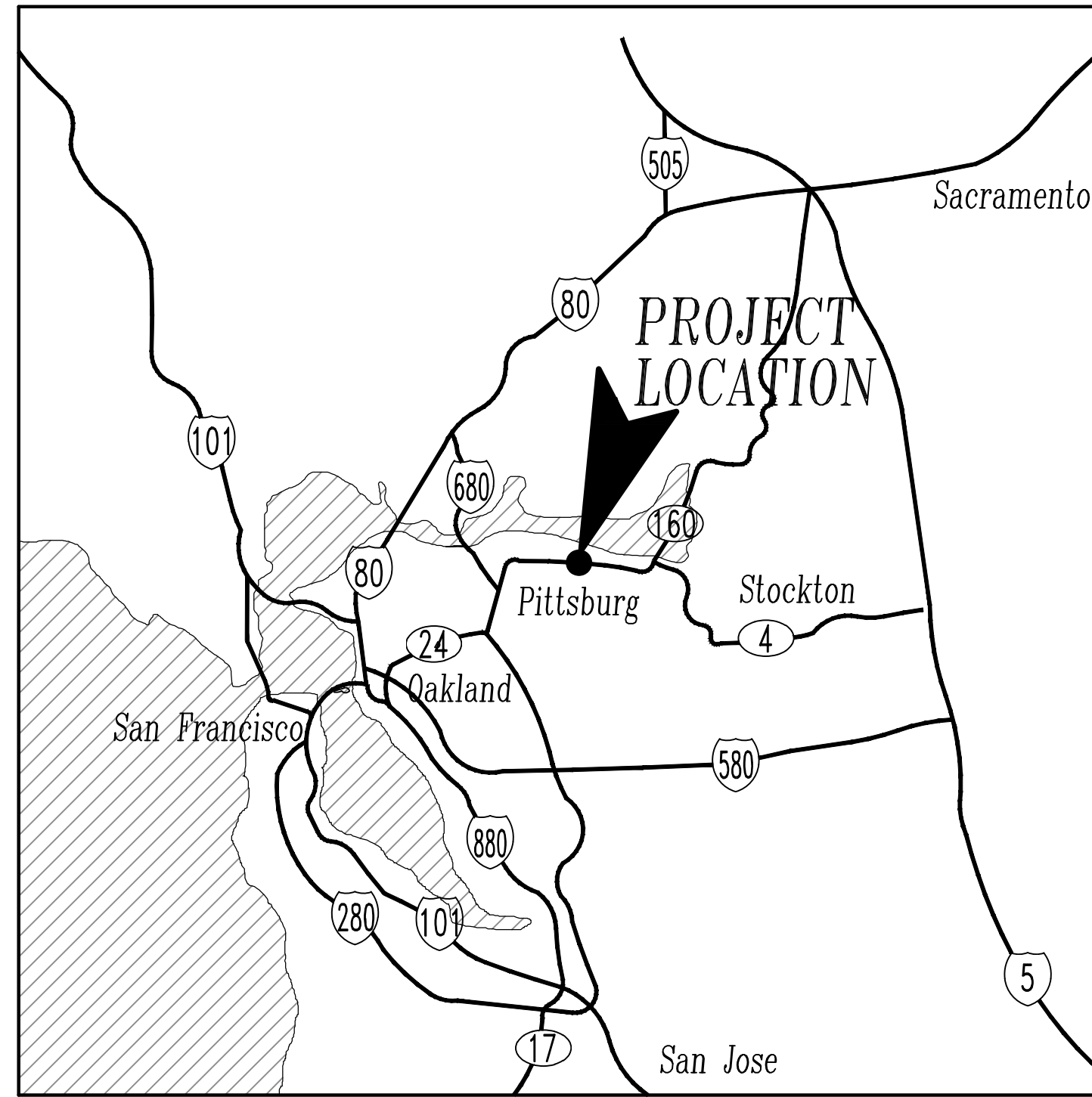


# CITY OF PITTSBURG

## PUBLIC WORKS ENGINEERING DIVISION

### CRESTVIEW DRIVE SAFETY IMPROVEMENTS PROJECT

PROJECT NO. 2028  
HSIPSL-5127 (040)

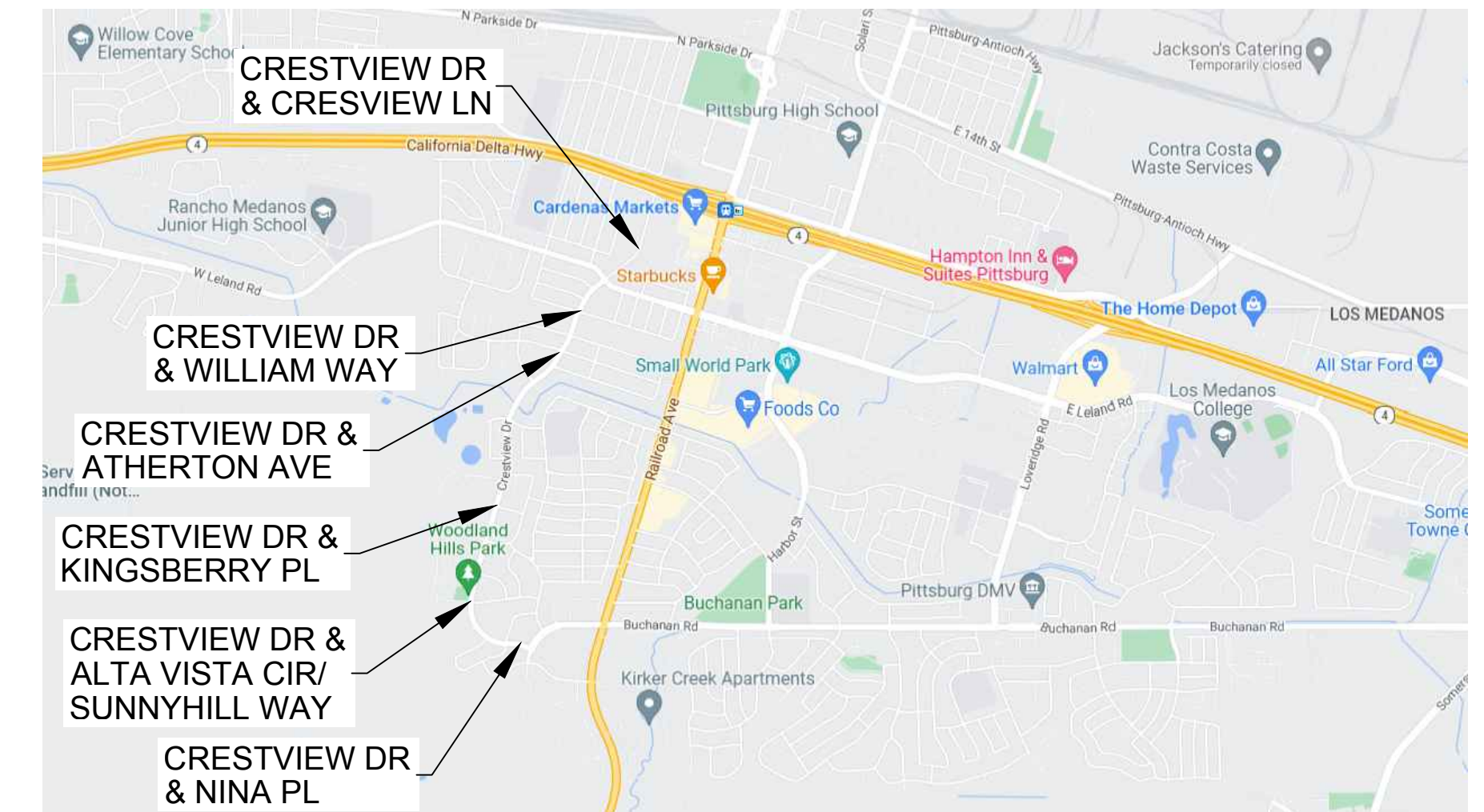


**VICINITY MAP**  
NTS

**SHEET INDEX**

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4	DEMOLITION PLAN - CRESTVIEW DRIVE AND ATHERTON AVENUE
5	DEMOLITION PLAN - CRESTVIEW DRIVE AND KINGSBERRY PLACE
6	IMPROVEMENT PLAN - CRESTVIEW DRIVE AND WILLIAM WAY
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9	GRADING PLAN - CRESTVIEW DRIVE AND WILLIAM WAY
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ATTENTION IS DIRECTED TO THE PROVISIONS OF CHAPTER 9 OF DIVISION 3 OF THE BUSINESS AND PROFESSIONS CODE CONCERNING THE LICENSING OF CONTRACTORS. THE PRIME CONTRACTOR SHALL POSSESS A CALIFORNIA CLASS "A" OR "C-12" LICENSE AT THE TIME THIS CONTRACT IS AWARDED.



**LOCATION MAP**  
NTS

JOHN SAMUELSON, P.E., CITY ENGINEER  
DATE: 3/6/2024

ACCEPTANCE OF THESE IMPROVEMENT PLANS BY THE CITY ENGINEER SHALL NOT RELIEVE THE ENGINEER OF RECORD FOR THE DESIGN NOR FROM ANY DEFICIENCIES RESULTING FROM THE DESIGN THEREOF.

CITY ENGINEER SHALL SIGN ANY REVISION PRIOR OR DURING CONSTRUCTION. A COPY OF THE REVISION SHALL BE SUBMITTED TO THE CITY THROUGH ELECTRONIC OR HARD COPY FORMAT.

A "RECORD DRAWING" SHALL BE SUBMITTED TO THE CITY THROUGH ELECTRONIC OR HARD COPY PRIOR TO ACCEPTANCE OF THE WORK AS COMPLETE.

**THE CITY COUNCIL  
OF THE CITY OF PITTSBURG**

JUAN ANTONIO BANALES, MAYOR  
JELANI KILLINGS, VICE-MAYOR  
DIONNE ADAMS, COUNCIL MEMBER  
ANGELICA LOPEZ, COUNCIL MEMBER  
SHANELLE SCALES-PRESTON, COUNCIL MEMBER

GARRETT EVANS, CITY MANAGER  
ALICE EVENSON, CITY CLERK  
JOHN SAMUELSON, DIRECTOR PUBLIC WORKS, CITY ENGINEER

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1-800-227-2600

**BID SUBMITTAL**  
FEBRUARY 28, 2024

REV.	DATE	DESCRIPTION	City of Pittsburg Public Works Engineering Department 65 Civic Avenue Pittsburg, CA 94565 Tel: (925) 252-4930 <a href="http://www.ci.pittsburg.ca.us/">http://www.ci.pittsburg.ca.us/</a>	CRESTVIEW DRIVE SAFETY IMPROVEMENTS PROJECT HSIPSL-5127(040)  <b>COVER SHEET</b>	DRAWN: RB CHECKED: MA CITY ENGINEER: TRAFFIC ENGINEER:			DATE: FEBRUARY 2024 SCALE: AS SHOWN FILE NAME: 220082	SHEET 1 OF 23
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PITTSBURG

CALIFORNIA

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**ABBREVIATIONS:**

AB	AGGREGATE BASE	MH	MANHOLE
ABDN	ABANDON	MISC	MISCELLANEOUS
AC	ASPHALT CONCRETE	MON	MONUMENT
AT&T	AMERICAN TELEPHONE & TELEGRAPH	N	NORTHING, NORTH
BC	BEGIN CURVE	NTS	NOT TO SCALE
BW	BACK OF WALK	OC	ON-CENTER
CDF	CONTROLLED DENSITY FILL	OH	OVERHEAD UTILITY LINE
CI	CAST IRON	PB	PACIFIC BELL
CL	CENTERLINE	PCC	PORTLAND CEMENT CONCRETE
CMP	CORRUGATED METAL PIPE	PG&E	PACIFIC GAS & ELECTRIC
CONC	CONCRETE	POC	POINT OF CONNECTION
CY	CUBIC YARD	PT	POINT
DI	DRAIN INLET	PVC	POLYVINYL CHLORIDE
DIFF	DIFFERENCE	R	RADIUS, RIGHT
DWY	DRIVEWAY	RC	RELATIVE COMPACTION
E	ELECTRICAL, EASTING, EAST	RCP	REINFORCED CONCRETE PIPE
EC	END CURVE	RT	RIGHT
ELEC	ELECTRICAL	RW	RIGHT OF WAY
EP	EDGE OF PAVEMENT	S	SOUTH
EX	EXISTING	SD	STORM DRAIN
FDAC	FULL DEPTH ASPHALT CONCRETE	SDMH	STORM DRAIN MANHOLE
FDC	FIRE DEPARTMENT CONNECTION	SDR	STANDARD DIMENSION RATIO
FG	FINISH GRADE	SL	STATION LINE, STREET LIGHT
FH	FIRE HYDRANT	SM	SURVEY MARKER
FL	FLOW LINE	SS	SANITARY SEWER
FO	FIBER OPTICS	SSCO	SANITARY SEWER CLEANOUT
FS	FIRE SERVICE	SSMH	SANITARY SEWER MANHOLE
FW	FACE OF WALK	STA	STATION
G	GAS	STD	STANDARD
GB	GRADE BREAK	SW	SIDEWALK
HDPE	HIGH DENSITY POLYETHYLENE PIPE	TC	TOP OF CURB
HP	HIGH POINT	TEL	TELEPHONE, TELECOM
HV	HIGH VOLTAGE	TFL	THEORETICAL FLOW LINE
HYD	FIRE HYDRANT	TTC	THEORETICAL TOP OF CURB
INV	INVERT	TYP	TYPICAL
IP	IRON PIPE	VCP	VITRIFIED CLAY PIPE
IRR	IRRIGATION	W	WEST
LF	LINEAR FEET	W, WTR	WATER
LP	LOW POINT	WV	WATER VALVE
LT	LEFT		

**GENERAL NOTES:**

- ALL MATERIAL AND WORKMANSHIP SHALL FULLY CONFORM WITH THE SPECIFICATIONS, STANDARDS, AND ORDINANCES OF THE CITY OF PITTSBURG. STANDARD SPECIFICATIONS AND DETAILS ARE AVAILABLE IN THE OFFICE OF THE CITY ENGINEER.
- THE ENGINEER SHALL BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF ANY WORK.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXISTENCE AND LOCATION OF ALL UTILITIES. THE UNDERGROUND CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 48 HOURS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CONTACT UNDERGROUND SERVICE ALERT AT 800-227-2600.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE CITY ENGINEER.
- TRAFFIC CONTROL SHALL BE CONTRACTOR'S RESPONSIBILITY. ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CALIFORNIA MUTCD.
- ALL EXISTING UTILITIES AND PRIVATE IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION SHALL BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER, AT CONTRACTOR'S SOLE EXPENSE.
- THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY AND THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT JUST DURING NORMAL WORKING HOURS.
- EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED AND SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING OR SHEETING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL MAKE NECESSARY REPAIRS OR RECONSTRUCTION AT CONTRACTOR OWN EXPENSE AND TO THE SATISFACTION OF THE CITY ENGINEER. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, SHORING AND BRACING OR EQUIVALENT METHOD, FOR THE PROTECTION OF LIFE, OR LIMB, WHICH SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENTS.
- SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY. EXISTING UTILITIES SHALL BE MAINTAINED IN SERVICE AND IN PLACE BY THE CONTRACTOR DURING CONSTRUCTION UNLESS OTHERWISE SHOWN. REFERENCES TO THE STATE STANDARD SPECIFICATIONS AND STANDARD PLANS REFER TO CURRENT EDITION.
- ALL USA MARKING TO BE REMOVED AT END OF CONSTRUCTION.

Call Two Working Days Before You Dig!



1-800-227-2600

**BID SUBMITTAL**  
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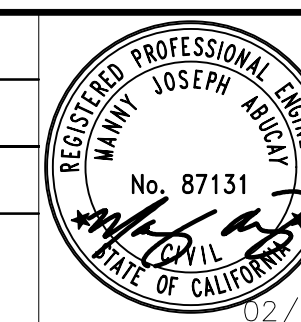
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HSIPSL-5127(040)

**GENERAL NOTES**

PITTSBURG

CALIFORNIA

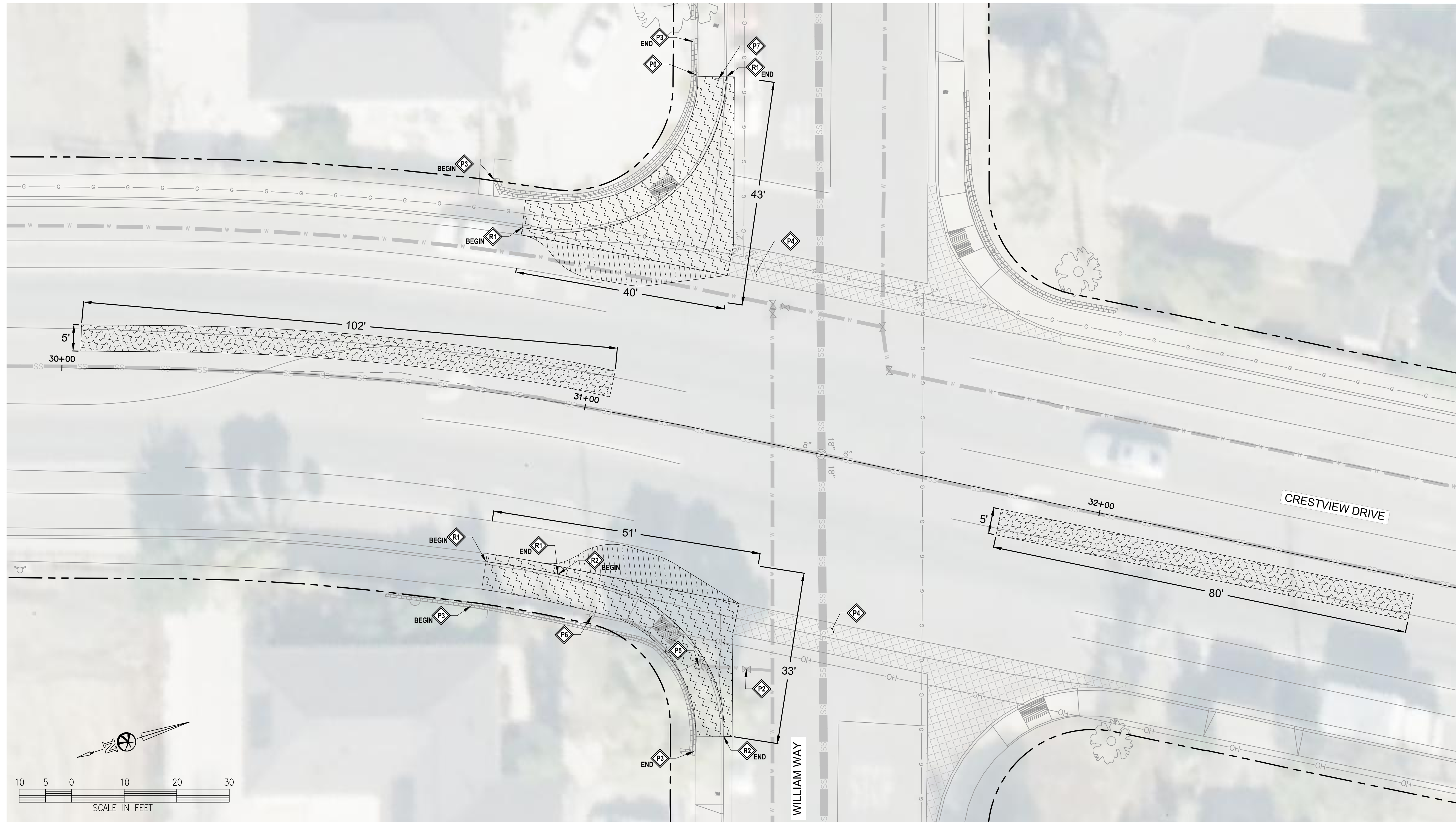
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CHECKED: MA  
CITY ENGINEER:  
TRAFFIC ENGINEER:



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SCALE: AS SHOWN  
FILE NAME: 220082

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**CONSTRUCTION NOTES**

- PROTECT IN PLACE
- PROTECT IN PLACE CONCRETE CURB & GUTTER
- PROTECT IN PLACE WATER VALVE AND BOX
- PROTECT IN PLACE RETAINING WALL
- PROTECT IN PLACE CONCRETE VALLEY GUTTER
- PROTECT IN PLACE CONCRETE FIRE HYDRANT
- PROTECT IN PLACE JOINT POLE AND GUY WIRE
- PROTECT IN PLACE SIGN
  
- REMOVE, REPLACE, AND/OR RELOCATE
- REMOVE SIDEWALK AND CONCRETE CURB & GUTTER
- REMOVE CONCRETE VALLEY GUTTER
- REMOVE STORM DRAIN INLET
  
- GENERAL
- CONTRACTOR TO POTHOLE AND VERIFY ANY EXISTING UTILITIES PRIOR TO CONSTRUCTION

**LEGEND:**

- SAWCUT FROM NEAREST SCORE JOINT & REMOVE CONCRETE, BASE, & SUBSOIL. EXCAVATE AS NECESSARY TO MEET THE GRADES REQUIRED FOR DESIGN SUBGRADE
- REMOVE 6" TO 11" AC. EXCAVATE AS NECESSARY TO MEET THE GRADES REQUIRED FOR DESIGN SUBGRADE. SEE GRADES ON DETAIL PLANS
- SAWCUT & REMOVE AC PAVEMENT (INCLUDING PAVEMENT MARKINGS & STRIPING), BASE, & SUBSOIL (TO INSTALL CONCRETE IMPROVEMENTS). EXCAVATE AS NECESSARY TO MEET THE GRADES REQUIRED FOR DESIGN SUBGRADE. SEE GRADES ON DETAIL PLANS
- EX VALLEY GUTTER

--- APPROXIMATE RIGHT OF WAY

**GENERAL NOTES**

1. CONTRACTOR SHALL CONTACT USA TO FIELD VERIFY DIMENSIONS, ELEVATIONS, AND LOCATION OF ALL EXISTING STRUCTURES, IMPROVEMENTS AND UNDERGROUND UTILITY LINES. KNOWN EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO NOTIFY THE ENGINEER IF ANY OF THE EXISTING STRUCTURES, IMPROVEMENTS, OR UNDERGROUND UTILITY LINES CONFLICT WITH THE PROPOSED CONSTRUCTION, AND WAIT FOR THE ENGINEER'S DECISION PRIOR TO BEGINNING OF THE WORK.

Call Two Working Days Before You Dig!

