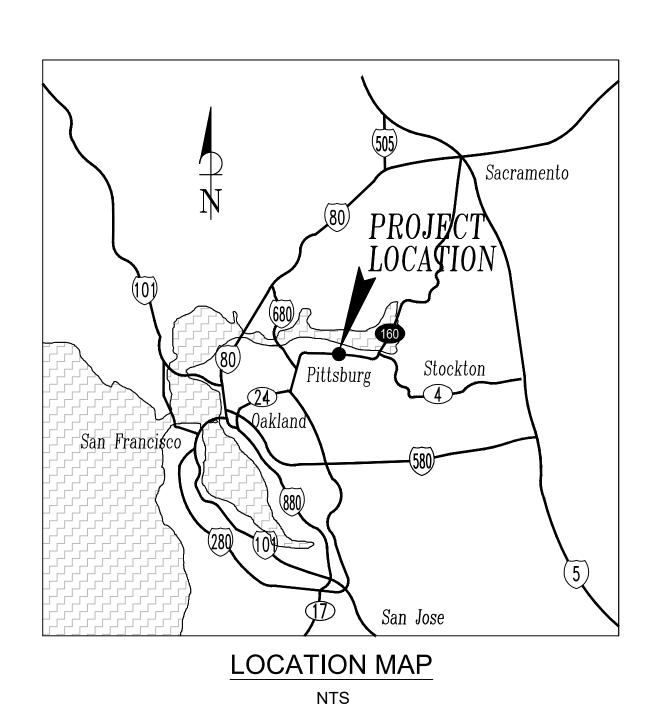


CITY OF PITTSBURG

ENGINEERING DIVISION
PROJECT NO. 2033, LOVERIDGE ROAD MAINTENANCE PROJECT



THE CITY COUNCIL

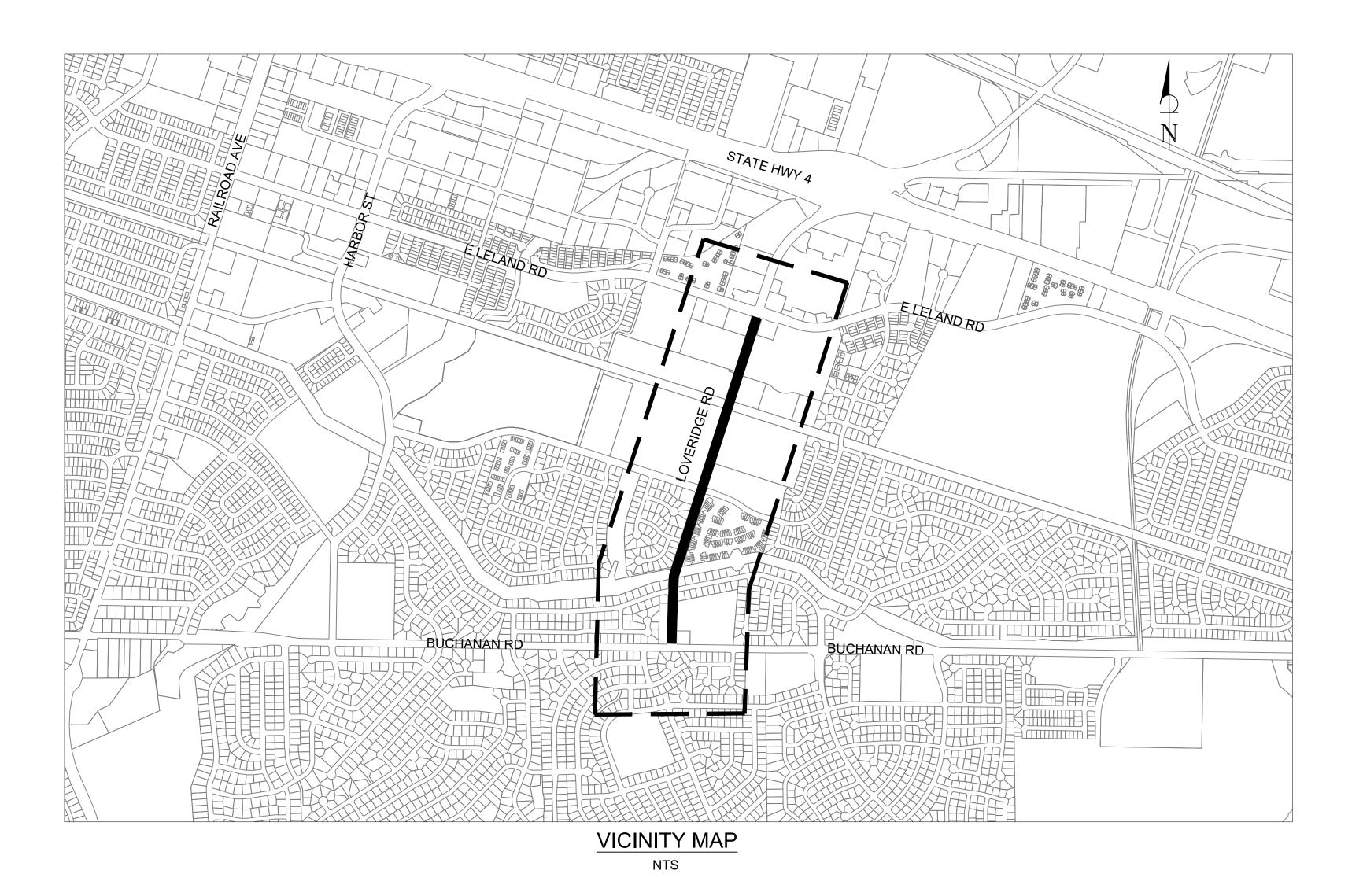
OF THE CITY OF PITTSBURG

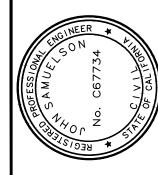
SHANELLE SCALES-PRESTON, MAYOR
JUAN ANTONIO BANALES, VICE MAYOR
JELANI KILLINGS, COUNCIL MEMBER
DIONNE ADAMS, COUNCIL MEMBER
ANGELICA LOPEZ, COUNCIL MEMBER

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

SHEET INDEX

SHEET	DWG. NO.	DRAWING TITLE:
1	T-1	TITLE SHEET
2	G-1	PROJECT NOTES & ABBREVIATIONS
3-4	I-1 TO I-2	IMPROVEMENT PLAN
5-6	ST-1 TO ST-2	STRIPING PLAN
7-9	CD-1 TO CD-3	CIVIL DETAILS





7/12/23 Date

JOHN SAMUELSON D



TENANCE

ROAD PAVEMENT MAINTEN,

 CHECKED: SR
 LOVER

 REVIEWED: DJ
 DATE: 7/12/23

 SCALE: N/A
 SCALE: N/A

REV DESCRIPTION BY

SHEET:

1 OF 9

SHEET NO.

