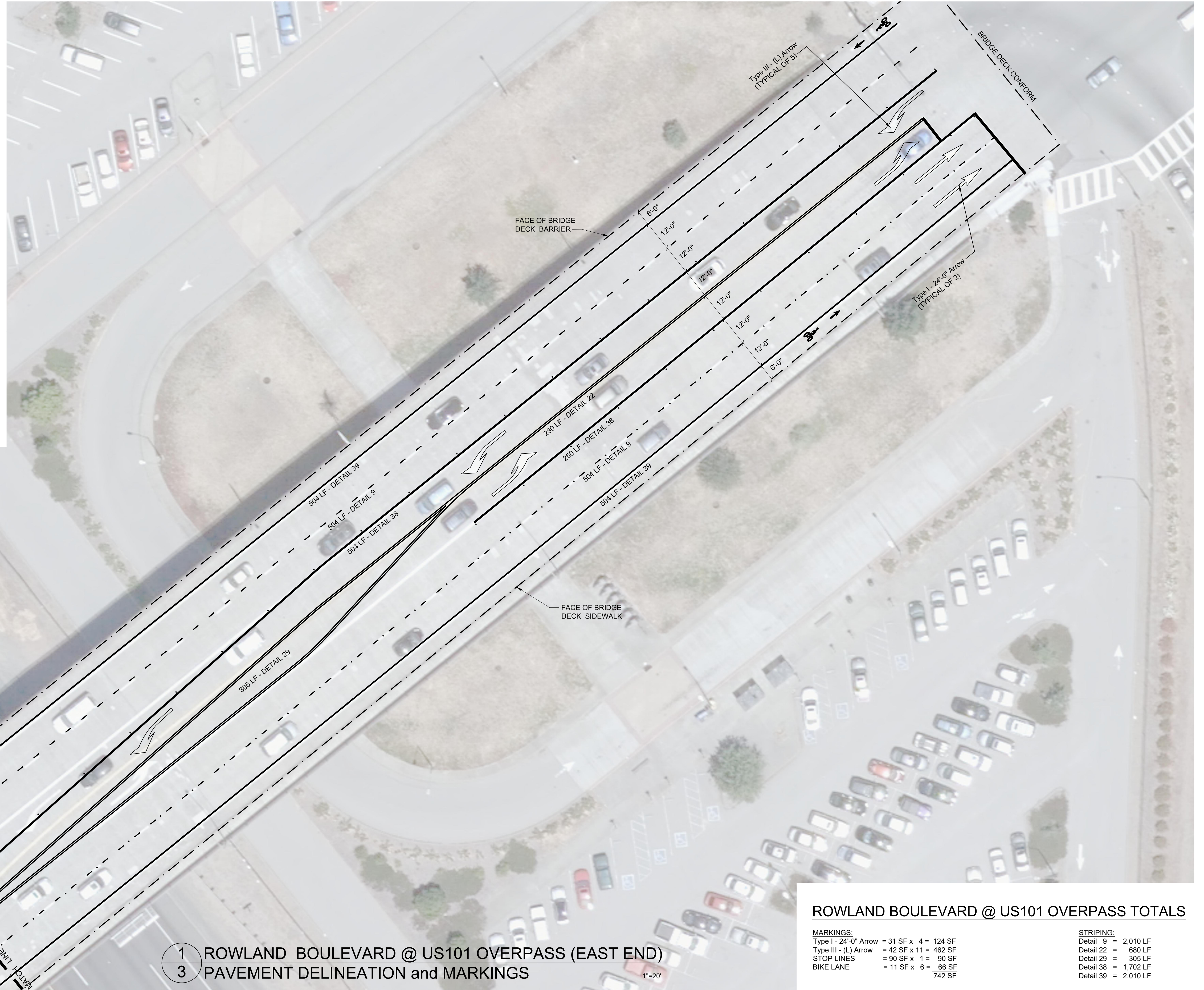
STRIPING NOTES

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- STRIPING AND PAVEMENT MARKINGS AT THE US101 CONCRETE OVERPASS SHALL BE REPLACED WITH MATERIALS IN-KIND.
- USE CONTRAST STRIPING DETAILS ON CONCRETE PAVEMENT (STD PLAN A20E).

ROWLAND @ US101 OVERPASS-east end

MARKINGS:
 Type I - 24'-0" Arrow = 31 SF x 2 = 62 SF
 Type III - (L) Arrow = 42 SF x 5 = 210 SF
 STOP LINES = 42 SF x 1 = 42 SF
 BIKE LANE = 11 SF x 3 = 33 SF

STRIPING:
 Detail 9 = 1,008 LF
 Detail 22 = 230 LF
 Detail 29 = 305 LF
 Detail 38 = 754 LF
 Detail 39 = 1,008 LF



1 ROWLAND BOULEVARD @ US101 OVERPASS (EAST END)
3 PAVEMENT DELINEATION and MARKINGS

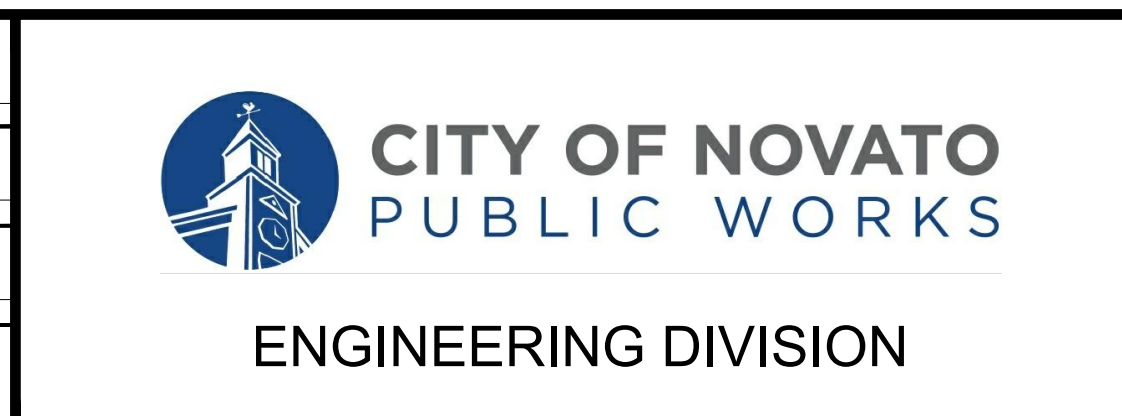
ROWLAND BOULEVARD @ US101 OVERPASS TOTALS

MARKINGS:
 Type I - 24'-0" Arrow = 31 SF x 4 = 124 SF
 Type III - (L) Arrow = 42 SF x 11 = 462 SF
 STOP LINES = 90 SF x 1 = 90 SF
 BIKE LANE = 11 SF x 6 = 66 SF
742 SF

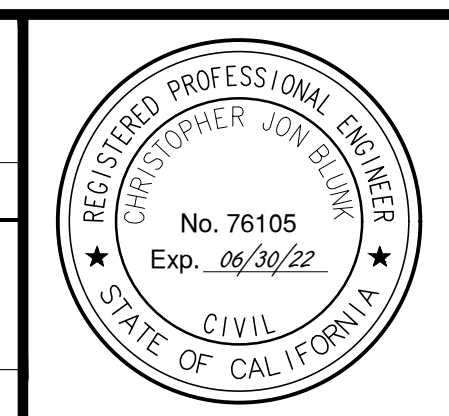
STRIPING:
 Detail 9 = 2,010 LF
 Detail 22 = 680 LF
 Detail 29 = 305 LF
 Detail 38 = 1,702 LF
 Detail 39 = 2,010 LF

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Number	Date	Description	By

Drawn By:	P.S.
Designed By:	P.S.
Checked By:	C.J.B.
Scale:	1"=20'



Submitted By:	<i>Chris Shaly</i>	04/21/22
Project Engineer		Date
Approved By:	<i>[Signature]</i>	04/21/22
City Engineer		Date

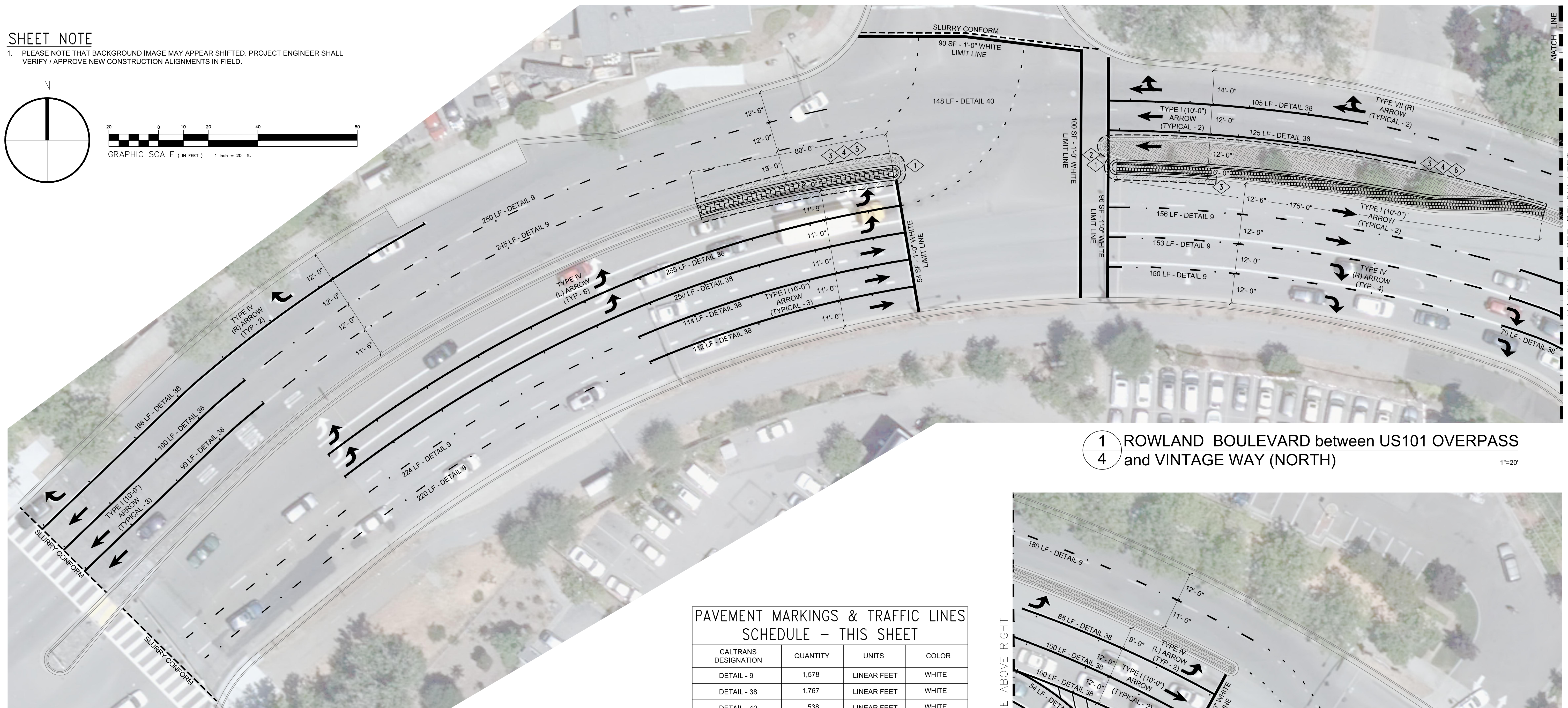
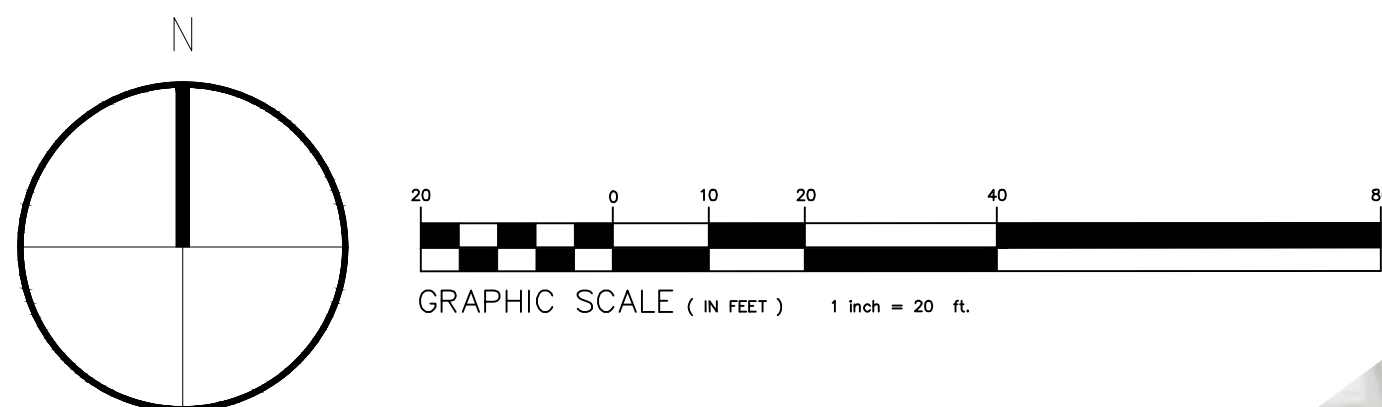


**ROWLAND BOULEVARD IMPROVEMENTS
 AT THE US101 OVERPASS
 CONSTRUCTION DRAWINGS**

Date	April, 2022
Sheet	3 of 9
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SHEET NOTE

