

Agenda Report Reviewed By:  
City Manager: 

**CITY OF SEBASTOPOL  
CITY COUNCIL  
AGENDA ITEM**

Meeting Date: November 5, 2019  
To: Honorable Mayor and Honorable City Councilmembers  
From: Henry Mikus, Engineering Manager  
Subject: Approval of Authorization for Bids for Contract 2019-01 ADA Curb Ramp Upgrades along SR 116.  
Recommendation: Adopt a minute order authorizing staff to advertise for bids for the project.  
Funding: Currently Budgeted:  Yes  No  N/A  
Net General Fund Cost: \$   none    
Project estimate \$451,920 which is planned to be evenly split (\$225,960/year) between FY 19-20 & FY 20-21  
For FY 19-20 money will come from SB1 (fund 217, \$125,000), Measure M pave (fund 201, \$55,000), & Traffic Impact Fee (fund 213 \$45,960)  
For FY 20-21 money will come from SB1 (fund 217, \$125,000) & Traffic Impact Fee (fund 213 \$100,960)

**INTRODUCTION:**

Sebastopol had long desired to have bike lanes along its streets, which was complicated because of State ownership of both SR 12 and SR 116 through the City. However, in 2016 City staff were successful in approaching Caltrans to do a joint project as part of planned repaving of SR 116 through Sebastopol. Caltrans agreed to add bike lanes when restriping the new paving. The City provided Caltrans the bike lanes design to incorporate into their contract package, and the City agreed to do some ADA curb ramp upgrades which were required to be done as part of repaving. Otherwise, Caltrans had no funding source for the curb ramps which had prevented their project from implementation until that point.

**BACKGROUND:**

During Fall 2016 staff went through an RFP process and identified KASL Engineers as the best choice to do the engineering designs and bid package for the ADA Curb Ramps, which included obtaining Caltrans design approval and getting a Caltrans encroachment permit. City Council approved KASL for the project in October 2016. The first submittal to Caltrans occurred March 2017. After multiple reviews and submittals, finally late Spring 2019 the City received Caltrans design approval and the Caltrans encroachment permit, allowing the bid process to proceed. Staff is seeking Council concurrence to initiate the bid process.

**DISCUSSION:**

The current climate regionally for construction project bids is very challenging, as the post-wildfire construction efforts have resulted in rather large and frequent price increases. Staff's observation has been that bidding projects over winter before contractors fill their available construction season capacity results in somewhat better pricing, hence staff's recommendation to issue bid packages now. However, this timing makes it likely the work will need span the summer thus be done over two fiscal years. Thus the finding plan for the project spans two years with funding sources as listed:

FY 19-20: \$225,960/year  
SB1 (fund 217, \$125,000)  
Measure M pave (fund 201, \$55,000)  
Traffic Impact Fee (fund 213 \$45,960)  
FY 19-20: \$225,960/year  
SB1 (fund 217, \$125,000)  
Traffic Impact Fee (fund 213 \$100,960)

Total project estimate is \$451,920

**RECOMMENDATION:**

That the City Council direct staff to issue the project for bids.

**ATTACHMENTS:**

ADA Curb Ramps Design Drawings  
ADA Curb Ramps Specifications & Bid Package

INDEX OF PLANS

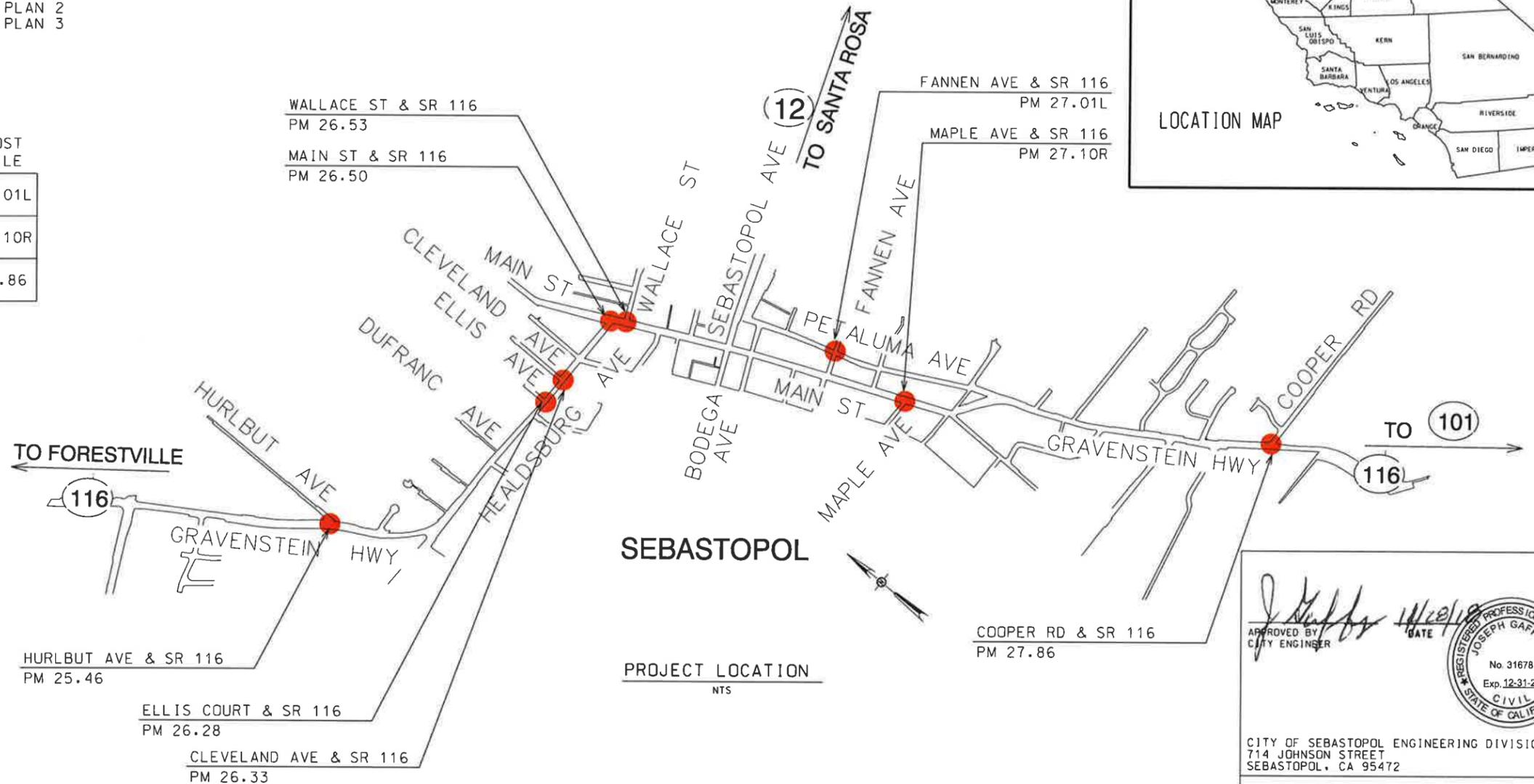
| SHEET No. | DESCRIPTION                              |
|-----------|--|
| 1         | TITLE AND LOCATION MAP                   |
| 2         | GENERAL NOTES                            |
| 3         | VICINITY MAP & PHOTOS 1                  |
| 4         | VICINITY MAP & PHOTOS 2                  |
| 5         | HURLBUT AVE & SR 116 (GRAVENSTEIN HWY N) |
| 6         | ELLIS CT & SR 116 (HEALDSBURG AVE)       |
| 7         | CLEVELAND AVE & SR 116 (HEALDSBURG AVE)  |
| 8         | N MAIN ST & SR 116 (HEALDSBURG AVE)      |
| 9         | WALLACE ST & SR 116 (N MAIN ST)          |
| 10        | FANNEN AVE & SR 116 (PETALUMA AVE)       |
| 11        | MAPLE AVE & SR 116 (S MAIN ST)           |
| 12        | COOPER RD & SR 116 (GRAVENSTEIN HWY S)   |
| 13        | DETAILS 1                                |
| 14        | DETAILS 2                                |
| 15        | DETAILS 3                                |
| 16        | PAVEMENT DELINEATION & SIGNAGE PLAN 1    |
| 17        | PAVEMENT DELINEATION & SIGNAGE PLAN 2    |
| 18        | PAVEMENT DELINEATION & SIGNAGE PLAN 3    |

IMPROVEMENT PLANS FOR  
CITY OF SEBASTOPOL  
SONOMA COUNTY, CALIFORNIA  
**STATE ROUTE 116  
ADA SIDEWALK RAMPS**  
CITY PROJECT No. 2018-01

TO BE SUPPLEMENTED BY CALTRANS STANDARD PLANS DATED 2018



| LOCATION               | POST MILE | LOCATION            | POST MILE |
|------------------------|-----------|---------------------|-----------|
| HURLBUT AVE & SR 116   | 25.46     | FANNEN AVE & SR 116 | 27.01L    |
| ELLIS COURT & SR 116   | 26.28     | MAPLE AVE & SR 116  | 27.10R    |
| CLEVELAND AVE & SR 116 | 26.33     | COOPER RD & SR 116  | 27.86     |
| N. MAIN ST & SR 116    | 26.50     |                     |           |
| WALLACE ST & SR 116    | 26.53     |                     |           |



SEBASTOPOL

PROJECT LOCATION  
NTS

*J. Gaffney* 11/28/18  
APPROVED BY  
CITY ENGINEER  
DATE

REGISTERED PROFESSIONAL ENGINEER  
JOSEPH GAFFNEY  
No. 31678  
Exp. 12-31-20  
CIVIL  
STATE OF CALIFORNIA

CITY OF SEBASTOPOL ENGINEERING DIVISION  
714 JOHNSON STREET  
SEBASTOPOL, CA 95472

*John C. Scroggs* 11-20-18  
PROJECT ENGINEER DATE  
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER  
JOHN C. SCROGGS  
No. 26388  
Exp. 3-31-20  
CIVIL  
STATE OF CALIFORNIA

PLANS APPROVAL DATE

KASL CONSULTING ENGINEERS  
777 GREENBACK LN. STE. 104  
CITRUS HEIGHTS, CA 95631

CALL  
UNDERGROUND  
SERVICE ALERT  
1-800-642-2444  
AT LEAST 48 HOURS  
PRIOR TO EXCAVATION

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

USERNAME = JS  
DGN FILE = S:\8840-02 ADA Curb Ramp Upgrade\Plans\01-COVER-TITLE.dgn



LAST REVISION DATE PLOTTED = 1/11/2019  
TIME PLOTTED = 10:18:31 AM

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 2         | 18           |

**GENERAL NOTES**

- ALL WORKMANSHIP, CONSTRUCTION AND MATERIALS, WITHIN CALTRANS RIGHT OF WAY SHALL FOLLOW AND CONFORM TO CALTRANS 2018 STANDARD PLANS AND SPECIFICATIONS.
  - CONTRACTOR SHALL OBTAIN REQUIRED PERMITS FROM ALL AGENCIES AND PAY ALL FEES PRIOR TO COMMENCEMENT OF ANY WORK.
  - CONTRACTOR SHALL GIVE THE CITY OF SEBASTOPOL PUBLIC WORKS DEPARTMENT 48 HOURS NOTICE BEFORE STARTING WORK. CALL (707) 823-2151 OR CONTACT AT 714 JOHNSON STREET, FOR INSPECTION SERVICES.
  - A PRE CONSTRUCTION MEETING IS REQUIRED PRIOR TO BEGINNING OF WORK. CONTACT ENGINEERING MANAGER OR DIRECTOR OF PUBLIC WORKS TO SCHEDULE SUCH MEETING. CALL (707) 823-2151.
  - WORK HOURS ARE LIMITED TO MONDAY THROUGH FRIDAY, 7:00 A.M. TO 6:00 P.M. INSPECTION WILL BE AVAILABLE MONDAY THROUGH FRIDAY FROM 8:00 A.M. TO 4:30 P.M. CONTRACTORS SHALL SCHEDULE INSPECTIONS 48 HOURS IN ADVANCE BY CALLING (707) 823-2151.
  - ANY DISCREPANCY DISCOVERED BY CONTRACTOR IN THESE PLANS OR ANY FIELD CONDITIONS DISCOVERED BY CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK PER THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEERING MANAGER OR DIRECTOR OF PUBLIC WORKS IMMEDIATELY UPON DISCOVERY. NOTIFICATION SHALL BE IN WRITING.
  - ITEMS SPECIFIED ON THE STANDARD PLANS ARE APPROVED FOR USE BY THE CITY OF SEBASTOPOL. ALL SUBSTITUTES OR ALTERATIONS SHALL BE SUBMITTED TO THE CITY OF SEBASTOPOL FOR REVIEW AND APPROVAL PRIOR TO USE.
  - DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING NOISE, ODORS, DUST AND DEBRIS TO MINIMIZE IMPACTS ON SURROUNDING PROPERTIES AND ROADWAYS. CONTRACTOR SHALL BE RESPONSIBLE TO ASSURE THAT ALL CONSTRUCTION EQUIPMENT IS EQUIPPED WITH MANUFACTURERS APPROVED MUFFLERS AND BAFFLES. FAILURE TO COMPLY MAY RESULT IN THE ISSUANCE OF A STOP WORK ORDER.
  - IN THE EVENT THAT ARCHEOLOGICAL SITE INDICATORS (CHIPPED CHERT, OBSIDIAN TOOLS, WASTE FLAKES, GRINDING IMPLEMENTS, DARKENED SOIL CONTAINING BONE FRAGMENTS AND SHELLFISH REMAINS, OR CERAMICS, GLASS OR METAL FRAGMENTS) ARE UNCOVERED, THE ENGINEERING MANAGER OR DIRECTOR OF PUBLIC WORKS SHALL BE CONTACTED IMMEDIATELY. ALL GROUND DISTURBING WORK SHALL CEASE IN THE VICINITY OF ANY DISCOVERY UNTIL AN ARCHEOLOGIST COMPLETES AN EVALUATION OF SIGNIFICANCE.
  - IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING CONSTRUCTION, THE CONTRACTOR SHALL HALT CONSTRUCTION IMMEDIATELY, NOTIFY THE CITY, AND IMPLEMENT REMEDIATION (AS DIRECTED BY THE CITY OR ITS AGENT) IN ACCORDANCE WITH ANY REQUIREMENTS OF THE SONOMA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT AND THE NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD.
  - THE CONTRACTOR SHALL BE REQUIRED TO MAINTAIN TRAFFIC FLOW ON AFFECTED ROADWAYS DURING NON-WORKING HOURS, AND TO MINIMIZE TRAFFIC RESTRICTION DURING CONSTRUCTION. NO EXISTING STREET SHALL BE ALLOWED TO BE COMPLETELY CLOSED WITHOUT THE EXPRESSED WRITTEN PERMISSION OF THE DIRECTOR OF PUBLIC WORKS. THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW TRAFFIC SAFETY MEASURES IN ACCORDANCE WITH THE CALTRANS "MANUAL OF TRAFFIC SAFETY CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES." THE CITY'S EMERGENCY SERVICE PROVIDERS SHALL BE NOTIFIED OF PROPOSED CONSTRUCTION SCHEDULED BY THE CONTRACTOR(S). THE CONTRACTOR(S) SHALL NOTIFY EMERGENCY SERVICE PROVIDERS IN WRITING AT LEAST 24 HOURS IN ADVANCE OF ITS PROPOSED SCHEDULE OF WORK.
  - LIST OF AGENCIES TO BE CONTACTED PRIOR TO TRAFFIC DISRUPTION SHALL INCLUDE BUT NOT BE LIMITED TO: SEBASTOPOL UNIFIED SCHOOLS, POST OFFICE, SOLID WASTE HAULER, SEBASTOPOL POLICE DEPARTMENT, FIRE DEPARTMENT, AMBULANCE SERVICE.
  - ALL EXISTING OR PROPOSED OVERHEAD AND UNDERGROUND UTILITIES SHALL BE PROTECTED THROUGHOUT THE CONSTRUCTION OF THE PROJECT IMPROVEMENTS.
  - CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR REVIEW AND APPROVAL BY THE ENGINEERING MANAGER OR DIRECTOR OF PUBLIC WORKS NOT LESS THAN 10 DAYS PRIOR TO START OF CONSTRUCTION.
- NOTIFICATION FOR INSPECTIONS**  
**NOTIFICATION FOR INSPECTIONS**  
 APPROVAL OF ALL WORK SHALL BE NECESSARY AT THE COMPLETION OF EACH OF THE FOLLOWING STAGES OF WORK AND SUCH APPROVAL MUST BE OBTAINED BEFORE SUBSEQUENT STAGES OF WORK MAY BE COMMENCED. ADDITIONALLY, THE INSPECTOR SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF ANY OF THE FOLLOWING STAGES OF WORK: ANY CONSTRUCTION OR EXCAVATION REQUIRING INSPECTION THAT IS UNDERTAKEN WITHOUT INSPECTION IS SUBJECT TO RECONSTRUCTION AND REEXCAVATION AT THE CONTRACTOR'S EXPENSE. INSPECTION MUST BE SCHEDULED FOR THE FOLLOWING WORK:
- PRIOR TO COMMENCEMENT OF GRADING ACTIVITIES TO CHECK FOR INSTALLATION OF ADEQUATE TREE PROTECTION FENCING, WHERE APPROPRIATE.
  - COMPACTION AND PREPARATION OF EMBANKMENTS, EXCAVATIONS, AND SUBGRADE.
  - CONSTRUCTION OF FORMS FOR ALL CONCRETE STRUCTURES, INCLUDING CURBS, GUTTERS, CURB RAMPS AND SIDEWALKS.
  - PLACING OF CONCRETE IN STRUCTURES, INCLUDING CURBS, GUTTERS, CURB RAMPS AND SIDEWALKS.
  - EXCAVATION AND BACK-FILL FOR STRUCTURES AND PIPES AND PUBLIC UTILITIES, WATER AND SEWER FACILITIES MUST BE INSPECTED BY THE CITY OF SEBASTOPOL OR BY THE COMPANY/AGENCY WITH JURISDICTION, INCLUDING PRIVATE FACILITIES.
  - PLACING AND COMPACTING OF BASE MATERIAL. IF MORE THAN ONE COURSE OR TYPE OF BASE OR SUBBASE IS TO BE USED, APPROVAL SHALL BE NECESSARY FOR EACH COURSE AND/OR TYPE.
  - PLACING OF PAVEMENT OR SURFACING. WITHIN 48 HOURS OF PAVING, ALL WATER VALVE BOXES, CLEANOUTS AND MANHOLE FRAMES AND COVERS SHALL BE BROUGHT TO FINISH GRADE AND INSPECTED.
  - FINAL CLEAN UP.
- GRADING NOTES**  
**GRADING NOTES**  
 1. STREET SUB GRADE SHALL BE COMPACTED TO A MINIMUM 95% RELATIVE COMPACTION TO A DEPTH OF NO LESS THAN 6" IN THE ROADWAY SECTION. ASPHALT CONCRETE AND CLASS 2 AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM 95% RELATIVE COMPACTION.
- THE USE OF THE SAND CONE METHODS (SUCH AS ASTM 1557 OR CAL 216) FOR DETERMINING FIELD DENSITIES WILL NOT BE ALLOWED AS A SUBSTITUTE FOR NUCLEAR GAUGE TESTING.
  - ANY EXCESS MATERIALS SHALL BE CONSIDERED THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF AWAY FROM THE JOB SITE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
  - ALL TREE PROTECTION FENCING MUST BE INSTALLED AND INSPECTED PRIOR TO COMMENCEMENT OF GRADING OPERATIONS. FENCING SHALL BE MAINTAINED THROUGHOUT.

**DUST CONTROL NOTES**

- THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE DUST CONTROL MEASURES FOR THE ENTIRE CONSTRUCTION PERIOD OF THIS PROJECT TO THE SATISFACTION OF THE ENGINEERING MANAGER OR DIRECTOR OF PUBLIC WORKS.
- CONSTRUCTION EQUIPMENT SHALL BE MAINTAINED IN PROPER WORKING ORDER AND SHALL NOT BE ALLOWED TO IDLE FOR PERIODS LONGER THAN 30 MINUTES.
- TO MINIMIZE FUGITIVE DUST AND THE RELEASE OF PM10, THE CONTRACTOR SHALL IMPLEMENT A DUST CONTROL PROGRAM. DUST CONTROL MEASURES SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
  - ACTIVE CONSTRUCTION SITE SHALL BE WATERED AS NEEDED, PREFERABLE IN THE LATE MORNING AND WHEN WORK HAS CEASED FOR THE DAY.
  - STOCKPILES OF LOOSE MATERIAL SHALL BE COVERED AT ALL TIMES, EXCEPT WHEN THIS WOULD INTERFERE WITH IMMEDIATE CONSTRUCTION ACTIVITIES.
  - ALL CLEARING, GRADING, EARTH MOVING OR EXCAVATION ACTIVITIES SHALL CEASE WHEN THE AVERAGE WIND SPEED FOR ONE HOUR EXCEEDS 20 MILES PER HOUR (MPH).
  - THE AREA DISTURBED BY EXCAVATION OR GRADING SHALL BE KEPT TO THE MINIMUM REQUIRED TO IMPLEMENT THE PROJECT.
  - WHEN TRAVELING ON EXPOSED SOILS, CONSTRUCTION SITE VEHICLE SPEED SHALL BE LIMITED TO 15 MPH.
  - HAUL VEHICLES SHALL BE COVERED WHEN NOT ACTIVELY ENGAGED IN SITE CONSTRUCTION ACTIVITY.
  - STREETS SHALL BE SWEEP REGULARLY AND KEPT FREE OF DIRT AND DEBRIS.
- ANY PROJECT RELATED DEBRIS, DEBRIS AND WASTE SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL STATUTES AND REGULATIONS.

**EROSION CONTROL NOTES**

- EROSION CONTROL MEASURES SHALL BE INSTALLED AND IN PLACE BETWEEN OCTOBER 1 AND APRIL 30. INSTALLATION SHALL BE IN ACCORDANCE WITH THE APPROVED EROSION CONTROL PLAN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTANT MAINTENANCE OF EROSION CONTROL MEASURES. SITE EROSION CONTROL SHALL BE INSPECTED BY THE CONTRACTOR AND CLEANED, AS NECESSARY, AFTER EVERY MAJOR STORM.
- AT THE END OF EACH SHIFT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP OF MUD AND DEBRIS CARRIED ONTO SURROUNDING STREETS TO THE SATISFACTION OF THE ENGINEERING MANAGER OR DIRECTOR OF PUBLIC WORKS.
- CRITICAL EARTHWORK OPERATIONS SHALL BE PERFORMED DURING THE DRY WEATHER SEASON, FROM MAY 1ST TO OCTOBER 1ST OR AS OTHERWISE APPROVED BY THE ENGINEERING MANAGER OR DIRECTOR OF PUBLIC WORKS. THE CLEARING OF EXISTING VEGETATION SHALL BE CONFINED TO WITHIN THE LIMITS OF ACTUAL EARTHWORK. INCREMENTAL DEVELOPMENT SHALL BE REQUIRED TO ENSURE THAT THE AMOUNT OF LAND CLEARED AT ANY TIME IS LIMITED TO THE AREA THAT CAN BE DEVELOPED DURING THE CONSTRUCTION PERIOD. STORM WATER SHALL NOT BE ALLOWED TO FLOW DIRECTLY DOWN UNPROTECTED SLOPES. ENERGY DISSIPATING STRUCTURES AND EROSION CONTROL DEVICES SHALL BE PLACED AT ALL DRAINAGE OUTLETS WHICH DISCHARGE TO NATURAL CHANNELS. ALL SEDIMENT TRAPS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL SUCH TIME AS THE CITY ACCEPTS MAINTENANCE RESPONSIBILITY.
- NO SOIL/MUD OR DEBRIS ALLOWED TO TRACK FROM SITE AT ANY TIME.

**GENERAL UNDERGROUND NOTES**

- NO GUARANTEE IS INTENDED THAT UNDERGROUND OBSTRUCTIONS, NOT SHOWN ON THESE PLANS, WILL NOT BE ENCOUNTERED. THOSE SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE AND THE CONTRACTOR IS CAUTIONED THAT NEITHER KASL CONSULTING ENGINEERS NOR THE CITY OF SEBASTOPOL ASSUME RESPONSIBILITY FOR ANY OBSTRUCTIONS EITHER SHOWN OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY COMPANIES WITH UNDERGROUND OR OVERHEAD FACILITIES LOCATED WITHIN THE LIMITS OF THIS PROJECT.
- CONTRACTOR SHALL NOT BEGIN EXCAVATION UNTIL ALL EXISTING UTILITIES HAVE BEEN MARKED IN THE FIELD BY THE APPLICABLE ENTITY RESPONSIBLE FOR THAT PARTICULAR UTILITY. THE CONTRACTOR SHALL NOTIFY EACH APPLICABLE ENTITY AT LEAST 72 HOURS BEFORE STARTING WORK. HAND DIGGING IS REQUIRED IF TRENCH IS WITHIN 24" OF ANY EXISTING UNDERGROUND UTILITY.
- UNDERGROUND SERVICE ALERT: CALL TOLL FREE (800) 227-2600 AT LEAST 48 HOURS PRIOR TO EXCAVATION.
- THE CONTRACTOR SHALL OBTAIN A TRENCH PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY BEFORE EXCAVATION OF TRENCHES IN EXCESS OF 5 FEET IN DEPTH. A COPY OF THE PERMIT MUST BE ON FILE WITH THE CITY BEFORE TRENCH EXCAVATION MAY BEGIN.
- CONTRACTOR SHALL UNCOVER EXISTING BURIED UTILITIES WITHIN THE LIMITS OF WORK TO VERIFY LOCATIONS AND ELEVATIONS OF UTILITIES. BURIED UTILITIES MAY INCLUDE BUT ARE NOT LIMITED TO WATER MAINS AND LATERALS, SEWER MAIN AND SERVICES, GAS MAINS AND LATERALS, ELECTRICAL DISTRIBUTION LINES, CABLE TELEVISION LINES, AND TELEPHONE LINES. ALL UTILITIES CONFLICTING WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED TO THE SATISFACTION OF THE UTILITY OWNER BEFORE THE START OF CONSTRUCTION.
- THE CONTRACTOR SHALL VERIFY EXISTING INVERTS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. THE PROJECT AND/OR DESIGN ENGINEER MAY ADJUST PROJECT GRADES, WITH CONCURRENCE FROM THE ENGINEERING MANAGER OR DIRECTOR OF PUBLIC WORKS, TO AVOID CONFLICTS.
- DISTANCES AND INVERTS ARE TO AND AT THE CENTER OF THE MANHOLES, CLEANOUTS, DROP INLETS, CATCH BASINS, AND YARD DRAINS OR AS MARKED ON THE DRAWINGS.
- ALL UNDERGROUND IMPROVEMENTS SHALL BE INSTALLED AND APPROVED PRIOR TO PAVING.
- WHERE NEW CURBS ARE CONSTRUCTED THE CONTRACTOR SHALL STAMP THE LETTER "W" ON THE FACE OF CURB DIRECTLY ABOVE WATER SERVICES, AND "S" ON THE FACE OF CURB DIRECTLY ABOVE SEWER SERVICES. AT A DRIVEWAY THE STAMP(S) SHALL BE PLACED AT THE BACK OF RAMP. THE LETTERS SHALL BE 4" HIGH AND COMPLETELY LEGIBLE.
- RECORD DRAWINGS (AS BUILTS) ARE REQUIRED TO BE SUBMITTED BY THE CONTRACTOR AT THE END OF THE PROJECT.

**SIGNING, STRIPING AND PAVEMENT MARKINGS**

- CONTRACTOR SHALL NOTIFY THE CITY OF SEBASTOPOL PUBLIC WORKS DEPARTMENT, (707) 823-2151 OF INTENT TO PLACE ANY PAVEMENT MARKER, TRAFFIC STRIPE, AND PAVEMENT MARKING LAYOUT LINES 10 WORKING DAYS BEFORE THE LAYOUT WORK IS TO BE PERFORMED. ALL LABOR EQUIPMENT AND MATERIALS SHALL BE PROVIDED BY THE CONTRACTOR.
- ALL LAYOUT WORK IS TO BE PERFORMED BY THE CONTRACTOR AND SHALL BE FIELD APPROVED BY A CITY INSPECTOR BEFORE THE ACTUAL WORK BEGINS.
- PAVEMENT MARKERS AND TRAFFIC STRIPE DETAIL REFERENCE NUMBERS ARE SHOWN ON CALTRANS STANDARD PLAN SHEETS A20-A, A20-B, AND A20-C, AND CALTRANS STANDARD PLAN SHEETS A24-B AND A24-D.
- MARKERS AND DELINEATORS SHALL BE INSTALLED AT LOCATIONS AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH STATE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE CITY OF SEBASTOPOL ENGINEERING MANAGER OR DIRECTOR OF PUBLIC WORKS.
- TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE AS SHOWN ON THE PLANS, SHALL BE INSTALLED IN ACCORDANCE WITH THE STATE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE CITY.
- ALL PAVEMENT MARKINGS, INCLUDING STOP LINES, AND ALL CHANNELIZING LINES SHALL BE THERMOPLASTIC. ALL TRAFFIC STRIPES SHALL BE THERMOPLASTIC, UNLESS OTHERWISE SHOWN OR NOTED ON THE PLANS OR DIRECTED BY THE CITY OF SEBASTOPOL.
- THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL CONFORM TO THE PROVISIONS OF SECTION 84-2 "THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS" OF THE STATE STANDARD SPECIFICATIONS.
- THERMOPLASTIC MATERIAL SHALL BE APPLIED AT A MINIMUM THICKNESS OF 0.125 INCH.
- THERMOPLASTIC MATERIAL SHALL CONFORM TO STATE STANDARD SPECIFICATION SECTION 84-2.02B "THERMOPLASTIC"
- PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 82, "SIGNS AND MARKERS" OF THE STATE STANDARD SPECIFICATIONS. PAVEMENT MARKERS SHALL BE PLACED TO A LINE APPROVED BY CITY OF SEBASTOPOL.
- EXISTING PAINTED/THERMOPLASTIC TRAFFIC STRIPES AND PAVEMENT MARKINGS AND RAISED PAVEMENT MARKERS WHICH CONFLICT WITH NEW TRAFFIC STRIPING AND PAVEMENT MARKING PLANS SHALL BE REMOVED BY THE CONTRACTOR, IN ACCORDANCE WITH SECTION 15 "EXISTING FACILITIES" OF THE STATE STANDARD SPECIFICATIONS.

REGISTRATION NO. LICENSE EXP. DATE DATE SIGNED  
 CONSULTANT DESIGN ENGINEER  
 JOHN C. SCROGGS, P.E.



| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 3         | 18           |



1 HURLBUT AVE / CA-116



2 NOT A PART OF THIS PROJECT  
HURLBUT AVE / CA-116



3 HURLBUT AVE / CA-116



4 HURLBUT AVE / CA-116

5 NOT USED



7 8 ELLIS CT / CA-116



6 NOT USED



11 CLEVELAND AVE / CA-116

9 10 NOT A PART OF THIS PROJECT  
CLEVELAND AVE / CA-116



12 13 N MAIN ST / CA-116

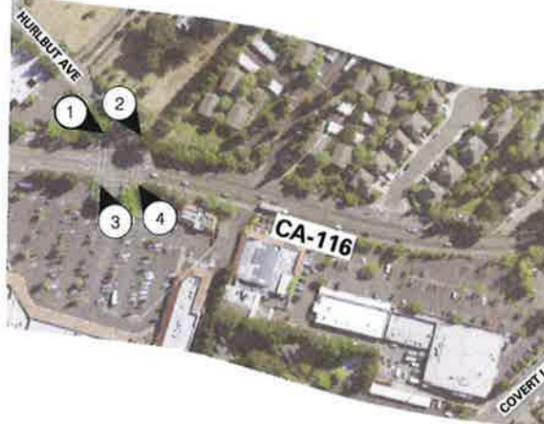


14 N MAIN ST / CA-116



15 16 WALLACE ST / CA-116

17 NOT USED



VICINITY MAP & PHOTOS 1

REGISTRATION No. DATE SIGNED  
L. LICENSE Exp. DATE  
CONSULTANT DESIGN ENGINEER  
JOHN C. SCROGGS, P.E.

USERNAME = JS  
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LAST REVISION DATE PLOTTED = 1/11/2019  
SEPT 2018 TIME PLOTTED = 10:18:45 AM

| DIST | COUNTY | ROUTE | POST MILES<br>TOTAL PROJECT | SHEET<br>NO. | TOTAL<br>SHEETS |
|------|--------|-------|-----------------------------|--------------|-----------------|
| 04   | SON    | 116   | 25.5/27.9                   | 4            | 18              |



18 19 FANNAN AVE / PETALUMA AVE



20 21 FANNAN AVE / PETALUMA AVE

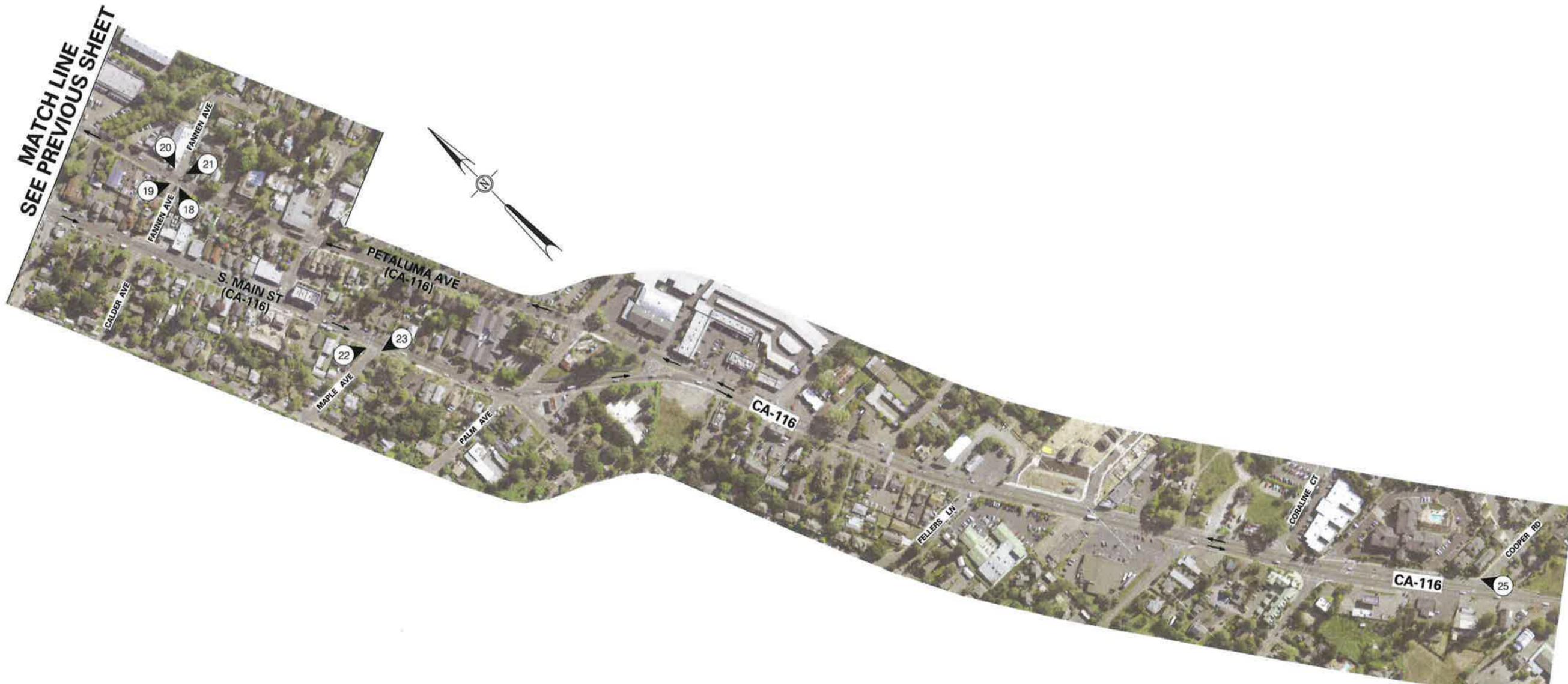


22 23 MAPLE AVE / CA-116

24 NOT USED



25 COOPER RD / CA-116



REGISTRATION NO. LICENSE Exp. DATE SIGNED  
 CONSULTANT DESIGN ENGINEER  
 JOHN C. SCROGGS, P.E.

