

2019 Annual Pavement Rehabilitation Project

CIP PROJECT No. 19-001; STPL - 5361(030)

Novato Marin County California

GENERAL NOTES

1. THE CONTRACTOR SHALL INSPECT THE PROJECT SITE PRIOR TO SUBMITTING A BID IN ORDER TO OBSERVE AND DETERMINE THE EXISTING JOBSITE CONDITIONS.
2. THE CONTRACTOR SHALL HOLD HARMLESS THE CITY, HIS AUTHORIZED REPRESENTATIVES FROM ALL LIABILITIES AND DAMAGES RESULTING FROM HIS CONSTRUCTION ACTIVITIES.
3. 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.
4. 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.
5. 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.
6. 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. CONTRACTOR IS FULLY RESPONSIBLE FOR ANY POTHOLING REQUIREMENTS. POTHOLING SHALL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF WORK FOR WHICH POTHOLING IS PERFORMED.
7. 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. THE CONTRACTOR SHALL SUBMIT AND RECEIVE CITY APPROVAL FOR A TRAFFIC CONTROL PLAN (TCP) PRIOR TO PERFORMING ANY WORK. THE TCP IS REQUIRED FOR THE CALTRANS DUPLICATE ENCROACHMENT PERMIT.
8. ONE LANE IN EACH DIRECTION MAY BE CLOSED WITHIN STATE RIGHT-OF-WAY (ROW) WHILE WORK IS ACTIVELY IN PROGRESS AND BETWEEN 9:00 AM AND 3:00 PM, MONDAY THROUGH FRIDAY, EXCEPT HOLIDAYS, OR AS OTHERWISE APPROVED BY THE CALTRANS DISTRICT TRAFFIC MANAGER. PROVIDE ACCESS TO AND FROM RAMPS AT ALL TIMES. ONE LANE ON RAMP MAY BE CLOSED WITH DETOUR PROVIDED IF NEEDED FOR WORK BETWEEN 9:00 AM AND 3:00 PM, MONDAY THROUGH FRIDAY, EXCEPT HOLIDAYS, OR AS OTHERWISE APPROVED BY THE CALTRANS DISTRICT TRAFFIC MANAGER.
9. 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.
10. THE CONTRACTOR SHALL CONTACT THE NORTH MARIN WATER DISTRICT AND MARIN MUNICIPAL WATER DISTRICT 48 HOURS PRIOR TO GRINDING, PAVING AND GRADING. WHERE APPLICABLE, SEE CONTRACT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
11. CURB RAMPS ARE SHOWN SCHEMATICALLY ONLY ON PLANS. SEE DETAILS PROVIDED OR STANDARD DETAILS FOR ADDITIONAL INFORMATION.
12. THE CONTRACTOR SHALL PRUNE SHRUBS AS NECESSARY TO ACCOMMODATE PROPOSED IMPROVEMENTS. NOT A PAY ITEM.
13. ALL STRIPING AND PAVEMENT MARKINGS IN THIS CONTRACT SHALL BE THERMOPLASTIC. CONTRACTOR SHALL BE RESPONSIBLE FOR MONUMENTATION OF ALL EXISTING STRIPING/MARKING FOR REPLACEMENT PURPOSES. 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. NO THERMOPLASTIC CAN BE PLACED WITHIN 5 DAYS OF PAVING.
14. ALL DETAILS, REFERENCES, LEGENDS AND ABBREVIATIONS ARE ACCORDING TO "STANDARD PLANS" AND "STANDARD SPECIFICATIONS" ISSUED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION.
15. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.

CONSTRUCTION NOTES

1. CONCRETE TO BE CLASS 'A' (6 SACK MIX).
2. NO CONCRETE SHALL BE PLACED PRIOR TO FORM INSPECTION AND STEEL APPROVAL BY THE CITY ENGINEER.
3. ALL CONCRETE SHALL BE BROOM FINISHED.
4. ALL CONCRETE CROSS SLOPES SHALL BE 1.5% UNLESS OTHERWISE NOTED.
5. ALL ASPHALT CONFORM LINES SHALL BE SAWCUT.
6. SIDEWALK, CURB AND GUTTER SHALL BE IN ACCORDANCE WITH CONSTRUCTION STANDARDS FOR ALL CITIES AND COUNTY OF MARIN, ADOPTED JULY, 2018. DRAWING No. 105 AND SHALL COMPLY WITH THE CITY OF NOVATO DESIGN AND CONSTRUCTION STANDARDS (INTERIM), AS OUTLINED IN MEMORANDUM ISSUED SEPTEMBER 9, 2014 (UCS MODIFICATION - NOVATO PARAGRAPH No. 2).
7. 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.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO RE-ESTABLISH AND MAINTAIN TEMPORARY REFLECTIVE MARKERS FOR ALL TRAFFIC STRIPING REMOVED OR DEGRADED BY THE PROJECT AT THE END OF EACH WORKING DAY AND AS NEEDED BETWEEN WORKING DAYS.



ABBREVIATIONS

AC	ASPHALT CONCRETE
AB	AGGREGATE BASE
BLVD	BOULEVARD
BM	BLUE MARKER
CG	CURB & GUTTER
CL	CLASS
CLR	CLEAR
CO	CLEANOUT
CONC	CONCRETE
DI	DRAINAGE INLET
DOP	DIG-OUT & PATCH
DWA	DRIVEWAY APPROACH
DWY	DRIVEWAY
DR	DRIVE
(E)	EXISTING
EG	EXISTING GROUND
EP	EDGE OF PAVEMENT
FG	FINISHED GRADE
FH	FIRE HYDRANT
GB	GRADE BREAK
HMA	HOT MIX ASPHALT
(L)	LEFT
LF	LINEAR FEET
LIP	LIP OF GUTTER
MH	MANHOLE
MON	SURVEY MONUMENT
(N)	NEW/PROPOSED
NTS	NOT TO SCALE
PCC	PORTLAND CEMENT CONCRETE
PVMT	PAVEMENT
(R)	RIGHT
ROW	RIGHT OF WAY
RR	REMOVE & REPLACE
S	SLOPE
SD	STORM DRAIN
SF	SQUARE FEET
SS	SANITARY SEWER
STD	STANDARD
SW	SIDEWALK
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
W/	WITH
WCW	WHITE CROSSWALK
WM	WATER METER
WV	WATER VALVE
WSL	WHITE SINGLE LINE
YCW	YELLOW CROSSWALK

SYMBOLS

PROPOSED	
	HMA GRIND AND OVERLAY 0.15'
	HMA GRIND AND OVERLAY 0.25'
	APPROXIMATE AREA OF DIG-OUT & PATCH
	MULTI-USE PATH
	REMOVE CONCRETE/ASPHALT AND INSTALL CURB RAMP
	REMOVE AND REPLACE CONCRETE SIDEWALK
	REMOVE AND REPLACE CONCRETE CURB AND GUTTER
	GREEN BIKE LANE
	IRRIGATION SLEEVE & VALVE BOX
	PAVEMENT MARKINGS, PER STD PLANS A24A-A24E
	NEW TRAFFIC SIGN

EXISTING


	EXISTING SANITARY SEWER MANHOLE
	EXISTING STORM DRAIN MANHOLE
	EXISTING STORM DRAIN INLET
	EXISTING SURVEY MONUMENT
	EXISTING WATER VALVE
	EXISTING MARIN WATER MANHOLE
	EXISTING FIRE HYDRANT
	EXISTING GAS VALVE/CP TEST
	EXISTING TELECOMMUNICATION MANHOLE
	DETECTOR HANDHOLE EXISTING / NEW
	EXISTING CURB RAMP
	EXISTING TRAFFIC SIGN
	EXISTING STORM DRAIN INLET
	DETAIL NUMBER
	SHEET ON WHICH DETAIL IS SHOWN

SHEET INDEX

1. TITLE SHEET
2. CONSTRUCTION PLAN - NOVATO BLVD FROM SAN MARIN DR TO CITY LIMITS
3. CONSTRUCTION PLAN - REDWOOD BLVD FROM RUSH CREEK PL TO WOOD HOLLOW DR
4. CONSTRUCTION PLAN - WILSON AVENUE FROM CENTER RD TO CITY LIMITS
5. PAVEMENT DELINEATION - NOVATO BLVD FROM SAN MARIN DR TO CITY LIMITS
6. PAVEMENT DELINEATION - REDWOOD BLVD FROM RUSH CREEK PL TO WOOD HOLLOW DR
7. PAVEMENT DELINEATION - WILSON AVENUE FROM CENTER RD TO CITY LIMITS
8. DETAILS

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1	2/10/2020	RFA - CON SUBMITTAL TO CALTRANS	G.W.
Number	Date	Description	By

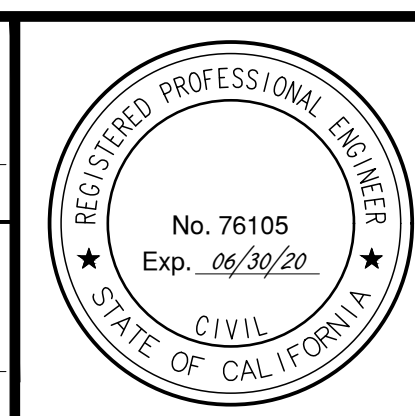
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CITY OF NOVATO
PUBLIC WORKS