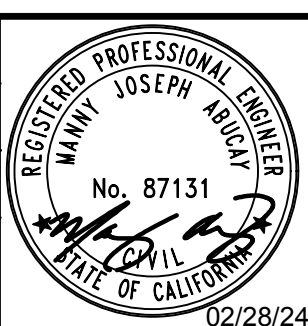
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<http://www.ci.pittsburg.ca.us/>

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 HSIPSL-5127(040)  
**DEMOLITION PLAN -**  
**CRESTVIEW DRIVE AND WILLIAM WAY**  
 PITTSBURG CALIFORNIA

DRAWN: RB  
 CHECKED: MA  
 CITY ENGINEER:  
 TRAFFIC ENGINEER:



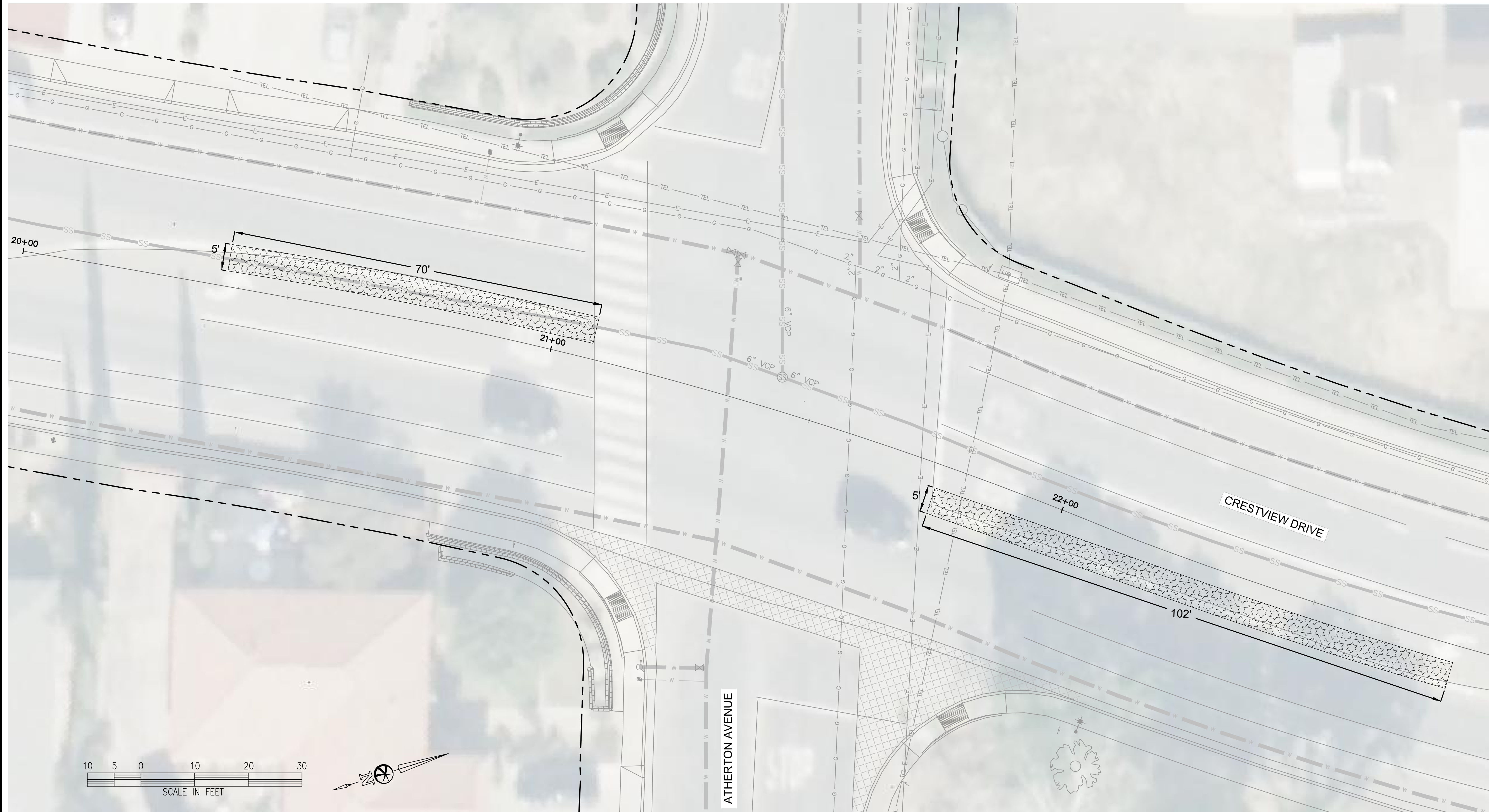
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**CONSTRUCTION NOTES**

- PROTECT IN PLACE
- PROTECT IN PLACE CONCRETE CURB & GUTTER
- PROTECT IN PLACE WATER VALVE AND BOX
- PROTECT IN PLACE RETAINING WALL
- PROTECT IN PLACE CONCRETE VALLEY GUTTER
- PROTECT IN PLACE CONCRETE FIRE HYDRANT
- PROTECT IN PLACE JOINT POLE AND GUY WIRE
- PROTECT IN PLACE SIGN
  
- REMOVE, REPLACE, AND/OR RELOCATE
- REMOVE CONCRETE CURB & GUTTER
- REMOVE CONCRETE VALLEY GUTTER
- REMOVE STORM DRAIN INLET
  
- GENERAL
- CONTRACTOR TO POT-HOLE AND VERIFY ANY EXISTING UTILITIES PRIOR TO CONSTRUCTION

**LEGEND:**

- SAWCUT FROM NEAREST SCORE JOINT & REMOVE CONCRETE, BASE, & SUBSOIL. EXCAVATE AS NECESSARY TO MEET THE GRADES REQUIRED FOR DESIGN SUBGRADE
- REMOVE 6" TO 11" AC. EXCAVATE AS NECESSARY TO MEET THE GRADES REQUIRED FOR DESIGN SUBGRADE. SEE GRADES ON DETAIL PLANS
- SAWCUT & REMOVE AC PAVEMENT (INCLUDING PAVEMENT MARKINGS & STRIPING), BASE, & SUBSOIL (TO INSTALL CONCRETE IMPROVEMENTS). EXCAVATE AS NECESSARY TO MEET THE GRADES REQUIRED FOR DESIGN SUBGRADE. SEE GRADES ON DETAIL PLANS
- EX VALLEY GUTTER
- APPROXIMATE RIGHT OF WAY

**GENERAL NOTES**

1. CONTRACTOR SHALL CONTACT USA TO FIELD VERIFY DIMENSIONS, ELEVATIONS, AND LOCATION OF ALL EXISTING STRUCTURES, IMPROVEMENTS AND UNDERGROUND UTILITY LINES. KNOWN EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO NOTIFY THE ENGINEER IF ANY OF THE EXISTING STRUCTURES, IMPROVEMENTS, OR UNDERGROUND UTILITY LINES CONFLICT WITH THE PROPOSED CONSTRUCTION, AND WAIT FOR THE ENGINEER'S DECISION PRIOR TO BEGINNING OF THE WORK.

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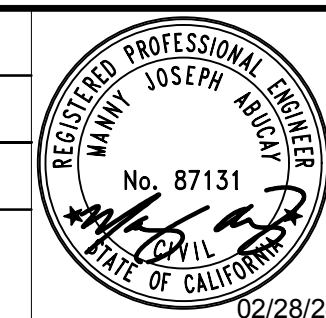
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**DEMOLITION PLAN -**  
**CRESTVIEW DRIVE AND ATHERTON AVENUE**  
 PITTSBURG CALIFORNIA

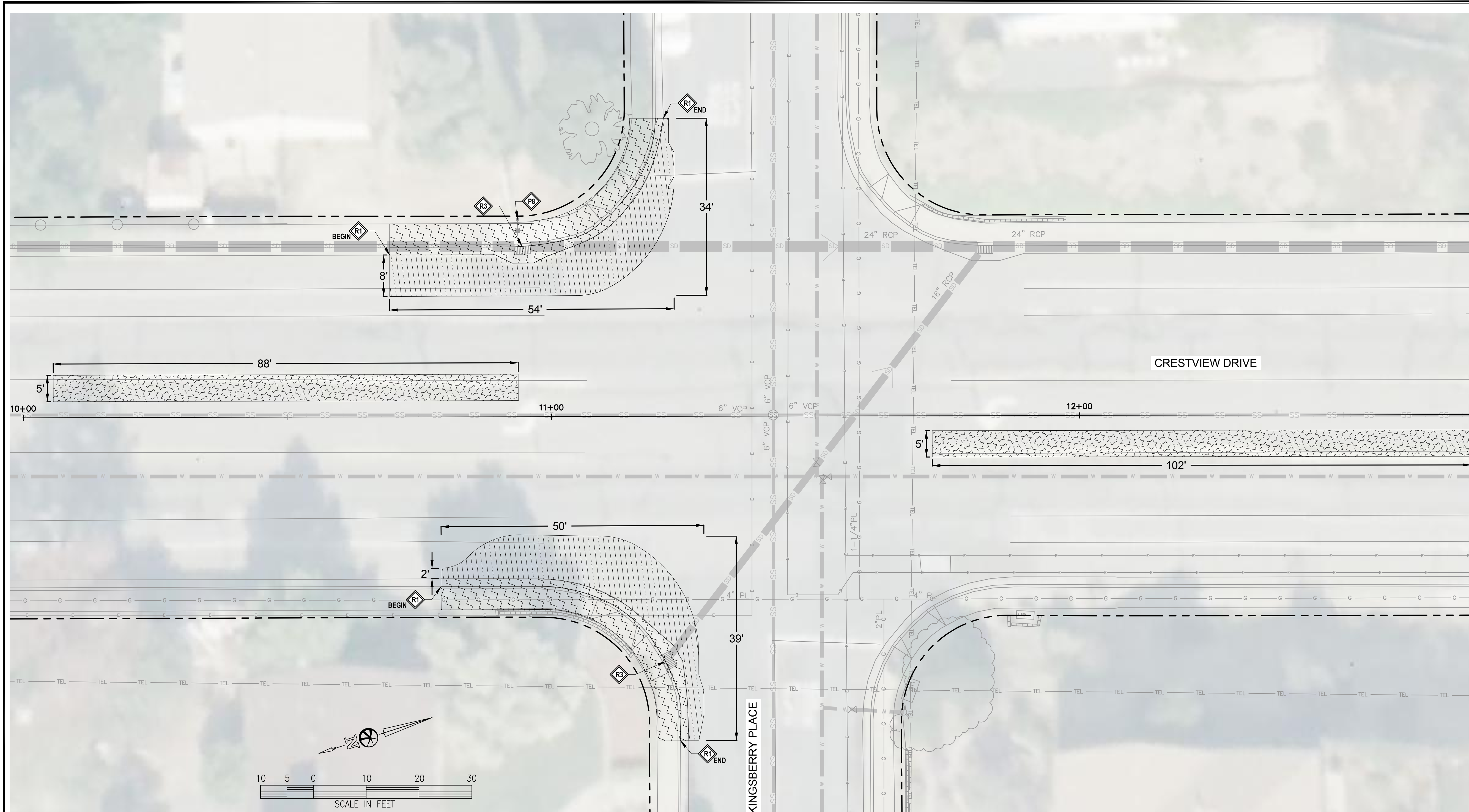
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 CITY ENGINEER:  
 TRAFFIC ENGINEER:



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 FEBRUARY 28, 2024

DATE: FEBRUARY 2024	SHEET 4 OF 23
SCALE: AS SHOWN	
FILE NAME: 220082	





**CONSTRUCTION NOTES**

- P PROTECT IN PLACE
- P1 PROTECT IN PLACE CONCRETE CURB & GUTTER
- P2 PROTECT IN PLACE WATER VALVE AND BOX
- P3 PROTECT IN PLACE RETAINING WALL
- P4 PROTECT IN PLACE CONCRETE VALLEY GUTTER
- P5 PROTECT IN PLACE CONCRETE FIRE HYDRANT
- P6 PROTECT IN PLACE JOINT POLE AND GUY WIRE
- P7 PROTECT IN PLACE SIGN
- P8 PROTECT IN PLACE STREET LIGHT
  
- R REMOVE, REPLACE, AND/OR RELOCATE
- R1 REMOVE SIDEWALK AND CONCRETE CURB & GUTTER
- R2 REMOVE CONCRETE VALLEY GUTTER
- R3 REMOVE STORM DRAIN INLET
  
- # GENERAL
- 1 CONTRACTOR TO POT HOLE AND VERIFY ANY EXISTING UTILITIES PRIOR TO CONSTRUCTION

**LEGEND:**

- SAWCUT FROM NEAREST SCORE JOINT & REMOVE CONCRETE, BASE, & SUBSOIL. EXCAVATE AS NECESSARY TO MEET THE GRADES REQUIRED FOR DESIGN SUBGRADE
- REMOVE 6" TO 11" AC. EXCAVATE AS NECESSARY TO MEET THE GRADES REQUIRED FOR DESIGN SUBGRADE. SEE GRADES ON DETAIL PLANS
- SAWCUT & REMOVE AC PAVEMENT (INCLUDING PAVEMENT MARKINGS & STRIPING), BASE, & SUBSOIL (TO INSTALL CONCRETE IMPROVEMENTS). EXCAVATE AS NECESSARY TO MEET THE GRADES REQUIRED FOR DESIGN SUBGRADE. SEE GRADES ON DETAIL PLANS
- EX VALLEY GUTTER
- APPROXIMATE RIGHT OF WAY

**GENERAL NOTES**

1. CONTRACTOR SHALL CONTACT USA TO FIELD VERIFY DIMENSIONS, ELEVATIONS, AND LOCATION OF ALL EXISTING STRUCTURES, IMPROVEMENTS AND UNDERGROUND UTILITY LINES. KNOWN EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO NOTIFY THE ENGINEER IF ANY OF THE EXISTING STRUCTURES, IMPROVEMENTS, OR UNDERGROUND UTILITY LINES CONFLICT WITH THE PROPOSED CONSTRUCTION. AND WAIT FOR THE ENGINEER'S DECISION PRIOR TO BEGINNING OF THE WORK.

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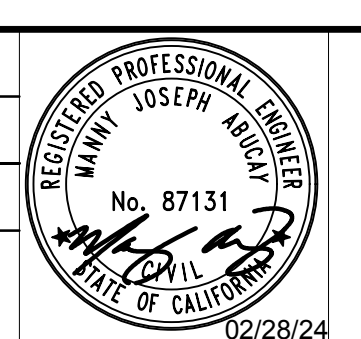
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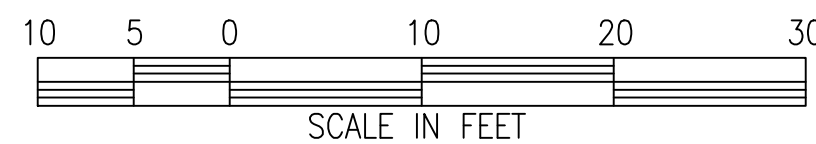
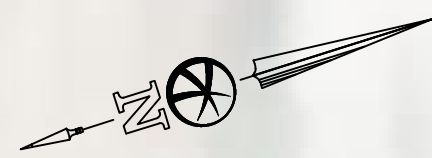
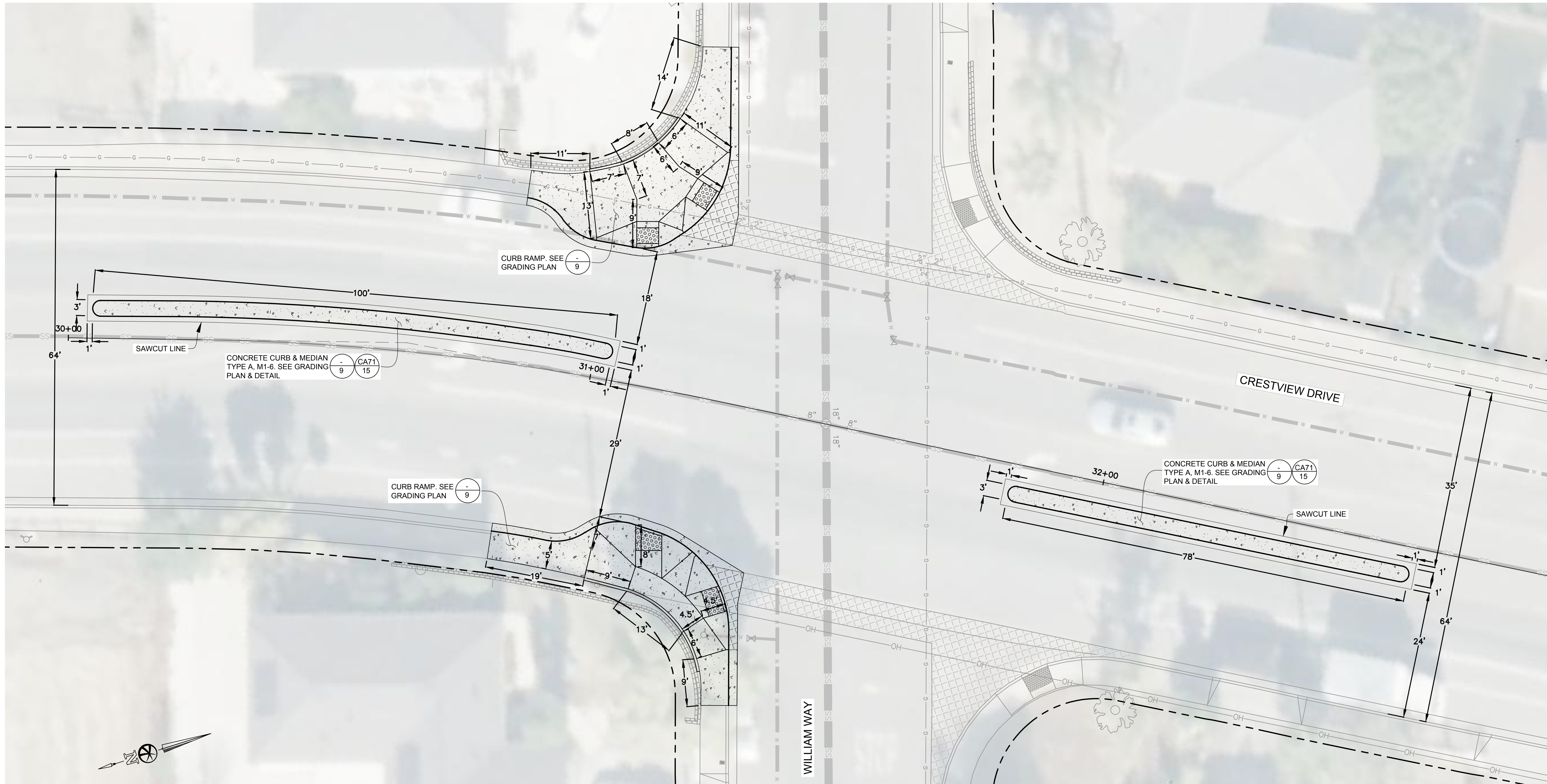
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PITTSBURG CALIFORNIA

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CITY ENGINEER:  
TRAFFIC ENGINEER:


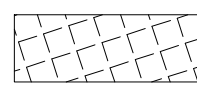
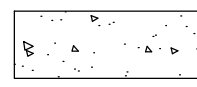



DATE: FEBRUARY 2024	SHEET
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FILE NAME: 220082	





**LEGEND**

-  INSTALL 6" FDAC. SEE GRADES ON GRADING PLANS. 6" FDAC IS APPROXIMATE. CONTRACTOR TO FIELD VERIFY EX ROAD STRUCTURAL SECTION & NOTIFY CITY. CITY TO REVIEW & APPROVE FINAL AC DEPTH BEFORE INSTALLATION.
-  INSTALL VALLEY GUTTER. SEE GRADING PLAN & DETAIL CA73  
16
-  CONCRETE IMPROVEMENTS. SEE GRADING PLAN & DETAIL 9 15 15
-  EX VALLEY GUTTER

**CONSTRUCTION NOTES**

1. INSTALL 15" PVC C900 PIPE TO CONNECT NEW STORM DRAIN INLET TO NEW STORM DRAIN MANHOLE
2. INSTALL TYPE "A" STORM DRAIN INLET PER CONTRA COSTA COUNTY STANDARD DETAIL CD20  
16
3. INSTALL STORM MANHOLE, SEE DETAIL CD30  
16
4. INSTALL 15" PVC C900 PIPE TO CONNECT NEW STORM DRAIN MANHOLE TO EXISTING 15" STORM PIPE
5. CONNECT NEW STORM DRAIN MANHOLE TO EXISTING STORM PIPE

**GENERAL NOTES**

1. CONTRACTOR SHALL USE TO FIELD VERIFY DIMENSIONS, ELEVATIONS, AND LOCATION OF ALL EXISTING STRUCTURES, IMPROVEMENTS AND UNDERGROUND UTILITY LINES. KNOWN EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO NOTIFY THE ENGINEER IF ANY OF THE EXISTING STRUCTURES, IMPROVEMENTS, OR UNDERGROUND UTILITY LINES CONFLICT WITH THE PROPOSED CONSTRUCTION, AND WAIT FOR THE ENGINEER'S DECISION PRIOR TO BEGINNING OF THE WORK.
2. REFERENCE CURRENT CA MUTCD STANDARDS.

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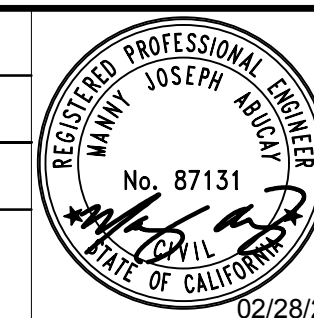
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**IMPROVEMENT PLAN -**  
**CRESTVIEW DRIVE AND WILLIAM WAY**  
PITTSBURG CALIFORNIA

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CITY ENGINEER:  
TRAFFIC ENGINEER:

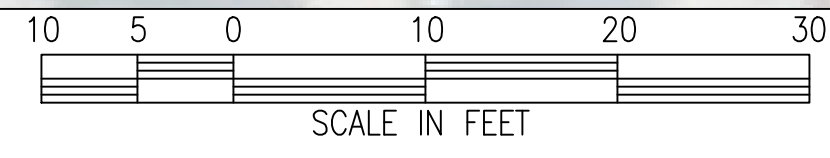
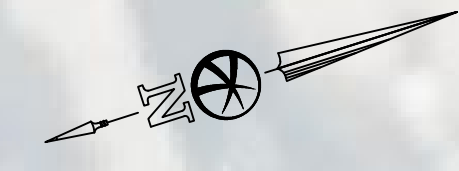
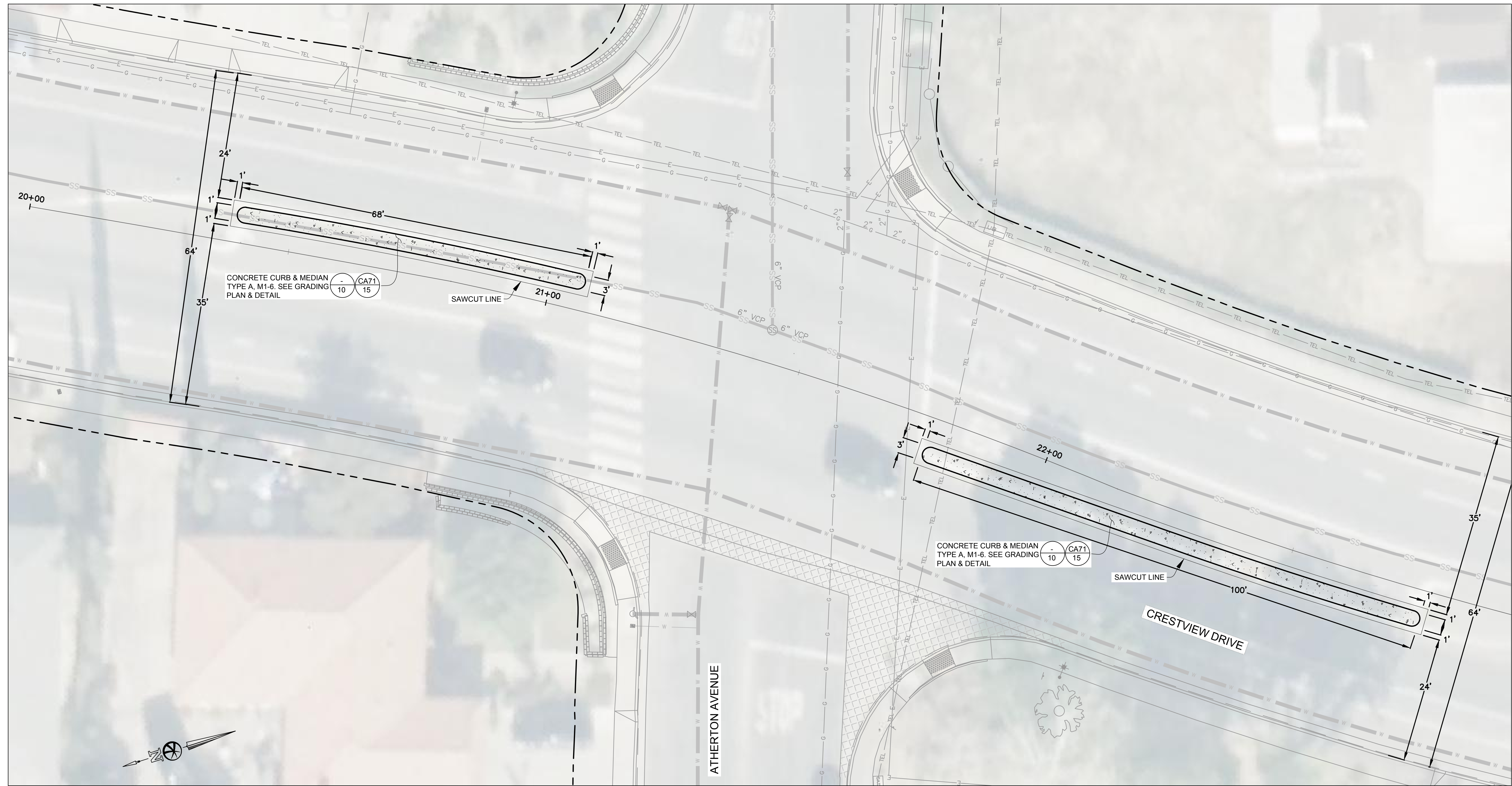


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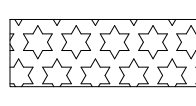
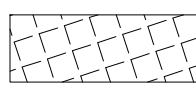
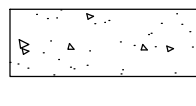

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FEBRUARY 28, 2024

SHEET  
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**LEGEND**

-  INSTALL 6" FDAC. SEE GRADES ON GRADING PLANS. 6" FDAC IS APPROXIMATE. CONTRACTOR TO FIELD VERIFY EX ROAD STRUCTURAL SECTION & NOTIFY CITY. CITY TO REVIEW & APPROVE FINAL AC DEPTH BEFORE INSTALLATION.
-  INSTALL VALLEY GUTTER. SEE GRADING PLAN & DETAIL CA73  
16
-  CONCRETE IMPROVEMENTS. SEE GRADING PLAN & DETAIL - 10 CA71  
15 2  
15
-  EX VALLEY GUTTER

**CONSTRUCTION NOTES**

1. INSTALL 15" PVC C900 PIPE TO CONNECT NEW STORM DRAIN INLET TO NEW STORM DRAIN MANHOLE
2. INSTALL TYPE "A" STORM DRAIN INLET PER CONTRA COSTA COUNTY STANDARD DETAIL CD20  
16
3. INSTALL STORM MANHOLE. SEE DETAIL CD30  
16
4. INSTALL 15" PVC C900 PIPE TO CONNECT NEW STORM DRAIN MANHOLE TO EXISTING 15" STORM PIPE
5. CONNECT NEW STORM DRAIN MANHOLE TO EXISTING STORM PIPE

**GENERAL NOTES**

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2. REFERENCE CURRENT CA MUTCD STANDARDS.