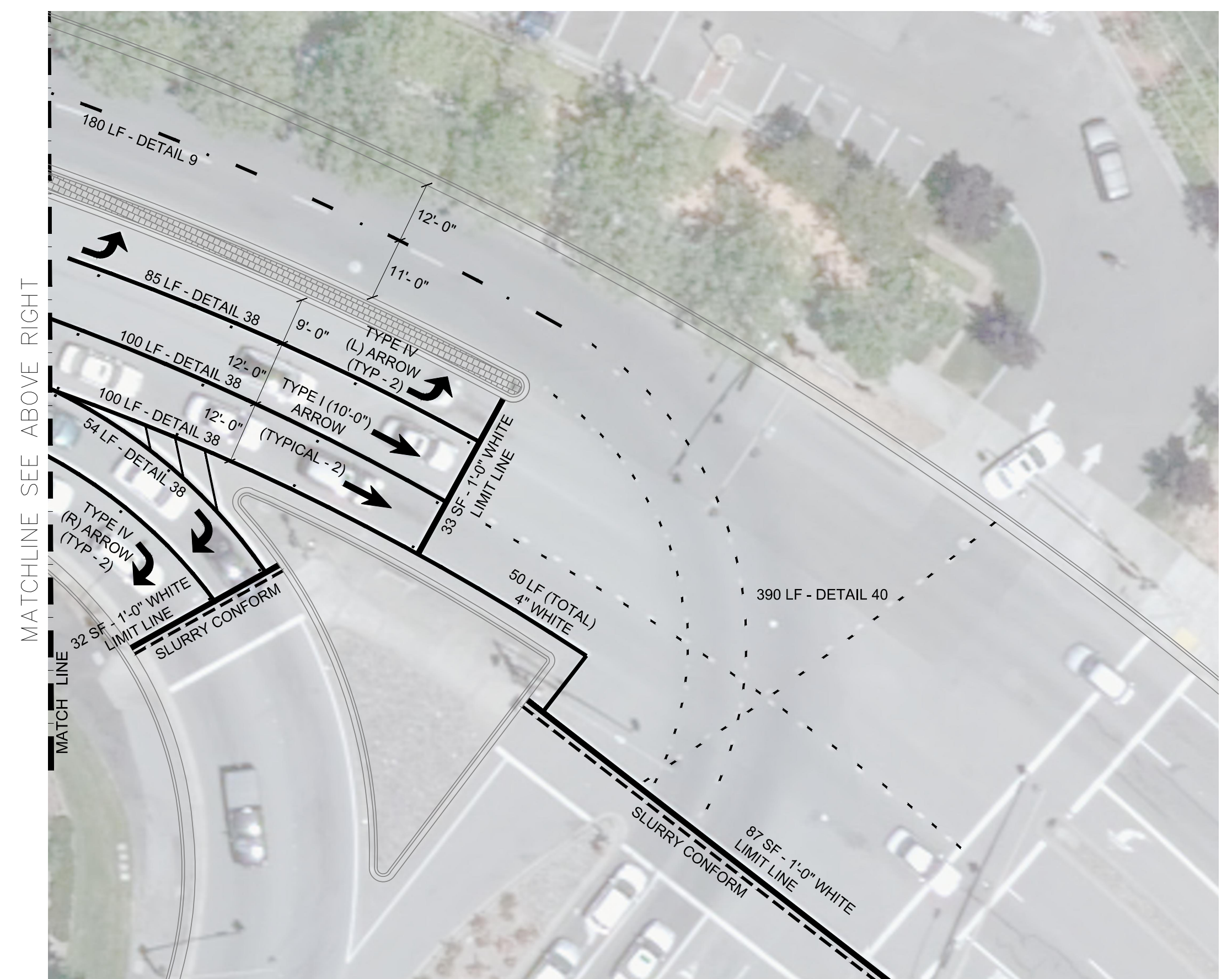
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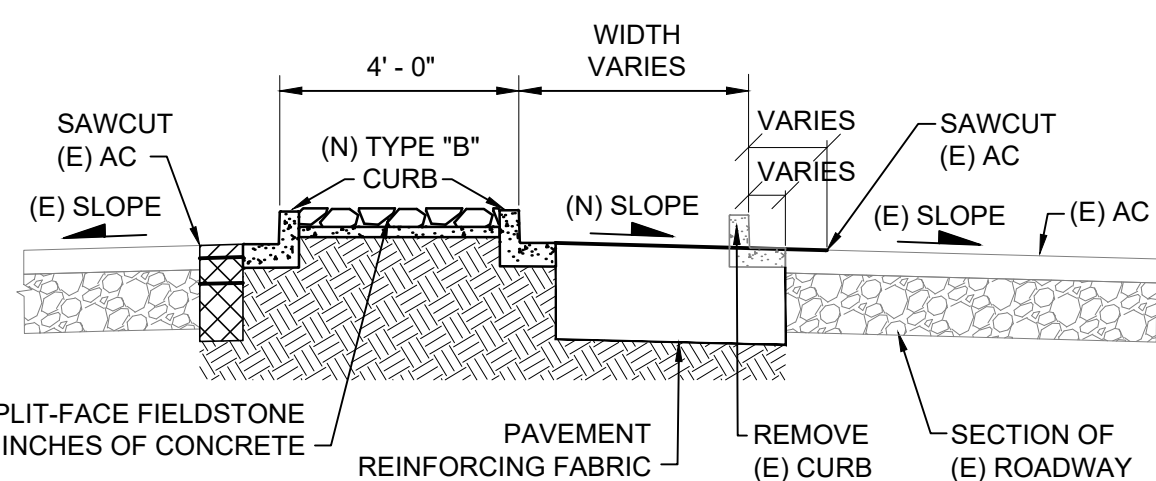
1 ROWLAND BOULEVARD between US101 OVERPASS and VINTAGE WAY (NORTH) 1"=20'

PAVEMENT MARKINGS & TRAFFIC LINES SCHEDULE - THIS SHEET

CALTRANS DESIGNATION	QUANTITY	UNITS	COLOR
DETAIL - 9	1,578	LINEAR FEET	WHITE
DETAIL - 38	1,767	LINEAR FEET	WHITE
DETAIL - 40	538	LINEAR FEET	WHITE
4" WHITE	50	LINEAR FEET	WHITE
PAVEMENT MARKINGS	954	SQUARE FEET	WHITE



2 ROWLAND BOULEVARD between US101 OVERPASS and VINTAGE WAY (NORTH) 1"=20'



NOTES:

- ROAD WIDENING DEEP LIFT HMA (1.00' TOTAL) +/- 0.80'(3/4" AC MIX) - FIRST LIFT +/- 0.25'(3/4" AC MIX) - SECOND LIFT +/- 0.15'(1/2" AC MIX) - FINAL LIFT
- SAWCUT (E) AC MIN 6" FROM (E) CURB TO 2' MAX FROM NEW CURB LOCATION WHICHEVER IS GREATER; REMOVE ROADWAY MATERIAL TO ACCOMMODATE (E) CURB REMOVAL / FORMWORK / DEEP LIFT HMA AS REQUIRED.
- NEW ROADWAY SLOPE (ROAD WIDENING DEEP LIFT HMA AREA) TO MATCH EXISTING ROADWAY SLOPE.

NUMBERED NOTES

- REMOVE / PROTECT / REINSTALL EXISTING OM1-1 AND R4-7 SIGNS ON NEW POST (REMOVE EXISTING POST).
- REMOVE EXISTING EXISTING POST WITH PEDESTRIAN PUSH BUTTON, ASSOCIATED CONDUIT / WIRES AND No. 3 1/2 PULLBOX FROM MEDIAN ISLAND. REALIGN EXISTING 4" CONDUIT, INSTALL NEW CONDUIT SECTION TO CREATE CONTINUOUS RUN AND RE-PULL EXISTING WIRES. ALL WORK AND MATERIAL WILL BE PAID UNDER THE LUMP SUM BID ITEM: EXISTING PEDESTRIAN PUSH BUTTON AND PULLBOX REMOVAL.
- SAWCUT, REMOVE AND REPLACE HMA (MATCH EXISTING ROADWAY SECTION), MINIMUM OF 2'-0" FROM LIP OF GUTTER / CURB.
- REMOVE AND REPLACE TYPE "B" CURB (SEE DRAWING No. 105 OF UNIFORM STANDARDS ALL CITIES AND COUNTY OF MARIN - JULY 2018) TO CREATE NEW CONCRETE MEDIAN. THE HALF CIRCLE NOSE AREA SHALL BE FILLED WITH CONCRETE.
- INSTALL (SET IN 3 INCHES OF CONCRETE) SPLIT-FACE FIELDSTONE (MATCH EXISTING) IN THE NEW MEDIAN ISLAND AREA (240 SF).
- REMOVE EXISTING SHRUBS / SOIL (SHALL BE INCLUDED IN AND PAID FOR AS CLEARING AND GRUBBING) TO ALLOW ROAD WIDENING DEEP LIFT HMA (SEE DETAIL 3 ON THIS SHEET). INSTALL (SET IN 3 INCHES OF CONCRETE) SPLIT-FACE FIELDSTONE (MATCH EXISTING) IN THE NEW MEDIAN ISLAND AREA (620 SF).

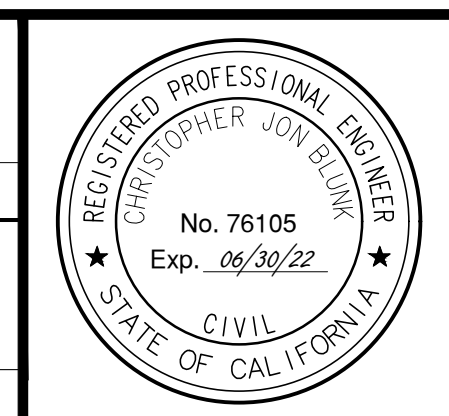
3 ROAD WIDENING DEEP LIFT HMA
4 TYPICAL SECTION NTS

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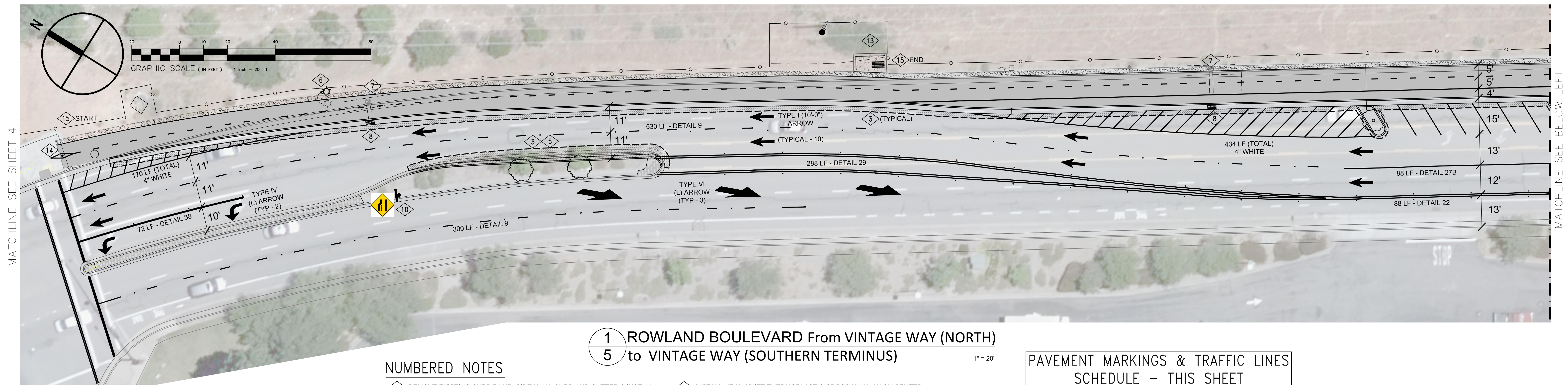
CITY OF NOVATO PUBLIC WORKS
ENGINEERING DIVISION

Submitted By: *Dee Shaly* 04/21/22
Project Engineer Date
Approved By: *[Signature]* 04/21/22
City Engineer Date



ROWLAND BOULEVARD IMPROVEMENTS BETWEEN US101 OVERPASS AND VINTAGE WAY (NORTH) CONSTRUCTION DRAWINGS

Date	April, 2022
Sheet	4 of 9
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**1 ROWLAND BOULEVARD From VINTAGE WAY (NORTH)
5 to VINTAGE WAY (SOUTHERN TERMINUS)** 1" = 20'

NUMBERED NOTES

- 1 REMOVE EXISTING CURB RAMP, SIDEWALK, CURB AND GUTTER & INSTALL NEW CURB RAMP - PER CALTRANS STANDARD PLAN A88A.
- 2 REMOVE & REPLACE SECTION OF EXISTING SIDEWALK TO TRANSITION / CONFORM BETWEEN NEW CURB RAMP 1.5% CROSS SLOPE AND EXISTING SIDEWALK CROSS SLOPE.
- 3 SAWCUT, REMOVE AND REPLACE HMA (MATCH EXISTING ROADWAY SECTION), MINIMUM OF 2'-0" FROM LIP OF GUTTER / CURB.
- 4 CONSTRUCT 1/2" HIGH ROUNDED CURB WITH 1/2" RADIUS IN FRONT OF DETECTABLE WARNING SURFACE - TYPICAL FOR ALL CURB RAMPS.
- 5 DEEP LIFT HMA (SEE DETAIL 3 ON SHEET 4 FOR NOTES).
- 6 RELOCATE EXISTING STREET LIGHT.
- 7 INSTALL STEEL PLATE (72" X 6") TO COVER EXISTING GALLERY DRAIN INLET (SEE DETAIL 4 ON SHEET 7).
- 8 INSTALL DRAIN INLET FRAME AND GRATE IN GUTTER PAN - SADDLE CONNECTION (SEE DETAIL 1 ON SHEET 8).
- 9 INSTALL NEW WHITE THERMOPLASTIC CROSSWALK, 10' ON CENTER (SEE DETAIL 3 ON SHEET 7).
- 10 INSTALL NEW W2-4 SIGN AND POST.
- 11 INSTALL NEW R1-1 AND R1-3p SIGNS AND POST.
- 12 INSTALL NEW R1-3p SIGN ON EXISTING TRAFFIC SIGN POST.
- 13 INSTALL NEW BIRD WATCHING STATION. CONCRETE PLATFORM SHALL BE CONSTRUCTED AS CONCRETE SIDEWALK. DUMOR BENCH 51 SERIES SHALL BE SURFACE MOUNT (S-2) WITH IPE SLATS AND BLACK POWDER COATED FRAME. PEDESTRIAN BARRICADE SHALL BE SURFACE MOUNT TYPE I (CALTRANS STANDARD PLAN ES-7Q).
- 14 INSTALL REMOVABLE BOLLARD (SEE DETAIL 6 ON SHEET 7).
- 15 REMOVE EXISTING CURB AND GUTTER. EXCAVATE SOIL TO ACCOMMODATE INSTALLATION OF 4" OF CLASS 2 BASE, REDWOOD HEADER BOARD (2" X 4") SHALL BE INSTALLED 10 FEET FROM NEW CURB AND GUTTER TO ESTABLISH NEW EDGE OF THE PROPOSED 10 FEET WIDE MUP.
- 16 FOR TREE WELL INSTALLATION (SEE DETAIL 2 ON SHEET 8).