ENGINEERING DIVISION

Submitted By:	
Project Engineer	Date
Approved By:	
City Engineer	Date

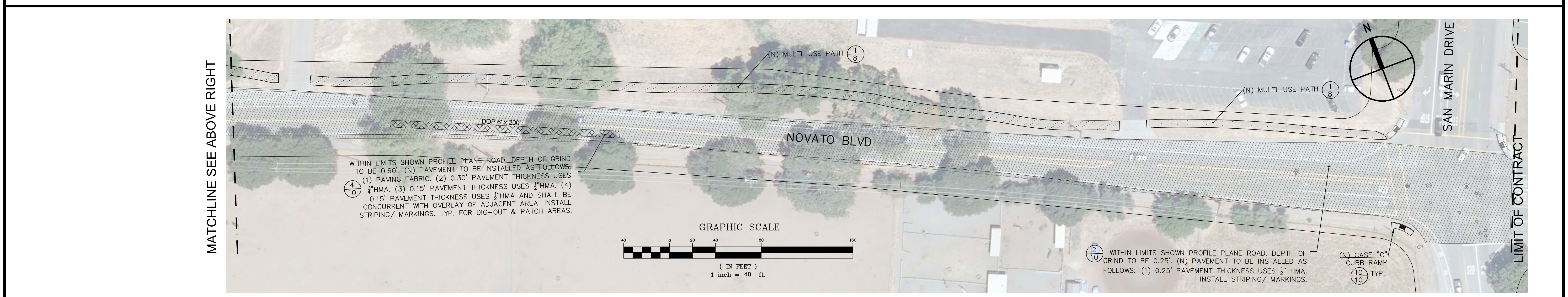
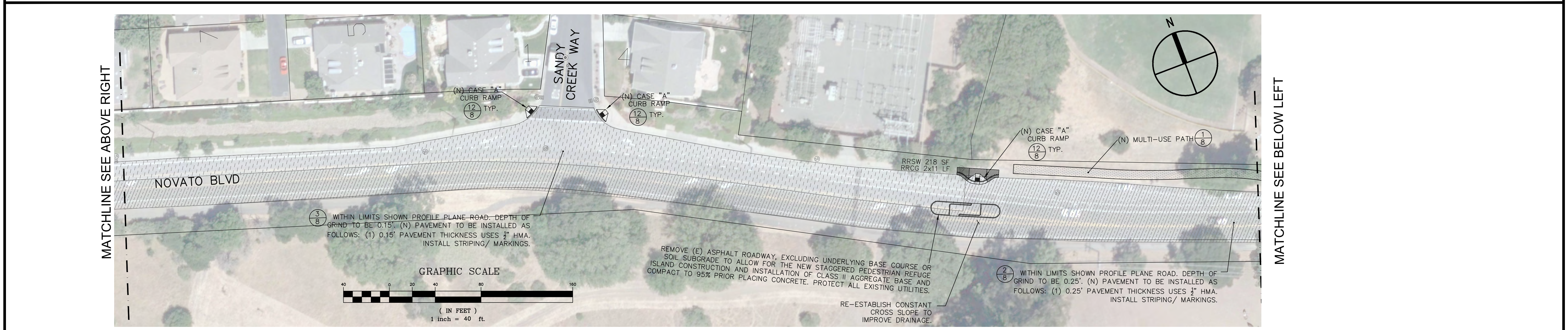
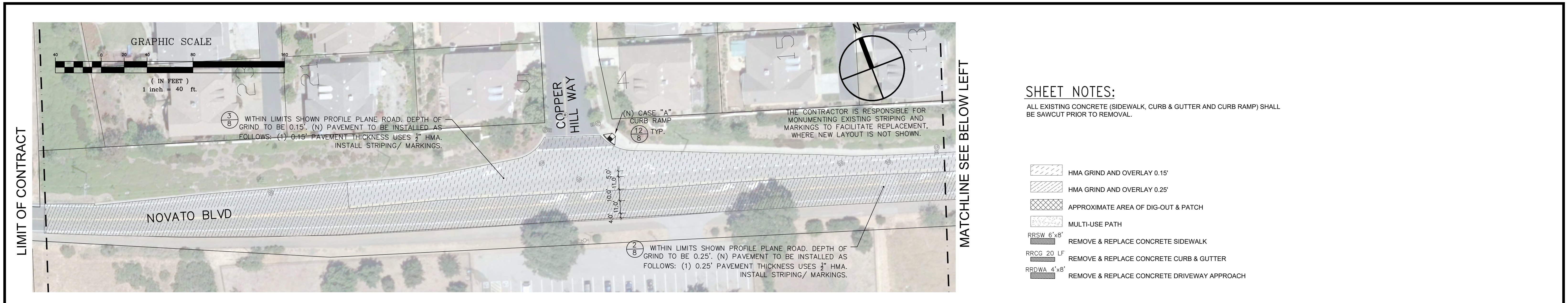


2019 Annual Pavement Rehabilitation Project

TITLE SHEET

Date	April, 2020
Sheet	1 of 8
Project No.	19-001

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Number	Date	Description	By

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Designed By:	G.W.
Checked By:	C.B.
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CITY OF NOVATO PUBLIC WORKS

ENGINEERING DIVISION

Submitted By:	
Project Engineer	Date
Approved By:	
City Engineer	Date

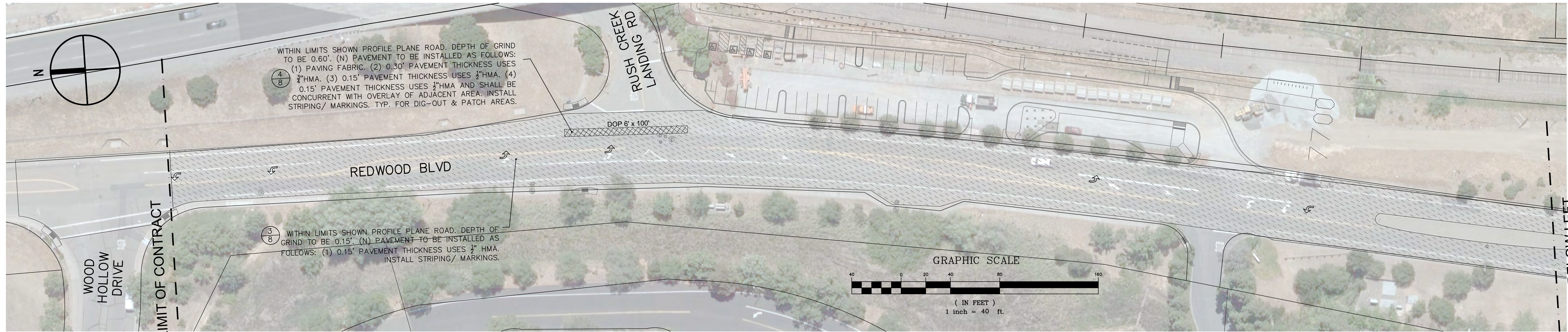


2019 Annual Pavement Rehabilitation Project

NOVATO BLVD FROM SAN MARIN DR TO CITY LIMITS

CONSTRUCTION PLAN

Date	April, 2020
Sheet	2 of 8
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MATCHLINE SEE BELOW LEFT

SHEET NOTES:

ALL EXISTING CONCRETE (SIDEWALK, CURB & GUTTER AND CURB RAMP) SHALL BE SAWCUT PRIOR TO REMOVAL.

- HMA GRIND AND OVERLAY 0.15'
- HMA GRIND AND OVERLAY 0.25'
- APPROXIMATE AREA OF DIG-OUT & PATCH
- MULTI-USE PATH
- RRSW 6'x8' REMOVE & REPLACE CONCRETE SIDEWALK
- RRCG 20 LF REMOVE & REPLACE CONCRETE CURB & GUTTER
- RRDWA 4'x8' REMOVE & REPLACE CONCRETE DRIVEWAY APPROACH



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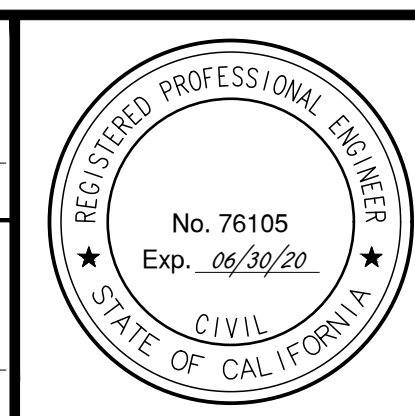
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Designed By:	G.W.
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PUBLIC WORKS
ENGINEERING DIVISION