USERNAME = JS  
 DGN FILE = S:\8840-02 ADA Curb Ramp Upgrade\Plans\04-VICINITY 2.dgn

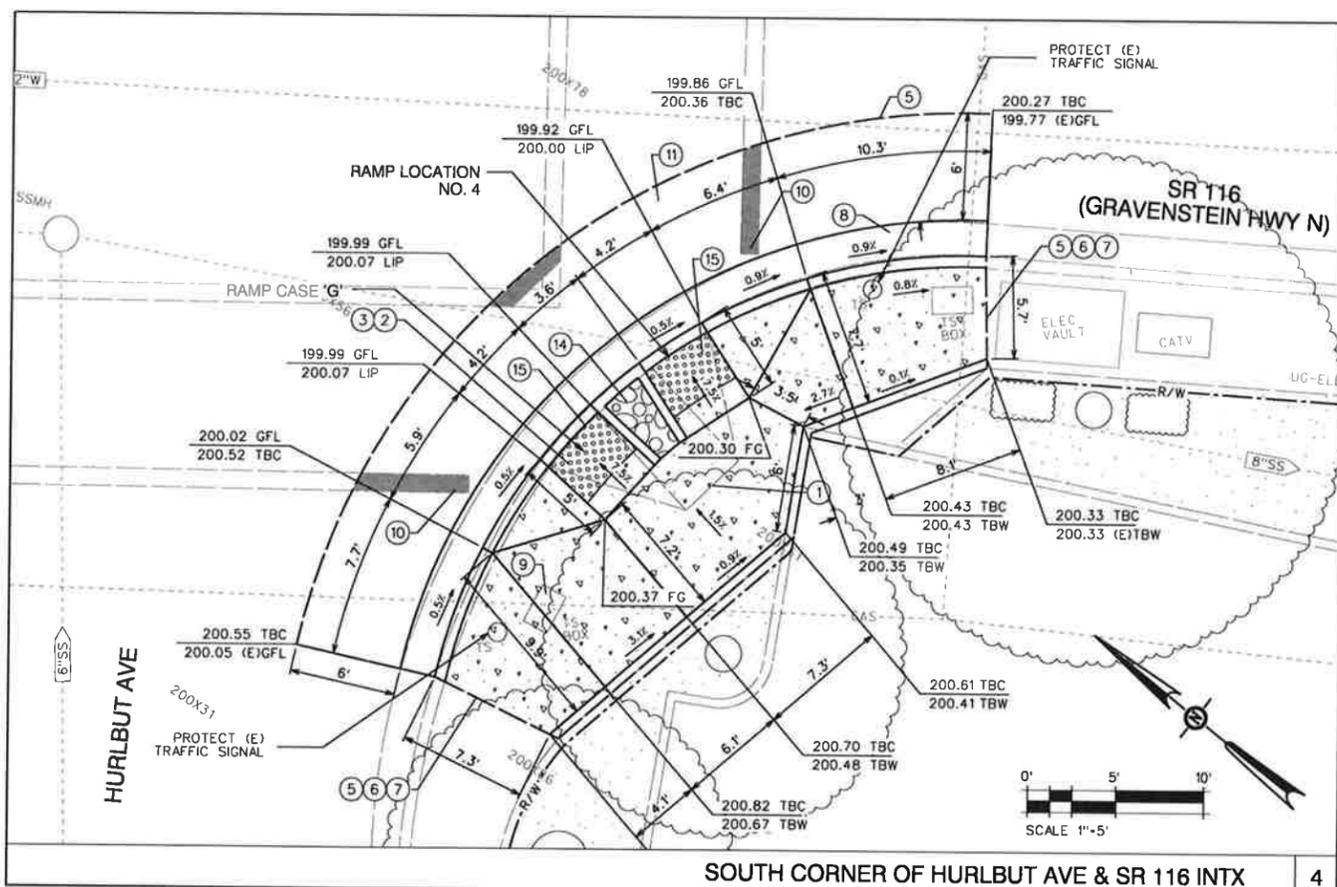
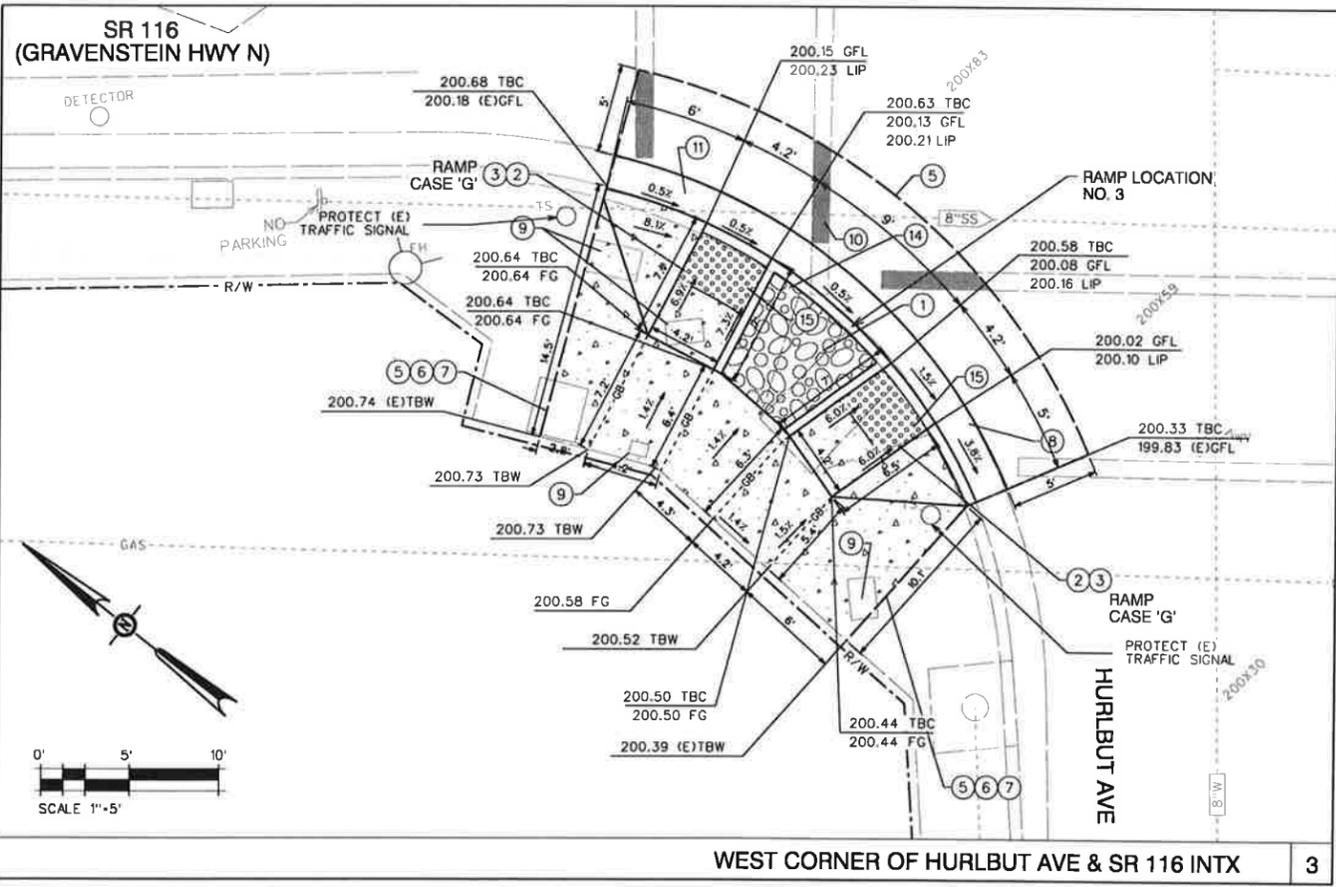
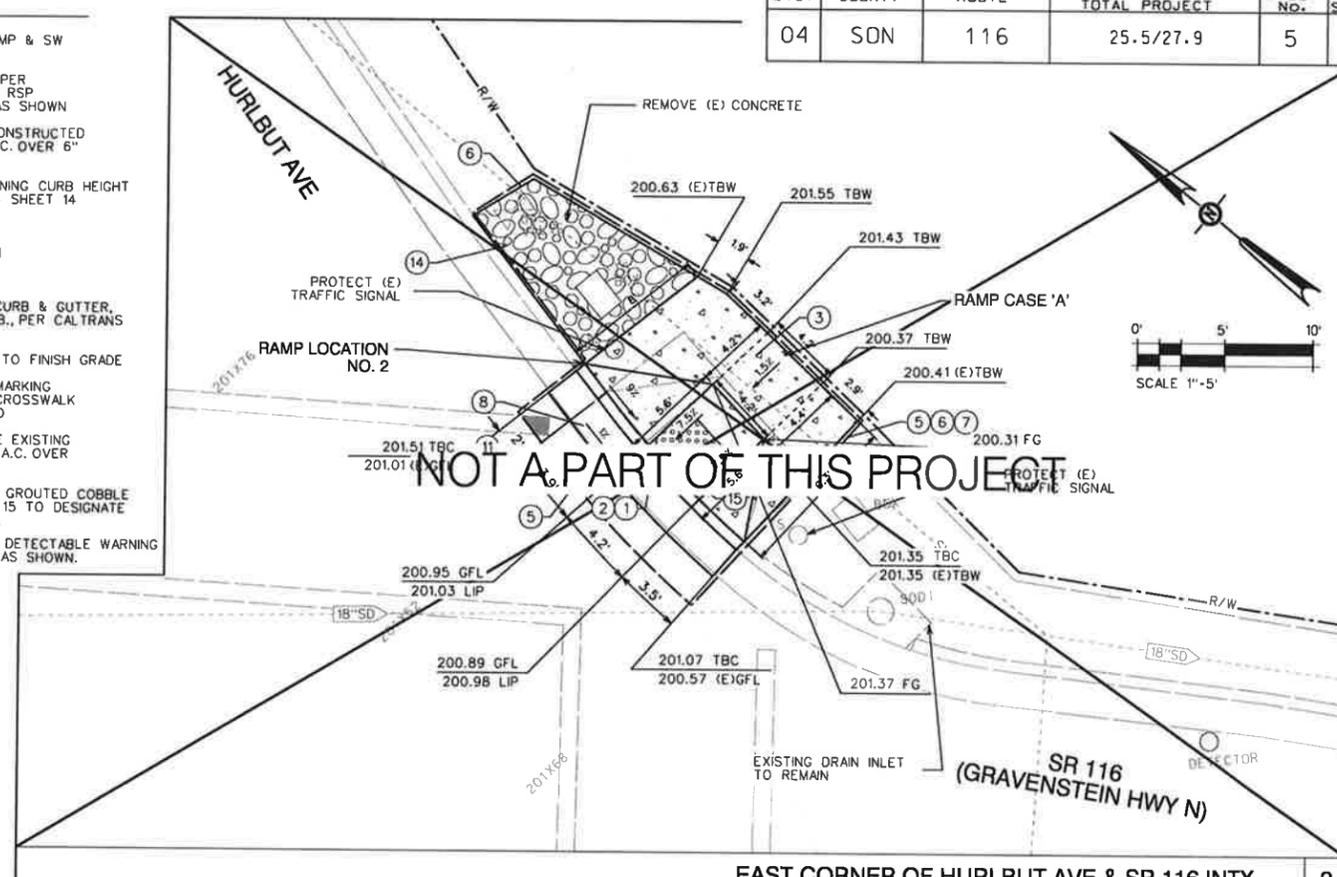
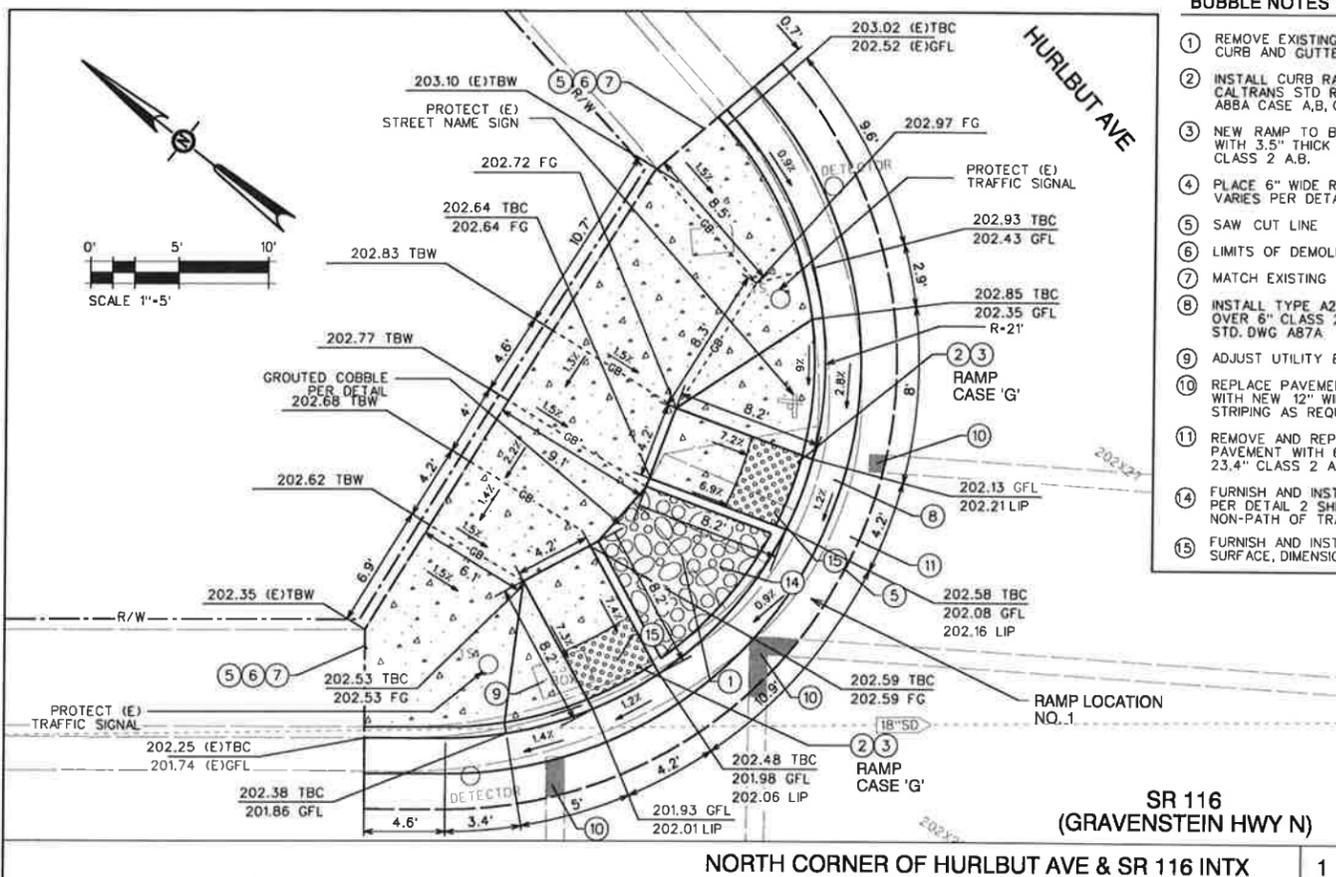
RELATIVE BORDER SCALE  
 IS IN INCHES

LAST REVISION DATE PLOTTED = 1/11/2019  
 TIME PLOTTED = 10:21:00 AM

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SDN    | 116   | 25.5/27.9                | 5         | 18           |

**BUBBLE NOTES**

- ① REMOVE EXISTING RAMP & SW CURB AND GUTTER
- ② INSTALL CURB RAMP PER CALTRANS STD RAMP RSP ABBA CASE A,B, OR AS SHOWN
- ③ NEW RAMP TO BE CONSTRUCTED WITH 3.5" THICK P.C.C. OVER 6" CLASS 2 A.B.
- ④ PLACE 6" WIDE RETAINING CURB HEIGHT VARIES PER DETAIL 4 SHEET 14
- ⑤ SAW CUT LINE
- ⑥ LIMITS OF DEMOLITION
- ⑦ MATCH EXISTING
- ⑧ INSTALL TYPE A2-6 CURB & GUTTER, OVER 6" CLASS 2 A.B., PER CALTRANS STD. DWG A87A
- ⑨ ADJUST UTILITY BOX TO FINISH GRADE
- ⑩ REPLACE PAVEMENT MARKING WITH NEW 12" WIDE CROSSWALK STRIPING AS REQUIRED
- ⑪ REMOVE AND REPLACE EXISTING PAVEMENT WITH 6.6" A.C. OVER 23.4" CLASS 2 A.B.
- ⑬ FURNISH AND INSTALL GROUDED COBBLE PER DETAIL 2 SHEET 15 TO DESIGNATE NON-PATH OF TRAVEL
- ⑮ FURNISH AND INSTALL DETECTABLE WARNING SURFACE, DIMENSIONS AS SHOWN.



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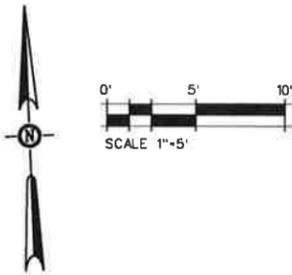
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HURLBUT AVE & SR 116  
 STATE HWY City Council Meeting Packet November 5, 2019  
 Agenda Item Number 4  
 Page 7 of 124

DATE PLOTTED = 1/11/2019  
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 JOHN C. SCROGGS, P.E.

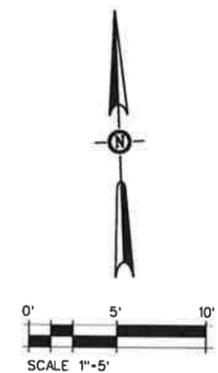
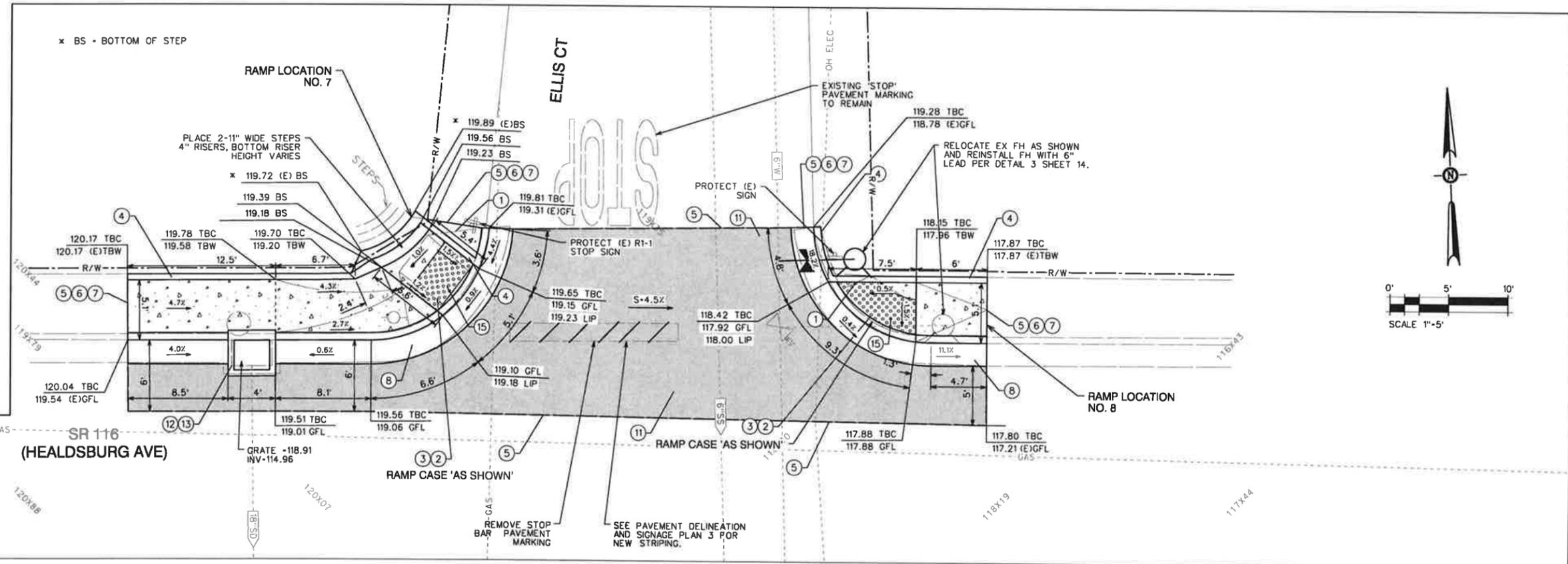
| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 6         | 18           |



NOT USED 5 & 6

**BUBBLE NOTES**

- ① REMOVE EXISTING RAMP & SW CURB AND GUTTER
- ② INSTALL CURB RAMP PER CALTRANS STD RAMP RSP ABBA CASE A,B, OR AS SHOWN
- ③ NEW RAMP TO BE CONSTRUCTED WITH 3.5" THICK P.C.C. OVER 6" CLASS 2 A.B.
- ④ PLACE 6" WIDE RETAINING CURB HEIGHT VARIES PER DETAIL 4 SHEET 14
- ⑤ SAW CUT LINE
- ⑥ LIMITS OF DEMOLITION
- ⑦ MATCH EXISTING
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- ⑫ REMOVE EXISTING STORM DRAIN INLET
- ⑬ INSTALL CALTRANS STORM DRAIN INLET TYPE GO WITH RECTANGULAR FRAME AND 24-12X GRATE
- ⑮ FURNISH AND INSTALL DETECTABLE WARNING SURFACE, DIMENSIONS AS SHOWN.



NORTH SIDE OF ELLIS CT & SR 116 INTX 7 & 8

ELLIS CT & SR 116

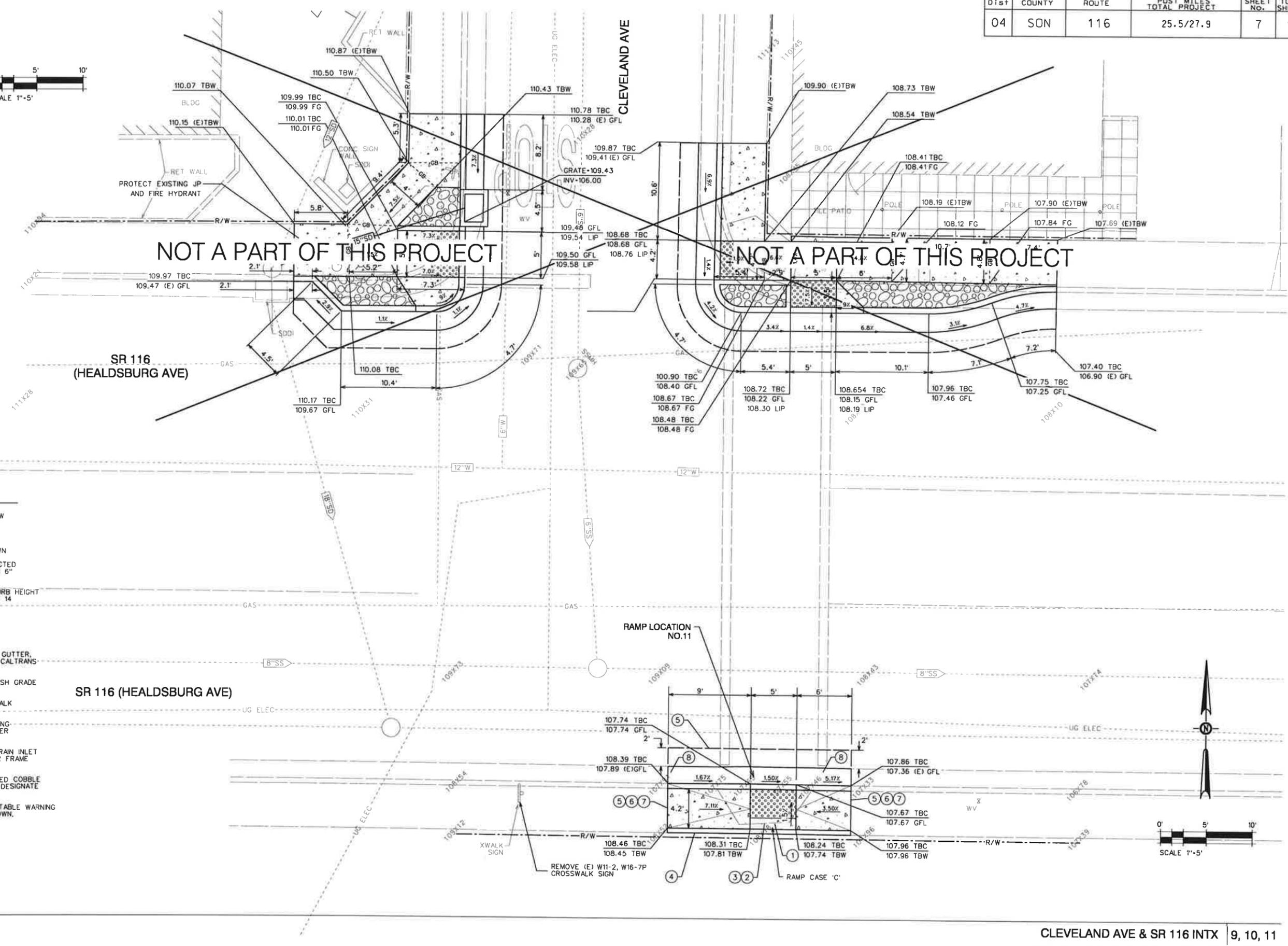
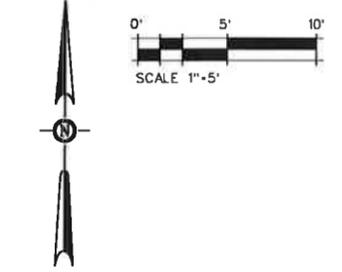
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STATE HWY City Council Meeting Packet November 5, 2019

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LAST REVISION

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
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| 04   | SON    | 116   | 25.5/27.9                | 7         | 18           |



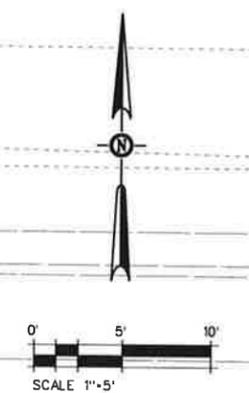
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**BUBBLE NOTES**

- 1 REMOVE EXISTING RAMP & SW CURB AND GUTTER
- 2 INSTALL CURB RAMP PER CALTRANS STD RAMP RSP ABBA CASE A,B, OR AS SHOWN
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- 7 MATCH EXISTING
- 8 INSTALL TYPE A2-6 CURB & GUTTER, OVER 6" CLASS 2 A.B., PER CALTRANS STD. DWG AB7A
- 9 ADJUST UTILITY BOX TO FINISH GRADE
- 10 REPLACE PAVEMENT MARKING WITH NEW 12" WIDE CROSSWALK STRIPING AS REQUIRED
- 11 REMOVE AND REPLACE EXISTING PAVEMENT WITH 6.6" A.C. OVER 23.4" CLASS 2 A.B.
- 13 INSTALL CALTRANS STORM DRAIN INLET TYPE GO WITH RECTANGULAR FRAME AND 24-12X GRATE
- 14 FURNISH AND INSTALL GROUDED COBBLE PER DETAIL 2 SHEET 15 TO DESIGNATE NON-PATH OF TRAVEL
- 15 FURNISH AND INSTALL DETECTABLE WARNING SURFACE, DIMENSIONS AS SHOWN.

SR 116 (HEALDSBURG AVE)

RAMP LOCATION NO. 11



REGISTRATION NO. LICENSE EXP. DATE DATE SIGNED  
 CONSULTANT DESIGN ENGINEER  
 JOHN C. SCROGGS, P.E.

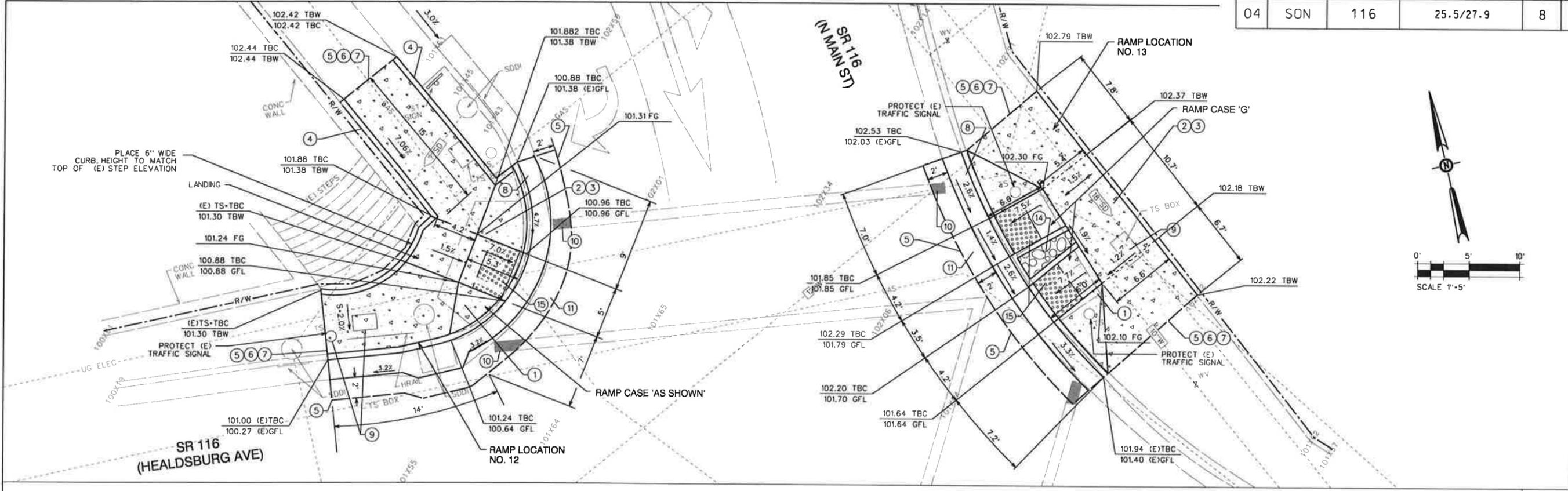
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CLEVELAND AVE & SR 116 INTX 9, 10, 11  
 CLEVELAND AVE & SR 116  
 STATE HWY City Council Meeting Packet November 5, 2019  
 Page 9 of 124

LAST REVISION DATE PLOTTED = 1/11/2019  
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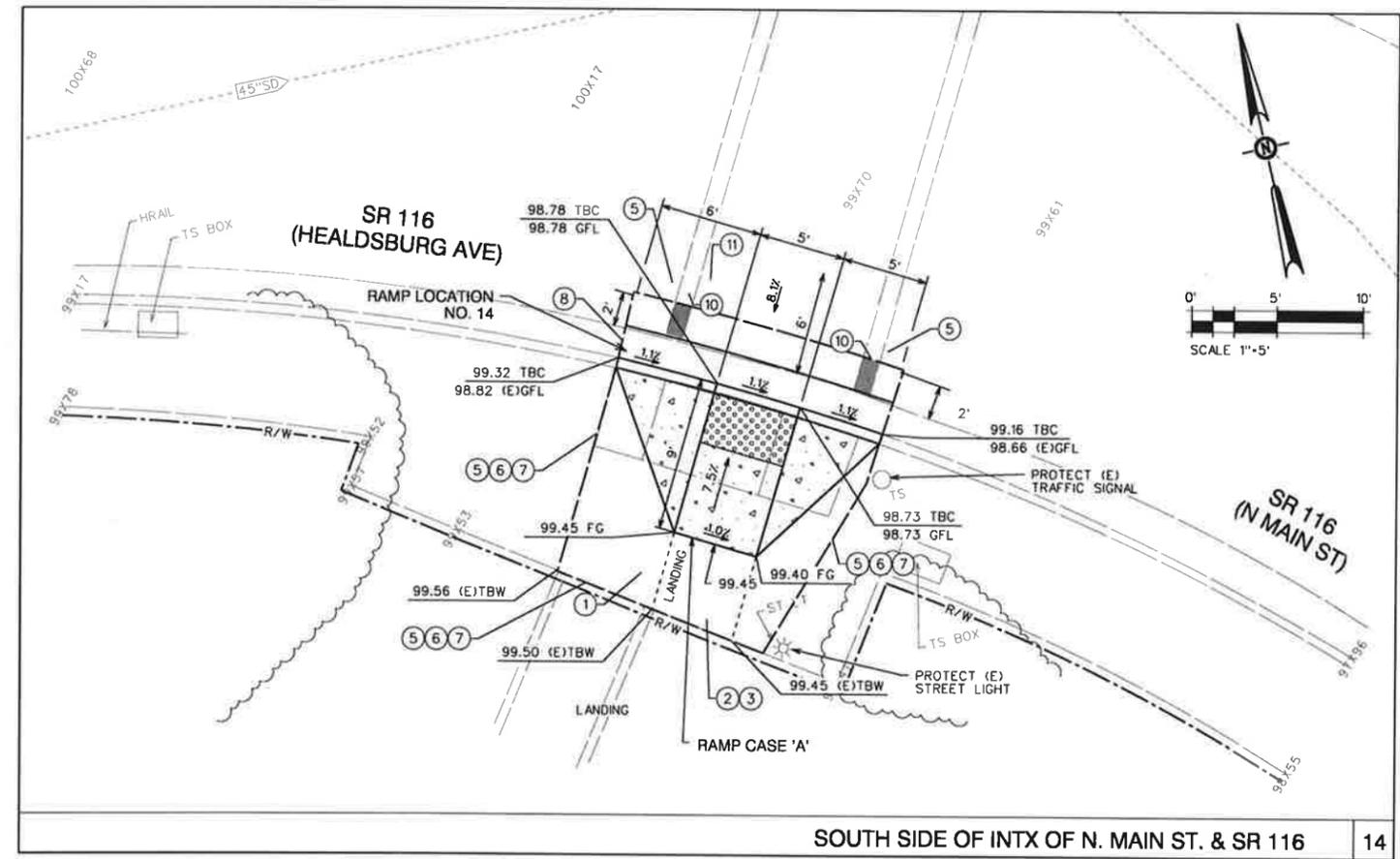
| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 8         | 18           |



NORTH SIDE OF INTX OF N. MAIN ST. & SR 116 12 & 13

**BUBBLE NOTES**

- 1 REMOVE EXISTING RAMP & SW CURB AND GUTTER
- 2 INSTALL CURB RAMP PER CALTRANS STD RAMP RSP ABBA CASE A,B, OR AS SHOWN
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- 15 FURNISH AND INSTALL DETECTABLE WARNING SURFACE, DIMENSIONS AS SHOWN.



SOUTH SIDE OF INTX OF N. MAIN ST. & SR 116 14

REGISTRATION No. LICENSE Exp DATE SIGNED DATE  
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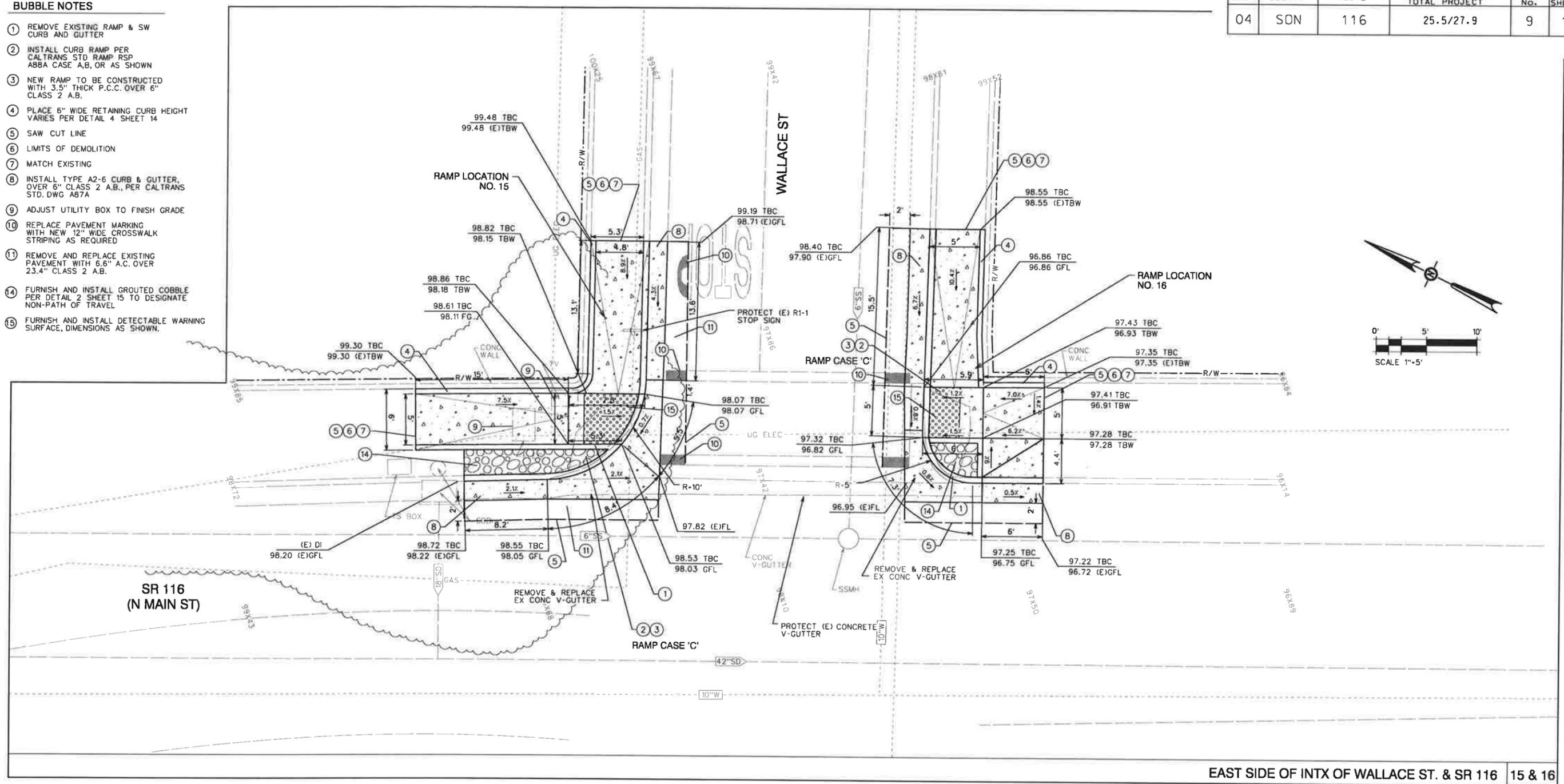
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**BUBBLE NOTES**

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| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 9         | 18           |



EAST SIDE OF INTX OF WALLACE ST. & SR 116 15 & 16

REGISTRATION NO. LICENSE EXP. DATE DATE SIGNED  
 CONSULTANT DESIGN ENGINEER  
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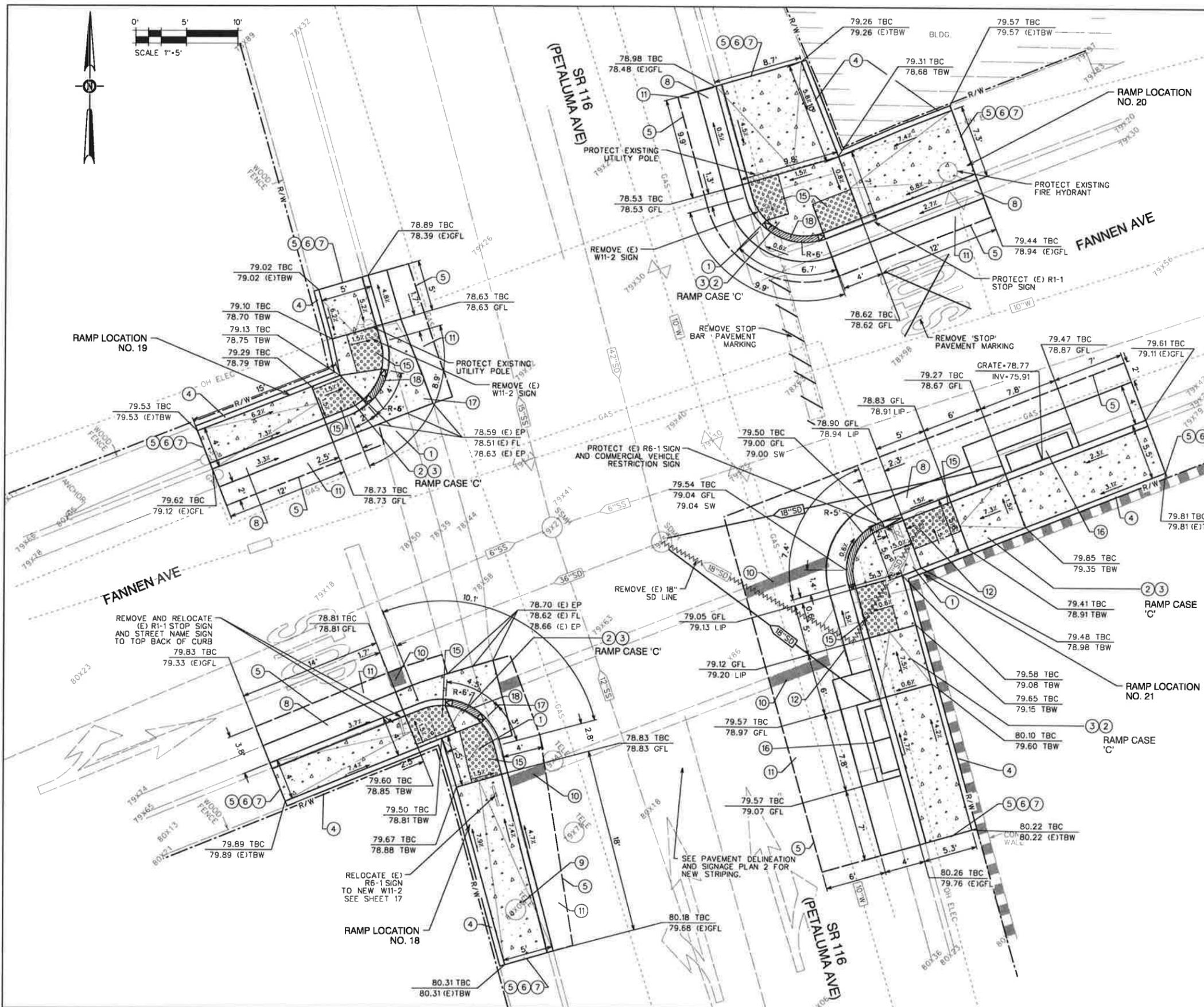
RELATIVE BORDER SCALE  
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STATE HWY WALLACE ST & SR 116  
 City Council Meeting Packet November 5, 2019

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LAST REVISION DATE PLOTTED = 1/11/2019  
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| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 10        | 18           |



- BUBBLE NOTES**
- ① REMOVE EXISTING RAMP & SW CURB AND GUTTER
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  - ⑥ LIMITS OF DEMOLITION
  - ⑦ MATCH EXISTING
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  - ⑫ REMOVE EXISTING STORM DRAIN INLET
  - ⑬ INSTALL CALTRANS STORM DRAIN INLET TYPE GO WITH RECTANGULAR FRAME AND 24-12X GRATE
  - ⑭ FURNISH AND INSTALL DETECTABLE WARNING SURFACE, DIMENSIONS AS SHOWN.
  - ⑮ INSTALL CALTRANS STORM DRAIN INLET TYPE GT-3 WITH TWO RECTANGULAR FRAME AND 24-12X GRATES
  - ⑯ REMOVE SECTION OF (E) CONCRETE V-GUTTER AND CONSTRUCT CONCRETE V-GUTTER PER DETAIL 1 SHEET 3
  - ⑰ PLACE 6" HIGH VERTICAL CURB, TRANSITION CURB HEIGHT FROM 6" HIGH TO 0" HIGH OVER A DISTANCE OF 6"

REGISTRATION No. LICENSE Exp DATE DATE SIGNED  
 CONSULTANT DESIGN ENGINEER  
 JOHN C. SCROGGS, P.E.