PAVEMENT MARKINGS & TRAFFIC LINES SCHEDULE - THIS SHEET

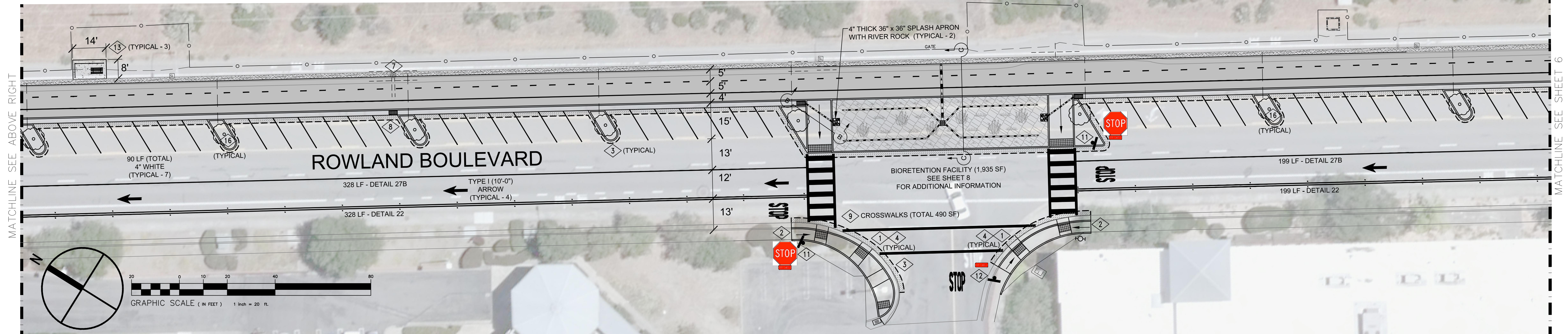
CALTRANS DESIGNATION	QUANTITY	UNITS	COLOR
DETAIL - 9	830	LINEAR FEET	WHITE
DETAIL - 27B	615	LINEAR FEET	YELLOW
DETAIL - 29	288	LINEAR FEET	YELLOW
DETAIL - 38	72	LINEAR FEET	WHITE
4" WHITE	1,235	LINEAR FEET	WHITE
PAVEMENT MARKINGS	838	SQUARE FEET	WHITE
4" DASHED YELLOW BIKE CENTERLINE	1,260	LINEAR FEET	YELLOW
4" WHITE BIKE EDGELINE	915	LINEAR FEET	WHITE

SIGNAGE SCHEDULE - THIS SHEET

IMAGE	MUTCD DESIGNATION	INSTALL NEW SIGNS (2) & NEW POST (1)	INSTALL NEW SIGN & NEW POST	INSTALL NEW SIGN ON EXISTING POST / LIGHT
	W4-2 (30 x 30)	-	1	-
	R1-1 (36 x 36)	2	-	-
	R1-3P (18 x 6)	2	-	1

SHEET NOTES:

- 1. PLEASE NOTE THAT BACKGROUND IMAGE MAY APPEAR SHIFTED. PROJECT ENGINEER SHALL VERIFY / APPROVE NEW CONSTRUCTION ALIGNMENTS IN FIELD.
- 2. THE NEW TOP OF CURB ELEVATION FOR THE MULTI USE PATH (MUP) SHALL BE THE EXISTING TOP OF CURB + 0.29' (OFFSET BY 13.5") WITH THE EXCEPTION OF THE BIORETENTION FACILITY AREA WHERE THE NEW TOP OF CURB ELEVATION IS EXISTING TOP OF CURB + 0.79'
- 3. REMOVAL OF EXISTING NO PARKING AND BIKE LANE SIGNS (10 ON EXISTING POLE AND 4 ON EXISTING STREET LIGHT STANDARD) SHALL BE INCLUDED IN AND PAID FOR AS CLEARING AND GRUBBING.



**2 ROWLAND BOULEVARD From VINTAGE WAY (NORTH)
5 to VINTAGE WAY (SOUTHERN TERMINUS)** 1" = 20'

Number	Date	Description	By
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1	04/12/2022	ISSUED FOR COUNCIL APPROVAL AND BID	PS

Drawn By:	P.S.
Designed By:	P.S.
Checked By:	C.J.B.
Scale:	1"=20'

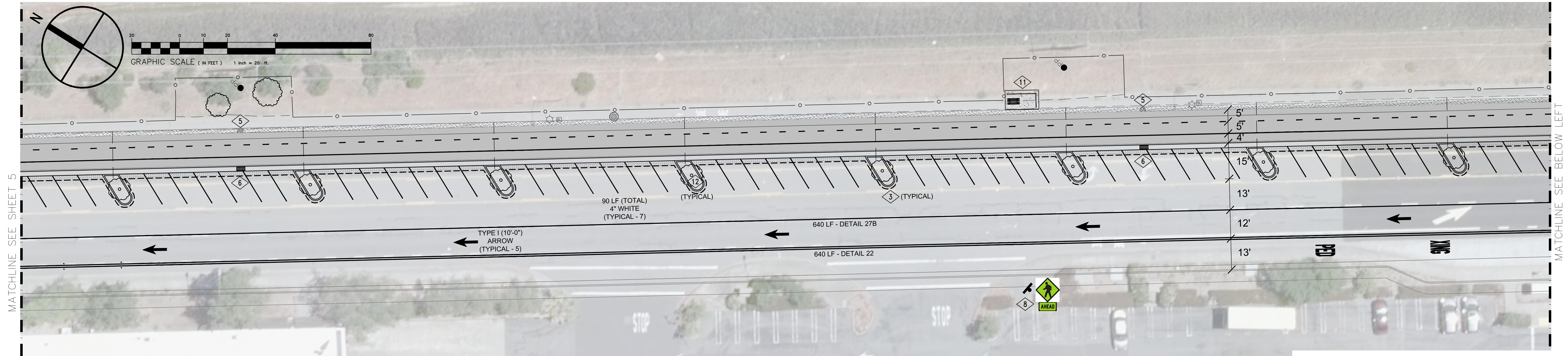
CITY OF NOVATO PUBLIC WORKS
ENGINEERING DIVISION

Submitted By: *Dee Shaly* 04/21/22
Project Engineer Date
Approved By: *[Signature]* 04/21/22
City Engineer Date



**ROWLAND BOULEVARD IMPROVEMENTS
FROM VINTAGE WAY (NORTH) TO VINTAGE WAY (S. TERMINUS)
CONSTRUCTION DRAWINGS**

Date	April, 2022
Sheet	5 of 9
Project No.	21-005



**1 ROWLAND BOULEVARD From VINTAGE WAY (NORTH)
6 to VINTAGE WAY (SOUTHERN TERMINUS)**
1" = 20'

SHEET NOTES:

- PLEASE NOTE THAT BACKGROUND IMAGE MAY APPEAR SHIFTED. PROJECT ENGINEER SHALL VERIFY / APPROVE NEW CONSTRUCTION ALIGNMENTS IN FIELD.
- THE NEW TOP OF CURB ELEVATION FOR THE MULTI USE PATH (MUP) SHALL BE THE EXISTING TOP OF CURB + 0.29' (OFFSET BY 13.5') WITH THE EXCEPTION OF THE BIORETENTION FACILITY AREA WHERE THE NEW TOP OF CURB ELEVATION IS EXISTING TOP OF CURB + 0.79'
- REMOVAL OF EXISTING NO PARKING AND BIKE LANE SIGNS (10 ON EXISTING POLE AND 4 ON EXISTING STREET LIGHT STANDARD) SHALL BE INCLUDED IN AND PAID FOR AS CLEARING AND GRUBBING.

NUMBERED NOTES

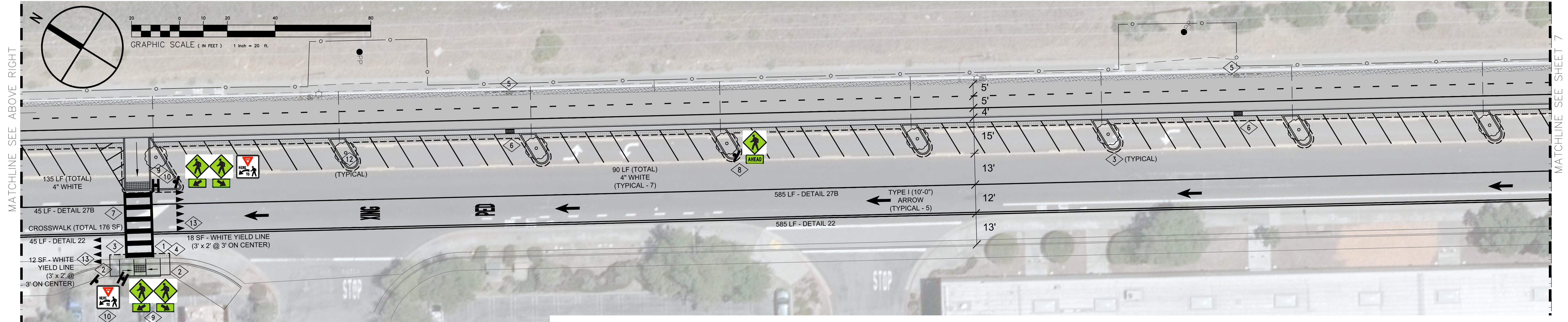
- REMOVE EXISTING CURB RAMP, SIDEWALK, CURB AND GUTTER & INSTALL NEW CURB RAMP - PER CALTRANS STANDARD PLAN A88A.
- REMOVE & REPLACE SECTION OF EXISTING SIDEWALK TO TRANSITION / CONFORM BETWEEN NEW CURB RAMP 1.5% CROSS SLOPE AND EXISTING SIDEWALK CROSS SLOPE.
- SAWCUT, REMOVE AND REPLACE HMA (MATCH EXISTING ROADWAY SECTION), MINIMUM OF 2'-0" FROM LIP OF GUTTER / CURB.
- CONSTRUCT 1/2" HIGH ROUNDED CURB WITH 1/2" RADIUS IN FRONT OF DETECTABLE WARNING SURFACE - TYPICAL FOR ALL CURB RAMP.
- INSTALL STEEL PLATE (72" X 6") TO COVER EXISTING GALLERY DRAIN INLET (SEE DETAIL 4 ON SHEET 7).
- INSTALL DRAIN INLET FRAME AND GRATE IN GUTTER PAN - SADDLE CONNECTION (SEE DETAIL 1 ON SHEET 8).
- INSTALL NEW WHITE THERMOPLASTIC CROSSWALK, 10' ON CENTER (SEE DETAIL 3 ON SHEET 7).
- INSTALL NEW W11-2 AND W16-9p SIGNS AND POST.
- INSTALL NEW W11-2, W16-7pL AND W16-7pR SIGNS AND POST.
- INSTALL NEW R1-5 LEFT SIGN AND POST.
- INSTALL NEW BIRD WATCHING STATION. CONCRETE PLATFORM SHALL BE CONSTRUCTED AS CONCRETE SIDEWALK. DUMOR BENCH 51 SERIES SHALL BE SURFACE MOUNT (S-2) WITH IPE SLATS AND BLACK POWDER COATED FRAME. PEDESTRIAN BARRICADE SHALL BE SURFACE MOUNT TYPE I (CALTRANS STANDARD PLAN ES-7Q).
- FOR TREE WELL INSTALLATION (SEE DETAIL 2 ON SHEET 8).
- INSTALL NEW WHITE THERMOPLASTIC "SHARK'S TEETH" YIELD LINE PER CALTRANS STD A24E.