T-1

- ALL DRAWINGS AND SPECIFICATIONS ARE CONSIDERED PART OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEW AND COORDINATION OF ALL DRAWINGS AND SPECIFICATIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES THAT OCCUR SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE START OF CONSTRUCTION SO THAT A CLARIFICATION MAY BE ISSUED. WORK NOT CONFORMING TO THE CONTRACT DOCUMENTS SHALL BE CORRECTED BY THE CONTRACTOR TO AT NO EXPENSE TO THE CITY.
- 2. THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED PRACTICES. THAT CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR CONDITIONS AT THE JOB SITE AND SAFETY OF THE WORK DURING THE COURSE OF THE PROJECT. THESE PLANS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.
- 3. THE CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE CONSTRUCTION SAFETY ORDERS AS SET-FORTH IN THE CALIFORNIA CODE OF REGULATIONS.
- THE CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) WATER POLLUTION CONTROL BEST MANAGEMENT PRACTICES (BMP)
- THE CONTRACTOR SHALL AT ALL TIMES COMPLY WITH THE CITY STANDARD PLANS AND SPECIFICATIONS. THE CONTRACTOR SHALL COMPLY WITH THE LATEST CALTRANS STANDARD PLANS AND SPECIFICATIONS.
- NOT NECESSARILY ALL UNDERGROUND FACILITIES ARE SHOWN. THE CONTRACTOR IS SOLELY RESPONSIBLE TO VERIFY THE EXACT LOCATION AND DEPTH OF ALL EXISTING UTILITIES WITHIN THE HORIZONTAL AND VERTICAL LIMITS OF THE WORK AREA PRIOR TO COMMENCING ANY EXCAVATION. THE CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT AT (800) 227-2600 OR 811 AT LEAST TWO WORKING DAYS, BUT NOT MORE THAN 14 CALENDAR DAYS PRIOR TO COMMENCING. THAT EXCAVATION, IF THE EXCAVATION WILL BE CONDUCTED IN AN AREA THAT IS KNOWN, OR REASONABLY SHOULD BE KNOWN. TO CONTAIN SUBSURFACE INSTALLATIONS.
- THE CONTRACTOR SHALL DELINEATE WITH WHITE PAINT OR OTHER SUITABLE MARKINGS THE AREA TO BE EXCAVATED. CONTACTING U.S.A. DOES NOT RELIEVE THE CONTRACTOR FROM THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION AND DEPTH OF SUBSURFACE INSTALLATIONS. POTENTIAL SHALLOW UTILITIES NOT PER STANDARD INSTALL COULD BE FOUND.
- SERVICE LATERALS AND APPURTENANCES ARE NOT SHOWN ON THE PLANS. CONTRACTOR IS SOLELY RESPONSIBLE TO DETERMINE THE EXACT LOCATION AND DEPTH OF EXISTING SERVICE LATERALS OR APPURTENANCES WHENEVER THE PRESENCE OF SUCH ON THE SITE OF THE CONSTRUCTION PROJECT CAN BE INFERRED FROM THE PRESENCE OF OTHER VISIBLE FACILITIES, SUCH AS BUILDINGS, METER AND JUNCTION BOXES, LOCATED ON OR ADJACENT TO THE SITE OF THE CONSTRUCTION OR OTHERWISE WHERE MAIN OR TRUNKLINES ARE SHOWN ON THE PLANS OR INFERRED
- THE FACT THAT ANY UNDERGROUND FACILITY IS NOT SHOWN UPON THE PLANS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY UNDER SECTION 8 1.10, "UTILITY AND NON HIGHWAY FACILITIES." IT SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY, PURSUANT THERETO, TO ASCERTAIN THE LOCATION OF THOSE UNDERGROUND IMPROVEMENTS OR FACILITIES WHICH MAY BE SUBJECTED TO DAMAGE BY REASON OF THE CONTRACTOR'S OPERATIONS.
- THE CONTRACTOR SHALL LOCATE, REFERENCE, AND SET SUFFICIENT MARKS NECESSARY TO RE-ESTABLISH LOCATIONS OF FRAMES AND COVERS OF UTILITY FACILITIES PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL RENEW REFERENCE MARKS WITH THE ENGINEER AND PUBLIC WORKS OPERATIONS PERSONNEL. IN AREAS WHERE BITUMINOUS SEALS ARE TO BE PLACED. THE FRAMES AND COVER OF UTILITY FACILITIES SHALL BE MASKED PRIOR TO COMMENCEMENT OF WORK.
- WHERE EXISTING PAVEMENT LEGENDS AND LINES ARE SHOWN TO BE REMOVED. THE EXISTING MARKINGS SHALL BE REMOVED COMPLETELY, WHERE EXCESSIVE DAMAGE OR SCARRING RESULTS FROM THE REMOVAL, THE CONTRACTOR SHALL APPLY A SURFACE TREATMENT OR SEALANT PER SPECIFICATIONS TO 1-FOOT BEYOND THE EDGES OF THE REMOVED MARKINGS.
- 12. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGES TO THE SITE OR THE SURROUNDING AREA AS A RESULT OF THE CONTRACTOR'S WORK OR OPERATIONS. EXISTING CURB AND GUTTER, TRAFFIC LINES AND MARKINGS, OR OTHER IMPROVEMENTS THAT ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REPLACED AT THE CONTRACTOR'S SOLE EXPENSE.
- 13. TRAFFIC CONTROL DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. ALL SIGNS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 14. CONTRACTOR SHALL PROVIDE FOR CONTINUOUS INGRESS AND EGRESS TO ALL PRIVATE PROPERTIES ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION UNLESS OTHERWISE APPROVED BY THE CITY.
- 15. WHEN PLANNED CONSTRUCTION OPERATIONS WILL TEMPORARILY OBSTRUCT OR BLOCK A DRIVEWAY, CONTRACTOR SHALL PROVIDE OWNER/TENANTS WRITTEN NOTICE 72 HOURS PRIOR TO PLANNED CONSTRUCTION. PROOF OF NOTICE SHALL BE PROVIDED TO THE CITY.
- 16. ALL STREET MONUMENTS AND OTHER PERMANENT MONUMENTS DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR. AT THE CONTRACTOR'S SOLE EXPENSE. BEFORE THE IMPROVEMENTS ARE ACCEPTED BY THE CITY, REPLACEMENT SHALL BE MADE UNDER THE DIRECTION OF A LICENSED PROFESSIONAL LAND SURVEYOR.

STRIPING NOTES

- ALL STRIPING SHALL CONFORM TO THE DESIGN AND CONSTRUCTION STANDARDS OF THE CITY OF PITTSBURG, THE LATEST EDITION OF THE CALTRANS STANDARD PLANS AND SPECIFICATIONS, AS WELL AS THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO THE DAY OF LAYOUT OF PROPOSED STRIPING. NO STRIPING OR LEGENDS SHALL BE INSTALLED UNTIL LAYOUT HAS BEEN APPROVED BY THE CITY ENGINEER OR HIS REPRESENTATIVE.
- 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LAYOUT OF ALL PROPOSED STRIPING.
- ALL STRIPING AND LEGENDS SHALL BE THERMOPLASTIC MATERIALS WITH GLASS BEADS PER CALTRANS AND MUTCD STANDARDS.
- ALL CROSSWALKS SHALL BE A MINIMUM OF 10' WIDE INSIDE DIMENSION AND CONSIST OF 12" WHITE THERMOPLASTIC STRIPES UNLESS OTHERWISE NOTED (E.G. CROSSWALKS WITHIN 600 FT OF A SCHOOL SHALL BE YELLOW). CONTINENTAL AND LADDER CROSSWALKS SHALL BE CONSTRUCTED PER CITY DETAIL T-13.
- INSTALL BLUE REFLECTIVE PAVEMENT MARKERS AT ALL FIRE HYDRANT LOCATIONS. THE PAVEMENT MARKERS ARE TO BE LOCATED IN LINE WITH THE FIRE HYDRANT IN THE MIDDLE OF THE OUTSIDE LANE.
- TRAFFIC LOOP DETECTORS SHALL BE INSTALLED AS SHOWN ON STRIPING PLANS. REPLACE THE LOOP DETECTORS REMOVED OR DAMAGED BY THE 2-INCH MILL. LOOP DETECTORS SHALL BE INSTALLED PER CALTRANS STANDARD PLAN ES-5B.
- SEE TECHNICAL SPECIFICATION "TRAFFIC SIGNALS AND LIGHTS" FOR ALL TRAFFIC LOOP DETECTOR SPECIFICATIONS. SEE SECTIONS 34 41 00 - 15 AND 34 41 00 - 43 FOR VEHICLE DETECTION SYSTEMS AND INDUCTIVE LOOP INSTALLATION SPECIFICATIONS.