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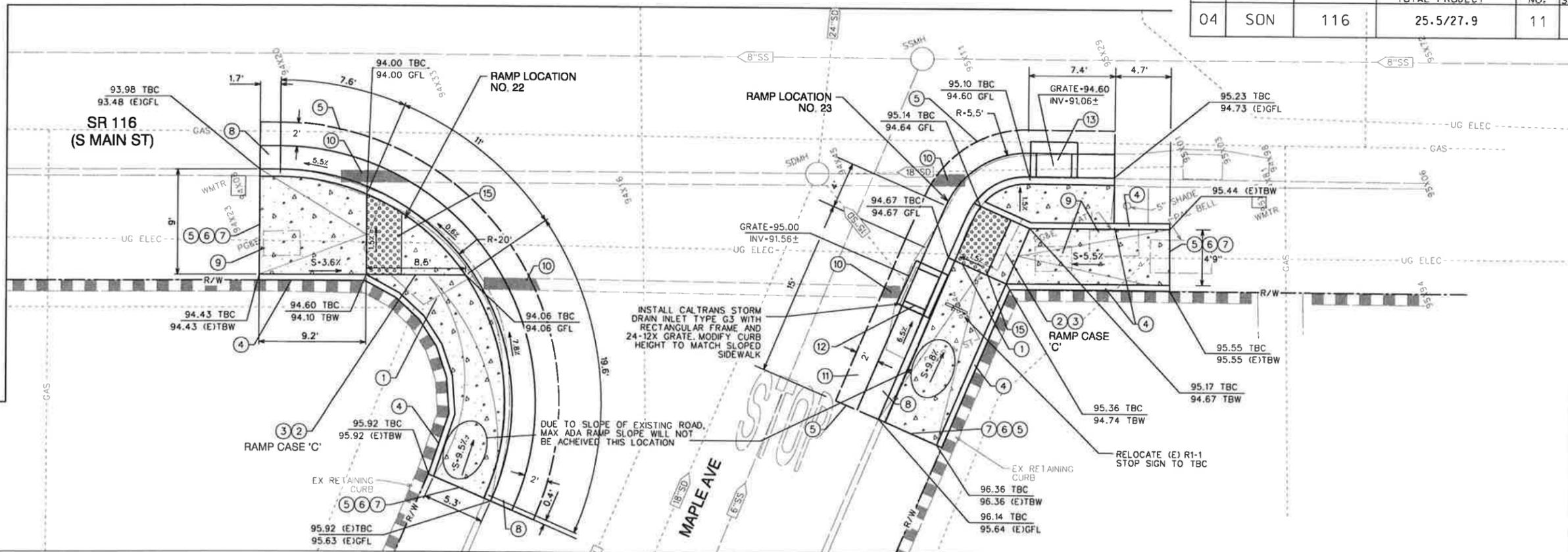
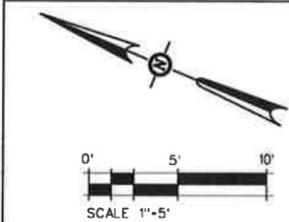
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FANNEN AVE & SR 116 INTX 18,19,20 & 21  
**FANNEN AVE & SR 116**  
 STATE HWY City Council Meeting Packet November 5, 2019  
 Page 12 of 124

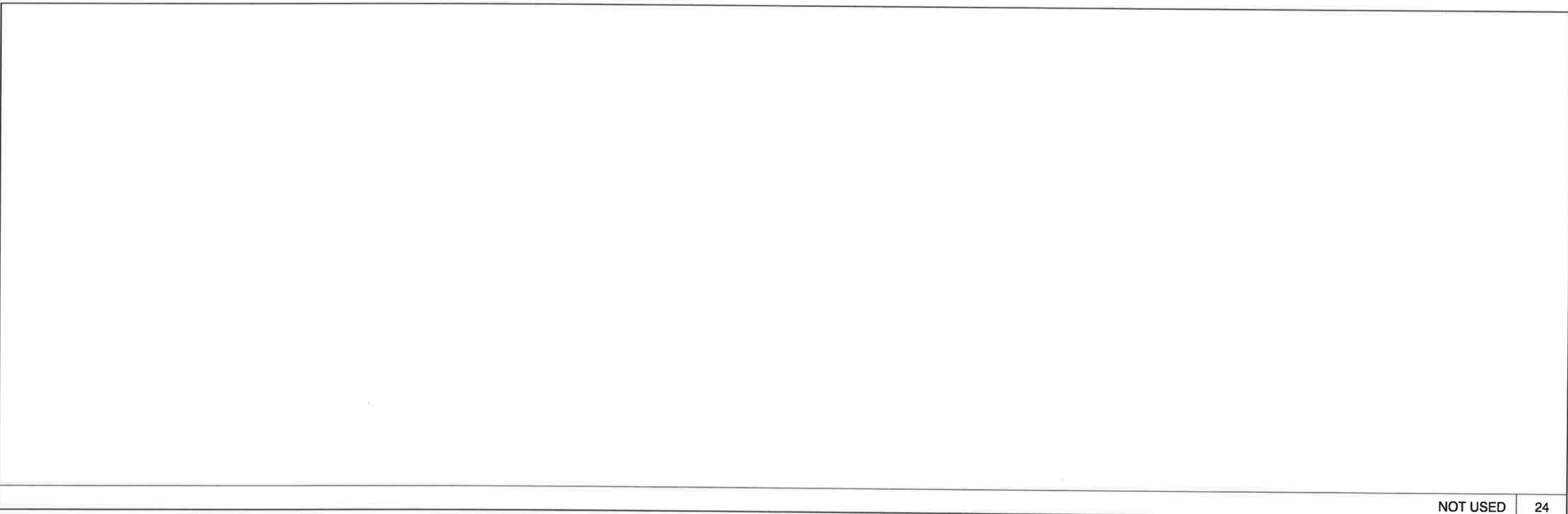
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**BUBBLE NOTES**

- ① REMOVE EXISTING RAMP & SW CURB AND GUTTER
- ② INSTALL CURB RAMP PER CALTRANS STD RAMP RSP ABBA CASE A,B, OR AS SHOWN
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- ⑥ LIMITS OF DEMOLITION
- ⑦ MATCH EXISTING
- ⑧ INSTALL TYPE A2-6 CURB & GUTTER, OVER 6" CLASS 2 A.B., PER CALTRANS STD. DWG AB7A
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- ⑩ REPLACE PAVEMENT MARKING WITH NEW 12" WIDE CROSSWALK STRIPING AS REQUIRED
- ⑪ REMOVE AND REPLACE EXISTING PAVEMENT WITH 6.6" A.C. OVER 23.4" CLASS 2 A.B.
- ⑫ REMOVE EXISTING STORM DRAIN INLET
- ⑬ INSTALL CALTRANS STORM DRAIN INLET TYPE G3 WITH RECTANGULAR FRAME AND 24-12X GRATE
- ⑭ FURNISH AND INSTALL DETECTABLE WARNING SURFACE, DIMENSIONS AS SHOWN.



WEST SIDE OF MAPLE AVE & SR 116 INTX 22 & 23



| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 11        | 18           |

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 CONSULTANT DESIGN ENGINEER  
 JOHN C. SCROGGGS, P.E.

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RELATIVE BORDER SCALE  
 IS IN INCHES

STATE HWY 116  
 City Council Meeting Packet November 5, 2019

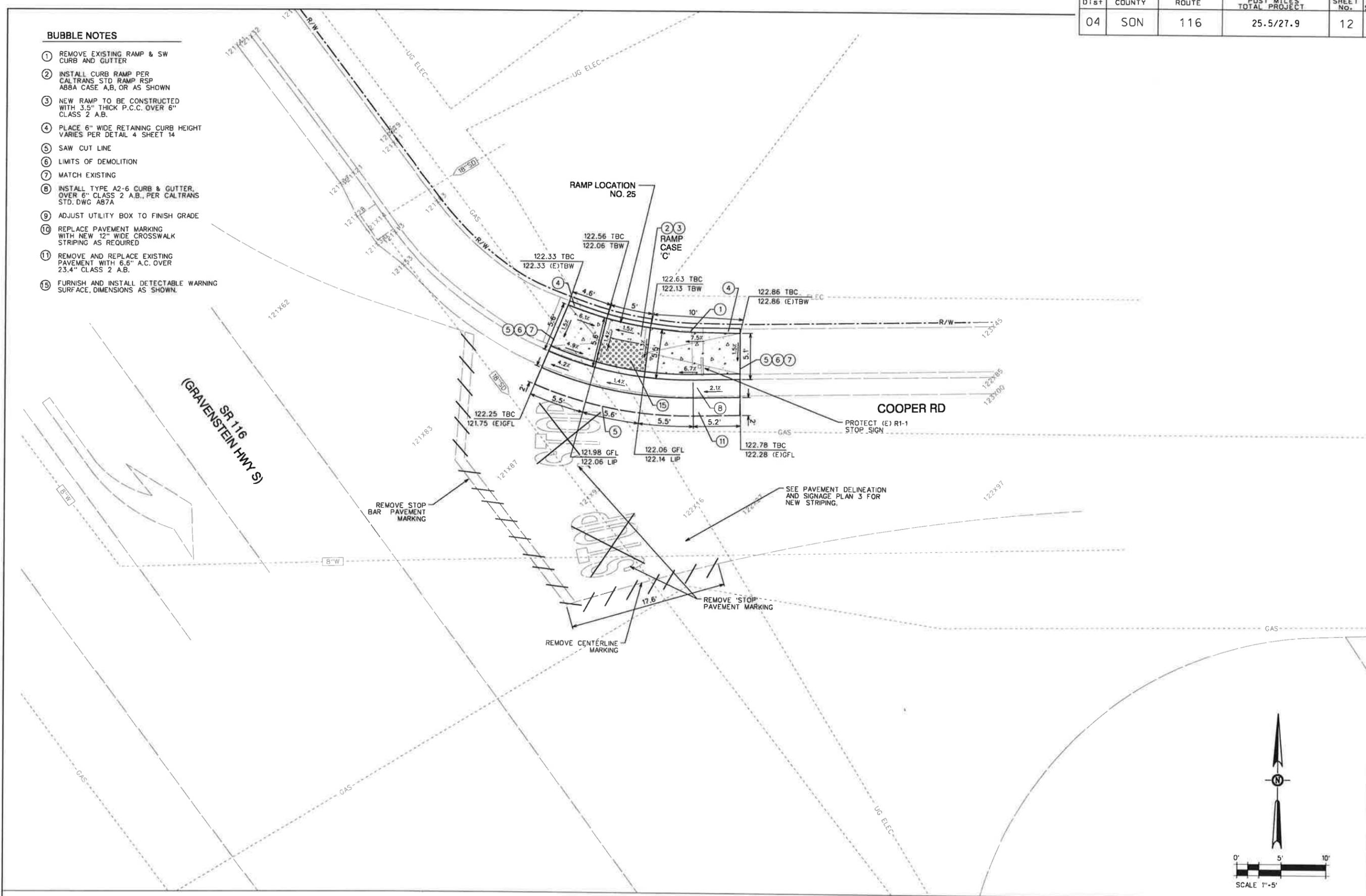
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 MAPLE AVE & SR 116

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| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 12        | 18           |

**BUBBLE NOTES**

- ① REMOVE EXISTING RAMP & SW CURB AND GUTTER
- ② INSTALL CURB RAMP PER CALTRANS STD RAMP RSP AB8A CASE A,B, OR AS SHOWN
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REGISTRATION No. LICENSE Exp DATE DATE SIGNED  
 CONSULTANT DESIGN ENGINEER  
 JOHN C. SCROGGGS, P.E.

NORTHEAST SIDE OF COOPER RD & SR 116 INTX 25

COOPER RD & SR 116

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RELATIVE BORDER SCALE (5 IN INCHES)

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LAST REVISION DATE PLOTTED = 1/11/2019  
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| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 13        | 18           |

### 2018 STANDARD PLAN A87A

PLAN

ELEVATION

**DRIVEWAYS**

**CASE A**  
Typical driveway, sidewalk not depressed

**CASE B**  
Driveway with depressed sidewalk

**SECTIONS**

**TYPE A1 CURBS** See Table A

**TYPE A2 CURBS** See Table A

**TYPE B1 CURBS** See Table A

**TYPE B2 CURBS** See Table A

**TYPE B3 CURBS** Superimposed on existing pavement See Table A

**TYPE B4 CURBS** Superimposed on existing pavement See Table A

**TYPE D CURBS** See Table A

**TYPE E CURB** On Bridges

**QUANTITIES**

| TYPE | CUBIC YARDS PER LINEAR FOOT |
|------|-----------------------------|
| A1-E | 0.02565                     |
| A2-B | 0.03084                     |
| A2-B | 0.06379                     |
| A3-E | 0.01236                     |
| A3-E | 0.01435                     |
| B1-A | 0.02185                     |
| B2-A | 0.02930                     |
| B2-B | 0.06171                     |
| B3-E | 0.01374                     |
| B4   | 0.05709                     |
| D-A  | 0.04083                     |
| D-E  | 0.06864                     |
| E    | 0.06661                     |

**NOTES**

- Case A driveway section typically applies.
- See Note 1 for curb heights over 10" where 4:1 slopes shall be used on curb slope.
- Sidewalk curb thickness "T" of driveway shall be 4" for residential and 6" for commercial.
- Difference in slope of the driveway ramp and the slope of the gutter shall not exceed 1/8" per foot. If the gutter slope shall not exceed 1/8" per foot, gutter line shall not exceed 1/8" per foot. If gutter slope is required, gutter slope shall be 1/8" per foot.
- Minimum width of clear passageway for sidewalk shall be 4'-2".
- Retaining curbs and application of construction or curb heights in excess of 6".
- Across the pavement width of each ramp installation, the gutter pan slope shall not exceed 1" of depth for each 2'-0" of width.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**CURBS AND DRIVEWAYS**  
NO SCALE  
**A87A**

### 2018 STANDARD PLAN A88A

PLAN

ELEVATION

**SECTIONS**

**CASE A** See Note 10

**CASE B** See Note 10

**CASE C** See Note 10

**CASE D** See Note 10

**CASE E** See Note 10

**CASE F** See Note 10

**CASE G** See Note 10

**SECTION A-A**

**SECTION B-B** Depress entire sidewalk as required

**SECTION C-C**

**NOTES**

- As the conditions dictate, Case A through Case G curb ramps may be used for corner installations similar to those shown in Detail A and Detail B. However, curb ramps used in Detail A do not have to be the same. Case A curb ramps shall be used for all curb ramps at all locations, except at locations where the conditions dictate. For specific site conditions, including the amount of existing sidewalk, see Project Plans.
- If distance from curb to back of sidewalk is less than recommended, ramp and 4'-2" platform (loading) as shown in Case A. The sidewalk gap be depressed lengthwise as in Case B or C or may be widened as in Case D.
- When ramp is located in center of curb return, crosswalk configuration must be similar to that shown for Detail 5.
- As the conditions dictate, the retaining curb size and the flared side of the curb ramp shall be constructed in reverse position.
- The ramp portion of the curb ramp is a typical rectangle, unless modified in the Project Plans.
- Slope of ramp flares vary uniformly from a maximum of 9:02 to curb to centerline with longitudinal sidewalk slope adjacent to top of the ramp, except in Case C and Case F.
- The adjacent surfaces of transitions of curb ramps to wells, gutters, and streets shall be of the same level.
- Counter slopes of adjoining gutters and road surfaces immediately adjacent to and within 24 inches of the curb ramp shall not be steeper than 1:20 (5.0%). Gutter pan slope shall not exceed 1" of depth for each 2'-0" of width.
- Transition gutter pan slope from 1" of depth for each 2'-0" of width to match typical gutter pan slope per Standard Plan A87A.
- Unless modified in the Project Plans, curb ramps shall have a detectable warning surface that extends the full width and 2'-0" back of the ramp. A detectable warning surface shall extend the full width of the curb except at a ramp end where a detectable warning surface shall conform to the requirements in the Standard Specifications.
- Sidewalk curb thickness, "T", shall be 3/4" minimum.
- Utility pull boxes, manholes, wells and all other utility facilities within the curb ramp shall be installed and constructed in accordance with the requirements in the Standard Specifications.
- Detectable warning surface may have to be cut to allow removal of utility covers while maintaining correct curb warning width and depth.

**RAISED TRUNCATED DOME**  
2'-0" MIN AND 2'-4" MAX SPACING  
2'-0" MIN AND 2'-4" MAX SPACING

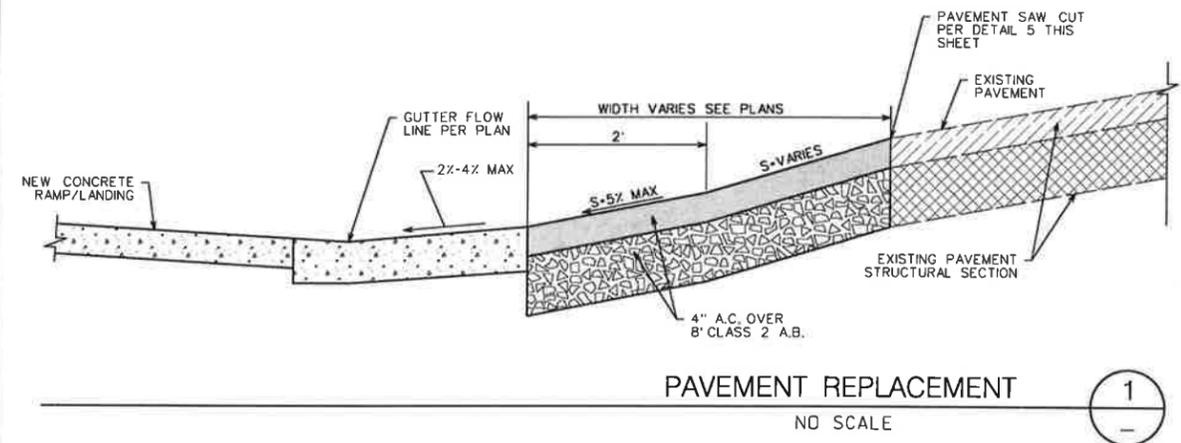
**DETECTABLE WARNING SURFACE**  
See Note 10

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**CURB RAMP DETAILS**  
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**A88A**

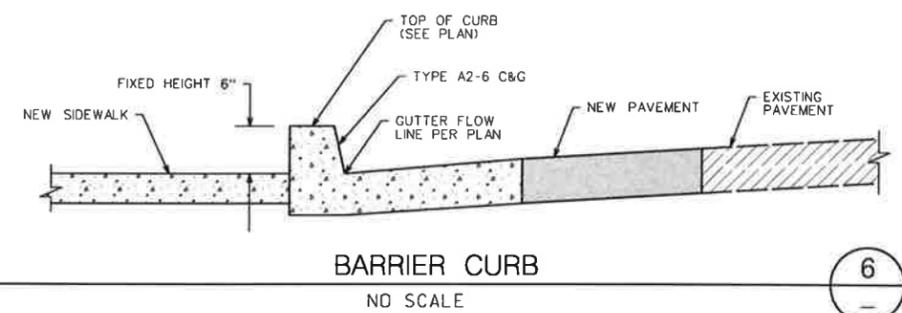
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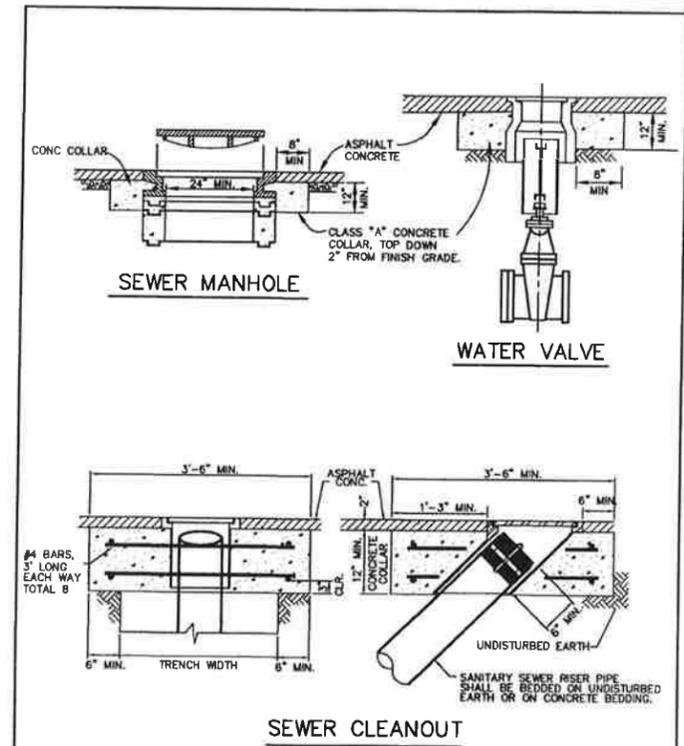
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|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 14        | 18           |



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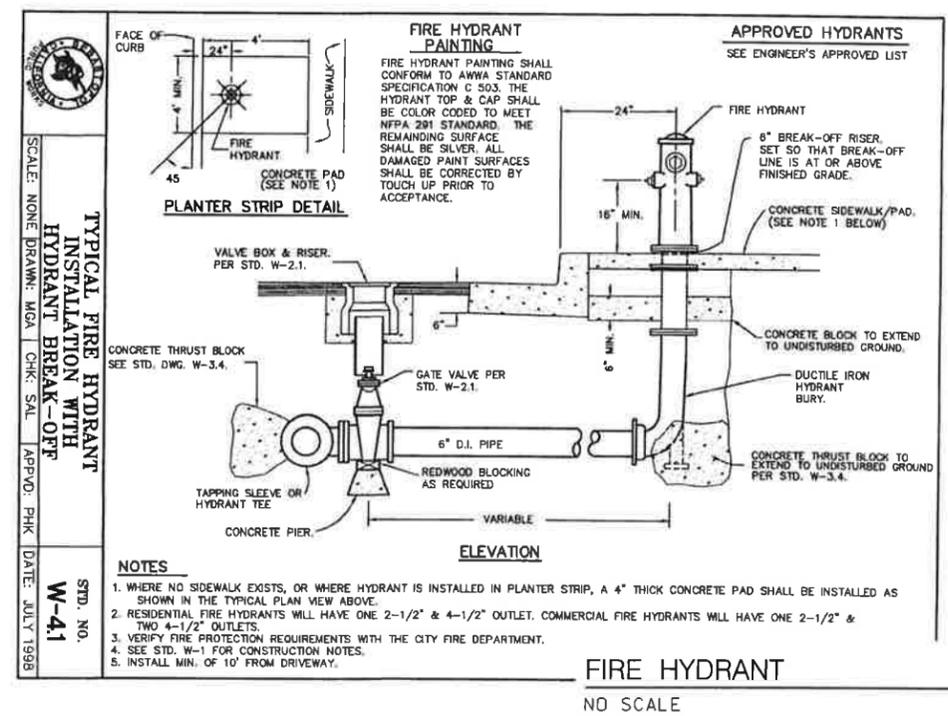


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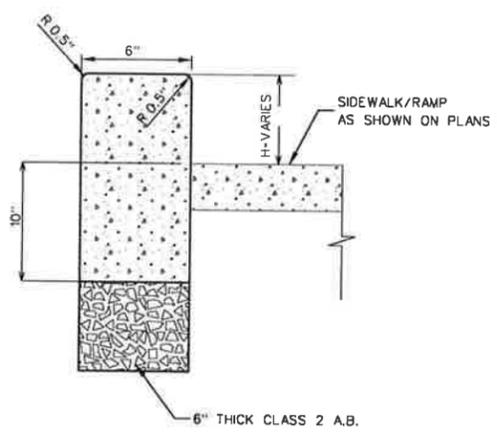


STANDARD MANHOLE, CLEANOUT & VALVE BOX ADJUSTMENT  
STD. NO. S-7.3  
SCALE: NONE DRAWN: MGA CHK: SAL APPVD: PHK DATE: JULY 1998

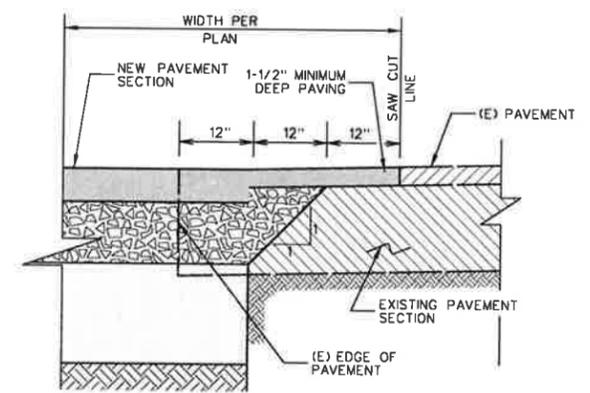
VALVE BOX ADJUSTMENT  
NO SCALE



FIRE HYDRANT  
NO SCALE



RETAINING VERTICAL CURB DETAIL  
NO SCALE



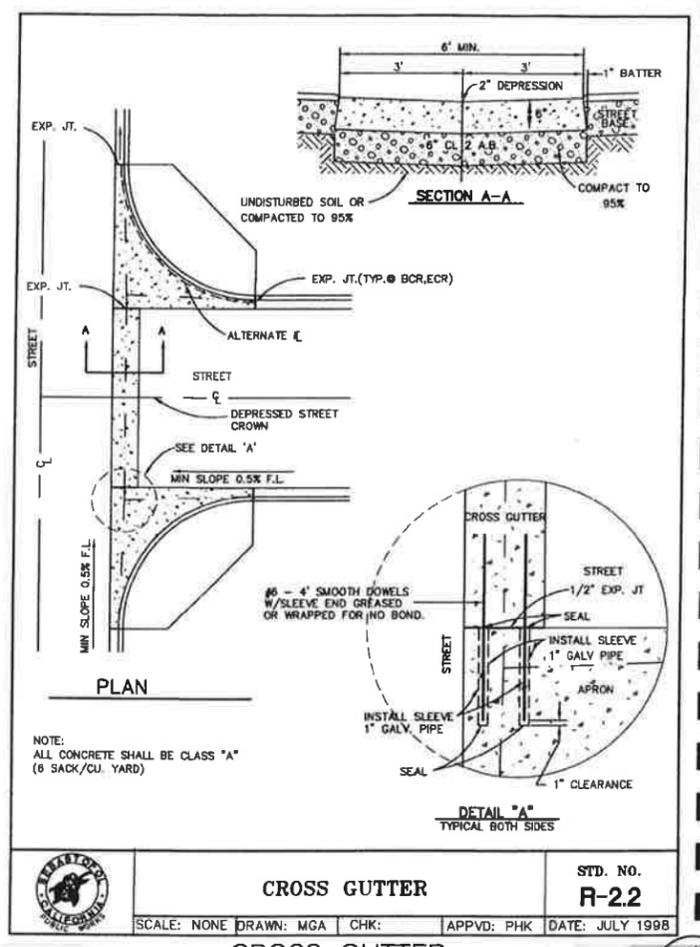
PAVEMENT SAW CUT DETAIL  
NO SCALE

REGISTRATION NO. LICENSE EXP. DATE DATE SIGNED  
CONSULTANT DESIGN ENGINEER JOHN C. SCROGGS, P.E.  
DATE: JULY 1998

TYPICAL FIRE HYDRANT INSTALLATION WITH HYDRANT BREAK-OFF  
SCALE: NONE DRAWN: MGA CHK: SAL APPVD: PHK DATE: JULY 1998  
STD. NO. W-4.1

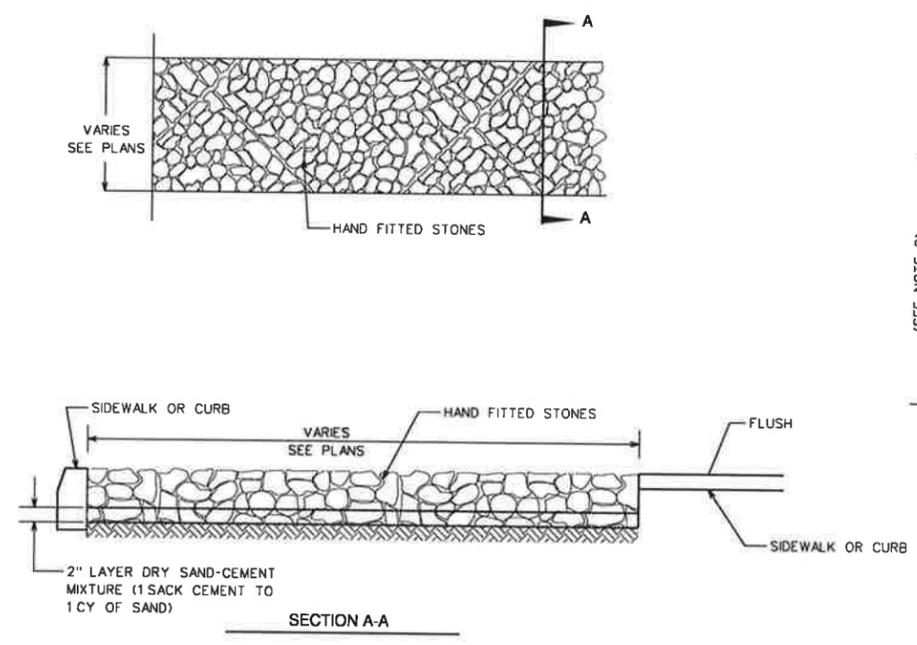
- NOTES
1. WHERE NO SIDEWALK EXISTS, OR WHERE HYDRANT IS INSTALLED IN PLANTER STRIP, A 4" THICK CONCRETE PAD SHALL BE INSTALLED AS SHOWN IN THE TYPICAL PLAN VIEW ABOVE.
  2. RESIDENTIAL FIRE HYDRANTS WILL HAVE ONE 2-1/2" & 4-1/2" OUTLET. COMMERCIAL FIRE HYDRANTS WILL HAVE ONE 2-1/2" & TWO 4-1/2" OUTLETS.
  3. VERIFY FIRE PROTECTION REQUIREMENTS WITH THE CITY FIRE DEPARTMENT.
  4. SEE STD. W-1 FOR CONSTRUCTION NOTES.
  5. INSTALL MIN. OF 10' FROM DRIVEWAY.

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 15        | 18           |



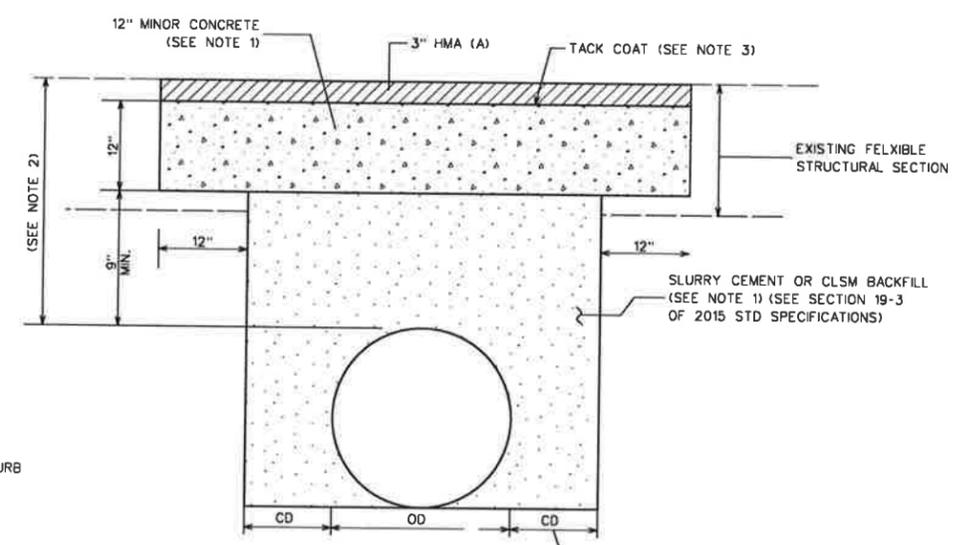
**CROSS GUTTER**  
 STD. NO. R-2.2  
 SCALE: NONE DRAWN: MGA CHK: APPVD: PHK DATE: JULY 1998

**CROSS GUTTER**  
 NO SCALE



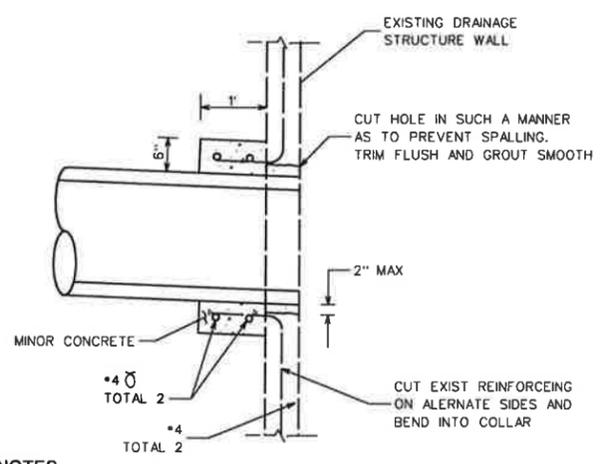
- NOTES:
- HAND FITTED STONES TO MATCH EXISTING PARKWAY IN DOWNTOWN SEBASTOPOLE.
  - ALL STONES SHALL BE PAMY STONE COBBLES, UNBROKEN WEATHERED SMOOTH.
  - SIZE RANGE: 3"x3" TO 6"x6" AVERAGE 4"x4".
  - ONCE STONES ARE SET, BRUSH IN ADDITIONAL SAND-CEMENT (EQUIVALENT TO 1" OVER ENTIRE SURFACE) TO FILL VOIDS BETWEEN STONES. SPRINKLE SURFACE WITH WATER TO MOISTEN ALL SAND-CEMENT TO SET UP.

**GROUTED COBBLE**  
 NO SCALE



- NOTES
- CONCRETE CAP MAY BE RAPID STRENGTH CONCRETE (RSC). IF RSC IS USED, REPLACE THE SLURRY CEMENT OR CLSM BACKFILL WITH LEAN CONCRETE BACKFILL OR RSC DEPENDING UPON THE PROJECT TIME CONSTRAINTS.
  - FOR NEW INSTALLATIONS, MINIMUM DEPTH OF COVER REQUIREMENTS ARE TO FOLLOW GUIDELINES IN THE ENCROACHMENT PERMITS MANUAL OR HIGHWAY DESIGN MANUAL. WHEN COVER OVER A REPLACEMENT PIPE/ENCASEMENT PIPE IS LESS THAN 24", A SPECIAL DESIGN IS NECESSARY.
  - TACK COAT (ASPHALTIC EMULSION) SHALL BE APPLIED PRIOR TO PLACING HMA (A).
  - ALL TRENCH WORK SUBJECT TO STATE REGULATIONS AND INSPECTION.
  - ALL MATERIALS, WORKMANSHIP, TESTING AND INSPECTIONS SHALL COMPLY WITH CALTRANS STANDARD SPECIFICATIONS AND PROJECT-SPECIFIC SPECIAL PROVISIONS.
  - USE OF THIS DETAIL IS APPLICABLE IF HIGH GROUNDWATER CONDITIONS DO NOT EXIST WITHIN THE TRENCH.

**ROADWAY TRENCH PAVING DETAIL**  
 NO SCALE

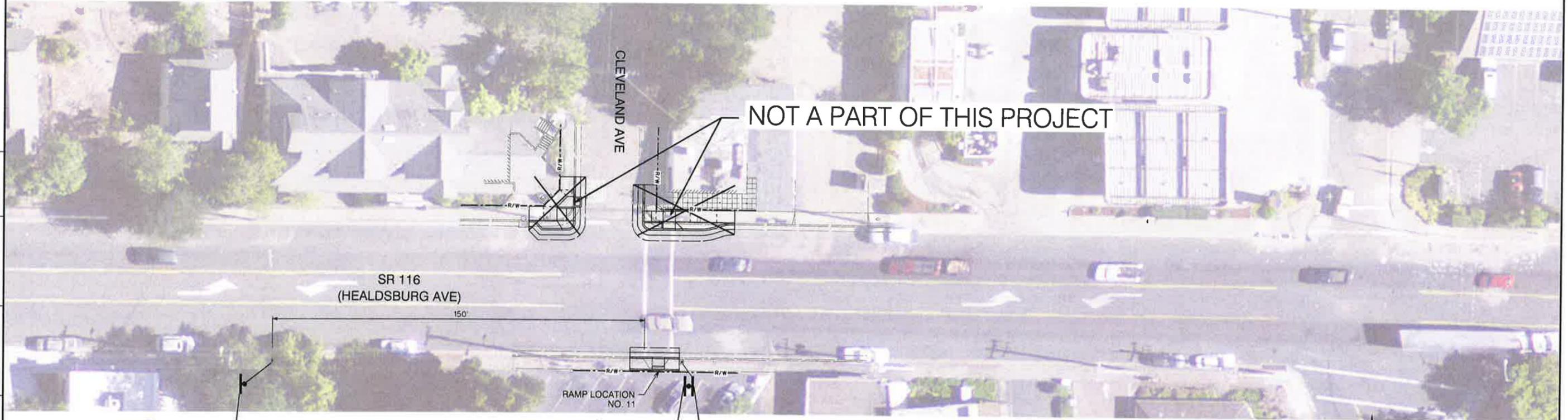


- NOTES
- IF WALL OF EXISTING DRAINAGE STRUCTURE HAS NO REINFORCING DRILL AND BOND DOWELS, 1 FOOT ON CENTER, 6" INTO WALL AND BEND INTO COLLAR.
  - SQUARE OR CIRCULAR COLLAR OPTIONAL.

**PIPE CONNECTION TO EXISTING DRAINAGE STRUCTURE**  
 NO SCALE

REGISTRATION No. LICENSE Exp DATE DATE SIGNED  
 CONSULTANT DESIGN ENGINEER  
 JOHN C. SCROGGS, P.E.

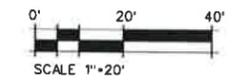
| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 16        | 18           |



**NOTES**

1. ALL STRIPING SHALL BE INSTALLED PER CALTRANS STANDARD PLANS (2015), CA MUTCD 2014, AND THE DETAILS SHOWN IN THESE PLANS.
2. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
3. REMOVE EXISTING STRIPING WHERE IN CONFLICT WITH NEW STRIPING.
4. INSTALL "BASIC" CROSSWALK LINES PER CALTRANS STANDARD PLAN A24F.
7. INSTALL YIELD LINE PER CALTRANS STANDARD PLAN A24E.
8. STRIPING AND PAVEMENT MARKINGS SHALL BE COORDINATED WITH CITY OF SEBASTOPOL ROADWAY IMPROVEMENT PLANS FOR '16 BIKE LANE IMPROVEMENTS IN THE CITY OF SEBASTOPOL CONTRACT NO. 2014-05.
9. ALL SIGNS SHALL BE CONVENTIONAL SIZING PER CA MUTCH UNLESS OTHERWISE NOTED.

**PAVEMENT DELINEATION AND SIGNAGE PLAN 1**



**CLEVELAND AVE & SR 116**

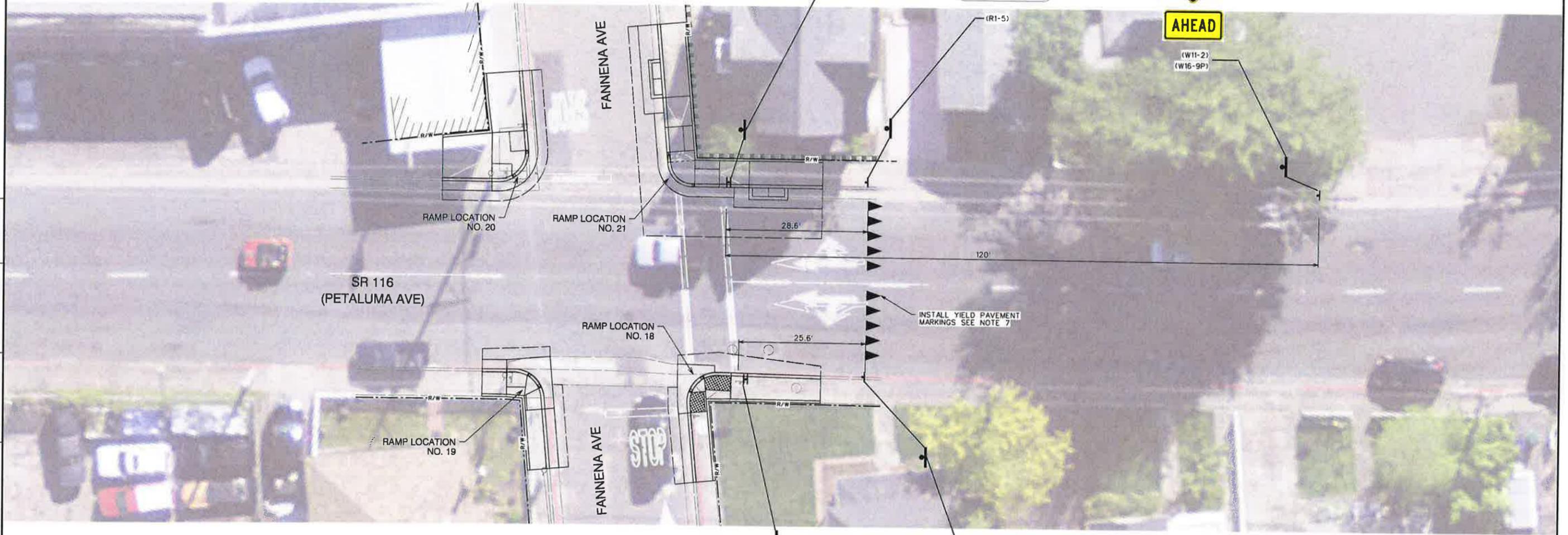
Agenda Item Number 4



LAST REVISION: DATE PLOTTED = 1/11/2019  
 TIME PLOTTED = 10:21:59 AM  
 SEPT 2018

CONSULTANT DESIGN ENGINEER  
 JOHN C. SCROGGS, P.E.  
 REGISTRATION NO. LICENSE Exp. DATE DATE SIGNED

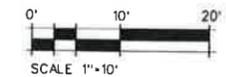
| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 17        | 18           |



**NOTES**

1. ALL STRIPING SHALL BE INSTALLED PER CALTRANS STANDARD PLANS (2015), CA MUTCD 2014, AND THE DETAILS SHOWN IN THESE PLANS.
2. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
3. REMOVE EXISTING STRIPING WHERE IN CONFLICT WITH NEW STRIPING.
7. INSTALL YIELD LINE PER CALTRANS STANDARD PLAN A24E.
8. STRIPING AND PAVEMENT MARKINGS SHALL BE COORDINATED WITH CITY OF SEBASTOPOL ROADWAY IMPROVEMENT PLANS FOR '16 BIKE LANE IMPROVEMENTS IN THE CITY OF SEBASTOPOL' CONTRACT NO. 2014-05.
9. ALL SIGNS SHALL BE CONVENTIONAL SIZING PER CA MUTCH UNLESS OTHERWISE NOTED.