**PAVEMENT MARKINGS & TRAFFIC LINES
SCHEDULE - THIS SHEET**

CALTRANS DESIGNATION	QUANTITY	UNITS	COLOR
DETAIL - 22	1,270	LINEAR FEET	YELLOW
DETAIL - 27B	1,270	LINEAR FEET	WHITE
4" WHITE	1,395	LINEAR FEET	WHITE
PAVEMENT MARKINGS	424	SQUARE FEET	WHITE
4" DASHED YELLOW BIKE CENTERLINE	1,280	LINEAR FEET	YELLOW
4" WHITE BIKE EDGELINE	1,280	LINEAR FEET	WHITE

SIGNAGE SCHEDULE - THIS SHEET

IMAGE	MUTCD DESIGNATION	INSTALL NEW SIGNS (2) & NEW POST	INSTALL NEW SIGN & NEW POST	INSTALL NEW SIGN ON EXISTING POST / LIGHT
	R1-5 LEFT (18 x 18)	-	2	-
	W11-2 (FYG) (30 x 30)	6 TOTAL = 2 + 2 BACK TO BACK	-	-
	W16-7p L (FYG) (24 x 12)	2 BACK TO BACK	-	-
	W16-7p R (FYG) (24 x 12)	2 BACK TO BACK	-	-
	W16-9p (FYG) (24 x 12)	2	-	-



**2 ROWLAND BOULEVARD From VINTAGE WAY (NORTH)
6 to VINTAGE WAY (SOUTHERN TERMINUS)**
1" = 20'

Number	Date	Description	By
8			
7			
6			
5			
4			
3			
2			
1	04/26/2022	ISSUED FOR COUNCIL APPROVAL AND BID	PS

Drawn By:	P.S.
Designed By:	P.S.
Checked By:	C.J.B.
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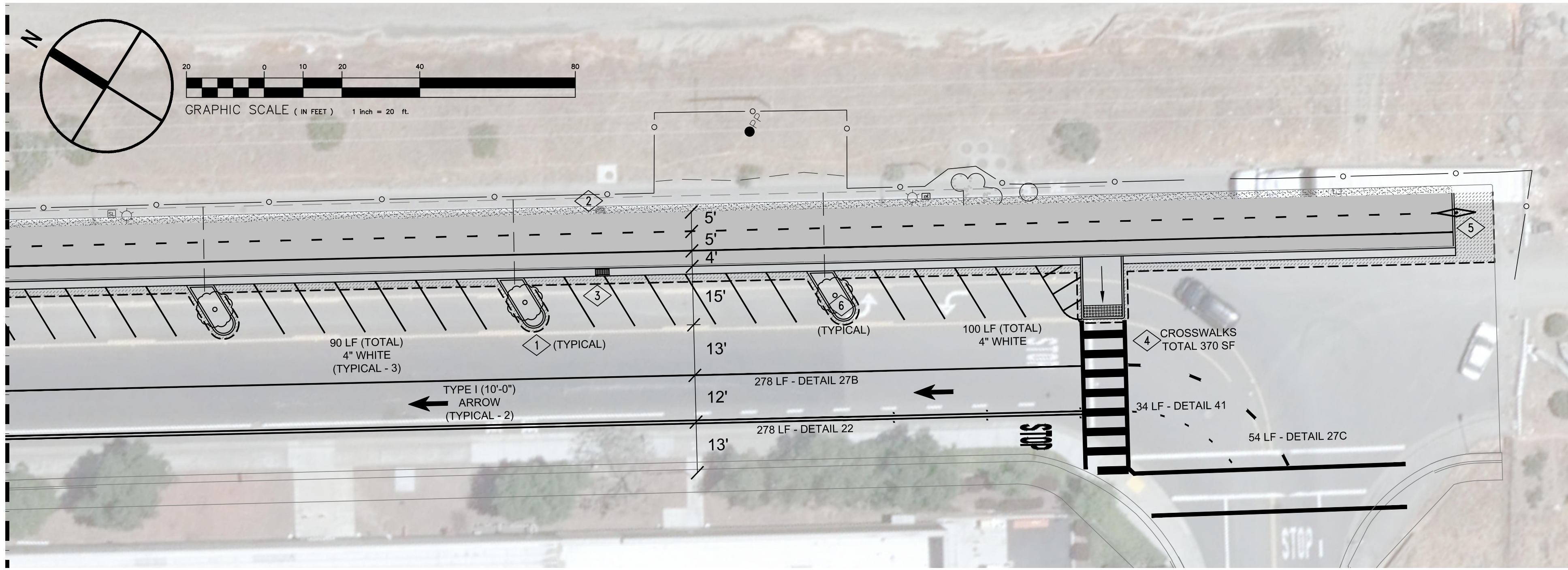
CITY OF NOVATO
PUBLIC WORKS
ENGINEERING DIVISION

Submitted By: *Dee Shaly* 04/21/22
Project Engineer Date
Approved By: *[Signature]* 04/21/22
City Engineer Date

REGISTERED PROFESSIONAL ENGINEER
CHRISTOPHER JON BROWN
No. 76105
Exp. 06/30/22
CIVIL
STATE OF CALIFORNIA

**ROWLAND BOULEVARD IMPROVEMENTS
FROM VINTAGE WAY (NORTH) TO VINTAGE WAY (S. TERMINUS)
CONSTRUCTION DRAWINGS**

Date	April, 2022
Sheet	6 of 9
Project No.	21-005



**1 ROWLAND BOULEVARD From VINTAGE WAY (NORTH)
7 to VINTAGE WAY (SOUTHERN TERMINUS)**
1" = 20'

**PAVEMENT MARKINGS & TRAFFIC LINES
TOTAL SHEETS 5,6 & 7**

CALTRANS DESIGNATION	QUANTITY	UNITS	COLOR
DETAIL - 9	830	LINEAR FEET	WHITE
DETAIL - 22	2,163	LINEAR FEET	YELLOW
DETAIL - 27B	2,163	LINEAR FEET	WHITE
DETAIL - 27C	54	LINEAR FEET	WHITE
DETAIL - 29	288	LINEAR FEET	YELLOW
DETAIL - 38	72	LINEAR FEET	WHITE
DETAIL - 41	34	LINEAR FEET	YELLOW
4" WHITE	3,000	LINEAR FEET	WHITE
PAVEMENT MARKINGS	1,682	SQUARE FEET	WHITE
4" DASHED YELLOW BIKE CENTERLINE	2,910	LINEAR FEET	YELLOW
4" WHITE BIKE EDGE LINE	2,585	LINEAR FEET	WHITE

SIGNAGE - TOTAL SHEETS 5,6 & 7

IMAGE	MUTCD DESIGNATION	INSTALL NEW SIGNS (2) & NEW POST	INSTALL NEW SIGN & NEW POST	INSTALL NEW SIGN ON EXISTING POST / LIGHT
	W4-2 (30 x 30)	-	1	-
	R1-1 (36 x 36)	2	-	-
	R1-3P (18 x 6)	2	-	1
	R1-5 LEFT (18 x 18)	-	2	-
	W11-2 (FYG) (30 x 30)	6 TOTAL = 2 + 2 BACK TO BACK	-	-
	W16-7p L (FYG) (24 x 12)	2 BACK TO BACK	-	-
	W16-7p R (FYG) (24 x 12)	2 BACK TO BACK	-	-
	W16-9p (FYG) (24 x 12)	2	-	-

**PAVEMENT MARKINGS & TRAFFIC LINES
SCHEDULE - THIS SHEET**

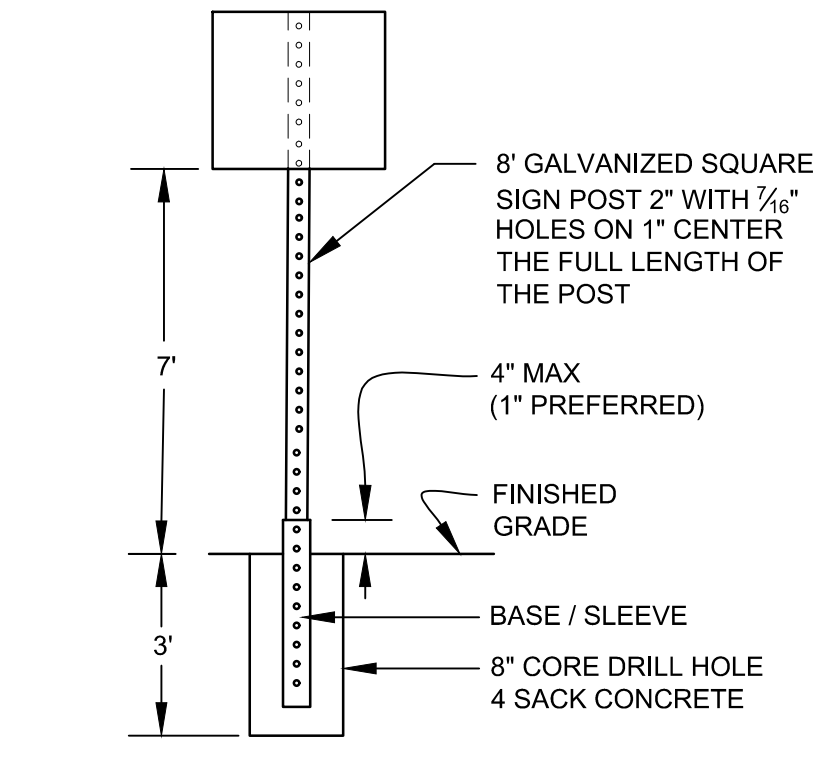
CALTRANS DESIGNATION	QUANTITY	UNITS	COLOR
DETAIL - 22	278	LINEAR FEET	YELLOW
DETAIL - 27B	278	LINEAR FEET	WHITE
DETAIL - 27C	54	LINEAR FEET	WHITE
DETAIL - 41	34	LINEAR FEET	YELLOW
4" WHITE	370	LINEAR FEET	WHITE
PAVEMENT MARKINGS	420	SQUARE FEET	WHITE
4" DASHED YELLOW BIKE CENTERLINE	370	LINEAR FEET	YELLOW
4" WHITE BIKE EDGE LINE	370	LINEAR FEET	WHITE

SHEET NOTES:

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- REMOVAL OF EXISTING NO PARKING AND BIKE LANE SIGNS (10 ON EXISTING POLE AND 4 ON EXISTING STREET LIGHT STANDARD) SHALL BE INCLUDED IN AND PAID FOR AS CLEARING AND GRUBBING.

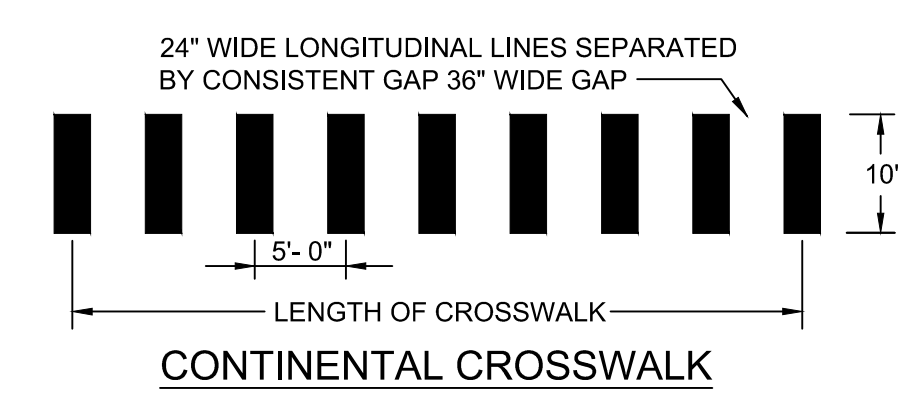
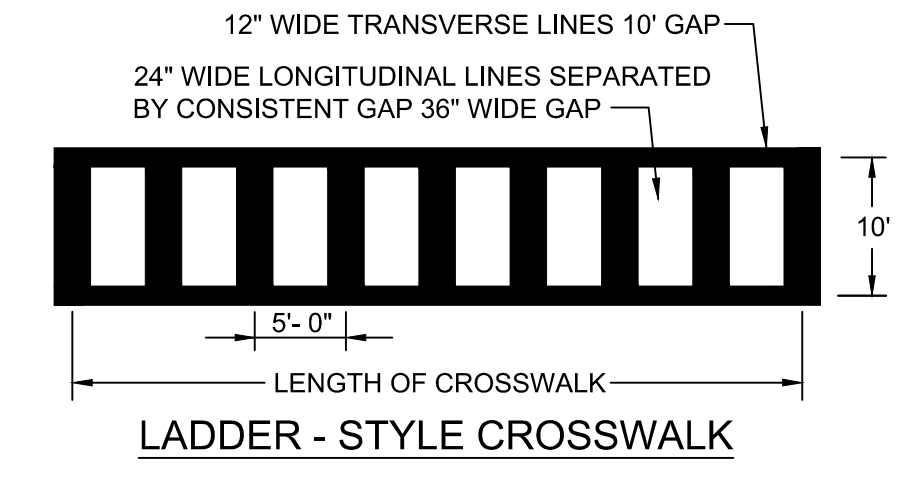
NUMBERED NOTES

- SAWCUT, REMOVE AND REPLACE HMA (MATCH EXISTING ROADWAY SECTION), MINIMUM OF 2'-0" FROM LIP OF GUTTER / CURB.
- INSTALL STEEL PLATE (72" X 6") TO COVER EXISTING GALLERY DRAIN INLET (SEE DETAIL 4 ON THIS SHEET).
- INSTALL DRAIN INLET FRAME AND GRATE IN GUTTER PAN - SADDLE CONNECTION (SEE DETAIL 1 ON SHEET 8).
- INSTALL NEW WHITE THERMOPLASTIC CROSSWALK, 10' ON CENTER (SEE DETAIL 3 ON THIS SHEET).
- INSTALL REMOVABLE BOLLARD (SEE DETAIL 6 ON THIS SHEET).
- FOR TREE WELL INSTALLATION (SEE DETAIL 2 ON SHEET 8).



