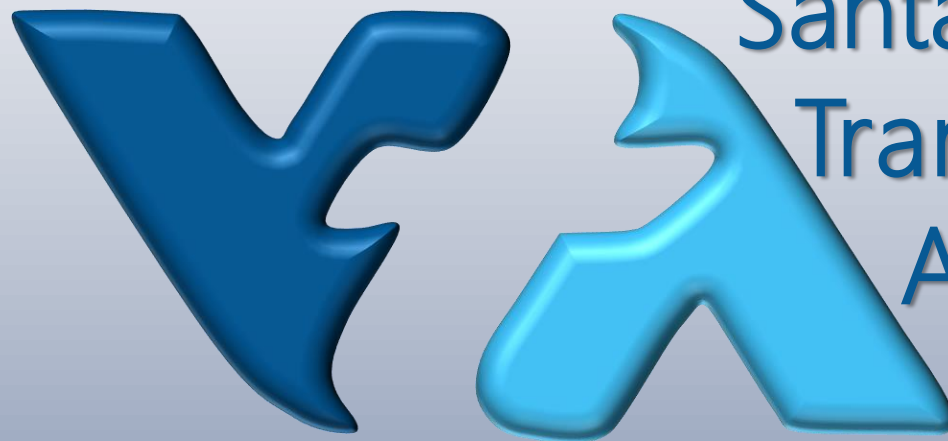


# Welcome

to



Santa Clara Valley  
Transportation  
Authority

*Solutions that move you*

**Pre-Bid Meeting**

for

**US 101/BLOSSOM HILL ROAD INTERCHANGE  
IMPROVEMENT**

This conference will last approximately  
60 minutes

# ➤ Objective & Activities



## OBJECTIVE

- ✓ It is aimed by this Pre-Bid Meeting to guide Bidders through the Bid Documents to clearly understand the scope of work, and to know how to submit a “Responsive Bid”.
- ✓ Attendance of this conference is not mandatory but highly recommended.

## ACTIVITY: Pre-Bid Meeting

- ✓ Contract C20004
- ✓ US 101/Blossom Hill Road Interchange Improvement

## ACTIVITY: Site Visit

- ✓ No site tour will be held following this Pre-Bid Meeting.

# ➤ Agenda of Meeting



Topics	Speaker Person	Time
Please introduce yourself	All Attendees	2 Minutes
Become a Vendor	Ehab Azab	2 Minutes
VTA Point of Contact	Ehab Azab	1 Minute
Contractual Requirements	Ehab Azab	15 Minutes
Risk Management	Ehab Azab	5 Minutes
Business Diversity	Jennifer Mena	5 Minutes
Contract Compliance	Remi Awosanya	5 Minutes
Project Details	Zahir Gulzadah & Bill Wagner	20 Minutes
Question & Answer	VTA Team	5 Minutes

# ➤ Introduction



Please ...



Either by using the attached Sign-in sheet, text the following information herein chat box (ALL IN ONE MESSAGE), or email this information to [ehab.azab@vta.org](mailto:ehab.azab@vta.org)

- 1) Your Company Name,
- 2) First Name and Last Name,
- 3) Designation,
- 4) Email ID, and
- 5) Phone #



Agenda

# ➤ Become a Vendor



Sample

Step 1: Visit [www.vta.org](https://www.vta.org).

Step 2: Scroll all the way down and click Business Center.

Step 3: Click View Solicitations.

Step 4: Click Project Name.

Step 5: Register or Log-in to download.



Agenda



Solutions that move you

# ➤ VTA Point of Contact



Name

- Ehab Azab

Designation

- Construction Contracts Administrator II

Email

- [ehab.azab@vta.org](mailto:ehab.azab@vta.org) (Fastest way)

Phone

- (408) 321-5835

Fax

- (408) 955 9729

Mailing Address

- 3331 North First Street, VTA Building A,  
San Jose, CA 95134-1927



# ➤ Contractual Requirement



## LIST OF PRE-QUALIFIED CONTRACTORS

- ✓ Bay Cities Paving & Grading, Inc.,
- ✓ De Silva Gates Construction,
- ✓ Ghilotti Construction Co.,
- ✓ OC Jones & Sons Inc., and
- ✓ Walsh Construction Company II, LLC.

**Note:** The current complete list of pre-qualified construction contractors can be found at:

<https://www.vta.org/prequalified-contractors>

## PREQUALIFICATION APPLICATIONS UNDER REVIEW

- ✓ Granite Rock Company,
- ✓ MCM Construction, Inc., and
- ✓ OHL USA, Inc. dba Group OHL North America



# ➤ Contractual Requirement



## CLARIFICATIONS

- As per Section 1.11: The deadline for submitting inquiries will **Thursday May 21, 2020** at **2:00PM**, being five (5) working days before Bid Opening date, considering Memorial day on May 25, 2020.

## SUBMISSION OF BID

- Bring Bids to Lobby of **Building A**
- It is recommended that Bids Are **Hand-carried**
- Make sure it is **date and time –stamped**
- Bid Forms that are not **legible** will be considered Non-Responsive

## Engineer's Estimate

- The Engineer's Estimate for this Work ranges from **\$25 Million to \$30 Million.**

# ➤ Contractual Requirement



## CONTRACT DURATION

- **1145 calendar days including 1 year plant Establishment Period**, commencing on the **35<sup>th</sup>** calendar day following issuance of the Notice of Award.

## LIQUIDATED DAMAGES

- **\$5,500** per calendar day for each and every day beyond the time specified in Section 6.4. "Time for Performance". Please refer to Section 6.5. for more details

## SBE GOAL

- An **8.99%** Small Business Enterprise ("**SBE**") participation goal has been established for this Contract.
- A following Topic will elaborate more on this.

# ➤ Contractual Requirement



## LICENSE

Contractor must, **at the time of Bid Opening**, possess current licenses in the following classifications issued by the California Department of Consumer Affairs, Contractors State License Board:

- **Class A (General Engineering)**
- **HAZ (Hazardous Substance Removal Certification)**

A combination of prime contractor and subcontractor licenses is acceptable only when (a) each such subcontractor's scope of work is identified in Bid Form #3 (regardless of the subcontractor's tier or subcontract amount); and (b) each such subcontractor possesses the identified license at the time stated above.

# ➤ Contractual Requirement



## BID FORMS

- **Bid Form 1**: Bid Form, Schedule of Quantities and Prices, Contractor Information (use latest Bid Form 1 provided under Addendum 3)
- **Bid Form 2**: Bidder's Bond (Form must be acknowledged by a Notary)
- **Bid Form 3**: Designation of Subcontractors
- **Bid Form 4**: Listing of SBE Contractor or Subcontractors
- **Bid Form 5\***: Supplemental Contractor and Subcontractor Information
- **Bid Form 6**: Litigation Disclosure
- **Bid Form 8**: Non-Collusion Declaration
- **Bid Form 9**: Public Contract Code Statements
- **Bid Form 10**: References and Previous Experiences

# ➤ Contractual Requirement



## BID FORMS

- Notes:
- \* Bid Form 5 and Good Faith Efforts Documentation are to be submitted no later than 5 PM on the 2nd working day after the Bid Opening.
- Bid Forms 7: is “Not Applicable”

# ➤ Contractual Requirement



US 101/Blossom Hill Road Interchange Improvement  
Contract C20004

FROM: \_\_\_\_\_

TO: \_\_\_\_\_

In compliance with the contract documents, the Bidder certifies that he/she is familiar with the terms and conditions of the Contract Documents, he/she will perform fully the Work within the time specified and in strict accordance with the Contract Documents.

The Bidder hereby acknowledges receipt of the following addenda to the Contract Documents:

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

Addendum No. \_\_\_\_\_ Dated \_\_\_\_\_

FAILURE TO ACKNOWLEDGE RECEIPT OF ALL ADDENDA MAY CAUSE THE BIDDER TO BE UNRESPONSIVE. BIDDER CERTIFIES THAT IT HAS READ AND UNDERSTANDS ALL CONTRACT DOCUMENTS AND ADDENDA AND THE MEANING, PURPOSE AND INTENT OF EVERY PROVISION THEREOF.

Bidder hereby incorporates by reference all provisions of the Contract Documents.

Santa Clara Valley Transportation Authority  
Rev. 01/01/20

**Attention**  
Make sure to acknowledge receipt of Addenda

**Attention**  
• Minimum Bid

2	SC-6.21	PROGRESS SCHEDULE (CRITICAL PATH METHOD) (MINIMUM BID \$50,000)	1	LS
3	SC-6.26	QUALITY ASSURANCE PROGRAM <del>(MINIMUM BID \$5,000)</del> Deleted via Addendum #3	1	LS
31	SS-13	STREET SWEEPING (MINIMUM BID \$50,000)	1	LS
167	TS-10	COORDINATION WITH PG&E FOR CITY LIGHTING SERVICE NEAR COYOTE ROAD (MINIMUM BID \$5,000)	1	LS
3	SC-6.26	QUALITY ASSURANCE PROGRAM (MINIMUM BID \$5,000)	1	LS



# ➤ Contractual Requirement



Item	Reference	Description	Est. Qty.	Units	Unit Price	Total
<b>A. First Year</b>						
A.1					Arithmetically corrected 2,006	48,144 <del>48,137</del>
A.2					ected 337	21,392 <del>21,394</del>
A.3					ed 29	34,254 <del>34,251</del>
A.4					corrected ach 3	14,776 <del>14,777</del>
A.5			3	Each	Arithmetically corrected 5,709	17,127 <del>17,126</del>
A.6					Arithmetically corrected 7,388	7,388 <del>7,389</del>
A.7						
A.8						
A.9						
A.10						
A.11						\$132,000
SUM A: Total First Year carried over to Grand Summary						\$ 410,976

**Attention**  
Always double check the math!

**Attention**  
Section 2.3.2

## 2.3.2. Notice of Award

After Bids are opened at the time and place stipulated, the Contract will be awarded to the lowest responsive and responsible Bidder ("Successful Bidder"), based on the "Total Bid Price" (as defined in Section 2.5 Definitions) subject to VTA's right to reject any or all Bids. No Bidder may withdraw its Bid for the period of days stipulated on the Bid Form after the date set for the Bid Opening. The Bid shall be subject to acceptance by VTA during this period.