**PAVEMENT DELINEATION AND SIGNAGE PLAN 2**



FANNEN AVE & SR 116

Agenda Item Number 4

STATE HWY City Council Meeting Packet November 5, 2019

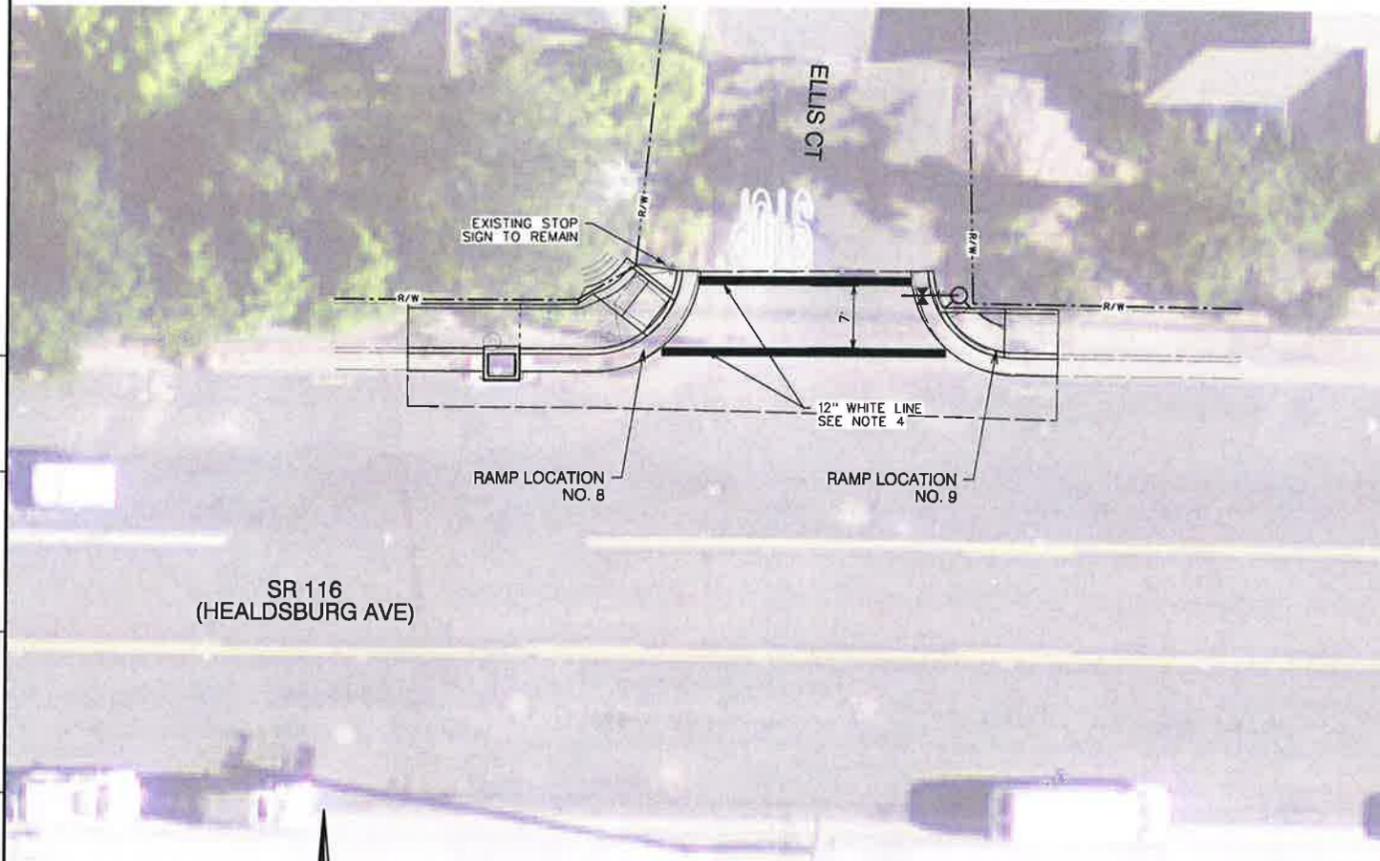
Page 19 of 124

REGISTRATION No. LICENSE Exp DATE SIGNED  
 CONSULTANT DESIGN ENGINEER  
 JOHN C. SCROGGS, P.E.

USERNAME = JS  
 DGN FILE = S:\8840-02 ADA Curb Ramp Upgrade\Plans\17-PAVEMENT DELINEATION & SIGNAGE PLAN.dgn  
 RELATIVE BORDER SCALE  
 0 1 2 3

DATE PLOTTED = 1/11/2019  
 TIME PLOTTED = 10:28:04 AM  
 SEPT 2018

| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|--------------------------|-----------|--------------|
| 04   | SON    | 116   | 25.5/27.9                | 18        | 18           |



SR 116  
(HEALDSBURG AVE)

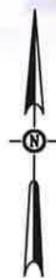
ELLIS CT

EXISTING STOP SIGN TO REMAIN

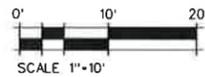
RAMP LOCATION NO. 8

RAMP LOCATION NO. 9

12" WHITE LINE SEE NOTE 4



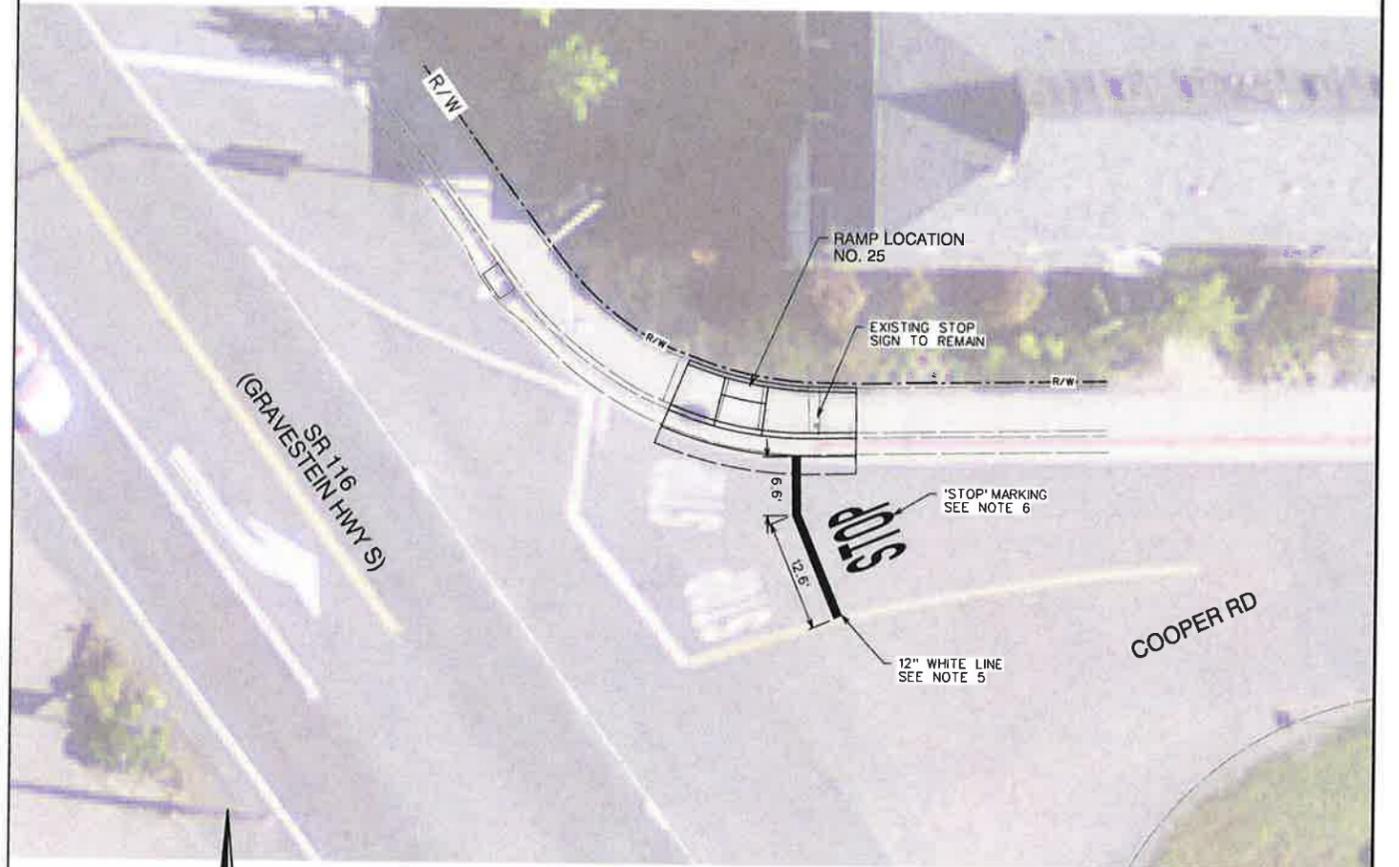
PAVEMENT DELINEATION AND SIGNAGE PLAN 3



NOTES

1. ALL STRIPING SHALL BE INSTALLED PER CALTRANS STANDARD PLANS (2015), CA MUTCD 2014, AND THE DETAILS SHOWN IN THESE PLANS.
2. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC, UNLESS OTHERWISE NOTED.
3. REMOVE EXISTING STRIPING WHERE IN CONFLICT WITH NEW STRIPING.
4. INSTALL "BASIC" CROSSWALK LINES PER CALTRANS STANDARD PLAN A24F.
5. INSTALL LIMIT LINE PER CALTRANS STANDARD PLAN A24E.
6. INSTALL WORD PAVEMENT MARKING PER CALTRANS STANDARD PLANS A24D AND A24E.
8. STRIPING AND PAVEMENT MARKINGS SHALL BE COORDINATED WITH CITY OF SEBASTOPOL ROADWAY IMPROVEMENT PLANS FOR '16 BIKE LANE IMPROVEMENTS IN THE CITY OF SEBASTOPOL' CONTRACT NO. 2014-05.

ELLIS CT & SR 116



SR 116  
(GRAVESTON HWY S)

COOPER RD

RAMP LOCATION NO. 25

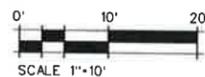
EXISTING STOP SIGN TO REMAIN

STOP MARKING SEE NOTE 6

12" WHITE LINE SEE NOTE 5



PAVEMENT DELINEATION AND SIGNAGE PLAN 3



COOPER RD & SR 116

DATE SIGNED  
LICENSE Exp DATE  
REGISTRATION No.  
CONSULTANT DESIGN ENGINEER  
JOHN C. SCROGGS, P.E.



**CONTRACT DOCUMENTS**

**CONTAINING  
NOTICE TO BIDDERS  
INFORMATION FOR BIDDERS  
SPECIAL PROVISIONS  
PROPOSAL AND CONTRACT FORMS**

**FOR CONSTRUCTION OF**

**SR 116 ADA SIDEWALK RAMPS**

**Contract No. 2019-01**

**IN THE  
CITY OF SEBASTOPOL**

**BID OPENING DATE**

\_\_\_\_\_

**ISSUED BY**

**ENGINEERING DIVISION  
CITY OF SEBASTOPOL  
714 Johnson Street  
Sebastopol, CA 95472  
(707) 823-2151**

**Henry Mikus, Engineering Manager**

**CITY OF SEBASTOPOL  
CONTRACT DOCUMENTS AND SPECIFICATIONS**

**TABLE OF CONTENTS**

**NOTICE TO BIDDERS**

**PART I  
BIDDING AND CONTRACT DOCUMENTS**

**PART II  
GENERAL CONDITIONS**

**PART III  
SPECIAL PROVISIONS**

**PART IV  
SPECIFICATIONS**

**APPENDICES**

| <b><u>ID</u></b> | <b><u>Description</u></b>  |
|------------------|--|
| <b>A</b>         | <b>General Guidelines for Construction Activities<br/>Erosion and Sediment Control and<br/>Minimization of Hazardous Materials Contact with Stormwater</b> |
| <b>B</b>         | <b>Caltrans Encroachment Permit 04-17-N-MC-0670</b>  |

## NOTICE TO BIDDERS

Sealed proposals will be received by the Engineering Manager, Engineering Division, 714 Johnson Street, Sebastopol, California 95472, up to the hour of \_\_\_\_\_ for:

### SR 116 ADA SIDEWALK RAMPS CONTRACT NO. 2019-01

In accordance with the applicable provisions of the Labor Code, the Director of Industrial Relations, State of California has determined the general prevailing wage rates. Copies of those rates are on file with the City Engineer.

Plans and specifications may be examined at the office of the Sebastopol Public Works Department, 714 Johnson Street, Sebastopol, California 95472, and may be obtained upon payment of Thirty Dollars (\$35.00). There will be no refund for plans and specifications. Bidders must possess a valid **Class A** license in accordance with the provisions of the State Contractor's License Act. Questions regarding the project plans, and specifications, or other contract provisions, bonding, and insurance shall be addressed to the City Engineer, Joseph Gaffney at (707) 823-2151.

**Proposals for the job must be submitted on the proposal forms included in these specifications without removal therefrom.** Proposals shall be enclosed in an envelope marked:

### SR 116 ADA SIDEWALK RAMPS CONTRACT NO. 2019-01

Each proposal must be accompanied by cash, or an unconditional certified bid bond or check made payable to the City of Sebastopol, and such cash, check, or bond shall be in an amount equal to at least ten percent (10%) of the amount of the bid.

Notice is hereby given that for any moneys earned by the contractor and withheld by the City to ensure performance of the contract, the contractor may, at his request and expense, substitute securities equivalent to the amount withheld in the form and manner and subject to the conditions provided in Chapter 13 (commencing with Section 4590), Division 5, Title 1 of the Government Code of the State of California.

The City Council of the City of Sebastopol reserves the right to reject any and all bids and to waive any informality in any bid received. The award of the contract, if it were awarded, will be to the lowest responsible bidder whose proposal complies with all the requirements prescribed.

By order of the City Council of the City of Sebastopol, Sonoma County, California.

CITY OF SEBASTOPOL

---

Joseph Gaffney, City Engineer

**PART I**  
**BIDDING AND CONTRACT DOCUMENTS**

| <b>SECTION</b> | <b>TITLE</b>  | <b>PAGE</b> |
|----------------|---|-------------|
| 1              | Receipt and Opening of Bids                           | I - 1       |
| 2              | Preparation of Bid                                    | I - 1       |
| 3              | Subcontractors  | I - 1       |
| 4              | Site Visit  | I - 1       |
| 5              | Telegraphic Modifications                             | I - 1       |
| 6              | Qualification of Bidder                               | I - 2       |
| 7              | Bid Security  | I - 2       |
| 8              | Liquidated Damages for Failure to Enter Into Contract | I - 2       |
| 9              | Time of Completion and Liquidated Damages             | I - 2       |
| 10             | Conditions of Work                                    | I - 2       |
| 11             | Addenda and Interpretations                           | I - 3       |
| 12             | Security for Faithful Performance                     | I - 3       |
| 13             | Power of Attorney                                     | I - 3       |
| 14             | Laws and Regulations                                  | I - 3       |
| 15             | Method of Award - Lowest Qualified Bidder             | I - 3       |
| 16             | Obligation of Bidder                                  | I - 4       |
| 17             | Workmen's Compensation Insurance                      | I - 3       |
| 18             | Wage Scale  | I - 4       |
| 19             | Hours of Labor  | I - 4       |
| 20             | Apprentices   | I - 4       |
| 21             | Labor Discrimination                                  | I - 5       |
| 22             | City Water  | I - 5       |
| 23             | Safety Standards and Accident Prevention              | I - 5       |

**BID DOCUMENTS, CONTRACT DOCUMENTS AND INSURANCE REQUIREMENTS**

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|  |       |
|--|-------|
| BIDDER'S PROPOSAL                      | I- 6  |
| BID SCHEDULE                           | I- 7  |
| STATEMENT OF EXPERIENCE OF BIDDER      | I- 27 |
| LIST OF SUBCONTRACTORS                 | I- 28 |
| BID BOND                               | I- 29 |
| NON-COLLUSION AFFIDAVIT                | I- 30 |
| CONTRACT                               | I- 31 |
| 100% PERFORMANCE BOND                  | I- 33 |
| 50% PAYMENT BOND                       | I- 35 |
| INSURANCE REQUIREMENTS FOR CONTRACTORS | I- 37 |

**PART 1**  
**INFORMATION FOR BIDDERS**

**Section 1      Receipt and Opening of Bids:**

The City of Sebastopol (herein called the Owner) invites bids on the form attached hereto, all blanks of which must be appropriately filled in. Bids will be received by the Owner at the office of the Engineering Manager until \_\_\_\_\_, and then at said office publicly opened and read aloud. The envelopes containing the bids must be sealed, addressed to the Engineering Manager, Engineering Division, 714 Johnson Street, Sebastopol, California, 95472, and designated as bid for:

**SR 116 ADA SIDEWALK RAMPS**  
**CONTRACT NO. 2019-01**

The Owner may find any bid not prepared and submitted in accordance with the provisions hereof non-responsive and may waive any informality or reject any and all bids. Any bid may be withdrawn before the postponement thereof. Any bid received after the time and date specified shall not be considered. No bidder may withdraw within 30 days after the actual date of the opening thereof.

**Section 2      Preparation of Bid:**

**BIDS SHALL BE SUBMITTED ON THE FORMS PROVIDED IN THIS DOCUMENT WITHOUT REMOVAL THEREIN.**

All blank spaces for bid prices must be filled in, in ink or typewriter, and the foregoing Certification must be fully completed and executed when submitted.

Each bid must be submitted in a sealed envelope bearing on the outside the name of the bidder, his address, and the name of the project for which the bid is submitted. If forwarded by mail, the sealed envelope containing the bid must be enclosed in another envelope addressed as specified in the bid form.

**Section 3      Subcontractors:**

The bidder is specifically advised that any person, firm, or other party to whom it is proposed to award a subcontract under this contract must be acceptable to the Owner.

**Section 4      Site Visit**

Prospective bidders are strongly encouraged to visit the job sites prior to the bidding date. Contact the Sebastopol Engineering Division at 707-823-2151 for directions.

**Section 5      Telegraphic Modifications:**

Any bidder may modify his bid by telegraphic communication at any time prior to the scheduled closing time for receipt of bids, provided such telegraphic communication is received by the Owner prior to the closing time, and provided further, the Owner is satisfied that a written confirmation of the telegraphic modification over the signature of the bidder was mailed prior to the closing time. The telegraphic communication should not reveal the bid price but should provide the addition or subtraction or other modification so that the final prices or terms will not be known by the Owner until the sealed bid is opened. If written confirmation is not received within two days from the closing time, no consideration will be given to the telegraphic modification.

**Section 6      Qualification of Bidder:**

The Owner may make such investigation as he deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. The Owner reserves the right to reject any bid if the evidence is submitted by, or investigation of, such bidder fails to satisfy the Owner that such bidder is properly qualified to carry out the obligations of the contract and to complete the work contemplated therein. Conditional bids will not be accepted. Bidder must possess a valid Class A Contractor's License.

No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code Section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code Section 1771.1(a)].

No contractor or subcontractor may be awarded a contract for public works on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code Section 1725.5.

**Section 7      Bid Security:**

Each bid must be accompanied by cash, certified check of the bidder, or a bid bond prepared on the form of a bid bond attached thereto, duly executed by the bidder as principal and having as surety thereon a surety company approved by the Owner, in the amount of 10% of the bid. Such cash, checks or bid bonds will be returned to all except the three lowest bidders within three days after the opening of bids, and the remaining cash, checks or bid bonds will be returned promptly after the Owner and the accepted bidder have executed the contract, or, if no award has been made within 30 days after the date of the opening of the bids, upon demand of the bidder at any time thereafter, so long as he has not been notified of the acceptance of his bid.

**Section 8      Liquidated Damages for Failure to Enter into Contract:**

The successful bidder, upon his failure or refusal to execute and deliver the contract, bonds, and Insurance Certificates, required within 10 days after he has received notice of the acceptance of his bid, shall forfeit to the Owner, as liquidated damages for such failure or refusal, the security deposited with his bid. Please refer to proposed schedule of work contained in Special Provisions, Section 6.

**Section 9      Time of Completion and Liquidated Damages:**

Bidder must agree to commence work on or before a date to be specified in written "Notice to Proceed" of the Owner and to fully complete the project within.

**One Hundred Eighty (180) working days**

thereafter. Bidder must also agree to pay as liquidated damages, the sum of \$500.00 for each consecutive working day thereafter as hereinafter provided in the General Conditions. Please refer to proposed schedule of work contained in Special Provisions, Section 6.

**Section 10     Conditions of Work:**

Each bidder must inform himself fully of the conditions relating to the construction of the project and the employment of labor thereon. Failure to do so will not relieve a successful bidder of his obligation to furnish all material and labor necessary to carry out the provisions of his contract. Insofar as possible, the

contractor, in carrying out his work, must employ, such methods or means as will not cause any interruption of or interference with the work of any contractor.

**Section 11 Addenda and Interpretation:**

No oral interpretation of the meaning of the plans, specifications or other pre-bid documents will be made to any bidder.

Every request for such interpretation should be in writing addressed to Sebastopol Engineering Division, 714 Johnson Street, Sebastopol, California 95472, and to be given consideration must be received at least five days prior to the date fixed for opening of bids. Any and all such interpretations and any supplemental instructions will be in the form of a written addendum to the specifications which, if issued, will be mailed by certified mail with return receipt requested to all prospective bidders (at the respective addresses furnished for such purposes), and not later than three days prior to the date fixed for opening bids. Failure of any bidder to receive any such addendum or interpretations shall not relieve such bidder from any obligation under his bid as submitted. All addenda so issued shall become part of the contract documents.

**Section 12 Security for Faithful Performance:**

Simultaneously with his delivery of the executed contract, the Contractor shall furnish a surety bond as security for faithful performance of this contract and for the payment of all persons performing labor on the project under this contract and furnishing materials in connection with this contract, as specified in the General Conditions included herein. The surety on such bond or bonds shall be a duly authorized surety company satisfactory to the Owner.

**Section 13 Power of Attorney:**

Attorneys-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.

**Section 14 Laws and Regulations:**

The Bidder's attention is directed to the fact that all applicable State Laws, Municipal Ordinances and the rules and regulations of all authorities having jurisdiction over construction of the project shall apply to the contract throughout, and they will be deemed to be included in the contract the same as though herein written out in full. Reference is made to the Provisions of the Contract contained in these specifications where applicable State Laws are specified.

This contract is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

**Section 15 Method of Award - Lowest Qualified Bidder:**

If at the time this contract is to be awarded, the lowest bid submitted by a responsible bidder does not exceed the amount of funds estimated by the Owner to be available to finance the contract, the contract will be awarded.

**Section 16      Obligation of Bidder:**

At the time of the opening of bids each bidder will be presumed to have inspected the site and to have read and be thoroughly familiar with the plans and contract documents (including all addenda). The failure or omission of any bidder to examine any form, instrument or documents shall in no way relieve any bidder from any obligation in respect of his bid.

**Section 17      Workmen's Compensation:**

The Contractor shall maintain adequate workmen's compensation insurance under the laws of the State of California for all labor employed by him or by any subcontractor under him who may come within the protection of such workmen's compensation laws of the State of California, and shall provide, where practicable, employers' general liability insurance for the benefit of his employees and the employees of any subcontractor under him not protected by such compensation laws, and proof of such insurance satisfactory to the Governing Body shall be given by filing certificates of such insurance with the Engineer of work in form satisfactory to the Governing Body. If such insurance is underwritten by any agency other than the State Compensation Fund, such agency shall be a company authorized to do business in the State of California.

**Section 18      Wage Scale:**

Pursuant to Section 1773 of the Labor Code of the State of California, the City has obtained from the Directory of the Department of Industrial Relations the general prevailing rate of per diem wages and the general prevailing rate for holidays and overtime work for each craft, classification, or type of workman required to execute the contract. A copy of said prevailing rate of per diem wages is on file in the office of the Engineering Manager to which reference is hereby made for further particulars. Said prevailing rate of per diem wages will be made available to any interested party upon request, and a copy thereof shall be posted at the job site. The provisions of Article 2, Chapter 1, Part 7, Division 2 (commencing with Section 1770) of the Labor Code and particularly Section 1775 thereof, shall be complied with.

**Section 19      Hours of Labor:**

The Contractor shall forfeit, as penalty to the City, one hundred twenty-five dollars (\$125.00) for each workman employed in the execution of the contract by him or by any subcontractor, for each calendar day during which any workman is required or permitted to labor more than eight (8) hours in any one calendar day and forty (40) hours in any one calendar week, in violation of the provisions of Article 3, Chapter 1, Part 7, Division 2 (commencing with Section 1810) of the Labor Code of the State of California.

**Section 20      Apprentices:**

In accordance with the provisions of Section 1777.5 of the Labor Code, and in accordance with the rules and procedures of the California Apprenticeship Council, properly indentured apprentices shall be employed in the prosecution of the work. The ratio of apprentices to journeymen who shall be employed in the respective crafts or trades may be the ratio stipulated in the apprenticeship standards under which the appropriate joint apprenticeship committee operates. Willful failure by the contractor to comply with said Section 1777.5 shall result in his being denied the right to bid on a public works contract for a period of six months from the date determination is made.

Information relative to number of apprentices, indemnification, wages, hours of employment and standards of working conditions shall be obtained from the Director of the Department of Industrial Relations, who is the Administrative Officer of the California Apprenticeship Council.

**Section 21 Labor Discrimination:**

Attention is directed to Section 1735 of the Labor Code, which reads as follows:

"No discrimination shall be made in the employment of persons upon public works because of the race, religious, creed, color, national origin or ancestry, physical handicap, medical condition, marital status, or sex of such persons, except as provided in Section 12940 of the Government Code. Any contractor for public works violating this section is subject to all penalties imposed for a violation of this chapter."

**Section 22 City Water:**

Contractors may obtain water from a filler line located at the City Corporation Yard, 714 Johnson Street, or from an alternate source approved by the Public Works Superintendent prior to the start of construction. Contact the Sebastopol Public Works Department for information. Unauthorized use of City hydrants or water outlets is not allowed and will result in legal proceedings by the City of Sebastopol.

**Section 23 Safety Standards and Accident Prevention:**

With respect to all work performed under this contract, the Contractor shall:

1. Comply with the safety standard provisions of applicable laws, building and construction codes in the "Manual of Accident Prevention in Construction" published by the Associated General Contractors of America, the requirements of the Occupational Safety and Health Act of 1970 (Public Law 91-596), and the requirements of Title 29 of the Code of Federal Regulations, Section 1518 as published in the "Federal Register," Volume 36, No. 75, Saturday, April 17, 1971.
2. Exercise every precaution at all times for the prevention of accidents and the protection of persons (including employees) and property.
3. Maintain at his field office or other well known place at the job site, all articles necessary for giving first aid to the injured, and shall make standing arrangements for the immediate removal to a hospital or a doctor's care of persons (including employees), who may be injured on the job site. In no case shall employees be permitted to work at a job site before the employer has made a standing arrangement for removal of injured persons to a hospital or a doctor's care.

**BIDDER'S PROPOSAL**

**(DO NOT DETACH)**

**SR 116 ADA SIDEWALK RAMPS  
CONTRACT NO. 2019-01**

To the Honorable City Council  
City of Sebastopol  
Sebastopol, California

Gentlemen:

The undersigned, as a bidder, declares that they have carefully examined the location of the proposed work and that they have examined the plans and specifications and hereby proposes to furnish all materials and to do all work required to complete the work in accordance with the plans and specifications. Bidder hereby agrees to commence work under this contract on or before a date specified in written "Notice to Proceed" of the Owner, and to complete the work within One Hundred Twenty (120) working days as stipulated in the specifications, or agree to the assessment of liquidated damages, and to accept payment in full for the work at the prices as set forth on the attached Bidder's sheets.

Licensed in accordance with an act providing for the registration of Contractor's License No. A or C12 .

(If an individual, so state. If a firm or co-partnership, state the firm name and give the names of all individual co-partners comprising the firm. If a corporation, state legal name of corporation and also name of President, Secretary, Treasurer and manager thereof).

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DATED: \_\_\_\_\_, 20\_\_

**BID SCHEDULE  
SR 116 ADA SIDEWALK RAMPS  
CITY OF SEBASTOPOL  
CONTRACT NO. 2019-01**

| ITEM NO.                                   | DESCRIPTION  | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|--|--|---------------------|------|--------------------|-----------------|
| <b>General Conditions</b>                  |  |                     |      |                    |                 |
| 1  | Traffic Control  | \$ _____            | LS   | 1                  | \$ _____        |
| 2  | Water Pollution and Erosion Control                                  | \$ _____            | LS   | 1                  | \$ _____        |
| 3  | Construction Area Signs  | \$ _____            | LS   | 1                  | \$ _____        |
| 4  | Mobilization, Bonds and Insurance<br>(Estimated at 5% of Total Cost) | \$ _____            | LS   | 1                  | \$ _____        |
| 5  | Remove and Replace 4" PCC Sidewalk                                   | \$ _____            | SF   | 10                 | \$ _____        |
|  |  |                     |      | <b>Subtotal GC</b> | <b>\$ _____</b> |
| <b>SR 116 and Hurlbut Ave Intersection</b> |  |                     |      |                    |                 |
| <b>North Corner (Ramp 1)</b>               |  |                     |      |                    |                 |
| 6  | Remove Existing PCC Vertical Curb & Gutter                           | \$ _____            | LF   | 55                 | \$ _____        |
| 7  | Remove Existing PCC Sidewalk & Access Ramps                          | \$ _____            | SF   | 400                | \$ _____        |
| 8  | Construct Type A2-6 PCC Curb and Gutter                              | \$ _____            | LF   | 55                 | \$ _____        |
| 9  | Construct PCC Sidewalks & Access Ramps                               | \$ _____            | SF   | 340                | \$ _____        |
| 10   | Remove Existing Pavement; Replace with 6.6" AC                       | \$ _____            | TONS | 5                  | \$ _____        |
| 11   | Place 23.4" of AB  | \$ _____            | TONS | 15                 | \$ _____        |
| 12   | Furnish and Install Detectable Warning Surfaces                      | \$ _____            | EA   | 2                  | \$ _____        |
| 13   | Furnish and Install 12" Wide Crosswalk/Stop Bar                      | \$ _____            | LF   | 5                  | \$ _____        |
| 14   | Adjust Utility Box to Grade  | \$ _____            | EA   | 4                  | \$ _____        |
| 15   | Paint Curb (Red)   | \$ _____            | LF   | 55                 | \$ _____        |
| 16   | Construct 6" Wide PCC Retaining Curb                                 | \$ _____            | LF   | 15                 | \$ _____        |
| 17   | Construct Grouted Cobble Hardscape                                   | \$ _____            | SF   | 65                 | \$ _____        |

|    |                                     |          |    |                        |                 |
|----|-------------------------------------|----------|----|------------------------|-----------------|
| 18 | Remove and Replace Street Name Sign | \$ _____ | EA | 1                      | \$ _____        |
|    |                                     |          |    | <b>Subtotal Ramp 1</b> | <b>\$ _____</b> |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                    | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY     | TOTAL ITEM COST |
|-----------------------------|---|---------------------|------|------------------------|-----------------|
| <b>West Corner (Ramp 3)</b> |   |                     |      |                        |                 |
| 19                          | Remove Existing PCC Vertical Curb & Gutter      | \$ _____            | LF   | 32                     | \$ _____        |
| 20                          | Remove Existing PCC Sidewalk & Access Ramps     | \$ _____            | SF   | 390                    | \$ _____        |
| 21                          | Construct Type A2-6 PCC Curb and Gutter         | \$ _____            | LF   | 32                     | \$ _____        |
| 22                          | Construct PCC Sidewalks & Access Ramps          | \$ _____            | SF   | 345                    | \$ _____        |
| 23                          | Remove Existing Pavement; Replace with 6.6" AC  | \$ _____            | TONS | 10                     | \$ _____        |
| 24                          | Place 23.4" of AB                               | \$ _____            | TONS | 25                     | \$ _____        |
| 25                          | Furnish and Install Detectable Warning Surfaces | \$ _____            | EA   | 2                      | \$ _____        |
| 26                          | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$ _____            | LF   | 25                     | \$ _____        |
| 27                          | Adjust Utility Box to Grade                     | \$ _____            | EA   | 4                      | \$ _____        |
| 28                          | Paint Curb (Red)                                | \$ _____            | LF   | 32                     | \$ _____        |
| 29                          | Construct 6" Wide PCC Retaining Curb            | \$ _____            | LF   | 13                     | \$ _____        |
| 30                          | Construct Grouted Cobble Hardscape              | \$ _____            | SF   | 65                     | \$ _____        |
|                             |   |                     |      | <b>Subtotal Ramp 3</b> | <b>\$ _____</b> |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                     | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY     | TOTAL ITEM COST |
|------------------------------|---|---------------------|------|------------------------|-----------------|
| <b>South Corner (Ramp 4)</b> |   |                     |      |                        |                 |
| 31                           | Remove Existing PCC Vertical Curb & Gutter      | \$                  | LF   | 43                     | \$              |
| 32                           | Remove Existing PCC Sidewalk & Access Ramps     | \$                  | SF   | 290                    | \$              |
| 33                           | Construct Type A2-6 PCC Curb and Gutter         | \$                  | LF   | 43                     | \$              |
| 34                           | Construct PCC Sidewalks & Access Ramps          | \$                  | SF   | 275                    | \$              |
| 35                           | Remove Existing Pavement; Replace with 6.6"AC   | \$                  | TONS | 12                     | \$              |
| 36                           | Place 23.4" of AB                               | \$                  | TONS | 35                     | \$              |
| 37                           | Furnish and Install Detectable Warning Surfaces | \$                  | EA   | 2                      | \$              |
| 38                           | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$                  | LF   | 16                     | \$              |
| 39                           | Adjust Utility Box to Grade                     | \$                  | EA   | 2                      | \$              |
| 40                           | Paint Curb (Red)                                | \$                  | LF   | 43                     | \$              |
| 41                           | Construct 6" Wide PCC Retaining Curb            | \$                  | LF   | 8                      | \$              |
| 42                           | Construct Grouted Cobble Hardscape              | \$                  | SF   | 15                     | \$              |
|                              |   |                     |      | <b>Subtotal Ramp 4</b> |                 |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                                   | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|--|---|---------------------|------|--------------------|-----------------|
| <b>SR 116 and Ellis Court Intersection</b> |   |                     |      |                    |                 |
| <b>West Corner (Ramp 7)</b>                |   |                     |      |                    |                 |
| 43   | Remove Existing PCC Vertical Curb & Gutter      | \$ _____            | LF   | 32                 | \$ _____        |
| 44   | Remove Existing PCC Sidewalk & Access Ramps     | \$ _____            | SF   | 180                | \$ _____        |
| 45   | Remove Existing Drain Inlet                     | \$ _____            | EA   | 1                  | \$ _____        |
| 46   | Construct Type A2-6 PCC Curb and Gutter         | \$ _____            | LF   | 32                 | \$ _____        |
| 47   | Construct 6" Wide PCC Vertical Retaining Curb   | \$ _____            | LF   | 10                 | \$ _____        |
| 48   | Construct PCC Sidewalks & Access Ramps          | \$ _____            | SF   | 180                | \$ _____        |
| 49   | Construct PCC 4" x 11" Steps                    | \$ _____            | EA   | 2                  | \$ _____        |
| 50   | Remove Existing Pavement; Replace with 6.6"AC   | \$ _____            | TONS | 15                 | \$ _____        |
| 51   | Place 23.4" of AB                               | \$ _____            | TONS | 50                 | \$ _____        |
| 52   | Furnish and Install Detectable Warning Surfaces | \$ _____            | EA   | 1                  | \$ _____        |
| 53   | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$ _____            | LF   | 25                 | \$ _____        |
| 54   | Furnish and Install CALTRANS Type GO DI         | \$ _____            | EA   | 1                  | \$ _____        |
| 55   | Paint Curb (Red)                                | \$ _____            | LF   | 55                 | \$ _____        |
| 56   | Remove and Replace Landscape Rocks              | \$ _____            | LF   | 10                 | \$ _____        |
| 57   | Remove and Replace R1-1 Stop Sign               | \$ _____            | EA   | 1                  | \$ _____        |
| <b>Subtotal Ramp 7</b>                     |   |                     |      |                    | <b>\$ _____</b> |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                    | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|-----------------------------|---|---------------------|------|--------------------|-----------------|
| <b>East Corner (Ramp 8)</b> |   |                     |      |                    |                 |
| 58                          | Remove Existing PCC Vertical Curb & Gutter      | \$ _____            | LF   | 25                 | \$ _____        |
| 59                          | Remove Existing PCC Sidewalk & Access Ramps     | \$ _____            | SF   | 50                 | \$ _____        |
| 60                          | Construct Type A2-6 PCC Curb and Gutter         | \$ _____            | LF   | 25                 | \$ _____        |
| 61                          | Construct 6" Wide PCC Vertical Retaining Curb   | \$ _____            | LF   | 20                 | \$ _____        |
| 62                          | Construct PCC Sidewalks & Access Ramps          | \$ _____            | SF   | 50                 | \$ _____        |
| 63                          | Remove Existing Pavement; Replace with 6.6"AC   | \$ _____            | TONS | 12                 | \$ _____        |
| 64                          | Place 23.4" of AB                               | \$ _____            | TONS | 35                 | \$ _____        |
| 65                          | Furnish and Install Detectable Warning Surfaces | \$ _____            | EA   | 1                  | \$ _____        |
| 66                          | Remove and Relocate Existing Fire Hydrant       | \$ _____            | EA   | 1                  | \$ _____        |
| 67                          | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$ _____            | LF   | 25                 | \$ _____        |
| 68                          | Paint Curb (Red)                                | \$ _____            | LF   | 25                 | \$ _____        |
| 69                          | Construct Rock Retaining Wall                   | \$ _____            | LF   | 5                  | \$ _____        |
| 70                          | (Item Deleted)                                  | N/A                 | N/A  | N/A                | N/A             |
| <b>Subtotal Ramp 8</b>      |   |                     |      |                    | <b>\$ _____</b> |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                                     | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|--|---|---------------------|------|--------------------|-----------------|
| <b>SR 116 and Cleveland Ave Intersection</b> |   |                     |      |                    |                 |
| <b>South Side (Ramp 11)</b>                  |   |                     |      |                    |                 |
| 71   | Remove Existing PCC Vertical Curb & Gutter      | \$ _____            | LF   | 20                 | \$ _____        |
| 72   | Remove Existing PCC Sidewalk & Access Ramps     | \$ _____            | SF   | 90                 | \$ _____        |
| 73   | Construct Type A2-6 PCC Curb and Gutter         | \$ _____            | LF   | 20                 | \$ _____        |
| 74   | Construct PCC Sidewalks & Access Ramps          | \$ _____            | SF   | 90                 | \$ _____        |
| 75   | Construct 6" Wide PCC Vertical Curb             | \$ _____            | LF   | 20                 | \$ _____        |
| 76   | Remove Existing Pavement; Replace with 4" AC    | \$ _____            | TONS | 1                  | \$ _____        |
| 77   | Place 8" of AB                                  | \$ _____            | TONS | 5                  | \$ _____        |
| 78   | Furnish and Install Detectable Warning Surfaces | \$ _____            | EA   | 1                  | \$ _____        |
| 79   | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$ _____            | LF   | 5                  | \$ _____        |
| 80   | Paint Curb (Red)                                | \$ _____            | LF   | 20                 | \$ _____        |
| <b>Subtotal Ramp 11</b>                      |   |                     |      |                    | <b>\$ _____</b> |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                                     | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|--|---|---------------------|------|--------------------|-----------------|
| <b>SR 116 and North Main St Intersection</b> |   |                     |      |                    |                 |
| <b>West Corner (Ramp 12)</b>                 |   |                     |      |                    |                 |
| 81   | Remove Existing PCC Vertical Curb & Gutter      | \$                  | LF   | 40                 | \$              |
| 82   | Remove Existing PCC Sidewalk & Access Ramps     | \$                  | SF   | 270                | \$              |
| 83   | Construct Type A2-6 PCC Curb and Gutter         | \$                  | LF   | 40                 | \$              |
| 84   | Construct 6" Wide PCC Vertical Retaining Curb   | \$                  | LF   | 50                 | \$              |
| 85   | Construct PCC Sidewalks & Access Ramps          | \$                  | SF   | 270                | \$              |
| 86   | Remove Existing Pavement, Replace with 6.6" AC  | \$                  | TONS | 5                  | \$              |
| 87   | Place 23.4" of AB                               | \$                  | TONS | 10                 | \$              |
| 88   | Furnish and Install Detectable Warning Surfaces | \$                  | EA   | 1                  | \$              |
| 89   | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$                  | LF   | 5                  | \$              |
| 90   | Adjust Utility Valve Boxes to Grade             | \$                  | EA   | 3                  | \$              |
| 1  | 90 Paint Curb (Red)                             | \$                  | LF   | 40                 | \$              |
| <b>Subtotal Ramp 12</b>                      |   |                     |      |                    | <b>\$</b>       |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                     | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|------------------------------|---|---------------------|------|--------------------|-----------------|
| <b>East Corner (Ramp 13)</b> |   |                     |      |                    |                 |
| 92                           | Remove Existing PCC Vertical Curb & Gutter      | \$                  | LF   | 30                 | \$              |
| 93                           | Remove Existing PCC Sidewalk & Access Ramps     | \$                  | SF   | 290                | \$              |
| 94                           | Construct Type A2-6 PCC Curb and Gutter         | \$                  | LF   | 30                 | \$              |
| 95                           | Construct 6" Wide PCC Vertical Retaining Curb   | \$                  | LF   | 15                 | \$              |
| 96                           | Construct PCC Sidewalks & Access Ramps          | \$                  | SF   | 290                | \$              |
| 97                           | Remove Existing Pavement; Replace with 6.6"AC   | \$                  | TONS | 5                  | \$              |
| 98                           | Place 23.4" of AB                               | \$                  | TONS | 10                 | \$              |
| 99                           | Furnish and Install Detectable Warning Surfaces | \$                  | EA   | 2                  | \$              |
| 100                          | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$                  | LF   | 5                  | \$              |
| 101                          | Adjust Utility Valve Covers to Grade            | \$                  | EA   | 1                  | \$              |
| 102                          | Paint Curb (Red)                                | \$                  | LF   | 30                 | \$              |
| 103                          | Construct Grouted Cobble Hardscape              | \$                  | SF   | 10                 | \$              |
| <b>Subtotal Ramp 13</b>      |   |                     |      |                    | <b>\$</b>       |