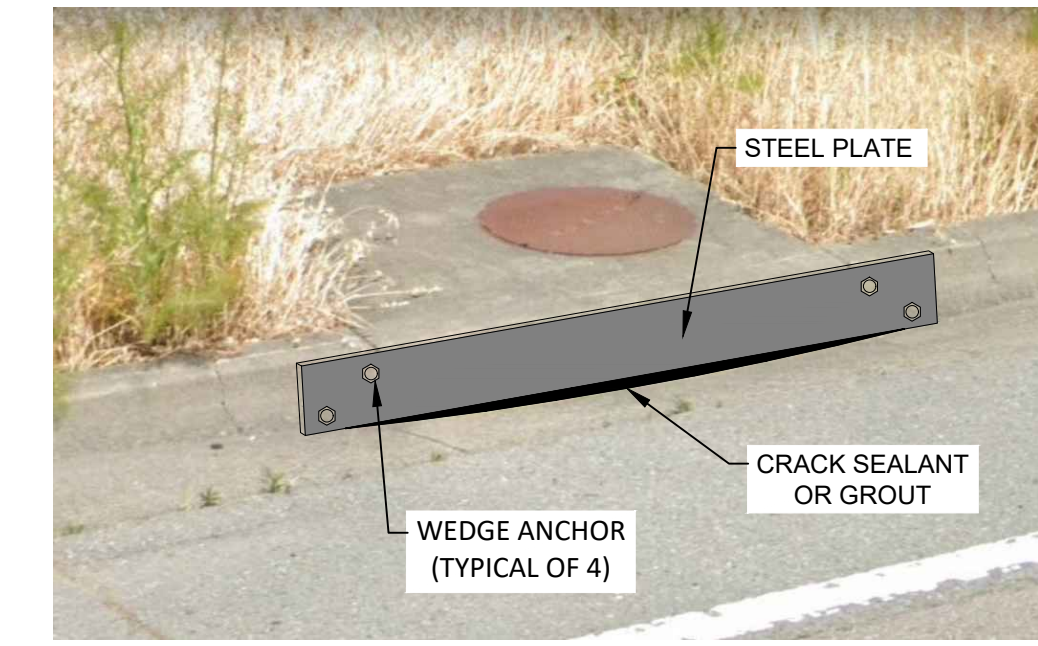
- NOTES:**
- FOR BASE / SLEEVE INSTALLATION IN EXISTING CONCRETE USE CORE DRILL (8" MINIMUM - 12" DEEP), SURFACE MOUNT BASE IS NOT ACCEPTABLE.
 - FOR BASE / POST CONNECTION IN EXISTING CONCRETE INSTALL BREAKAWAY POST COUPLER.
 - USE RIVETS FOR ALL CONNECTIONS / ATTACHMENTS.

**2 TRAFFIC SIGN
7 INSTALLATION** NTS



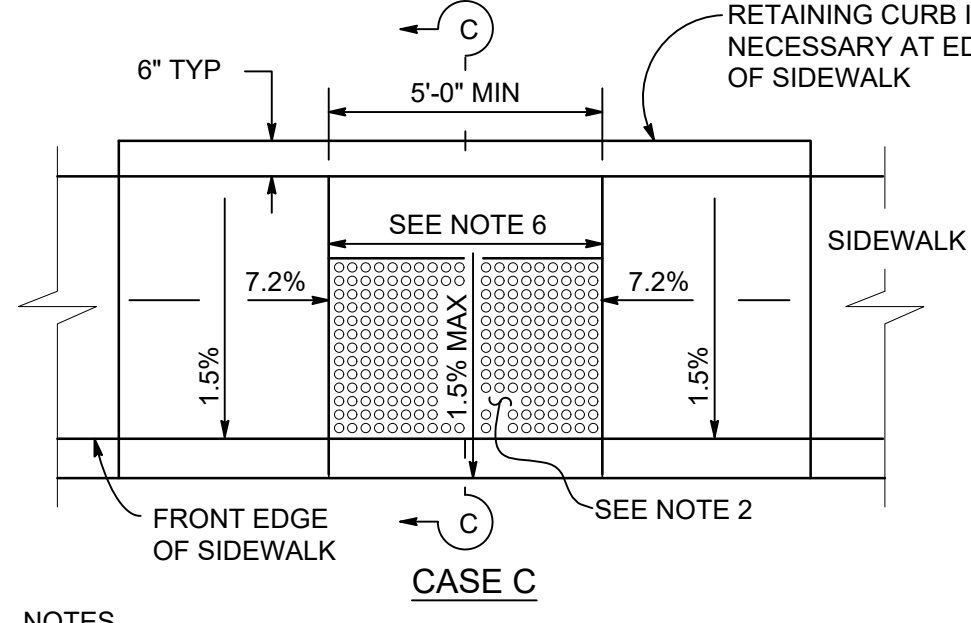
NOTE: CROSSWALK MARKINGS SHALL BE PARALLEL WITH LANE OF TRAVEL WHERE APPLICABLE.

**3 HIGH VISIBILITY
7 CROSSWALK** NTS



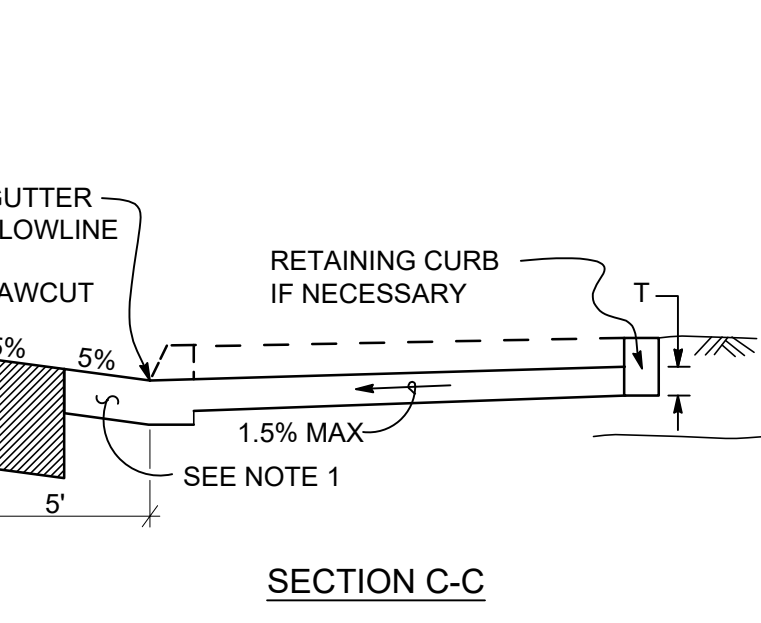
- NOTES:**
- THE STEEL PLATE (72" X 6") SHALL BE GAUGE No. 00 (5/16").
 - USE 3/8" X 3-3/4" WEDGE ANCHOR - ZINC PLATED. DRILL THE HOLE PER MANUFACTURER'S SPECIFICATIONS.
 - APPLY CRACK SEALANT OR GROUT TO PREVENT GRAVEL AND FINES FROM ENTERING THE EXISTING STORM DRAIN CURB INLET.

**4 INSTALL STEEL PLATE (72"x 6")
7 @ EXISTING DRAIN INLET** NTS



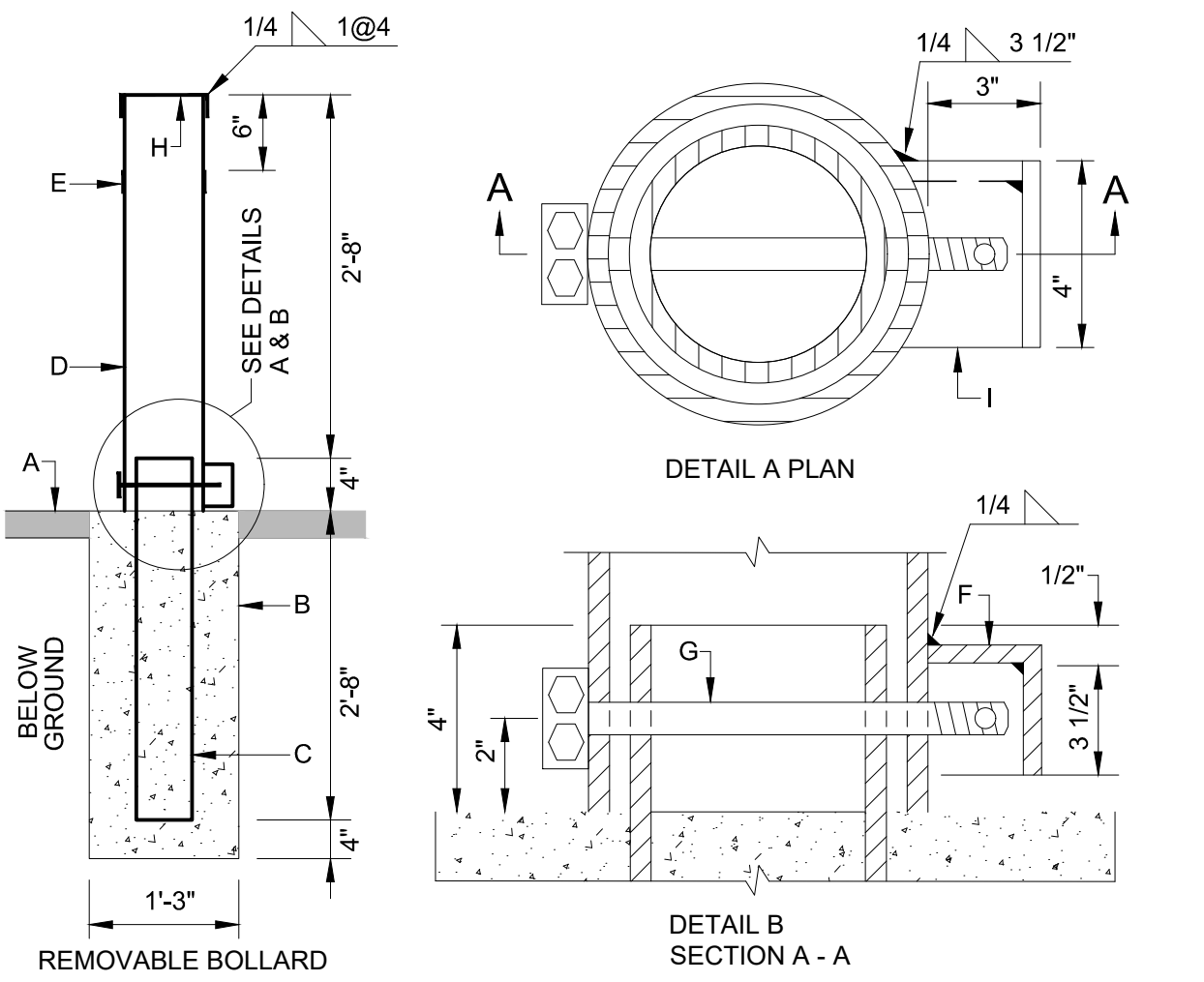
- NOTES:**
- MAXIMUM SLOPES OF ADJOINING GUTTERS - THE ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP AND CONTINUOUS PASSAGE TO THE CURB RAMP SHALL NOT EXCEED 5 PERCENT WITHIN 5'-0" OF THE TOP OR BOTTOM OF THE CURB RAMP.
 - CURB RAMP SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. DETECTABLE WARNING SURFACES SHALL CONFORM TO THE DETAILS ON THIS PLAN AND THE REQUIREMENTS IN THE SPECIAL PROVISIONS. THE EDGE OF THE DETECTABLE WARNING SURFACE NEAREST THE STREET SHALL BE BETWEEN 6" AND 8" FROM THE GUTTER FLOWLINE.
 - SIDEWALK AND RAMP THICKNESS, "T", SHALL BE 3 1/2" MINIMUM.
 - PAVING LIMITS FOR CURB RAMP SHALL INCLUDE ALL CONCRETE WORK UP TO GRADE BREAK AS SHOWN ON PLANS, UP TO AND INCLUDING RETAINING CURB, WHERE REQUIRED, AND UP TO AND INCLUDING GUTTER LIP. CONCRETE PLACED BEYOND THE GRADE BREAK TO CONFORM TO EXISTING SHALL BE MEASURED AND PAID FOR AS SIDEWALK OR CURB AND GUTTER AS APPROPRIATE.
 - TOLERANCE ON ALL RAMP SLOPES IS +/- 0.3%, WITH THE EXCEPTION THAT RAMP LENGTHS SHALL NOT BE GREATER THAN 10'. FOR RAMP LENGTHS OF 10' ONLY, THE MAXIMUM RAMP SLOPE MAY BE EXCEEDED. TOLERANCE DOES NOT APPLY TO DIMENSIONS AND GRADES/ SLOPES SHOWN AS "MAX.". THE MAX. SHALL NOT BE EXCEEDED.
 - INCREASE SLOPE TO MATCH RUNNING SLOPE OF GUTTER WHERE EXISTING SLOPE EXCEEDS 1.5%.

**5 TYPICAL CURB / ACCESS RAMP DETAILS
7 CASE "C"** NTS



- NOTES:**
- MAXIMUM SLOPES OF ADJOINING GUTTERS - THE ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP AND CONTINUOUS PASSAGE TO THE CURB RAMP SHALL NOT EXCEED 5 PERCENT WITHIN 5'-0" OF THE TOP OR BOTTOM OF THE CURB RAMP.
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 - INCREASE SLOPE TO MATCH RUNNING SLOPE OF GUTTER WHERE EXISTING SLOPE EXCEEDS 1.5%.