Agenda

# ➤ Contractual Requirement

## BID FORM 2 BIDDER'S BOND

### Attention

Section 3.10.2 Bid Security Form/  
Bidder's Bond.

KNOW ALL PEOPLE BY THESE PRESENTS: That

**WHEREAS** the undersigned, \_\_\_\_\_

as Principal and \_\_\_\_\_

as Surety, are held and firmly bound unto the Santa Clara Valley Transportation Authority, a political subdivision of the State of California (hereinafter called "VTA") in the penal sum of **5% of the Total Bid Price** (as defined in **Section 2.5 Definitions**) of the Principal above named, submitted by said Principal to VTA for the work described below, for the payment of the money of the United States, well and truly to be made, we bind ourselves, our heirs, assigns and successors, jointly and severally, firmly by these presents.

### Attention

Bidder's Bond 5% of  
the Total Bid Price.



# ➤ Contractual Requirement



US 101/Blossom Hill Road Interchange Improvement  
Contract C20004

**Attention**  
Section 1.5  
“License”

## **BID FORM 3** **DESIGNATION OF SUBCONTRACTORS**

### IMPORTANT INFORMATION

Bidder shall completely fill in the form below for each proposed subcontract in excess of one-half of 1 percent of Bidder's Total Bid Price, or in Bids for the construction of streets, highways, including bridges, in excess of one-half of 1 percent of the Bidder's Total Bid Price or \$10,000, whichever is greater, to comply with the contract under the State of California, Sections 4100-4114.

Additionally, Bidder shall list all subcontractors (regardless of contractor's tier or subcontract amount) needed to show compliance with the license requirements.

**Attention**  
Bidder is advised to list all subs of any tiers needed to meet the license requirements stated in Section 1.5 “License” even if the one-half of 1 present of the subcontract amount is less than \$10,000.

# ➤ Contractual Requirement



## BID FORM 4

### LISTING OF SBE/DBE CONTRACTOR OR SUBCONTRACTORS

This form must be submitted with the Bid. Refer to instructions on Page 2 of this form when filling out this form.

#### A. ENTER PRIME BIDDER INFORMATION

1. Bidder Name:	_____	6. Email:	_____
2. Street Address:	_____	7. Preparer's Name:	_____
3. City, State, ZIP:	_____	8. Preparer's Title:	_____
4. Phone #:	_____	9. Signature:	_____
5. Fax #:	_____	10. Date:	_____

Attention  
Bid Form 4

#### B. LIST SBE/DBE CONTRACTOR AND SUBCONTRACTORS:

ENTERPRISE NAME (Column1)	ENTERPRISE NAICS CODE (Column2)	SBE/DBE (Column3)	CERTIFICATION NUMBER (Column4)	SUBCONTRACT /PO \$ AMOUNT (Column5)
_____	_____	<input type="checkbox"/> SBE <input type="checkbox"/> DBE	_____	\$ _____
_____	_____	<input type="checkbox"/> SBE <input type="checkbox"/> DBE	_____	\$ _____
_____	_____	<input type="checkbox"/> SBE <input type="checkbox"/> DBE	_____	\$ _____
_____	_____	<input type="checkbox"/> SBE <input type="checkbox"/> DBE	_____	\$ _____
_____	_____	<input type="checkbox"/> SBE <input type="checkbox"/> DBE	_____	\$ _____

11. Bidder  has,  has not (check one box) met SBE/DBE Participation Goal.

#### C. SUBMISSION OF GOOD FAITH EFFORT (GFE) DOCUMENTATION:

GFE documentation is required if Bidder's Goal Achieved is less than Participation Goal. Refer to the Section 13.7 Good Faith Effort for documentation to provide.

#### FOR VTA USE ONLY – BIDDER SHOULD NOT COMPLETE THIS SECTION

VTA OBDP certifies that all Business Enterprise certifications are valid and information on this form is complete and accurate.

Signature:	_____
Printed Name/Title:	_____
Phone #:	_____
Date Signed:	_____

# ➤ Contractual Requirement



## CONTRACT FORM 5 SUPPLEMENTAL CONTRACTOR and SUBCONTRACTOR INFORMATION

1. **INSTRUCTION TO CONTRACTOR:** This form must be filled out by the Contractor and their subcontractors. Contractors, please copy this form distribute to all your subcontractors. Contractor must complete and sign all the forms, including subcontractor forms in Section D below and submit the information to the VTA Contract Administrator for this contract.

### A. ENTER CONTRACTOR/SUBCONTRACTOR INFORMATION

1. Firm Name: \_\_\_\_\_

2. Street Address: \_\_\_\_\_

3. City, State, ZIP: \_\_\_\_\_

4. Phone #: (    ) \_\_\_\_\_

5. Email: \_\_\_\_\_

### B. FIRM DEMOGRAPHICS

6. Check all that apply:

DBE

SBE

Non-SBE/Non-DBE

MWBE

DVBE

LGBTBE

7. Ethnicity

Asian

Subcontinent Asian

Native American

Black

Hispanic

Caucasian

Other \_\_\_\_\_

8. Age of Firm: \_\_\_\_\_

9. Gender

Male

Female

Attention  
Bid Form 5

**Note:** Contractor and its subcontractors must be registered with the Department of Industrial Relations (DIR) at the time of Bid Opening.

Bid Form 5 is required for Prime contractor and all subcontractors.

15. If yes, enter the dollar value of this subcontract or purchase: \$ \_\_\_\_\_

# Contractual Requirement



US 101 – SR 85 EXPRESS LANES (PHASE 3)  
CONTRACT C18081

### INSTRUCTIONS FOR BID FORM 4

Refer to these instructions when filling out Bid Form 4 or the Bid may be rejected.

**IMPORTANT:** Identify all SBE firms being claimed for credit, regardless of tier. Names of the First Tier SBE Subcontractors and their respective items(s) of work listed above must be consistent, where applicable, with the names and items of the work in the Bid Form 4a "Supplemental Contractor and Subcontractor Information". The preparer indicated in Part A is providing written confirmation of each listed SBE.

#### PART A: ENTER CONTRACTOR INFORMATION

- Box 1: Name of firm (Prime Contractor) submitting Bid.  
Box 2 and 3: Address of firm.  
Box 4 and 5: Phone number of individual submitting the Bid; Fax number of firm  
Box 6: Email of individual submitting the Bid  
Box 7, 8 and 9: Printed name and title and signature of individual preparing this bid for  
Box 10: Enter age of firm  
Box 11: Indicate if the Firm (Prime contractor) is a Small Business Enterprise.  
Box 12: VTA will enter the SBE Participation Goal – the contract goal which is the  
Box 13: Enter Bid Amount representing Base Contract Amount as provided in B

#### PART B: LIST SBE CONTRACTOR AND SUBCONTRACTORS

- Column 1: Bid Item: Enter bid item number for work, services, or materials to  
Column 2: Description: Enter description of work, services, or materials to be  
• Indicate all work to be performed by SBEs including work performed by the prime is a SBE.  
• If 100% of the item is not to be performed or furnished by the SBE. See Appendix C Business Diversity Policy and Requirements to determine how to count the participation of SBE firms. A summary of that information is also above  
**CREDIT FOR SBE VENDOR** of materials or supplies is limited to amount performed by the SBE vendor and obtained from a SBE regular dealer. Credit is only where the SBE vendor manufactures or substantially alters the materials or supplies.  
**CREDIT FOR SBE BROKERS** (Distributor or Representative) is limited to amount performed by the SBE broker. SBE brokers receive 100% credit, less work subcontracted by the SBE.  
**CREDIT FOR SBE TRUCKING FIRMS** is limited to amount performed by SBE trucking subhaulers. A SBE trucking firm must itself own a truck used on the Contract.  
Columns 3 and 4: Enter certification number and agency certifying the SBE. A SBE may be certified by the California Business Diversity Program (OBDP) or SBEs/DBEs certified with the California Business Diversity Program (OBDP) or SBEs/DBEs certified with the California Business Diversity Program (OBDP) at the time of Bid.  
Column 5: Enter name and address of the certified SBE subcontractor. Also, enter the prime contractor name and address of the certified SBE subcontractor.  
Column 6: Enter the subcontracted dollar amount of the work to be performed or service to be provided. See Appendix C Business Diversity Policy and Requirements to determine how to count the participation of SBE/DBE firms. A summary of that information is also above  
Box 14: Box 14 is the sum of the values in column 6.  
Box 15: Calculate the SBE Goal Achieved. This percentage must equal or exceed the SBE Participation Goal amount written in Box 12. In the event of arithmetic error in the total bid amount, then Box 15 will be revised. The successful Bidder's SBE Goal Achieved equates to the Contractor's committed SBE goal.

#### PART C: GOOD FAITH EFFORT

- Box 16: Check Box 16 if insufficient SBE Participation has been achieved and a good faith effort is required. Refer to the contract Section 7.0 General Conditions, 13.7 Good Faith Effort for documentation to provide.

#### PART D: LIST TOTALS OF CONTRACTOR AND SUBCONTRACTORS

- Line 1: Enter the total dollar amount of all subcontracted contractors. SUM = [SBEs + all Non-SBEs]. Do not include the prime contractor information in this count.  
Line 2: Enter the total number of all subcontracted contractors. SUM = [SBEs + all Non-SBEs]. Do not include the prime contractor information in this count.