PAVING NOTES

- 1. EXACT LOCATIONS AND DIMENSIONS OF BASE REPAIR / DIG OUTS SHALL BE DETERMINED AND MARKED IN THE FIELD BY THE CONTRACTOR AND ENGINEER. THE AGREED UPON DIMENSIONS SHALL BE RECORDED BEFORE THE START OF ANY BASE REPAIR WORK AS THIS WILL BE THE MEASUREMENT OF PAYMENT AND NO ADDITIONAL WORK OUTSIDE THE AGREED UPON AREA WILL BE PAID FOR.
- 2. AFTER BASE REPAIR, HMA (TYPE A) PLUG SHALL BE PLACED IN LIFTS WITH PAVING MACHINE AS SHOWN IN DETAIL 10 SHEET CD-2 BELOW.
- 3. TACK COAT SHALL BE APPLIED TO ALL SURFACES PRIOR TO PLACEMENT OF EACH LIFT OF HMA AS SHOWN ON DETAIL 10.
- 4. THE 2-INCH MILL AND OVERLAY SHALL BE CONSTRUCTED AS SHOWN IN DETAIL 11.
- 5. DEPTH OF PAVEMENT REPAIRS SPECIFIED ON THE PLANS SHALL BE MEASURED FROM THE EXISTING PAVEMENT SURFACE.
- AGGREGATE FOR ASPHALT CONCRETE BASE FAILURE REPAIRS, ASPHALT CONCRETE PAVEMENT REPAIRS. WEDGE COURSES. BOTTOM LAYERS OF ASPHALT CONCRETE AND BOTTOM LAYER OF ASPHALT CONCRETE INLAYS SHALL BE THE 3/4-INCH HMA TYPE A AGGREGATE GRADATION SPECIFIED IN SECTION 39, "AGGREGATE" OF THE CALTRANS STANDARD SPECIFICATION.
- 7. AGGREGATE FOR ASPHALT CONCRETE OVERLAYS, TOP LAYER OF ASPHALT CONCRETE. TOP LAYER OF ASPHALT CONCRETE INLAYS, AND LEVELING COURSES, SHALL BE TYPE A HMA WITH 1/2-INCH NOMINAL MAXIMUM SIZE AGGREGATE (AS PER CALTRANS STANDARD SPECIFICATION).

ABBREVIATIONS

AGGREGATE BASE AC ASPHALTIC CONCRETE OR ACRE

AD **CHANGE IN GRADE**

BCR **BEGINNING OF CURB RETURN** CONC CONCRETE CENTERLINE

CONST CONSTRUCT CTE **CONFORM TO EXISTING**

DWY DRIVEWAY **ECR END OF CURB RETURN**

EX **EXISTING** EΡ **FDGF OF PAVEMENT EASE** EASEMENT

FG **FINISH GRADE** FIRE HYDRANT FΗ HOT MIX ASPHALT LENGTH

LIMIT LINE (12" WHITE LINE) MAX MAXIMUM

MIN MINIMUM

NTS NOT TO SCALE POINT OF INTERSECTION PROPERTY LINE

RIGHT OF WAY R/W STA STATION **TEMP TEMPORARY** TYP **TYPICAL**



 \circ

PROJE

G-1



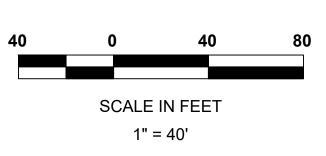
- 1. AFTER 2-INCH MILL CONTRACTOR SHALL INSPECT THE MILL AREA WITH CITY REPRESENTATIVE / ENGINEER AND IDENTIFY AREAS THAT NEED BASE REPAIRS. THE AGREED UPON DIMENSIONS SHALL BE RECORDED AS THIS WILL BE THE MEASUREMENT OF PAYMENT AND NO ADDITIONAL WORK OUTSIDE THE AGREED UPON AREA WILL BE PAID FOR.
- 2. ADA CURB RAMPS SHALL BE BUILT AS SHOWN ON PROJECT DETAILS. CONTRACTOR SHALL COMPLY WITH CALTRANS STANDARD DETAIL A88A AND CONTRA COSTA COUNTY DETAIL CA74. ADA CURB RAMPS IN THIS PROJECT REFER TO THE RAMP, DETECTABLE WARNING SURFACE, LANDING, WINGS, SIDEWALK REQUIRED TO CONFORM, AND RETAINING CURB IF APPLICABLE.

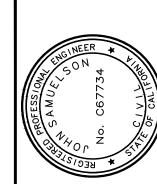
LEGEND

- INSTALL CURB RAMP CASE A, SEE DETAILS 5, 7, AND 8, SHEET CD-1
- B INSTALL CURB RAMP CASE B, SEE DETAILS 6, 7, AND 8, SHEET CD-1
- © INSTALL CURB RAMP CASE C, SEE DETAILS 3, 4, 7, AND 8, SHEET CD-1
- ADJUST EXISTING FACILITY TO GRADE, SEE DETAILS 12 & 13 SHEET CD-3