Submitted By:	
Project Engineer	Date
Approved By:	
City Engineer	Date



2019 Annual Pavement Rehabilitation Project
REDWOOD BLVD FROM RUSH CREEK PL TO WOOD HOLLOW DR
CONSTRUCTION PLAN

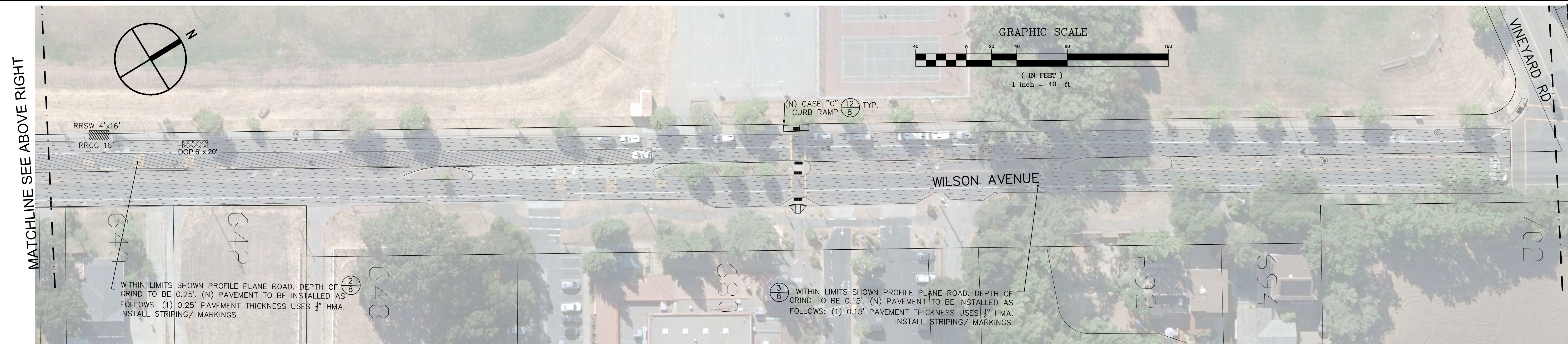
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Project No.	19-001

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SHEET NOTES:
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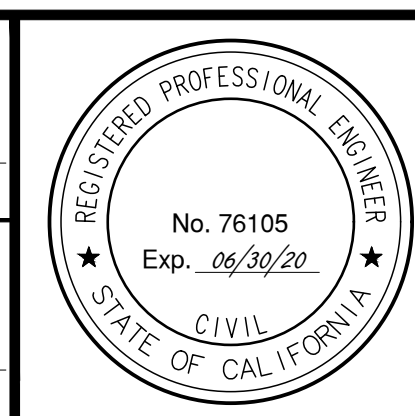


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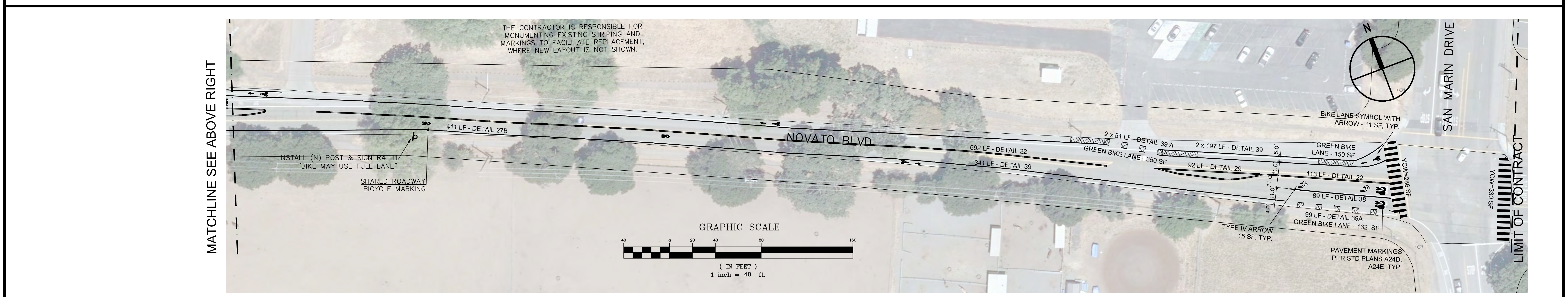
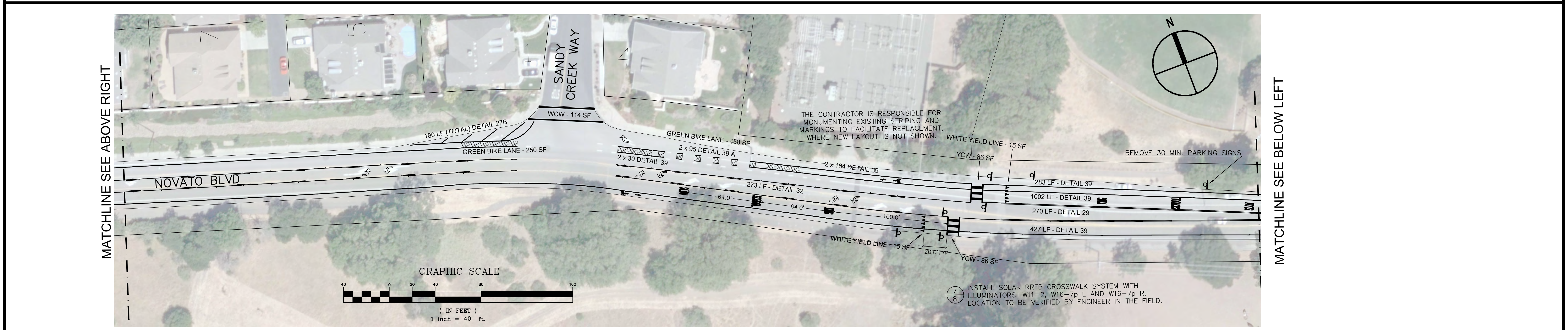
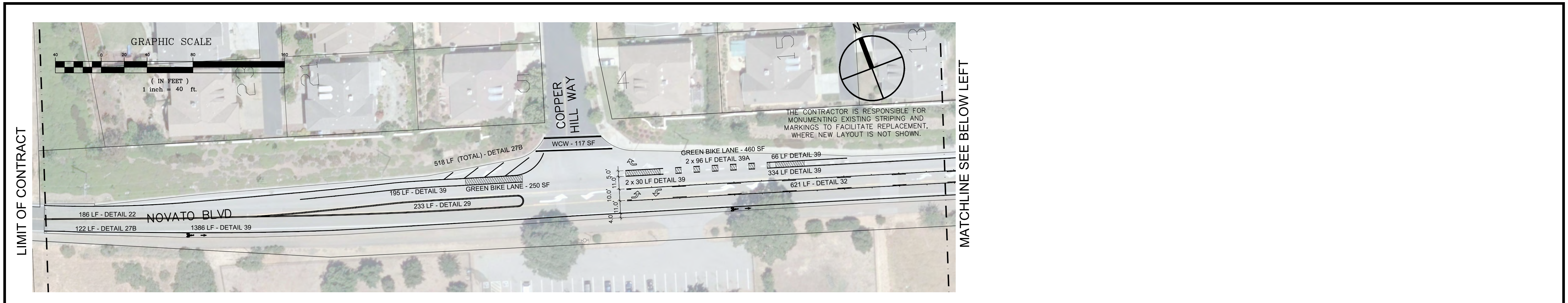
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ENGINEERING DIVISION

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Project Engineer _____ Date _____
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City Engineer _____ Date _____



2019 Annual Pavement Rehabilitation Project
WILSON AVENUE FROM CENTER RD TO CITY LIMITS
CONSTRUCTION PLAN

Date	April, 2020
Sheet	4 of 8
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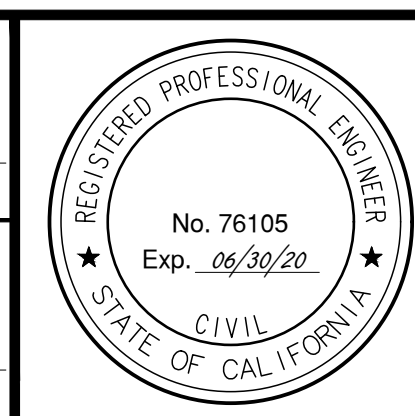


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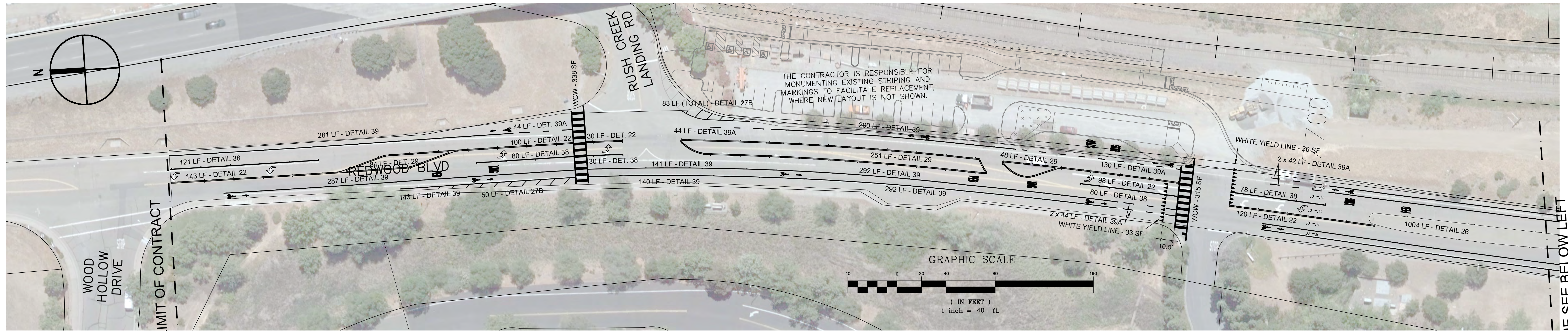
CITY OF NOVATO
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ENGINEERING DIVISION

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Project Engineer	Date
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City Engineer	Date