US 101 – SR 85 EXPRESS LANES (PHASE 3)  
CONTRACT C18081

### INSTRUCTIONS FOR BID FORM 5

Refer to these instructions when filling out Bid Form 5.

The subcontractor or contractor filling out this form will fill out Part A to Part D. The form is then finalized by the Prime Firm (Bidder) by completing Part E. The Prime Firm (Bidder) will then submit all the forms to VTA in accordance with the instructions provided in the Bid documents.

#### PART A: ENTER PROJECT INFORMATION

- Contract name for which this form is being filled out.  
Contract number for which this form is being filled out.  
**CONTRACTOR INFORMATION**  
Contractor name, address, phone number, California State License Board Number (if not listed in Bid Form 3).  
Contractor name, address, phone number, California State License Board Number (if not listed in Bid Form 3).

#### PRIME FIRM/SUBCONTRACTOR LISTED ABOVE

- Indicate if checked for SBE (Small Business Enterprise), DBE (Disadvantaged Business Enterprise), or Diversity Programs Business Enterprise, the firm must be certified. Refer to contract documents for certification information about certification.  
Indicate bracket of income.  
Indicate ethnicity. If "Other", please enter information in space provided.  
Name of the individual who provided the information in Parts A to C.  
Address of the individual who provided the information in Parts A to C.  
**PRIME FIRM (BIDDER)**  
Enter prime firm (bidder) name.  
Box 18: Answer the yes/no question.  
Box 19: If entered yes to Box 18, enter the dollar value of this subcontract or purchase.  
Box 20: Enter the description of the firm's work for the firm identified under B to C.

Attention

Instructions on the back side of Bid Forms 4&5 will guide you to fill the Forms

# ➤ Contractual Requirement



## Certificate of Compliance with Section 49 USC 5323(j)(1)

PLEASE CHECK ONLY ONE BOX.

- The Bidder hereby certifies that it will meet the requirements in 49 CFR part 661.5.
- The Bidder hereby certifies that it will meet the requirements in 49 CFR part 661.7.

(BIDDER'S EXECUTION ON THE SIGNATURE OF THE BIDDER OR EXECUTION OF THOSE CERTIFICATIONS)

Bidder,  The proposed subcontractor

participated in a previous contract or subcontract subject to the equal opportunity clauses, as required by Executive Order 12813, signed by the President of the United States, and the Joint Reporting Committee, the Director of

### C. CALIFORNIA CONTRACTOR'S LICENSE

Number: \_\_\_\_\_  
 Class: \_\_\_\_\_  
 Expires: \_\_\_\_\_

### D. BIDDER INFORMATION

Is this firm at least 51% owned by minorities or women?	<input type="checkbox"/> Yes <input type="checkbox"/> No (check one)
If yes, check the following primary ownership group:	<input type="checkbox"/> Asian Pacific <input type="checkbox"/> Asian Indian <input type="checkbox"/> Native American
	<input type="checkbox"/> Black <input type="checkbox"/> Hispanic <input type="checkbox"/> Caucasian <input type="checkbox"/> Other _____
Check gender of owner(s):	<input type="checkbox"/> Male <input type="checkbox"/> Female

### SIGN AND DATE

The person signing this Bid Form 6 for the Bidder certifies that he or she is authorized to sign on behalf of the Bidder, and that the Bidder is bound contractually by that signature.

Signature: \_\_\_\_\_  
 Name (print): \_\_\_\_\_  
 Title: \_\_\_\_\_  
 Date: \_\_\_\_\_

### REFERENCE 1

Owner Agency/Firm Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 Contact Name for Owner \_\_\_\_\_  
 Dollar Value of \_\_\_\_\_

correct and that this declaration is executed on this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_  
 at \_\_\_\_\_, \_\_\_\_\_  
 (CITY) (STATE)

Yes  No

If there are any exceptions to this certification, insert the exceptions in the following space.

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

has  has not



# ➤ Contractual Requirement



## CONTRACT FORMS

- Contract Form #1: Construction Agreement \*
- Contract Form #2: Performance Bond \*
- Contract Form #3: Payment Bond \*
- Contract Form #4: Listing of Subcontractors, Suppliers and Subconsultants
- Contract Form #5 : Designation of Authorized Representative
- **Notes:**
- Contract Forms are not required at the time of Bid.
- \* Form must be acknowledged by a Notary.

# ➤ Contractual Requirement



US 101/Blossom Hill Road Interchange Improvement  
Contract C20004

## CONTRACT FORM 1 CONSTRUCTION AGREEMENT

This Construction Agreement ("Agreement") is entered into between the Santa Clara Valley Transportation Authority ("VTA") and

**INSERT SUCCESSFUL BIDDER'S COMPANY NAME**

("Contractor") as of the date set out below. VTA and Contractor agree as follows:

1. **Scope of Work.** Contractor shall perform the Work as described in

**US 101/BLOSSOM HILL ROAD INTERCHANGE IMPROVEMENT  
CONTRACT C20004**

in a satisfactory and workmanlike manner and in accordance with the provisions of the Contract Documents.

2. **Compensation.** Full compensation to Contractor for the Work and satisfactory performance of the Work under the Contract and all provisions of the Contract Documents, and for Contractor's payment of all obligations incurred to others in performance of the Work, is the Total Contract Price (as defined in Contract **Section 2.5 Definitions**) of **\$ INSERT TOTAL CONTRACT PRICE**, as this amount may be adjusted in accordance with other provisions of the Contract. **All costs for Work shown or indicated in the Contract Documents, even if not specifically provided for by a Bid item in the Schedule of Quantities and Prices shall be included in the Total Contract Price per Contract Section 7.59 Progress Payments.**



Agenda

# ➤ Risk Management



## INSURANCE REQUIREMENTS (Appendix A)

- **General Liability: \$50M** (including umbrella/excess liability)
  - \$2M must be the GL primary policy limit per occurrence
- **Automobile: \$10M** (including umbrella/excess liability)
  - \$2M must be the Auto primary policy limit per occurrence
- **Workers' Compensation: \$1M** per accident.
- **Contractor's Pollution Liability: \$5M** per occurrence
- **Umbrella Policies**: if used, must have Drop Down and Follow Form provisions, and effective date concurrent with underlying policies



# ➤ Risk Management



## INSURANCE REQUIREMENTS (Appendix A)

- **Insurance Certificate:**

- Must refer to contract number C2004 in the Description of Operations box
- Must include copies of all endorsements required by Appendix A
- Must disclose all deductibles or self-insured retentions
- Deductibles greater than \$50K must be approved by VTA based on Contractor's financials (submit last three years' Income Statement & Balance Sheet)
- Any exceptions to Appendix A must be submitted with IFB response
- Insurance must be in place and approved by VTA prior to contract Notice To Proceed (NTP)
- Renewal certificates must be submitted to VTA no later than expiration date of any line of insurance, including all required endorsements (Waiver of Subrogation, Separation of Insureds, Drop-Down coverage, etc.)

# ➤ Business Diversity



## BUSINESS DIVERSITY

- Small Business Enterprise (SBE) Goal: 8.99%
- Acceptable SBE Registries:  
[http://www.vta.org/about-us/doing-business-with-vta-searchfor-sbes.](http://www.vta.org/about-us/doing-business-with-vta-searchfor-sbes)  
[http://www.vta.org/About-Us/Inside-VTA/Small-Business-Enterprise-Program.](http://www.vta.org/About-Us/Inside-VTA/Small-Business-Enterprise-Program)
- Counting SBE Participation toward the Goal (Appendix C)
- Bid Form 5 and Good Faith Efforts Documentation are to be submitted no later than 5 PM on the 2nd working day after the Bid Opening
- Business Diversity Programs Phone: (408) 321-5962

# ➤ Contract Compliance



## CONTRACT COMPLIANCE

### **A: SECTION 3.5 PREVAILING WAGE REQUIREMENT**

- Prime Contractor and Subcontractors must be registered with CA Dept. of Industrial Relations (DIR). All licenses must be current.
- This contract is subject to payment of wages on all covered work working on site in accordance with the General Prevailing Wage Rate published by the following:
  - CA DIR Wage Determination Weblink-  
<https://www.dir.ca.gov/oprl/DPreWageDetermination.htm>
  - Take note of Pre-Determined Increases on crafts with (\*\*)

# ➤ Contract Compliance



## CONTRACT COMPLIANCE

### **B: SECTION 6.7: PERMITS, FEES & INSPECTION**

- Contractor shall apply for the Caltrans Construction Encroachment Permit.
- Provide required documents stated on Section 6.7.1 items 1 to 6 as required

### **C: SECTION 6.14; SAFETY PRECAUTIONS, PROGRAMS AND FIRST AID REQUIREMENTS**

- Assign worksite Safety Officer
- Comply with State, Federal and local regulations regarding safety
- Injury and Illness Prevention Program ( IIPP)

# ➤ Contract Compliance



## CONTRACT COMPLIANCE

### **D: GC 7.58: CERTIFIED PAYROLL**

- Prime Contractor and all subcontractors are required to submit CPR's including related documents in LCP Tracker.
- Uploaded CPR in LCP Tracker must be exported to CA DIR website in compliance to SB 854 law. DIR Project ID number to be provided by VTA.
- Apprentices must be CA DAS registered

### **E: GC 7.59: PROGRESS PAYMENT**

- Waivers (Conditional and Unconditional)
- Retention: 5% on each progress payment.