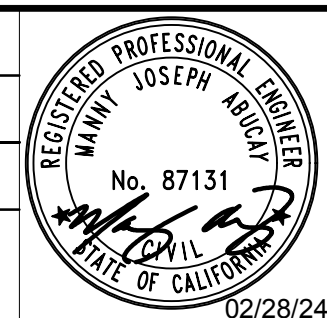
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CRESTVIEW DRIVE SAFETY IMPROVEMENTS PROJECT  
 HSIPSL-5127(040)  
**IMPROVEMENT PLAN -**  
**CRESTVIEW DRIVE AND ATHERTON AVENUE**  
 PITTSBURG CALIFORNIA

DRAWN: RB  
 CHECKED: MA  
 CITY ENGINEER:  
 TRAFFIC ENGINEER:

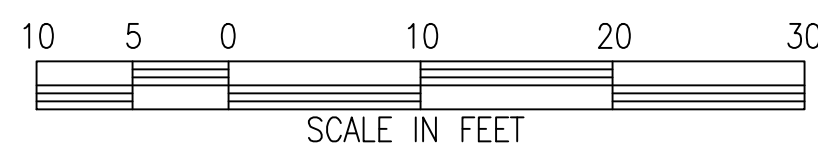
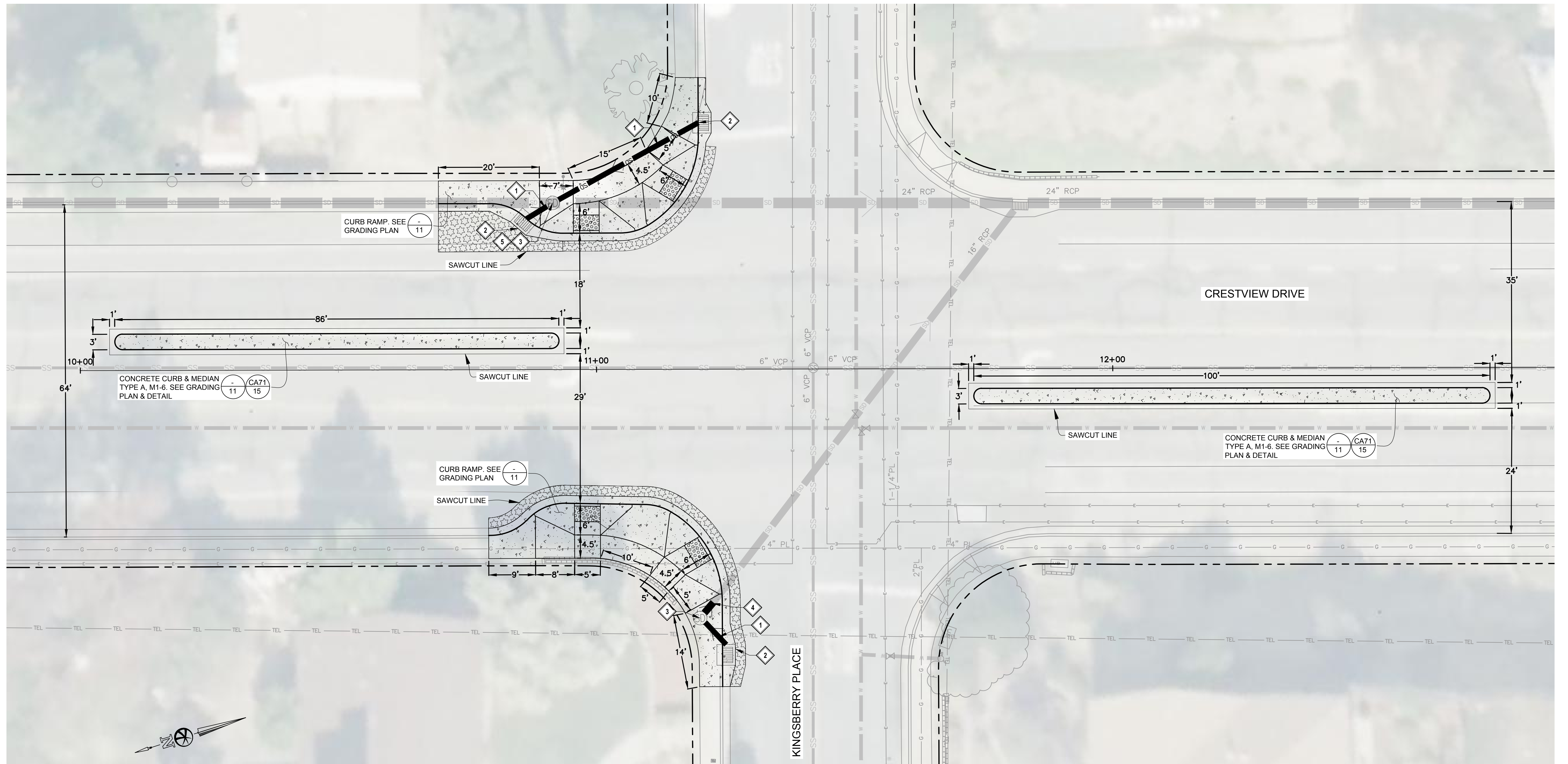


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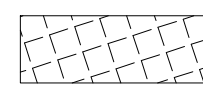
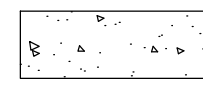

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-  EX VALLEY GUTTER

**CONSTRUCTION NOTES**

- 1 INSTALL 15" PVC C900 PIPE TO CONNECT NEW STORM DRAIN INLET TO NEW STORM DRAIN MANHOLE
- 2 INSTALL TYPE "A" STORM DRAIN INLET PER CONTRA COSTA COUNTY STANDARD DETAIL CD20  
16
- 3 INSTALL STORM MANHOLE, SEE DETAIL CD30  
16
- 4 INSTALL 15" PVC C900 PIPE TO CONNECT NEW STORM DRAIN MANHOLE TO EXISTING 15" STORM PIPE
- 5 CONNECT NEW STORM DRAIN MANHOLE TO EXISTING STORM PIPE

**GENERAL NOTES**

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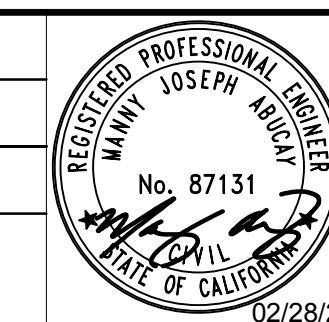
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**CRESTVIEW DRIVE AND KINGSBERRY PLACE**  
PITTSBURG CALIFORNIA

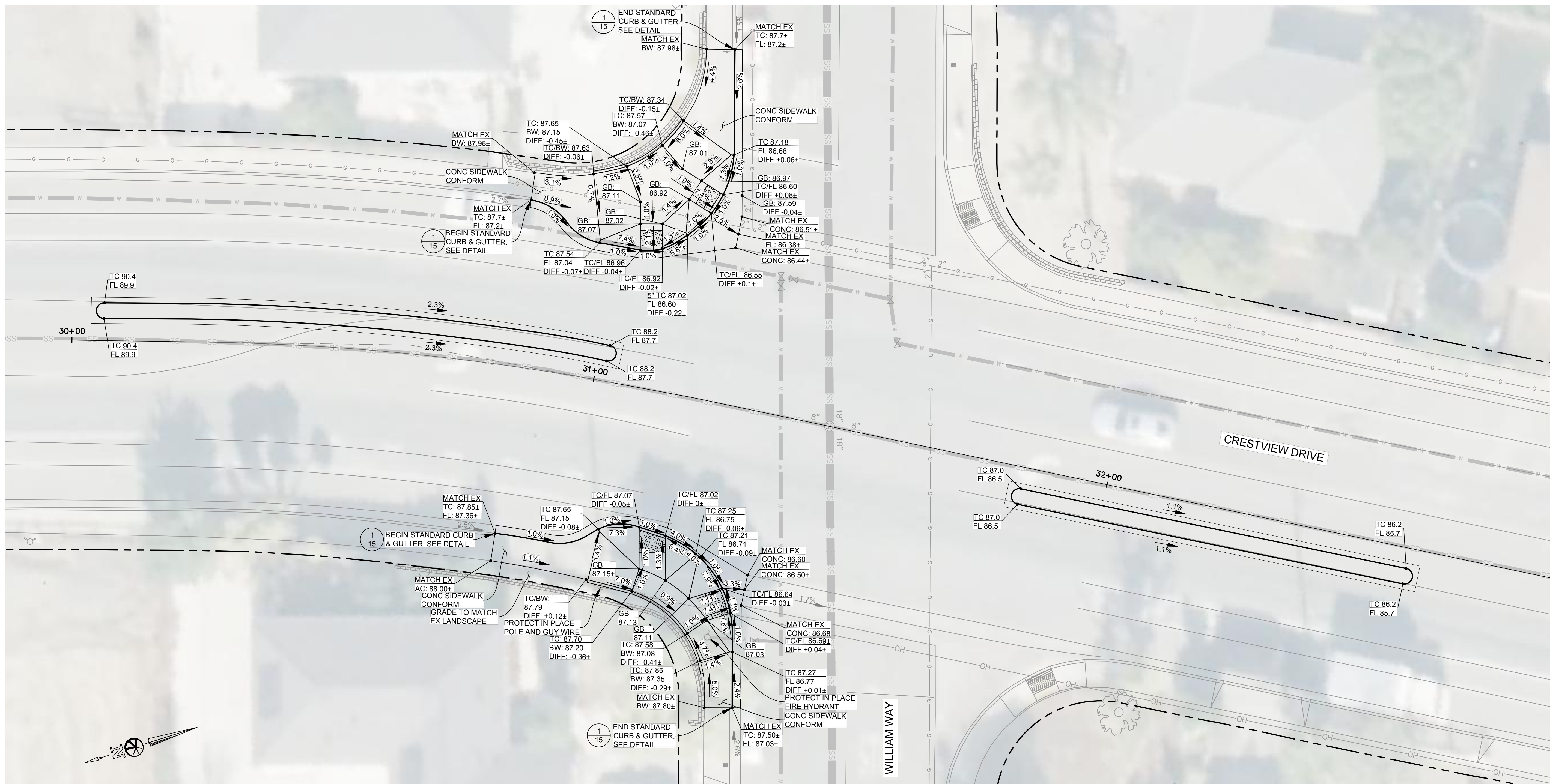
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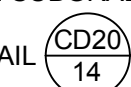
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**GENERAL NOTES:**

- FOR ALL RAMP IMPROVEMENTS, SEE CALTRANS STD PLAN A88A.
- PAINTED HOUSE NUMBER AT CURB REMOVED DUE TO RAMP IMPROVEMENTS SHALL BE REPLACED.
- FOR CURB & GUTTER DETAIL, SEE 
- FOR BULBOUT DETAILS, SEE SHEET 12
- AC PAVING IMPROVEMENTS - SAWCUT & REMOVE/EXCAVATE EXISTING AC, BASE & SUBGRADE AS NECESSARY TO MEET THE GRADES REQUIRED FOR DESIGN SUBGRADE.
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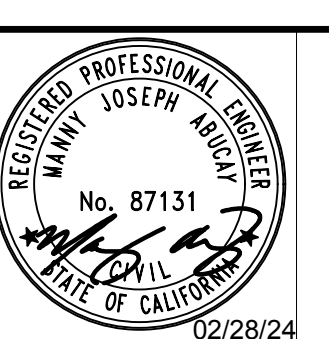
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**CRESTVIEW DRIVE AND WILLIAM WAY**  
 PITTSBURG CALIFORNIA

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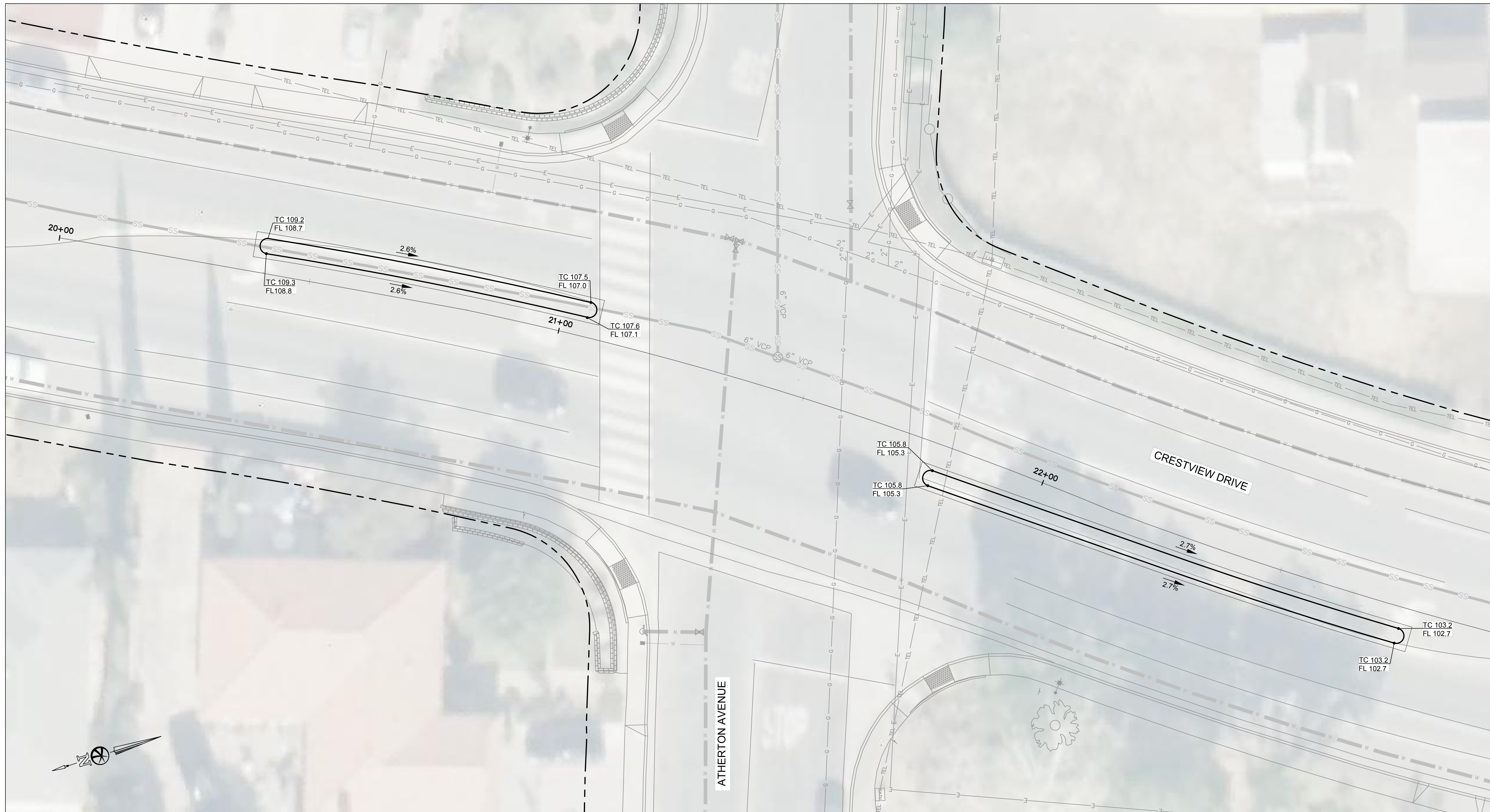


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

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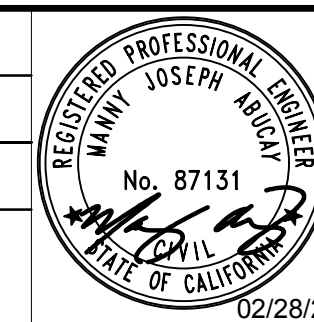
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 PITTSBURG CALIFORNIA

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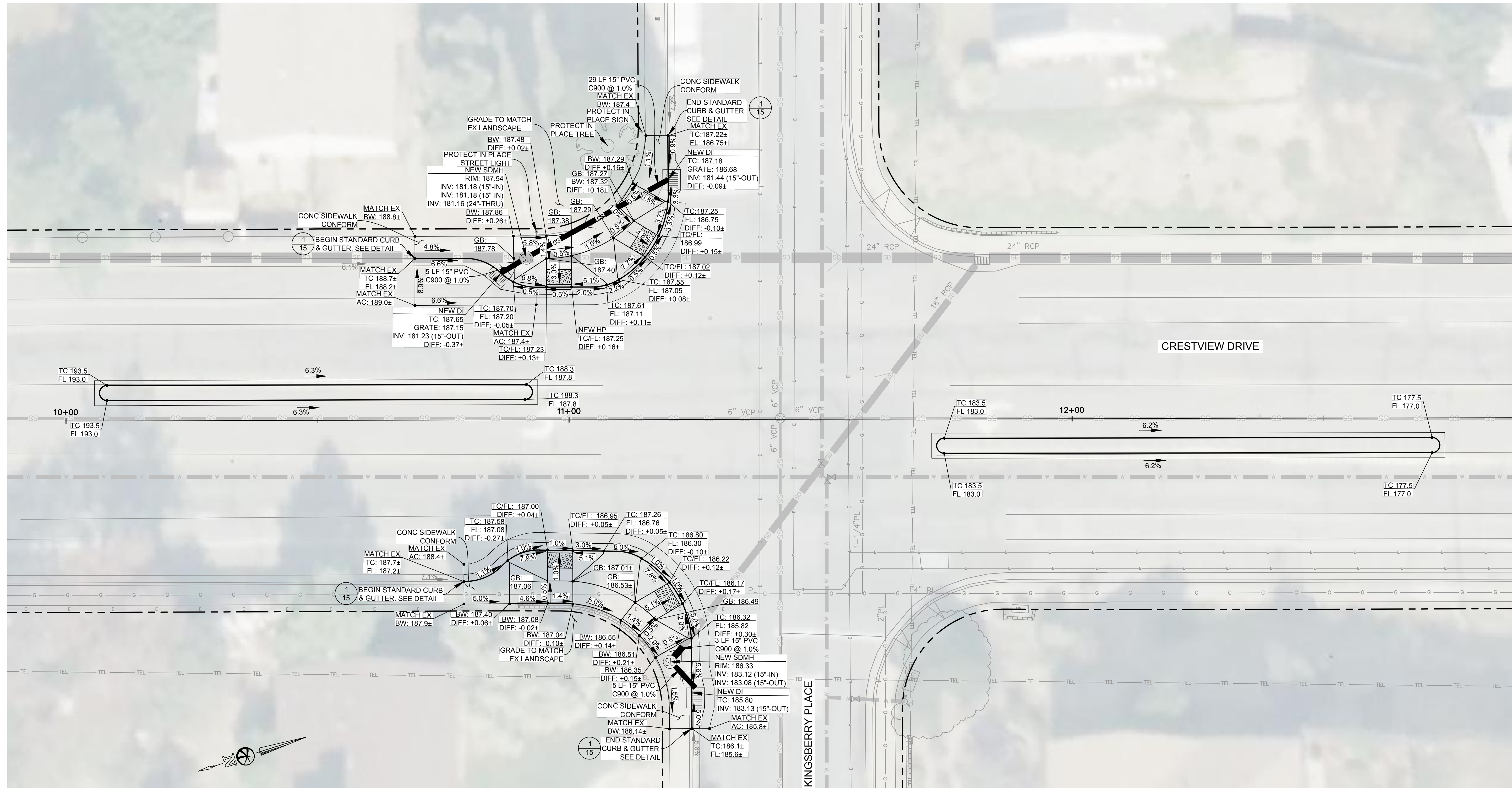


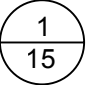

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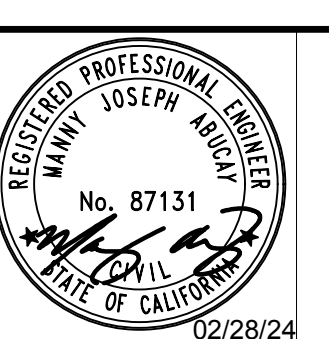
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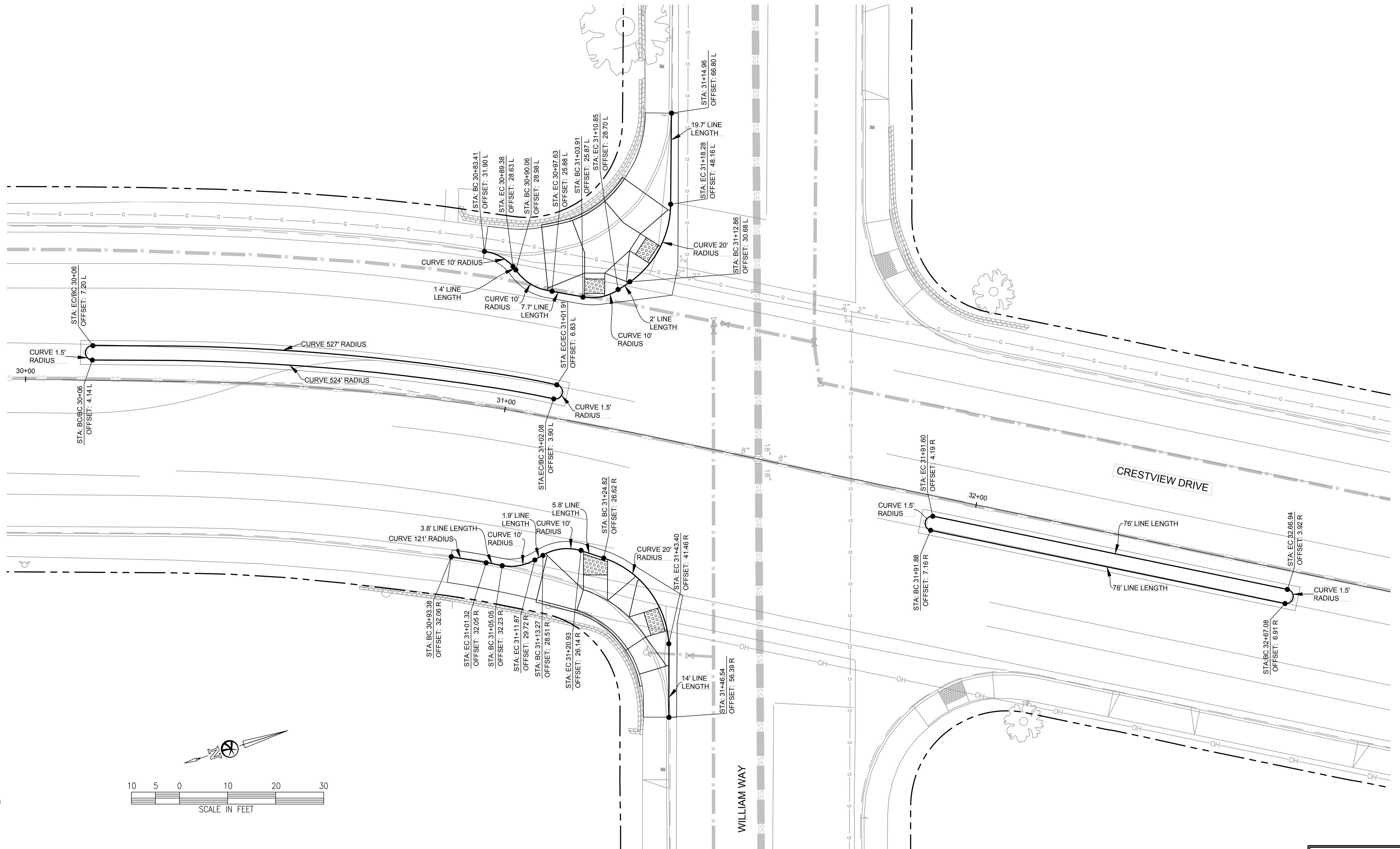
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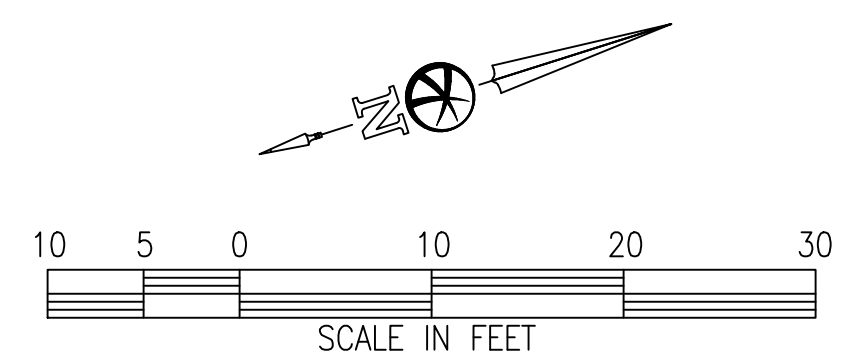