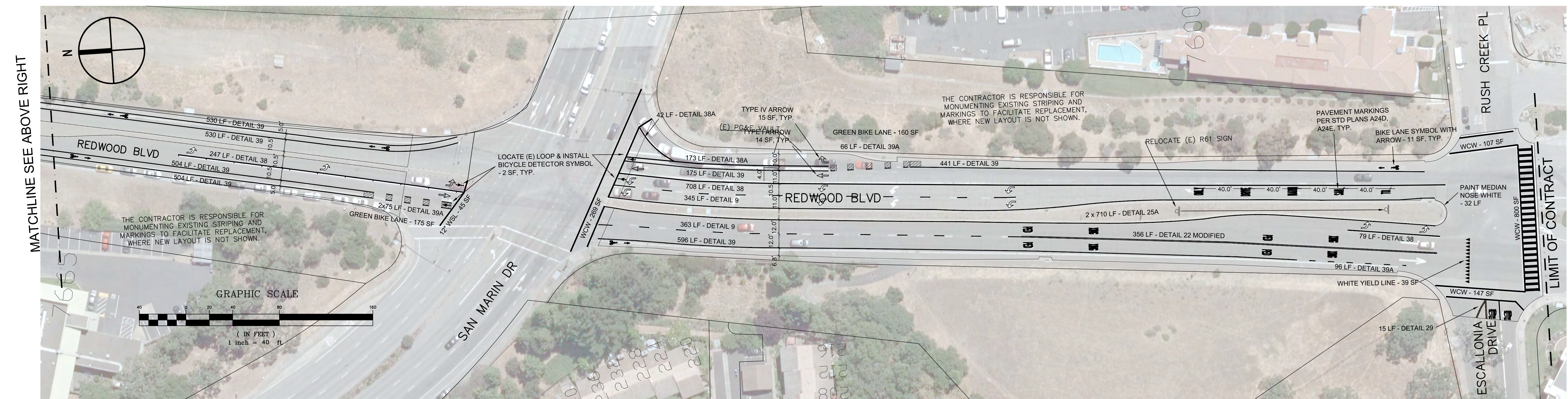


2019 Annual Pavement Rehabilitation Project
NOVATO BLVD FROM SAN MARIN DR TO CITY LIMITS
PAVEMENT DELINEATION

Date	April, 2020
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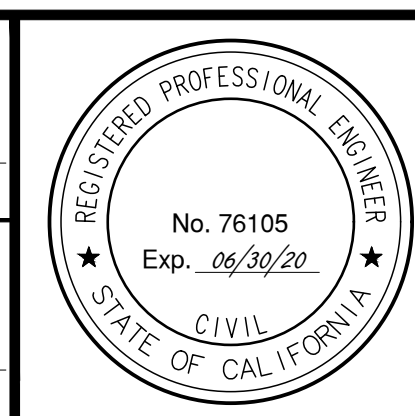
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PUBLIC WORKS
 ENGINEERING DIVISION

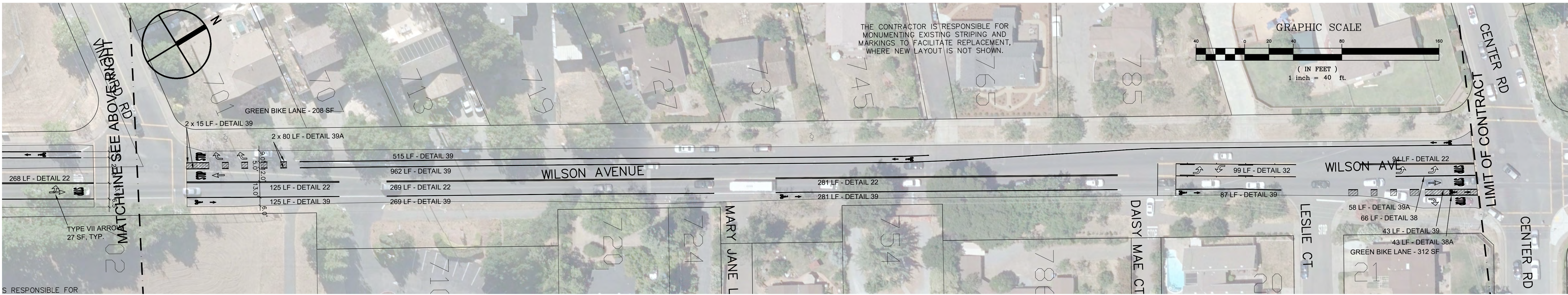
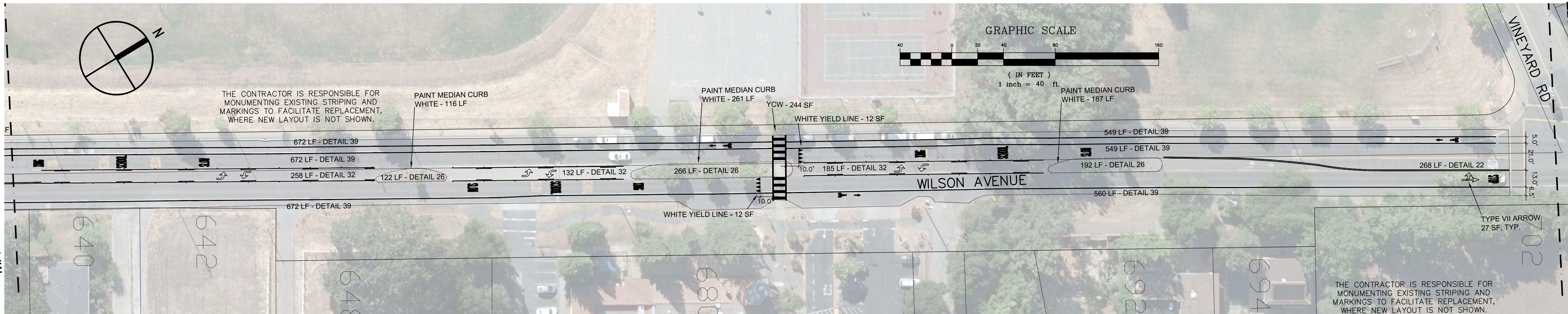
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Project Engineer:	Date
Approved By:	
City Engineer:	Date



2019 Annual Pavement Rehabilitation Project
REDWOOD BLVD FROM RUSH CREEK PL TO WOOD HOLLOW DR
PAVEMENT DELINEATION

Date	April, 2020
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CITY OF NOVATO
PUBLIC WORKS
ENGINEERING DIVISION