### **F: REFERENCES**

- Appendix G – Storm Water Pollution Prevention Plan

**STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION**

**PROJECT PLANS FOR CONSTRUCTION ON  
STATE HIGHWAY  
IN SANTA CLARA COUNTY  
IN SAN JOSE  
AT ROUTE 101  
BLOSSOM HILL ROAD INTERCHANGE**

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SCI	101	R28.4/R28.9	1	345



**BID SUBMITTAL  
MARCH 6, 2020**

**SHEET No.**

**INDEX OF PLANS**

**DESCRIPTION**

1 TITLE AND LOCATION MAP

2 TYPICAL CROSS SECTIONS

3 KEY MAP AND LINE INDEX

4 PROJECT CONTROL LAYOUT

5 PROFILE AND SUPERELEVATION DIAGRAM

6 PROTECTION DETAILS

7 TEMPORARY WATER POLLUTION CONTROL PLAN

8 TEMPORARY WATER POLLUTION CONTROL DETAILS

9 CONTOUR GRADING

10 DRAINAGE PLAN

11 DRAINAGE PROFILES

12 DRAINAGE DETAILS

13 DRAINAGE QUANTITIES

14 SANITARY SEWER PLAN

15 UTILITY PLAN

16 CONSTRUCTION AREA SIGNS

17 STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN

18 TRAFFIC HANDLING QUANTITIES

19 PAVEMENT PLAN

20 PAVEMENT DELINEATION PLAN

21 PAVEMENT DELINEATION QUANTITIES

22 SIGN PLAN

23 SIGN DETAILS

24 SIGN QUANTITIES

25 SUMMARY OF QUANTITIES

26 SOUND WALL PLAN No. 1

27 IRRIGATION SPROKLER SCHEDULE

28 IRRIGATION PLAN

29 IRRIGATION DETAILS

30 IRRIGATION QUANTITIES

31 PLANT LIST

32 PLANTING PLAN

33 PLANTING DETAILS

34 ROADWAY CONTROL SIGNAL, LIGHTING AND ELECTRICAL SYSTEMS

**STRUCTURE PLANS**

241-266 ① BLOSSOM HILL Rd OC (WIDEN) (Br. No. 37-0348)

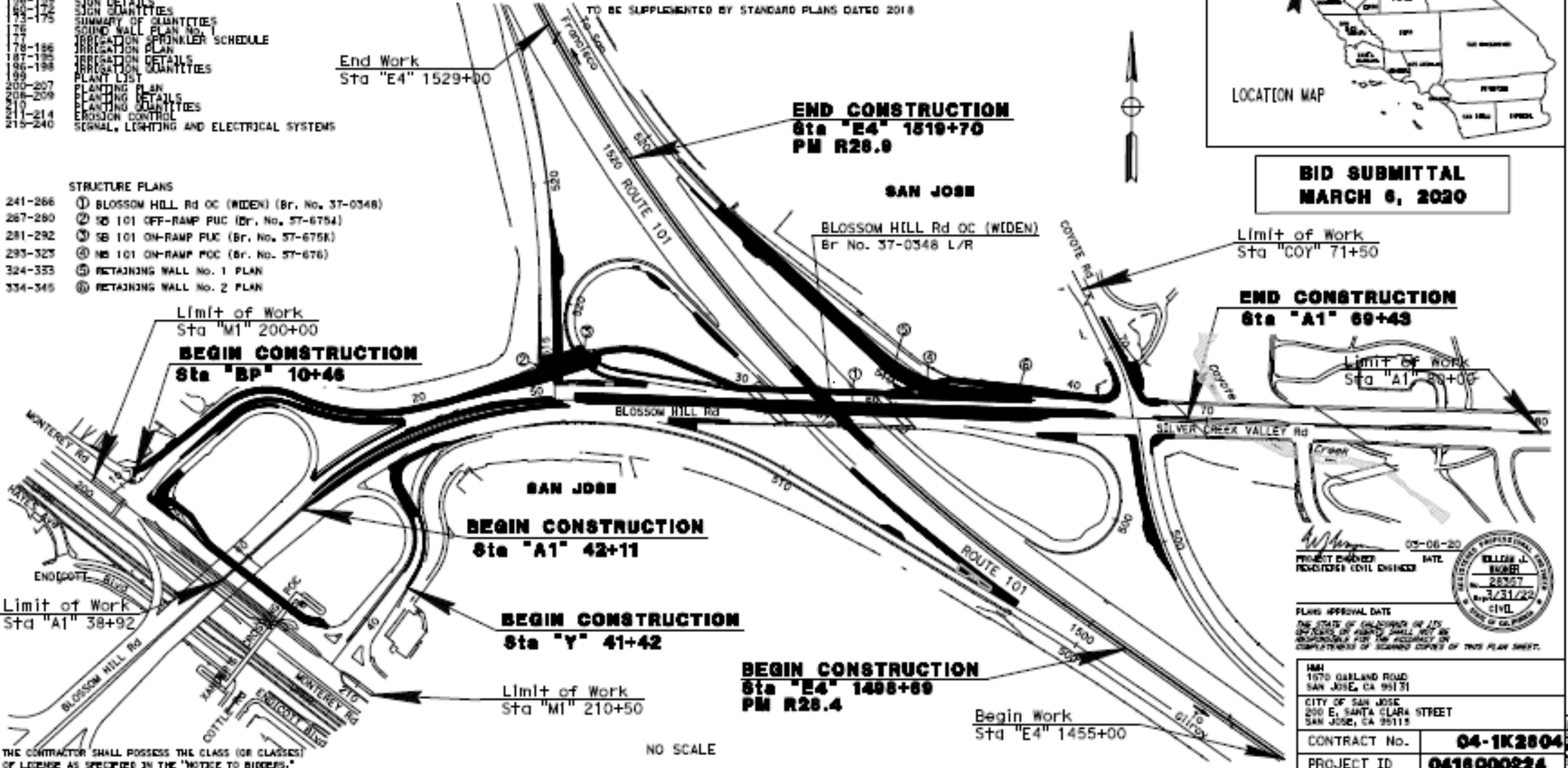
267-280 ② SB 101 OFF-RAMP PUC (Br. No. 57-6754)

281-292 ③ SB 101 ON-RAMP PUC (Br. No. 57-675K)

293-323 ④ NB 101 ON-RAMP PUC (Br. No. 57-676)

324-333 ⑤ RETAINING WALL No. 1 PLAN

334-345 ⑥ RETAINING WALL No. 2 PLAN



03-06-20

PROJECT ENGINEER  
REGISTERED CIVIL ENGINEER

DATE

**KELLY J. BENDER**  
28357  
7/31/20  
CIVIL

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS  
OFFICERS OR EMPLOYEES SHALL NOT BE  
RESPONSIBLE FOR THE ACCURACY OR  
COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

1661  
1670 GARLAND ROAD  
SAN JOSE, CA 95131  
CITY OF SAN JOSE  
200 E. SANTA CLARA STREET  
SAN JOSE, CA 95115

CONTRACT No. **04-1K2804**

PROJECT ID **0416000224**



# US 101 / Blossom Hill Road Area



Agenda

# ➤ Project Details

## DESCRIPTION OF WORK

For purposes of this Contract, Work consists of furnishing all labor, materials, tools, equipment, services, supervision, and incidentals necessary to modify the existing US 101/Blossom Hill Road interchange in south San José as follows:

- (1) Constructing a new overcrossing structure over US 101 between the two existing overcrossing bridge decks to accommodate one additional lane of traffic in each direction;
- (2) Constructing an eastbound dedicated lane leading to the northbound loop on-ramp.
- (3) Widening the existing southbound off-ramp to accommodate three right-turn lanes and one left-turn lane.



# ➤ Project Details

## DESCRIPTION OF WORK

- (4) Modifying the existing traffic signal at the intersection of this off-ramp with Blossom Hill Road by upgrading existing equipment to current standard and adding signal equipment to accommodate new pedestrian/bicycle cross walks.
- (5) Widening the existing northbound off-ramp to accommodate two left-turn lanes, one through lane, and one right-turn lane.
- (6) Reconfiguring the eastbound approach to the Blossom Hill Road/northbound off-ramp/Coyote Road intersection to accommodate two left-turn lanes and two through lanes.

# ➤ Project Details

## DESCRIPTION OF WORK

- (7) Widening Coyote Road on its east side to add a merge lane.
- (8) Modifying the existing connector ramp from Monterey Road to eastbound Blossom Hill Road between Monterey Road and the diagonal US 101 southbound on-ramp.

The Project will include typical safety and operational features such as guard rails, lighting, signage, and maintenance vehicle pullouts.