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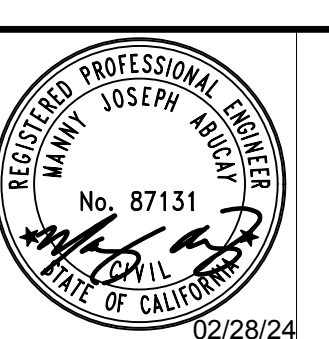
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**HORIZONTAL CONTROL PLAN -  
CRESTVIEW DRIVE AND WILLIAM WAY**  
PITTSBURG CALIFORNIA

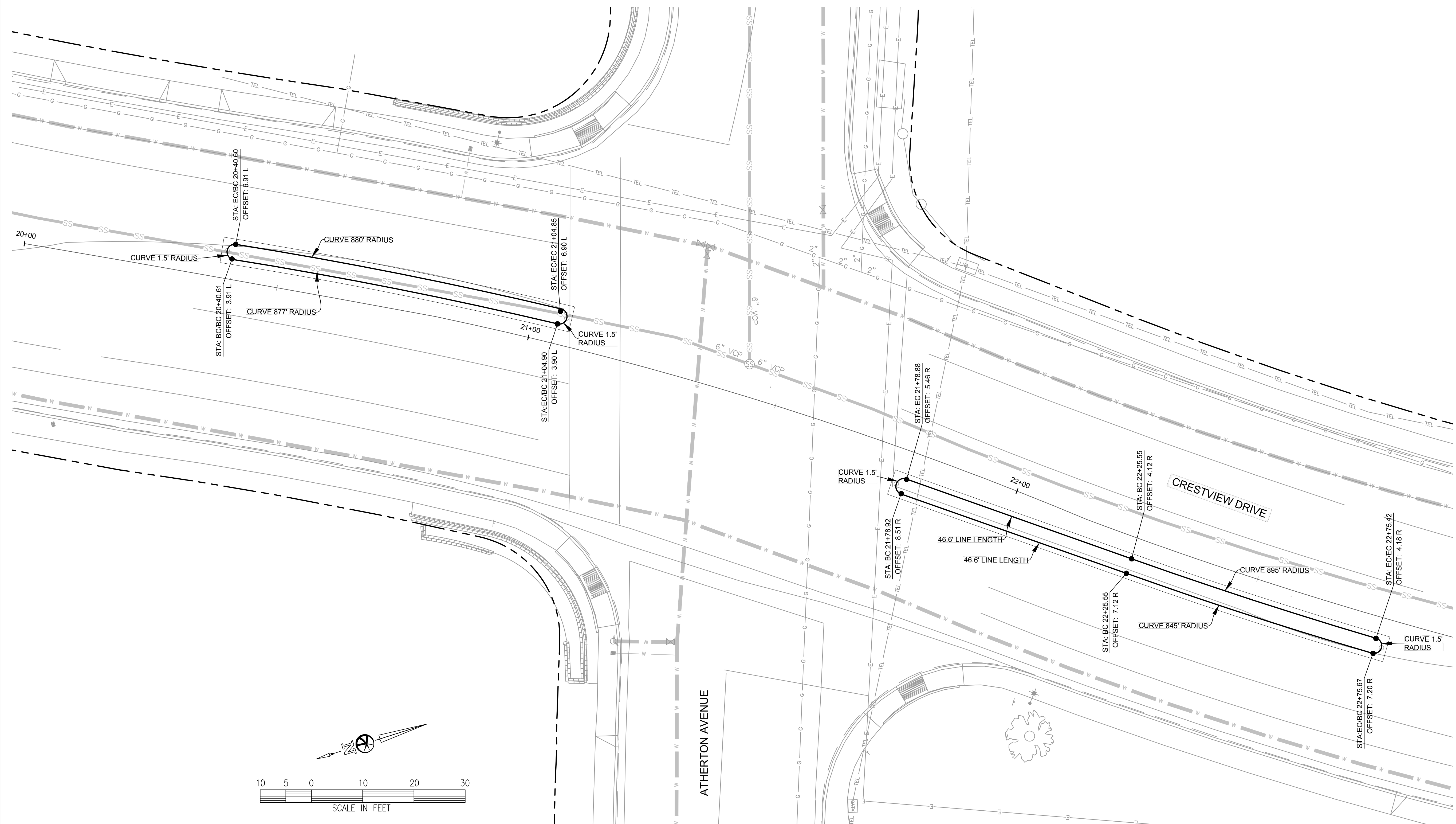
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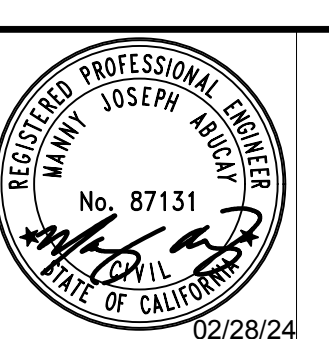
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 PITTSBURG CALIFORNIA

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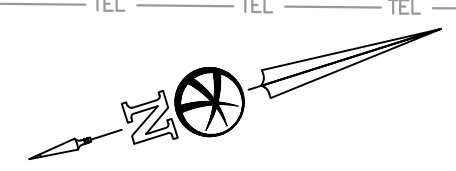
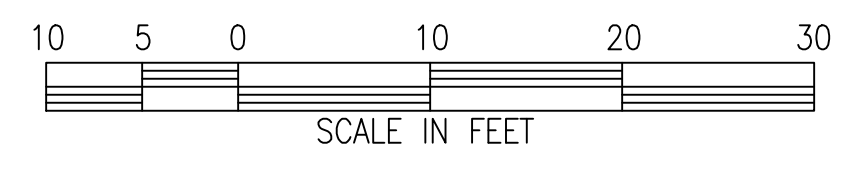
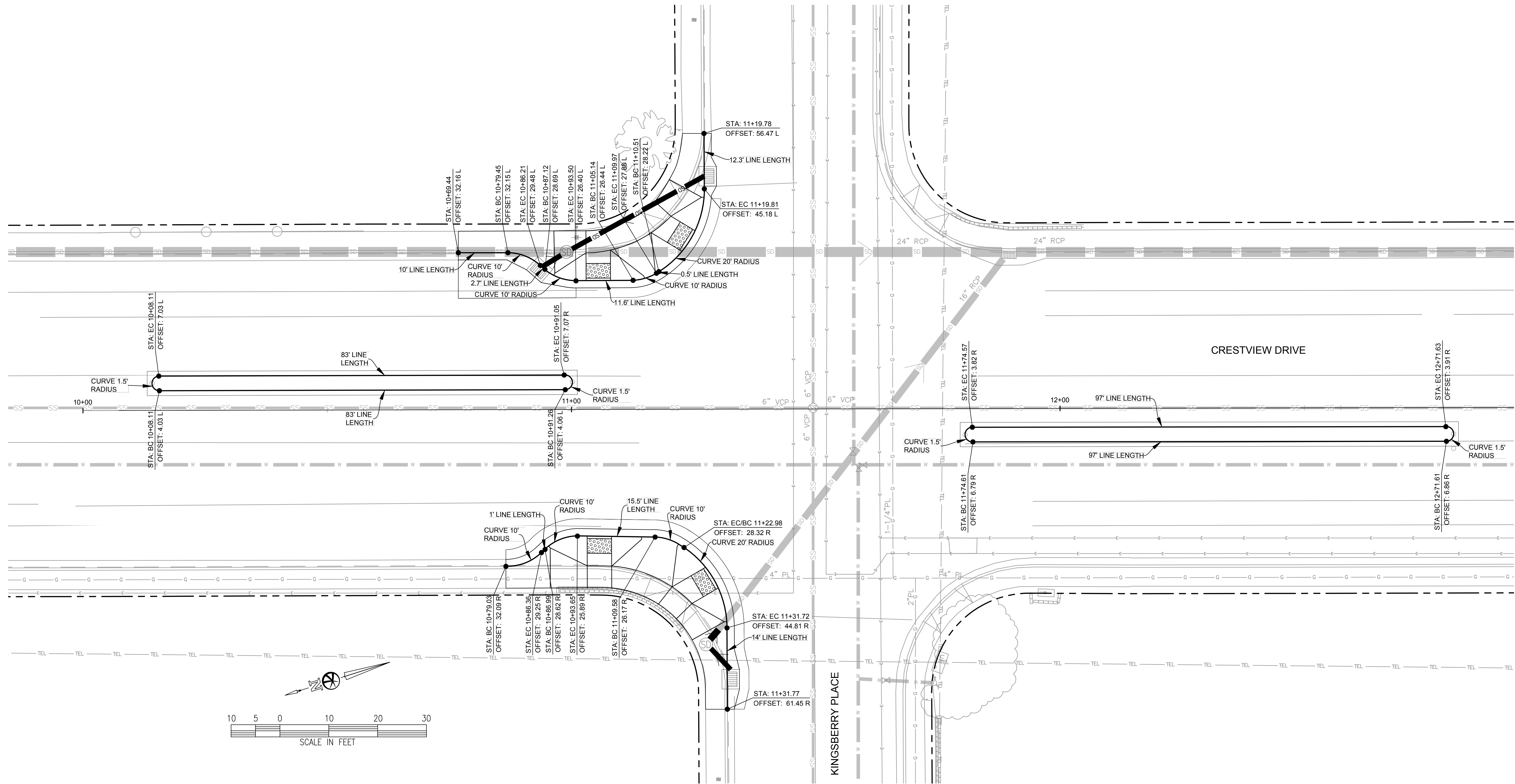


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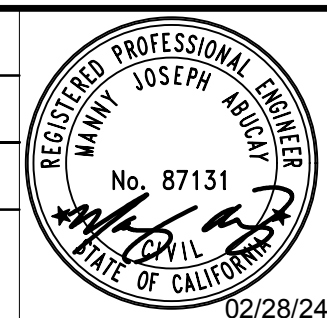
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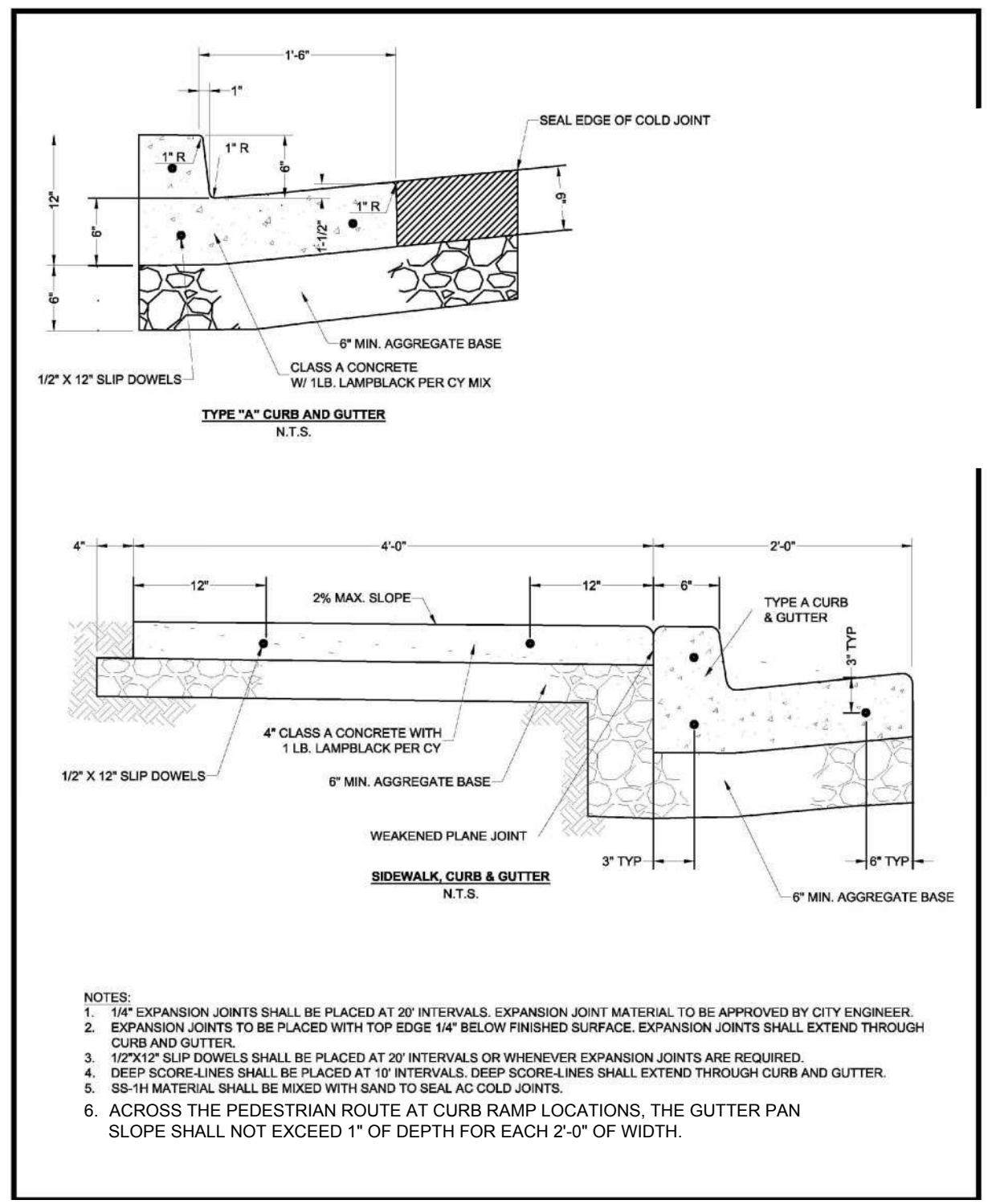
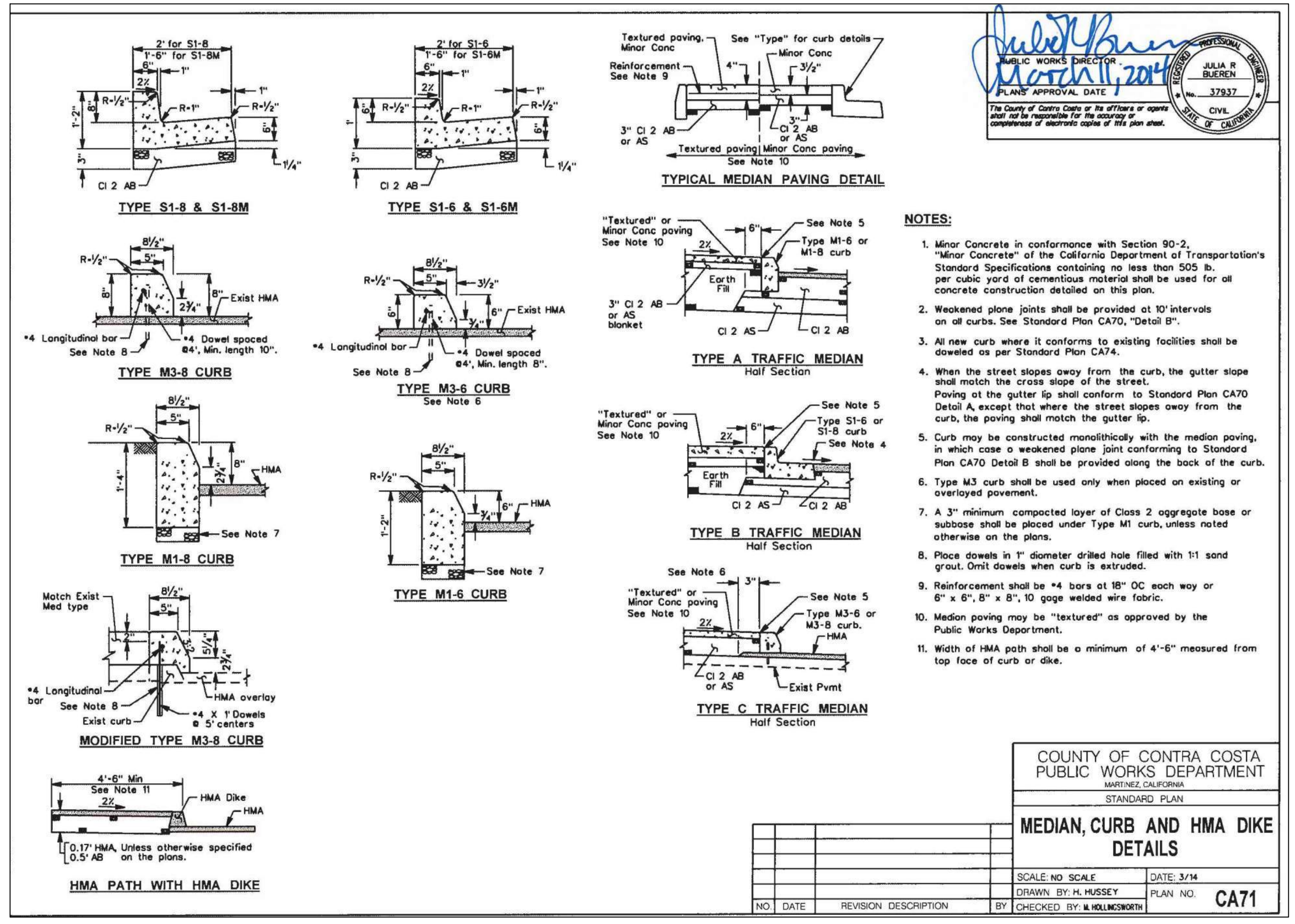


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**CONCRETE DEMO & COMPACTION:**

- ALL CONCRETE DEMOLITION SHALL BE TO SCORE LINES OR JOINTS. ALL CUTS SHALL BE SAWS NEAT AND STRAIGHT AND SHALL HAVE A MINIMUM OF 4" DEPTH OR AS NEEDED TO ASSURE A CLEAN BREAK.
- NO SECTION TO BE REPLACED SHALL BE SMALLER THAN THIRTY (30) INCHES IN EITHER LENGTH OR WIDTH. IF THE SAW CUT IN SIDEWALK WOULD FALL WITHIN THIRTY (30) INCHES OF A CONSTRUCTION JOINT, EXPANSION JOINT, COLD JOINT, OR EDGE, THE CONCRETE SHALL BE REMOVED TO THE JOINT OR EDGE. ALL SAW CUT RESIDUE SHALL BE VACUUMED CONCURRENTLY WITH SAWING OPERATION.
- AGGREGATE BASE (AB) SHALL BE CRUSHED AB OR CRUSHED MISCELLANEOUS BASE AND SHALL BE COMPACTED TO NOT LESS THAN 95% RELATIVE COMPACTION, AS TESTED BY CITY APPROVED LAB AT CONTRACTOR'S EXPENSE. NEW IMPORTED FULL DEPTH AB SHALL BE PLACED UNDER ALL NEW OR REPLACEMENT CURB, GUTTER, SIDEWALK AND DRIVEWAY.

**CONCRETE MIX & POUR:**

- CONCRETE SHALL BE 6 SACK, ONE INCH MAXIMUM AGGREGATE, 5" MAXIMUM SLUMP, 2,500 PSI MINIMUM. CONCRETE FOR CURB, GUTTER, SIDEWALK AND DRIVEWAY SHALL CONTAIN ONE (1) POUND OF LAMPBLACK PER CU. YD. ADDED & MIXED.

**JOINT, SCORE-LINE & DOWEL LAYOUT:**

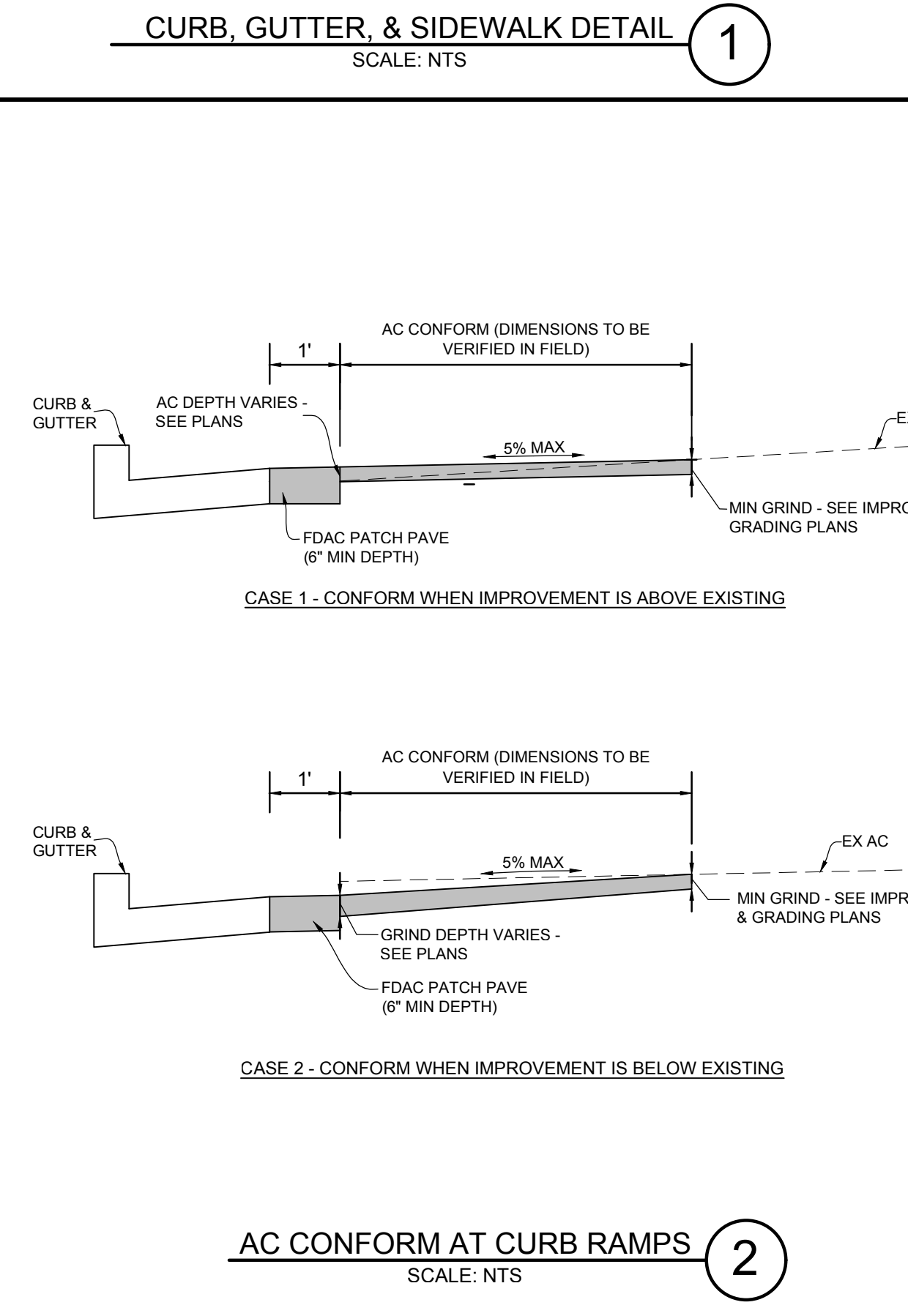
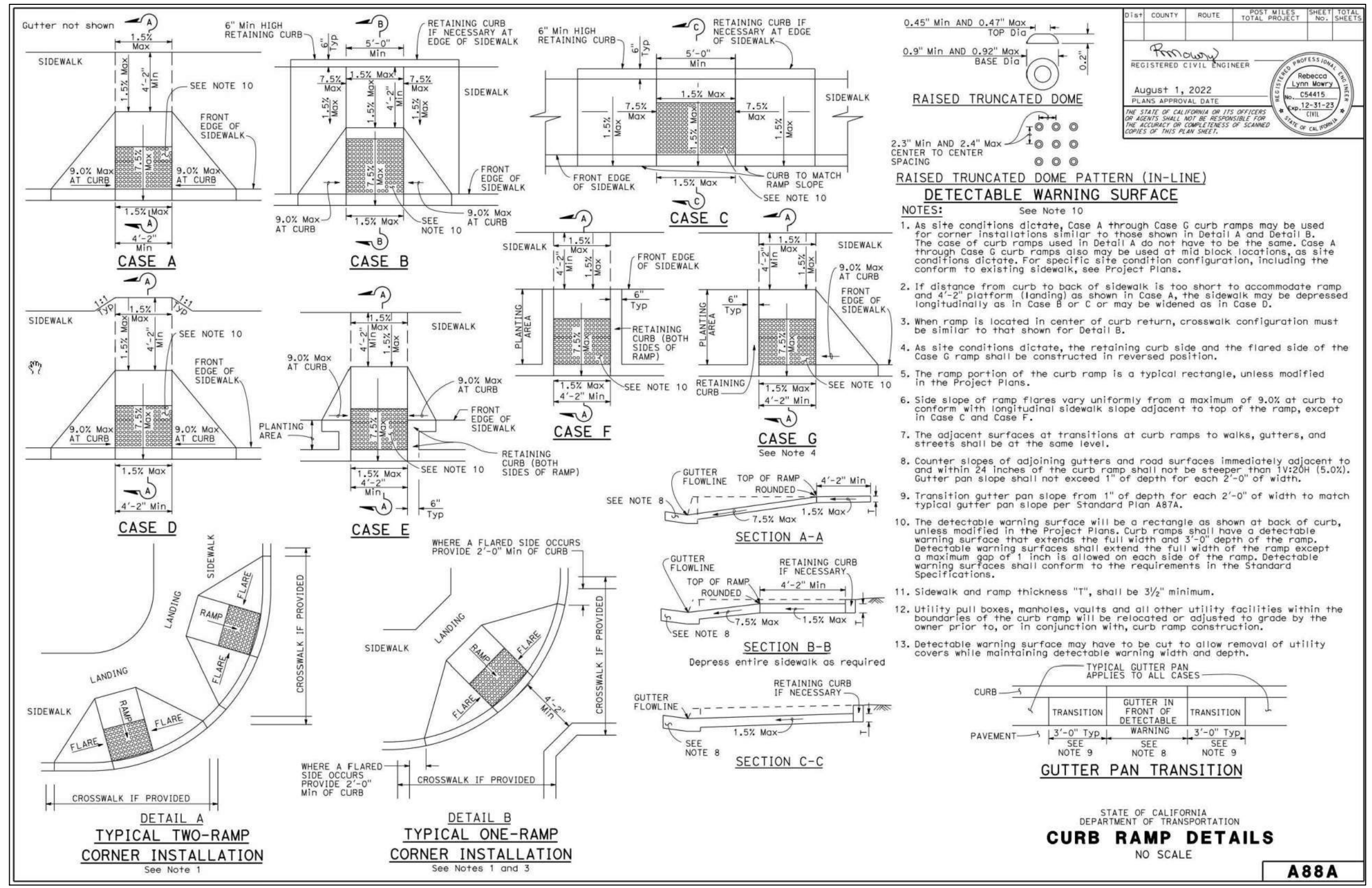
- 1/2" EXPANSION JOINTS SHALL BE PLACED AT 20' INTERVALS, AT CURB RETURNS, AND AT EDGES OF DRIVEWAY APRONS. WEAKENED-PLANE JOINTS (2" DEEP FOR 4" THICK SIDEWALKS, 3" DEEP FOR 6" THICK DRIVEWAYS, AND 4" DEEP FOR 8" THICK DRIVEWAYS) SHALL BE SPACED AT 10' NOMINAL INTERVALS.
- SIDEWALKS SHALL BE SCORE MARKED 2'-6" NOMINAL INTERVALS BOTH WAYS OR MATCH EXISTING AND A CONTINUOUS SCORE MARK SIX (6") INCHES BEHIND FACE OF CURB.
- ALL PCC IMPROVEMENTS SHALL BE DOWELED TO ADJACENT PCC IMPROVEMENTS USING 12" LONG SLIP-DOWELS OR #4 REBAR NO MORE THAN TWENTY-INCHES (20") FROM THE EDGES. FOR SIDEWALK, CURB AND/OR GUTTER EXCAVATIONS THAT EXCEED TWENTY-FOOT (20') INTERVALS, DOWELS WILL BE PLACED AT TWENTY-FOOT (20') INTERVALS. DRILL FOR DRIVE TIGHT FIT OR EPOXY IN PLACE.