2" MILL & OVERLAY, SEE DETAIL 11, SHEET CD-2

POTENTIAL BASE REPAIR, SEE DETAIL 10 SHEET CD-2





7/12/23

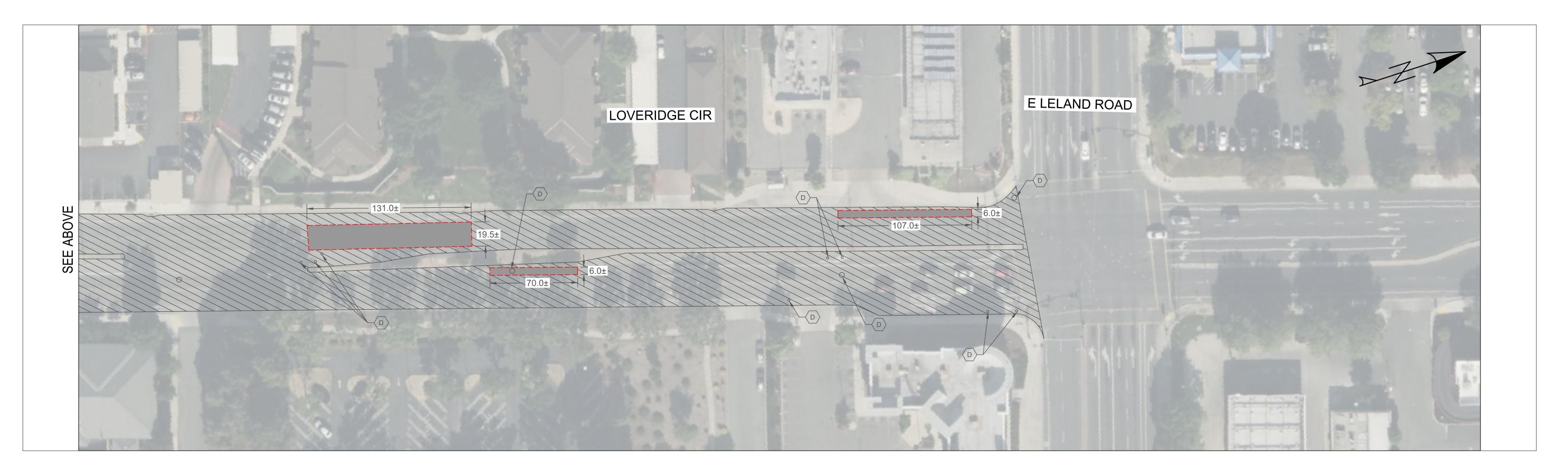
JOHN SAMUELSON

PROJECT 2033 LOVERIDGE ROAD PAVEMENT MAINTENANCE IMPROVEMENT PLANS

CHECKED: SR
REVIEWED: DJ
DATE: 7/12/23
SCALE: N/A

SHEET: 3 OF 9

SHEET NO.



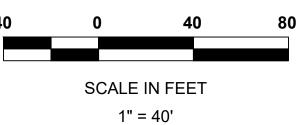
- 1. AFTER 2-INCH MILL CONTRACTOR SHALL INSPECT THE MILL AREA WITH CITY REPRESENTATIVE / ENGINEER AND IDENTIFY AREAS THAT NEED BASE REPAIRS. THE AGREED UPON DIMENSIONS SHALL BE RECORDED AS THIS WILL BE THE MEASUREMENT OF PAYMENT AND NO ADDITIONAL WORK OUTSIDE THE AGREED UPON AREA WILL BE PAID FOR.
- ADA CURB RAMPS SHALL BE BUILT AS SHOWN ON PROJECT DETAILS. CONTRACTOR SHALL COMPLY WITH CALTRANS STANDARD DETAIL A88A AND CONTRA COSTA COUNTY DETAIL CA74. ADA CURB RAMPS IN THIS PROJECT REFER TO THE RAMP, DETECTABLE WARNING SURFACE, LANDING, WINGS, SIDEWALK REQUIRED TO CONFORM, AND RETAINING CURB IF APPLICABLE.

LEGEND

INSTALL CURB RAMP CASE B, SEE DETAILS 6, 7, AND 8, SEE SHEET CD-1

ADJUST EXISTING FACILITY TO GRADE SEE DETAILS 12 & 13 SHEET CD-3

2" MILL & OVERLAY, SEE DETAIL 11, SHEET CD-2 POTENTIAL BASE REPAIR, SEE DETAIL 10



PAVEMENT MAINTENANCE ROVEMENT PLANS PROJECT 2033 ROAD

LOVERID

4 OF 9

SHEET NO.

1-2



- 1. BLUE RAISED REFLECTIVE MARKERS SHALL BE PLACED ON ROAD AT ALL FIRE HYDRANT LOCATIONS. PLACE PER CA MUTCD SECTION 3B.11.
- 2. PAVEMENT MARKERS, TRAFFIC LINES, MARKING LETTERS, AND SYMBOLS SHALL BE PLACED PER CALTRANS STANDARD PLANS A20 AND A24.
- 3. REPLACE THE LOOP DETECTORS REMOVED OR DAMAGED BY THE 2-INCH MILL. LOOP DETECTORS SHALL BE INSTALLED PER CALTRANS STANDARD PLAN ES-5B.
- 4. LOOP DETECTOR CONSTRUCTION INLUDES ALL CONDUITS AND WORK ASSOCIATED WITH REPLACEMENT.

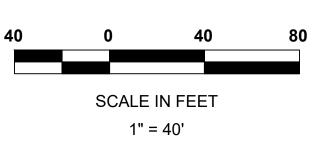
LEGEND

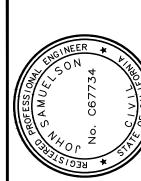
- 1 INSTALL CALTRANS BIKE LANE ARROW
- 2 INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON

3 INSTALL BICYCLE LOOP DETECTOR SYMBOL

- 4 INSTALL TYPE C LOOP DETECTOR
- 5 INSTALL CALTRANS TYPE IV ARROW
- 6 INSTALL TYPE D LOOP DETECTOR
- $\langle 7 \rangle$ INSTALL TYPE E LOOP DETECTOR

- 8 INSTALL CALTRANS DETAIL 38A
- 9 INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
- (10) INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
- INSTALL YELLOW CONTINENTAL CROSSWALK, CITY DETAIL T-13
- INSTALL YELLOW LADDER CROSSWALK, CITY DETAIL T-13
- (13) INSTALL WHITE CONTINENTAL CROSSWALK, CITY DETAIL T-13
- (14) INSTALL CALTRANS DETAIL 9
- (15) INSTALL CALTRANS DETAIL 22
- (16) INSTALL CALTRANS DETAIL 24
- > INSTALL CALTRANS DETAIL 38
- (18) INSTALL CALTRANS DETAIL 39 \langle 19 \rangle INSTALL CALTRANS DETAIL 39A