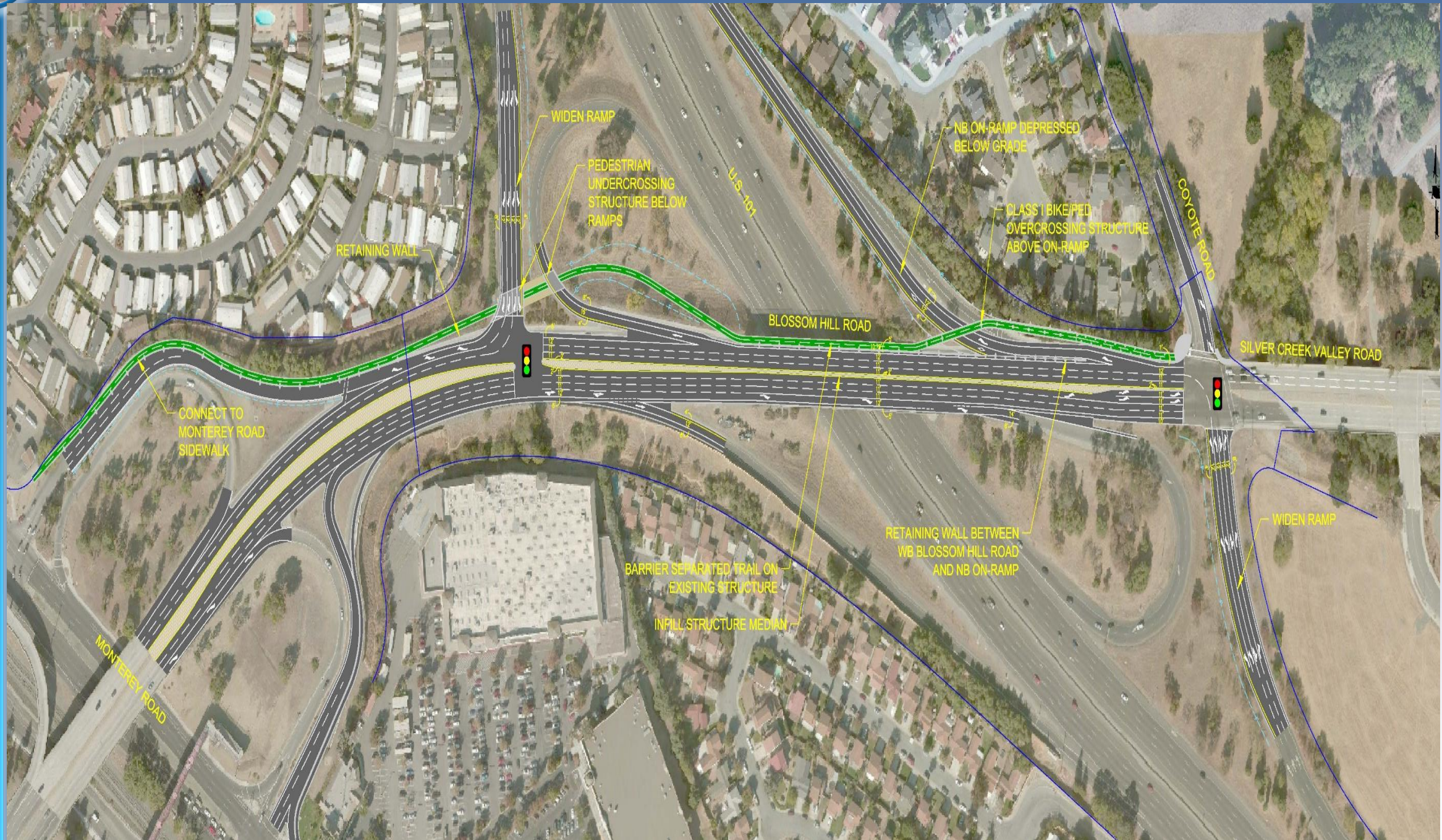
# ➤ Project Details

## DESCRIPTION OF WORK

The Project also includes the construction of a Class I Bicycle/Pedestrian path through the interchange between Monterey Road on the west and Coyote Road on the east. The path will pass under the southbound off-ramp and the southbound loop on-ramp in two concrete undercrossing structures. On the Blossom Hill Road bridge structure over US 101, the path will be separated from vehicular traffic by concrete barrier. This portion of the Project includes a retaining wall along westbound Blossom Hill Road and a mechanically stabilized earth (“MSE”) wall to support the path east of the northbound on-ramp to US 101. The path will also require concrete slope paving between the path and westbound Blossom Hill Road west of the southbound off-ramp from US 101.

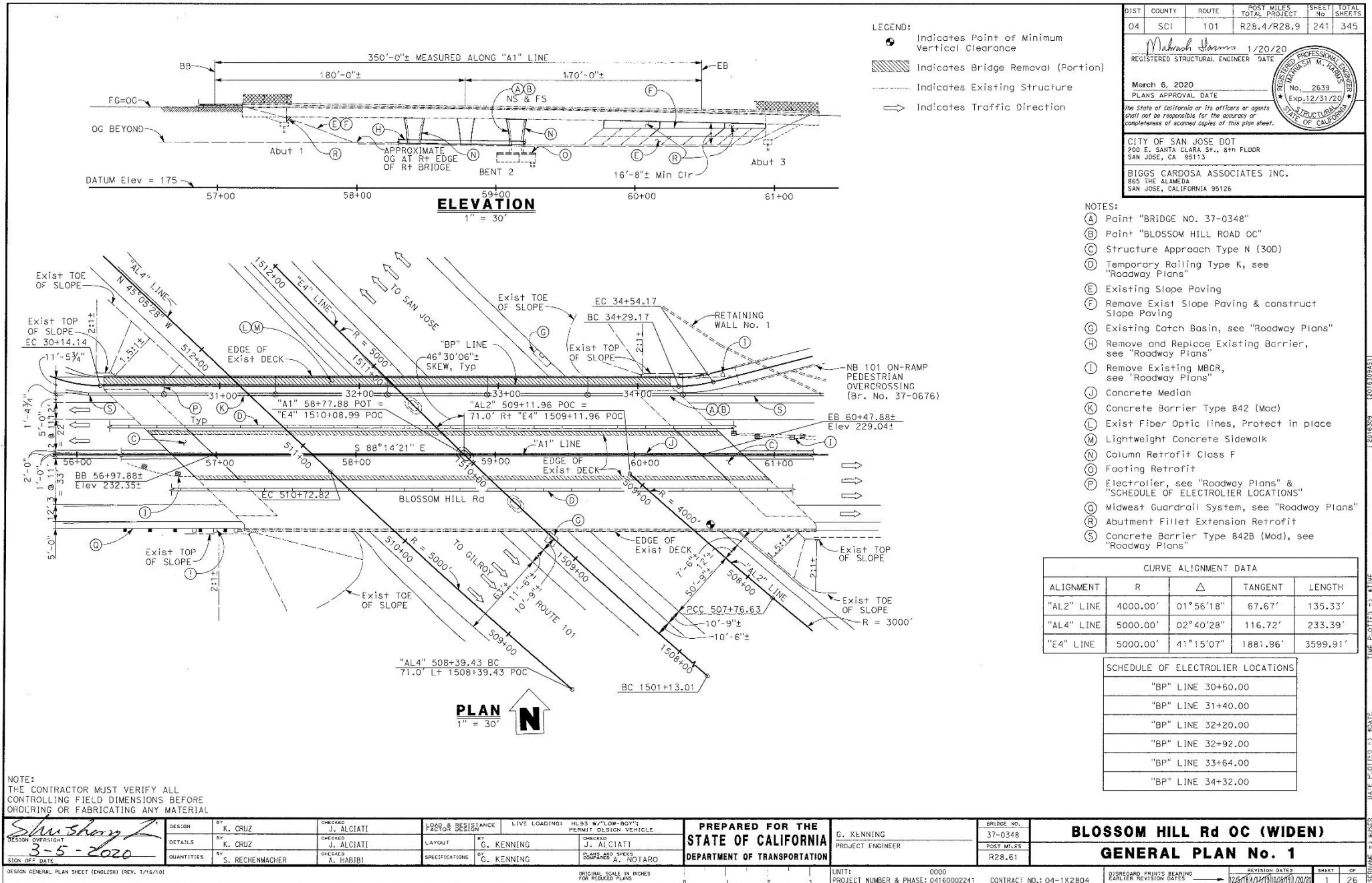
The Engineer’s Estimate for this Work ranges from \$25 Million to \$30 Million. Refer to Section 6.4 Time for Performance for the time limit to complete all Work.

# Proposed Project



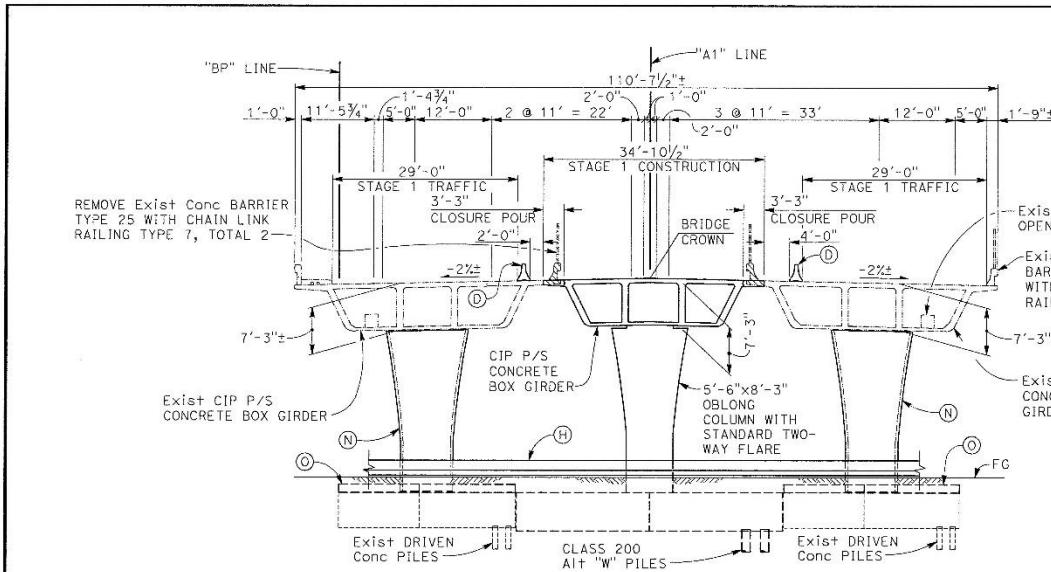
Agenda

# Overcrossing Over Route 101 (Widen)

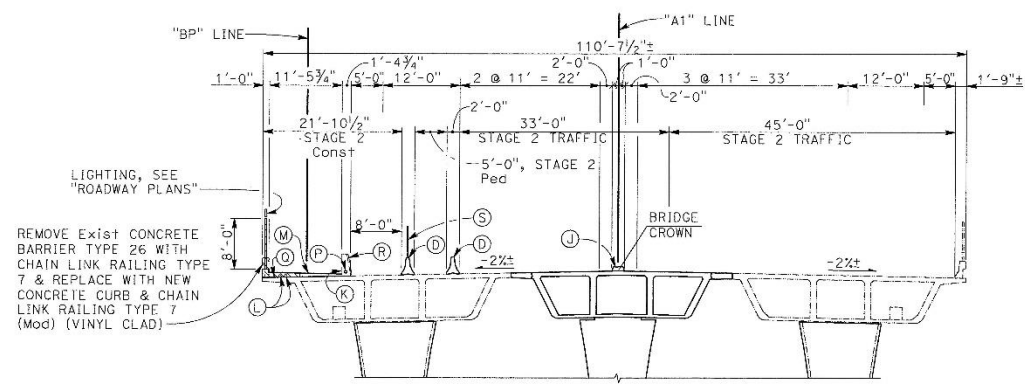


Agenda

# Overcrossing Over Route 101 (Widen)



**STAGE 1 CONSTRUCTION TYPICAL SECTION**  
1" = 10'



**STAGE 2 CONSTRUCTION TYPICAL SECTION**  
1" = 10'

NOTE:  
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL

*Shu Shang Lin*  
DESIGN OVERSIGHT  
3-5-2020  
SIGN OFF DATE

DESIGN	BY K. CRUZ	CHECKED J. ALCIATI	LOAD & RESISTANCE FACTOR DESIGN	LIVE LOADING	HLSB W/ "LOW BOY" PERMIT DESIGN VEHICLE
DETAILS	BY K. CRUZ	CHECKED J. ALCIATI	LAYOUT	BY G. KENNING	CHECKED J. ALCIATI
QUANTITIES	BY S. RECHENMACHER	CHECKED A. HABIBI	SPECIFICATIONS	BY G. KENNING	DESIGNED AND SPECIFIED BY A. NOTARO