**CONCRETE CURB & GUTTER:**

- THE TYPICAL CITY STANDARD CURB HEIGHT IS 6 INCHES AND THE TYPICAL CITY GUTTER WIDTH IS EIGHTEEN (18) INCHES. HOWEVER, EXISTING CURB HEIGHTS (3" TO 9") AND GUTTER WIDTHS (12" TO 24") SHALL BE MATCHED IN KIND WHEN DIRECTED BY THE CITY ENGINEER.

**CONCRETE & AC FINISH:**

- EXPOSED SURFACES OF SIDEWALK, DRIVEWAY, CURB AND GUTTER SHALL BE STEEL TROWELED FOLLOWED BY A MEDIUM BROOM FINISH. EXISTING DECORATIVE FINISHES SHALL BE APPROVED BY THE CITY ENGINEER PRIOR TO EXCAVATION.
- EXCEPT AS SHOWN, ALL EXPOSED EDGES, INCLUDING AT WEAKENED-PLANE JOINTS, SHALL BE TOOLED TO 1/4" RADIUS.
- ALL CONCRETE SHALL BE CURED BY KEEPING CONTINUOUSLY MOIST FOR THREE DAYS AFTER POURING EITHER BY SPRINKLING, COVERING WITH A WATERPROOF MEMBRANE, OR APPLYING TYPE 1 CONCRETE CURING COMPOUND.
- FOR EXISTING AC OVER-LAYED GUTTER, FLOW LINE OF NEW CONCRETE GUTTER SHALL MATCH EXISTING CONCRETE GUTTER FLOW LINE. CURB LIP AT DRIVEWAYS SHALL BE INCREASED TO 3" HIGHER THAN AC OVERLAY.
- A MINIMUM ONE (1) FOOT WIDE FULL DEPTH AC STREET STRUCTURAL SECTION SHALL BE PLACED ADJACENT TO THE GUTTER LIP. THE AC SECTION SHALL BE A MINIMUM OF 6" DEEP OR 1" THICKER THAN EXISTING AC, WHICH EVER IS GREATER.
- DRIVEWAY APPROACHES, AND CURB AND GUTTER POURS SHALL BE MONOLITHICALLY. CURB AND GUTTER SHALL BE POURED SEPARATELY FROM SIDEWALK.



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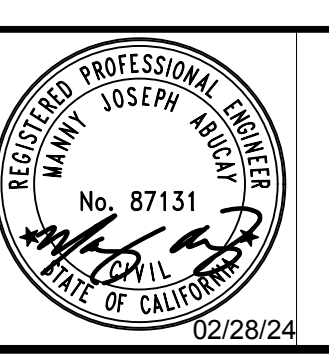
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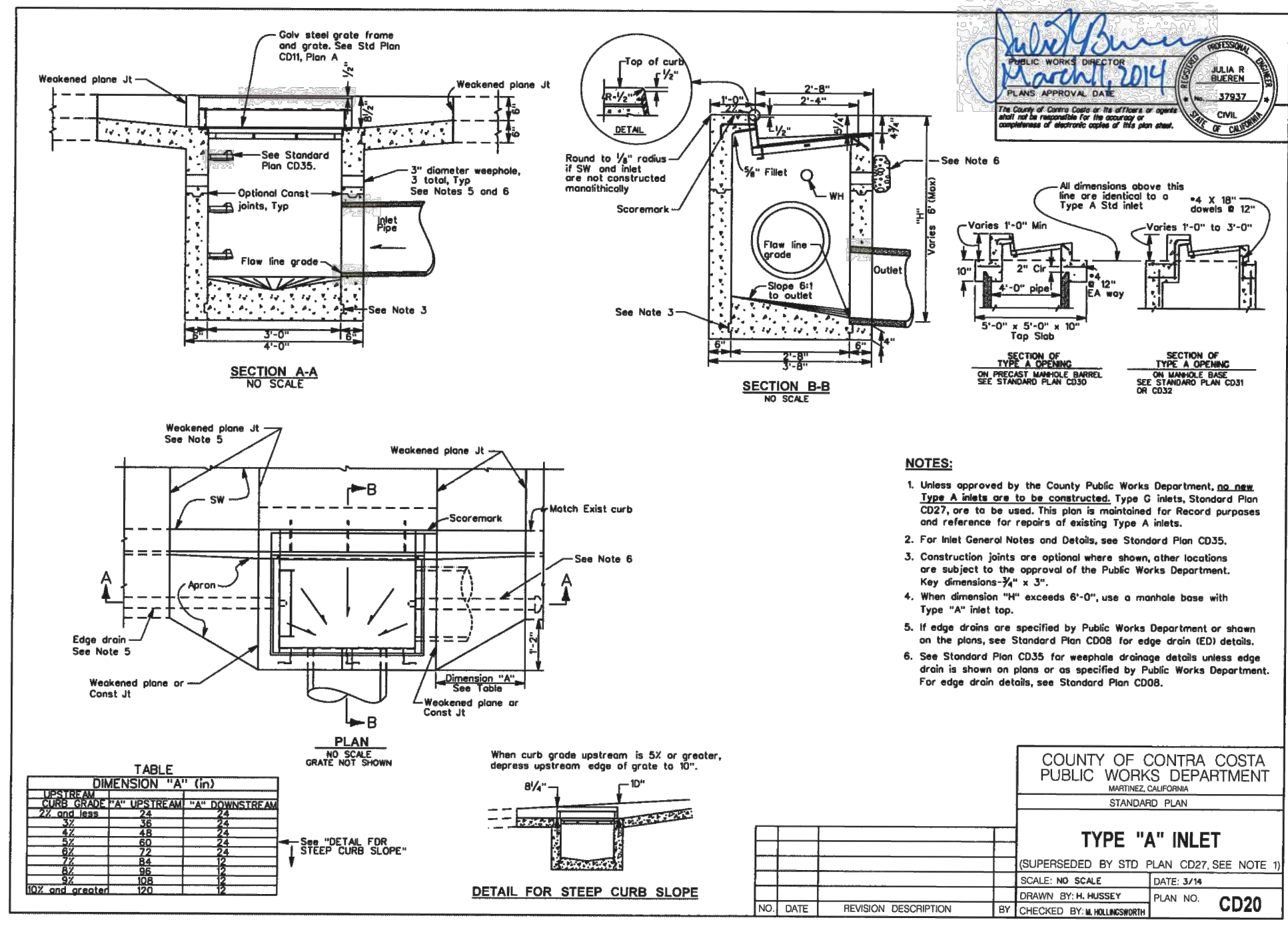
CRESTVIEW DRIVE SAFETY IMPROVEMENTS PROJECT  
HSIPSL-5127(040)  
**CIVIL DETAILS**  
PITTSBURG CALIFORNIA

DRAWN: RB  
CHECKED: MA  
CITY ENGINEER:  
TRAFFIC ENGINEER:

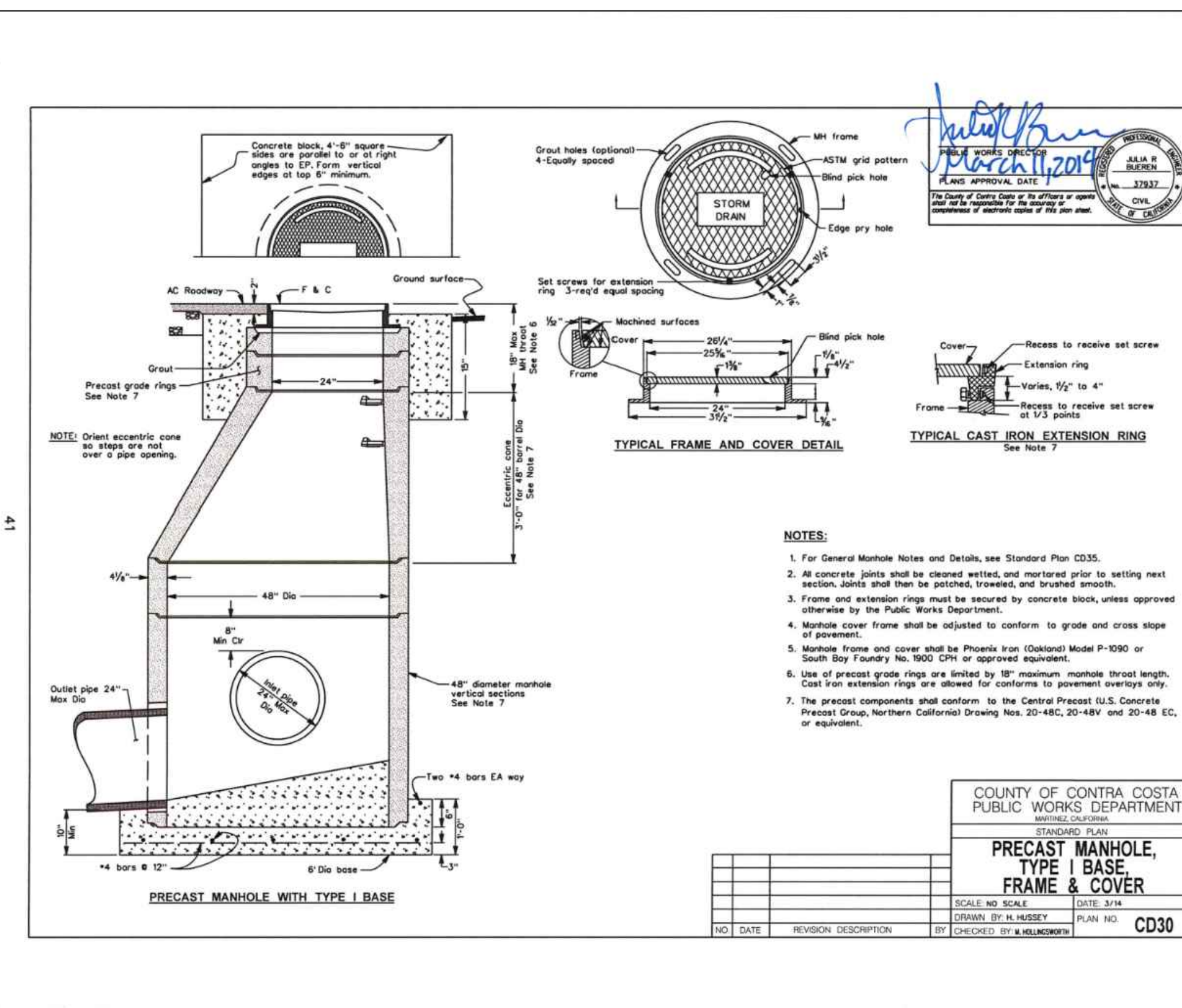
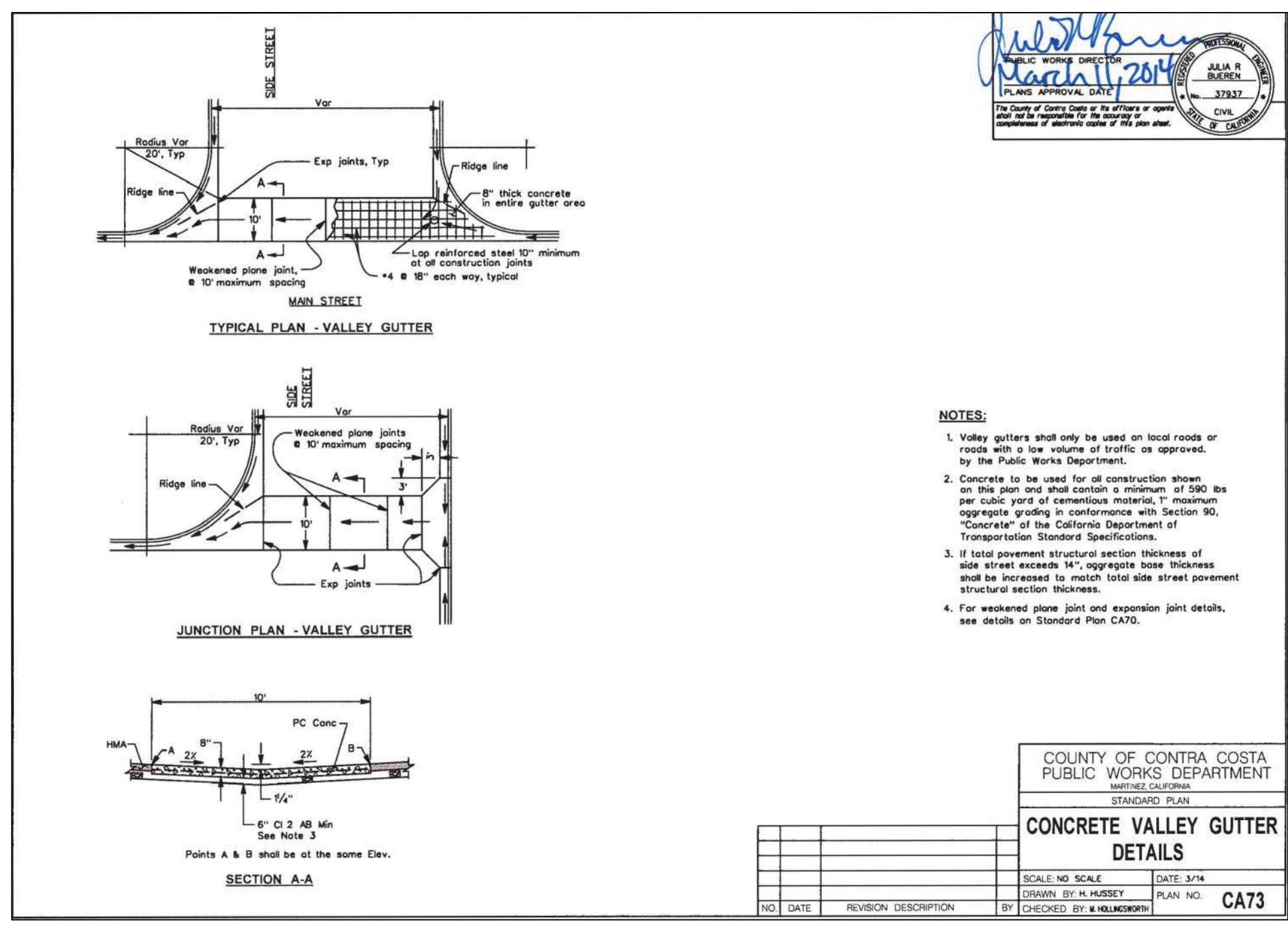


DATE: FEBRUARY 2024  
SCALE: AS SHOWN  
FILE NAME: 220082  
SHEET 15 OF 23





STD. PLAN CD20



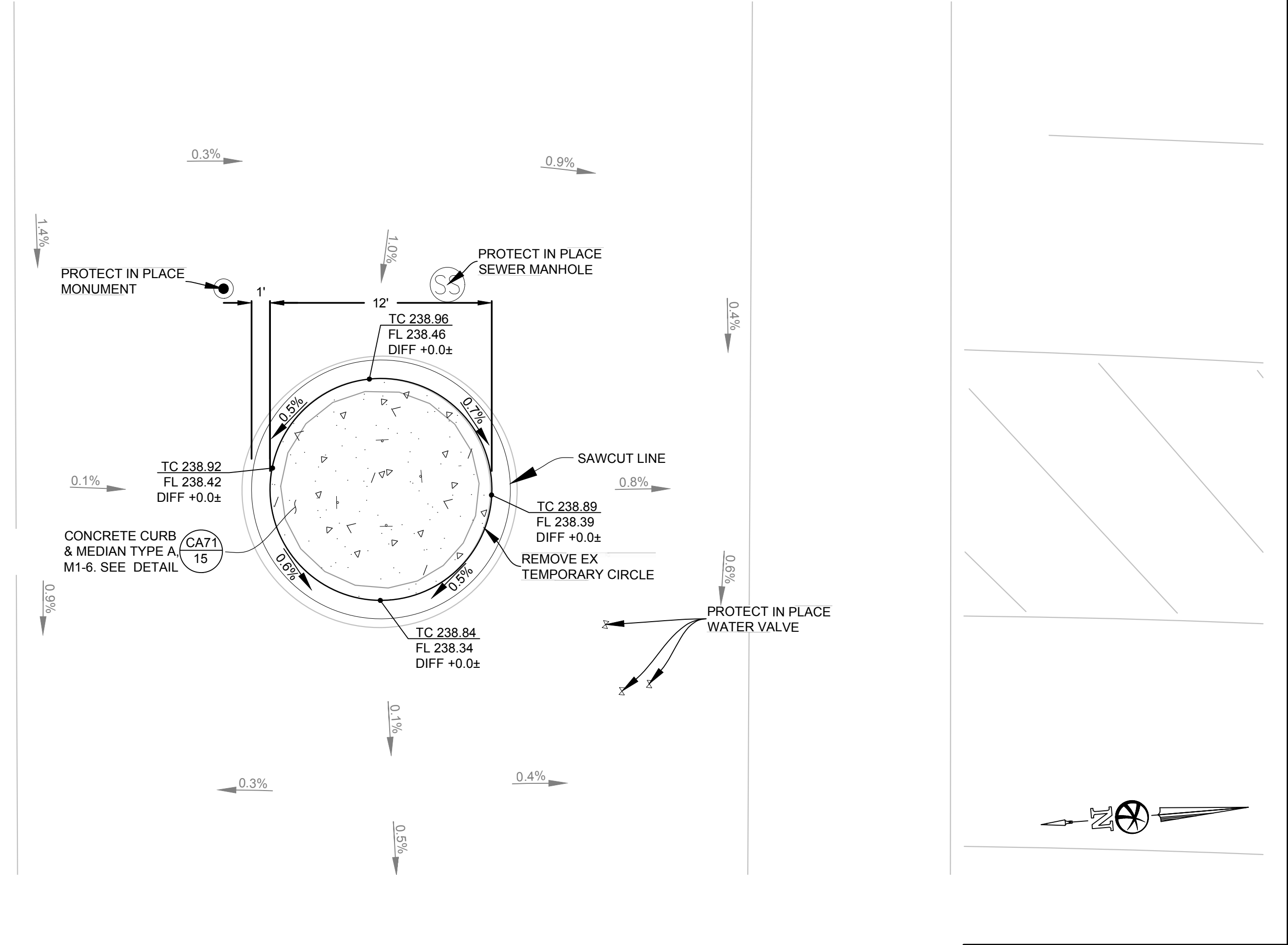
STD. PLAN CD30

Call Two Working Days Before You Dig!

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**LEGEND**

SAWCUT & REMOVE AC PAVEMENT (INCLUDING PAVEMENT MARKINGS & STRIPING), BASE, & SUBSOIL. EXCAVATE AS NECESSARY TO MEET THE GRADES REQUIRED FOR DESIGN SUBGRADE. INSTALL CONCRETE IMPROVEMENTS



REV.	DATE	DESCRIPTION

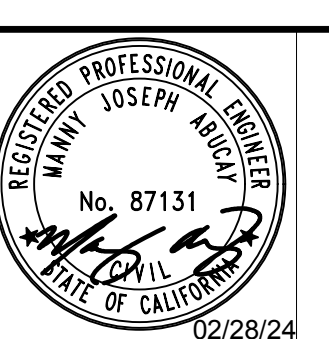
City of Pittsburg  
Public Works Engineering Department  
65 Civic Avenue  
Pittsburg, CA 94565  
Tel: (925) 252-4930  
http://www.ci.pittsburg.ca.us/

CRESTVIEW DRIVE SAFETY IMPROVEMENTS PROJECT  
HSIPSL-5127(040)

**CIVIL DETAILS**

PITTSBURG CALIFORNIA

DRAWN: RB  
CHECKED: MA  
CITY ENGINEER:  
TRAFFIC ENGINEER:



**BID SUBMITTAL**  
FEBRUARY 28, 2024

DATE: FEBRUARY 2024  
SCALE: AS SHOWN  
FILE NAME: 220082

SHEET  
16 OF 23

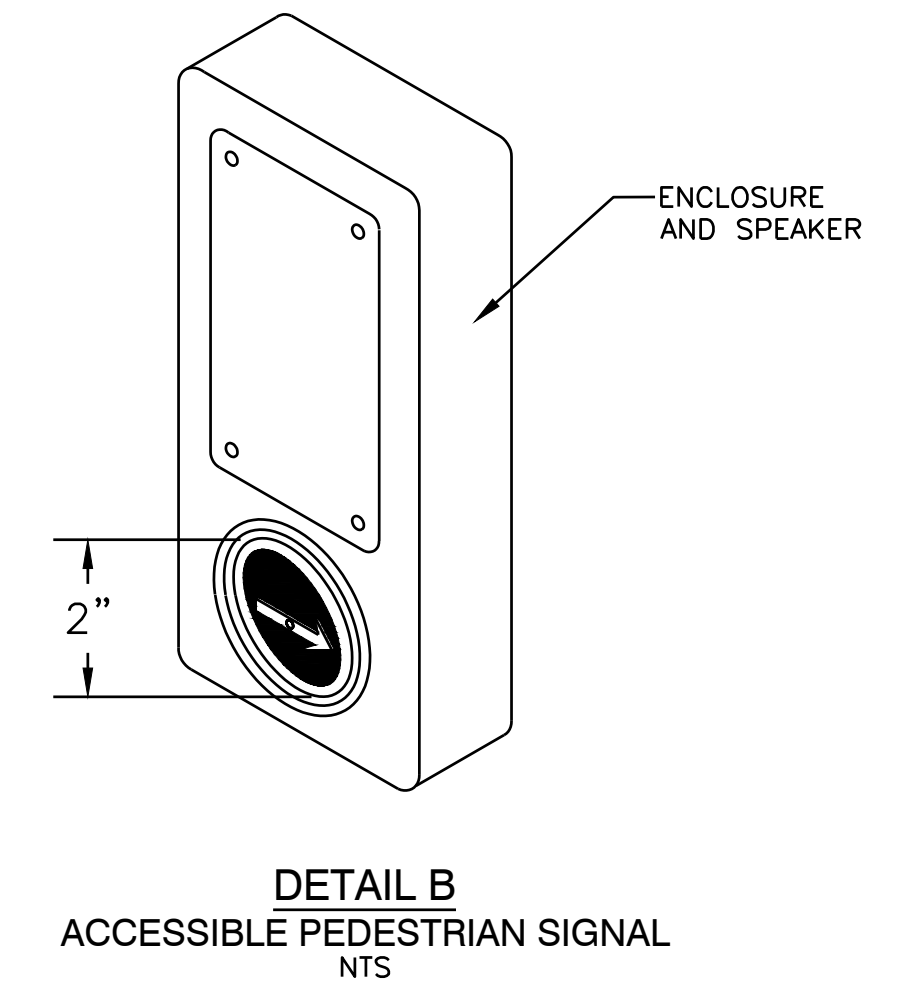
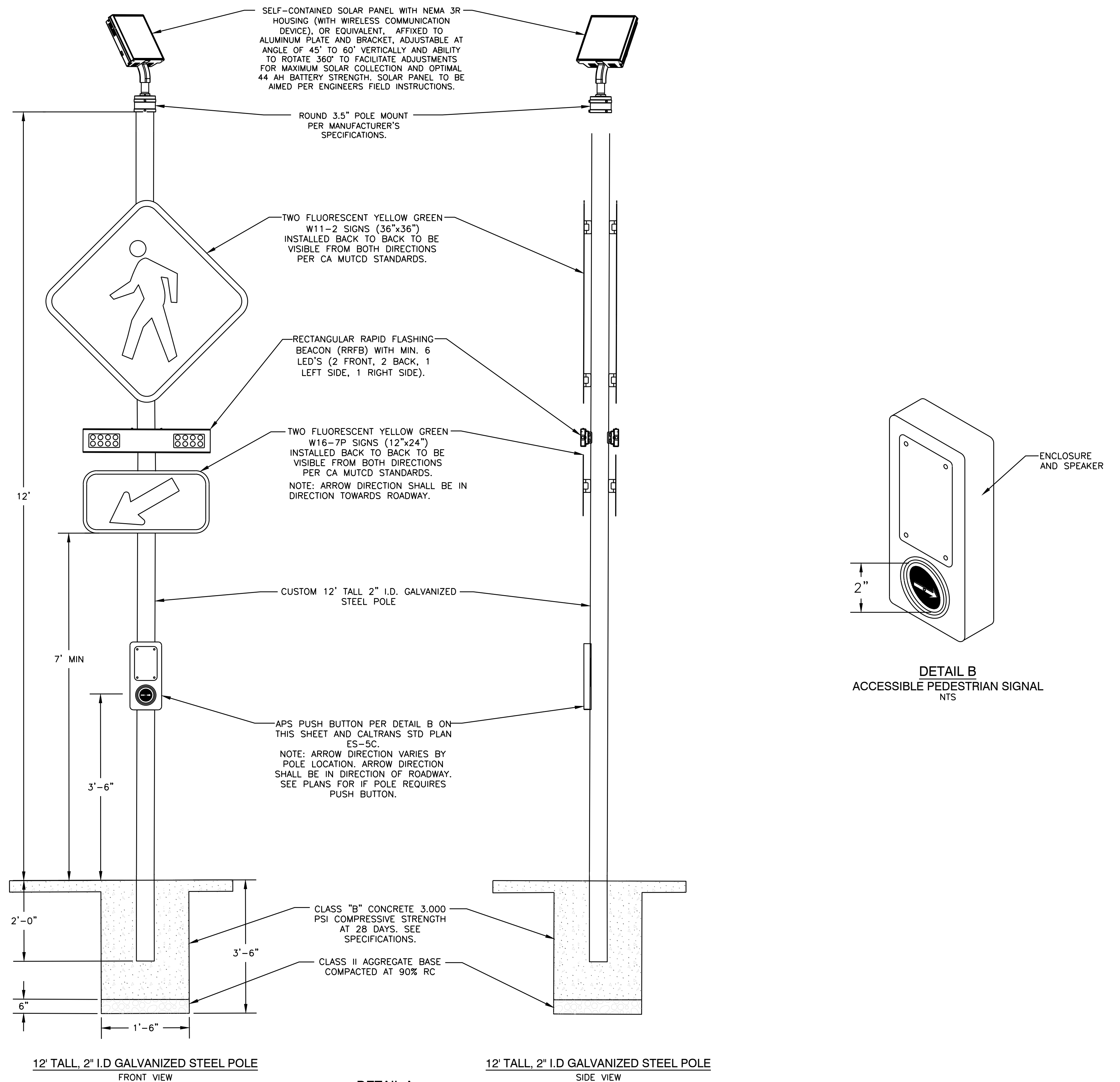


**SIGNING AND STRIPING GENERAL NOTES:**

1. WORK ON THESE PLANS SHALL CONFORM TO THE 2023 EDITION OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS, STANDARD PLANS AND REVISIONS, THE LATEST MUTCD CALIFORNIA SUPPLEMENT AND THE SPECIAL PROVISIONS AND CITY STANDARD DETAILS AND SPECIFICATIONS.
2. ALL EXISTING STRIPING THAT ARE IN CONFLICT WITH PROPOSED STRIPING SHALL BE REMOVED.
3. ALL EXISTING STRIPING, MARKINGS, AND PAVEMENT MARKERS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED IN KIND, UNLESS OTHERWISE SHOWN THE PLAN.
4. CONTRACTOR SHALL SUBMIT TRAFFIC HANDLING PLANS AND BICYCLE ACCESS PLANS FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION.
5. ALL PAVEMENT MARKINGS AND STRIPING SHALL BE THERMOPLASTIC.
6. LOCATIONS OF POLES, SIGNS, AND OTHER EQUIPMENT ARE APPROXIMATE AND WILL BE LOCATED IN THE FIELD AS DIRECTED BY THE ENGINEER.
7. PLANS ARE ACCURATE FOR SIGNING, STRIPING, AND ELECTRICAL WORK ONLY.
8. THE CONTRACTOR IS REQUIRED TO ASCERTAIN THE EXACT LOCATION OF UNDERGROUND FACILITIES PRIOR TO DOING WORK THAT MAY DAMAGE OR INTERFERE WITH SUCH FACILITIES. THE CONTRACTOR SHALL CALL UNDERGROUND SERVICE ALERT (USA) AT (800) 422-4133, 48 HOURS PRIOR TO CONSTRUCTION.
9. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY UTILITY PERMITS AND NOTIFY ALL UTILITY COMPANIES A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL PHASES OF CONSTRUCTION WITH THE VARIOUS UTILITY COMPANIES INVOLVED. CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COMPANY SERVICE FEES.
10. ALL EXISTING IMPROVEMENTS MATERIALS, AND PLANT MATERIAL SHALL REMAIN WITHIN THE CONSTRUCTION AREA AND SHALL BE PROPERLY AND ADEQUATELY PROTECTED FROM DAMAGE DURING CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RESTORE TO THE ORIGINAL CONDITION OR REPLACE IN KIND ANY OF THESE EXISTING ITEMS THAT ARE DAMAGED OR DISTURBED IN ANY WAY AT CONTRACTOR'S EXPENSE.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING RECORD DRAWINGS FOR ALL WORK THROUGHOUT THE COURSE OF CONSTRUCTION AND SHALL PRESENT SUCH DRAWINGS TO THE CITY ENGINEER FOR INSPECTION UPON DEMAND. NO RECORD DRAWINGS SHALL BE MORE THAN 24 HOURS OUT OF DATE. FINAL AS-BUILT DRAWINGS SHALL BE SUBMITTED IN CAD, PDF, AND GIS SHAPEFILE FORMATS PER SPECIFICATIONS.
12. CONTRACTOR IS TO COORDINATE ALL WORK WITH THE CITY ENGINEER PRIOR TO AND DURING WORK.
13. ALL WORK SHOWN AS PROPOSED IN THIS PROJECT SHALL INDICATE "FURNISH AND INSTALL UNLESS OTHERWISE NOTED."
14. CONTRACTOR TO SALVAGE AND DELIVER ALL OF THE EQUIPMENT TO THE CITY OF PITTSBURG CORPORATION YARD.
15. CONTRACTOR SHALL OBTAIN APPROVAL FROM BOTH THE CITY ENGINEER AND MANUFACTURER FOR SOLAR PANEL ORIENTATION.
16. ALL STRIPING DETAILS SHALL MEET CALTRANS REQUIREMENTS.

**PROJECT NOTES:**

1. INSTALL THERMOPLASTIC TYPE IV(L) ARROW PER CALTRANS STD PLAN A24A.
2. INSTALL THERMOPLASTIC PAVEMENT MARKING LEGEND PER CALTRANS STD PLAN A24D.
3. FURNISH AND INSTALL NEW SIGN ON EXISTING STREET LIGHT POLE.
4. INSTALL 12" WIDE THERMOPLASTIC LIMIT LINE PAVEMENT MARKING PER CITY OF PITTSBURG STANDARD DETAIL T-3.
5. INSTALL 12" WHITE WIDE THERMOPLASTIC CROSSWALK STRIPING AT 11' O.C PER CALTRANS STD PLANS.
6. INSTALL THERMOPLASTIC CONTINENTAL CROSSWALK PER CITY OF PITTSBURG STANDARD DETAIL T-13.
7. INSTALL THERMOPLASTIC BICYCLE MARKING AND BIKE LANE ARROW PER CALTRANS STD PLANS A24A & A24C.
8. INSTALL RED CURB PAINT.
9. INSTALL YELLOW REFLECTIVE PAVEMENT MARKERS PER DETAIL A ON SHEET 19.
10. FURNISH AND INSTALL NEW SIGN ON NEW POST.
11. INSTALL R1-3P BELOW EXISTING R1-1 SIGN ON EXISTING POST. ADJUST SIGNS AS NECESSARY TO MEET 7-FOOT CLEARANCE TO WALKING SURFACE.
12. FURNISH AND INSTALL CUSTOM 12' TALL 2" I.D. GALVANIZED STEEL POLE AND FOUNDATION WITH EQUIPMENT AND SIGNS PER DETAIL A ON SHEET 17.
13. MINIMUM 2' OFFSET BETWEEN FACE OF CURB AND CLASS-II BIKEWAY STRIPING PER HIGHWAY DESIGN MANUAL FIGURE 303.4A.
14. REMOVE AND SALVAGE EXISTING DELINEATORS AND RAISED CURB UNITS.
15. FURNISH AND INSTALL W2-6 AND W16-12P ON NEW POST. SIGNS SHALL BE MOUNTED AT 5' FROM FINISHED GRADE.



Call Two Working Days Before You Dig!



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REV.	DATE	DESCRIPTION

City of Pittsburg  
Public Works Engineering Department  
65 Civic Avenue  
Pittsburg, CA 94565  
Tel: (925) 252-4930  
<http://www.ci.pittsburg.ca.us/>

CRESTVIEW DRIVE SAFETY IMPROVEMENTS PROJECT  
HSIPSL-5127(040)  
ELECTRICAL, SIGNING, AND STRIPING PLANS  
NOTES AND DETAILS

PITTSBURG

CALIFORNIA

DRAWN: AD  
CHECKED: RP  
CITY ENGINEER:  
TRAFFIC ENGINEER:



02/29/24

**BID SUBMITTAL**

FEBRUARY 28, 2024

DATE: FEBRUARY 2024

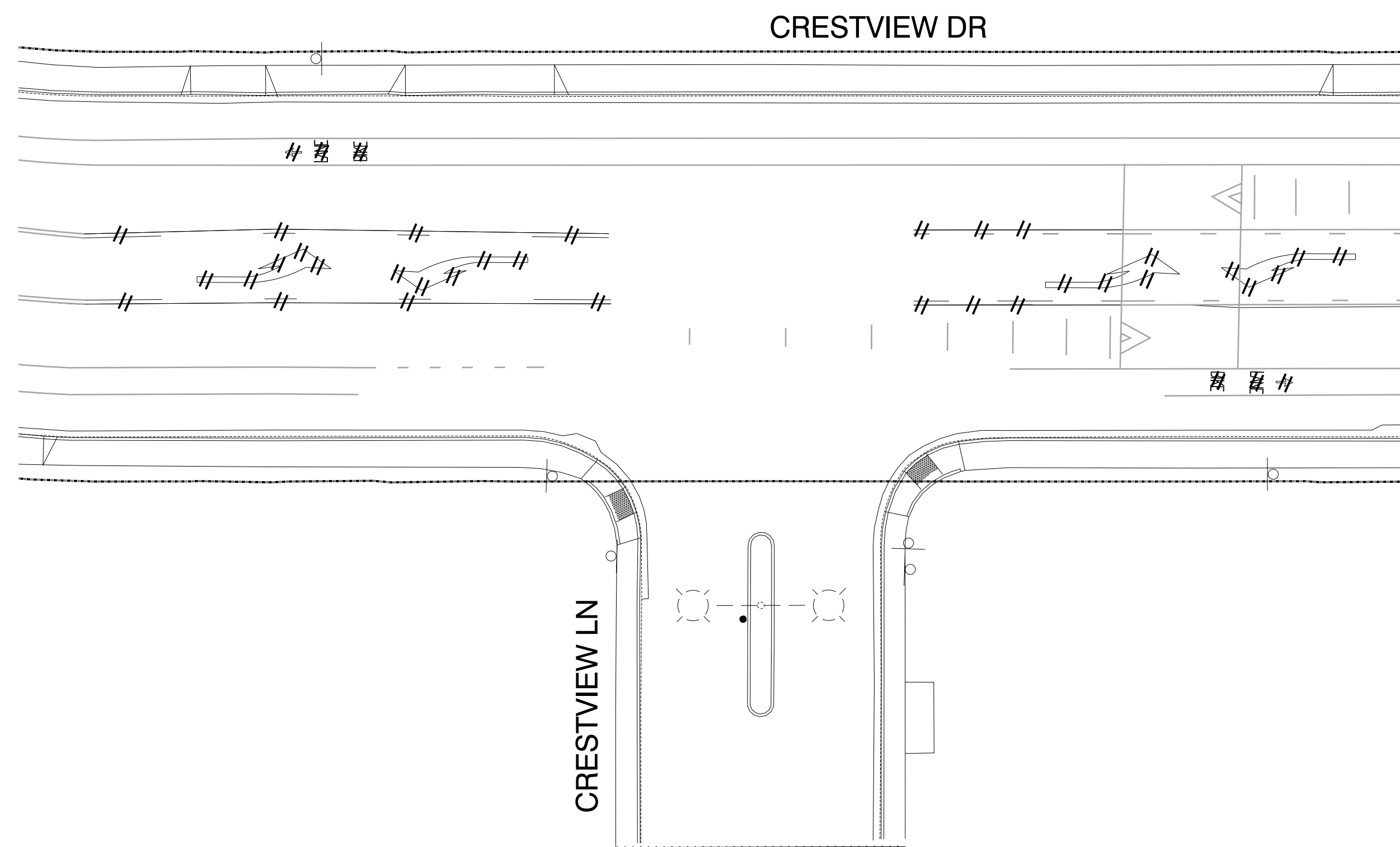
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FILE NAME: 220082

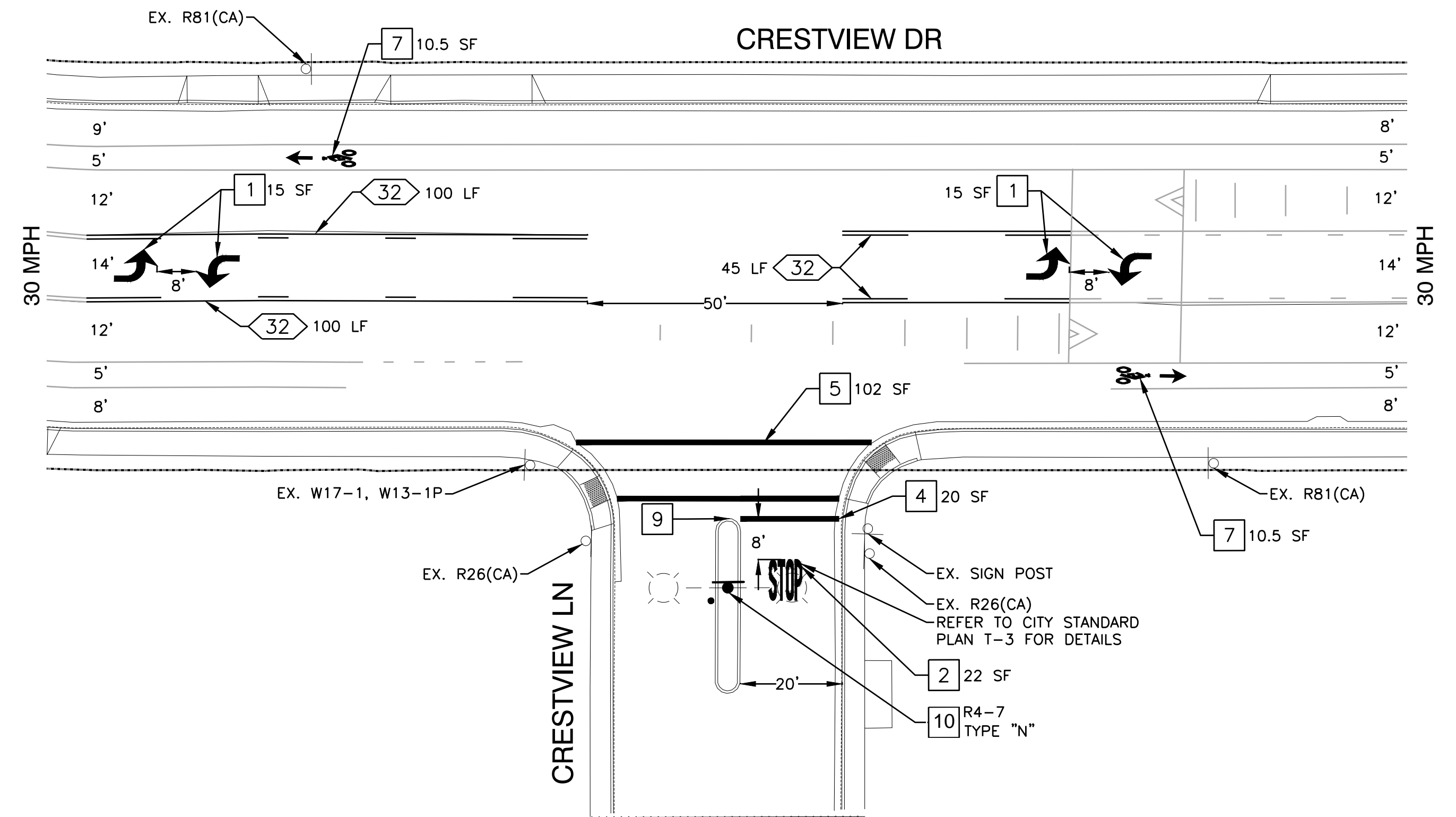
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17 OF 23

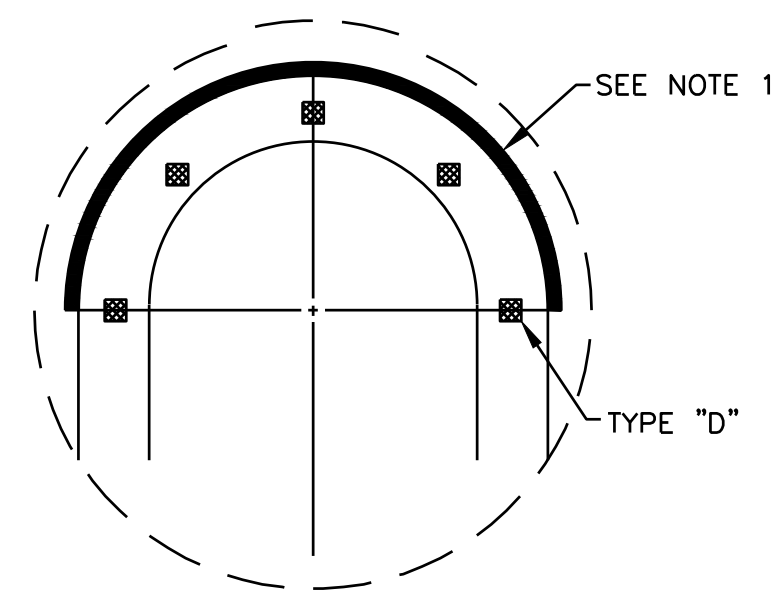




REMOVAL PLAN  
SCALE: 1" = 20'



PROPOSED PLAN  
SCALE: 1" = 20'



DETAIL A  
MEDIAN NOSE DETAIL  
NTS

NOTES (DETAIL A ONLY)

1. PAINT MEDIAN NOSE WITH YELLOW TRAFFIC PAINT.
2. INSTALL R4-7 SIGN AND TYPE "N" OBJECT MARKER ON TELESPAR POST. IF MEDIAN IS LESS THAN 2' WIDE, INSTALL FLEXIBLE VERTICAL TYPE "K" MARKER.
3. INSTALL YELLOW REFLECTIVE PAVEMENT MARKERS ON TOP OF SURFACE OF MEDIAN CURB NOSE AT 2' ON CENTER SPACING. (MINIMUM 5 MARKERS). PLACE SURFACE MARKER'S REFLECTIVE SURFACE FACING ON COMING TRAFFIC.

LEGEND (DETAIL A ONLY)

- ☒ TYPE "D" TWO-WAY YELLOW REFLECTIVE MARKER (HIGH INTENSITY)

GENERAL NOTES:

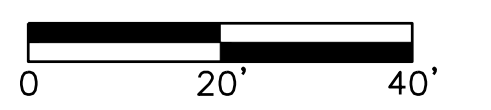
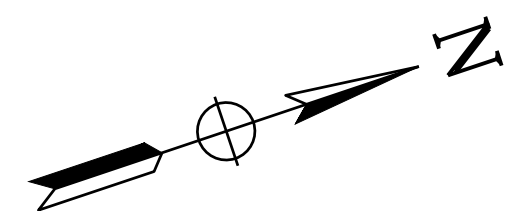
1. SEE SHEET 17 FOR SIGNING AND STRIPING GENERAL NOTES.

PROJECT NOTES (THIS SHEET ONLY):

1. INSTALL THERMOPLASTIC TYPE IV(L) ARROW PER CALTRANS STD PLAN A24A.
2. INSTALL THERMOPLASTIC PAVEMENT MARKING LEGEND PER CALTRANS STD PLAN A24D.
4. INSTALL 12" WIDE THERMOPLASTIC LIMIT LINE PAVEMENT MARKING PER CITY OF PITTSBURG STANDARD DETAIL T-3.
5. INSTALL 12" WHITE WIDE THERMOPLASTIC CROSSWALK STRIPING AT 11' O.C PER CALTRANS STD PLANS.
7. INSTALL THERMOPLASTIC BICYCLE MARKING AND BIKE LANE ARROW PER CALTRANS STD PLANS A24A & A24C.
9. INSTALL YELLOW REFLECTIVE PAVEMENT MARKERS PER DETAIL A ON SHEET 18.
10. FURNISH AND INSTALL NEW SIGN ON NEW POST.