Submitted By: _____

Project Engineer _____ Date _____

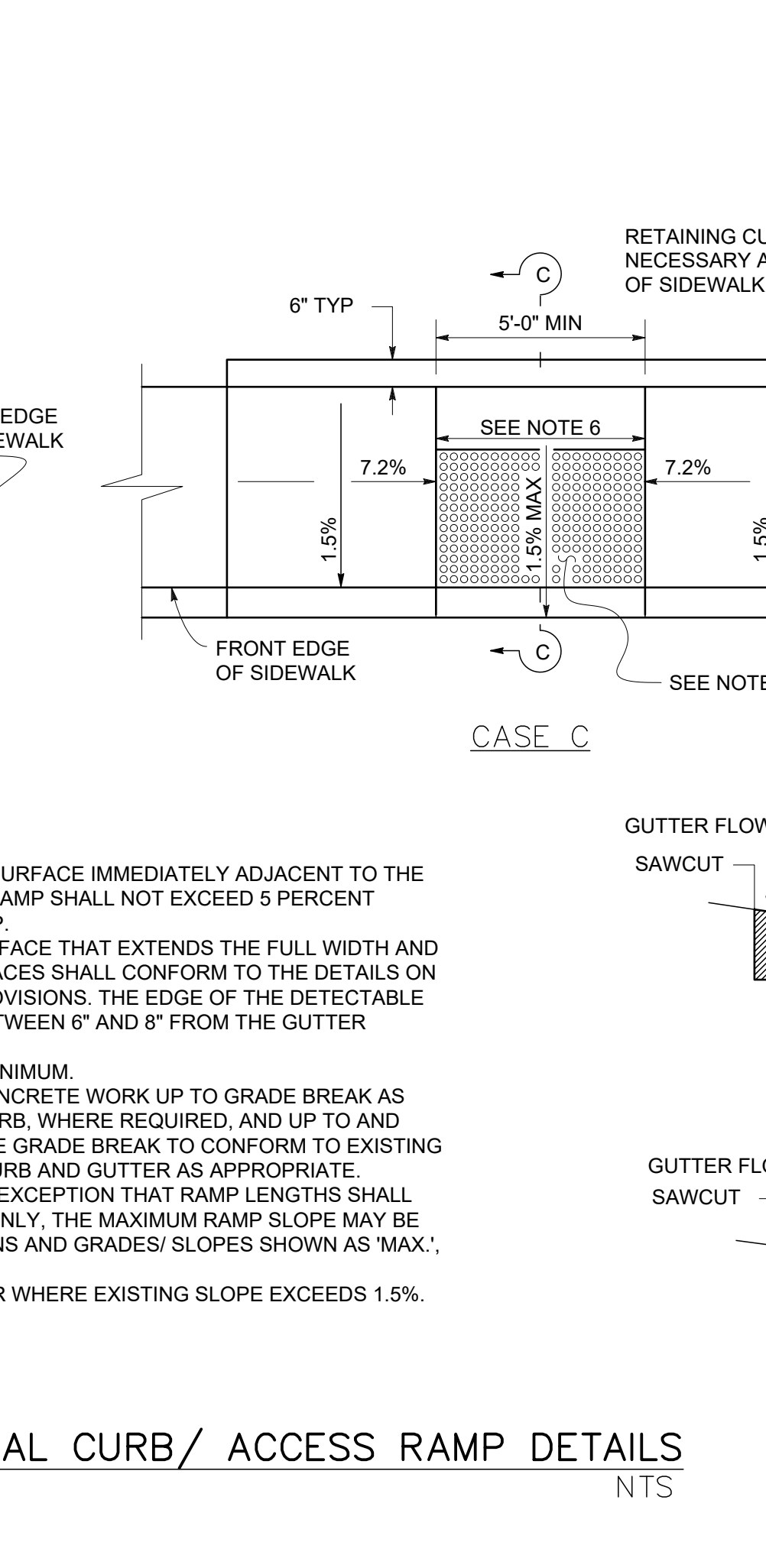
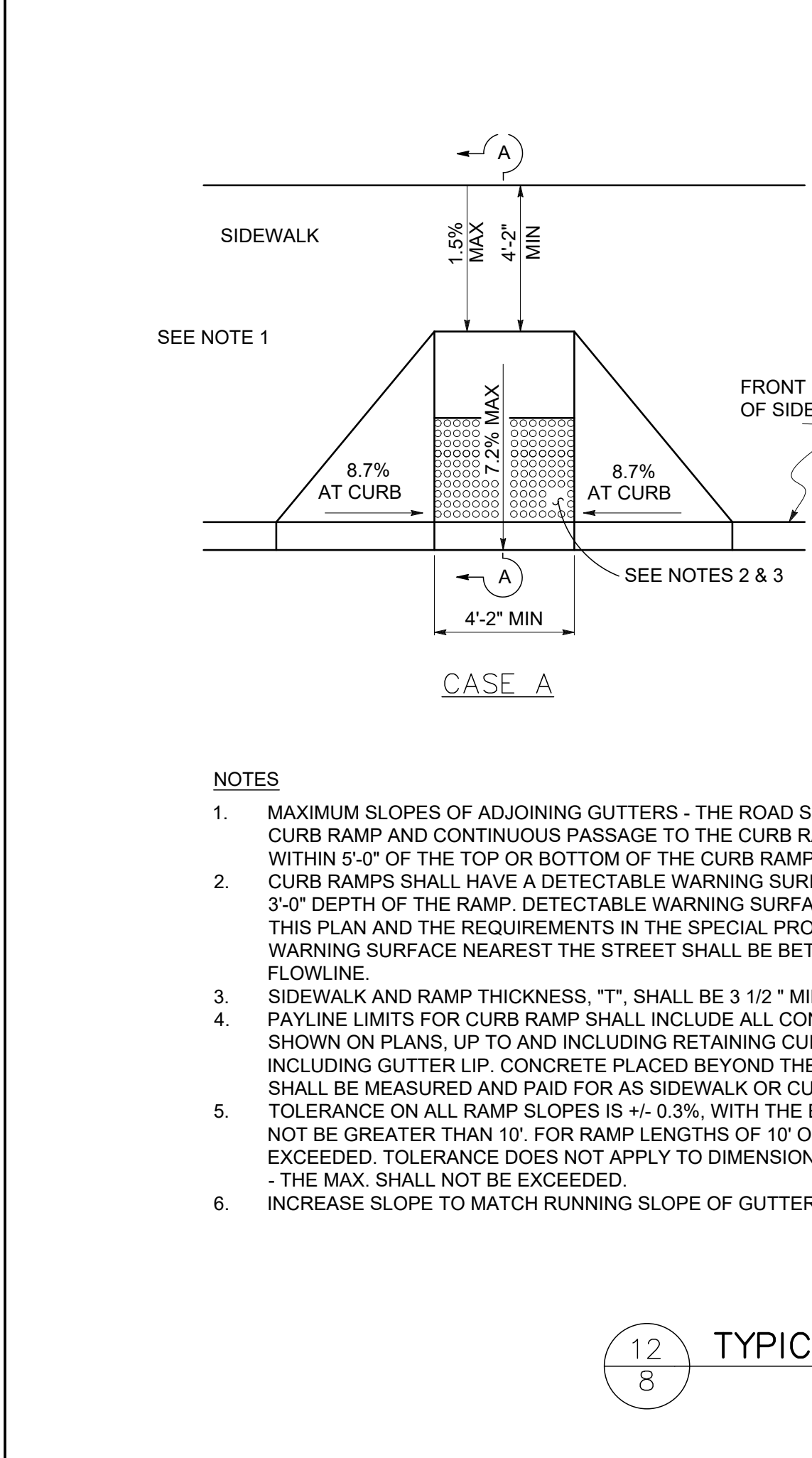
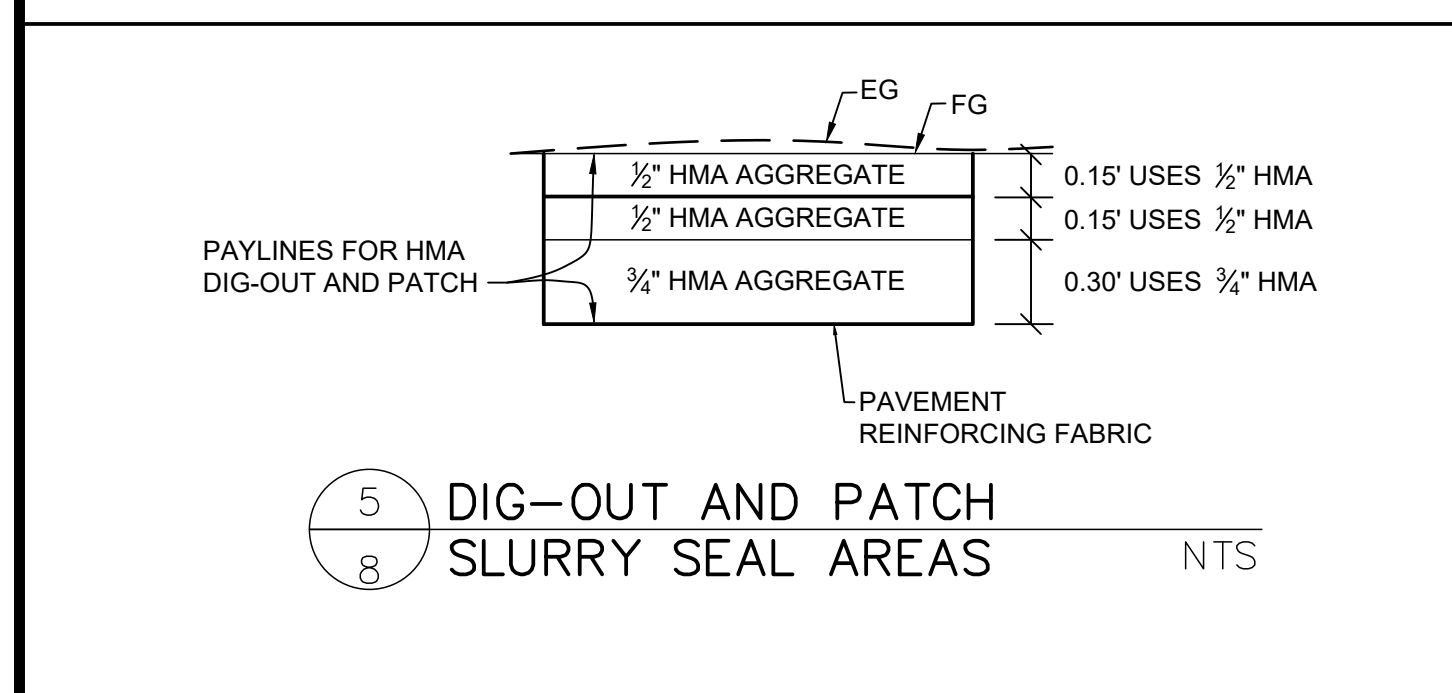
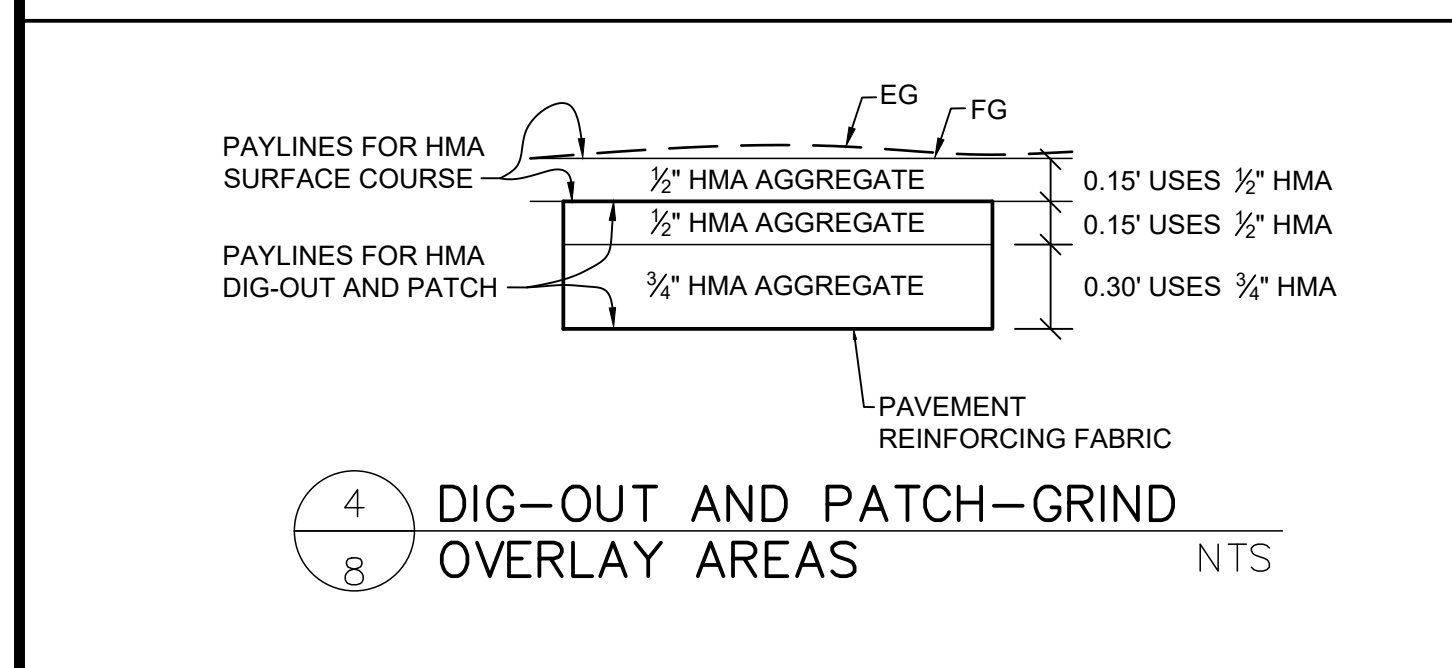
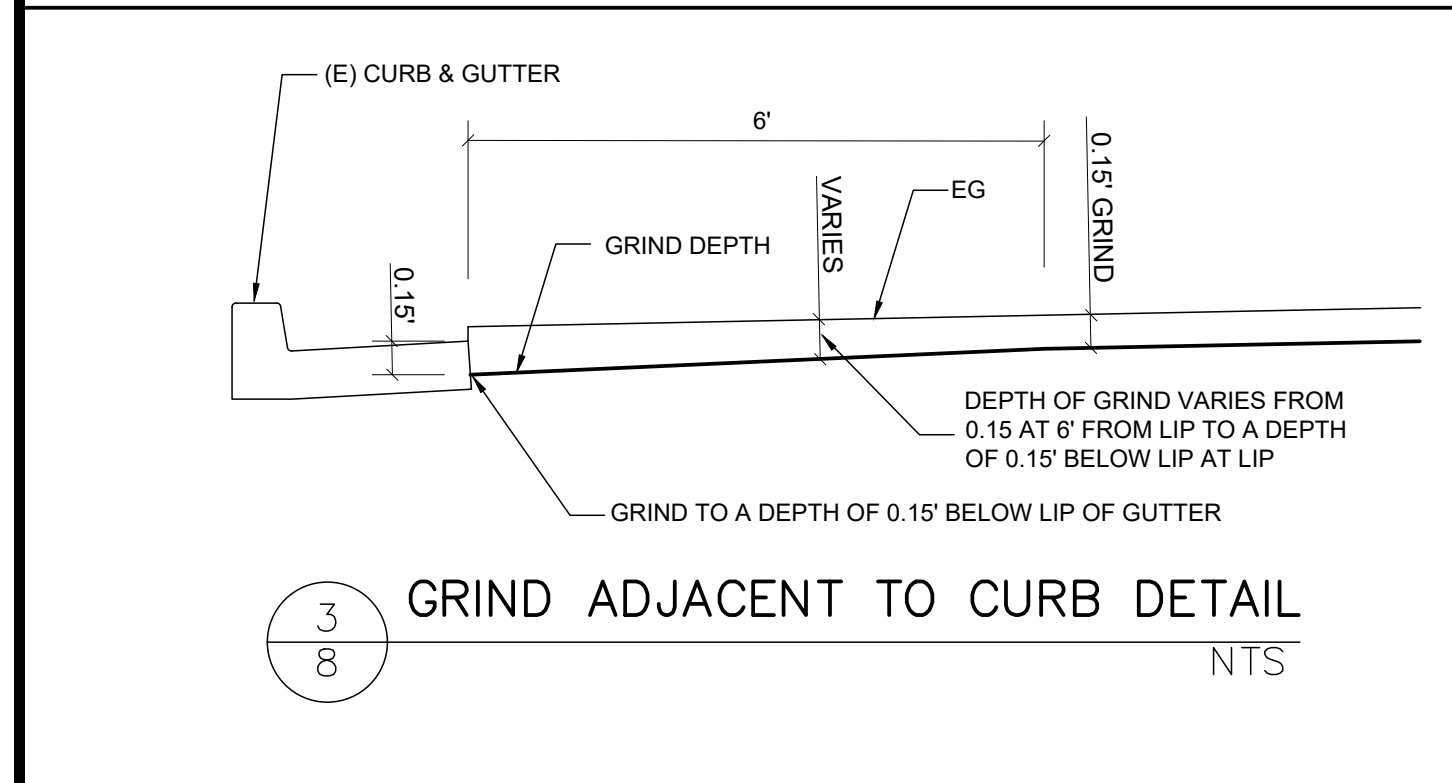
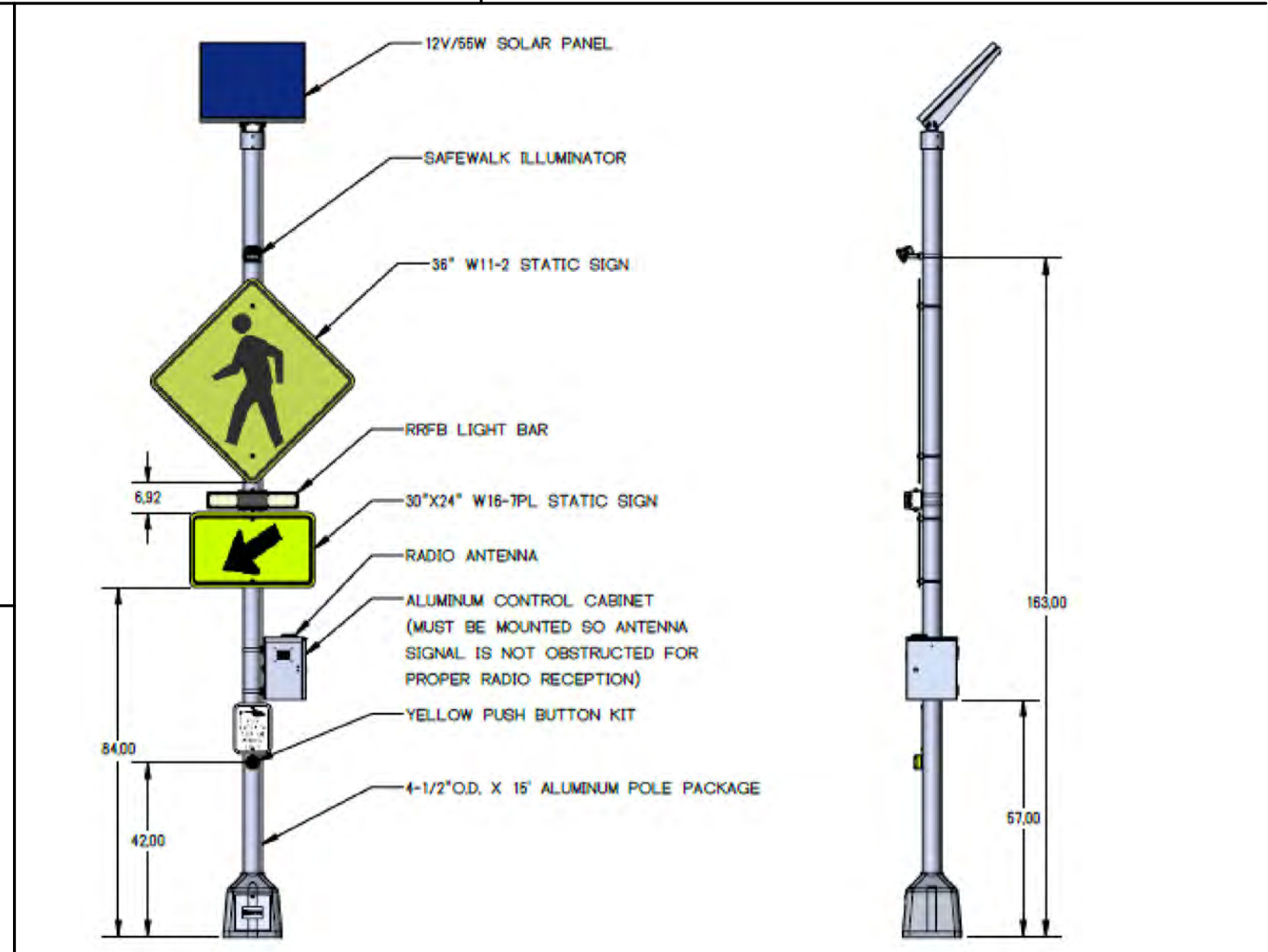