PREPARED FOR THE  
**STATE OF CALIFORNIA**  
DEPARTMENT OF TRANSPORTATION

G. KENNING  
PROJECT ENGINEER

BRIDGE NO.  
37-0348

POST MILES  
R28.61

**BLOSSOM HILL Rd OC (WIDEN)**  
**GENERAL PLAN No. 2**

### QUANTITIES

STRUCTURE EXCAVATION (BRIDGE)	750 CY
STRUCTURE BACKFILL (BRIDGE)	500 CY
FURNISH PILING (CLASS 200) (ALTERNATIVE W)	4406 LF
DRIVE PILE (CLASS 200) (ALTERNATIVE W)	64 EA
PRESTRESSING CAST-IN-PLACE CONCRETE	LUMP SUM
STRUCTURAL CONCRETE, BRIDGE FOOTING	275 CY
STRUCTURAL CONCRETE, BRIDGE	800 CY
STRUCTURAL CONCRETE, BRIDGE (POLYMER FIBER)	330 CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE N)	80 CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	15 CY
PAVING NOTCH EXTENSION	12 CF
LIGHTWEIGHT CONCRETE	115 CY
ARCHITECTURAL TREATMENT	1440 SQFT
DRILL AND BOND DOWEL	315 LF
DRILL AND BOND DOWEL (CHEMICAL ADHESIVE)	1540 LF
CLEAN EXPANSION JOINT	165 LF
JOINT SEAL (MR = 2 1/2")	266 LF
JOINT SEAL (TYPE AL)	60 LF
BAR REINFORCING STEEL (BRIDGE)	404,400 LB
HEADED BAR REINFORCEMENT	270 EA
ASPHALT MEMBRANE WATERPROOFING	225 SF
BRIDGE REMOVAL (PORTION)	LUMP SUM
COLUMN CASING	42,100 LB
REMOVE SLOPE PAVING	340 SQYD
MISCELLANEOUS METAL (BRIDGE)	2485 LB
SLOPE PAVING (CONCRETE)	10 CY
CHAIN LINK RAILING (TYPE 7 MODIFIED) (VINYL CLAD)	410 LF
CONCRETE BARRIER TYPE 842 (MODIFIED)	410 LF

### LEGEND:

- Indicates Bridge Removal (Portion)
- Indicates Existing Structure

### NOTES:

- (A) Paint "BRIDGE NO. 37-0348"
- (B) Paint "BLOSSOM HILL ROAD OC"
- (C) Structure Approach Type N (30D)
- (D) Temporary Railing Type K, see "Roadway Plans"
- (E) Existing Slope Paving
- (F) Remove Exist Slope Paving & construct Slope Paving
- (G) Existing Catch Basin, see "Roadway Plans"
- (H) Remove and Replace Existing Barrier, see "Roadway Plans"
- (I) Remove Existing MBGR, see "Roadway Plans"
- (J) Concrete Median, constructed in Stage 2, Phase 5
- (K) Concrete Barrier Type 842 (Mod)
- (L) Exist Fiber Optic Lines, Protect in place
- (M) Lightweight Concrete Sidewalk
- (N) Column Retrofit Class F
- (O) Footing Retrofit
- (P) 2" Dia conduits with fiber optic future city interconnect, see "Roadway Plans"
- (Q) 2" Dia conduit for lighting, see "Roadway Plans"
- (R) Architectural Treatment, see "Roadway Plans"
- (S) Traffic screen, see "ROADWAY PLANS"

DESIGN GENERAL PLAN SHEET (ENGLISH) (REV. 1/16/10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

UNIT: 0000  
PROJECT NUMBER & PHASE: 04160002241 CONTRACT NO.: 04-1K2B04

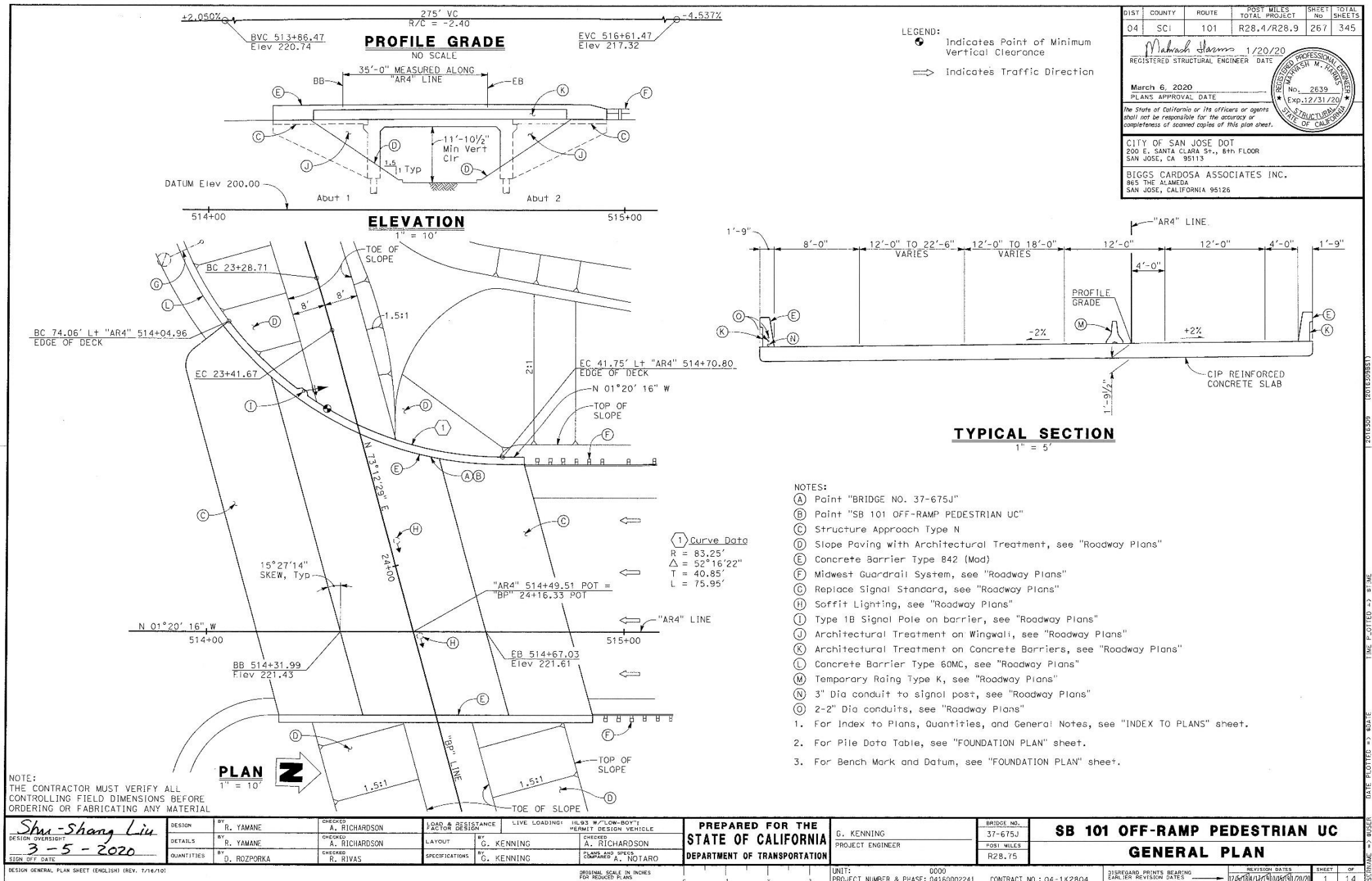
DESIGNED AND PRINTED BEARING EARLIER REVISION DATES: 12/28/14, 12/28/15, 12/28/16, 12/28/17, 12/28/18, 12/28/19, 12/28/20