**5 TYPICAL CURB / ACCESS RAMP DETAILS
7 CASE "C"** NTS



- GENERAL NOTES:**
- WELDS ARE TO BE GROUND SMOOTH.
 - XPOSED STEEL AND SLEEVE TO BE TREATED WITH "NEMEC COATING" (CONTRACTOR TO FURNISH & INSTALL). COLOR TO BE BRIGHT YELLOW.
- CONSTRUCTION NOTES:**
- PAVEMENT OR FINISHED GRADE.
 - CONCRETE COLLAR W / SMOOTH OR BROOM FINISH WHERE PAVEMENT IS ADJACENT.
 - 5" NOMINAL DIA. SCHEDULE 40 GALVANIZED STEEL PIPE, 2'-0" TO BE FILLED W / CONCRETE TO LEVEL SHOWN.
 - 6" NOMINAL DIA. SCHEDULE 40 GALVANIZED STEEL PIPE, 3'-0" TREAT WITH NEMEC BRIGHT YELLOW COATING.
 - 6" RETROREFLECTIVE ENGINEER'S TAPE (3M HIGH DENSITY WHITE PRESSURE SENSITIVE TAPE - TYPICAL).
 - 1/4" THICK STEEL SAFETY GUARD BOX, OPEN ON ONE SIDE & BOTTOM, WELD ALL SEAMS.
 - 3/4" X 8" GALVANIZED HEX. BOLT W / A 3/8" DIA. HOLE FOR PADLOCK (PADLOCK FURNISHED BY CITY).
 - 1/4" X 6.5" DIA. GALVANIZED STEEL PLATE COVER, WELDED TO PIPE.
 - ALIGN WITH TRAFFIC FLOW IN MAP TO AVOID TRIPPING HAZARD WITH BOX.

**6 METAL BOLLARD
7 TYPICAL INSTALLATION** NTS

Number	Date	Description	By
1	04/26/2022	ISSUED FOR COUNCIL APPROVAL AND BID	PS

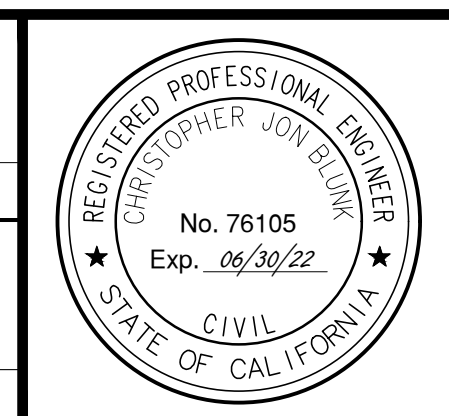
Revision	Block	By	Date
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2		P.S.	
3		C.J.B.	

**CITY OF NOVATO
PUBLIC WORKS**

ENGINEERING DIVISION

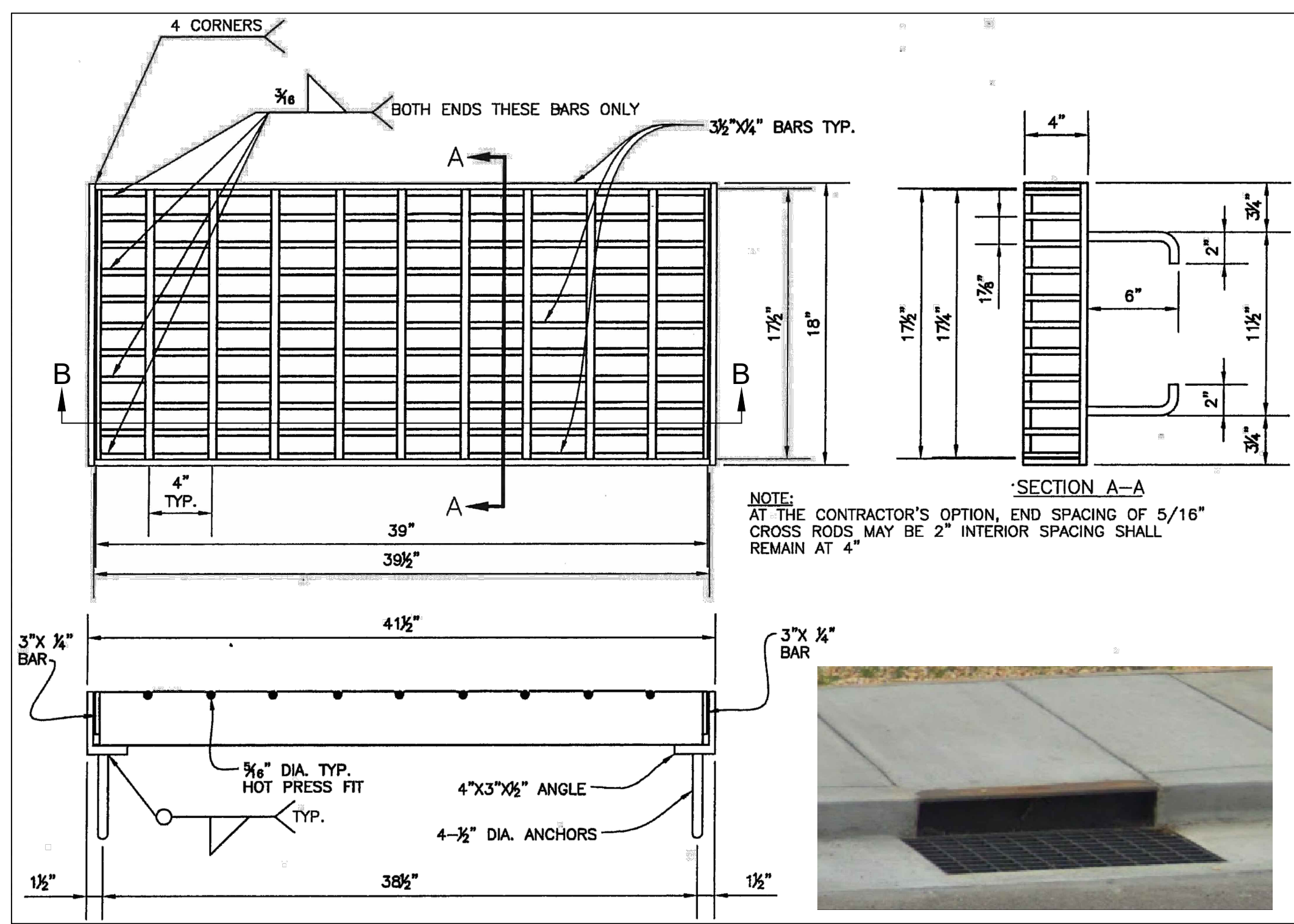
Submitted By: *Dee Shaly* 04/21/22
Project Engineer Date

Approved By: *[Signature]* 04/21/22
City Engineer Date

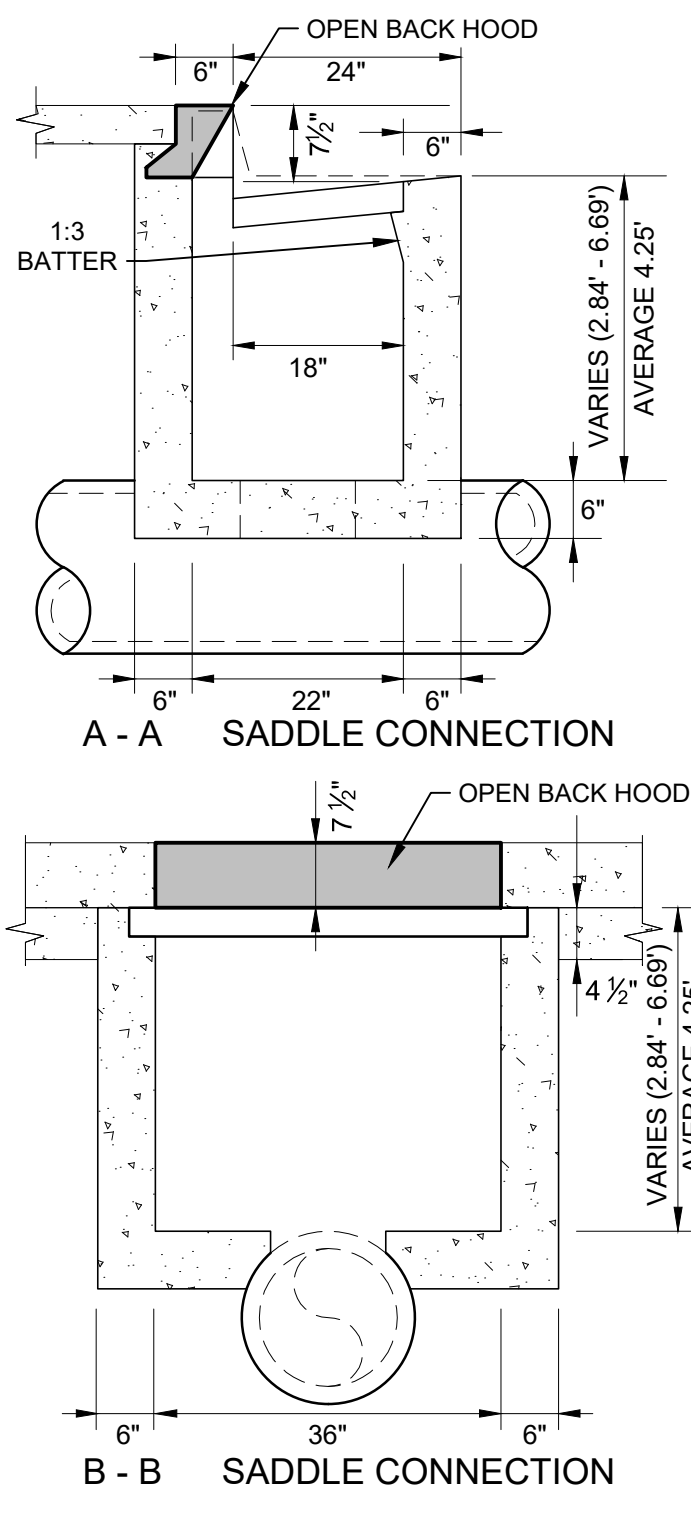


**ROWLAND BOULEVARD IMPROVEMENTS
FROM VINTAGE WAY (NORTH) TO VINTAGE WAY (S. TERMINUS)
CONSTRUCTION DRAWINGS / DETAILS**

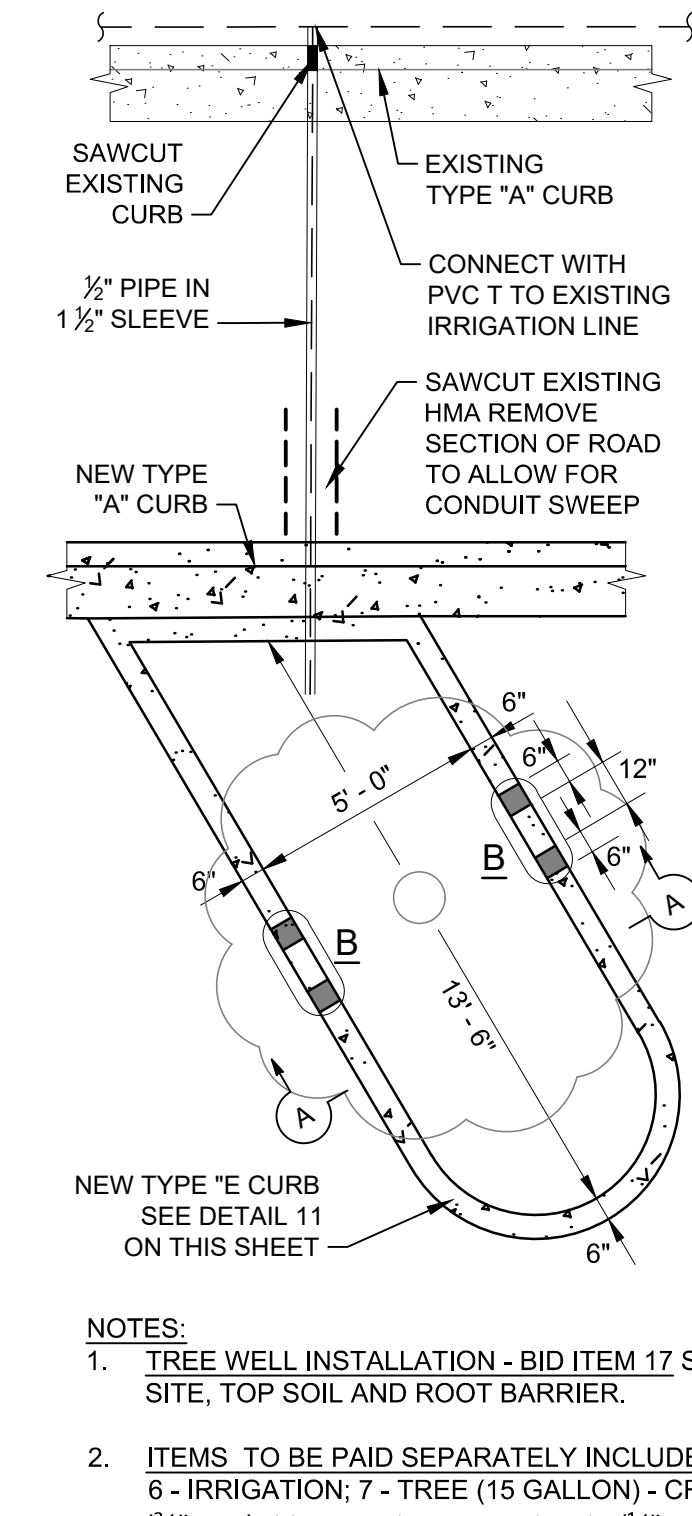
Date: April, 2022
Sheet: 7 of 9
Project No.: 21-005