4

**BID SCHEDULE (Continued)**

**SR 116 ADA SIDEWALK RAMPS  
CITY OF SEBASTOPOL  
CONTRACT NO. 2019-01**

| <b>ITEM NO.</b>               | <b>DESCRIPTION</b>                              | <b>PROPOSED UNIT PRICE</b> | <b>UNIT</b> | <b>ESTIMATED QUANTITY</b> | <b>TOTAL ITEM COST</b> |
|-------------------------------|---|----------------------------|-------------|---------------------------|------------------------|
| <b>South Corner (Ramp 14)</b> |   |                            |             |                           |                        |
| 104                           | Remove Existing PCC Vertical Curb & Gutter      | \$ _____                   | LF          | 16                        | \$ _____               |
| 105                           | Remove Existing PCC Sidewalk & Access Ramps     | \$ _____                   | SF          | 200                       | \$ _____               |
| 106                           | Construct Type A2-6 PCC Curb and Gutter         | \$ _____                   | LF          | 16                        | \$ _____               |
| 107                           | Construct PCC Sidewalks & Access Ramps          | \$ _____                   | SF          | 200                       | \$ _____               |
| 108                           | Remove Existing Pavement; Replace with 4" AC    | \$ _____                   | TONS        | 1                         | \$ _____               |
| 109                           | Place 8" Of AB                                  | \$ _____                   | TONS        | 5                         | \$ _____               |
| 110                           | Furnish and Install Detectable Warning Surfaces | \$ _____                   | EA          | 1                         | \$ _____               |
| 111                           | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$ _____                   | LF          | 5                         | \$ _____               |
| 112                           | Paint Curb (Red)                                | \$ _____                   | LF          | 16                        | \$ _____               |
| <b>Subtotal Ramp 14</b>       |   |                            |             |                           | <b>\$ _____</b>        |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                                  | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|---|---|---------------------|------|--------------------|-----------------|
| <b>SR 116 and Wallace St Intersection</b> |   |                     |      |                    |                 |
| <b>Northeast Corner (Ramp 15)</b>         |   |                     |      |                    |                 |
| 113                                       | Remove Existing PCC Vertical Curb & Gutter      | \$                  | LF   | 40                 | \$              |
| 114                                       | Remove Existing PCC Sidewalk & Access Ramps     | \$                  | SF   | 190                | \$              |
| 115                                       | Remove Existing PCC Cross Gutter                | \$                  | SF   | 100                | \$              |
| 116                                       | Construct Type A2-6 PCC Curb and Gutter         | \$                  | LF   | 40                 | \$              |
| 117                                       | Construct 6" Wide PCC Vertical Retaining Curb   | \$                  | LF   | 45                 | \$              |
| 118                                       | Construct PCC Sidewalks & Access Ramps          | \$                  | SF   | 190                | \$              |
| 119                                       | Construct PCC Cross Gutter                      | \$                  | SF   | 100                | \$              |
| 120                                       | Remove Existing Pavement; Replace with 6.6" AC  | \$                  | TONS | 5                  | \$              |
| 121                                       | Place 23.4" of AB                               | \$                  | TONS | 10                 | \$              |
| 122                                       | Remove and Replace Street Name Sign             | \$                  | EA   | 1                  | \$              |
| 123                                       | Furnish and Install Detectable Warning Surfaces | \$                  | EA   | 1                  | \$              |
| 124                                       | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$                  | LF   | 5                  | \$              |
| 125                                       | Adjust Utility Valve Boxes to Grade             | \$                  | EA   | 2                  | \$              |
| 126                                       | Paint Curb (Red)                                | \$                  | LF   | 16                 | \$              |
| 127                                       | Construct Grouted Cobble Hardscape              | \$                  | SF   | 45                 | \$              |
| 128                                       | Relocate Existing T.V. Box                      | \$                  | EA   | 1                  | \$              |
| <b>Subtotal Ramp 15</b>                   |   |                     |      |                    | <b>\$</b>       |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                          | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|-----------------------------------|---|---------------------|------|--------------------|-----------------|
| <b>Southeast Corner (Ramp 16)</b> |   |                     |      |                    |                 |
| 129                               | Remove Existing PCC Vertical Curb & Gutter      | \$                  | LF   | 35                 | \$              |
| 130                               | Remove Existing PCC Sidewalk & Access Ramps     | \$                  | SF   | 125                | \$              |
| 131                               | Remove Existing PCC Cross Gutter                | \$                  | SF   | 80                 | \$              |
| 132                               | Construct Type A2-6 PCC Curb and Gutter         | \$                  | LF   | 35                 | \$              |
| 133                               | Construct 6" Wide PCC Vertical Retaining Curb   | \$                  | LF   | 35                 | \$              |
| 134                               | Construct PCC Sidewalks & Access Ramps          | \$                  | SF   | 125                | \$              |
| 135                               | Construct PCC Cross Gutter                      | \$                  | SF   | 80                 | \$              |
| 136                               | Remove Existing Pavement; Replace with 6.6" AC  | \$                  | TONS | 5                  | \$              |
| 137                               | Place 23.4" of AB                               | \$                  | TONS | 10                 | \$              |
| 138                               | Furnish and Install Detectable Warning Surfaces | \$                  | EA   | 1                  | \$              |
| 139                               | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$                  | LF   | 5                  | \$              |
| 140                               | Paint Curb (Red)                                | \$                  | LF   | 35                 | \$              |
| 141                               | Construct Grouted Cobble Hardscape              | \$                  | SF   | 15                 | \$              |
| <b>Subtotal Ramp 16</b>           |   |                     |      |                    | <b>\$</b>       |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                                  | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|---|---|---------------------|------|--------------------|-----------------|
| <b>SR 116 and Fannen Ave Intersection</b> |   |                     |      |                    |                 |
| <b>Southwest Corner (Ramp 18)</b>         |   |                     |      |                    |                 |
| 142                                       | Remove Existing PCC Vertical Curb & Gutter      | \$                  | LF   | 50                 | \$              |
| 143                                       | Remove Existing PCC Sidewalk & Access Ramps     | \$                  | SF   | 170                | \$              |
| 144                                       | Remove Existing PCC Cross Gutter                | \$                  | SF   | 35                 | \$              |
| 145                                       | Construct Type A2-6 PCC Curb and Gutter         | \$                  | LF   | 50                 | \$              |
| 146                                       | Construct 6" Wide PCC Vertical Retaining Curb   | \$                  | LF   | 40                 | \$              |
| 147                                       | Construct PCC Sidewalks & Access Ramps          | \$                  | SF   | 170                | \$              |
| 148                                       | Construct PCC Cross Gutter                      | \$                  | SF   | 35                 | \$              |
| 149                                       | Remove Existing Pavement; Replace with 6.6" AC  | \$                  | TONS | 10                 | \$              |
| 150                                       | Place 23.4" of AB                               | \$                  | TONS | 25                 | \$              |
| 151                                       | Furnish and Install Detectable Warning Surfaces | \$                  | EA   | 2                  | \$              |
| 152                                       | Remove and Replace Street Name Sign             | \$                  | EA   | 2                  | \$              |
| 153                                       | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$                  | LF   | 10                 | \$              |
| 154                                       | Adjust Utility Box to Grade                     | \$                  | EA   | 1                  | \$              |
| 155                                       | Paint Curb (Red)                                | \$                  | LF   | 50                 | \$              |
| <b>Subtotal Ramp 18</b>                   |   |                     |      |                    | <b>\$</b>       |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                          | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|-----------------------------------|---|---------------------|------|--------------------|-----------------|
| <b>Northwest Corner (Ramp 19)</b> |   |                     |      |                    |                 |
| 156                               | Remove Existing PCC Vertical Curb & Gutter      | \$                  | LF   | 30                 | \$              |
| 157                               | Remove Existing PCC Sidewalk & Access Ramps     | \$                  | SF   | 100                | \$              |
| 158                               | Remove Existing PCC Cross Gutter                | \$                  | SF   | 40                 | \$              |
| 159                               | Construct Type A2-6 PCC Curb and Gutter         | \$                  | LF   | 25                 | \$              |
| 160                               | Construct 6" Wide PCC Vertical Retaining Curb   | \$                  | LF   | 30                 | \$              |
| 161                               | Construct PCC Sidewalks & Access Ramps          | \$                  | SF   | 100                | \$              |
| 162                               | Construct PCC Cross Gutter                      | \$                  | SF   | 40                 | \$              |
| 163                               | Remove Existing Pavement; Replace with 6.6" AC  | \$                  | TONS | 5                  | \$              |
| 164                               | Place 23.4" of AB                               | \$                  | TONS | 15                 | \$              |
| 165                               | Remove and Replace Street Name Sign             | \$                  | EA   | 1                  | \$              |
| 166                               | Furnish and Install Detectable Warning Surfaces | \$                  | EA   | 2                  | \$              |
| 167                               | Adjust Utility Box to Grade                     | \$                  | EA   | 1                  | \$              |
| 168                               | Paint Curb (Red)                                | \$                  | LF   | 30                 | \$              |
| <b>Subtotal Ramp 19</b>           |   |                     |      |                    | <b>\$</b>       |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                          | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|-----------------------------------|---|---------------------|------|--------------------|-----------------|
| <b>Northeast Corner (Ramp 20)</b> |   |                     |      |                    |                 |
| 169                               | Remove Existing PCC Vertical Curb & Gutter      | \$ _____            | LF   | 40                 | \$ _____        |
| 170                               | Remove Existing PCC Sidewalk & Access Ramps     | \$ _____            | SF   | 225                | \$ _____        |
| 171                               | Construct Type A2-6 PCC Curb and Gutter         | \$ _____            | LF   | 30                 | \$ _____        |
| 172                               | Construct 6" Wide PCC Vertical Retaining Curb   | \$ _____            | LF   | 30                 | \$ _____        |
| 173                               | Construct PCC Sidewalks & Access Ramps          | \$ _____            | SF   | 225                | \$ _____        |
| 174                               | Remove Existing Pavement; Replace with 6.6" AC  | \$ _____            | TONS | 5                  | \$ _____        |
| 175                               | Place 23.4" of AB                               | \$ _____            | TONS | 10                 | \$ _____        |
| 176                               | Remove and Replace Street Name Sign             | \$ _____            | EA   | 2                  | \$ _____        |
| 177                               | Furnish and Install Detectable Warning Surfaces | \$ _____            | EA   | 2                  | \$ _____        |
| 178                               | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$ _____            | LF   | 25                 | \$ _____        |
| 179                               | Adjust Utility Box to Grade                     | \$ _____            | EA   | 1                  | \$ _____        |
| 180                               | Paint Curb (Red)                                | \$ _____            | LF   | 40                 | \$ _____        |
| <b>Subtotal Ramp 20</b>           |   |                     |      |                    | <b>\$ _____</b> |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                          | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|-----------------------------------|---|---------------------|------|--------------------|-----------------|
| <b>Southeast Corner (Ramp 21)</b> |   |                     |      |                    |                 |
| 181                               | Remove Existing PCC Vertical Curb & Gutter      | \$ _____            | LF   | 65                 | \$ _____        |
| 182                               | Remove Existing PCC Sidewalk & Access Ramps     | \$ _____            | SF   | 280                | \$ _____        |
| 183                               | Remove Existing 2-6" SD Pipe                    | \$ _____            | LF   | 30                 | \$ _____        |
| 184                               | Construct Type A2-6 PCC Curb and Gutter         | \$ _____            | LF   | 55                 | \$ _____        |
| 185                               | Construct 6" Wide PCC Vertical Retaining Curb   | \$ _____            | LF   | 65                 | \$ _____        |
| 186                               | Construct PCC Sidewalks & Access Ramps          | \$ _____            | SF   | 280                | \$ _____        |
| 187                               | Remove Existing Pavement; Replace with 6.6" AC  | \$ _____            | TONS | 25                 | \$ _____        |
| 188                               | Place 23.4" of AB                               | \$ _____            | TONS | 65                 | \$ _____        |
| 189                               | Furnish and Install Detectable Warning Surfaces | \$ _____            | EA   | 2                  | \$ _____        |
| 190                               | Furnish and Install CALTRANS Type GT-3 DI       | \$ _____            | EA   | 2                  | \$ _____        |
| 191                               | Furnish and Install 12" HDPE Storm Drain Pipe   | \$ _____            | EA   | 10                 | \$ _____        |
| 192                               | Furnish and Install 15" HDPE Storm Drain Pipe   | \$ _____            | EA   | 25                 | \$ _____        |
| 193                               | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$ _____            | LF   | 30                 | \$ _____        |
| 194                               | Adjust Existing Storm Drain Basin Lid to Grade  | \$ _____            | EA   | 2                  | \$ _____        |
| 195                               | Paint Curb (Red)                                | \$ _____            | LF   | 65                 | \$ _____        |
| <b>Subtotal 21</b>                |   |                     |      |                    | <b>\$ _____</b> |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                                 | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|--|---|---------------------|------|--------------------|-----------------|
| <b>SR 116 and Maple Ave Intersection</b> |   |                     |      |                    |                 |
| <b>Northwest Corner (Ramp 22)</b>        |   |                     |      |                    |                 |
| 196                                      | Remove Existing PCC Vertical Curb & Gutter      | \$                  | LF   | 45                 | \$              |
| 197                                      | Remove Existing PCC Sidewalk & Access Ramps     | \$                  | SF   | 200                | \$              |
| 198                                      | Construct Type A2-6 PCC Curb and Gutter         | \$                  | LF   | 45                 | \$              |
| 199                                      | Construct 6" Wide PCC Vertical Retaining Curb   | \$                  | LF   | 30                 | \$              |
| 200                                      | Construct PCC Sidewalks & Access Ramps          | \$                  | SF   | 200                | \$              |
| 201                                      | Remove Existing Pavement; Replace with 6.6" AC  | \$                  | TONS | 5                  | \$              |
| 202                                      | Place 23.4" of AB                               | \$                  | TONS | 15                 | \$              |
| 203                                      | Furnish and Install Detectable Warning Surface  | \$                  | EA   | 1                  | \$              |
| 204                                      | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$                  | LF   | 10                 | \$              |
| 205                                      | Adjust Utility Valve Cover to Grade             | \$                  | EA   | 1                  | \$              |
| 206                                      | Paint Curb (Red)                                | \$                  | LF   | 45                 | \$              |
| <b>Subtotal Ramp 22</b>                  |   |                     |      |                    | <b>\$</b>       |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM NO.                          | DESCRIPTION                                     | PROPOSED UNIT PRICE | UNIT | ESTIMATED QUANTITY | TOTAL ITEM COST |
|-----------------------------------|---|---------------------|------|--------------------|-----------------|
| <b>Southwest Corner (Ramp 23)</b> |   |                     |      |                    |                 |
| 207                               | Remove Existing PCC Vertical Curb & Gutter      | \$ _____            | LF   | 40                 | \$ _____        |
| 208                               | Remove Existing PCC Sidewalk & Access Ramps     | \$ _____            | SF   | 210                | \$ _____        |
| 209                               | Remove Existing Drain Inlet                     | \$ _____            | EA   | 1                  | \$ _____        |
| 210                               | Construct Type A2-6 PCC Curb and Gutter         | \$ _____            | LF   | 40                 | \$ _____        |
| 211                               | Construct 6" Wide PCC Vertical Curb             | \$ _____            | LF   | 45                 | \$ _____        |
| 212                               | Construct PCC Sidewalks & Access Ramps          | \$ _____            | SF   | 210                | \$ _____        |
| 213                               | Remove Existing Pavement; Replace with 6.6" AC  | \$ _____            | TONS | 5                  | \$ _____        |
| 214                               | Place 23.4" of AB                               | \$ _____            | TONS | 15                 | \$ _____        |
| 215                               | Furnish and Install Detectable Warning Surfaces | \$ _____            | EA   | 1                  | \$ _____        |
| 216                               | Furnish and Install CALTRANS Type GO DI         | \$ _____            | EA   | 1                  | \$ _____        |
| 216a                              | Furnish and Install CALTRANS Type G3 DI         | \$ _____            | EA   | 1                  | \$ _____        |
| 217                               | Furnish and Install 12" Wide Crosswalk/Stop Bar | \$ _____            | LF   | 10                 | \$ _____        |
| 218                               | Remove and Replace Street Name Sign             | \$ _____            | EA   | 1                  | \$ _____        |
| 219                               | Adjust Utility Valve Boxes to Grade             | \$ _____            | EA   | 2                  | \$ _____        |
| 220                               | Paint Curb (Red)                                | \$ _____            | LF   | 40                 | \$ _____        |
| <b>Subtotal Ramp 23</b>           |   |                     |      |                    | <b>\$ _____</b> |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM<br>NO.                              | DESCRIPTION                                     | PROPOSED<br>UNIT<br>PRICE | UNIT | ESTIMATED<br>QUANTITY | TOTAL<br>ITEM COST |
|--|---|---------------------------|------|-----------------------|--------------------|
| <b>SR 116 and Cooper Rd Intersection</b> |   |                           |      |                       |                    |
| <b>Northeast Corner (Ramp 25)</b>        |   |                           |      |                       |                    |
| 221                                      | Remove Existing PCC Vertical Curb & Gutter      | \$                        | LF   | 25                    | \$                 |
| 222                                      | Remove Existing PCC Sidewalk & Access Ramps     | \$                        | SF   | 100                   | \$                 |
| 223                                      | Construct PCC Curb and Gutter                   | \$                        | LF   | 25                    | \$                 |
| 224                                      | Construct 6" Wide PCC Vertical Curb             | \$                        | LF   | 20                    | \$                 |
| 225                                      | Construct PCC Sidewalks & Access Ramps          | \$                        | SF   | 100                   | \$                 |
| 226                                      | Remove Existing Pavement; Replace with 6.6" AC  | \$                        | TONS | 2                     | \$                 |
| 227                                      | Place 23.4" of AB                               | \$                        | TONS | 10                    | \$                 |
| 228                                      | Furnish and Install Detectable Warning Surfaces | \$                        | EA   | 1                     | \$                 |
| 229                                      | Furnish and Install "STOP" Pavement Marking     | \$                        | SF   | 25                    | \$                 |
| 230                                      | Remove and Replace Street Name Sign             | \$                        | EA   | 1                     | \$                 |
| 231                                      | Paint Curb (Red)                                | \$                        | LF   | 25                    | \$                 |
| <b>Subtotal Ramp 25</b>                  |   |                           |      |                       | <b>\$</b>          |

**BID SCHEDULE (Continued)**  
**SR 116 ADA SIDEWALK RAMPS**  
**CITY OF SEBASTOPOL**  
**CONTRACT NO. 2019-01**

| ITEM<br>NO. | DESCRIPTION | PROPOSED<br>UNIT<br>PRICE | UNIT | ESTIMATED<br>QUANTITY | TOTAL ITEM<br>COST |
|-------------|-------------|---------------------------|------|-----------------------|--------------------|
|-------------|-------------|---------------------------|------|-----------------------|--------------------|

**SUMMARY OF RAMP BIDS**

**SUBTOTALS**

|                  |          |
|------------------|----------|
| Subtotal GC      | \$ _____ |
| Subtotal Ramp 1  | \$ _____ |
| Subtotal Ramp 3  | \$ _____ |
| Subtotal Ramp 4  | \$ _____ |
| Subtotal Ramp 7  | \$ _____ |
| Subtotal Ramp 8  | \$ _____ |
| Subtotal Ramp 11 | \$ _____ |
| Subtotal Ramp 12 | \$ _____ |
| Subtotal Ramp 13 | \$ _____ |
| Subtotal Ramp 14 | \$ _____ |
| Subtotal Ramp 15 | \$ _____ |
| Subtotal Ramp 16 | \$ _____ |
| Subtotal Ramp 18 | \$ _____ |
| Subtotal Ramp 19 | \$ _____ |
| Subtotal Ramp 20 | \$ _____ |
| Subtotal Ramp 21 | \$ _____ |
| Subtotal Ramp 22 | \$ _____ |
| Subtotal Ramp 23 | \$ _____ |
| Subtotal Ramp 25 | \$ _____ |

**PROPOSED TOTAL BID COST = \$ \_\_\_\_\_**

**ALL RAMPS (FIGURES)**

---

(in words)

Above unit prices shall include all costs for performing the entire contract as shown on the plans and included in these specifications and shall include but not be limited to all labor, materials, tools, equipment, mobilization, tree preservation profit, overhead, insurance, bonds, and the like to finish the various forms of work.

Bidder Understands that the Owner reserves the right to reject any or all bids and to waive any informality in the bidding.

The bidder agrees that this bid shall be good and may not be withdrawn for a period of 30 calendar days after the scheduled closing time for bids.

Upon receipt of written notice of the acceptance of this bid, bidder will execute the formal contract attached within 10 days and deliver a Surety Bond or Bonds as required by the section of the General Conditions entitled "Contract Security." The bid security attached in the sum of

\_\_\_\_\_ (\$ \_\_\_\_\_), is to become the property of the Owner in the event the contract and bond are not executed within the time and additional expense to the Owner caused thereby.

Respectfully Submitted,

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Address

SEAL - (If Bid by a Corporation)

\_\_\_\_\_  
City, State, Zip Code



**LIST OF SUBCONTRACTORS  
TO BE COMPLETED BY BIDDER AND  
SUBMITTED WITH THE BID**

In accordance with the provisions of Sections 4104 and 4111, inclusive, of the Government Code of the State of California, each bidder shall list below the name and location of place of business of each subcontractor who will perform a portion of the contract work in an amount in excess of one-half of one percent of the total contract price. In each such instance, the nature and extent of the work to be subcontracted shall be described.

The General Contractor to whom the contract is awarded will not be permitted without written consent of the City, to substitute any person as subcontractor in place of the subcontractor designated in the original bid, or to permit any subcontract to be assigned or transferred, or to allow it to be performed by anyone other than the original subcontractor. If the original subcontractor, after having reasonable opportunity to do so, shall fail or refuse to execute the written contract presented to him by the General Contractor, the owner shall be notified and a replacement agreed upon.

The failure of the Contractor to specify a subcontractor for any portion of the contract work in excess of one-half of one percent of the total contract price shall be deemed to indicate that the Contractor intends to perform such portion himself. The subcontracting of work for which no subcontractor was designated in the original bid and which is in excess of one-half of one percent of the total contract price, will be allowed only with the written consent of the City.

| Subcontractor Name | Contractors License # | D.I.R. # | Address of Office, Mill or Shop | Description of Work To Be Performed | % of Total Bid |
|--------------------|-----------------------|----------|---------------------------------|-------------------------------------|----------------|
|                    |                       |          |                                 |                                     |                |
|                    |                       |          |                                 |                                     |                |
|                    |                       |          |                                 |                                     |                |
|                    |                       |          |                                 |                                     |                |
|                    |                       |          |                                 |                                     |                |
|                    |                       |          |                                 |                                     |                |
|                    |                       |          |                                 |                                     |                |
|                    |                       |          |                                 |                                     |                |

**NOTE: All subcontractors must provide insurance certificates and endorsements in accordance with “Insurance Requirements For Contractors” contained in this document.**

**BID BOND**

**TO BE EXECUTED BY THE BIDDER AND  
SUBMITTED WITH THE BID**

**KNOW ALL MEN BY THESE PRESENTS**, that we, the undersigned, \_\_\_\_\_  
\_\_\_\_\_ as Principal, and \_\_\_\_\_  
as Surety, are hereby held and firmly bound unto the CITY OF SEBASTOPOL, as owner in the penal sum  
of \$ \_\_\_\_\_ for the payment of which, well and truly to be made, we hereby jointly and  
severally bind ourselves, our heirs, executors, administrators, successors and assigns.

Signed this \_\_\_\_\_ day of, \_\_\_\_\_ 20\_\_\_\_.

The condition of the above obligation is such that whereas the Principal has submitted to the CITY OF  
SEBASTOPOL a certain Bid, attached hereto and hereby made a part hereof to enter in a contract in writing  
for the

**SR 116 ADA SIDEWALK RAMPS  
CONTRACT NO. 2019-01**

**NOW, THEREFORE,**

- (a) If said Bid shall be rejected, or in the alternate,
- (b) If said Bid shall be accepted and the Principal shall execute and deliver a contract in the Form of  
Contract attached hereto (properly completed in accordance with said Bid) and shall furnish a bond  
for his faithful performance of said contract, and for the payment of all persons performing labor  
or furnishing materials in connection therewith, and shall in all other respects perform the  
agreement created by the acceptance of said Bid, then this obligation shall be void, otherwise the  
same shall remain in force and effect; it being expressly understood and agreed that the liability of  
the Surety for any and all claims hereunder, in no event, exceed the penal amount of this obligation  
as herein stated. The Surety for value received, hereby stipulated and agrees that the obligations  
of said surety and its bond shall be in no way impaired or affected by any extension of the time  
within which the Owner may accept such Bid; and said Surety does hereby waive notice of any  
such extension.

**IN WITNESS WHEREOF**, the Principal and the Surety have hereunto set their hands and seals, and such  
of them are corporations have caused their corporate seals to be hereto affixed and these presents to be  
signed by their proper officers, the day and year first set forth above.

\_\_\_\_\_  
Principal

\_\_\_\_\_  
Surety

SEAL BY: \_\_\_\_\_

**NONCOLLUSION AFFIDAVIT  
TO BE EXECUTED BY BIDDER AND  
SUBMITTED WITH BID**

State of California                    )  
  ) ss.  
County of \_\_\_\_\_ )

\_\_\_\_\_  
Being first duly sworn, deposes and says that he or she is \_\_\_\_\_ of \_\_\_\_\_ the party making the foregoing bid that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, of the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

\_\_\_\_\_  
Principal

**CONTRACT**

**THIS AGREEMENT**, made this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between CITY OF SEBASTOPOL, herein called "owner," acting herein through its CITY MANAGER and

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

STRIKE OUT (A Corporation) (A Partnership)  
INAPPLICABLE (An Individual doing business as \_\_\_\_\_)  
TERMS

of \_\_\_\_\_, County of \_\_\_\_\_, State of \_\_\_\_\_, hereinafter called "Contractor."

**WITNESSETH:** That for and in consideration of the payment and agreement hereinafter mentioned, to be made and performed by the OWNER, the CONTRACTOR hereby agrees with the OWNER to commence and complete the construction described as follows:

**SR 116 ADA SIDEWALK RAMPS  
CONTRACT NO. 2019-01**

hereinafter called the project, for the sum of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_) and all extra work in connection therewith, under the terms as stated in the General Conditions and Special Provisions of the Contract; and at his (its or their) own proper cost and expense to furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor, insurance, and other accessories and services necessary to complete the said project in accordance with the conditions and prices stated in Notice to Bidders, Bidders Proposal, the General Conditions, and Special Provisions of the Contract, the plans, which include all maps, plats, blue prints, and other drawings or written explanation matter thereof, the specifications and contract documents therefor as prepared by the City of Sebastopol Public Works Department, herein entitled the Engineer all of which are made a part hereof and collectively evidence and constitute the contract.

The Contractor hereby agrees to commence work under this contract on or before a date to be specified in a written "Notice to Proceed" of the Owner, and to fully complete the project within One Hundred Twenty (120) working days. The Contractor further agrees to pay, as liquidated damages, the sum of \$500.00 for each consecutive working day thereafter as provided in Section 9 of the Information to Bidders.

The Owner agrees to pay the Contractor in current funds for the performance of the Contract, subject to additions and deductions, as provided in the General Conditions of the contract, and to make payments on account thereof as provided in Part II, Section 20, "Payments to Contractor" of the General Conditions.

**IN WITNESS WHEREOF, the parties to these presents have executed this contract in three (3) counterparts, each of which shall be deemed an original, in the year and day above mentioned.**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**SEAL**

CITY OF SEBASTOPOL

(Owner)

**Attest:**

BY: \_\_\_\_\_

\_\_\_\_\_  
(City Clerk)

\_\_\_\_\_  
(City Manager)

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
(Contractor)

**SEAL**

BY: \_\_\_\_\_

\_\_\_\_\_  
(Secretary)

\_\_\_\_\_  
(Title)

\_\_\_\_\_  
(Witness)

NOTE: Secretary of the Owner should attest. If Contractor is a corporation, Secretary should attest.

**100%  
PERFORMANCE BOND**

**KNOW ALL MEN BY THESE PRESENTS:** That we (1) \_\_\_\_\_  
\_\_\_\_\_ a (2) \_\_\_\_\_ hereinafter called "Principal"  
and (3) \_\_\_\_\_ of \_\_\_\_\_ State of \_\_\_\_\_  
\_\_\_\_\_ hereinafter called "Surety", are held and firmly bound into (4) CITY OF  
SEBASTOPOL of SEBASTOPOL, CALIFORNIA hereinafter called "Owner", in the penal sum of  
\_\_\_\_\_ Dollars (\$) \_\_\_\_\_ in lawful  
money of the United States, for the payment of which sum well and truly to be made, we bind ourselves,  
our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

**THE CONDITION OF THIS OBLIGATION** is such that Whereas, the Principal entered into a certain  
contract with the Owner dated the \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_, a copy of which is hereto attached  
and made a part hereof for the construction of:

**SR 116 ADA SIDEWALK RAMPS  
CONTRACT NO. 2019-01**

**NOW, THEREFORE,** if the principal shall well, truly and faithfully perform its duties, all the  
undertakings, covenants, terms, conditions and agreements of said contract during the original term thereof,  
and any extensions thereof which may be granted by the Owner, with or without notice to the Surety, and  
if he shall satisfy all claims and demands incurred under such contract, and shall fully indemnify and save  
harmless the Owner from all costs and damages which it may suffer by reason of failure to do so, and shall  
reimburse and repay the Owner all outlay and expense which the Owner may incur in making good any  
default, then this obligation shall be void; otherwise to remain in full force and effect.

**PROVIDED, FURTHER,** that the said Surety, for value received hereby stipulates and agrees that no  
change, extension of time, alteration or addition to the terms of the contract or to the work performed  
thereunder or the specifications accompanying the same shall in any wise affect its obligation on this bond,  
and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms  
of the contract or to the work or to the specifications.

**PROVIDED, FURTHER,** that no final settlement between the Owner and the Contractor shall abridge the  
right of any beneficiary hereunder, whose claim may be unsatisfied.

IN WITNESS THEREOF, this instrument is executed in three (3) counterparts, each one of which shall be deemed an original, this the \_\_\_\_\_, day of \_\_\_\_\_, 20\_\_\_\_\_.

ATTEST:

\_\_\_\_\_  
(Principal)  
By: \_\_\_\_\_  
\_\_\_\_\_  
(Address)

(SEAL)

\_\_\_\_\_  
Witness as to Principal  
\_\_\_\_\_  
(Address)

ATTEST:

\_\_\_\_\_  
(Surety)  
By: \_\_\_\_\_  
Attorney-in-Fact  
\_\_\_\_\_  
(Surety) Secretary

\_\_\_\_\_  
(Address)

(SEAL)

\_\_\_\_\_  
Witness as to Principal  
\_\_\_\_\_  
(Address)

NOTE: Date of Bond must not be prior to date of Contract.

- (1) Correct Name of Contractor
- (2) A Corporation, a Partnership or an Individual, as case may be
- (3) Correct Name of Surety
- (4) Correct Name of Owner
- (5) If Contractor is Partnership, all partners should execute bond.

**50% PAYMENT BOND**

**KNOW ALL MEN BY THESE PRESENTS:** That we \_\_\_\_\_  
(Name of Contractor)  
\_\_\_\_\_ a \_\_\_\_\_  
(Corporation, Partnership or Individual)  
\_\_\_\_\_ hereinafter called "Principal" and \_\_\_\_\_  
(Surety)  
\_\_\_\_\_ of \_\_\_\_\_ State of \_\_\_\_\_

hereinafter called "Surety", are held and firmly bound unto the CITY OF SEBASTOPOL, 7120 BODEGA AVENUE, SEBASTOPOL, CALIFORNIA 95472, hereinafter called "Owner", in the penal sum of \_\_\_\_\_

Dollars (\$\_\_\_\_\_) in lawful money of the United States, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

**THE CONDITION OF THIS OBLIGATION** is such that Whereas, the Principal entered into a certain contract with the Owner dated the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, a copy of which is hereto attached and made a part hereof for the construction of:

**SR 116 ADA SIDEWALK RAMPS  
CONTRACT NO. 2019-01**

**NOW, THEREFORE**, if the principal shall promptly make payment to all persons, firms, subcontractors, and corporations furnishing materials for or performing labor in the prosecution of the work provided for in such contract, any authorized extension of modification thereof, including all amounts due for materials, lubricants, oil, gasoline, and coal, repairs on machinery, equipment and tools, consumed or used in connection with the construction of such work, and all insurance premiums on said work, and for all labor, performed in such work whether by subcontractor or otherwise then this obligation shall be void; otherwise to remain in full force and effect.

**PROVIDED, FURTHER**, that the said Surety, for value received hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract or to the work performed thereunder or the specifications accompanying the same shall in any wise affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract or to the work or to the specifications.

**PROVIDED, FURTHER**, that no final settlement between the Owner and the Contractor shall abridge the right of any beneficiary hereunder, whose claim may be unsatisfied.

**IN WITNESS THEREOF**, this instrument is executed in three (3) counterparts, each one of which shall be deemed an original, this the \_\_\_\_\_, day of \_\_\_\_\_, 20\_\_\_\_.

**ATTEST:**

\_\_\_\_\_

\_\_\_\_\_  
(Principal)

By: \_\_\_\_\_(S)

\_\_\_\_\_  
(Address)

**(SEAL)**

\_\_\_\_\_  
Witness as to Principal

\_\_\_\_\_  
(Address)

\_\_\_\_\_  
(Surety)

**ATTEST:**

By: \_\_\_\_\_  
Attorney-in-Fact

\_\_\_\_\_  
(Surety) Secretary

\_\_\_\_\_  
(Address)

**(SEAL)**

\_\_\_\_\_  
Witness as to Principal

\_\_\_\_\_  
(Address)

NOTE: Date of Bond must not be prior to date of Contract.

- (1) If Contractor is a Partnership, all partners should execute bond.

**CITY OF SEBASTOPOL  
INSURANCE REQUIREMENTS FOR CONTRACTORS**

Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors.

Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial General Liability coverage (occurrence form CG0001).
2. Insurance Services Office form number CA 0001 (Ed. 1/87) covering Automobile Liability, code 1 (any auto).
3. Worker's Compensation insurance as required by the State of California and Employer's Liability Insurance. A Waiver of Subrogation endorsement is required on Workers' Compensation Insurance.

Minimum Limits of Insurance

Contractor shall maintain limits no less than:

1. **General Liability:** \$3,000,000 per occurrence for bodily injury, personal injury and property damage including operations, products and completed operations, as applicable. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. **Auto Liability:** \$2,000,000 per accident for bodily injury and property damage.
3. **Employer's Liability:** \$1,000,000 per accident for bodily injury or disease.

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be disclosed to and approved by the City. At the option of the City, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its officers, officials, employees and volunteers, or the Contractor shall provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration and defense expenses.

Other Insurance Provisions

All required general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The *named additional insured* with respect to this contract shall include the following:

**The CITY OF SEBASTOPOL, its Officers, Officials, Employees and Volunteers.**

2. The *named additional insured* are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the contractor; and with respect to all liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance, or as a separate owner's policy.

## INSURANCE REQUIREMENTS FOR CONTRACTORS (continued)

3. For any claims related to this project, the Additional Insured coverage under the Contractor's policy shall be "primary and non-contributory" and will not seek contribution from the City of Sebastopol's insurance or self-insurance.
4. It shall be a requirement under this contract that any available insurance proceeds broader than or in excess of the specified minimum Insurance coverage requirements and/or limits shall be available to the Additional Insured. Furthermore, the requirements for coverage and limits shall be (1) the minimum coverage and limits specified in this Contract; or (2) the broader coverage and maximum limits of coverage of any Insurance policy or proceeds available to the named Insured; whichever is greater.
5. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be cancelled by either party, except after thirty (30) day's prior written notice by certified mail, return receipt requested, has been given to the City of Sebastopol and the County of Sonoma.

### Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII.

### Verification of Coverage

Within ten days of the City's request, the Contractor shall furnish the City with original certificates and amendatory endorsements affecting the coverage required by this clause. The endorsements should be on forms provided by the City or on other than the City's forms or a separate owners policy, provided those forms or policies are approved by the City and amended to conform to the City's requirements. All certificates and endorsements are to be received and approved by the City before the contract is executed. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time.

**All certificates and endorsements shall reference the appropriate policy number, names of insured, and shall be signed by an authorized representative of the insurer.**

### Subcontractors

Contractor agrees to include with all subcontractors in their subcontract the same requirements and provisions of this agreement including the indemnity and Insurance requirements to the extent they apply to the scope of the Subcontractor's work. Subcontractors hired by Contractor agree to be bound to Contractor and City in the same manner and to the same extent as Contractor is bound to City under the Contract. Subcontractor further agrees to include these same provisions with any Sub-subcontractor. A copy of the contract indemnity and insurance provisions will be furnished to the Subcontractor upon request. The Contractor shall require all sub-contractors to provide a valid certificate of insurance and the required endorsements included in the agreement prior to commencement of any work and contractor will provide proof of compliance to the city.

Subcontractor agrees to be bound to Contractor and City in the same manner and to the same extent as Contractor is bound to City under the contract. Subcontractor further agrees to include the same requirements and provisions of this agreement, including the indemnity and insurance requirements, with any Sub-subcontractor to the extent they apply to the scope of the Sub-subcontractor's work. A copy of the City contract indemnity and insurance provisions will be furnished to the Subcontractor upon request.

PART II

GENERAL CONDITIONS

| SECTION | TITLE  | PAGE   |
|---------|--|--------|
| 1       | Definitions                                      | II- 1  |
| 2       | Shop or Setting Drawings                         | II- 1  |
| 3       | Materials, Services and Facilities               | II- 1  |
| 4       | Contractor's Title or Materials                  | II- 1  |
| 5       | Inspection and Testing of Materials              | II- 2  |
| 6       | "Or Equal" Clause                                | II- 2  |
| 7       | Surveys, Permits and Regulations                 | II- 2  |
| 8       | Contractor's Obligations                         | II- 2  |
| 9       | Weather Conditions                               | II- 3  |
| 10      | Protection of Work and Property - Emergency      | II- 3  |
| 11      | Reports, Records and Data                        | II- 3  |
| 12      | Superintendence by Contractor                    | II- 3  |
| 13      | Changes in Work                                  | II- 3  |
| 14      | Extras   | II- 4  |
| 15      | Time for Completion and Liquidated Damages       | II- 4  |
| 16      | Correction of Work                               | II- 5  |
| 17      | Claims for Extra Cost                            | II- 5  |
| 18      | Right of the Owner to Terminate Contract         | II- 5  |
| 19      | Construction Schedule and Periodic Estimates     | II- 6  |
| 20      | Payments to Contractor                           | II- 6  |
| 21      | Acceptance of Final Payment Constitutes Release  | II- 7  |
| 22      | Contract Security                                | II- 7  |
| 23      | Mutual Responsibility of Contractors             | II- 7  |
| 24      | Separate Contract                                | II- 7  |
| 25      | Subcontracting                                   | II- 7  |
| 26      | Engineer's Authority                             | II- 8  |
| 27      | Use of Premises and Removal of Debris            | II- 8  |
| 28      | Quantities of Estimate                           | II- 8  |
| 29      | Lands and Rights-of-Way                          | II- 9  |
| 30      | General Guaranty                                 | II- 9  |
| 31      | Insurance Requirements for Contractors           | II- 9  |
| 32      | Workmen's Compensation Insurance                 | II- 9  |
| 33      | Claims and Arbitration                           | II- 9  |
| 34      | Damage by Storm, Flood, Tidal Wave or Earthquake | II- 11 |
| 35      | Checking of Drawings                             | II- 11 |
| 36      | As-Built Drawings                                | II- 11 |
| 37      | Substitute Materials and Equipment               | II- 12 |

|    |   |     |    |
|----|---|-----|----|
| 38 | Defective Material or Work                      | II- | 12 |
| 39 | Right to Retain Imperfect Work                  | II- | 12 |
| 40 | Existing Utilities                              | II- | 12 |
| 41 | Differing Site Conditions                       | II- | 13 |
| 42 | Project Appearance                              | II- | 13 |
| 43 | Hazardous Waste in Excavation                   | II- | 14 |
| 44 | Removal of Asbestos and Hazardous Substances    | II- | 14 |
| 45 | Substitution of Securities for Withheld Funds   | II- | 14 |
| 46 | Antitrust Claim Assignment                      | II- | 18 |
| 47 | Examination and Audit of Contracts              | II- | 18 |
| 48 | Sanitary Sewer Overflow Emergency Response Plan | II- | 18 |

**PART II**  
**GENERAL CONDITIONS**

**Section 1 Definitions:**

The following terms as used in this contract are respectively defined as follows:

- (a) "Contractor": A person, firm or corporation with whom the contract is made by the Owner.
- (b) "Engineer": The City Engineer of the City of Sebastopol, acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties entrusted to them.
- (c) "Subcontractor": A person, firm or corporation supplying labor and materials or only labor for work at the site of the project for, and under separate contract or agreement with, the Contractor.
- (d) "Owner": The City of Sebastopol.
- (e) "Work on (at) the project": Work to be performed at the location of the project, including the transportation of materials and supplies to or from the location of the project by employees of the Contractor and any Subcontractor.

**Section 2 Shop or Setting Drawings:**

The Contractor shall submit promptly to the Engineer copies of each shop or setting drawing as specified in Part IV, Specifications. After examination, such drawings by the engineer and the return thereof, the Contractor shall make such corrections to the drawings as have been indicated and shall furnish the Engineer with two corrected copies. If requested by the Engineer, the Contractor must furnish additional copies. Regardless of corrections made in or approval given to such drawings by the Engineer, the Contractor will nevertheless be responsible for the accuracy of such drawings and for the conformity to the Plans and Specifications, unless he notifies the Engineer in writing of any deviations at the time he furnishes such drawings.

**Section 3 Materials, Services and Facilities:**

- (a) It is understood that except as otherwise specifically stated in the Contract documents, the Contractor shall provide and pay for all materials, labor, tools, equipment, water, light, power, transportation, superintendence, temporary construction of every nature, and all other services and facilities of every nature whatsoever necessary to execute, complete and deliver the work within the specified time.
- (b) Any work necessary to be performed after regular working hours, on Sundays or Legal Holidays, shall be performed without additional expense to the Owner.

**Section 4 Contractor's Title or Materials:**

No materials or supplies for the work shall be purchased by the Contractor or by any Subcontractor subject to any chattel mortgage or under a conditional sale contract or other agreement by which an interest is retained by the seller. The Contractor warrants that he has good title to all materials and supplies used by him in the work, free from all liens, claims or encumbrances.