Agenda

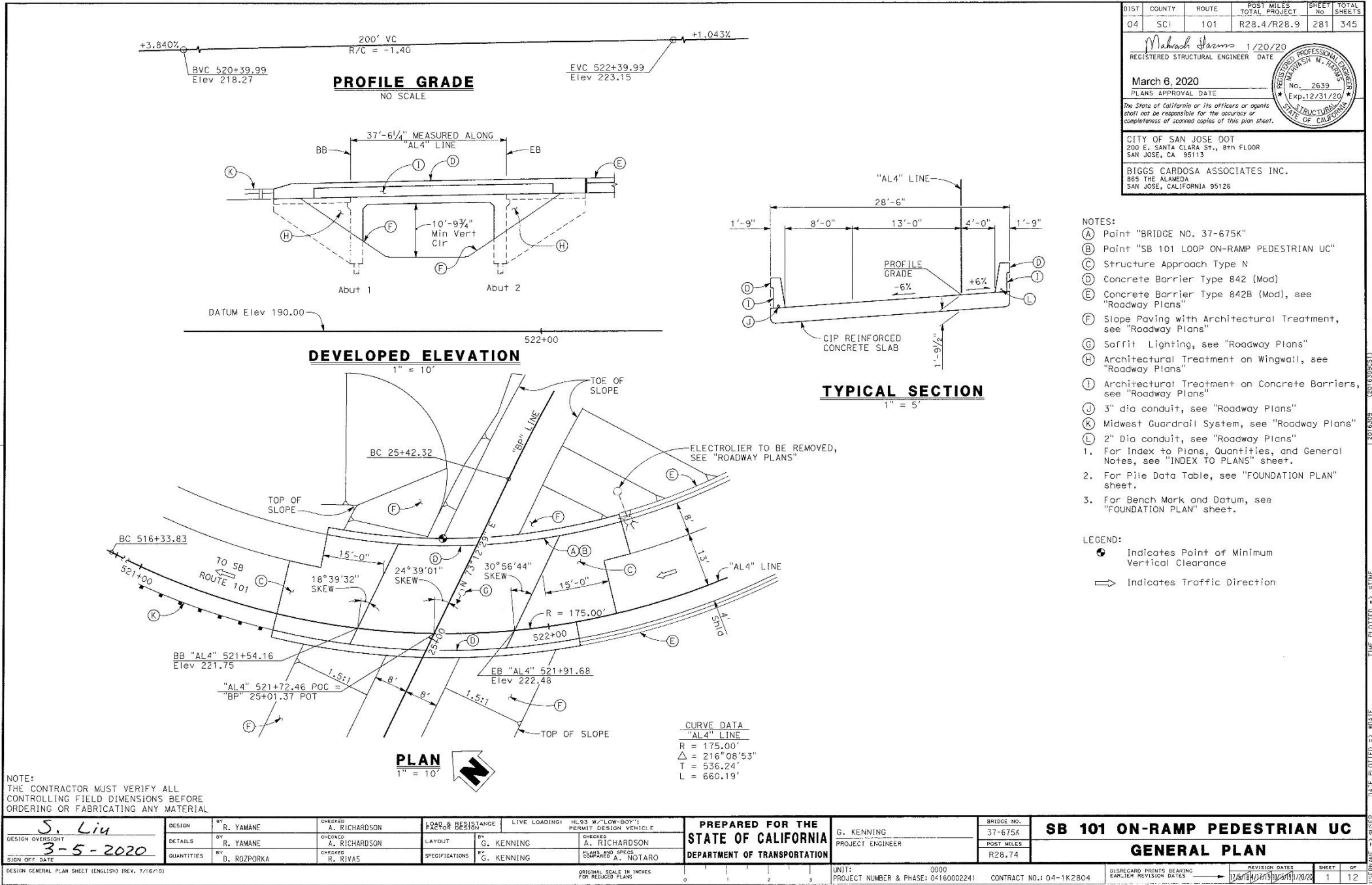


# Overcrossing Over NB On-Ramp

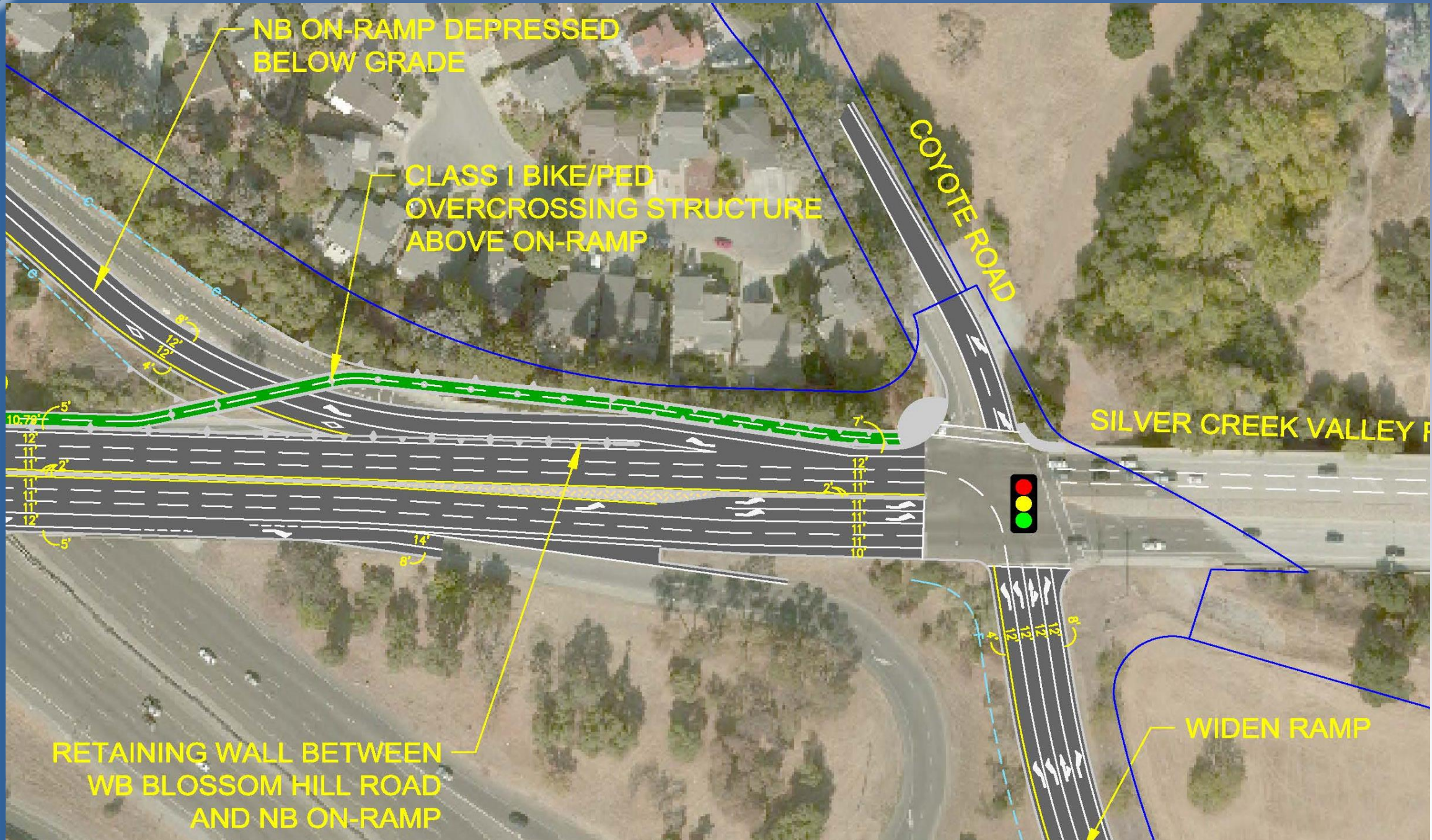




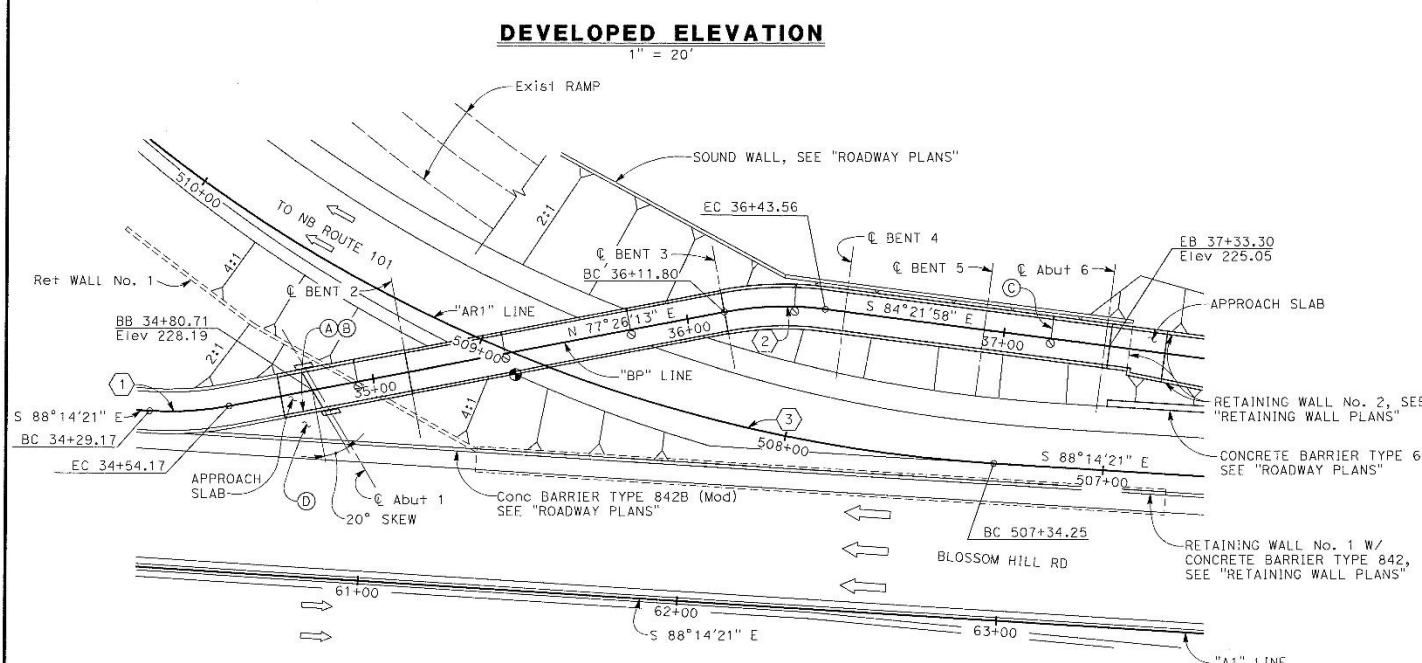
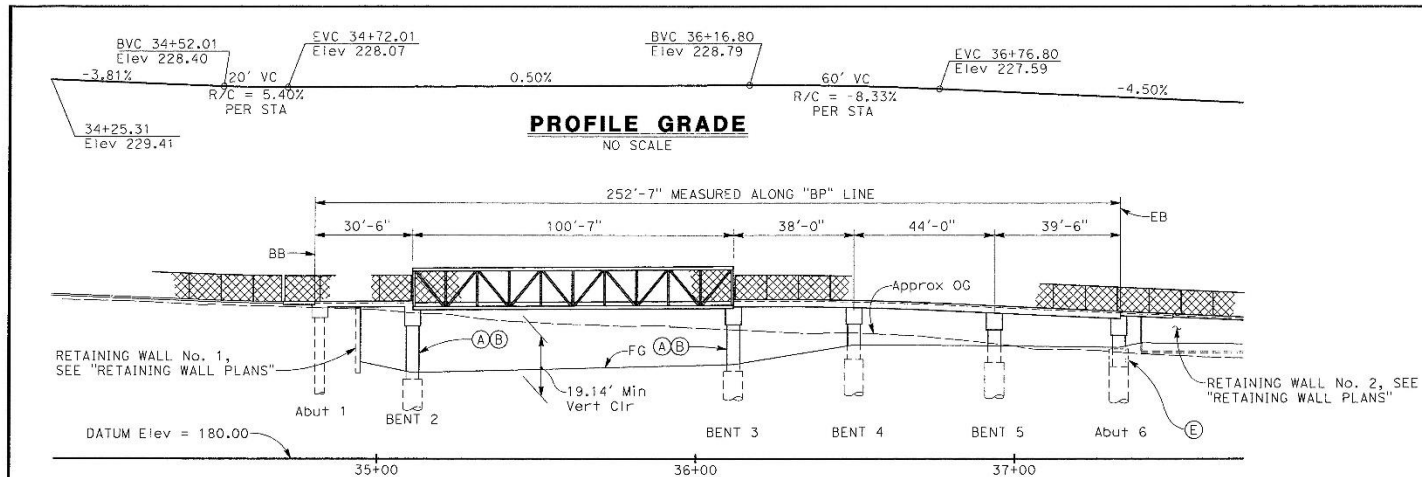
# Undercrossings At SB Ramps