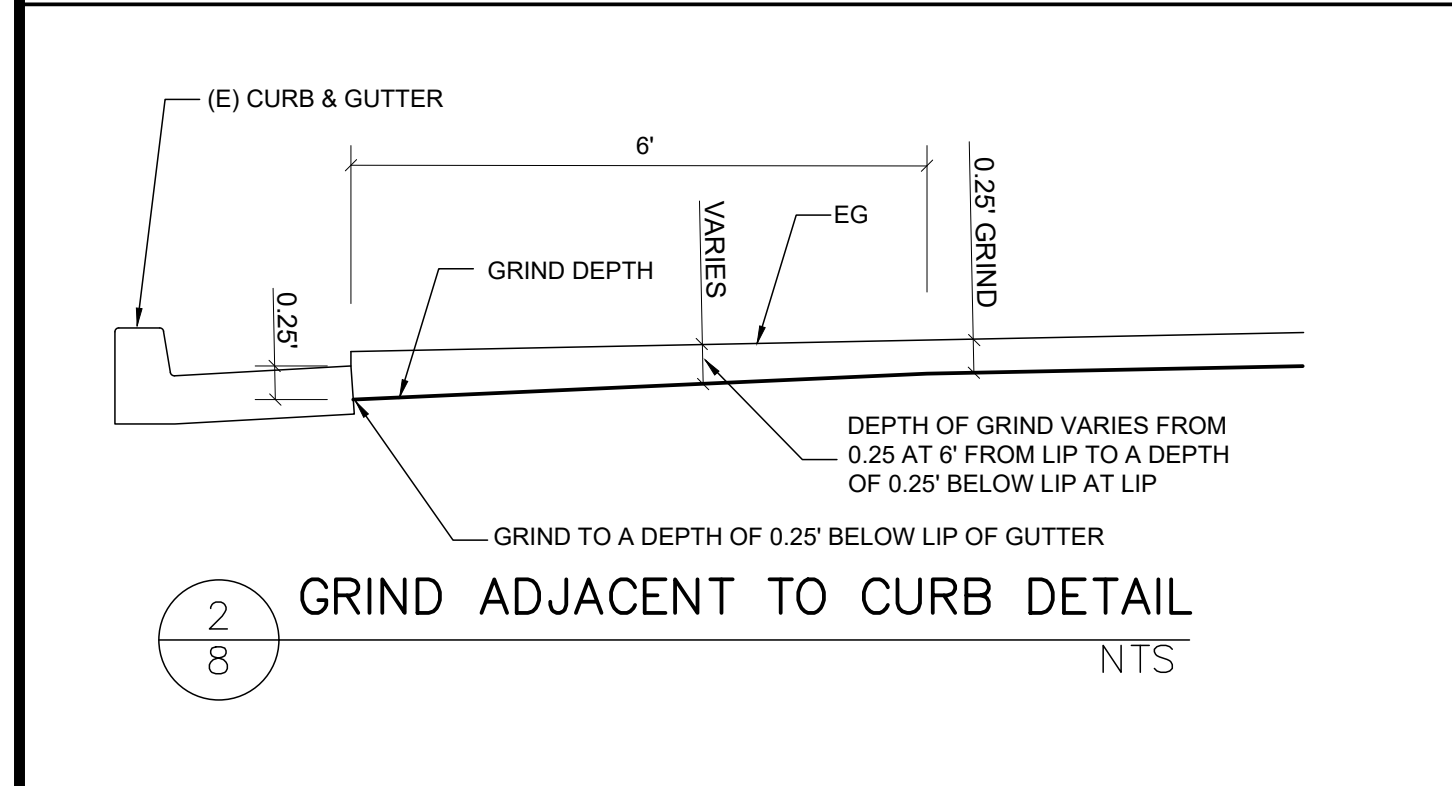
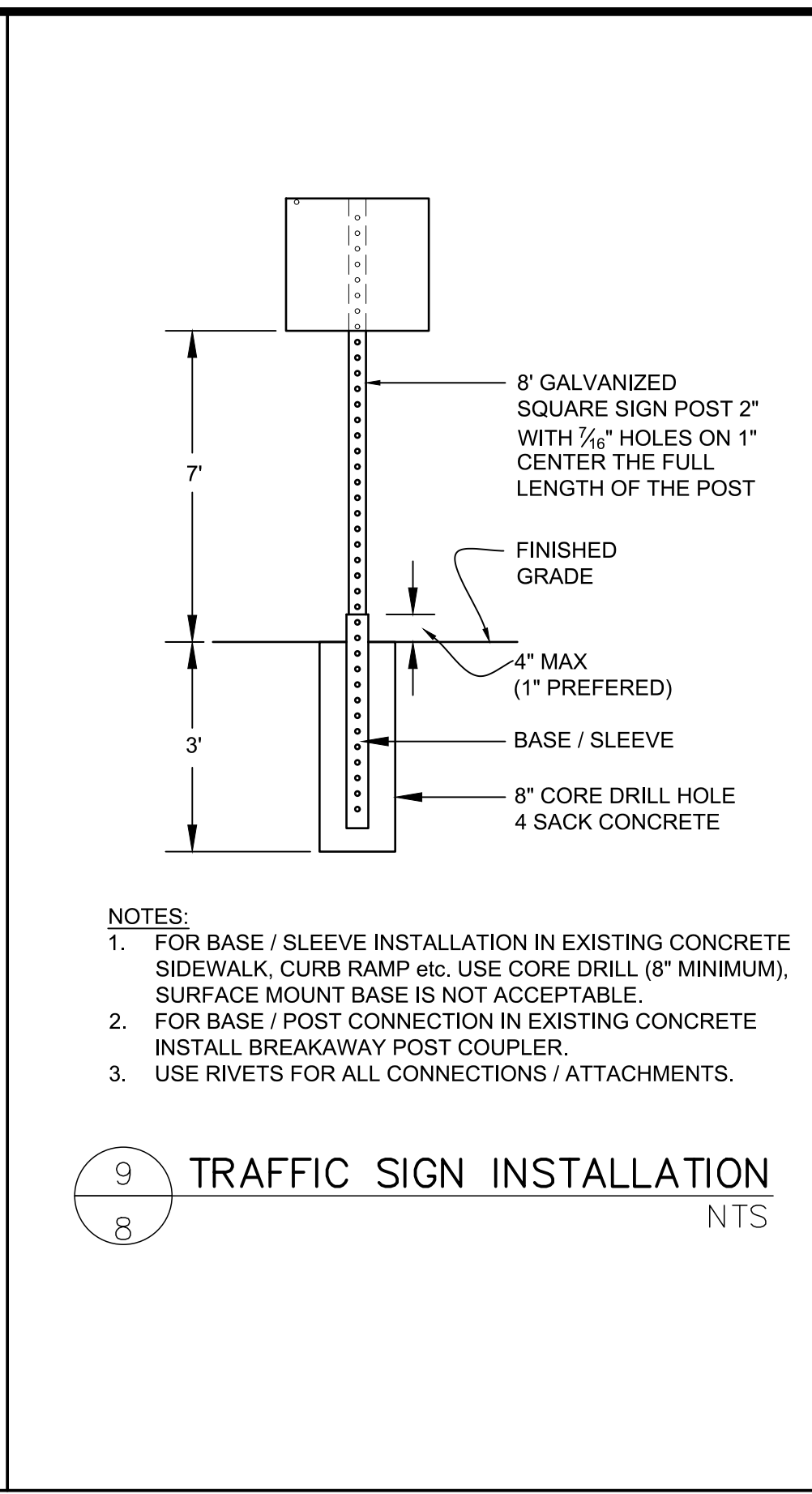
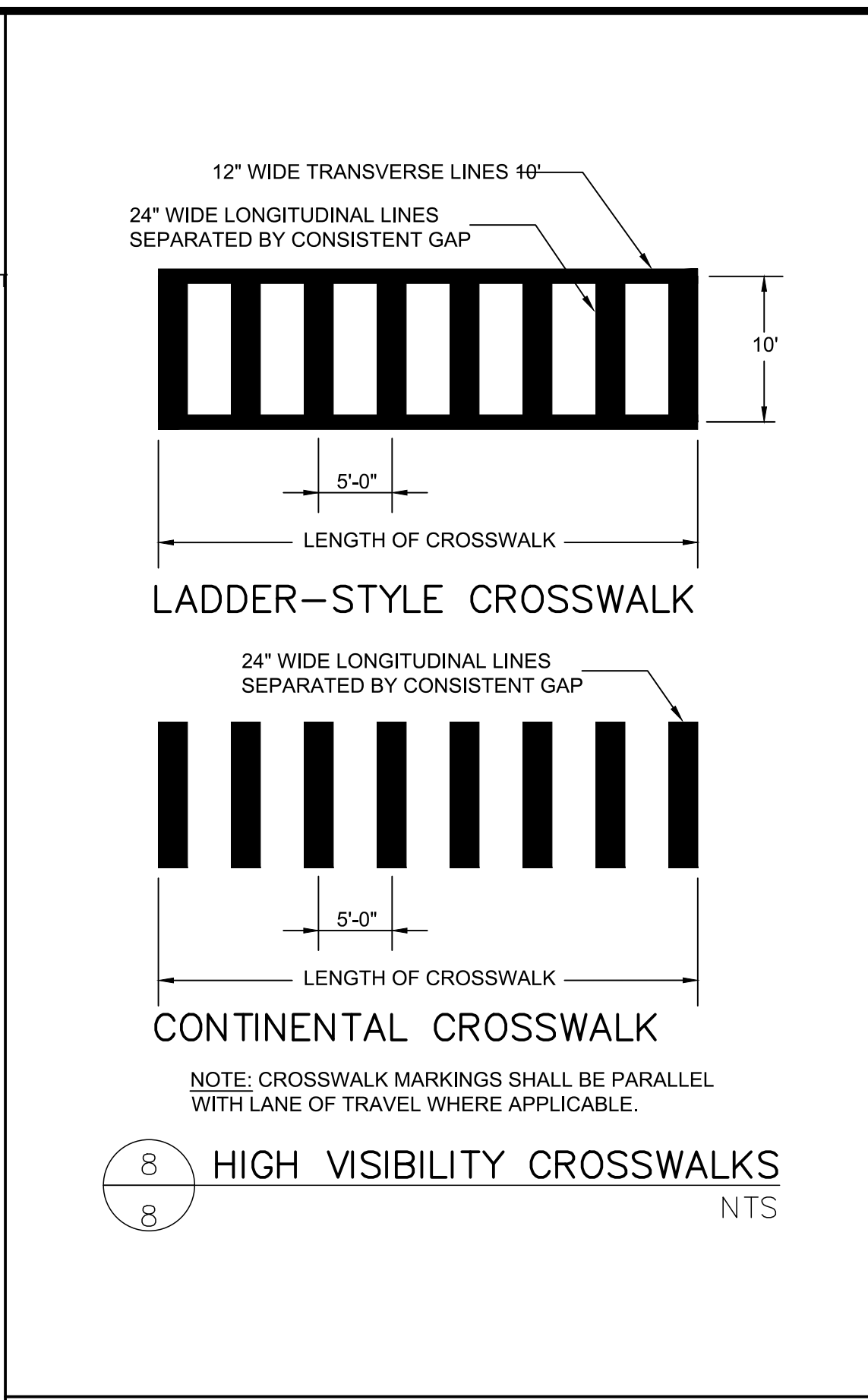
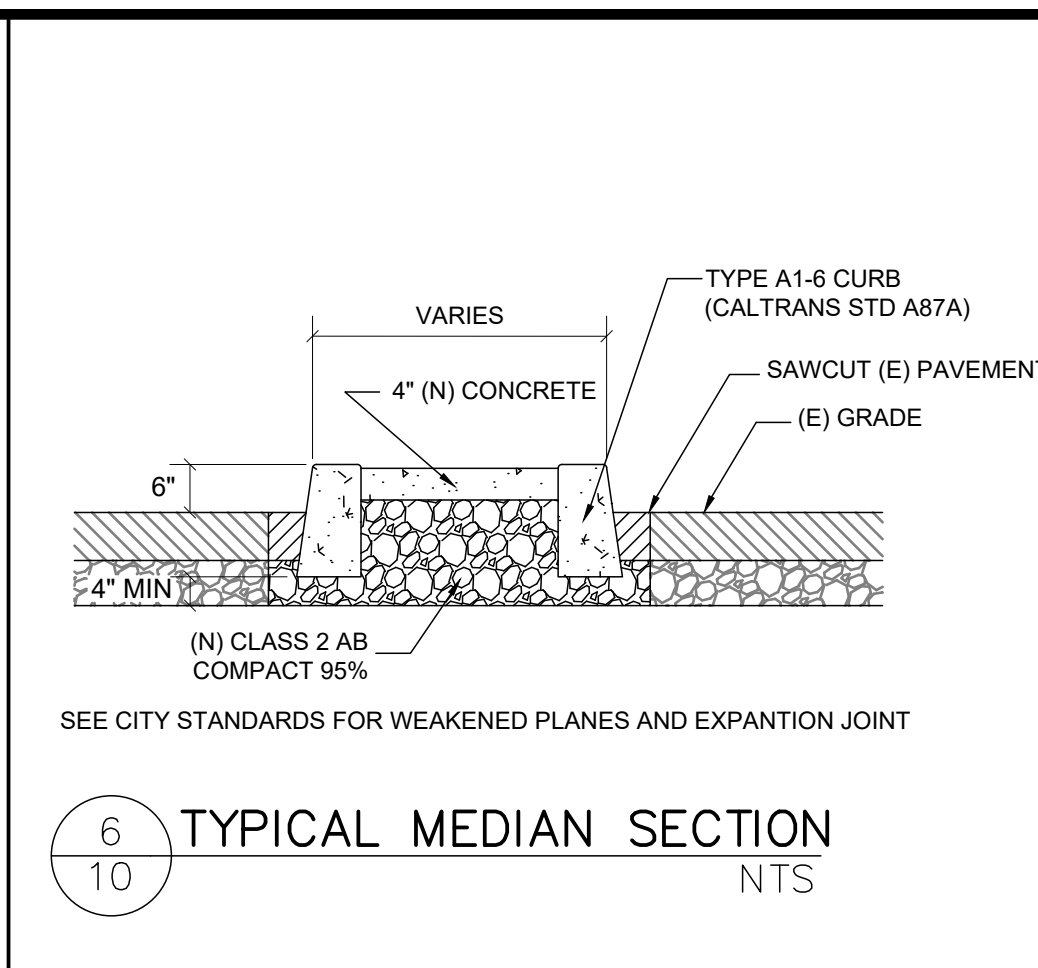
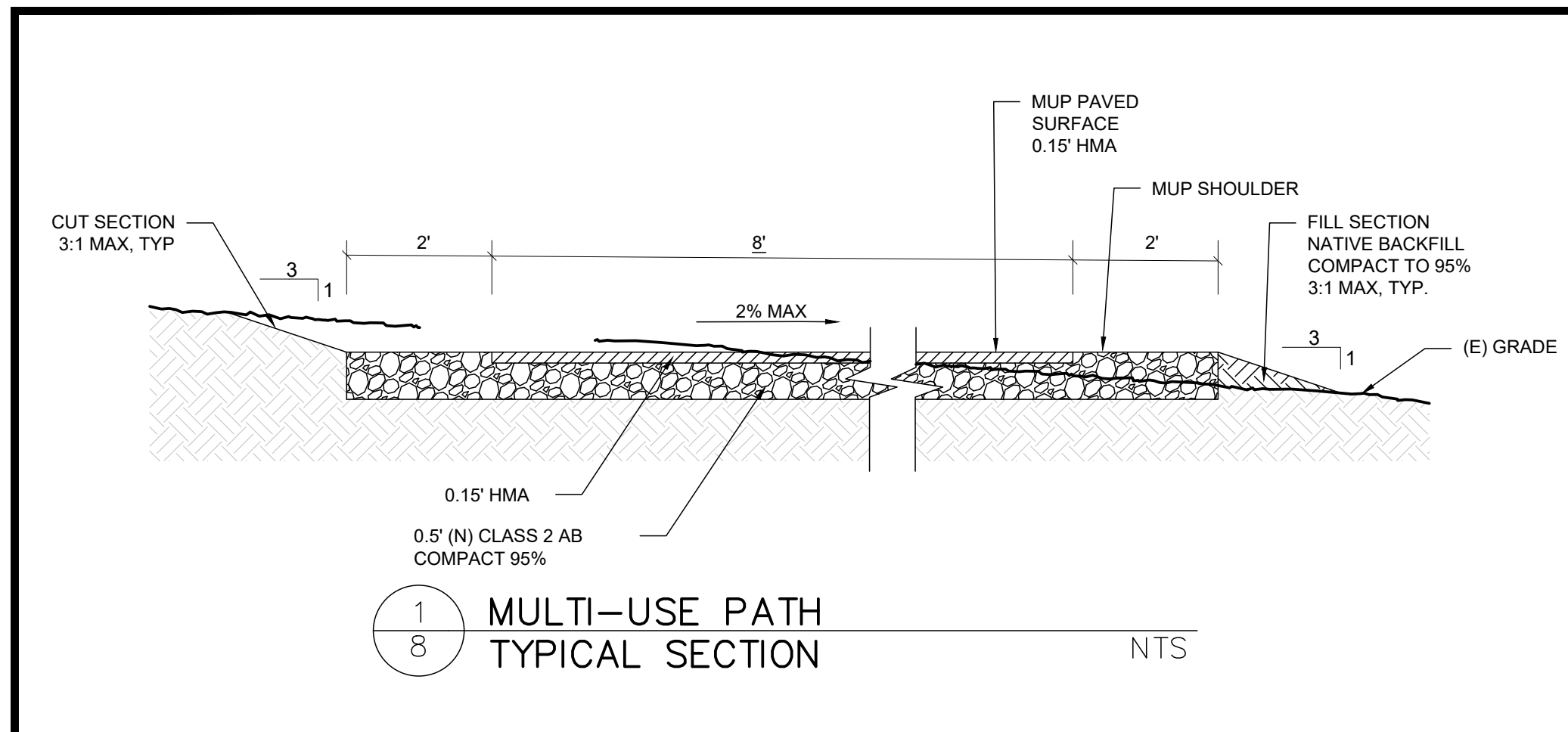
Approved By: _____

City Engineer _____ Date _____



2019 Annual Pavement Rehabilitation Project
WILSON AVENUE FROM CENTER RD TO CITY LIMITS
PAVEMENT DELINEATION

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1	2/10/2020	RFA - CON SUBMITTAL TO CALTRANS	G.W.

Drawn By:	G.W.
Designed By:	G.W.
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Scale:	NTS

CITY OF NOVATO PUBLIC WORKS

ENGINEERING DIVISION

Submitted By:	
Project Engineer:	Date
Approved By:	
City Engineer:	Date



2019 Annual Pavement Rehabilitation Project

DETAILS

Date: April, 2020

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Project No.: 19-001