**Section 5 Inspection and Testing of Materials:**

- (a) All materials and equipment used in the construction of the project shall be subject to adequate inspection and testing in accordance with accepted standards. The laboratory or inspection agency shall be selected by the Owner. The Owner will pay for all laboratory inspection service direct, and not as a part of the contract.
- (b) Materials of construction, particularly those upon which the strength and durability of the structure may depend, shall be subject to inspection and testing to establish conformance with specifications and suitability for uses intended.

**Section 6 "Or Equal" Clause:**

Whenever a material, article or piece of equipment is identified on the plans or in the specifications by reference to manufacturers' or vendor's names, trade names, catalogue numbers, etc., it is intended merely to establish a standard; and, any material, article, or equipment of other manufacturers and vendors which will perform adequately the duties imposed by the general design will be considered equally acceptable provided the material, article, or equipment so proposed, is, in the opinion of the Engineer, of equal substance and function. It shall not be purchased or installed by the Contractor without the Engineer's written approval.

**Section 7 Surveys, Permits, and Regulations:**

The Contractor shall employ as a subcontractor, a licensed land surveyor or civil engineer experienced in construction staking as required to perform the construction staking function for this project. The cost of construction staking shall be borne solely by the Contractor. The cost of construction staking shall be considered as included in the cost of the various items of work requiring construction staking and no additional compensation will be allowed.

The Contractor shall procure and pay all permits, licenses and approvals necessary for the execution of his contract.

The Contractor shall comply with all laws, ordinances, rules, orders and regulations relating to performance of the work, the protection of adjacent property, and the maintenance of passageways, guard fences or other protective facilities.

**Section 8 Contractor's Obligations:**

The Contractor shall and will, in good workmanlike manner, do and perform all work and furnish all supplies and materials, machinery, equipment, facilities and means, except as herein otherwise expressly specified, necessary or proper to perform and complete all work required by this contract and said specifications and in accordance with the plans and drawings covered by this contract any and all supplemental plans and drawings, and in accordance with the directions of the Engineer as given from time to time during the progress of work. He shall furnish, erect, maintain and remove such construction plant and such temporary works as may be required.

The Contractor shall observe, comply with, and be subject to all terms, conditions, requirements and limitations of the contract and specifications, and shall do, carry on, and complete the entire work to the satisfaction of the Engineer and the Owner.

**Section 9 Weather Conditions:**

In the event of temporary suspensions of work, or during inclement weather, or whenever the Engineer shall direct, the Contractor shall, and will cause his Subcontractors to protect carefully his and their work and materials against damage or injury from the weather. If, in the opinion of the Engineer, any work or materials shall have been damaged or injured by reason of failure on the part of the Contractor or any of his Subcontractors so to protect his work, such materials shall be removed and replaced at the expense of the Contractor.

**Section 10 Protection of Work and Property - Emergency:**

The Contractor shall at all times safely guard the Owner's property from injury or loss in connection with this contract. He shall at all times safely guard and protect his own work, and that of adjacent property from damage. The Contractor shall replace or make good any such damage, loss or injury unless such is caused directly by errors contained in the contract or by the Owner, or his duly authorized representatives.

In case of an emergency that threatens loss or injury of property, and/or safety of life, the Contractor will be allowed to act, with previous instructions from the Engineer, in a diligent manner. He shall notify the engineer immediately thereafter.

Where the contractor has not taken action but has notified the Engineer of an emergency threatening injury to persons or damage to the work or any adjoining property, he shall act as instructed or authorized by the Engineer.

**Section 11 Reports, Records, and Data:**

The Contractor shall submit to the Owner such schedule of quantities and costs, progress schedules, payrolls, reports, estimates, records and other data as the Owner may request concerning work performed or to be performed under this contract. The Contractor shall maintain and furnish payroll records in accordance with Labor Code Section 1776.

**Section 12 Superintendence by Contractor:**

The Contractor shall maintain on the Project during at least 95% of the time work is being performed by the prime Contractor and/or its subcontractors, a superintendent with the authority to make all decisions relating to the Project. The contractor shall provide the name and telephone number of the Acting Superintendent at the preconstruction conference. The Superintendent shall be accessible by telephone or pager on a 24-hour basis. It is understood that such representative shall be acceptable to the Engineer and shall be the one who will continue in that capacity for the particular job involved unless he ceases to be on the Contractor's payroll.

**Section 13 Changes in Work:**

No changes in the work covered by the approved Contract Documents shall be made without having prior written approval of the Owner. All requests for contract change orders shall be in writing. Charges or credits for the work covered by the approved change shall be determined by one or more, or a combination of the following methods:

- (a) Unit bid prices previously approved.
- (b) An agreed lump sum.
- (c) The actual cost of:

1. Labor, including foreman;
2. Materials entering permanently into the work;
3. The ownership or rental cost of construction plant and equipment during the time of use on the extra work;
4. Power and consumable supplies for the operation of power equipment;
5. Insurance;
6. Social Security and old age and unemployment contributions.

To the cost under (c) there shall be added a fixed fee to be agreed upon but not to exceed fifteen percent (15 %) of the actual cost of the work. The fee shall be compensation to cover the cost of supervision, overhead, bond, profit and any other general expenses.

**Section 14 Extras:**

Without invalidating the contract, the Owner may order extra work or make changes by altering, adding to or deducting from the work, the contract sum being adjusted accordingly, and the consent of the Surety being first obtained where necessary or desirable. All the work of the kind bid upon shall be paid for at the price stipulated in the proposal, and no claims for any extra work or materials shall be allowed unless the work is ordered in writing by the Owner or its Engineer acting officially for the Owner, and the price is stated in such order.

**Section 15 Time for Completion and Liquidated Damages:**

It is hereby understood and mutually agreed, by and between the Contractor and the Owner, that the date of beginning and the time for completion as specified in the contract of the work to be done hereunder are **ESSENTIAL CONDITIONS** of this contract; and it is further mutually understood and agreed that the work embraced in this contract shall be commenced on a date to be specified in the "Notice to Proceed."

The Contractor agrees that said work shall be prosecuted regularly, diligently and uninterruptedly at such rate of progress as will insure full completion thereof within the time specified. It is expressly understood and agreed, by and between the Contractor and the Owner, that the time for the completion of the same, taking into consideration the average climatic range and usual industrial conditions prevailing in this locality.

If the said Contractor shall neglect, fail or refuse to complete the work within the time herein specified, or any proper extension thereof granted by the Owner, then the contractor does hereby agree, as a part consideration for the awarding of this contract, to pay the Owner the amount specified in the contract, not as a penalty but as liquidated damages for such breach of contract as hereinafter set forth, for each and every calendar day that the Contractor shall be in default after the time stipulated in the contract for completing the work.

The said amount is fixed and agreed upon by and between the Contractor and the Owner because of the impracticality and extreme difficulty of fixing and ascertaining the actual damages the Owner would in such event sustain, and said amount shall be retained from time to time by the Owner from current periodical estimates.

It is further agreed that time is of the essence of each and every portion of this contract and of the specifications wherein a definite and certain length of time is fixed for the performance of any act whatsoever; and where under the contract an additional time is allowed for the completion of any work, the new time limit fixed by such extension shall be of the essence of this contract. Provided, that the Contractor shall not be charged with liquidated damages or any excess cost when the Owner determines that the Contractor is without fault and the Contractor's reasons for the time extension are acceptable to the Owner;

provided, further, that the Contractor shall not be charged with liquidated damages or any excess cost when the delay in completion of the work is due:

- (a) To any preference, priority or allocation order duly issued by the Government;
- (b) To unforeseeable cause beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of God, or of the public enemy, acts of the Owner, acts of another Contractor in the performance of a contract with the Owner, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and severe weather; and
- (c) To any delays of Subcontractors or suppliers occasioned by any of the causes specified in subsections (a) and (b) of this article;

Provided, further, that the Contractor shall, within ten (10) days from the beginning of such delay, unless the Owner shall grant a further period of time prior to the date of final settlement of the contract, notify the Owner, in writing, of the causes of the delay, who shall ascertain the facts and extent of the delay and notify the Contractor within a reasonable time of his decision in the matter.

#### **Section 16 Correction of Work:**

All work, all materials, whether incorporated in the work or not, all processes of manufacture, and all methods of construction shall be at all times and places subject to the inspection of the Engineer who shall be the final judge of the quality and suitability of the work, materials, processes of manufacture and methods of construction for the purposes for which they are used. Should they fail to meet the Engineer's approval, they shall be forthwith reconstructed, made good, replaced, and/or corrected, as the case may be, by the Contractor at his own expense. Rejected material shall immediately be removed from the site. If, in the opinion of the Engineer, it is undesirable to replace any defective or damaged materials or to reconstruct to correct any portion of the work injured or not performed in accordance with the Contract Documents, the compensation to be paid to the Contractor shall be reduced by such amount in the judgment of the Engineer.

#### **Section 17 Claims for Extra Cost:**

No claim for extra work or cost shall be allowed unless the same was done in pursuance of a written order of the Engineer approved by the Owner, as aforesaid, and the claim presented with the first estimate after the changed or extra work is done. When work is performed under the terms of subparagraph 13(c) of the General Conditions, the Contractor shall furnish satisfactory bills, payrolls and vouchers covering all items of cost and when requested by the Owner, give the Owner access to accounts relating thereto.

#### **Section 18 Right of the Owner to Terminate Contract:**

In the event that any of the provisions of this contract are violated by the Contractor, or by any of his Subcontractors, the Owner may serve written notice upon the Contractor and the Surety of its intention to terminate the contract, such notices to contain the reasons for such intention to terminate the contract, and unless within ten (10) days after the serving of such notice upon the Contractor, such violation or delay shall cease and satisfactory arrangement of correction be made, the contract shall, upon the expiration of said ten (10) days, cease and terminate. In the event of any such termination, the Owner shall immediately serve notice thereof upon the Surety and the Contractor and the Surety shall have the right to take over and perform the contract; provided however, that if the Surety does not commence performance thereof within ten (10) days from the date of the mailing to such Surety of notice of termination, the Owner may take over the work and prosecute the same to completion by contract or by force account for the account and at the expense of the Contractor and the Contractor and his Surety shall be liable to the Owner for any excess cost

occasioned the Owner thereby, and in such event the Owner may take possession of and utilize in completing the work, such materials, appliances, and plant as may be on the site of the work and necessary therefore.

**Section 19 Construction Schedule and Periodic Estimates:**

Immediately after execution and delivery of the contract, and before the first partial payment is made, the Contractor shall deliver to the Owner an estimated construction progress schedule in form satisfactory to the Owner, showing the proposed dates of commencement and completion of each of the various subdivisions of work required under the Contract Documents and the anticipated amount of each monthly payment that will become due the Contractor in accordance with the progress schedule. The Contractor shall also furnish a detailed estimate giving a complete breakdown of the contract price and periodic itemized estimates of work done for the purpose of making partial payments thereon. The costs employed in making up any of these schedules will be used only for determining the basis of partial payments and will not be considered as fixing a basis for additions to or deductions from the contract price.

**Section 20 Payments to Contractor:**

Not later than the 15th day of each calendar month the Owner shall make a progress payment to the Contractor on the basis of a duly certified and approved estimate of the work performed during the preceding calendar month under this contract, but to insure the proper performance of this such estimate, except that at any time after fifty percent (50%) of the work has been completed, if the Engineer finds that satisfactory progress is being made, the Owner may reduce the total amount being retained from payment to five percent (5%) of the total estimated value of said work. Such reduction will only be made upon the written request of the Contractor and shall be approved in writing by the Surety of the Performance and Payment Bond. The Engineer may at anytime during the contract, recommend returning to ten percent (10%) retained if satisfactory progress is not being made by the Contractor.

The Contractor shall submit his monthly estimate of work (in triplicate) no later than the first day of the month.

All work covered by partial payments made shall thereupon become the sole property of the Owner, but this provision shall not be construed as relieving the Contractor from the sole responsibility for the care and protection of work upon which payments have been made or the restoration of any damaged work, or as a waiver of the right of the Owner to require the fulfillment of all of the terms of the contract.

Owner's Right to Withhold Certain Amounts and Make Application Thereof: The Contractor agrees that he will indemnify and save the Owner harmless from all claims growing out of the lawful demands of Subcontractors, laborers, workmen, mechanics, material men, and furnishers of machinery and parts thereof, equipment, power tools, and all supplies, including commissary, incurred in the furtherance of the performance of this contract. The Contractor shall, at the Owner's request, furnish satisfactory evidence that all obligations of the nature herein above designated have been paid, discharged or waived. If the Contractor fails so to do, then the Owner may, after having served written notice on the said Contractor, either pay unpaid bills, of which the Owner has written notice, direct, or withhold from the Contractor's unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such lawful claims until satisfactory evidence is furnished that all liabilities have been fully discharged whereupon payment to the Contractor shall be resumed, in accordance with the terms of this contract, but in no event shall the provisions of this sentence be construed to impose any obligations upon the Owner to either the Contractor or his Surety. In paying any unpaid bills of the Contractor, the Owner shall be deemed the agent of the contractor, and any payment so made by the Owner shall be considered as a payment made under the contract by the Owner to the Contractor and the Owner shall not be liable to the Contractor for any such payments made in good faith.

**Section 21 Acceptance of Final Payment Constitutes Release:**

The acceptance by the Contractor of final payment shall be and shall operate as a release of the Owner of all claims and all liability to the Contractor for all things done or furnished in connection with this work and for every act and neglect of the Owner and others relating to or arising out of this work. No payment, however, final or otherwise, shall operate to release the Contractor or his Sureties from any obligations under this contract or the Performance and Payment Bond. Final payment shall be made 35 days after recording of Notice of Completion.

**Section 22 Contract Security:**

The Contractor shall furnish a performance bond in an amount at least equal to one hundred percent (100%) of the contract prices as security for the faithful performances of this contract and also a payment bond in an amount not less than fifty percent (50%) of the contract price, as security for the payment of all persons performing labor on the project under this contract and furnishing materials in connection with this contract. Attorneys-in-fact who sign contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.

**Section 23 Mutual Responsibility of Contractors:**

If, through acts of neglect on the part of the Contractor, any other Contractor or any other Subcontractor shall suffer loss or damage on the work, the Contractor agrees to settle with such other Contractor or Subcontractor by agreement or arbitration if such other Contractor or Subcontractor will so settle. If such other Contractor or Subcontractor shall assert any claim against the Owner on account of any damage alleged to have been sustained, the Owner shall notify the Contractor, who shall indemnify and save harmless the Owner against any such claim.

**Section 24 Separate Contract:**

The Contractor shall coordinate his operations with those of other Contractors. Cooperation will be required in the arrangement for the storage of materials and in the detailed execution of work. The Contractor, including his Subcontractors, shall keep informed of the progress and the detail work of other Contractors and shall notify the Engineer immediately of lack of progress or defective workmanship on the part of other Contractors. Failure of a Contractor to keep informed of the work progressing on the site and failure to give notice of lack of progress or defective workmanship by others shall be construed as acceptance by him of the status of the work as being satisfactory for proper coordination with his own work.

**Section 25 Subcontracting:**

The Contractor may utilize the services of specialty Subcontractors on those parts of the work that, under normal contracting practices, are performed by specialty Subcontractors.

The Contractor shall not award any work to any Subcontractor without prior written approval of the Owner, which approval will not be given until the Contractor submits to the Owner a written statement concerning the proposed award to the Subcontractor, which statement shall contain such information as the Owner may require.

The Contractor shall be as fully responsible to the Owner for the acts and omissions of his Subcontractors, and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.

The Contractor shall cause appropriate provisions to be inserted in all Subcontractors relative to the work to bind Subcontractors to the Contractor by the terms of the General Conditions and other Contract documents insofar as applicable to the work of Subcontractors and to give the Contractor the same power as regards terminating any subcontract that the Owner may exercise over the Contractor under any provisions of the Contract Documents.

Nothing contained in this contract shall create any contractual relation between any Subcontractor and the Owner.

**Section 26 Engineer's Authority:**

The Engineer shall give all orders and directions contemplated under this contract and specifications, relative to the execution of the work. The Engineer shall determine the amount, quality, acceptability, and fitness of the several kinds of work and materials which are to be paid for under this contract and shall decide all questions which may arise in relation to said work and the construction thereof. The Engineer's estimates and decisions shall be final and conclusive, except as herein otherwise expressly provided. In case any question shall arise between the parties hereto relative to said contract or specifications, the determination or decision of the Engineer shall be a condition precedent to the right of the Contractor to receive any money or payment for work under this contract affected in any manner or to any extent by such question.

**Section 27 Use of Premises and Removal of Debris:**

The Contractor expressly undertakes at his own expense:

- (a) to take every precaution against injuries to persons or damage to property;
- (b) to store his apparatus, materials, supplies and equipment in such orderly fashion at the site of the work as will not unduly interfere with the progress of his work;
- (c) to place upon the work or any part thereof only such loads as are consistent with the safety of that portion of the work.
- (d) to clean up frequently all refuse, rubbish, scrap materials, and debris caused by his operations, to the end that at all times the site of the work shall present a neat, orderly and workmanlike appearance;
- (e) before final payment to remove all surplus materials, false-work, temporary structures, including foundations thereof, plant of any description and debris of every nature resulting from his operations, and to put the site in a neat, orderly condition;
- (f) to effect all cutting, fitting or patching of his work required to make the same to conform to the plans and specifications and, except with the consent of the Engineer, not to cut or otherwise alter the work of any other Contractor.

**Section 28 Quantities of Estimate:**

Wherever the estimated quantities of work to be done and materials to be furnished under this contract are shown in any of the documents including the proposal, they are given for use in comparing bids and the right is especially reserved except as herein otherwise specifically limited, to increase or diminish them as may be deemed reasonably necessary or desirable by the Owner to complete the work contemplated by this contract, and such increase or diminution shall in no way vitiate this contract, nor shall any such increase or diminution give cause for claims or liability for damages.

**Section 29      Lands and Rights-of-Way:**

Prior to the start of construction, the Owner shall obtain all lands and rights-of-way necessary for the carrying out and completion of work to be performed under this contract.

**Section 30      General Guaranty:**

Neither the final certificate of payment nor any provision in the Contract Documents, nor partial or entire occupancy of the premises by the Owner, shall constitute an acceptance of work not done in accordance with the Contract Documents or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. The Contractor shall remedy any defects in the work and pay for any damage to other work resulting therefrom, which shall appear within a period of one year from the date of final acceptance of the work unless a longer period is specified. The Owner will give notice of observed defects with reasonable promptness.

**Section 31      Insurance Requirements for Contractors:**

Refer to Part I, Information for Bidders for Insurance Requirements.

**Section 32      Workmen's Compensation Insurance:**

Workmen's Compensation Insurance: The Contractor shall maintain adequate workmen's compensation insurance under the laws of the State of California for all labor employed by him or by any Subcontractor under him who may come within the protection of such workmen's compensation laws of the State of California, and shall provide, where practicable, employers' general liability insurance for the benefit of his employees and the employees of any Subcontractor under him not protected by such compensation laws; and proof of such insurance satisfactory to the Governing Body shall be given by filing certificates of such insurance with the Engineer of work in form satisfactory to the Governing Body. If such insurance is underwritten by any agency other than the State Compensation Fund, such agency shall be a company authorized to do business in the State of California. See Insurance Requirements for Contractors, in Part I, Information for Bidders.

**Section 33      Claims and Arbitration:**

Public Contract Code Sections 20104 to 20104.6 and Section 9-1.10, "Arbitration," of the Standard Specifications are hereby incorporated into this contract. In the event of a discrepancy, the Public Contracts Code shall take precedence.

Sections 20104 to 20104.6 of the Public Contracts Code state the following:

§20104. Application of article; "Public work"; "Claim"

(a)(1) This article applies to all public works claims of three hundred seventy-five thousand dollars (\$375,000) or less which arise between a contractor and a local agency.

(2) This article shall not apply to any claims resulting from a contract between a contractor and a public agency when the public agency has elected to resolve any disputes pursuant to Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2.

(b)(1) "Public work" has the same meaning as in Sections 3100 and 3106 of the Civil Code, except that "public work" does not include any work or improvement contracted for by the state or Regents of the University of California.

(2) "Claim" means a separate demand by the contractor for (A) a time extension, (B) payment of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public work and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled to, (C) an amount the payment of which is disputed by the local agency.

(c) The provisions of this article or summary thereof shall be set forth in the plans or specifications for any work which may give rise to a claim under this article.

§20104.2. Requirements to submit claim; Agency's response; Dispute by claimant over response; Failure of agency to respond; Inapplicability of article to tort claims

For any claim subject to this article, the following requirements apply:

(a) The claim shall be in writing and include the documents necessary to substantiate the claim. Claims must be filed on or before the date of final payment. Nothing in this subdivision is intended to extend the time limit or supersede notice requirements otherwise provided by contract for the filing of claims.

(b)(1) For claims of less than fifty thousand dollars (\$50,000), the local agency shall respond in writing to any written claim within 45 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 15 days after receipt of the further documentation or within a period of time no greater than that taken by the claimant in producing the additional information, whichever is greater.

(c)(1) For claims of over fifty thousand dollars (\$50,000) and less than or equal to three hundred seventy-five thousand dollars (\$375,000), the local agency shall respond in writing to all written claims within 60 days of receipt of the claim, or may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses to the claim the local agency may have against the claimant.

(2) If additional information is thereafter required, it shall be requested and provided pursuant to this subdivision, upon mutual agreement of the local agency and the claimant.

(3) The local agency's written response to the claim, as further documented, shall be submitted to the claimant within 30 days after receipt of the further documentation, or within a period of time no greater than that taken by the claimant in producing the additional information or requested documentation, whichever is greater.

(d) If the claimant disputes the local agency's written response, or the local agency fails to respond within the time prescribed, the claimant may so notify the local agency, in writing, either within 15 days of receipt of the local agency's response or within 15 days of the local agency's failure to respond within the time prescribed, respectively, and demand an informal conference to meet and confer for settlement of the issues in dispute. Upon a demand, the local agency shall schedule a meet and conference within 30 days for settlement of the dispute.

(e) Following the meet and confer conference, if the claim or any portion remains in dispute, the claimant may file a claim as provided in Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code. For purposes of those provisions, the running of the period of time within which a claim must be filed shall be tolled from the time the claimant submits his or her written claim pursuant to subdivision (a) until the time that claim is denied as a result of the meet and confer process, including any period of time utilized by the meet and confer process.

(f) This article does not apply to tort claims and nothing in this article is intended nor shall be construed to change the time periods for filing tort claims or actions specified by Chapter 1 (commencing with Section 900) and Chapter 2 (commencing with Section 910) of Part 3 of Division 3.6 of Title 1 of the Government Code.

§20104.4. Procedures to resolve claims

The following procedures are established for all civil actions filed to resolve claims subject to this article:

(a) Within 60 days, but no earlier than 30 days, following the filing or responsive pleadings, the court shall submit the matter to nonbinding mediation unless waived by mutual stipulation of both parties. The mediation process shall provide for the selection within 15 days by both parties of a disinterested third

person as mediator, shall be commenced within 30 days of the submittal, and shall be concluded within 15 days from the commencement of the mediation unless a time requirement is extended upon a good cause showing to the court or by stipulation of both parties. If the parties fail to select a mediator within the 15-day period, any party may petition the court to appoint the mediator.

(b)(1) If the matter remains in dispute, the case shall be submitted to judicial arbitration pursuant to Chapter 2.5 (commencing with Section 1141.10) of Title 3 of Part 3 of the Code of Civil Procedure, notwithstanding Section 1141.11 of that code. The Civil Discovery Act of 1986 (Article 3 (commencing with Section 2016) of Chapter 3 of Title 3 of Part 4 of the Code of Civil Procedure) shall apply to any proceeding brought under this subdivision consistent with the rules pertaining to judicial arbitration.

(2) Notwithstanding any other provision of law, upon stipulation of the parties, arbitrators appointed for the purposes of this article shall be experienced in construction law, and, upon stipulation of the parties, mediators and arbitrators, shall be paid necessary and reasonable hourly rates of pay not to exceed their customary rate, and such fees and expenses shall be paid equally by the parties except in the case of arbitration where the arbitrator, for good cause, determines a different division. In no event shall these fees or expenses be paid by state or county funds.

(3) In addition to Chapter 2.5 (commencing with Section 1141.10) of Title 3, of Part 3 of the Code of Civil Procedure, any party who after receiving an arbitration award requests a trial de novo but does not obtain a more favorable judgment shall, in addition to payment of costs and fees under this chapter, pay the attorney's fees of the other party arising out of the trial de novo.

(c) The court may, upon request by any party, order any witness to participate in the mediation or arbitration process.

§20104.6. Payment of portion of claim which is undisputed; Payment of interest on arbitration award or judgment

(a) No local agency shall fail to pay money as to any portion of a claim which is undisputed except as otherwise provided in the contract.

(b) In any suit filed under Section 20104.4, the local agency shall pay interest at the legal rate on any arbitration award or judgment. The interest shall begin to accrue on the date the suit is filed in a court of law.

#### **Section 34      Damage by Storm, Flood, Tidal Wave or Earthquake:**

If the project is damaged by storm, flood, tidal wave or earthquake, then payment shall be made to the Contractor for repair in accord with Section 7-1.165 of the State of California Department of Transportation Standard Specifications except that payment or participation in payment shall only be made when such damage exceeds 5 percent (5%) of the amount of the Contractor's bid.

#### **Section 35      Checking of Drawings:**

The Contractor shall check all drawings furnished him immediately upon their receipt and shall promptly notify the Engineer of any discrepancies. Figures shown on drawings shall in general be followed in preference to scale measurements. Large scale drawings shall in general govern over small scale drawings. The Contractor shall compare all drawings and verify the figures before layout of the work, and shall be responsible for any errors which might have been avoided by such comparison.

#### **Section 36      As-built Drawings:**

The Contractor shall deliver to the Engineer, one set of marked prints showing any deviation from the contract drawings or any underground facilities discovered during construction. The Contractor shall show all information necessary for the preparation of an accurate record of the installation. This copy shall be neatly prepared and shall be submitted from time to time so that it may be checked by the Engineer before

the work is covered up. As-Built Drawings shall be complete and approved before final payment being issued.

**Section 37 Substitute Materials and Equipment:**

The Contractor may, at his option, suggest substitute makes and kinds of materials and equipment (other than those specified), indicating the amount of credit or extra cost in each instance. Acceptance of substitute items shall be only by written approval of the City. In the event the Engineer's evaluation of the suggested substitute item is required to obtain City's approval, the Contractor shall pay the Engineer's fee for investigating and evaluating the substitution. In all instances of substitutions, the Contractor shall assume full responsibility for having all substitute items comply in all respects with the applicable portions of the contract specifications, except where such requirement is specifically waived by the City.

**Section 38 Defective Material or Work:**

Materials not conforming to the requirements of these specifications shall be considered as defective, and all such materials, whether in place or not, shall be rejected and shall be removed immediately from the site of the work, unless otherwise permitted by the Engineer. No rejected material, the defects of which have been subsequently corrected, shall be used until approved in writing by the Engineer.

Work which does not conform to the requirements of these specifications or is deficient in construction, shall be rejected by the Engineer and be replaced by the Contractor at his own proper cost, charge and expense, and without allowance for additional cost of such replacement to the Contractor.

Upon failure on the part of the Contractor to comply with any order of the Engineer made under the provisions of these Articles or Sections, the Engineer shall have authority to remove and replace defective material or work at the expense of the Contractor, and the Contractor and his Sureties shall be liable therefor.

**Section 39 Right to Retain Imperfect Work:**

If any portion of the work done or material furnished under this contract shall prove defective and not in conformance with the drawings and specifications, and if the imperfection in the same shall not be of sufficient magnitude or importance to make the work dangerous or undesirable, the Engineer shall have the right and authority to retain such work instead of requiring the imperfect work to be removed and reconstructed, but he shall make deductions therefor in the payments due or to become due for the applicable contract item(s) of work as may be just and reasonable.

**Section 40 Existing Utilities:**

The Contractor is responsible for protection of all utility services and facilities within the limits of this work. The Contractor is responsible for checking in the field the locations as shown, and is further responsible for any and all utility laterals or services where presence or location is unknown.

The Contractor is responsible for not interrupting any of the utility services while work is in progress and he shall take proper precautions to safeguard such utilities while working near them. Should any utility be damaged during construction, all cost of replacing or repairing shall be borne by the Contractor.

The Pacific Gas and Electric Company and Pacific Telephone shall be notified 48 hours prior to any construction near its underground facilities, and shall be notified by the Contractor well in advance of construction to make utility lines.

The Contractor shall take precaution against damage of private water and gas service lines when crossing private property.

The Owner shall be notified and a request made that all sewer and water lines be marked before start of construction.

Prior to starting work, the contractor shall (a minimum of 2 working days in advance) call Underground Service Alert (USA), toll free, at (800) 642-2444 and provide USA with all necessary data relative to the proposed work. USA will accept calls and process information to participating agencies who have underground facilities in the area between the hours of 7:30 a.m. and 5:00 p.m. daily, except Saturdays, Sundays, and holidays. Between the hours of 5:00 p.m. and 7:30 a.m. calls will be recorded and then processed after 7:30 a.m. For emergency situations, after hours and on Saturdays, Sundays and holidays, the Contractor shall contact the organization owning the affected facility. Upon notification, agencies having facilities in the area of the proposed excavation, will mark their locations in the field using USA standard colors and codes to identify the facility.

#### **Section 41 Differing Site Conditions:**

During the progress of the work, if subsurface or latent physical conditions are encountered at the site differing materially from those indicated in the contract or if unknown physical conditions of any unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the contract, are encountered at the site, the party discovering such conditions shall promptly notify the other party in writing of the specific differing conditions before they are disturbed and before the affected work is performed.

Upon written notification, the Engineer will investigate the conditions, and if the Engineer determines that the conditions materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the contract, an adjustment excluding loss of anticipated profits will be made and the contract modified in writing accordingly. The Engineer will notify the Contractor of the determination as to whether or not an adjustment of the contract is warranted.

No contract adjustment which results in a benefit to the Contractor will be allowed unless the Contractor has provided the required written notice.

No contract adjustment will be allowed under the provisions specified in this section for any effects caused on unchanged work.

Any contract adjustment warranted due to differing site conditions will be made in accordance with the provisions in Section 4-1.03, "Changes," of the Standard Specifications.

#### **Section 42 Project Appearance:**

The Contractor shall maintain a neat appearance to the work.

In any area visible to the public, the following shall apply:

When practicable, broken concrete and debris developed during clearing and grubbing shall be disposed of concurrently with its removal. If stockpiling is necessary, the material shall be removed or disposed of weekly.

The Contractor shall furnish trash bins for all debris from structure construction. All debris shall be placed in trash bins daily. Forms or falsework that are to be reused shall be stacked neatly concurrently with their removal. Forms and falsework that are not to be reused shall be disposed of concurrently with their removal.

Full compensation for conforming to the provisions in this section, not otherwise provided for, shall be considered as included in prices paid for the various contract items of work involved, and no additional compensation will be allowed therefor.

#### **Section 43 Hazardous Waste in Excavation:**

If the Contractor encounters material in excavation which he/she has reason to believe may be hazardous waste, as defined by Section 25117 of the Health and Safety Code, he/she shall immediately so notify the Engineer in writing. Excavation in the immediate area of the suspected hazardous material shall be suspended until the Engineer authorizes it to be resumed. If such suspension delays the current controlling operation, the Contractor will be granted an extension of time as provided in Section 8-1.07, "Liquidated Damages," of the Standard Specifications.

If such suspension delays the current controlling operation more than two working days, the delay will be considered a right-of-way delay and the Contractor will be compensated for such delay as provided in Section 8-1.09, "Right-of-Way Delays," of the Standard Specifications.

The department reserves the right to use other forces for exploratory work to identify and determine the extent of such material and for removing hazardous material from such area.

#### **Section 44 Removal of Asbestos and Hazardous Substances:**

When the presence of asbestos or hazardous substances is not shown on the plans or indicated in the Specifications and the Contractor encounters materials which the Contractor reasonably believes to be asbestos or a hazardous substance as defined in Section 25914.1 of the Health and Safety Code, and the asbestos or hazardous substance has not been rendered harmless, the Contractor may continue work in unaffected areas reasonably believed to be safe, and shall immediately cease work in the affected area and report the condition to the Engineer in writing.

In accordance with Section 25914.1 of the Health and Safety Code, all such removal of asbestos or hazardous substances including any exploratory work to identify and determine the extent of such asbestos or hazardous substance will be performed by separate contract.

If delay of work in the area delays the current controlling operation, the delay will be considered a right-of-way delay and the Contractor will be compensated for such delay as provided in Section 8-1.09, "Right-of-Way Delays," of the Standard Specifications.

#### **Section 45 Substitution of Securities for Withheld Funds:**

Upon the Contractor's request, pursuant to Public Contract Code 22300, the Owner will pay to the Contractor the funds withheld from progress payments to ensure performance of the contract, if the Contractor substitutes satisfactory securities as follows.

- (a) At the request and expense of the Contractor, securities equivalent to the amount withheld shall be deposited with the Owner, or with a state or federally chartered bank in this state as the escrow agent, who shall then pay those moneys to the Contractor. Upon satisfactory completion of the contract, the securities shall be returned to the Contractor.

- (b) Alternatively, the Contractor may request and the Owner shall make payment of retentions earned directly to the escrow agent at the expense of the Contractor. At the expense of the Contractor, the Contractor may direct the investment of the payments into securities and the Contractor shall receive the interest earned on the investments upon the same terms provided for in this section for securities deposited by the Contractor. Upon satisfactory completion of the contract, the Contractor shall receive from the escrow agent all securities, interest, and payments received by the escrow agent from the owner, pursuant to the terms of this section.
- (c) Securities eligible for investment under this section shall include those listed in Section 16430 of the Government Code, bank or savings and loan certificates of deposit, interest-bearing demand deposit accounts, standby letters of credit, or any other security mutually agreed to by the Contractor and the Owner.

The Contractor shall be the beneficial owner of any securities substituted for moneys withheld and shall receive any interest thereon.

- (d)(1) If the Contractor elects to receive interest on moneys withheld in retention by the Owner, the Contractor shall, at the request of any subcontractor, make that option available to the subcontractor regarding any moneys withheld in retention by the Contractor from the subcontractor. If the Contractor elects to receive interest on any moneys withheld in retention by the Owner, then the subcontractor shall receive the identical rate of interest received by the Contractor on any retention moneys withheld from the subcontractor by the Contractor, less any actual pro rata costs associated with administering and calculating that interest. In the event that the interest rate is a fluctuating rate, the rate for the subcontractor shall be determined by calculating the interest rate paid during the time that retentions were withheld from the subcontractor. If the Contractor elects to substitute securities in lieu of retention, then, by mutual consent of the Contractor and subcontractor, the subcontractor may substitute securities in exchange for the release of moneys held in retention by the Contractor.
- (2) This subdivision shall apply only to those subcontractors performing more than five percent of the Contractor's total bid.
- (3) No contractor shall require any subcontractor to waive any provision of this section.
- (e) The escrow agreement used hereunder shall be substantially similar to the following form:

**ESCROW AGREEMENT FOR  
SECURITY DEPOSITS IN LIEU OF RETENTION**

This Escrow Agreement is made and entered into by and between \_\_\_\_\_  
 \_\_\_\_\_ whose address is \_\_\_\_\_  
 \_\_\_\_\_ hereinafter called "Owner,"  
 \_\_\_\_\_ whose address is \_\_\_\_\_  
 \_\_\_\_\_ hereinafter called "Contractor" and  
 \_\_\_\_\_ whose address is \_\_\_\_\_  
 \_\_\_\_\_ hereinafter called "Escrow Agent."

For the consideration hereinafter set forth, the Owner, Contractor and Escrow Agent agree as follows:

- (1) Pursuant to Section 22300 of the Public Contract Code of the State of California, Contractor has the option to deposit securities with Escrow Agent as a substitute for retention earnings required to be withheld by Owner pursuant to the Construction Contract entered into between the Owner and Contractor for \_\_\_\_\_ in the amount of \_\_\_\_\_ dated \_\_\_\_\_ (hereinafter referred to as the

“Contract”). Alternatively, on written request of the Contractor, the Owner shall make payments of the retention earnings directly to the Escrow Agent. When the Contractor deposits the securities as a substitute for Contract earnings, the Escrow Agent shall notify the Owner within 10 days of the deposit. The market value of the securities at the time of the substitution shall be at least equal to the cash amount then required to be withheld as retention under the terms of the Contract between the Owner and Contractor. Securities shall be held in the name of \_\_\_\_\_, and shall designate the Contractor as the beneficial owner.

(2) The Owner shall make progress payments to the Contractor for those funds which otherwise would be withheld from progress payments pursuant to the Contract provisions, provided that the Escrow Agent hold securities in the form and amount specified above.

(3) When the Owner makes payment of retentions earned directly to the Escrow Agent, the Escrow Agent shall hold them for the benefit of the Contractor until the time that the escrow created under this contract is terminated. The Contractor may direct the investment of the payments into securities. All terms and conditions of this agreement and the rights and responsibilities of the parties shall be equally applicable and binding when the Owner pays the Escrow Agent directly.

(4) Contractor shall be responsible for paying all fees for the expenses incurred by Escrow Agent in administering the Escrow Account and all expenses of the Owner. These expenses and payment terms shall be determined by the Owner, Contractor, and Escrow Agent.

(5) The interest earned on the securities or the money market accounts held in escrow and all interest earned on that interest shall be for the sole account of Contractor and shall be subject to withdrawal by Contractor at any time and from time to time without notice to the Owner.

(6) Contractor shall have the right to withdraw all or any part of the principal in the Escrow Account only by written notice to Escrow Agent accompanied by written authorization from the Owner to the Escrow Agent that Owner consents to the withdrawal of the amount sought to be withdrawn by Contractor.

(7) The Owner shall have a right to draw upon the securities in the event of default by the Contractor. Upon seven days' written notice to the Escrow Agent from the owner of the default, the Escrow Agent shall immediately convert the securities to cash and shall distribute the cash as instructed by the Owner.

(8) Upon receipt of written notification from the Owner certifying that the Contract is final and complete, and that the Contractor has complied with all requirements and procedures applicable to the Contract, Escrow Agent shall release to Contractor all securities and interest on deposit less escrow fees and charges of the Escrow Account. The escrow shall be closed immediately upon disbursement of all moneys and securities on deposit and payment of fees and charges.

(9) Escrow Agent shall rely on the written notifications from the Owner and the Contractor pursuant to Sections (5) to (8), inclusive, of this Agreement and the Owner and Contractor shall hold Escrow Agent harmless from Escrow Agent's release and disbursement of the securities and interest as set forth above.

(10) The names of the persons who are authorized to give written notice or to receive written notice on behalf of the Owner and on behalf of the Contractor in connection with the foregoing, and exemplars of their respective signatures are as follows:

**On behalf of Owner:**

**On behalf of Contractor:**

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

\_\_\_\_\_  
Address

On behalf of Escrow Agent:

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

At the time the Escrow Account is opened, the Owner and Contractor shall deliver to the Escrow Agent a fully executed counterpart of this Agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement by their proper officers on the date first set forth above.

Owner

Contractor

\_\_\_\_\_  
Title

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

**Section 46 Antitrust Claim Assignment:**

In entering into this public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the Contractor or subcontractor offers and agrees to assign to the awarding body all rights, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time the awarding body tenders final payment to the Contractor, without further acknowledgement by the parties.

**Section 47 Examination and Audit of Contracts:**

This contract shall be subject to the examination and audit of the State Auditor at the request of the Owner or as part of any audit of the Owner, for a period of three years after final payment under the contract.

The examinations and audits under this section shall be confined to those matters connected with the performance of the contract, including, but not limited to, the costs of administering the contract.

**Section 48 Sanitary Sewer Overflow Emergency Response Plan:**

The City has adopted an Overflow Emergency Response Plan (OERP) as required by the SWRCB Statewide General Waste Discharge Requirements, in order to support an orderly and effective response to Sanitary Sewer Overflows (SSOs).

Sanitary Sewer Overflows (SSOs) are defined as follows:

Any overflow, spill, release, discharge or diversion of untreated or partially treated wastewater from a sanitary sewer system including:

- (i) Overflows or releases of untreated or partially treated wastewater that reach waters of the United States;
- (ii) Overflows or releases of untreated or partially treated wastewater that do not reach the waters of the United States; and
- (iii) Wastewater backups into buildings and on private property that are caused by blockages or flow conditions within the publicly owned portion of a sanitary sewer system.

The Contractor shall follow the following procedures in the event that you cause or witness a Sanitary Sewer Overflow.