# Bike/Ped Overcrossing Over NB On-Ramp



# Overcrossing Over NB On-Ramp



DIST	COUNTY	ROUTE	POST MILES	SHEET	TOTAL
04	SC	101	R28.4/R28.9	293	345

Mahesh Harms 1/20/20  
 REGISTERED STRUCTURAL ENGINEER DATE

March 6, 2020  
 PLANS APPROVAL DATE

No. 2639  
 Exp. 12/31/20

CITY OF SAN JOSE DOT  
 200 E. SANTA CLARA ST., 8TH FLOOR  
 SAN JOSE, CA 95113

BIGGS CARDOSA ASSOCIATES INC.  
 865 THE ALAMEDA  
 SAN JOSE, CALIFORNIA 95126

- NOTES:
- (A) Point "BRIDGE NO. 37-0676"
  - (B) PAINT "NB 101 ON-RAMP POC"
  - (C) Electrolier, see "Roadway Plans" & "SCHEDULE OF ELECTROLIER LOCATIONS"
  - (D) Slope Paving, see "Roadway Plans"
  - (E) Isolation Casing

- LEGEND:
- Indicates Point of Minimum Vertical Clearance
  - ⇨ Indicates Traffic Direction

CURVE DATA				
CURVE	R	Δ	T	L
(1)	100.00'	14°19'26"	12.57'	25.00'
(2)	100.00'	18°11'49"	16.01'	31.76'
(3)	475.00'	40°39'02"	175.95'	337.01'

SCHEDULE OF ELECTROLIER LOCATIONS	
"BP" LINE	34+95.00
"BP" LINE	35+41.50
"BP" LINE	35+81.50
"BP" LINE	36+34.00
"BP" LINE	37+14.80

NOTE:  
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DESIGNER: <b>Shu-Shang Liu</b> DESIGN OVERSIGHT: <b>3-5-2020</b> SIGN OFF DATE:	DESIGN BY: <b>G. TOLAN</b> DETAILS BY: <b>G. TOLAN</b> QUANTITIES BY: <b>A. VASQUEZ</b>	CHECKED BY: <b>P. CONGIDI</b> CHECKED BY: <b>P. CONGIDI</b> CHECKED BY: <b>F. KIANMOFRAD</b>	LOAD & RESISTANCE FACTOR DESIGN BY: <b>G. KENNING</b> LAYOUT BY: <b>G. KENNING</b> SPECIFICATIONS BY: <b>G. KENNING</b>	LIVE LOADING: <b>SR, FR, PERMANENT LOAD AND 10' O' MAINTENANCE VEHICLE</b> CHECKED BY: <b>A. NOTARO</b> PLANS AND SPECS CHECKED BY: <b>A. NOTARO</b>	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION PROJECT ENGINEER: <b>G. KENNING</b>	BRIDGE NO.: <b>37-0676</b> POST MILES: <b>R28.61</b>	<b>NB 101 ON-RAMP POC</b> <b>GENERAL PLAN No. 1</b>
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UNIT: 0000  
 PROJECT NUMBER & PHASE: 04160002241 CONTRACT NO.: 04-1K2804  
 DISREGARD PRINTS BEARING EARLIER REVISION DATES  
 REVISION DATES: 12/21/19, 1/21/20, 1/20/20  
 SHEET 1 OF 31

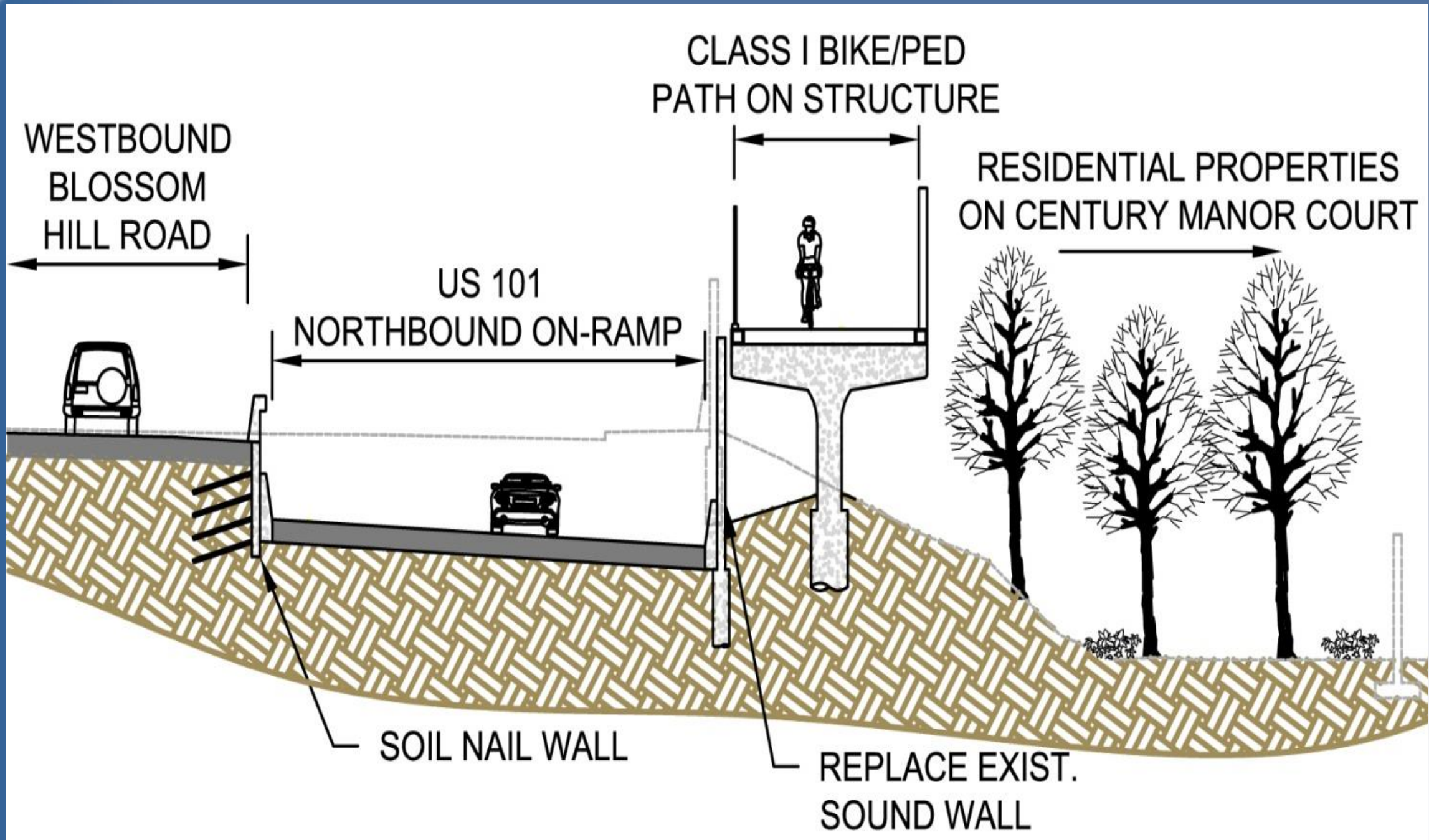


# Overcrossing Over NB On-Ramp



Agenda

# Overcrossing Over Northbound On-Ramp



# ➤ Questions and Answers

Our pleasure to  
answer any  
of your questions ...

# Good Luck

Thank you for doing business with



*Solutions that move you*

**Best Wishes**

**End of Presentation**