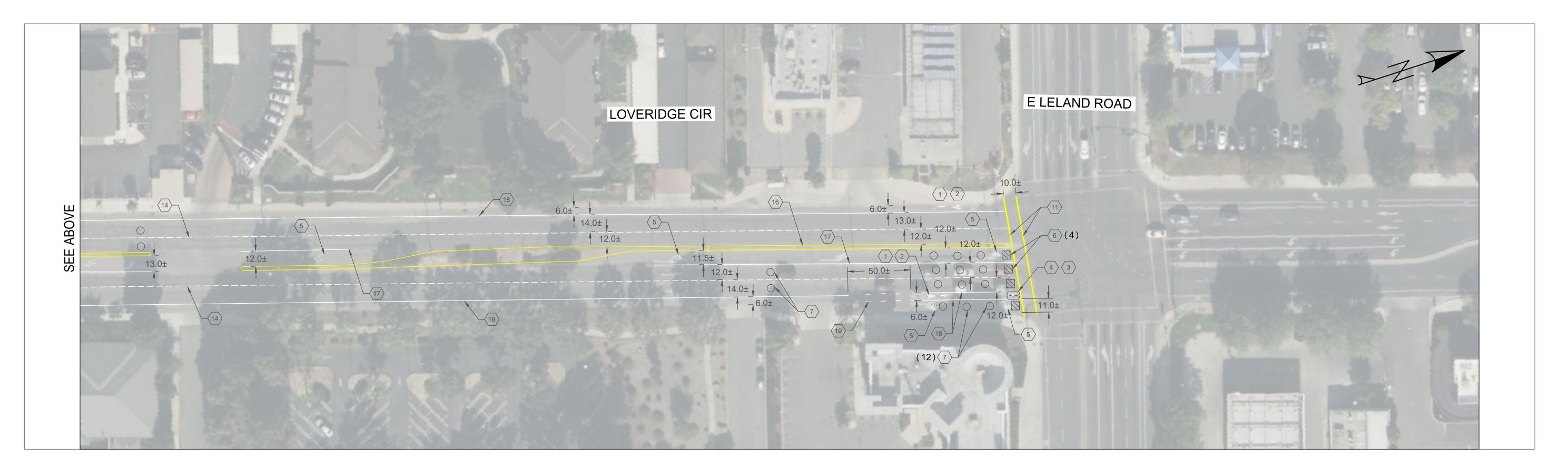




ROAD PAVEMENT MAINTENANCE STRIPING PLANS PROJECT 2033 LOVERIDGE

5 OF 9 SHEET NO.

ST-1

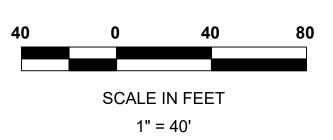


- 1. BLUE RAISED REFLECTIVE MARKERS SHALL BE PLACED ON ROAD AT ALL FIRE HYDRANT LOCATIONS. PLACE PER CA MUTCD SECTION 3B.11.
- 2. PAVEMENT MARKERS, TRAFFIC LINES, MARKING LETTERS, AND SYMBOLS SHALL BE PLACED PER CALTRANS STANDARD PLANS A20 AND A24.
- 3. REPLACE THE LOOP DETECTORS REMOVED OR DAMAGED BY THE 2-INCH MILL. LOOP DETECTORS SHALL BE INSTALLED PER CALTRANS STANDARD PLAN ES-5B.
- 4. LOOP DETECTOR CONSTRUCTION INLUDES ALL CONDUITS AND WORK ASSOCIATED WITH REPLACEMENT.

LEGEND

- (1) INSTALL CALTRANS BIKE LANE ARROW
- (2) INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
- 3 INSTALL BICYCLE LOOP DETECTOR SYMBOL
- $\overline{\langle}^4\rangle$ INSTALL TYPE C LOOP DETECTOR
- $\langle 5 \rangle$ INSTALL CALTRANS TYPE IV ARROW
- INSTALL TYPE DI COR DETECTOR
- 6 INSTALL TYPE D LOOP DETECTOR
- 7 INSTALL TYPE E LOOP DETECTOR

- 8 NOT USED
- 9 NOT USED
- (10) NOT USED
- 11 INSTALL 12" YELLOW CROSSWALK / LIMIT LINE
- 13 INSTALL YELLOW CONTINENTAL CROSSWALK, CITY DETAIL T-13
- $\langle 14 \rangle$ INSTALL CALTRANS DETAIL 9
- INSTALL CALTDANS DETAIL 22
- (15) INSTALL CALTRANS DETAIL 22
- 6 INSTALL CALTRANS DETAIL 24
- 17 INSTALL CALTRANS DETAIL 38
 18 INSTALL CALTRANS DETAIL 39
- (19) INSTALL CALTRANS DETAIL 39A





7/12/23 SAMUELSON Date

JOHN SAMUEI

PROJECT 2033 LOVERIDGE ROAD PAVEMENT MAINTENANCE STRIPING PLANS

SAN DATE

SOLA PROPERTION

BY DRAW

CHECH

C

ST-2

NOTE2: SEE SPECIFICATIONS FOR ALL ELELMENTS OF WORK

NOTE 1: PRIOR TO

-REPLACE SIDEWALK AT MINIMUM

TO NEAREST SCORE JOINT

-SAW CUT

AS REQUIRED TO CONFORM

DETAIL 4 - SIDE WALK & CASE C RAMP

NOT TO SCALE, SEE IMPROVEMENT PLANS FOR LOCATIONS

-6" RETAINING CURB AT

-DETECTABLE

7.5% MAX.