LEGEND:

- CITY OF PITTSBURG RIGHT OF WAY
- EXISTING SIGN
- ▨ EXISTING PAVEMENT MARKING
- EXISTING STRIPING
- /// REMOVE EXISTING STRIPING
- FURNISH AND INSTALL SIGN POST
- ▨ INSTALL PAVEMENT MARKING
- INSTALL STRIPING
- ▨ INSTALL PAVEMENT MARKING TYPE IV(L)
- XX<XX> STRIPING DETAIL NUMBER AND LENGTH



SCALE: 1"=20'

**BID SUBMITTAL**  
FEBRUARY 28, 2024

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REV.	DATE	DESCRIPTION

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Public Works Engineering Department  
65 Civic Avenue  
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<http://www.ci.pittsburg.ca.us/>

CRESTVIEW DRIVE SAFETY IMPROVEMENTS PROJECT  
HSIPSL-5127(040)

SIGNING AND STRIPING PLANS  
CRESTVIEW DRIVE AND CRESTVIEW LANE

PITTSBURG

CALIFORNIA

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CHECKED: RP  
CITY ENGINEER:  
TRAFFIC ENGINEER:



02/29/24

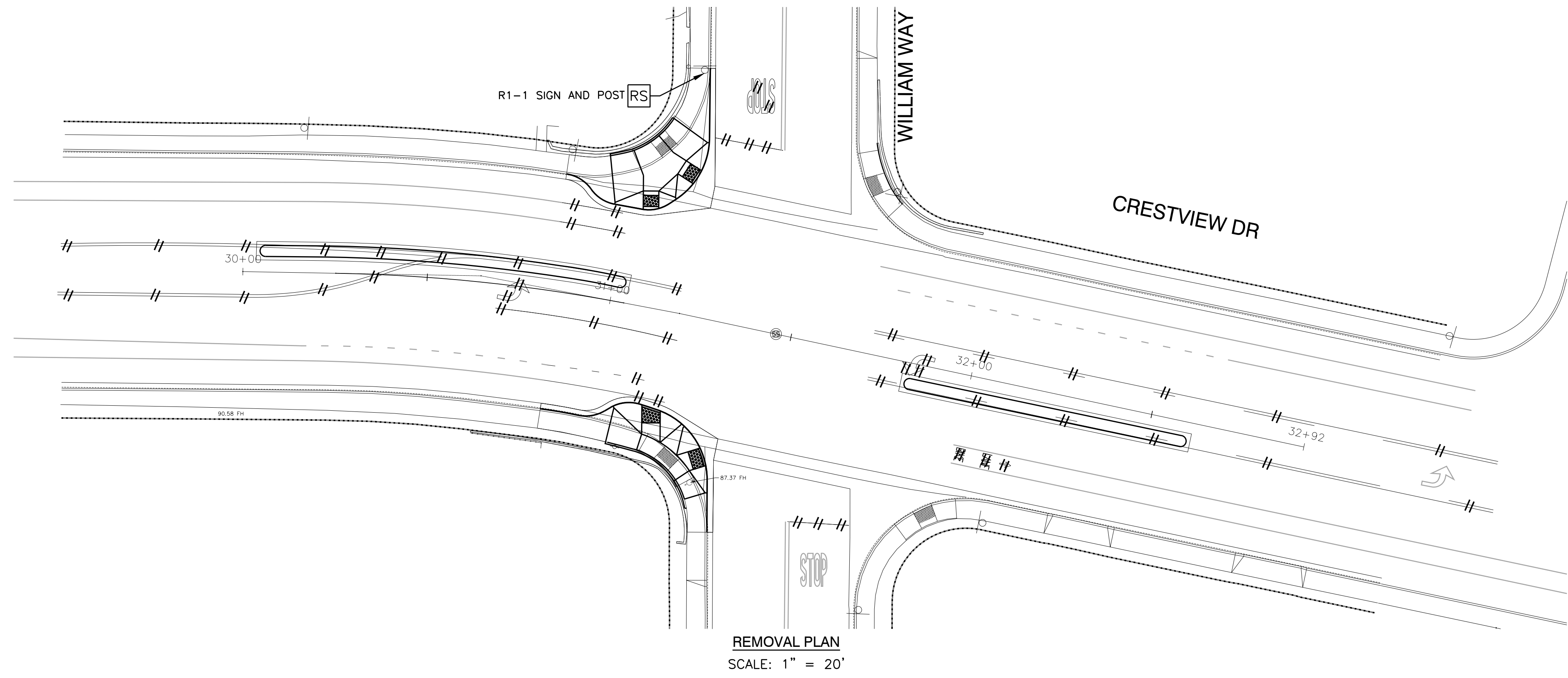


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FILE NAME: 220082

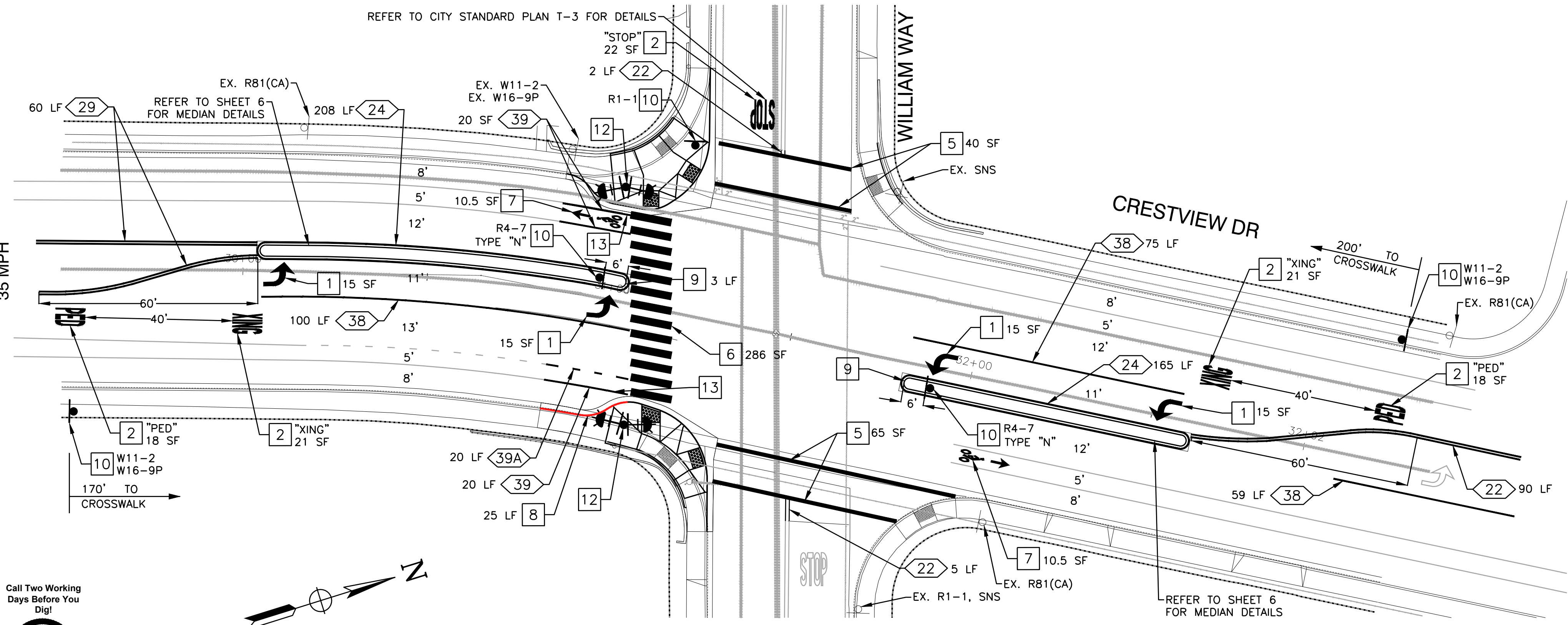
SHEET

18 OF 23





REMOVAL PLAN  
SCALE: 1" = 20'



PROPOSED PLAN  
SCALE: 1" = 20'

**GENERAL NOTES:**

1. SEE SHEET 17 FOR SIGNING AND STRIPING GENERAL NOTES.

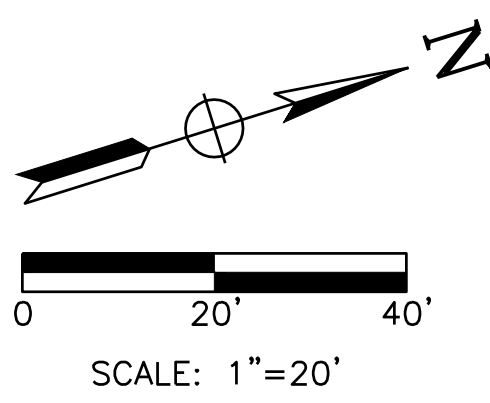
**PROJECT NOTES (THIS SHEET ONLY):**

- 1 INSTALL THERMOPLASTIC TYPE IV(L) ARROW PER CALTRANS STD PLAN A24A.
- 2 INSTALL THERMOPLASTIC PAVEMENT MARKING LEGEND PER PER CALTRANS STD PLAN A24D.
- 3 INSTALL THERMOPLASTIC YIELD PAVEMENT MARKINGS PER CALTRANS STD PLAN A24G.
- 5 INSTALL 12" WIDE WHITE THERMOPLASTIC CROSSWALK STRIPING AT 11' O.C PER CALTRANS STD PLANS.
- 6 INSTALL THERMOPLASTIC CONTINENTAL CROSSWALK PER CITY OF PITTSBURG STANDARD DETAIL T-13.
- 7 INSTALL THERMOPLASTIC BICYCLE MARKING AND BIKE LANE ARROW PER CALTRANS STD PLANS A24A & A24C.
- 8 INSTALL RED CURB PAINT.
- 9 INSTALL YELLOW REFLECTIVE PAVEMENT MARKERS PER DETAIL A ON SHEET 18.
- 10 FURNISH AND INSTALL NEW SIGN ON NEW POST.
- 12 FURNISH AND INSTALL CUSTOM 17' TALL 2" I.D. GALVANIZED STEEL POLE AND FOUNDATION WITH EQUIPMENT AND SIGNS PER DETAIL A ON SHEET 17.
- 13 MINIMUM 2' OFFSET BETWEEN FACE OF CURB AND CLASS-II BIKEWAY STRIPING PER HIGHWAY DESIGN MANUAL FIGURE 303.4A.

**LEGEND:**

- CITY OF PITTSBURG RIGHT OF WAY
- o EXISTING SIGN
- EXISTING PAVEMENT MARKING
- EXISTING STRIPING
- // REMOVE EXISTING STRIPING
- FURNISH AND INSTALL SIGN POST
- INSTALL PAVEMENT MARKING
- INSTALL STRIPING
- INSTALL PAVEMENT MARKING TYPE IV(L)
- FURNISH AND INSTALL RRFB SYSTEM
- XX<XX> STRIPING DETAIL NUMBER AND LENGTH
- RS REMOVE AND SALVAGE EQUIPMENT

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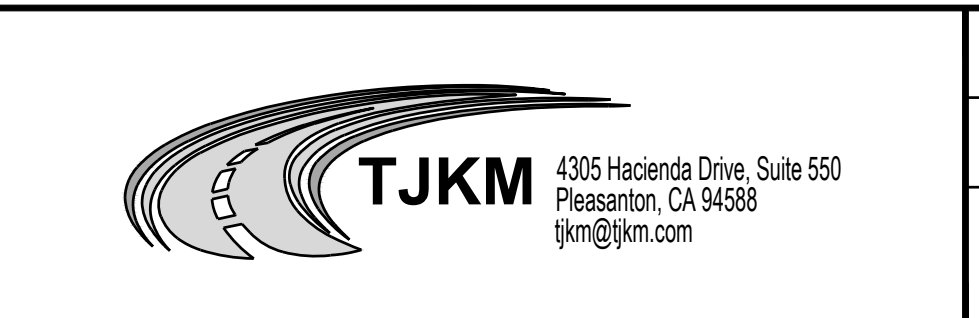
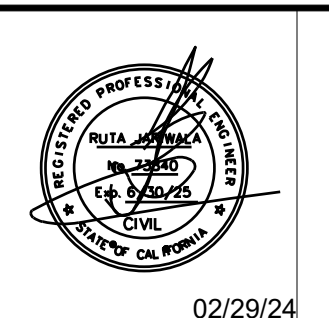
**BID SUBMITTAL**  
FEBRUARY 28, 2024

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Pittsburg, CA 94565  
Tel: (925) 252-4930  
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CRESTVIEW DRIVE SAFETY IMPROVEMENTS PROJECT  
HSIPSL-5127(040)  
ELECTRICAL, SIGNING, AND STRIPING PLANS  
CRESTVIEW DRIVE AND WILLIAM WAY  
PITTSBURG CALIFORNIA

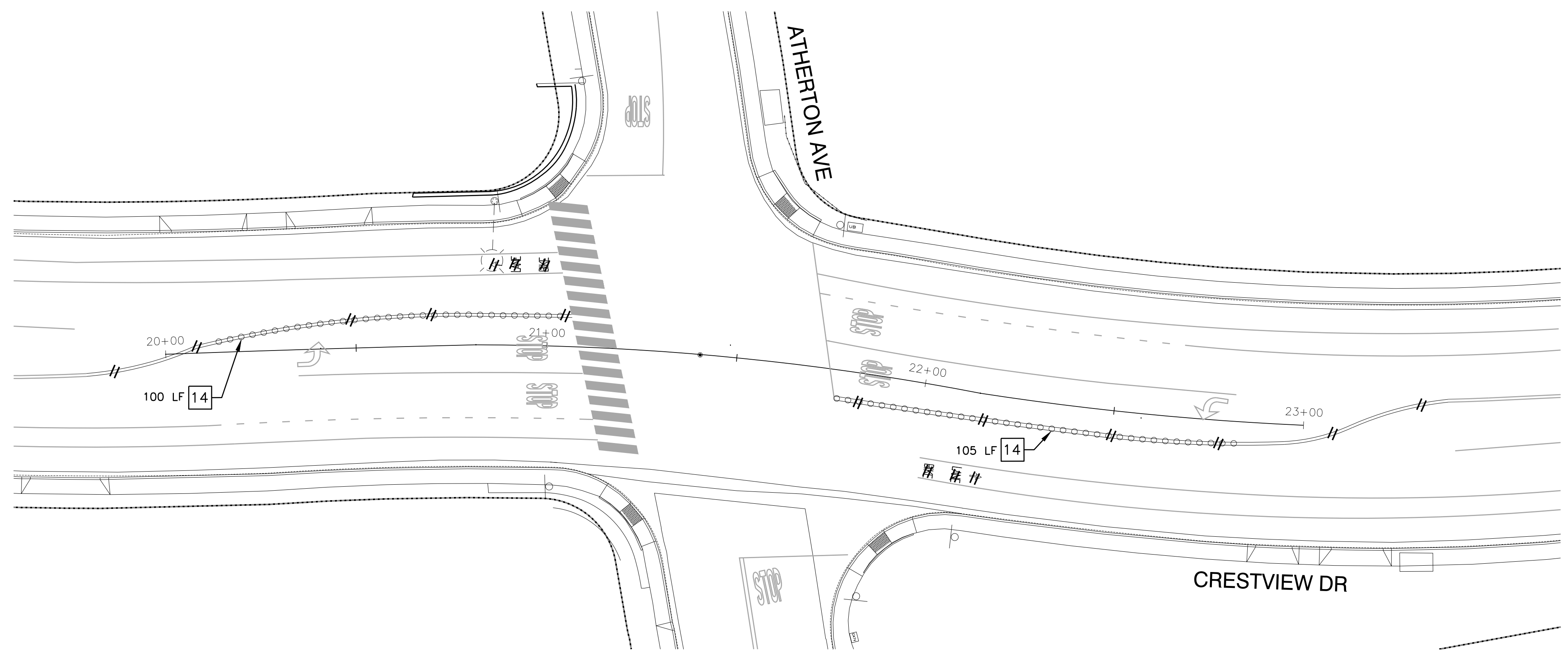
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TRAFFIC ENGINEER:



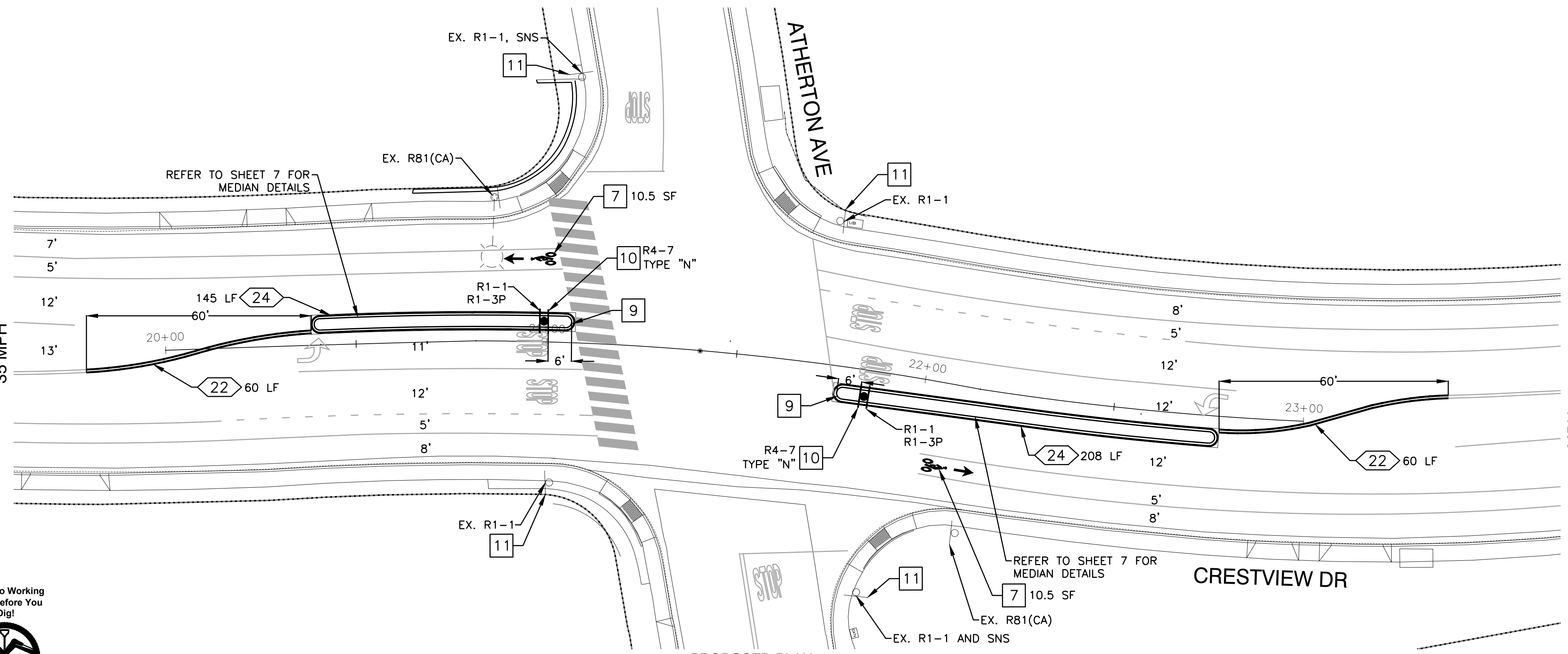
DATE: FEBRUARY 2024  
SCALE: AS SHOWN  
FILE NAME: 220082

SHEET  
19 OF 23





REMOVAL PLAN  
SCALE: 1" = 20'



PROPOSED PLAN  
SCALE: 1" = 20'

**GENERAL NOTES:**

1. SEE SHEET 17 FOR SIGNING AND STRIPING GENERAL NOTES.

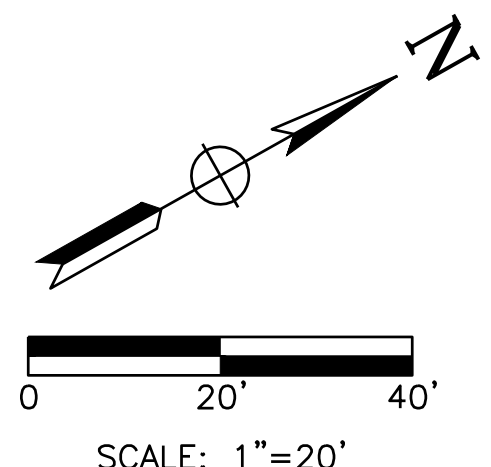
**PROJECT NOTES (THIS SHEET ONLY):**

- 7 INSTALL THERMOPLASTIC BICYCLE MARKING AND BIKE LANE ARROW PER CALTRANS STD PLANS A24A & A24C.
- 9 INSTALL YELLOW REFLECTIVE PAVEMENT MARKERS PER DETAIL A ON SHEET 18.
- 10 FURNISH AND INSTALL NEW SIGN ON NEW POST.
- 11 INSTALL R1-3P BELOW EXISTING R1-1 SIGN ON EXISTING POST. ADJUST SIGNS AS NECESSARY TO MEET 7-FOOT CLEARANCE TO WALKING SURFACE.
- 14 REMOVE AND SALVAGE EXISTING DELINEATORS AND RAISED CURB UNITS.

**LEGEND:**

- CITY OF PITTSBURG RIGHT OF WAY
- o EXISTING SIGN
- EXISTING PAVEMENT MARKING
- EXISTING STRIPING
- // REMOVE EXISTING STRIPING
- o FURNISH AND INSTALL SIGN POST
- INSTALL STRIPING
- XX<XX> STRIPING DETAIL NUMBER AND LENGTH
- o EXISTING DELINEATORS

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FEBRUARY 28, 2024

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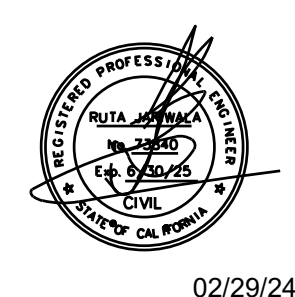
City of Pittsburg  
Public Works Engineering Department  
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Pittsburg, CA 94565  
Tel: (925) 252-4930  
<http://www.ci.pittsburg.ca.us/>

**CRESTVIEW DRIVE SAFETY IMPROVEMENTS PROJECT**  
HSIPSL-5127(040)

**SIGNING AND STRIPING PLANS**  
**CRESTVIEW DRIVE AND ATHERTON AVENUE**

PITTSBURG CALIFORNIA

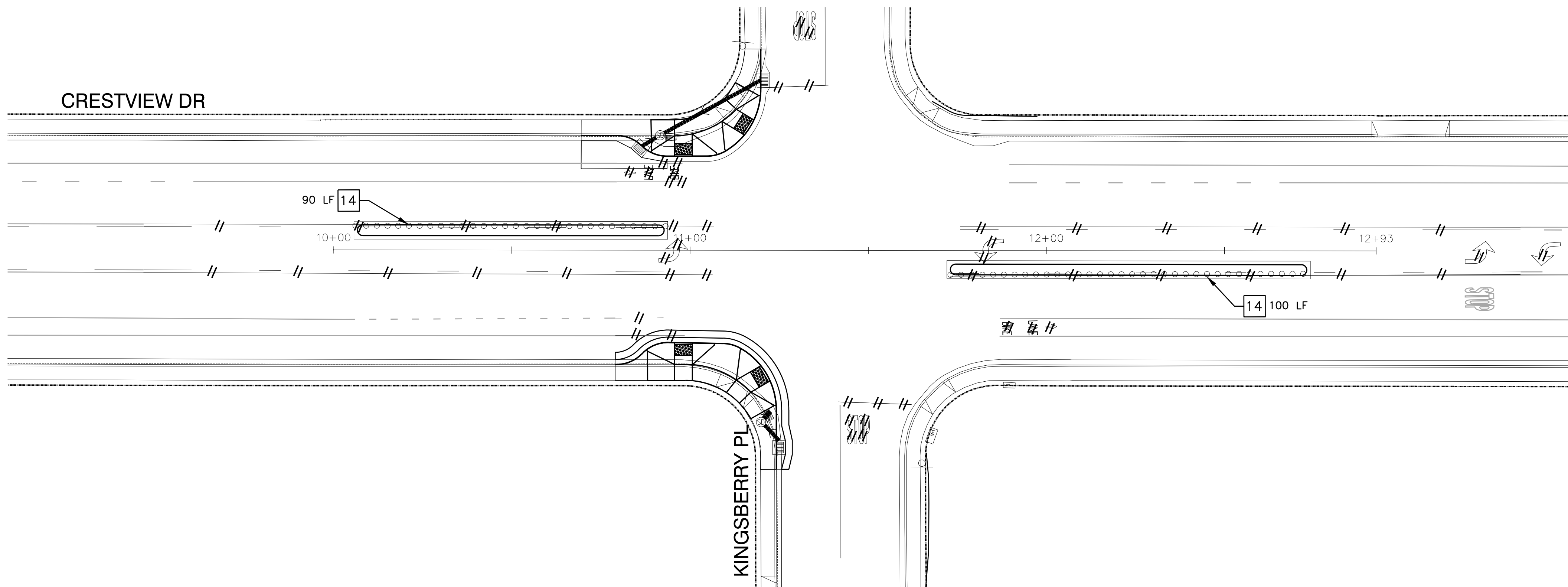
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TRAFFIC ENGINEER:



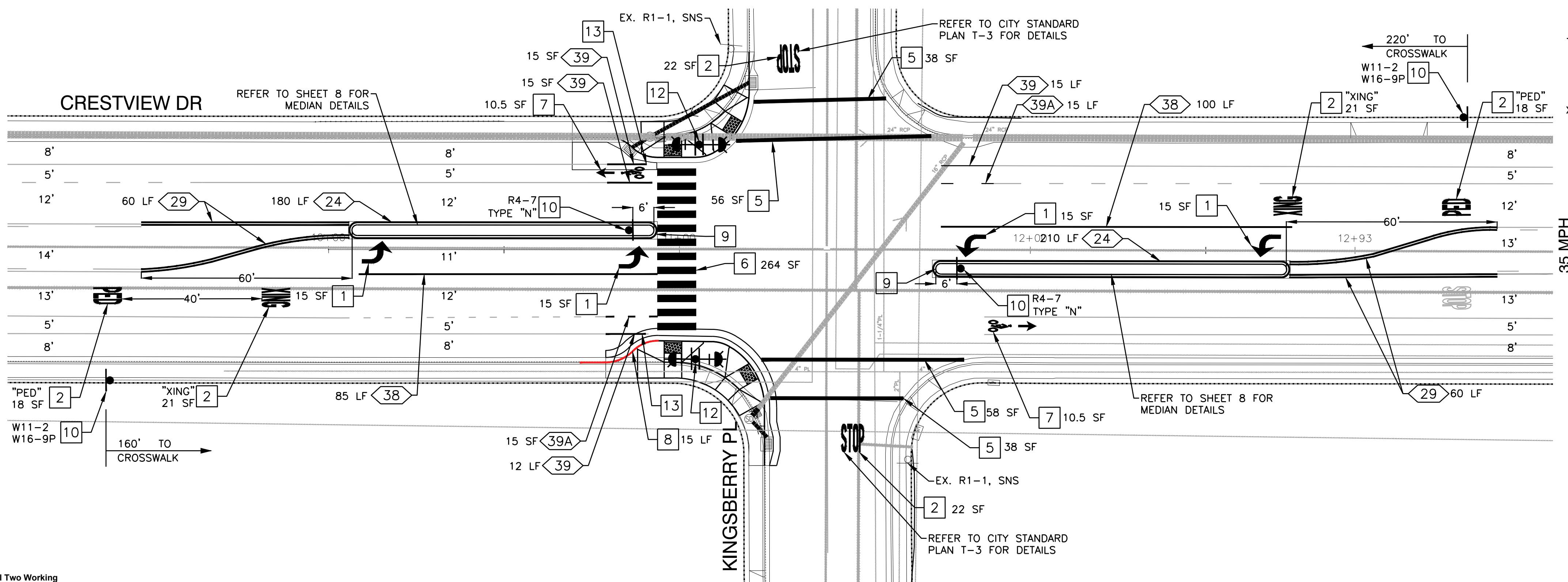
DATE: FEBRUARY 2024  
SCALE: AS SHOWN  
FILE NAME: 220082

SHEET  
20 OF 23





REMOVAL PLAN  
SCALE: 1" = 20'



PROPOSED PLAN  
SCALE: 1" = 20'

**GENERAL NOTES:**

1. SEE SHEET 17 FOR SIGNING AND STRIPING GENERAL NOTES.

**PROJECT NOTES (THIS SHEET ONLY):**

1. INSTALL THERMOPLASTIC TYPE IV(L) ARROW PER CALTRANS STD PLAN A24A.
2. INSTALL THERMOPLASTIC PAVEMENT MARKING LEGEND PER CALTRANS STD PLAN A24D.
3. INSTALL THERMOPLASTIC YIELD PAVEMENT MARKINGS PER CALTRANS STD PLAN A24G.
5. INSTALL 12" WIDE WHITE THERMOPLASTIC CROSSWALK STRIPING AT 11' O.C PER CALTRANS STD PLANS.
6. INSTALL THERMOPLASTIC CONTINENTAL CROSSWALK PER CITY OF PITTSBURG STANDARD DETAIL T-13.
7. INSTALL THERMOPLASTIC BICYCLE MARKING AND BIKE LANE ARROW PER CALTRANS STD PLANS A24A & A24C.
8. INSTALL RED CURB PAINT.
9. INSTALL YELLOW REFLECTIVE PAVEMENT MARKERS PER DETAIL A ON SHEET 18.
10. FURNISH AND INSTALL NEW SIGN ON NEW POST.
12. FURNISH AND INSTALL CUSTOM 12' TALL 2" I.D. GALVANIZED STEEL POLE AND FOUNDATION WITH EQUIPMENT AND SIGNS PER DETAIL A ON SHEET 17.
13. MINIMUM 2' OFFSET BETWEEN FACE OF CURB AND CLASS-II BIKEWAY STRIPING PER HIGHWAY DESIGN MANUAL FIGURE 303.4A.
14. REMOVE AND SALVAGE EXISTING DELINEATORS AND RAISED CURB UNITS.