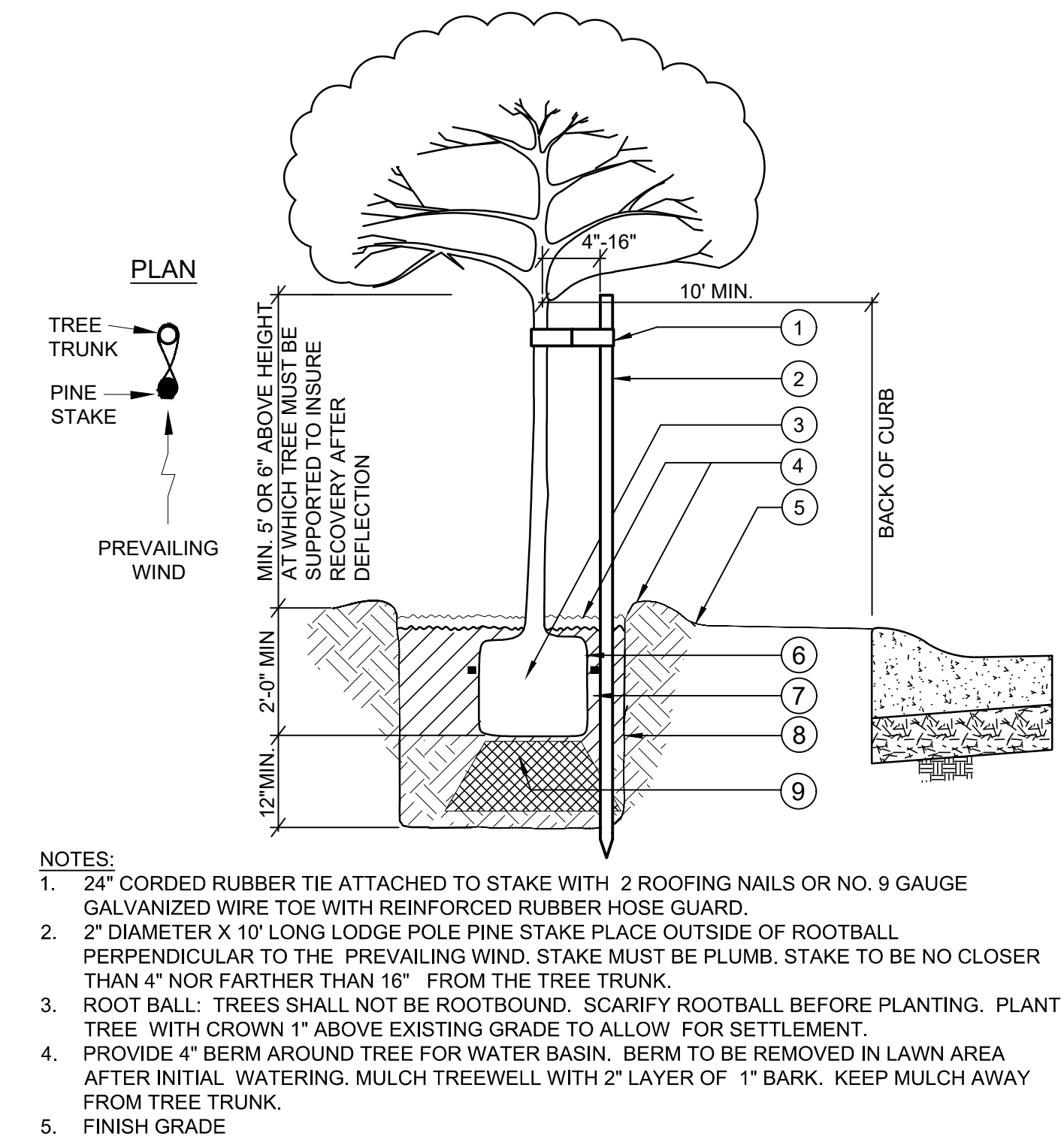
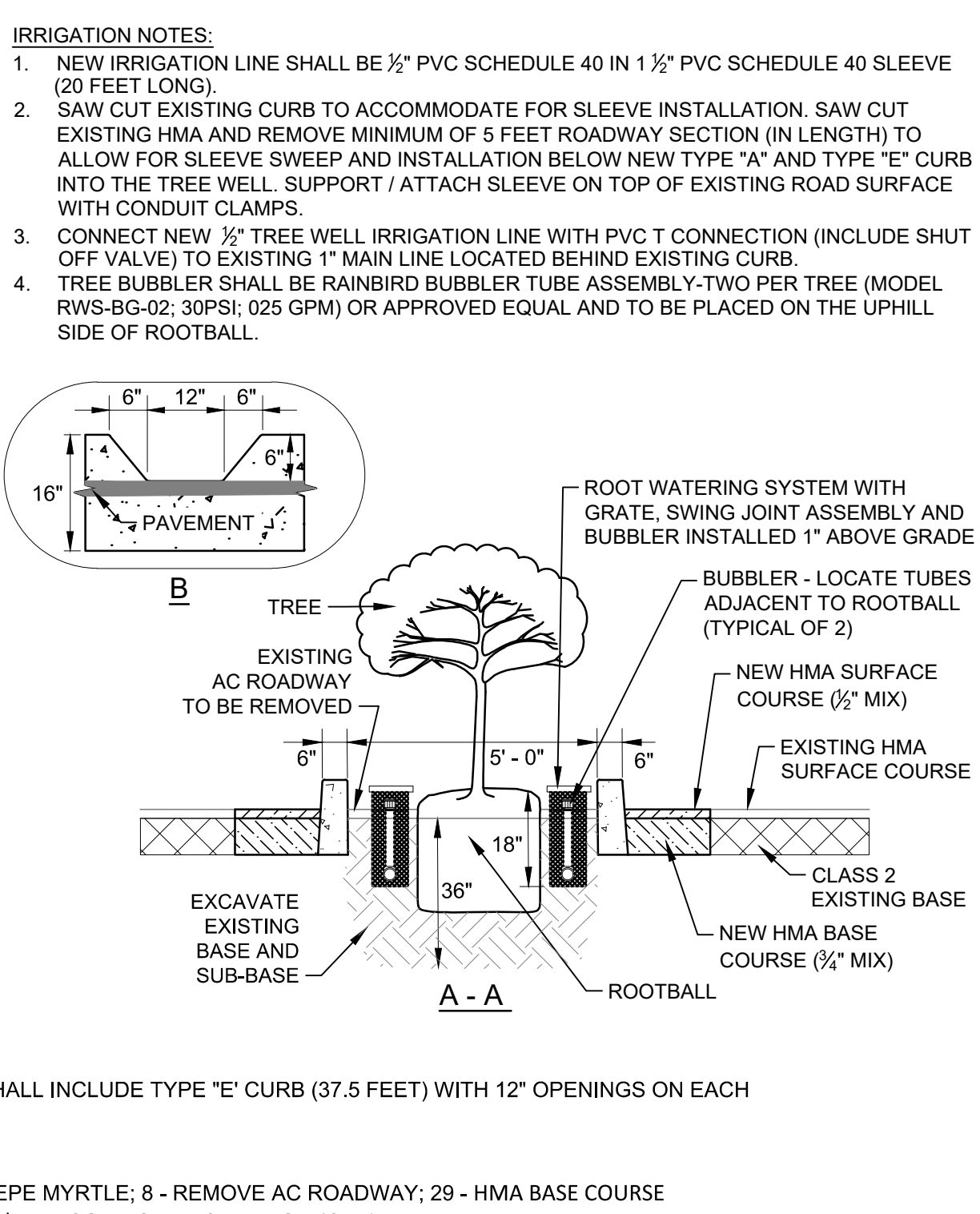
1 DROP INLET FRAME AND GRATE (IN GUTTER PAN INSTALLATION)
8 FOR DROP INLETS AT TYPE "A" CURB (INSTALLED EXAMPLE) NTS



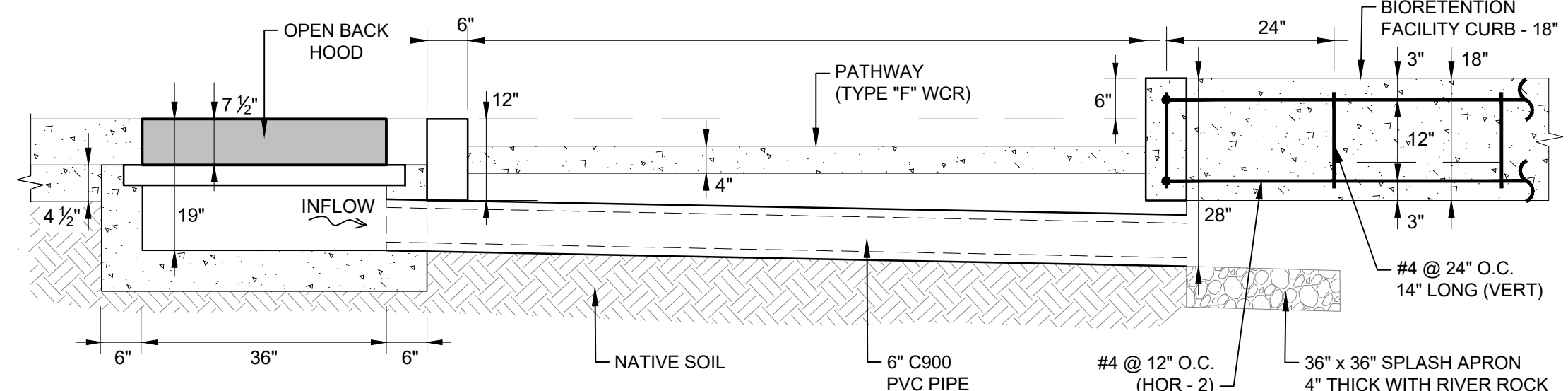
A - A SADDLE CONNECTION
B - B SADDLE CONNECTION



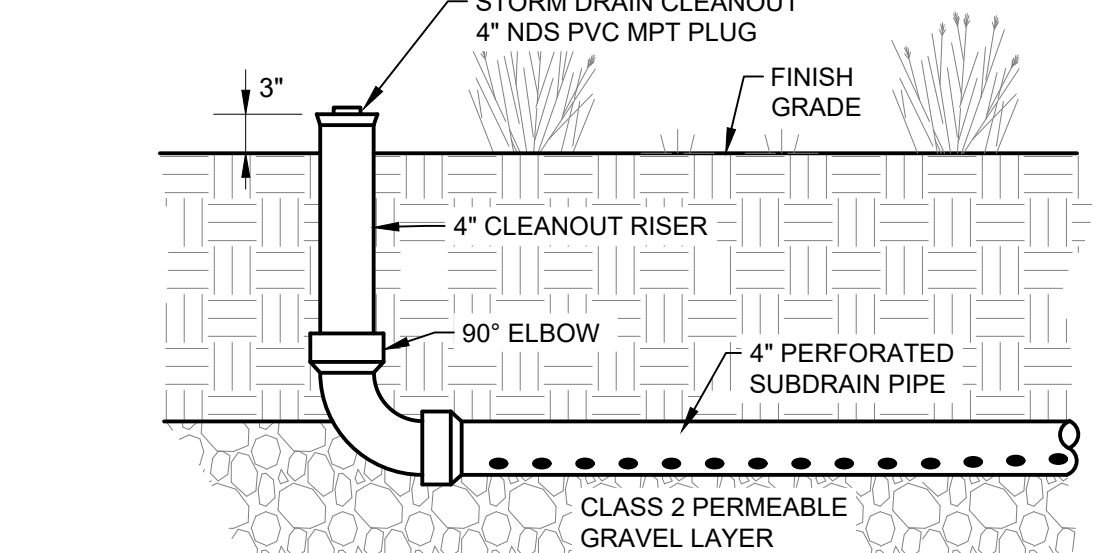
2 TREE WELL - TYPICAL PLAN / CROSS SECTION
8 IRRIGATION INSTALLATION / CONNECTION NTS