EDGE OF SIDEWALK

WARNING SURFACE

→ VARIES -

ON PLANS

-REPLACE STD. CURB

AND GUTTER AS SHOWN

→5' MIN. →

REPLACE SIDEWALK AT MINIMUM

TO NEAREST SCORE JOINT

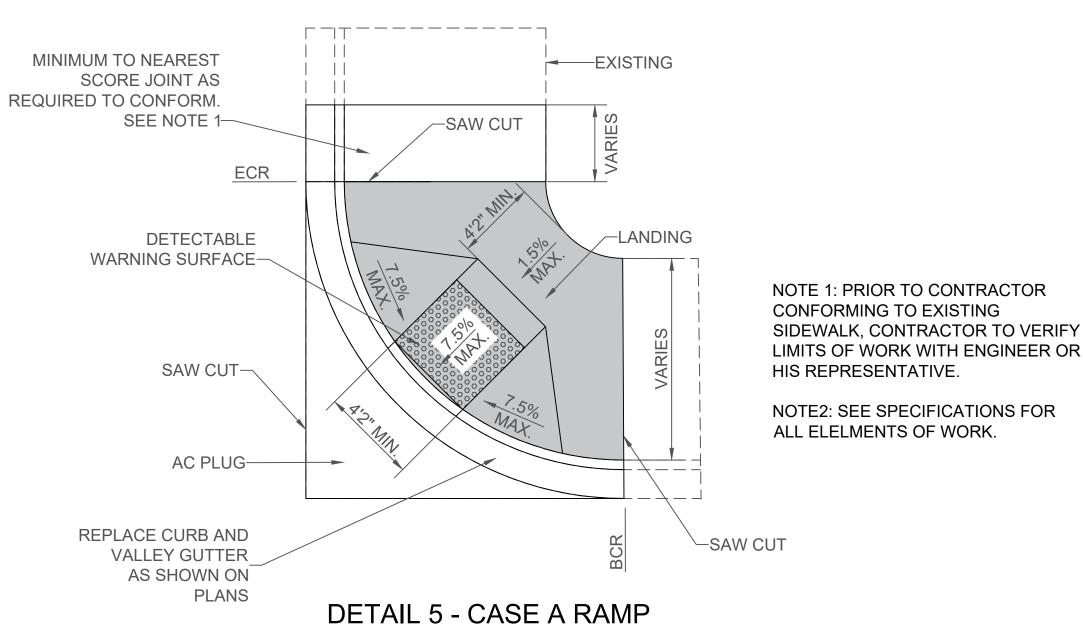
AS REQUIRED TO CONFORM

SEE NOTE 1-

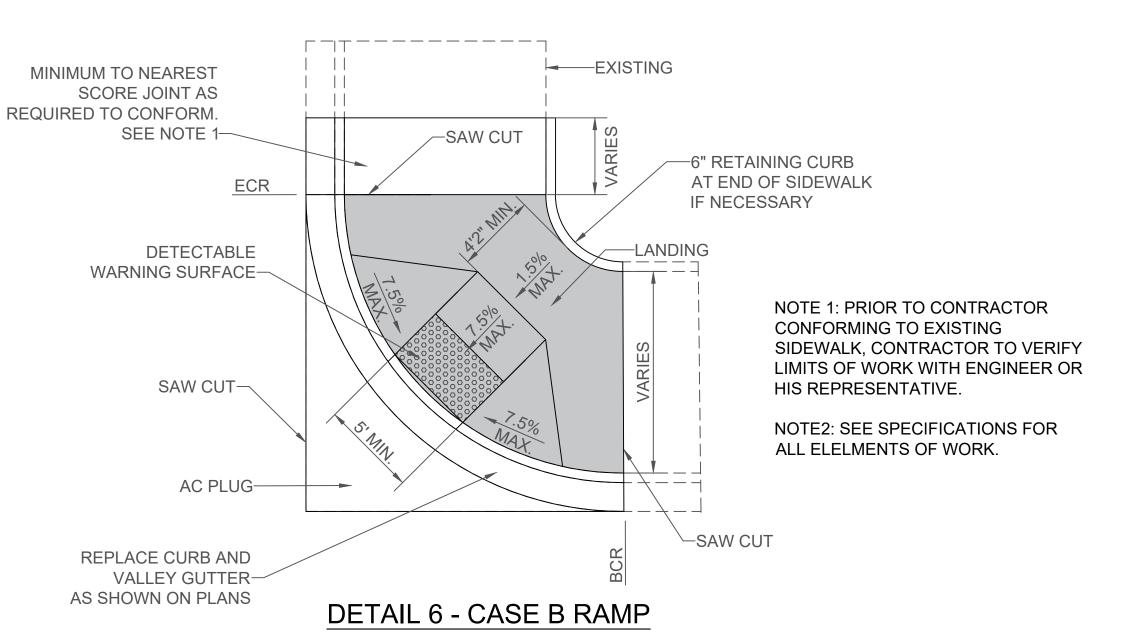
SAW CUT-

MAX. - \

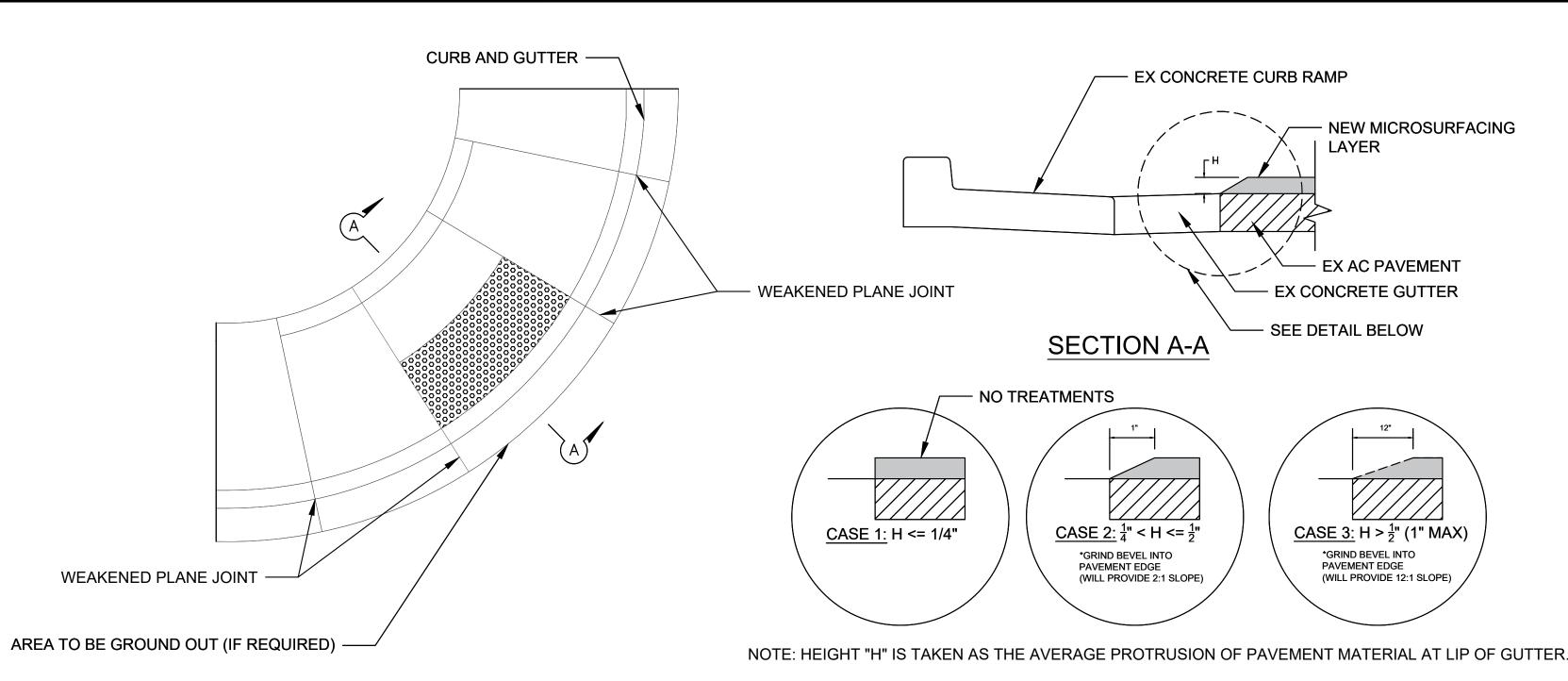
VARIES



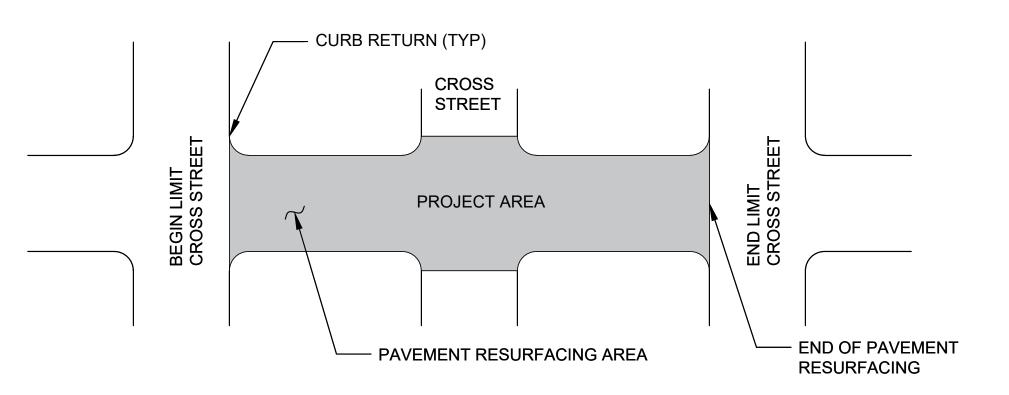
NOT TO SCALE, SEE IMPROVEMENT PLANS FOR LOCATIONS



NOT TO SCALE, SEE IMPROVEMENT PLANS FOR LOCATIONS

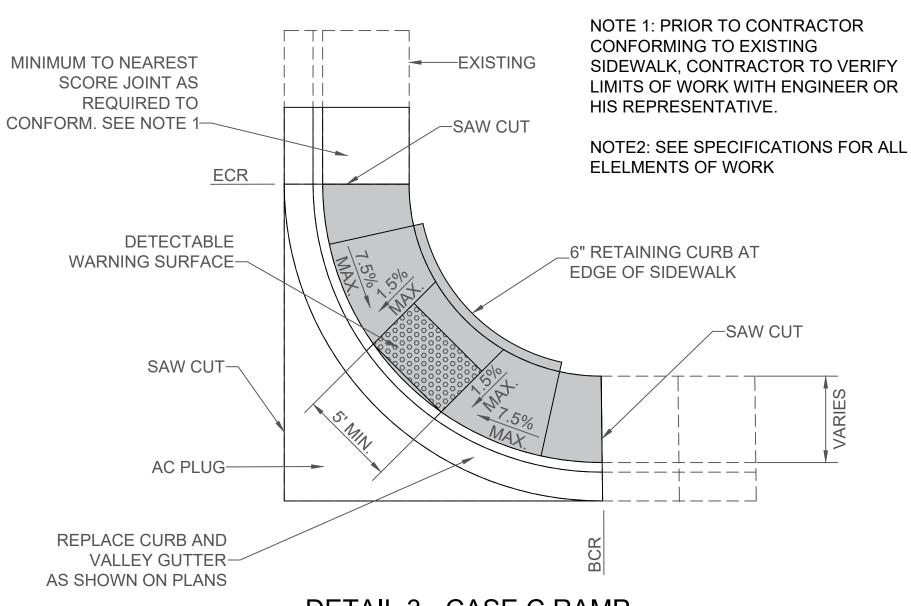


DETAIL 1 NOT TO SCALE



NOTE: HEIGHT "H" IS TAKEN AS THE AVERAGE PROTRUSION OF PAVEMENT MATERIAL AT LIP OF GUTTER.