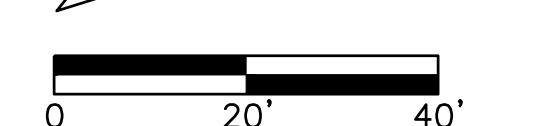
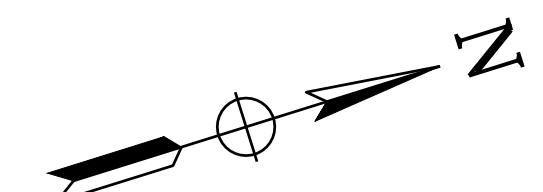
**LEGEND:**

- CITY OF PITTSBURG RIGHT OF WAY
- o EXISTING SIGN
- EXISTING PAVEMENT MARKING
- EXISTING STRIPING
- // REMOVE EXISTING STRIPING
- o FURNISH AND INSTALL SIGN POST
- INSTALL PAVEMENT MARKING
- INSTALL STRIPING
- INSTALL PAVEMENT MARKING TYPE IV(L)
- FURNISH AND INSTALL RRFB SYSTEM
- XX'XX STRIPING DETAIL NUMBER AND LENGTH
- o EXISTING DELINEATORS
- SNS STREET NAME SIGN

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SCALE: 1"=20'

**BID SUBMITTAL**  
FEBRUARY 28, 2024

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<http://www.ci.pittsburg.ca.us/>

CRESTVIEW DRIVE SAFETY IMPROVEMENTS PROJECT  
HSIPSL-5127(040)  
ELECTRICAL, SIGNING, AND STRIPING PLANS  
CRESTVIEW DRIVE AND KINGSBERRY PLACE

PITTSBURG

CALIFORNIA

DRAWN: AD  
CHECKED: RP  
CITY ENGINEER:  
TRAFFIC ENGINEER:



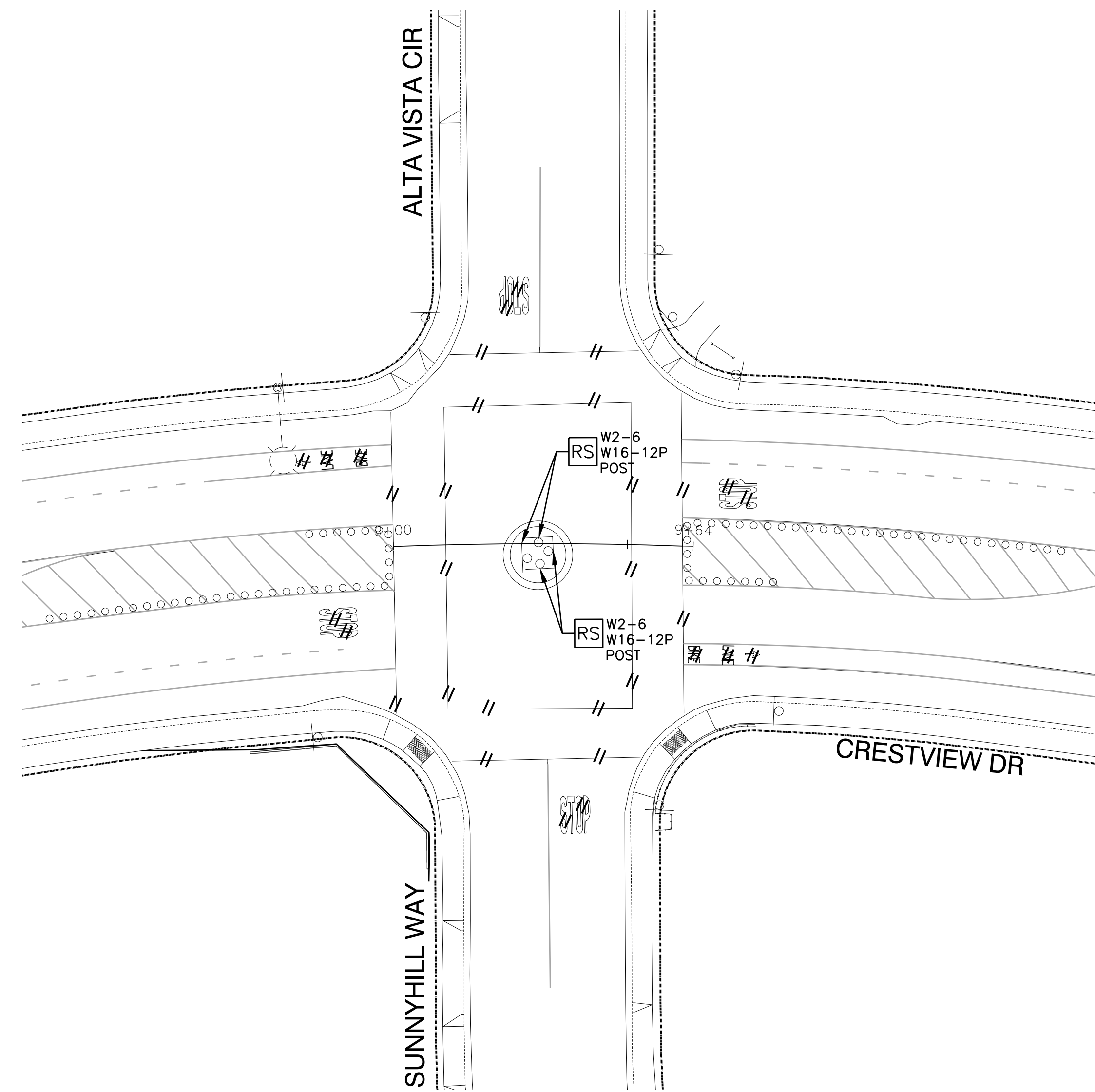
02/29/24



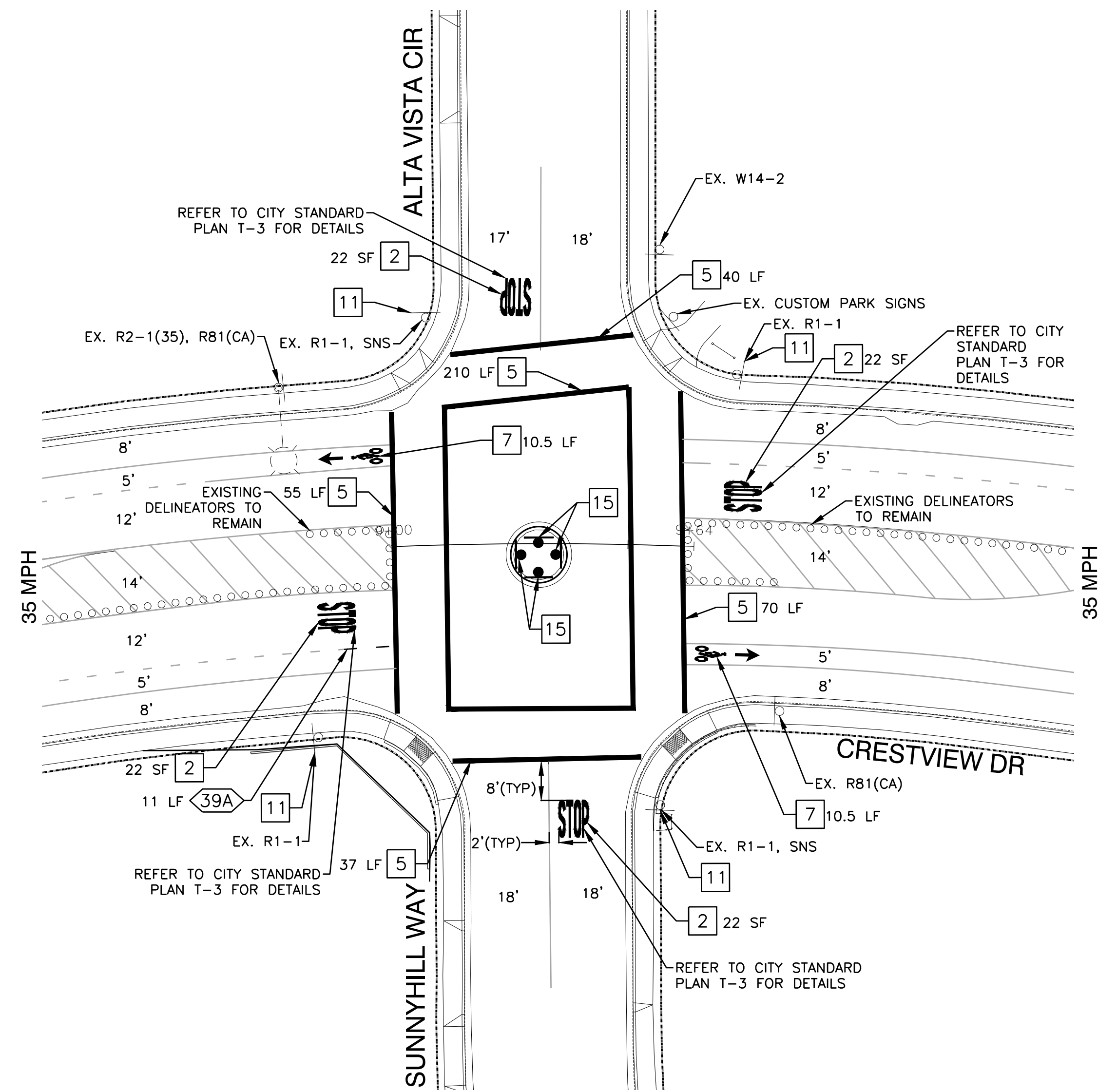
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SCALE: AS SHOWN  
FILE NAME: 220082

SHEET  
21 OF 23





REMOVAL PLAN  
SCALE: 1" = 20'



PROPOSED PLAN  
SCALE: 1" = 20'

**GENERAL NOTES:**

- SEE SHEET 17 FOR SIGNING AND STRIPING GENERAL NOTES.

**PROJECT NOTES:**

- 2 INSTALL THERMOPLASTIC PAVEMENT MARKING LEGEND PER CALTRANS STD PLAN A24D.
- 5 INSTALL 12" WIDE WHITE THERMOPLASTIC CROSSWALK STRIPING AT 11' O.C PER CALTRANS STD PLANS.
- 7 INSTALL THERMOPLASTIC BICYCLE MARKING AND BIKE LANE ARROW PER CALTRANS STD PLANS A24A & A24C.
- 11 INSTALL R1-3P BELOW EXISTING R1-1 SIGN ON EXISTING POST. ADJUST SIGNS AS NECESSARY TO MEET 7-FOOT CLEARANCE TO WALKING SURFACE.
- 15 FURNISH AND INSTALL W2-6 AND W16-12P ON NEW POST. SIGNS SHALL BE MOUNTED AT 5' FROM FINISHED GRADE.

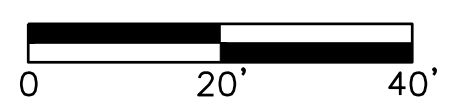
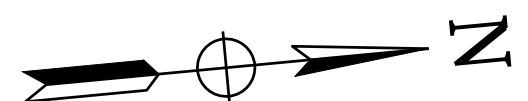
**LEGEND:**

- CITY OF PITTSBURG RIGHT OF WAY
- ⊙ EXISTING SIGN
- ▭ EXISTING PAVEMENT MARKING
- EXISTING STRIPING
- // REMOVE EXISTING STRIPING
- ⊙ PROPOSED SIGN
- ▭ PROPOSED PAVEMENT MARKING
- PROPOSED STRIPING
- XX'XX' STRIPING DETAIL NUMBER AND LENGTH
- EXISTING DELINEATORS
- SNS STREET NAME SIGN

Call Two Working Days Before You Dig!



1-800-227-2600



SCALE: 1"=20'

**BID SUBMITTAL**

FEBRUARY 28, 2024

REV.	DATE	DESCRIPTION

City of Pittsburg  
Public Works Engineering Department  
65 Civic Avenue  
Pittsburg, CA 94565  
Tel: (925) 252-4930  
<http://www.ci.pittsburg.ca.us/>

CRESTVIEW DRIVE SAFETY IMPROVEMENTS PROJECT  
HSIPSL-5127(040)

SIGNING AND STRIPING PLANS  
CRESTVIEW DRIVE AND SUNNYHILL WAY/ ALTA VISTA CIRCLE

PITTSBURG

CALIFORNIA

DRAWN: AD  
CHECKED: RP  
CITY ENGINEER:  
TRAFFIC ENGINEER:



02/29/24

DATE: FEBRUARY 2024

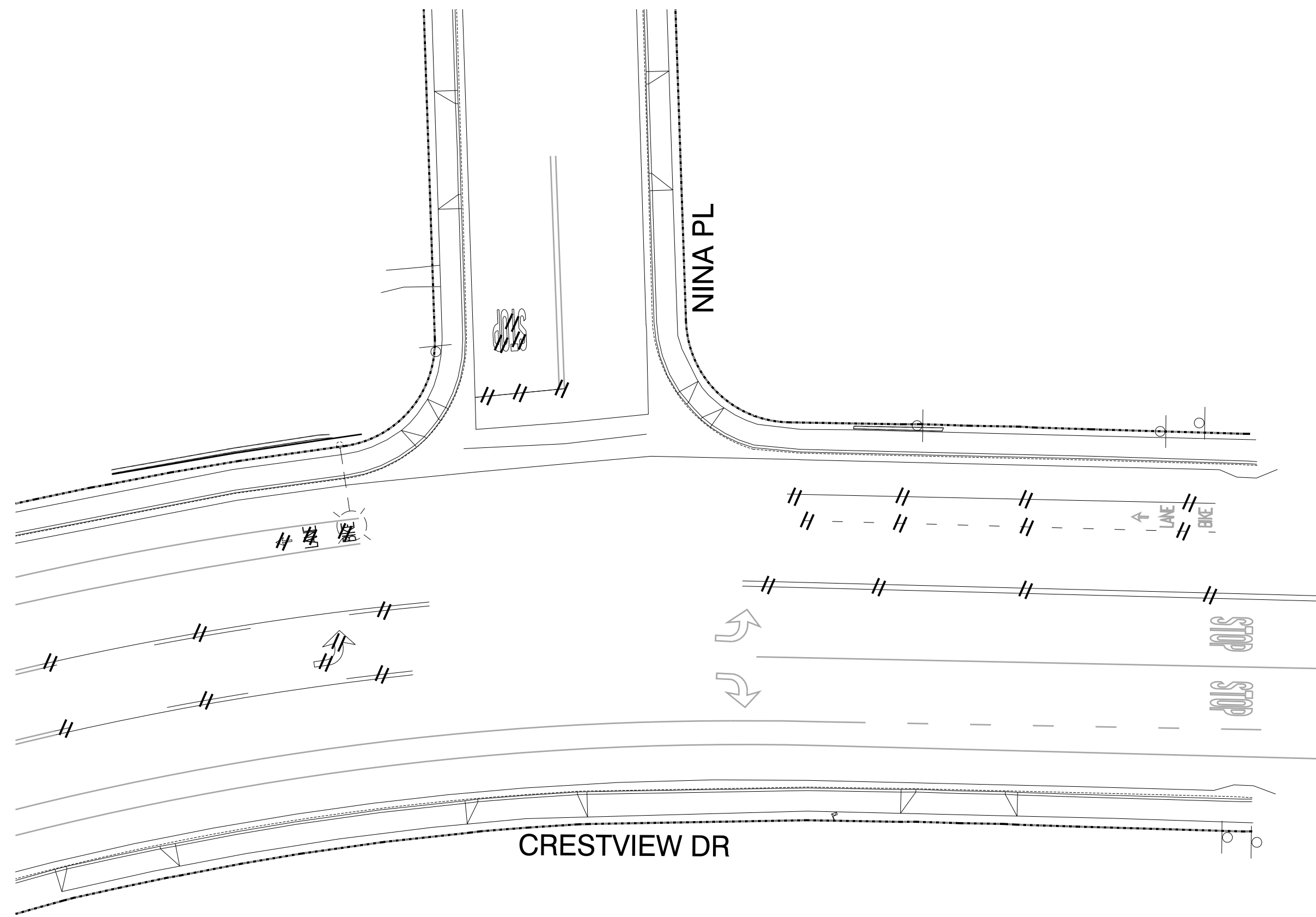
SCALE: AS SHOWN

FILE NAME: 220082

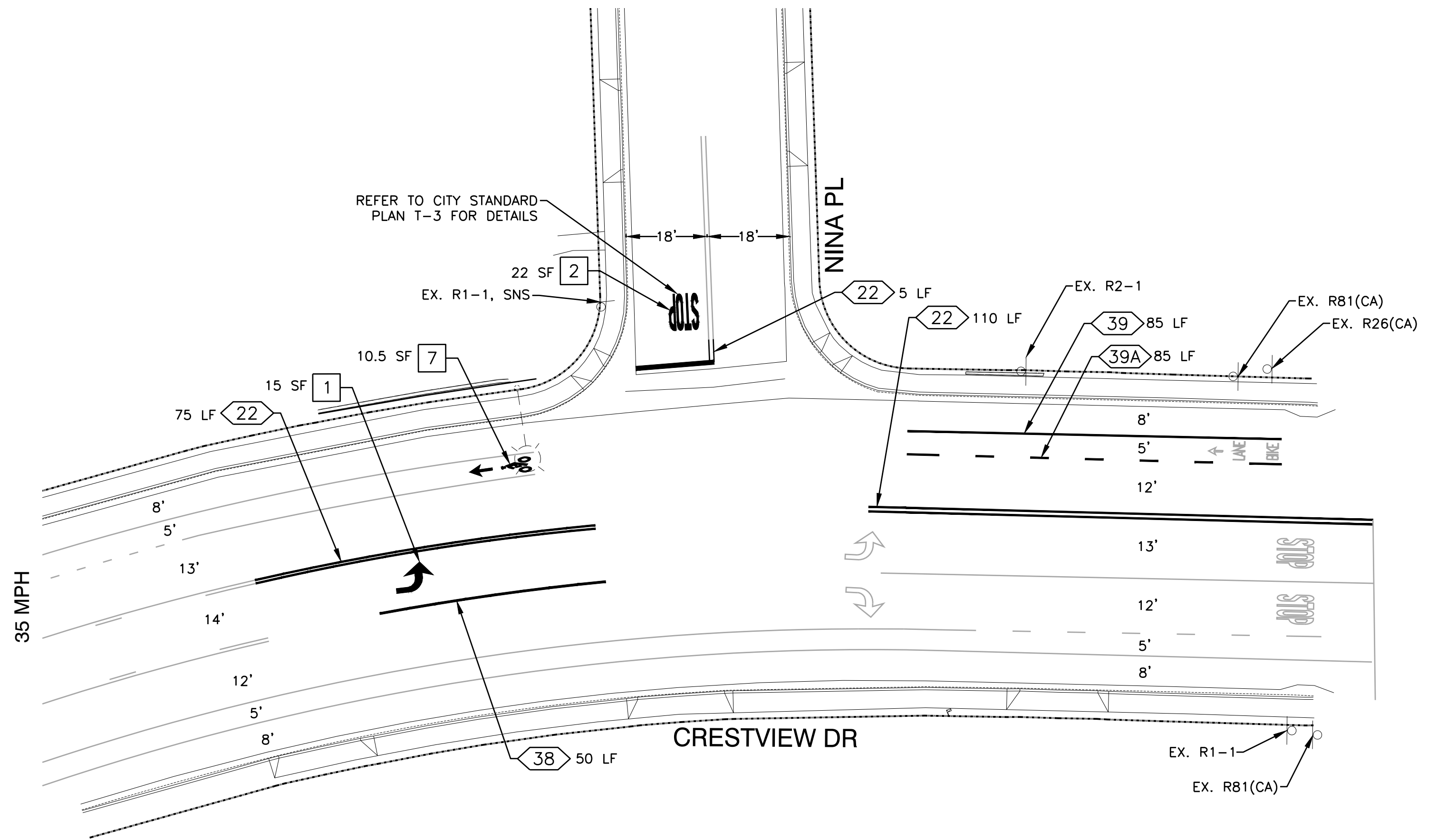
SHEET

22 OF 23





REMOVAL PLAN  
SCALE: 1" = 20'



PROPOSED PLAN  
SCALE: 1" = 20'

**GENERAL NOTES:**

1. SEE SHEET 17 FOR SIGNING AND STRIPING GENERAL NOTES.

**PROJECT NOTES:**

- 1 INSTALL THERMOPLASTIC TYPE IV(L) ARROW PER CALTRANS STD PLAN A24A.
- 7 INSTALL THERMOPLASTIC BICYCLE MARKING AND BIKE LANE ARROW PER CALTRANS STD PLANS A24A & A24C.

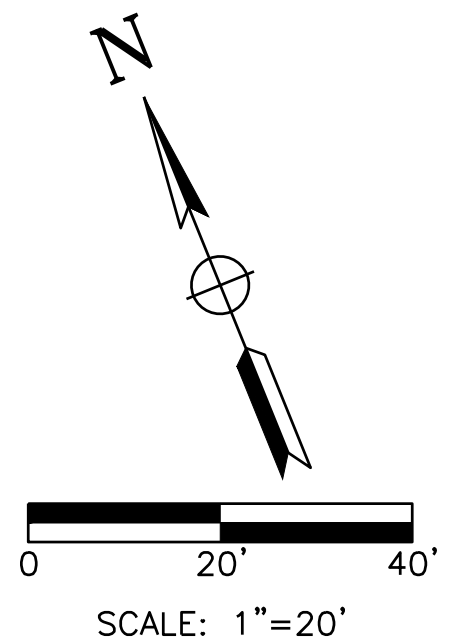
**LEGEND:**

- CITY OF PITTSBURG RIGHT OF WAY
- o EXISTING SIGN
- STP EXISTING PAVEMENT MARKING
- EXISTING STRIPING
- // REMOVE EXISTING STRIPING
- o PROPOSED SIGN
- STP PROPOSED PAVEMENT MARKING
- PROPOSED STRIPING
- XX<XX> STRIPING DETAIL NUMBER AND LENGTH

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CRESTVIEW DRIVE SAFETY IMPROVEMENTS PROJECT  
HSIPSL-5127(040)  
SIGNING AND STRIPING PLANS  
CRESTVIEW DRIVE AND NINA PLACE

PITTSBURG

CALIFORNIA

DRAWN: AD  
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TRAFFIC ENGINEER:



02/29/24

DATE: FEBRUARY 2024  
SCALE: AS SHOWN  
FILE NAME: 220082

SHEET  
23 OF 23