- **IMMEDIATELY NOTIFY THE CITY**
  - During Business Hours: (707) 823-5331
  - After Hours: (707) 829-4400
- **PROTECT THE STORM DRAINS USING MATS, DYKES, BERMS, ETC.**
- **PROTECT THE PUBLIC** - If the spill is entering an area where public contact may occur, and if it is safe to do so, prevent, to the extent possible, public contact with the sewage until City Maintenance Workers arrive.
- **PROVIDE INFORMATION** - Provide the City Maintenance Workers with information about the overflow such as start time, appearance point, suspected cause, weather conditions, etc.
- **Direct ALL media and public relations requests to:**
  - Engineering Manager: (707) 823-2151
  - City Manager: (707) 823-1153

**PART III**

**SPECIAL PROVISIONS**

| <b>SECTION</b> | <b>TITLE</b>                              | <b>PAGE</b> |
|----------------|---|-------------|
| 1              | Contract                                  | III- 1      |
| 2              | Location of Work                          | III- 1      |
| 3              | Governing Documents                       | III- 1      |
| 4              | Description of Work                       | III- 1      |
| 5              | Permits                                   | III- 1      |
| 6              | Signs and Barricades                      | III- 2      |
| 7              | Dust and Debris Control                   | III- 2      |
| 8              | Watering                                  | III- 2      |
| 9              | Existing Facilities                       | III- 2      |
| 10             | Construction Grades                       | III- 2      |
| 11             | Proposed Schedule of Work                 | III- 3      |
| 12             | Material to be Encountered in Excavations | III- 3      |
| 13             | Copies Furnished                          | III- 3      |
| 14             | Additional Drawings                       | III- 3      |
| 15             | City Furnished Facilities                 | III- 3      |
| 16             | Public Convenience, Safety and Traffic    | III- 3      |
| 17             | Areas for Contractor's Use                | III- 4      |
| 18             | Trees, Shrubs, Grass Areas, Etc.          | III- 4      |
| 19             | Damage to Existing Improvements           | III- 4      |
| 20             | Order of Work                             | III- 5      |
| 21             | Property Owner Notifications              | III- 5      |
| 22             | Temporary Erosion Control                 | III- 5      |
| 23             | Preservation of Property                  | III- 6      |
| 24             | Progress Schedule                         | III- 7      |
| 25             | Cooperation                               | III- 7      |
| 26             | Safety                                    | III- 7      |
| 27             | Obstructions                              | III- 7      |
| 28             | Hours of Work                             | III- 8      |
| 29             | Construction Area Signs                   | III- 8      |
| 30             | Maintaining Traffic                       | III- 8      |
| 31             | Traffic Control                           | III- 10     |
| 32             | Existing Facilities                       | III- 11     |

**PART III**

**SPECIAL PROVISIONS**

**Section 1      Contract:**

All work described in the plans and specifications will be let under one contract in the manner set forth in the Notice to Bidders, and in the Bidder's Proposal.

**Section 2      Location of Work:**

The work is located on State Route 116 (Gravenstein Highway, Healdsburg Avenue, N. Main Street, S. Main Street, Petaluma Avenue within the City of Sebastopol) at the intersection of:

- Hurlbut Avenue
- Ellis Court
- Cleveland Avenue
- North Main Street
- Wallace Street
- Fanner Avenue
- Maple Avenue
- Cooper Road

**Section 3      Governing Documents:**

All work shall be done in accordance with the General Conditions, these Special Provisions, Construction Plans and details and the City of Sebastopol Standard Plans and Details dated July 1998 insofar as they may apply.

The Standard Specifications of the Department of Transportation, State of California, dated July 2010, hereinafter referred to as the Standard Specifications as modified by the Standard Specifications, State of California Department of Transportation dated 2015 and dated 2018.

In the case of conflict between the Standard Specifications, and these Special Provisions, the Special Provisions shall take precedence over and be used in lieu of such conflicting portions.

**Section 4      Description of Work:**

The scope of work includes removing existing curbs, gutters, sidewalks and access ramps at selected intersections and ramp locations within the City of Sebastopol along State Route 116 and replacing the existing facilities with ADA compliant curb, gutters, sidewalks, pavement and access ramp improvements. Included in the scope of work are miscellaneous utility, landscape, signing, striping and painting improvements.

**Section 5      Permits:**

This Contract will constitute the contractor's permit to perform work on Owner's property. The contractor and any subcontractors are also required to obtain City business licenses. The contractor shall be responsible for obtaining these and for paying any associated fees prior to the start of construction and inspection fees as required.

The City has obtained a Caltrans Encroachment Permit for the work, included herein. The Contractor is responsible to obtain a Caltrans Encroachment Permit for his work in the State right of way. All costs and fees for obtaining that permit shall be included in the other items of work, and no additional compensation will be made.

**Section 6 Construction Signs and Barricades:**

The Contractor shall furnish all construction signs and barricades, the cost of which shall be included in the amount paid for Traffic Control. Contractor shall acquaint himself with applicable portions of Section 7 of the Standard Specifications relating to Public Convenience, Public Safety, Portable Delineators, Preservation of Property, and Indemnity and Insurance.

**Section 7 Dust and Debris Control:**

Dust control shall conform to the provisions in Section 10, "Dust Control," of the Standard Specifications and these Special Provisions.

The Contractor shall be responsible for all mud, rocks, dust, dirt and debris producing materials that originate in the project area and are deposited on other public or private property by truck tire, spillage, or by other means. The contractor shall, before the end of each day's work, clean all paved streets leading from the project that have dust producing materials or debris deposited upon them.

The Contractor shall control dust by the application of water.

In lieu of the provisions of the section paragraph in Section 10-1.04, "Payment," no separate payment will be made to the Contractor when the Engineer orders the application of water for the purpose of controlling dust caused by public traffic only. Full compensation for such dust control will be considered as included in the prices paid for the various items of work involved, and no additional compensation will be allowed.

**Section 8 Watering:**

Water for compacting embankment material, and for laying dust shall be applied by means of pressure-type distributors equipped with a spray system of hoses with nozzles that will insure a uniform application of water.

No additional compensation shall be made for watering, but shall be included in the various items of work.

**Section 9 Existing Facilities:**

As part of the work, existing valves, services, manholes, pipes, sprinklers, curbs, gutters, sidewalks, access ramps, street name signs, stop signs, traffic signal standards, retaining walls and hardscape features to be retained and all other fixtures shall be protected from damage. Contractor shall bring any currently damaged facilities to the attention of the Engineer. If none are reported, all damaged facilities within the job site shall be assumed caused by the Contractor.

**Section 10 Construction Grades:**

The Contractor is responsible for laying out any lines and grades. This layout shall be subject to review and approval by the City before the Contractor proceeds.

**Section 11 Proposed Schedule of Work:**

|                                     |  |
|-------------------------------------|--|
| <b>Bid Opening</b>                  | [REDACTED]                                   |
| <b>Award of Contract</b>            | [REDACTED]                                   |
| <b>Deadline to Execute Contract</b> | <b>Ten working days from Notice of Award</b> |
| <b>Notice to Proceed (approx.)</b>  | [REDACTED]                                   |
| <b>Completion Date (approx.)*</b>   | [REDACTED]                                   |
| <b>*Time of Completion,</b>         | <b>One Hundred Eighty (180) working days</b> |

**Section 12 Material to be Encountered in Excavations:**

The Contractor shall visit the sites and satisfy himself regarding the character of the material which may be encountered. No cores or subsurface excavations were taken within the ADA Sidewalk Ramp areas included in this Project.

**Section 13 Copies Furnished:**

The Engineer will furnish to the Contractor, free of charge, five (5) sets of the specifications and full size drawings.

**Section 14 Additional Drawings:**

The Engineer will furnish from time to time such additional drawings and information as he may consider necessary for the Contractor's guidance, and the Contractor shall make his work conform to all such drawings.

**Section 15 City Furnished Facilities:**

Water is available from a filler pipe at the City Corporation Yard, or the Contractor may request a hydrant service from the Sebastopol Public Works Department by paying a security deposit of \$200.00, and an installation and removal fee of \$100 for a backflow preventer device to be installed by City forces and removed on completion of the project. The security deposit is refundable on return of the backflow device in good operating condition. Depending on the availability of space, the Contractor may make arrangements to store materials at the City Corporation Yard.

**Section 16 Public Convenience, Safety and Traffic:**

The Contractor shall so conduct his operations in a manner which causes the least possible obstructions and inconvenience to public traffic on public thoroughfares.

Lights, signs, red lights and watchmen as are necessary to give adequate warning to the public and of any dangerous conditions to be encountered as a result thereof, shall be furnished, erected and maintained by the Contractor.

Safety orders, rules and recommendations of the Division of Industrial Safety of the Department of Industrial Relations of the State of California applicable to the work to be done under the contract shall all be obeyed and enforced by the contractor.

All costs involved in respect to the above requirements will be considered as included in the prices bid for the various contract items of work and no additional compensation will be allowed.

**Section 17 Areas for Contractor's Use:**

The right of way shall be used only for purposes that are necessary to perform the required work. The Contractor shall not occupy the right-of-way or allow others to occupy the right-of-way for purposes which are not necessary to perform the required work.

The Contractor shall remove all equipment, materials, and rubbish from the work areas and other City-owned property which he/she occupies and shall leave the areas in the presentable condition in accordance with the provisions in Section 46, "Final Cleaning Up," of these Special Provisions.

The Contractor shall secure at his/her own expense any area required for plant sites, storage of equipment or materials, or for other purposes if sufficient area is not available to him within the contract limits, or at the sites designated on the Plans outside the contract limits.

**Section 18 Trees, Shrubs, Grass Areas, Etc.:**

Damage to trees and shrubs should be avoided wherever possible. It shall be the Contractor's responsibility to replace, in kind, any trees or shrubs destroyed or damaged during construction.

Before construction, the City and Contractor shall walk the entire project and City shall take pictures of existing improvements as a record of as-is conditions.

Any existing improvements damaged or removed by the Contractor as a result of his operations shall be repaired or replaced. All costs involved in the protection and restoration of existing improvements shall be included in the prices bid for the various items of work.

**Section 19 Damage to Existing Improvements:**

Any existing improvements damaged or removed by the Contractor as a result of his operations shall be repaired or replaced. Any paving damaged or destroyed during the Contractor's operations shall be replaced

in kind to the Engineer's satisfaction. All costs involved in the protection and restoration of existing improvements shall be included in the prices paid for the various items of work.

**Section 20: Order of Work:**

Order of work shall conform to the provisions in Section 5-1.05, "Order of Work," of the Standard Specifications and these Special Provisions.

Before beginning construction, a preconstruction meeting between the Contractor, City Engineer, and City Inspector will be held.

Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various items of work and no additional compensation will be allowed.

**Section 21 Property Owner Notifications:**

The Contractor shall notify all property owners and businesses affected by the project work at least 48 hours before work is to begin. In addition, the Contractor shall notify property owner(s) and the City 72 hours before entering private property or interrupting sewer or water service. The notice shall be in writing, placed in the mailboxes with postage, or on door hangers and shall indicate the Contractor's name and phone number, type of work, day(s) and time when work will occur. Notice shall be reviewed and approved by the Engineer before being sent.

Any required shut down of the water system shall be performed by City Public Works forces. Contact the City Public Works Department at least 48 hours before requiring shut down of water mains.

**Section 22 Temporary Erosion Control:**

Temporary erosion control shall consist of, but not be limited to, constructing such facilities and taking such measures as are necessary to prevent, control and abate water, mud, and erosion damage to public and private property as a result of the construction of this project.

Conformance with the requirements of this section shall in no way relieve the Contractor from his responsibilities, as provided in Section 7-1.01G, "Water Pollution," Section 7-1.11, "Preservation of Property," and Section 7-1.12, "Responsibility for Damage," of the Standard Specifications.

Temporary erosion control features as are necessary to provide sediment control shall be constructed and functioning prior to October 15. The Contractor shall construct such supplementary temporary erosion control facilities as are necessary to protect adjacent private and public property.

Temporary erosion control measures shall conform to the current field manual of erosion and sediment control published by the California Regional Water Quality Control Board, San Francisco Bay Region and includes, but is not limited to the following:

- (a) The Contractor shall conduct his operations in such a manner that storm runoff will be contained within the project or channeled into the storm drain system which serves the runoff area. Storm runoff from one area shall not be allowed to divert to another runoff area.
- (b) Storm drain systems, toe of slope drains, and outlet structures shall be constructed and operating before commencing, or concurrently with placing, an embankment. Temporary down drains, drainage structures and other devices shall be provided to channel storm runoff water into the respective permanent storm drain systems during construction. Mud and silt shall be settled out of the storm runoff before said runoff enters the storm drain system.
- (c) Excavation areas, while being brought to grade, shall be protected from erosion and the resulting siltation of downstream facilities and adjacent areas by the use of various temporary erosion control measures. These measures may include, but shall not be limited to: jute mesh; check dams; confined ponding areas to desilt the runoff; and protection, such as sand bags or straw bales around inlets which have not been brought up to grade.
- (d) Contour graded areas shall be protected against erosion and the resulting siltation of downstream facilities and adjacent areas during grading operations. Various measures may include, but shall not be limited to the use of graded contour berms to control sheet flow; supplemental grading of large areas around temporary or unfinished inlet structures, such as inside ramp loops, to provide desilting basins; and temporary ditch paving.

Culvert pipe used in conjunction with temporary erosion control measures which was new when delivered to the project site and, in the opinion of the Engineer, is not damaged and whose dimensions and other properties conform to the requirements for new material may be used in the new work.

Full compensation for any cost involved in performing planned permanent water pollution control and erosion control to act as temporary water pollution control and temporary erosion control shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed.

**Section 23 Preservation of Property:**

Attention is directed to the provisions in Section 7-1.11, "Preservation of Property," of the Standard Specifications and these Special Provisions.

Existing trees, shrubs, and other plants, that are not to be removed and are injured or damaged by reason of the Contractor's operations, shall be replaced by the Contractor in accordance with the requirements in Section 20-4.07, "Replacement," of the Standard Specifications and the following:

The minimum size of tree replacement shall be 24-inch box and the minimum size of shrub replacement shall be 15-gallon. Replacement ground cover plants shall be from flats and shall be planted 12 inches on center.

Damaged or injured plants shall be removed and disposed of outside the street right of way in accordance with the provisions in Section 7-1.13 of the Standard Specifications. Storm drain easements and temporary

construction easements are shown on the Plans and shall be staked for location by the surveyors. Temporary easements may be used to move equipment and material and store material as required. The Contractor shall not disturb or remove trees, plant material or facilities located within the confines of the temporary easement unless required by his operations. The Contractor's attention is directed to section entitled, "Final Clean-up," of these Special Provisions.

**Section 24 Progress Schedule:**

Progress schedules will be required for this contract and shall conform to the provisions in Section 8-1.04, "Progress Schedule," of the Standard Specifications.

**Section 25 Cooperation:**

Attention is directed to Sections 7-1.14, "Cooperation" and 8-1.10, "Utility and Non-Highway Facilities," of the Standard Specifications and these Special Provisions.

Other forces may be engaged in installing or in making adjustments to or in relocating various utility or other non-highway facilities throughout the project.

**Section 26 Safety:**

The Contractor is hereby specifically informed that under this contract they have the sole responsibility for the safety of their work, including their workers, equipment and that of subcontractors, and of the general public as they may come in contact with the work. The Engineer or Inspector has specifically **not** been hired to review the Contractor's safety or methods of operation.

At the end of each day, excavations shall be backfilled, plated with steel trench plates or barricaded and fenced.

**Section 27 Obstructions:**

Attention is directed to Sections 8-1.10, "Utility and Non-Highway Facilities," and Section 15 "Existing Highway Facilities," of the Standard Specifications and these Special Provisions.

Attention is directed to the existence of power, telephone, and cable television poles, underground gas lines, and underground water and sewer lines within the area in which construction is to be performed. The Contractor will be required to work around these facilities.

Prior to starting work, the Contractor shall (a minimum of 2 working days in advance) call Underground Service Alert (USA), toll free, at (800) 642-2444 and provide USA with all necessary data relative to the proposed work. USA will accept calls and process information to participating agencies that have underground facilities in the area between the hours of 7:30 a.m. and 5:00 p.m. daily, except Saturdays, Sundays, and holidays. Between the hours of 5:00 p.m. and 7:30 a.m. calls will be recorded and then processed after 7:30 a.m. For emergency situations, after hours and on Saturdays, Sundays and holidays, the Contractor shall contact the organization owning the affected facility. Upon notification, agencies

having facilities in the area of the proposed excavation will mark their locations in the field using USA standard colors and codes to identify the facility.

The Contractor will be required to work around public utility facilities and other improvements that are to remain in place within the construction area, and he will be held liable to the owners of such facilities for interference with services resulting from his operations.

**Section 28 Hours of Work:**

Construction work shall be limited to the hours between 7:00 a.m. and 6:00 p.m. Monday through Friday.

**Section 29 Construction Area Signs:**

Construction area signs shall be furnished, installed, maintained and removed when no longer required in accordance with the provisions in Section 12, "Construction Area Traffic Control Devices," of the Standard Specifications and these Special Provisions.

Construction area signs shall not be used until they are needed and when no longer needed they shall be removed from the site of the work.

If speed limit construction signs are shown, they shall be covered when no work is being performed and the existing speed limit signs, if of different speed than speed limit construction signs, shall be covered when work is being performed.

The Contractor shall notify the Underground Service Alert (USA) in accordance with the section on "Obstructions" in these Special Provisions at least two working days, but no more than 14 calendar days, prior to commencing any excavation for construction area signposts.

All excavations required to install construction area signs shall be performed by hand methods without the use of power equipment, except that power equipment may be used if it is determined there are no utility facilities in the area of the proposed post holes.

Stationary mounted signs shall be erected on wood posts in the same manner specified for roadside signs and in accordance with the Caltrans Standard Plans.

Attention is directed to section entitled "Traffic Control System" elsewhere in these Special Provisions regarding compensation for construction area signs shown on the Plans for traffic control system for lane closure.

All costs associated with construction area signs shall be included in the lump sum contract price for this item of work and no additional compensation will be allowed.

**Section 30 Maintaining Traffic:**

Attention is directed to Section 7-1.08, "Public Convenience," Section 7-1.09, "Public Safety," and Section 12 "Construction Area Traffic Control Devices," of the Standard Specification. Nothing in these Special

Provisions shall be constructed as relieving the Contractor from his responsibilities as provided in said Section 7-1.09.

Lane closures shall conform to the provisions in the section of these Special Provisions entitled "Traffic Control System."

The Contractor's equipment and materials may not be stored within City right-of-way. Construction shall be staged from sites procured by the Contractor at no expense to the City.

Personal vehicles of the Contractor's employees shall not be parked on the traveled way, including any section closed to public traffic.

The Contractor shall notify the Engineer of his intent to begin work at least 5 days before work is begun. The Contractor shall cooperate with local authorities relative to handling traffic through the area.

Whenever vehicles or equipment are parked on the shoulder within 6 feet of a traffic lane, the shoulder area shall be closed with fluorescent traffic cones or portable delineators placed on a taper in advance of the parked vehicles or equipment and along the edge of the pavement at 25-foot intervals to a point not less than 25 feet past the last vehicle or piece of equipment. A minimum of 9 cones or portable delineators shall be used for the taper. A C23 (Road Work Ahead) or C24 (Shoulder Work Ahead) sign shall be mounted on a telescoping flag tree with flags. The flag tree shall be placed where directed by the Engineer.

When leaving a work area and entering a roadway carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic.

A minimum of one traffic lane, not less than 10 feet wide, shall be open for use by public traffic. When construction operations are not actively in progress, not less than two such lanes shall be open to public traffic.

No work that interferes with public traffic shall be performed between 7:00 a.m. and 8:00 a.m. or between 5:00 p.m. and 6:00 p.m. except work required under said Section 7-1.08 and 7-1.09 of the Standard Specifications.

The full width of the traveled way shall be open for use by public traffic on Saturdays, Sundays, and designated legal holidays; after 3:00 p.m. on Fridays and the day preceding legal holidays; and when construction operations are not actively in progress.

Minor deviations from the requirements of this section concerning hours of work which do not significantly change the cost of the work may be permitted upon the written request of the Contractor if in the opinion of the Engineer public traffic will be better served and the work expedited. Such deviations shall not be adopted until the Engineer has indicated his written approval. All other modifications will be made by contract change order.

At the end of each working day if a difference in excess of 0.15 foot exists between the elevation of the existing pavement between lanes, the Contractor shall furnish and place portable delineators conforming to the provisions of Section 12-3.04, "Portable Delineators" along said drop-off. "Do Not Pass" signs shall also be placed at 500-foot intervals when delineators are required. Full compensation for furnishing and

placing delineators and signs shall be considered as included in the various items of work and no additional compensation will be allowed.

Whenever the Contractor's operations obliterate pavement delineation (lane lines, either pavement markers or painted lines or both, or temporary delineation), such pavement delineation shall be replaced by either permanent or temporary delineation before opening the traveled way to public traffic. Temporary delineation shall consist of reflective traffic line tape applied in pieces not less than 4 inches long nor less than 4 inches wide spaced no more than 10 feet apart on curves nor more than 20 feet apart on tangents. Reflective traffic line tape shall be applied in accordance with the manufacturer's instructions: If no pavement surface is present, the contractor shall mark the traffic lanes with delineators. Full compensation for temporary delineation shall be considered as included in the prices paid for the contract items of work that obliterated the existing delineation and no separate payment will be made. Backfilled trenches in the existing pavement shall be temporarily paved and maintained with asphalt concrete, or permanently paved (consistent with the existing pavement) with asphalt concrete, before allowing traffic on the trenches.

### **Section 31 Traffic Control:**

A traffic control system shall consist of closing traffic lanes in accordance with the details shown on the Plans, the provisions of Section 12, "Construction Area Traffic Control Devices," of the Standard Specifications, and the provisions under "Maintaining Traffic" elsewhere in these Special Provisions.

- The provisions in this section will not relieve the Contractor from his responsibility to provide such additional devices or take such measures as may be necessary to comply with the provisions in Section 7-1.09, "Public Safety," of the Standard Specifications.

The base material of construction area signs shall not be plywood.

If any component in the traffic control system is damaged, displaced or ceases to operate or function as specified, from any cause, during the progress of the work, the Contractor shall immediately repair said component to its original condition or replace said component and shall restore the component to its original location.

When lane closures are made for work periods only, at the end of each work period, all components of the traffic control system, except portable delineators placed along open trenches or excavation adjacent to the traveled way, shall be removed from the traveled way and shoulder. If the Contractor so elects, said components may be stored at selected central locations, approved by the Engineer, within the limits of the highway right-of-way.

Traffic control system required for work, which is classed as extra work, as provided in Section 4-1.03D of the Standard Specifications, will be paid for as a part of said extra work.

#### **(a) Removal of On-street Parking:**

Forty-eight (48) hours prior to construction, the Contractor shall place barricades signed "NO PARKING - TOW AWAY - Specific Time and Date(s)" at 50 to 60 foot intervals in the work area. "NO PARKING" signs must also state "C.V.C. 22651 (L)." See example in Part IV, Section 10-1.09a, "Removal of On-street Parking."

"NO PARKING - TOW AWAY" signs shall be submitted for approval by the Engineer before their use. The Contractor shall notify the Engineer immediately after the "NO PARKING" signs are in place. "NO PARKING" signs and barricades shall be supplied and maintained by the Contractor.

Failure to comply with this section will prevent the City from towing vehicles parked in the proposed work area. Work will not proceed if vehicles are parked in the proposed work area.

All costs associated with Traffic Control shall be included in the lump sum contract price for this item of work and no additional compensation will be allowed.

**Section 32 Existing Facilities:**

The work performed in connection with various existing highway facilities shall conform to the provisions in Section 15, "Existing Highway Facilities," of the Standard Specifications and these Special Provisions.

(a) Removal of Miscellaneous Items:

Various items shown on the Plans and specified removed herein shall be completely removed and disposed of.

No separate payment shall be made for the various items to be removed unless specified and listed in the proposal. Such items shall be considered as included in the contract lump sum price for Clearing and Grubbing, and no additional compensation will be allowed

**PART IV**

**SPECIFICATIONS**

| <b>SECTION</b> | <b>TITLE</b>   | <b>PAGE</b> |
|----------------|--|-------------|
| SECTION 10-1   | GENERAL  | IV-1        |
| 10-1.01        | Order of Work  | IV-1        |
| 10-1.02        | Relations with California Regional Water Quality Control Board   | IV-1        |
| 10-1.03        | Progress Schedule  | IV-2        |
| 10-1.04        | Cooperation  | IV-2        |
| 10-1.05        | Safety   | IV-3        |
| 10-1.06        | Obstructions   | IV-3        |
| 10-1.07        | Hours of Work  | IV-3        |
| 10-1.08        | Dust Control   | IV-3        |
| 10-1.09        | Construction Area Signs  | IV-4        |
| 10-1.10        | Maintaining Traffic  | IV-4        |
| 10-1.11        | Notice to Area Residents   | IV-4        |
| 10-1.12        | Traffic Control  | IV-5        |
| 10-1.13        | Existing Highway Facilities  | IV-5        |
| 10-1.14        | Work Within Caltrans R/W   | IV-5        |
| 10-1.15        | Clearing and Grubbing  | IV-6        |
| 10-1.16        | Watering   | IV-6        |
| <br>           |  |             |
| SECTION 10-2   | TECHNICAL SPECIFICATIONS   | IV-7        |
| 10-2.01        | Mobilization, Bonds & Insurance  | IV-7        |
| 10-2.02        | Remove Existing Pavement, Pavement Base Rock and Subbase Material  | IV-7        |
| 10-2.03        | Remove Existing P.C.C. Curb and Gutter, Remove Existing P.C.C. Cross Gutter, Remove Existing P.C.C Sidewalk and Existing P.C.C. Access Ramps | IV-8        |
| 10-2.04        | Remove Existing Storm Drain Pipe, Remove Existing Storm Drain Inlets   | IV-8        |
| 10-2.05        | Remove and Replace Stop Sign and Street Name Signs   | IV-9        |
| 10-2.06        | Remove and Relocate Existing Fire Hydrant and Remove and Replace Existing Water Valve  | IV-9        |
| 10-2.07        | Furnish and Install Storm Drain Inlets   | IV-12       |
| 10-2.08        | Furnish and Install HDPE Storm Drain Pipe  | IV-13       |
| 10-2.09        | Furnish and Replace Class 2 Aggregate Base   | IV-13       |
| 10-2.10        | Pavement Surface Preparation   | IV-14       |
| 10-2.11        | Furnish and Place Asphalt Concrete Type A  | IV-14       |
| 10-2.12        | Compensation and Adjustments for Price Index Fluctuations  | IV-15       |

|         |  |       |
|---------|--|-------|
| 10-2.13 | Adjust Utility Valve Covers, Street Light Utility Boxes, Cable TV Box, Storm Drain Basin and Traffic Signal Utility Boxes to Grade | IV-16 |
| 10-2.14 | Construct Portland Cement Concrete (P.C.C.) Sidewalk, Curbs, Retaining Curbs, Cross Gutters, V-Gutters, Steps and Access Ramps     | IV-17 |
| 10-2.15 | Furnish and Install Detectable Warning Surfaces  | IV-19 |
| 10-2.16 | Construct Grouted Cobble Hardscape; Remove and Replace Landscape Rocks, Construct Rock Retaining Wall                              | IV-19 |
| 10-2.17 | Thermoplastic Traffic Striping and Marking   | IV-20 |
| 10-2.18 | Curb Painting  | IV-21 |
| 10-2.19 | Final Clean-Up   | IV-21 |
| 10-2.20 | Water Pollution Control Program (WPCP)   | IV-21 |

## **PART IV – SPECIFICATIONS**

### **SECTION 10-1 GENERAL**

10-1.01 ORDER OF WORK: Order of work shall conform to the provisions in Section 5, "Control of Work," of the Standard Specifications and these Specifications.

Attention is directed to Section 10-1.11 of these Specifications "Notice to Area Residents," as a controlling scheduling item of work.

The Contractor shall submit the following technical information prior to the pre-construction conference:

1. Emergency Contact Numbers for Prime and Subcontractors.
2. Proposed sequencing of work including street closure and lane closure sequences.
3. Traffic Control Plans specific to State Route 116 and intersecting streets.

The Order of Work shall be as follows:

1. Applicable Traffic Control
2. Notice to Area Residents, Commercial Property Owners and Commercial Tenants as Applicable to Schedule
3. Pavement and Selected Curb, Gutter, Sidewalk, Ramp and Miscellaneous Demolition
4. Utility Improvements including pipelines, drain inlets, valves
5. Subgrade / Base Preparation
6. Aggregate Base Placement and Compaction
7. P.C.C., Curb, Gutter, Sidewalk, Cobble Hardscape, Landscape Rock, Concrete Step Accessible Ramp Construction, Detectable Warning Surfaces
8. Hot Mix Asphalt Placement
9. Crosswalk, Curb, Pavement Marking Delineation
10. Project Cleanup

Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various items of work and no additional compensation will be allowed.

10-1.02 RELATIONS WITH CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD: This location is within an area controlled by the Regional Water Quality Control Board. The Contractor shall fully inform himself of all rules, regulations, and conditions that may govern his operations in said area and shall conduct his work accordingly.

The Contractor shall comply with the regulations of the North Coast Regional Water Quality Board and the discharge prohibitions and guidelines pertaining to construction activities listed on pages 1-5-7 through 1-5-9 of the Water Quality Control Plan North Coastal Basin dated April, 1975.

Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed.

10-1.03 PROGRESS SCHEDULE: Progress schedules will be required for this contract and shall conform to the provisions in Section 8-1.02, "Schedule," of the Standard Specifications.

The progress schedule shall identify refuse collection days. The schedule for demolition, subgrade / base preparation, aggregate base placement, hot mix asphalt placement, striping and marking shall include a makeup day to be included in posting no parking and notices to area residents, business owners and tenants such that all of the scheduled work will be completed within the scheduled periods. Failure to complete schedule work which results in rescheduling, reposting no parking signs, and redistribution of notices to area residents, all of which shall be at the Contractor's expense and shall not be a basis for time extensions unless caused by unforeseen weather.

Requests for changes in the schedule must be submitted to the City for approval at least 48 hours prior to construction of ADA ramps improvements.

Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various items of work and no additional compensation will be allowed.

10-1.04 COOPERATION: Attention is directed to Sections 5-1.20, "Coordination with Other Entities," of the Standard Specifications and these Specifications.

In some instances the Contractor may be required to coordinate work and share work areas with City of Sebastopol, Caltrans, PG&E, SBC, Comcast and the City's other contractors. The Contractor shall cooperate at all times with the City and with utility agencies and other contractors in the vicinity of the project and as directed by the City.

Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various items of work and no additional compensation will be allowed.

10-1.05 SAFETY: Attention is directed to Section 7-1.04 "Public Safety" of the Standard Specifications and these Specifications. The Contractor is hereby specifically informed that under this contract he has the sole responsibility for the safety of his work, including his workforce, equipment and that of subcontractors, and of the general public as they may come in contact with the work. The City or City's Inspector has specifically not been hired to review the Contractor's safety or methods of operation.

10-1.06 OBSTRUCTIONS: Attention is directed to Sections 5-1.36D, "Non-Highway Facilities," and Section 15 "Existing Facilities," of the Standard Specifications and these Specifications.

Attention is directed to the possible existence of underground gas mains, gas services, water mains, fire hydrants, water services, sewer mains, sewer laterals, storm drains and underground power, telephone and cable T.V. facilities within the area in which construction is to be performed. The Contractor will be required to protect these facilities, as needed, to perform work in accordance with the Plans.

The Contractor will be required to protect existing pavement, curb, gutter, sidewalk, access ramps, traffic signal standards, street name signs, stop signs, landscaping and other improvements that are to remain in place within the construction area. The Contractor will be required to protect gas, water, sewer, storm drainage power, telephone and cable television facilities within the construction area and will be held liable to the owners of such facilities for interference or damage resulting from their operations.

Full compensation for conforming to the requirements of this section shall be considered as included in the contract prices paid for the various items of work and no additional compensation will be allowed.

10-1.07 HOURS OF WORK: Construction work shall be limited to the hours between 7:00 AM and 6:00 PM Monday through Friday. Except as stated below, no construction is permitted on Saturdays or Sundays. The Contractor's attention is directed to restrictions in the section entitled "Maintaining Traffic," Part III – Section 30 of the Special Provisions.

10-1.08 DUST CONTROL: Dust control shall conform to the provisions in Section 10-5, "Dust Control," of the Standard Specifications and these Specifications.

No separate payment will be made to the Contractor when the City orders the application of water for the purpose of controlling dust. Full compensation for such dust control will be considered as included in the prices paid for the various items of work involved, and no additional compensation will be allowed.

**10-1.09 CONSTRUCTION AREA SIGNS:** Comply with Part III – Section 29 of the Special Provisions. Construction area signs shall be paid as part of the bid item for Traffic Control. No separate payment will be made therefore.

**10-1.09a Removal of On-Street Parking:** Not more than forty-eight (48) hours prior to construction, the Contractor shall place barricades signed "NO PARKING - TOW AWAY - Specific Time and Date(s)" at 30 to 40 foot intervals in the work area. The first and last sign shall also be stenciled with the word "BEGIN" or "END" as appropriate to delineate the limits of the no parking area (See example).

"NO PARKING - TOW AWAY" signs shall be submitted for approval by the City before their use. The Contractor shall notify the City immediately after the "NO PARKING" signs are in place. The Contractor shall supply "NO PARKING" signs and barricades.



Failure to comply with this section will prevent the City from towing vehicles parked in the proposed work area. Work will not proceed if vehicles are parked in the proposed work area.

Full compensation for providing all labor, equipment and materials necessary for the furnishing and placement of construction area signs shall be included in the lump sum paid for construction area signs and no additional compensation shall be allowed, therefore. Compensation for providing all labor, equipment and materials necessary for the removal of construction area signs shall be considered as included in the prices paid for related bid items and no additional compensation shall be allowed.

**10-1.10 MAINTAINING TRAFFIC:** Comply with Part III – Section 30 of the Special Provisions. **Unless otherwise directed by the City, at all times during construction the Contractor shall maintain not less than one lane of traffic on State Route 116, each direction, and not less than one lane of traffic on all intersecting streets where ADA Ramps improvements are proposed.** Maintaining Traffic shall be paid as part of the bid item for Traffic Control. No separate payment will be made therefore.

**10-1.11 NOTICE TO AREA RESIDENTS:** The Contractor shall provide notice to all residents, business owners and tenants affected by the construction relative to the Contractor's schedule of work including the traffic control provisions during construction. A sample notice shall be

provided to the Contractor by the City. If the Contractor desires to modify the notice, the revisions must be submitted to the City for approval at least 10 days prior to beginning work. The Notice to Area Residents and to businesses shall be a **door hanger type notice printed on heavy paper or cardboard**. The dates of work shall match the work schedule provided to and approved by the City.

If the Contractors schedule shall change to include dates of work beyond the dates indicated in the posted notices, the Contractor shall repost such notices at least 48 hours prior to commencing work on the changed schedule work.

10-1.12 TRAFFIC CONTROL: Comply with Part III – Section 31 of the Special Provisions. All costs associated with traffic control including construction area signs, maintaining traffic, placing no parking signs and notice to area residents and businesses shall be included in the lump sum paid for Traffic Control. The lump sum paid for traffic control shall include all costs associated with the work described herein including all labor, equipment, materials, printing costs and other associated costs with completing the work. Payment for Traffic Control shall be paid as a percentage of work completed.

10-1.13 EXISTING HIGHWAY FACILITIES: The work performed in connection with various existing highway facilities shall conform to the provisions in Section 15, "Existing Facilities," of the Standard Specifications and these Specifications

Residue from the removal of existing roadway, curb, gutter, sidewalk and ramp improvements shall be disposed of immediately after removal. Residue shall not be allowed to enter the storm drain system. Disposal shall be performed in accordance with Section 15-1.03B "Removing Concrete" of the Standard Specifications and these Specifications.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved including, but not limited to, removal and disposal of curb, gutter, sidewalk ramps and asphalt and unsuitable material shall be considered as included in the contract unit prices for the various items of work and no additional compensation will be allowed.

10-1.14 WORK WITHIN CALTRANS R/W: In general the State Route 116 ADA Sidewalk Ramp improvements are located within the limits of the Caltrans State Route 116 R/W. Improvements have been prepared in conformance with the 2018 Caltrans Standard Plans. Caltrans has reviewed the improvement plans prepared for this project and has issued an Encroachment Permit to the City of Sebastopol (Permit No. 04-17-N-MC-0670). A copy of this Encroachment Permit is included in the Appendix of these Contract Documents.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work for the Contractor's compliance with the provisions of the Caltrans Encroachment Permit shall be considered as included in the contract prices paid for the various items of work and no additional compensation will be allowed.

10-1.15 CLEARING AND GRUBBING: Clearing and grubbing shall conform to the provisions in Section 17-2, "Clearing and Grubbing," of the Standard Specifications and these Specifications.

All existing vegetation, outside the areas to be cleared and grubbed, shall be protected from the Contractor's operations unless specifically shown on the plans to be removed.

Nothing herein shall be construed as relieving the Contractor of his responsibility for final cleanup of the highway as provided in Section 4-1.13, "Cleanup," of the Standard Specifications.

Compensation for clearing and grubbing shall be included in the various items of work and no separate or additional compensation shall be made therefore.

10-1.16 WATERING: Watering shall conform to the provisions in Section 10.4, "Water Usage," of the Standard Specification.

The City will supply a hydrant meter for construction at one location at no cost to the Contractor. The location and rate of withdrawal will be subject to City approval.

Full compensation for developing a water supply shall be considered as included in the contract prices paid for the various items of work involved and no additional compensation will be allowed.

## SECTION 10-2 TECHNICAL SPECIFICATIONS

10-2.01 MOBILIZATION, BONDS & INSURANCE: Mobilization shall consist of preparatory work and operations, including but not limited to, those necessary for the movement of personnel, equipment, supplies, and incidentals to and from the project site; for the establishment of all offices, buildings, construction yards, sanitary facilities, and any other facilities necessary for work on the project; and for all other work and operations which must be performed or costs incurred prior to beginning work on the various contract items on the project site, as well as the related demobilization costs anticipated at the completion of the project. The cost of all bonds and insurance policies, including premiums and incidentals, shall be included in mobilization.

No additional compensation will be allowed for additional mobilizations required, including but not limited to, delays caused by the relocation of existing utility facilities shown on the Plans or discovered during construction operations.

The deletion of work or the addition of extra work as provided for herein shall not affect the price paid for Mobilization.

Payment for "Mobilization, Bonds, & Insurance" will be made at the Contract Lump Sum price included in the Bid Schedule. Said price shall constitute full compensation for all such work. Payment for Mobilization will be made as follows:

70% of the bid item for Mobilization will be paid on the first progress payment.

100% of the bid item for Mobilization will be paid on the second progress payment, unless all the Mobilization items listed herein have not been completed, at which point payment will be withheld until all the items are completed.

### 10-2.02 REMOVE EXISTING PAVEMENT, PAVEMENT BASE ROCK AND SUBBASE MATERIAL

Existing asphalt concrete and PCC pavement, and base rock and subbase material shall be removed to the limits shown on the Project Plans and as needed to construct the ADA Ramp and associated ramp improvements. Saw cut the existing pavement at the limits of work so that the visible edge of the remaining pavement forms a neat straight line. Pavement, pavement base rock and subbase material removed shall be properly disposed of offsite by the Contractor.

All costs for removal of existing pavement, base rock and subbase shall be included in the unit price per square foot paid for pavement removal and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved with pavement, pavement base rock and subbase removal and

disposal as shown on the Plans, as specified in the Standard Specifications, these Specifications and as directed by the City and no additional compensation shall be allowed.

10-2.03 REMOVE EXISTING P.C.C. CURB AND GUTTER, REMOVE EXISTING PCC CROSS GUTTER, REMOVE EXISTING P.C.C. SIDEWALK AND EXISTING P.C.C. ACCESS RAMPS

At the locations and to the limits shown on the Plans, the Contractor shall remove existing Portland Cement Concrete (P.C.C.) curb and gutter, v-gutter, cross gutter, sidewalk and access ramps. At the limits of removal, existing concrete shall be cut with a concrete saw so that the visible edge of the remaining concrete forms a neat, straight line. Removal of existing concrete walkways and access ramps shall include construction of temporary construction barriers. Pedestrian access through the construction area shall be provided as specified in "Traffic Control" Part III – Section 31 of the Special Provisions. Concrete removal shall include removal of base rock and subbase material to a minimum depth of 6 inches below the bottom of the proposed concrete structure, slab or curb to be removed. Concrete material removed shall be properly disposed offsite by the Contractor.

As shown on the Plans, there are existing traffic signal standards at locations where existing PCC sidewalks and existing PCC access ramps are to be removed. The Contractor is to protect the existing traffic signal standards during the removal of the existing sidewalks and ramps and shall regrout the base area around the traffic signal standard with the construction of new sidewalk and access ramps.

All costs for removal of existing concrete curb and gutter, sidewalks, v-gutters, cross gutters and access ramps, for the protection of existing traffic signal standards and for placement of temporary construction barriers shall be included in the lineal foot or square foot price paid for concrete removal as outlined in the Bid Schedule and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved with concrete removal and disposal as shown on the Plans, as specified in the Standard Specifications, these Specifications and as directed by the City and no additional compensation shall be allowed, therefore.

10-2.04 REMOVE EXISTING STORM DRAIN PIPE, REMOVE EXISTING STORM DRAIN INLETS

At the locations and the limits shown on the Plans, the Contractor shall remove existing storm drain pipelines and storm drain inlets. Removal of pipelines and storm drain inlets shall include placement and compaction of suitable backfill material in accordance with City Standards and as directed by the City.

All costs for removal of existing storm drain pipelines and storm drain inlets shall be included in the lineal foot of pipeline removed or shall be paid for each drainage inlet removed as outlined in the Bid Schedule and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved with storm drain pipeline and storm drainage inlet removal and disposal as shown on the Plans, as specified in the Standard Specifications, these Specifications and as directed by the City and no additional compensation shall be allowed, therefore.

#### 10-2.05 REMOVE AND REPLACE STOP SIGN AND STREET NAME SIGNS

As shown on the Plans, there are existing stop signs and street name signs at locations where existing PCC sidewalks and existing PCC access ramps are to be removed. Contractor shall remove the existing signs. Until the existing sign or new signs are placed the Contractor shall provide temporary stop signs and street name signs at the locations directed by the City. If the existing stop sign or street name sign and sign poles are not damaged during removal, they may be replaced at the location shown on the Plans and as directed by the City. Damaged signs shall be replaced at the expense of the Contractor. The replacement of existing or the placement of new signs shall conform to City Standards.