DETAIL 2 - PAVEMENT RESURFACING LIMITS NOT TO SCALE



DETAIL 3 - CASE C RAMP

NOT TO SCALE, SEE IMPROVEMENT PLANS FOR LOCATIONS

ORIGINAL PAGE SIZE: 22"X34"

MAINTENANC

DETAILS CIVIL LOVERIDG

2033

7 OF 9 SHEET NO.

SHEET:

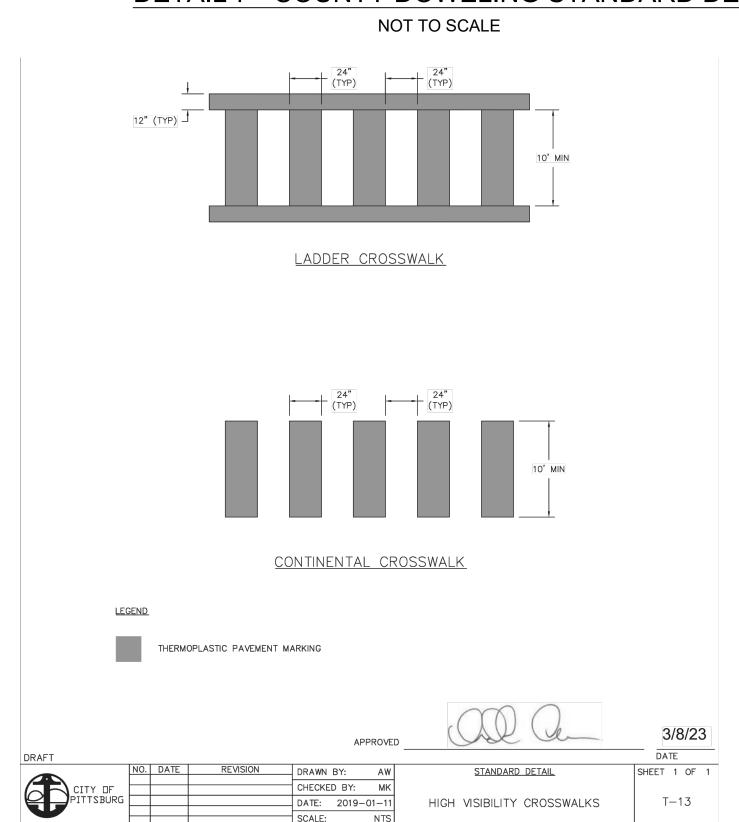
CD-1



DOWELING LOCATION FOR NEW

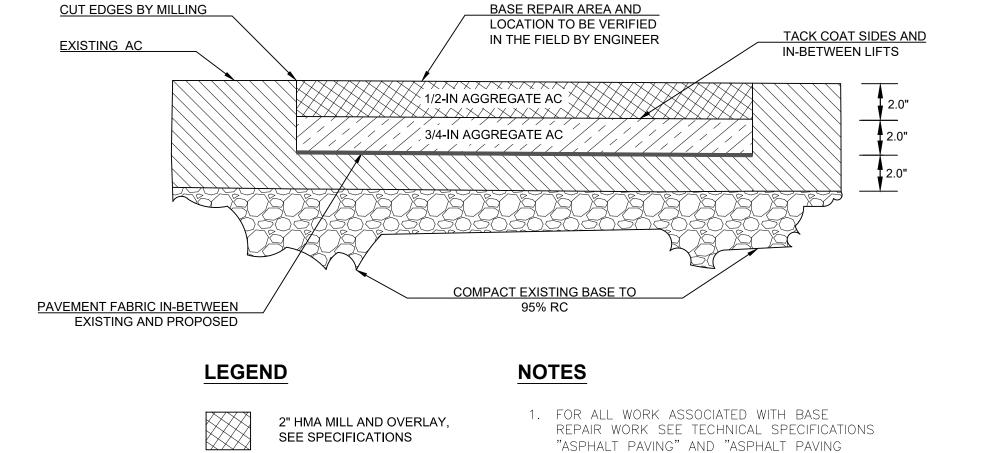
CURB CONFORMING TO EXISTING CURB

Sawcut Exist Pvmt



DETAIL 9 - CITY OF PITTSBURG STANDARD DETAIL

NOT TO SCALE



SIDEWALK

CROSSWALK IF PROVIDED

DETAIL A

TYPICAL TWO-RAMP

CORNER INSTALLATION

BASE REPAIR AREA, SEE NOTE 2 PAVEMENT FABRIC, TENSAR GLASPAVE 50

EXISTING AC

The County of Contra Costa or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

1. All curb, gutter, and sidewalk shall conform to

3. Dowels shall be placed in a $\frac{1}{4}$ " diameter drilled

When replacing existing curb on existing alignment

and grade, sawcut existing pavement 6" from gutter lip (or face of curb for Type 'B' curb replacement).

Remove existing HMA and base to minimum 6" depth,

compact subgrade and replace with full depth HMA.

If placing new curb, sawcut pavement minimum of 12"

inside existing edge of pavement, EP, unless otherwise

otherwise specified on the plans or as required by the

COUNTY OF CONTRA COSTA PUBLIC WORKS DEPARTMENT

STANDARD PLAN

DOWELING DETAILS FOR

CURB AND SIDEWALK

DRAWN BY H. HUSSEY PLAN NO

directed on project plans. New pavement structural

section shall be 0.5' HMA, 0.0' AB minimum unless

5. Paving at the gutter lip shall conform to Detail A

6. If W>5' add additional doweling, 4' maximum spacing

SCALE: NO SCALE

BY CHECKED BY: M. HOLLINGSWORTH

of Standard Plan CA70. When the street slopes away from the curb, the paving shall match the

hole filled with 1:1 sand cement grout.

Public Works Department.

2. Concrete sidewalk removed for replacement construction

shall be sawcut to a neat line at the nearest weakened plane joint, expansion joint or scoremark.

Standard Plans CA70 and CA71.