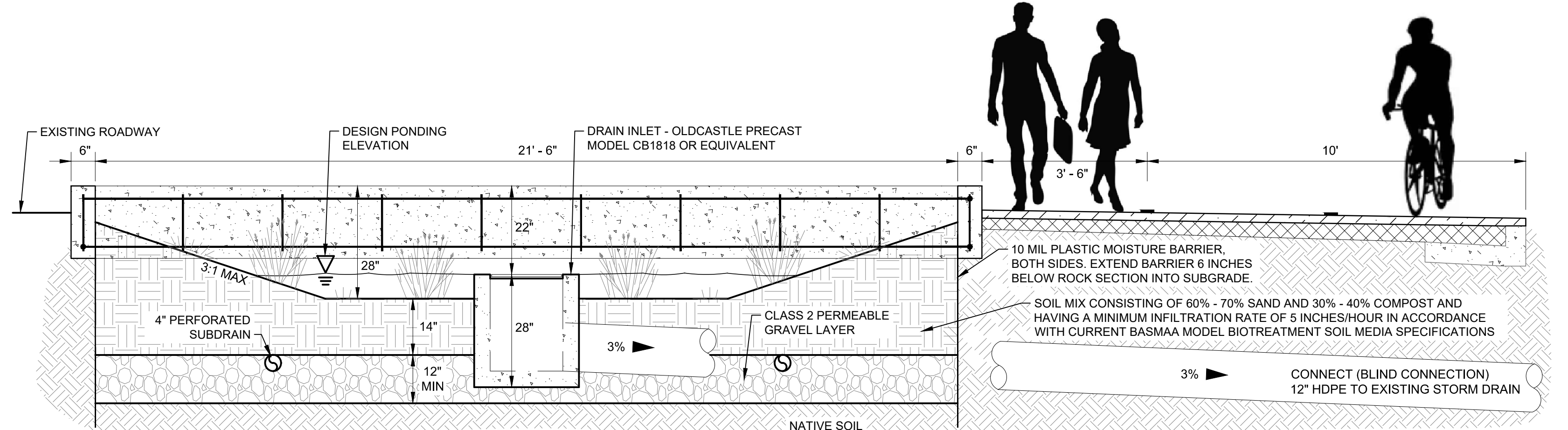
3 TREE PLANTING
8 TYPICAL NTS



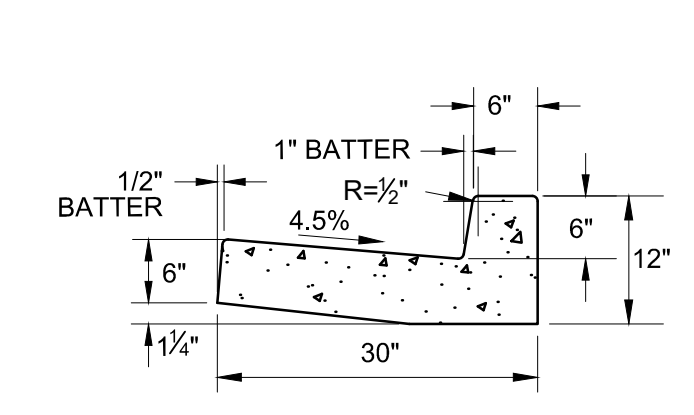
4 STORM DRAIN INLET CONNECTION TO
8 BIORETENTION FACILITY; SECTION B - B NTS



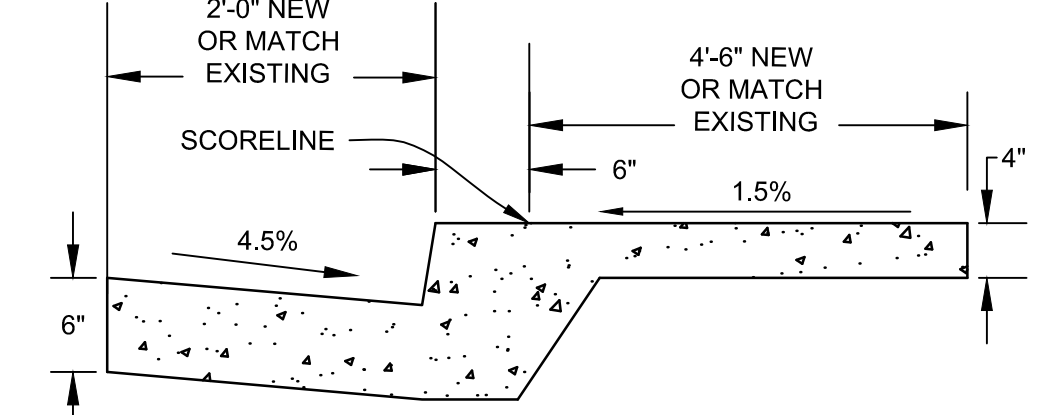
5 BIORETENTION FACILITY
8 SUBDRAIN WITH CLEANOUT NTS



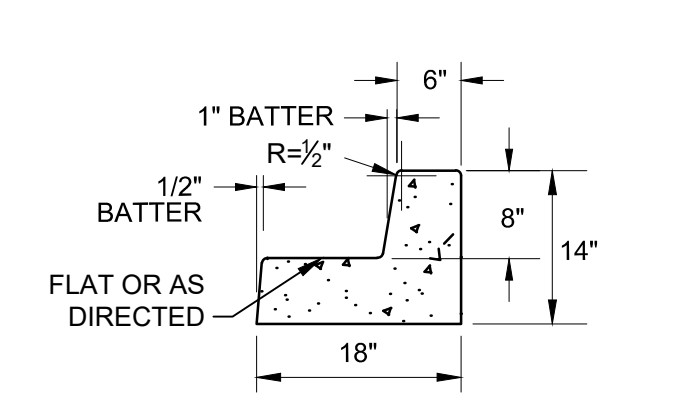
9 BIORETENTION FACILITY and MULTI USE PATH
8 SECTION C - C NTS



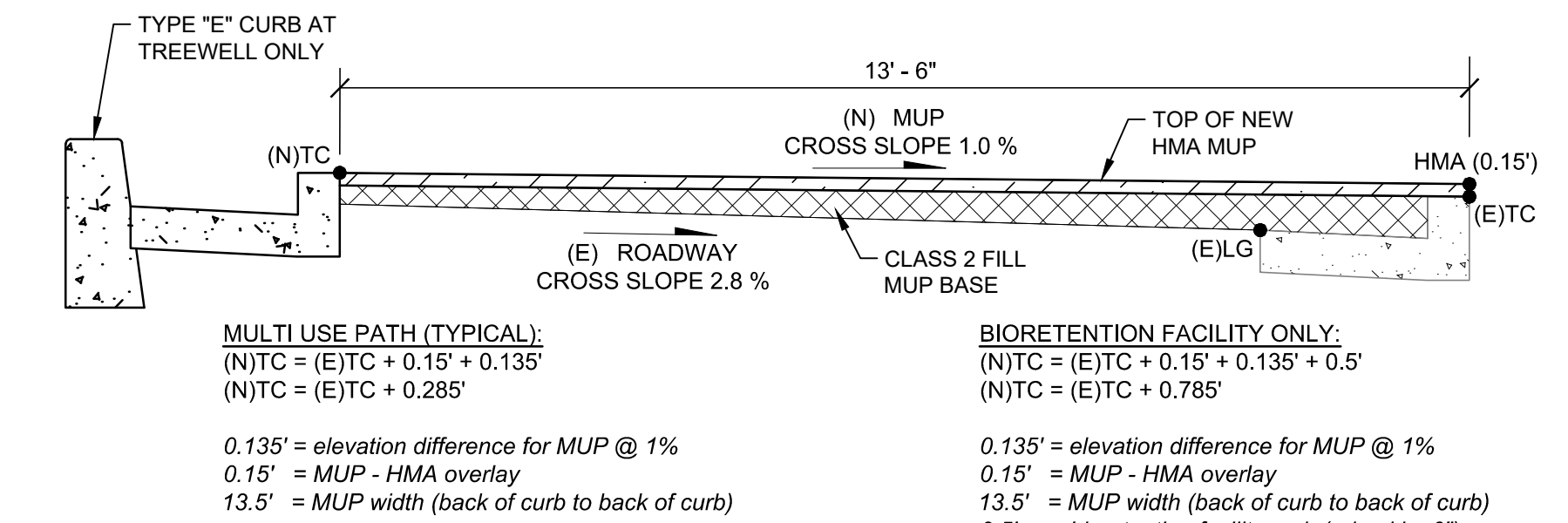
6 TYPE "A"
8 CURB NTS



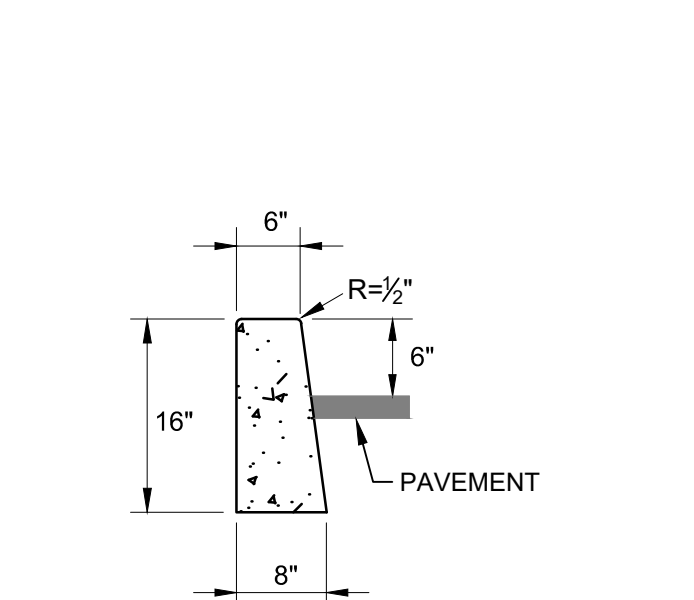
7 TYPE "A" CURB, GUTTER &
8 SIDEWALK MONOLITHIC NTS



8 TYPE "B"
8 CURB NTS



10 MULTI USE PATH (MUP)
8 TYPICAL CROSS SECTION NTS



11 TYPE "E"
8 CURB NTS

Number	Date	Description	By
8			
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REGISTERED PROFESSIONAL ENGINEER
 CHRISTOPHER JON BURTON
 No. 76105
 Exp. 06/30/22
 CIVIL
 STATE OF CALIFORNIA

ROWLAND BOULEVARD IMPROVEMENTS
FROM VINTAGE WAY (NORTH) TO VINTAGE WAY (S. TERMINUS)
DETAILS

Date
April, 2022
Sheet
8 of 9
Project No.
21-005



NOTES: $\frac{1}{9}$

BACKGROUND

THE OBJECTIVE OF THIS STAGE CONSTRUCTION PLAN IS TO MINIMIZE TRAFFIC FLOW DISRUPTIONS AROUND THE VINTAGE OAKS SHOPPING CENTER. PROVIDE ACCESS TO FACILITIES ADJACENT TO ROWLAND BOULEVARD DURING THE CONSTRUCTION PROCESS. BY BREAKING UP THE CONSTRUCTION INTO PHASES, WE CAN REDUCE THE IMPACTS THAT COULD OCCUR IF ACCESS WAS REDUCED THROUGHOUT THE ENTIRE PROJECT AREA.

CURRENT STATE

WITH LIMITED SPACE AVAILABLE FOR ADDITIONAL PARKING AROUND VINTAGE OAKS SHOPPING CENTER, STAFF LOOKED AT SEVERAL OPTIONS FOR AN EMPLOYEE PARKING. AFTER REVIEW, ROWLAND BOULEVARD PROVIDED THE BEST SOLUTION FOR ON-STREET PARKING BECAUSE THE ROADWAY IS CURRENTLY A 67-FOOT-WIDE 4-LANE ARTERIAL STREET AND IS UNDERUTILIZED.

PHASE 0

EXISTING CONDITIONS

$\frac{1}{9}$ CONSTRUCTION ZONE
 $\frac{9}{9}$ EXISTING CONDITIONS / PHASE 0 1"=200'



NOTES: $\frac{2}{9}$

PHASE 1:

RELOCATE / SHIFT TRAFFIC TO WEST SIDE (VINTAGE OAK SHOPPING MALL) OF ROWLAND BOULEVARD AND STRIPE WITH TEMPORARY YELLOW CENTER LANE CREATING 12 FEET LANES FOR TWO WAY TRAFFIC (ONE SOUTHBOUND AND ONE NORTHBOUND LANE). CONSTRUCTION SITE DELINEATORS COMPLIANT WITH CALTRANS STANDARD PLANS AND SPECIFICATIONS SHALL BE INSTALLED IN THE NEW / PROPOSED BACKOUT LANE (NORTHBOUND). THIS WILL BE NECESSARY TO MAINTAIN AN ACCEPTABLE LEVEL OF SERVICE THROUGHOUT CONSTRUCTION. NO DETOUR WILL BE NECESSARY DURING THIS FIRST PHASE.

PHASE 2:

CONSTRUCTION OF THE IMPROVEMENTS BETWEEN US 101 OVERPASS AND VINTAGE WAY NORTH SHALL BE NIGHT WORK, BETWEEN THE HOURS OF 10 PM AND 8 AM.
 ONE LANE OF TRAFFIC WITH TRAFFIC CONTROL SHALL BE MAINTAINED AT ALL TIMES. TRAFFIC CONTROLS FOR BUSINESSES AT THE VINTAGE OAK SHOPPING CENTER DURING CONSTRUCTION HOURS SHALL BE CONDUCTED PER MUTCD STANDARDS.

PHASE 3 / PHASE 1:

NEW STRIPING AT THE ROWLAND BOULEVARD HIGHWAY 101 OVERPASS REQUIRES A SEPARATE ENCROACHMENT PERMIT (REFERRED TO AS A DOUBLE PERMIT). THE APPLICATION FOR A DOUBLE PERMIT MUST INCLUDE SIX COPIES OF THE TRAFFIC CONTROL PLAN, STAMPED AND SIGNED BY A CALIFORNIA LICENSED PROFESSIONAL ENGINEER (THE DOUBLE PERMIT APPLICATION SHOULD START CONCURRENTLY WITH PHASE 1 CONSTRUCTION WORK).

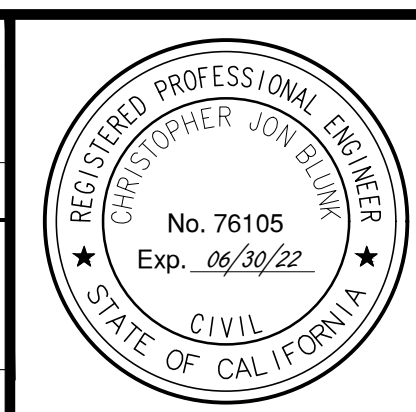
$\frac{2}{9}$ STAGE CONSTRUCTION PLAN
 $\frac{9}{9}$ PHASE 1; PHASE 2 and PHASE 3 1"=200'

8			
7			
6			
5			
4			
3			
2			
1	04/26/2022	ISSUED FOR COUNCIL APPROVAL AND BID	PS
Number	Date	Description	By

Drawn By:	P.S.
Designed By:	P.S.
Checked By:	C.J.B.
Scale:	1"=200'

CITY OF NOVATO
PUBLIC WORKS
 ENGINEERING DIVISION

Submitted By:	<i>Dee Shaly</i>	04/21/22
Project Engineer		Date
Approved By:	<i>[Signature]</i>	04/21/22
City Engineer		Date



ROWLAND BOULEVARD IMPROVEMENTS
STAGE CONSTRUCTION PLAN

Date	April, 2022
Sheet	9 of 9
Project No.	21-005