The contract price paid for removal and replacement of each sign shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals and for doing all work included in excavating, salvaging and reinstalling or replacing the existing signs as shown on the Plans, as specified in the Standard Construction Specifications, these specifications and as directed by the City and no additional compensation will be made, therefore.

#### 10-2.06 REMOVE AND RELOCATE EXISTING FIRE HYDRANT AND REMOVE AND REPLACE EXISTING WATER VALVE

At Ramp Location 8, the east side of the intersection of SR116 and Ellis Court, the scope of work includes relocating an existing hydrant, installing a new 6-inch diameter hydrant lead and 6 inch hydrant isolation valve. When the existing hydrant is removed the scope of work shall include removing an existing valve and replacing it with a blind flange.

Water mains shall be installed in accordance with Section 2, Article 3.03 of the City Standard Specifications. All pipe shall be laid true to line and grade as shown on the Plans or as directed by the Engineer. Before any pipe is laid, it shall be carefully inspected for defects. No pipe or other material which is cracked or shows other defects shall be placed.

Pipe must be given a solid uniform bearing in the bottom of the trench. Blocking or supporting pipe on earth mounds will not be permitting

Bedding for PVC water mains shall be well graded aggregate material or washed sand and have a minimum sand equivalent of 30 with 100% less than 1 inch diameter, 95 to 100% less than ¾ inch diameter and 55% to 100% less than No. 4 sieve. Water pipeline bedding shall be compacted to not less than 95 percent relative compaction.

Water mains shall be PVC C900 Class 235, DR 18.

PVC couplings shall conform to the requirements of AWWA C900 and be the same pressure rating as the pipe.

Water pipe material furnished as part of the Project shall be considered incidental to the furnishing and installation of water mains and no additional compensation will be allowed.

Locating wire shall be installed above the water main as shown on the City Standard Details.

Warning tape shall be placed on top of the pipe zone backfill and centered over pipe.

Water mains shall be backfilled with City Standard Type 1 material as directed by the City. Backfill shall be placed in maximum loose lifts of 8 inches thick. Compact each stage of backfill by hand or by mechanical tamping to a minimum of 95 percent relative compaction. Provide not less than 30 inches of cover over the top of the pipe before the trench is wheel loaded.

The Contractor shall notify the City at least 48 hours before any connection shall be made to an existing main. The Contractor shall indicate the expected period required for the shutdown and the time of which he desires the shutdown.

In general, shutdowns shall be made at times when there will be the least interference with normal water service. The Contractor shall notify all users who will be temporarily out of service indicating date and times. Connections shall be made only after complete and satisfactory preparation for the work has been made, including testing of the new main, in order that the shutdown may be as short as possible. The City shall be the sole judge of the adequacy of the preparation.

Under no circumstances shall anyone other than an authorized representative of the City open or close any valve in the City-operated water system.

Connections to existing mains outside normal working hours shall be made at no additional cost to the City.

Connection to existing water mains shall be considered incidental to the furnishing and installation of water mains and no additional compensation will be allowed.

Cleaning, testing and disinfection of water mains shall conform to Section 2, Article 3.07 of the City Standard Specifications.

After the pipe trench has been backfilled, the newly laid pipe or any valve section thereof, shall be subjected to pressure testing as directed by the City and as specified in the City Standard Specifications.

The new water main shall be thoroughly flushed and disinfected in accordance with the "Procedure for Disinfecting Water Mains", AWWA Specifications C 601-54, prior to being placed into service.

Cleaning, testing and disinfection of water mains shall be considered incidental to the furnishing and installation of water mains and no additional compensation shall be allowed.

Gate valves shall be resilient seat modified wedge disc type. Solid guide lugs shall travel within channels cast in the side of the valve. Front sides shall have an angular mounted resilient rubber seat ring. Valves shall have non-rising stems, or rubber gasket type ends, as required, cast iron body and stems of bronze. When valves are open, the area of the opening shall be at least equal to the adjacent pipe. Valves shall open counterclockwise and have standard AWWA type opening nuts. Stuffing boxes shall be bolted and constructed so as to permit removal of parts for repair. "O" ring type seals are required on all gate valves. Valves shall conform in material of construction, quality and performance to AWWA C500-61 and shall be tested at not less than 300 psi hydrostatic pressure.

Gate Valves shall be Mueller, Resilient Seat, or equal.

Valves shall be set plumb, supplied in a wood block and properly fitted to the adjacent section of the main. Installation shall conform to City Standard Details W-2.1.

Valve boxes shall be furnished and installed on all underground gate valves. They shall be of concrete or enameled cast iron adjustable to grade, and shall be installed vertically, centered on and covering the upper portions of the valves. The top of each valve box shall be placed flush with finished grade unless otherwise directed. Valve boxes shall be Christy G5 with traffic lid or approved equal. A concrete collar shall be placed around each valve box as shown on the City Standard Details W-2.1.

Unless otherwise directed by the City, the existing hydrant located at Ramp 8 shall be reinstalled as shown on the Plans.

Verify that the hydrant is equipped with a break-off riser. Hydrant shall also be equipped with break-off check valve assemblies.

Bury shall be a minimum of 6 inches in diameter and be equipped with rubber gasket joints for connection to hydrant lead.

The above ground portions of the hydrant shall be painted in accordance with AWWA 503-59 with a color determined by the City.

Fire hydrant and fire hydrant connections shall be installed at the location shown on the Plans. Hydrant shall be installed in accordance with City Standard Details W-4.1.

Full compensation for furnishing all labor, tools, equipment and incidentals and for doing all the work involved in removing and relocating the existing hydrant and in removing the existing water valve shall include furnishing and installing resilient seat gate valves, valve boxes and hydrant lead, excavation, bedding, and backfill of water main, connections to existing main and cleaning, testing, disinfection of water main shall be considered in the contract price paid per each in accordance with the Contract Plans, these Technical Specifications, the City Standard Specifications, Standard Details and as directed by the City and no additional compensation will be allowed.

#### 10-2.07 FURNISH AND INSTALL STORM DRAIN INLETS

New Caltrans Standard Type GT-3 and Caltrans Standard Type GO drainage inlets shall be installed in conformance with Caltrans Standard Plans, City of Sebastopol requirements, as shown on the Plans and as directed by the City. Castings for manhole frames and covers and for drop inlet frames, and covers, shall be tough gray iron, free from cracks, holes, swells and cold sheets, and be of workmanlike finish. A "Certificate of Compliance" signed by an authorized agent of the manufacturer or supplier shall be required and shall be delivered to the City. Each certificate so furnished shall be accompanied by a copy of test results stating that the material has been sampled, tested, and inspected in accordance with the provisions of ASTM Designation: A 48, Gray Iron Castings Class 35B. At the option of the Contractor, drainage inlets may be furnished and installed as precast units, or the units may be combined precast and cast-in-place structures, provided the structures in place substantially conform to cast-in-place construction as specified in these Standard Specifications, Section 51 "Concrete Structures" and Section 70 "Miscellaneous Drainage Facilities" of the Standard Specifications. Drainage inlet grates shall be Bicycle Proof as shown on the State Standard Improvement Plans, Detail D77B and as approved by the City.

Storm drain manholes shall consist of a precast unit or a cast-in-place unit in conformance with Section 51 of the State Standard Specifications, and City of Sebastopol Standard Specifications or a combination thereof.

Where shown on the plans, existing storm drain pipe shall be removed within the limits of the new storm drain inlet construction. The contractor shall sawcut and remove the interfering portions of the existing storm drain pipe, and shall grout the connection to the new drain inlet smooth.

The contract price paid for each storm drainage inlet furnished and installed shall include full compensation for all labor, material, tools, equipment and incidentals and for doing all working involved in furnishing and installing each storm drainage structure-in-place including excavation and backfill, and removal of existing storm drain as shown on the Contract Plans, as specified in the State Standard Specifications, these Specifications and as directed by the City and no additional compensation shall be allowed.

#### 10.-2.08 FURNISH AND INSTALL HDPE STORM DRAIN PIPE

Plastic storm drain pipe (HDPE) shall conform to the provisions of Section 64, "Plastic Pipe" of the Standard Specifications and of the City Storm Drain Standards. Plastic pipe shall be Type S corrugated polyethylene pipe with a smooth inner lining and corrugated outer wall. Excavation and backfill shall be as specified in Section 64 of the Standard Specifications.

No pipe shall be laid which is damaged or which, in the opinion of the City, is unsuitable.

The Contract price paid per lineal foot for Plastic Storm Drain shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals involved and for furnishing pipe, conducting pipe excavation, placement and compaction of pipeline bedding and backfill material, connection to storm drain inlets and manholes, pavement restoration and pipeline testing, all in accordance with Standard Specifications, City Storm Drain Standards, Project Plans, these Specifications and as directed by the City and no additional compensation will be allowed.

#### 10-2.09 FURNISH AND PLACE CLASS 2 AGGREGATE BASE

Aggregate base shall be Class 2 and shall conform to Section 26, "Aggregate Bases," of the State Specifications, and these Specifications.

Aggregate base shall be produced from commercial quality aggregate consisting of broken stone, crushed gravel, clean, rough-surfaced gravel and sand, or a combination thereof. The grading of the material shall be three-fourth inch (3/4") maximum. Spreading and compacting shall be performed by methods that will produce a uniform base when firmly and properly compacted free from pockets of coarse or fine material. Compact aggregate base material to not less than 95% Relative Compaction per ASTM D1557

Class 2 Aggregate Base shall be placed, where shown on the Plans, under new pavement and new curb, gutter, v-gutter, sidewalks and ramps as specified in these Specifications, and as directed by the City. Compacted thickness of Aggregate Base placed for curb and gutter, sidewalks and ramps shall be as shown on the Plans and shall not be less than 6 inches.

For v-gutter and cross gutter construction, the compacted thickness for Class 2 Aggregate Base shall not be less than 6 inches as shown on City Standard Drawing R-22.

Furnishing and placement of Class 2 Aggregate Base for new curbs, gutters, v-gutters, cross gutters sidewalks and ramps shall be included in the contract unit price per ton, and no additional compensation will be allowed therefore.

The contract unit price paid per Ton of Class 2 Aggregate Base furnished and placed for pavement replacement shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals, and for doing all work involved in excavating, placing, and compacting Class 2 Aggregate Base as shown on the Plans, as specified in the Standard Construction Specifications, these Specifications, and as directed by the City and no additional compensation will be made therefore. Compacted thickness for Class 2 Aggregate Base placed for pavement replacement shall not be less than 8 inches. Place aggregate base material in lifts not greater than 4 inches compacted thickness.

#### 10-2.10 PAVEMENT SURFACE PREPARATION

The Contractor shall be responsible for removing all vegetation from the edge of pavement, sweeping and washing the pavement in advance of asphalt concrete operations. Power wash shall be used for the complete removal of dust that may cause the slippage of pavement construction equipment. The Contractor shall remove and dispose of all pavement markers prior to asphalt concrete as required or as directed by the City.

Full compensation for pavement surface preparation shall be considered in the prices paid for Asphalt Concrete, Type A and no additional compensation shall be allowed, therefore.

#### 10-2.11 FURNISH AND PLACE ASPHALT CONCRETE TYPE A

Asphalt concrete shall be Type A and shall conform to the provisions of Section 39 of the State Standard Specifications.

Emulsion shall be applied to both the vertical edges of the existing pavement, to the edge of concrete and to the Class 2 Aggregate Base material to be surfaced prior to placing new asphalt concrete. Asphaltic emulsions shall conform to "Asphaltic Emulsions Binder (Tack Coat)" of the Standard Construction Specifications and shall be included in the unit bid price for Asphalt Concrete Type A and no additional compensation shall be allowed therefore.

The paving asphalt shall be Performance Grade (PG) 64-16 per AASHTO M320-04 Specifications, as approved by the City. The amount of asphalt binder will be determined by the Contractor in

accordance with CAL 367. Tolerance, upper and lower limit, will be determined to meet stability air voids and potential flushing requirements.

The aggregate gradation shall be one-half inch (1/2") maximum, medium gradation. The asphalt concrete shall be placed in maximum 3 inches thick (finished nominal thickness), lifts.

The contract unit price paid per Ton of Asphalt Concrete, Type A shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals, and for doing all work involved in the production, delivery, and placement of Type A Asphalt Concrete as shown on the Plans, as specified in the Standard Specifications, these Specifications, and as directed by the City and no additional compensation will be made therefore.

#### 10-2.12 COMPENSATION ADJUSTMENTS FOR PRICE INDEX FLUCTUATIONS

The provisions of this section shall apply only to the following contract item:

- A. Asphalt Concrete, Type A

The compensation payable for the above listed items will be increased or decreased in conformance with the provisions of this section for paving asphalt price fluctuations exceeding 10 percent ( $I_u/I_b$  is greater than 1.10 or less than 0.90) which occur during performance of the work.

The adjustment in compensation will be determined in conformance with the following formulae when the above listed items are included in a monthly estimate:

Total monthly adjustment =  $AQ$

- A. For an increase in paving asphalt price index exceeding 10 percent:  
 $A = 0.90 (I_u/I_b - 1.10) I_b$
- B. For a decrease in paving asphalt price index exceeding 10 percent:  
 $A = 0.90 (I_u/I_b - 0.90) I_b$
- C. Where:
  1. A = Adjustment in dollars per ton of paving asphalt used to produce asphalt concrete and asphaltic emulsion residue used as paint binder rounded to the nearest \$0.01.
  2.  $I_u$  = The California Statewide Paving Asphalt Price Index which is in effect on the first business day of the month within the pay period in which the quantity subject to adjustment was included in the estimate.
  3.  $I_b$  = The California Statewide Paving Asphalt Price Index for the month in which the bid opening for the project occurred.
  4. Q = Quantity in tons of paving asphalt that was used in producing the quantity of asphalt concrete shown on the monthly estimate using the amount of asphalt determined by the Engineer plus the quantity in tons of

paving asphalt that would have been used as residue in the asphaltic emulsion (paint binder) shown on the monthly estimate.

The adjustment in compensation will also be subject to the following:

- A. The compensation adjustments provided herein will be shown separately on payment estimates. The Contractor shall be liable to the City for decreased compensation adjustments and the City may deduct the amount thereof from moneys due or that may become due the Contractor.
- B. Compensation adjustments made under this section will be taken into account in making adjustments in conformance with the provisions in Section 4-1.03B, "Increased or Decreased Quantities," of the State Standard Specifications.
- C. In the event of an overrun of contract time, adjustment in compensation for paving asphalt included in estimates during the overrun period will be determined using the California Statewide Paving Asphalt Price Index in effect on the first business day of the month within the pay period in which the overrun began.

The California Statewide Paving Asphalt Price Index is determined each month on the first business day of the month by the City using the median of posted prices in effect as posted by Chevron, Mobil, and Unocal for the Buena Vista, Huntington Beach, Kern River, Long Beach, Midway Sunset, and Wilmington fields.

In the event that the companies discontinue posting their prices for a field, the City will determine an index from the remaining posted prices. The City reserves the right to include in the index determination the posted prices of additional fields.

The California Statewide Paving Asphalt Price Index is available on the Division of Engineering Services website at: [http://www.dot.ca.gov/hq/esc/oe/asphalt\\_index/astable.html](http://www.dot.ca.gov/hq/esc/oe/asphalt_index/astable.html)

#### 10-2.13 ADJUST UTILITY VALVE COVERS, STREET LIGHT UTILITY BOXES, CABLE TV BOX, STORM DRAIN BASIN AND TRAFFIC SIGNAL UTILITY BOXES TO GRADE

Water valve covers shall be adjusted to grade in accordance with City Standard Specifications and Standard Drawing W-2.1 included in the Project Plans. Adjustment of gas valve covers shall be coordinated with PG&E. All water valve and gas valve covers shall be carefully referenced prior to the placement of the final asphalt pavement and the location of the water valve and gas valve covers painted on the asphalt surface immediately after paving.

The water valve box covers shall be adjusted to grade conventionally. Adjustment of water valve covers to finished grade shall be accomplished by removing the existing frame and cover,

removing the existing concrete encasement, pouring a new concrete encasement, resetting the existing frame and cover and then placing asphalt concrete, as necessary.

The water valve opening shall be covered during the entire operation so that no debris can fall into the valve opening and damage the valve. Prior to the placement of the new concrete grade ring, the Contractor shall demonstrate to the satisfaction of the City that each water valve is operating properly and has not been damaged by the Contractor's operations. At the Contractor's expense, any water valve damaged during the construction of the pavement reconstruction improvements shall be replaced with a new, City standard, water valve matching the size, type and valve manufacturer and model of the valve replaced.

Utility boxes located within the limits of ramp and sidewalk improvements including water valve boxes, gas valve boxes, cable TV boxes, street light and traffic signal boxes and storm drain basin covers, shall be removed and reset to match finish grades as shown on the Plans.

All materials removed during adjusting the utility valve covers to grade shall become the property of the Contractor. If, in the City's judgement, existing valve frame or cover or utility boxes are unsuitable and were damaged by the Contractor's operations, they shall be replaced by the Contractor with a new utility valve cover at no cost to the City.

The contract unit price for adjusting each utility valve to grade shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all work in adjusting utility valve covers to grade as specified in the City Sebastopol Specifications, these Specifications, the Project Plan, the Sebastopol Standard Construction Drawing or as directed by the City and no additional compensation will be allowed.

#### 10-2.14 CONSTRUCT PORTLAND CEMENT CONCRETE (P.C.C.) SIDEWALK, CURBS, RETAINING CURBS, CROSS GUTTERS, V-GUTTERS, STEPS AND ACCESS RAMPS

Curb and gutter, cross gutter, v-gutters, sidewalk, step and access ramps, shall be constructed in accordance with Section 73, "Concrete Curbs and Sidewalks", and Section 90, "Concrete", of the State Standard Specifications, and these Specifications. The concrete shall attain a minimum compressive strength of 3000 psi at 28 days, and shall contain not less than six sacks of cement and one pound of lampblack per cubic yard. Maximum slump of the concrete shall be 4 inches, as determined in accordance with ASTM C-143. The City shall provide inspection and testing of the P.C.C. material placed.

Pedestrian ramps shall be constructed in accordance with the requirements of the Americans with Disabilities Act (ADA) Standards and shall be constructed at the locations and the dimensions, grades, and limits shown on the Plans. Pedestrian ramps shall conform to Caltrans Standard Plans unless otherwise noted on the Plans.

P.C.C. reinforcement shall conform to the provisions in Section 52, "Reinforcement" of the State Standard Specifications.

Base material under curb and gutter, sidewalks and ramps shall comply with the provisions of Section 26, "Aggregate Bases" of the State Standard Specifications and shall be a minimum of 4 inches in compacted thickness. Aggregate Base material placed for cross gutter construction shall comply with the provisions of Section 26 "Aggregate Bases" of the State Standard Specifications and shall be a minimum of 6 inches in compacted thickness.

Weakened plane joints shall be constructed at 15-foot intervals for curbs except when Portland Cement concrete pavement is adjacent thereto, the joints shall coincide with the weakened plain joints in the adjacent pavement. The joints shall be constructed to a minimum depth of 1 ½ inches by scoring with a tool which will leave the corners rounded with a 1/4 inch radius and insure a free movement of the concrete at the joint.

Expansion joints shall be placed at sixty foot (60') intervals, at conforms, at curb returns, at utility vaults, and at other locations as directed by the City or as shown on the Plans.

Expansion joint filler strips shall have the top edge placed and securely held ¼ inch below the surface. Expansion joints shall be edged with an edging tool having a radius of ¼ inch.

In the construction of concrete curbs and gutters, forming of depressions to conform for the construction of ramps shall be considered incidental and included in the unit price paid per lineal foot of P.C.C. Curb and Gutter.

The Contractor shall be paid a unit price per lineal foot for P.C.C. curb and gutter, v-gutter and cross gutter improvements. Compensation shall include all labor, materials, tools, equipment and incidentals and for doing all work involved in constructing curb and gutter, v-gutter and cross gutter improvements complete in place, including but not limited to, saw cutting, excavation, subgrade preparation, the furnishing and placement of Class 2 Aggregate Base to support the curb and gutter, v-gutter or cross gutter for furnishing and placing Portland Cement Concrete as shown on the Project Plans, as specified in these Specifications and as directed by the City and no additional compensation will be allowed.

The Contractor shall be paid a unit price per square foot for P.C.C. sidewalks and ramps, complete in place, including but not limited to saw cutting, excavation, subgrade preparation, the furnishing and placement of Class 2 Aggregate Base to support the P.C.C. sidewalk and ramp improvements and for furnishing and placing Portland Cement Concrete as shown on the Project Plans, as specified in these Specifications and as directed by the City and no additional compensation will be allowed.

The Contractor shall be paid a price per each for P.C.C. step, complete in place, including but not limited to, saw cutting, excavation, subgrade preparation, the furnishing and placement of Class 2 Aggregate Base to support the P.C.C. steps and for furnishing and placing Portland Cement

Concrete as shown on the Project Plans, as specified in these Specifications and as directed by the City and no additional compensation will be allowed.

The contract unit price bid for Bid Item #5, Replace existing sidewalk, is an informational bid item in the event that additional sidewalk removal and replacement is required. The final payment for Bid Item #5 will be based on the final quantity of additional sidewalk removal and replacement, as determined by the Engineer.

#### 10-2.15 FURNISH AND INSTALL DETECTABLE WARNING SURFACES

All P.C.C. sidewalk ramps shall include a cast in place prefabricated detectable warning surface as shown on the Plans. Cast in place prefabricated detectable warning surface shall be composed of a vitrified polymer including aluminum oxide (“Armor-Tile” or approved equal). Color to be safety yellow. Domes to be ‘in-line’, parallel to curbing, with a height of 0.2”, base diameter of 0.9”, and top diameter of 0.45”, spaced 1.66” O.C. (2.35” O.C. on the diagonal). Field surface and top of domes to have a dotted texture for slip resistance. Density of dots in field area to be 30 per square inch minimum.

The contract unit price paid for each Detectable Warning Surface shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in supplying and installing the detectable warning surfaces complete and in place, as shown on the Plans, and as specified in these Specifications and as directed by the City, and no additional compensation shall be allowed.

#### 10-2.16 CONSTRUCT GROUTED COBBLE HARDSCAPE; REMOVE AND REPLACE LANDSCAPE ROCKS, CONSTRUCT ROCK RETAINING WALL

Construct grouted cobble hardscape in areas designated on the Plans. Cobble shall be placed on a prepared subbase not less than 4 inches thick of aggregate base or crushed rock. Place a minimum of 1½” to 2” thick bedding sand over the compacted aggregate base or crushed rock material. Install well rounded cobbles 6” to 8” nominal diameter over the prepared base material with no fractured faces showing. Cobbles shall measure a minimum 4 inches in the least dimension and a maximum of 12 inches in the greatest dimension.

Cement cobble in place using non-shrink grout. Use a nongas-liberating type, cement base, premixed product requiring only the addition of water to achieve the necessary consistency. Grout shall be Masterflow 713, as manufactured by Master Builders Company, Upcon by Upco, Quikrete Non-Shrink Precision Grout or approved equal.

At Ramp 7, the west quadrant of the State Route 116 and Ellis Court intersection, the scope of work shall include removal and replacement of an existing decorative landscape rock wall. Rock wall shall be reconstructed and replaced to match existing rock wall west of the limits of work.

Similarly at Ramp 8, the east quadrant of the State Route 116 and Ellis Court intersection, the scope of work shall include placement of rock retaining wall. The new rock wall shall match as closely as possible the existing rock wall texture and height located to the east of the limits of work.

The contract unit price paid per square foot of grouted cobble landscape construction shall include furnishing all labor, materials, tools, and equipment for subgrade preparation, furnishing and placing crushed rock or aggregate base material and bedding sand, furnishing and placing grouted cobble and grout as shown on the Project Plans, as specified in these Specifications and as directed by the City and no additional compensation will be allowed, therefore.

The contract unit price paid per lineal foot for removing and replacing landscape rocks and for constructing rock retaining wall shall include furnishing all labor materials, tools and equipment for complete installation as shown in the Project Plans, as specified in these Specifications and as directed by the City and no additional compensation will be allowed, therefore.

#### 10-2.17 THERMOPLASTIC STRIPING AND MARKING

The work involved under this item includes the individual bid items that are included at each ramp location, and all other striping shown on Pages 16 through 21 of the plans.

All traffic striping and pavement markings (legends) crosswalks, and advance warning markings within the Project limits shall be thermoplastic and shall be installed by the Contractor as shown on the Contract Plans and as directed by the City. The work shall conform to Section 84-2 "Traffic Stripes and Pavement Markings" of the State Standard Specifications. Traffic Stripes and Pavement Markings shall conform to Caltrans Standard Drawings A20A through A20D and to Caltrans Standard Drawings A24A through A24D, as applicable.

Thermoplastic traffic stripes shall be measured and paid for by the linear foot, for the various details referenced in drawings A20A through A20D of the State Standard Plans, along the line of the traffic stripes, without deductions for gaps in broken traffic stripes. Payment for traffic stripes shall include standard pavement markers to be placed together with the traffic stripes shown on the Contract Plans.

Crosswalks and stop bars consisting of 12-inch wide stripe will be measured per lineal foot and each lineal foot shall include one 12-inch wide stripe, white or yellow. Thermoplastic pavement markings, including letters, turn arrows, chevrons, advance markings and the like will be measured and paid for by the square foot for the actual area covered. Payment for traffic markings shall include pavement markers to be placed together with the traffic markings shown on the Contract Plans.

The price paid per lineal foot for thermoplastic traffic stripes and the price paid per square foot for thermoplastic pavement markings shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals and for doing all the work involved in installing the thermoplastic traffic striping and thermoplastic pavement markings and pavement markers as shown on the Contract Plans, as specified in the State Standard Specifications and City Standard Specifications, these Technical Specifications and as directed by the City and no additional compensation shall be allowed.

The cost of placing the striping and marking shown on Pages 16 through 21 of the plans, and not included in individual bid items, shall be included in the other items of work, and no additional compensation shall be made.

10-2.18 CURB PAINTING

Paint for curb marking (red no parking marking) shall conform to Section 91, "Paint" of the State Standard Specifications. The Contractor shall submit the curb paint color and paint material to the City for approval prior to application.

The contract unit price paid for Paint curb (red) shall include furnishing all labor materials, tools and equipment for complete installation as shown in the Project Plans, as specified in these Specifications and as directed by the City and no additional compensation will be allowed therefore.

10-2.19 FINAL CLEAN-UP: Before final inspection of the work, the Contractor shall clean the work and all ground occupied by him in connection with the work, of all rubbish, excess materials (including liquid asphalt), and equipment. The sidewalks, ramps and curbs shall be thoroughly swept clean of all dirt, dust and foreign material. All parts of the work shall be left in neat and presentable condition. Payment for cleaning of sidewalks, ramps and curbs, and clean up in general, shall be considered as included in the unit bid price for other contract items and no additional payment shall be made.

10-2.20 WATER POLLUTION CONTROL PROGRAM (WPCP): The Contractor shall comply with Section 10-1.02 of these Specifications and Appendix A – General Guidelines for Construction Activities contained herein.

The Contractor shall be paid for the work of preparing, implementing, inspecting, maintaining, and removing the WPCP on a lump sum basis as indicated in the Bid Schedule. Payment will be based on the percentage of work completed to date.



## APPENDIX A

### CITY OF SEBASTOPOL General Guidelines for Construction Activities Erosion and Sediment Control and Minimization of Hazardous Materials Contact with Stormwater

#### General

1. The *Erosion and Sediment Control Field Manual, Third Edition, June 1999*, by the California Regional Water Quality Control Board, San Francisco Bay Region, forms the basis for these requirements, and is incorporated herein in its entirety. A copy of the *Field Manual* may be obtained from the California Environmental Protection Agency State Water Resources Control Board Water Quality home page, <http://www.waterboards.ca.gov/stormwtr/training.html> under "Publications Available".
2. The City shall periodically inspect the Contractor's work to ensure that work conforms to these erosion control guidelines and requirements.
3. For public projects, the City shall perform erosion control follow-up and maintenance and be responsible for post construction stormwater protection following completion of the project, in accord with the provisions of the *Field Manual* and the City's Storm Water Management Plan.
4. The Contractor shall conform to all of the requirements contained in the approved plans and these contract documents and specifications and any other documents referenced herein.

#### EROSION CONTROL

Contractor shall conform with the requirements contained in Part IV, Specifications, Section 02770, Soil Erosion Control, and these guidelines.

#### GENERAL PRACTICES TO MINIMIZE HAZARDOUS MATERIALS CONTACT WITH STORM WATER (to be used in conjunction with the *Field Manual*)

1. Scheduling: The key to keeping potentially hazardous construction materials (PHCM) out of storm water is to perform most of the construction (earthwork and foundation work) during the dry season. All erosion control facilities shall be in place by October 15, or before the first rains - which ever comes first. All PHCMs shall be covered with tarps and elevated off the ground if rain is predicted.
2. Chemical Storage: Chemicals shall be stored in their original containers or in well-labeled, sealed containers in designated areas.
3. Drainage: PHCMs shall not be transported, applied, or washed within areas which drain to the City Storm Drain System.
4. Construction Equipment and Vehicles - Maintenance
  - a. Maintain all construction equipment to prevent oil or other fluid leaks.
  - b. Use drip pans for any oil or fluid changes that are required for maintenance of equipment. Keep vehicles and equipment clean. Do not allow excessive build-up of oil and grease.

- c. Use off-site repair shops as much as possible.
  - d. Always use secondary containment, such as a drain pans or drop cloths, to catch spills or leaks when removing or changing fluids.
  - e. Place stockpiled spill cleanup materials where they will be readily accessible. Regularly inspect on-site vehicles and equipment for leaks, and repair immediately. Check incoming vehicles and equipment (including delivery trucks, and employee and subcontractor vehicles) for leaking oil and fluids. Do not allow leaking vehicles or equipment on-site.
  - f. Segregate and recycle wastes, such as greases, used oil or oil filters, antifreeze, cleaning solutions, automotive batteries, and hydraulic and transmission fluids.
5. Construction Equipment and Vehicles – Fueling
- a. Use off site fueling stations as much as possible.
  - b. If fueling must occur on-site, use designated areas, located away from drainage. Locate on-site fuel storage tanks over a retention area designed to hold the total tank volume.
  - c. Cover the retention area with an impervious material and install it in a manner to ensure that any spills will be contained in the retention area.
  - d. Discourage "topping-off" of fuel tanks, as it frequently leads to fuel spillage.
  - e. Always use secondary containment, such as a drain pans or drop cloths, when fueling to catch spills/leaks.
  - f. Place stockpiled spill cleanup materials where they will be readily accessible.
  - g. Avoid mobile fueling of mobile construction equipment around the site; transport the equipment to designated fueling areas.
6. Construction equipment and Vehicles – Washing
- a. Use off-site commercial washing businesses as much as possible.
  - b. Washing vehicles and equipment outdoors or in areas where wash water flows onto paved surfaces or into drainage pathways can pollute storm water. If you wash a large number of vehicles or pieces of equipment, conduct this work at an off-site commercial facility.
  - c. Do not permit steam cleaning on-site. Steam cleaning can generate significant pollutant concentrations.
7. Construction Equipment and Vehicles – Storage
- a. Locate vehicle and equipment storage, cleaning, and maintenance areas in designated, confined areas. These areas should be located away from significant drainage courses.
  - b. Direct any concentrated storm water run-on/runoff around storage and service areas. Minimize contact of storm water and run-on/runoff with stored equipment by raising equipment on pallets or other similar devices.

8. Toxic Materials: Through proper material use, waste disposal, and training of employees, the discharge of toxic pollutants can be prevented. Such methods include the following:
  - a. Dispose of all wastes in accordance with Federal, State, and local regulations.
  - b. Use the entire product before disposing of the container.
  - c. Do not remove the container's original product label prior to disposal. It contains important safety and disposal information.
  - d. Do not clean out brushes or paint containers on dirt or into streets, gutters, storm drains, or streams. "Paint out" brushes as much as possible. Rinse water-based paints to the sanitary sewer. Filter and reuse thinners and solvents. Dispose of excess oil-based paints and sludge as hazardous waste.
  - e. Select and site designated hazardous waste storage areas.
  - f. Store hazardous materials and wastes in covered containers and protect from vandalism. Place hazardous material and waste containers in secondary containment.
  - g. Do not mix wastes. Mixing can cause chemical reactions, make recycling impossible, and complicate disposal.
  - h. Recycle any useful material such as oil or water-based paint. Provide a summary of available recycling and disposal services.
  - i. Make sure that toxic liquid wastes and chemicals are not disposed of in dumpsters designated for construction debris.
  - j. Arrange for regular waste collection before containers overflow.
  - k. Make sure that hazardous waste is collected, removed, and disposed of only at authorized disposal areas.

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION  
**ENCROACHMENT PERMIT**

TR-0120 (REV 6/2012)

|   |                                  |
|---|----------------------------------|
| Permit No.<br><b>04-17-N-MC-0670</b>              |                                  |
| Dist/Co/Rte/PM<br><b>04-SON-116-25.473-28.125</b> |                                  |
| DATE<br><b>February 7, 2019</b>                   |                                  |
| Fee Paid<br><b>\$Exempt</b>                       | Deposit<br><b>\$</b>             |
| Performance Bond Amount<br><b>\$</b>              | Payment Bond Amount<br><b>\$</b> |
| Bond Company                                      |                                  |
| Bond Number (1)                                   | Bond Number (2)                  |

In compliance with (Check one):

- Your application of April 4, 2017
- Utility Notice No. \_\_\_\_\_ of \_\_\_\_\_
- Agreement No. \_\_\_\_\_ of \_\_\_\_\_
- R/W Contract No. \_\_\_\_\_ of \_\_\_\_\_

TO:  City of Sebastopol  
 714 Johnson Street  
 Sebastopol, CA 95472

Email: hmikus@cityofsebastopol.org  
 Attn: Henry Mikus  
 Phone: (707) 823-2151

**PERMITTEE**

and subject to the following, **PERMISSION IS HEREBY GRANTED** to:

Construct ADA ramp improvements as shown in the plans on State Highway 04-SON-116, Post Miles 25.473-28.125, in the City of Sebastopol, Sonoma County.

A minimum of one week before the start of work under this permit, a notice must be given to and advance approval of construction detail, operations, public safety and traffic control must be obtained from State Representative Augusto Lumba, 1009 Clegg Court, Suite D, Petaluma, CA 94954, [augusto.lumba@dot.ca.gov](mailto:augusto.lumba@dot.ca.gov) or (510) 393-5769, weekdays between 7:30 AM and 4:15 PM, except holidays.

All permitted work requires the permittee to apply for and obtain a work authorization number prior to start of work. See the attached "Encroachment Permit Project Work Scheduling Procedures" and the attached "Permit Project Work Scheduling Request Form." Additional time beyond the minimum seven-day advanced notice required in the above paragraph may be required for obtaining approval.

**THIS PERMIT IS NOT A PROPERTY RIGHT AND DOES NOT TRANSFER WITH THE PROPERTY TO A NEW OWNER.**

The following attachments are also included as part of this permit (Check applicable):

- Yes  No General Provisions (TR-0045)
- Yes  No Utility Maintenance Provisions \_\_\_\_\_
- Yes  No Special Provisions \_\_\_\_\_
- Yes  No A Cal-OSHA permit, if required: Permit No. \_\_\_\_\_
- Yes  No As-Built Plans Submittal Route Slip for Locally Advertised Projects
- Yes  No Water Pollution Control Documents (SWPPP/WPCP)

In addition to fee, the permittee will be billed actual costs for:

- Yes  No Review
- Yes  No Inspection
- Yes \_\_\_\_\_ Field Work

(If any Caltrans effort expended)

Yes  No The information in the environmental documentation has been reviewed and considered prior to approval of this permit.

This permit is void unless the work is completed before December 31, 2019

This permit is to be strictly construed and no other work other than specifically mentioned is hereby authorized. No project work shall be commenced until all other necessary permits and environmental clearances have been obtained.

RF

c: Augusto Lumba, [augusto.lumba@dot.ca.gov](mailto:augusto.lumba@dot.ca.gov), Field Inspector  
 John Favors, [john.s.favors@dot.ca.gov](mailto:john.s.favors@dot.ca.gov), DTM  
 Will Hauke, [will.hauke@dot.ca.gov](mailto:will.hauke@dot.ca.gov), Maintenance  
 D4 TMC, [D4.TMC@dot.ca.gov](mailto:D4.TMC@dot.ca.gov)

APPROVED:  
**DAVID SALLADAY, District Permit Engineer**

BY:  
  
**CHRIS MASTER, Senior Permit Engineer**

**ADA Notice** For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

A pre-job meeting with the State Representative is required at least 7 days prior to the start of any work under this permit. Failure to do so may result in permit revocation with no prejudice.

The permittee must provide the stage construction plans, traffic handling plans, work schedule, and a list of all sub-contractors to the State Representative at the time of the pre-job meeting.

In addition to the attached General Provisions (TR-0045), the following special provisions are applicable:

Notwithstanding General Provision 35, lane closures and other activities that may cause a traffic impact requires the permittee to apply for and obtain a closure ID prior to the start of work. Requests must be submitted using the attached "Encroachment Permit Work Scheduling Request Form".

Notwithstanding General Provision 4, construction must not begin until the contractor performing the work applies for and obtains a separate encroachment permit (referred to as a Double Permit) for the work authorized herein. An initial fee/deposit of \$492.00 is required at the time of application for permit processing and inspection. Additional inspection hours will be charged at the current State hourly rate.

On conventional highways, permittee's vehicles and equipment not involved in the permitted activities must be legally located outside the freeway right-of-way.

No vehicle or equipment must be stored overnight within the State right-of-way; it must be removed immediately at the completion of the day's work. Refueling of vehicle or equipment within the State right-of-way is strictly prohibited.

Temporary pedestrian facilities must comply with the Caltrans Temporary Pedestrian Facilities Handbook (available at [http://www.dot.ca.gov/hq/construc/safety/Temporary\\_Pedestrian\\_Facilities\\_Handbook.pdf](http://www.dot.ca.gov/hq/construc/safety/Temporary_Pedestrian_Facilities_Handbook.pdf)), and the California MUTCD Part 6, Chapter 6D – "Pedestrian and Worker Safety" (available at <http://www.dot.ca.gov/trafficops/camutcd/>).

Notwithstanding General Provision 13, temporary pedestrian access routes must comply with the 2018 Caltrans Standard Plans T30 through T34 (available at <http://www.dot.ca.gov/des/oe/construction-contract-standards.html>).

The permittee shall comply with the code of safe practices (available at [http://www.dot.ca.gov/hq/construc/publications/code\\_of\\_safe\\_practices.pdf](http://www.dot.ca.gov/hq/construc/publications/code_of_safe_practices.pdf)), when working within the State right-of-way.

Temporary traffic control, including flagging, apparel, temporary traffic control devices, and equipment for flaggers, must comply with the California MUTCD, Part 6, "Temporary Traffic Control" (available at <http://www.dot.ca.gov/trafficops/camutcd/>).

Traffic control must comply with the 2018 Caltrans Standard Plans T9 through T14 (available at <http://www.dot.ca.gov/des/oe/construction-contract-standards.html>).

Traffic control is authorized only from 9 a.m. to 3 p.m., Monday through Friday, excluding holidays as defined in the 2018 Caltrans Standard Specifications (available at <http://www.dot.ca.gov/des/oe/construction-contract-standards.html>).

Except for installing, maintaining and removing traffic control devices, any work encroaching within 3 feet of the edge of a travel lane for areas with a posted speed limit below 45mph, or 6 feet of the edge of a travel lane, for areas with a speed limit posted at 45mph or higher, requires closing of that travel lane. Any work encroaching within 6 feet of the edge of the shoulder, requires closing of that shoulder.

Curbs and sidewalks must be saw cut to the nearest score mark and replaced equal in dimension to that removed with score marks matching existing adjacent curb and sidewalk.

Curbs and adjacent pavement must be saw cut to a neat line prior to excavating and forming. Pavement must be replaced in kind and must conform to lip of new gutter.

Curbs and gutters must conform to the 2018 Caltrans Standard Plan A87A, Type A2-6, (available at <http://www.dot.ca.gov/des/oe/construction-contract-standards.html>) unless necessary to conform to existing adjacent curb and gutter installations.

Curbs and gutters must be placed over 6 inches of Class II Aggregate Base. Sidewalks must be a minimum 4 inches PCC placed over 3 inches of Class II Aggregate Base.

A monolithic pour of curb and sidewalk is not permitted.

Drainage inlet grates must conform to the 2018 Caltrans Standard Plans D77A and D77B (available at <http://www.dot.ca.gov/des/oe/construction-contract-standards.html>).

Utility pull boxes, manholes, vaults, and other utility facilities must be adjusted to grade.

Upon completion of work authorized by this encroachment permit, the permittee must provide the State Representative with a post-construction "Certification of Compliance with Americans with Disabilities Act (ADA)" (TR-0405) (available at [http://www.dot.ca.gov/trafficops/ep/docs/Appendix\\_D\\_\(WEB\).pdf](http://www.dot.ca.gov/trafficops/ep/docs/Appendix_D_(WEB).pdf)), stamped and signed by a California Licensed Professional Engineer or Architect.

Upon completion of work authorized by this encroachment permit, the permittee must provide the State Representative with As-Built plans, in accordance with General Provision 22.

If a time extension is necessary, a request including the accompanying attachments must be made a minimum of 2 weeks prior to the expiration date stated on face of this permit. If work has not been started before the expiration date, the permit will be voided. Failure to comply with conditions stated within permit will jeopardize future permit privileges.

The State Representative or CHP may stop work that is not being performed in strict compliance with the conditions of this permit.