DETAIL 8 - CALTRANS CURB RAMP STANDARD DETAIL

7.5% Max

SEE NOTE 8

SIDEWALK

CROSSWALK IF PROVIDED

DETAIL B

TYPICAL ONE-RAMP

<u>CORNER INSTALLATION</u>

1.5% Max

RETAINING CURB IF NECESSARY

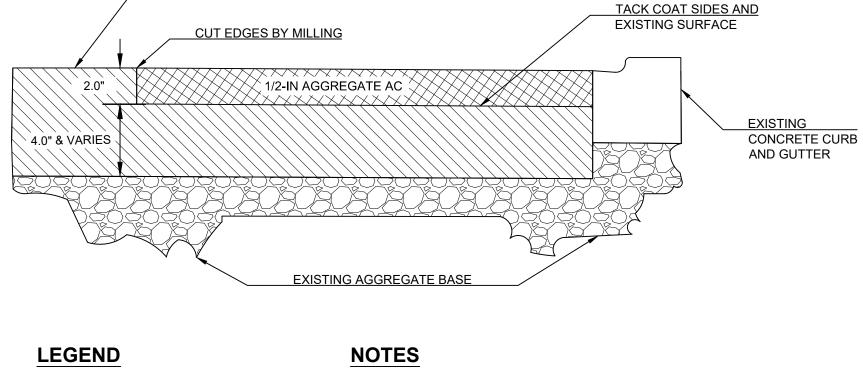
SECTION B-B

Depress entire sidewalk as required

SECTION C-C

EXISTING AC

NOT TO SCALE



2" HMA MILL AND OVERLAY, SEE NOTE 1 **EXISTING AC**

OVERLAY SEE TECHNICAL SPECIFICATIONS "ASPHALT PAVING" AND "ASPHALT PAVING REHABILITATION." 2. ENGINEER AND CONTRACTOR SHALL INSPECT

1. FOR ALL WORK ASSOCIATED WITH MILL AND

boundaries of the curb ramp will be relocated or adjusted to grade by the owner prior to, or in conjunction with, curb ramp construction.

SEE NOTE 8

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS

NO SCALE

GUTTER PAN TRANSITION

NOTE 9

A88A

13. Detectable warning surface may have to be cut to allow removal of utili covers while maintaining detectable warning width and depth.

√ TRANSITION

PAVEMENT 3'-0" Typ SEE

ROADWAY AFTER TWO (2) INCH MILL AND DETERMINE THE BASE REPAIR AREA. SEE IMPROVEMENT PLANS.

DETAIL 10 - BASE REPAIR NOT TO SCALE

REHABILITATION."

IMPROVEMENT PLANS.

2. ENGINEER AND CONTRACTOR SHALL INSPECT

DETERMINE THE BASE REPAIR AREA. SEE

ROADWAY AFTER TWO (2) INCH MILL AND

DETAIL 11 - 2 INCH MILL & OVERLAY

NOT TO SCALE

MAINTENANC 2033 CIVIL RID

SHEET: 8 OF 9 SHEET NO.

CD-2

ORIGINAL PAGE SIZE: 22"X34"

along entire back of curb.

SECTION A-A

TYPE S1 CURB

SECTION B-B

| Weakened plane | or Exp Jt

LOCATIONS FOR REPLACEMENT SIDEWALK

SCALE NO SCALE DATE 3/14

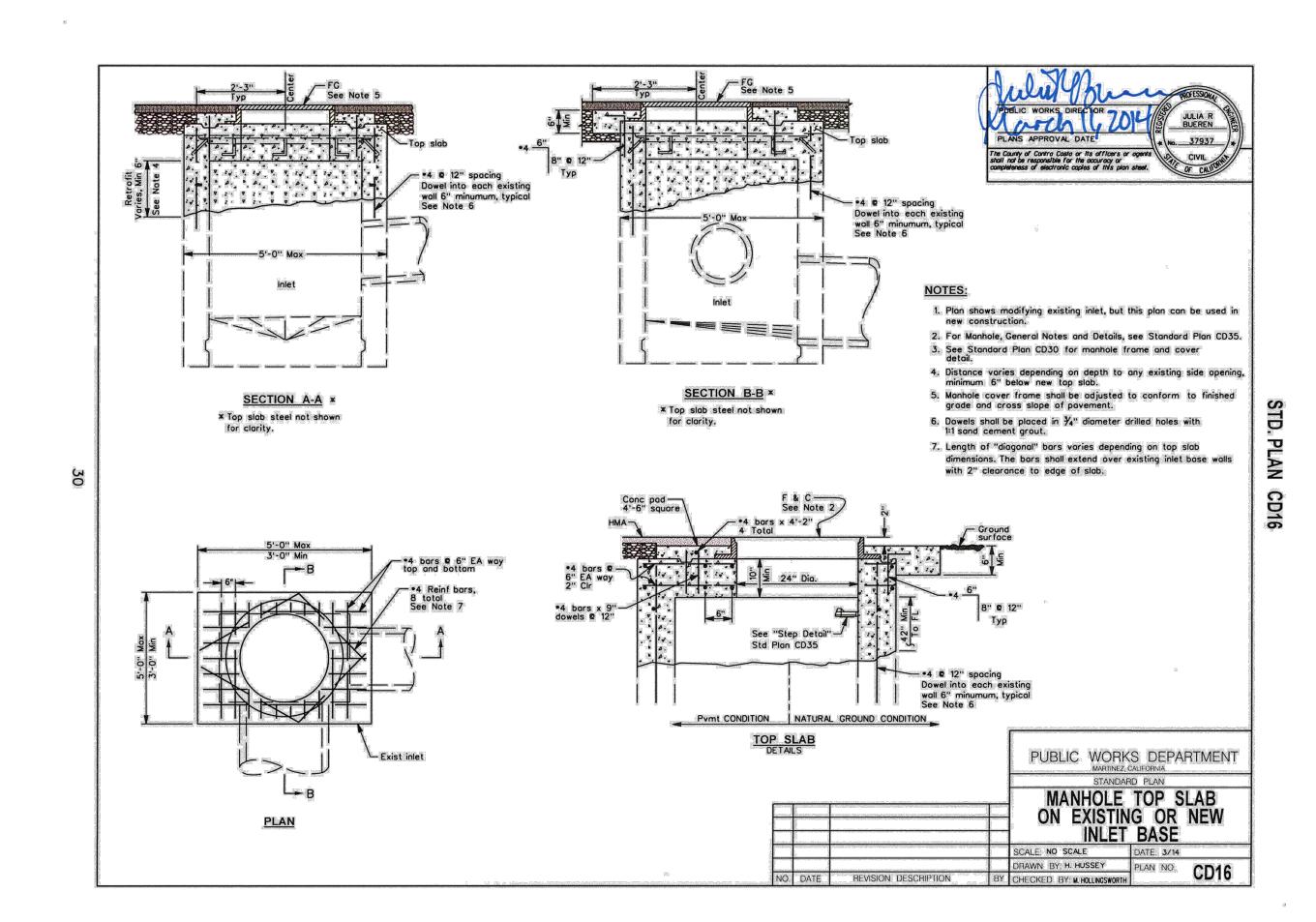
DRAWN BY L. COSTA

BY CHECKED BY R. Zwemmer

CA40

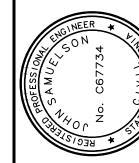
DETAIL 12 - ADJUST SURVEY MONUMENT TO GRADE

NOT TO SCALE



DETAIL 13 - ADJUST MANHOLE TO GRADE

NOT TO SCALE



PREPARED UNDEK THE DIRECTION 7



PROJECT 2033
SOAD PAVEMENT MAINTENANCE
CIVIL DETAILS

CHECKED: SR
REVIEWED: DJ
DATE: 7/12/23
SCALE: N/A

9 OF 9 SHEET NO.

CD-3