

**CITY OF ALBANY
CITY COUNCIL AGENDA
STAFF REPORT**

Agenda date: June17, 2019

Reviewed by: NA

Subject: Approval of Construction Contract Change Order #1 for Contract C19-1 – 2018 Pavement Maintenance and ATP Striping & Signage Project

Report By: Robert Gonzales, Capital Improvements Program Manager
Mark Hurley, Public Works Director/City Engineer

SUMMARY

The issue before the Council is to approve Contract Change Order (CCO) No. 1 to Contract No. C19-1 in the amount of \$115,243.54. On January 22, 2019, Council awarded Contract C19-1 to VSS International (Resolution 2019-01) for street pavement maintenance and ATP striping and signage improvements throughout the City. CCO No. 1 expands the scope of this contract to include the Washington Ave Traffic Calming Project (CIP #24009) and traffic calming measures on Peralta, Francis and Taylor (CIP #25001).

STAFF RECOMMENDATION

That the Council adopt Resolution No. 2019-57 authorizing the City Manager to approve Contract Change Order #1 to Contract C19-01 with VSS International to construct the Washington Avenue Traffic Calming Project and traffic calming measures on Peralta, Francis and Taylor in the amount \$115,243.54 from previously appropriated funds for CIP Projects No. 24009 (\$59,743.16) and No. 25001 (\$55,500.38).

BACKGROUND

On January 22, 2019 Council approved a contract award to VSS International (Resolution 19-9) for the 2018 Pavement Maintenance and ATP Striping & Signage Project for \$850,120. This Project is currently underway with an anticipated completion date of June 30, 2019.

The Washington Avenue Traffic Calming Project began in 2014 to evaluate traffic and pedestrian safety issues on Washington Avenue between Pierce Street and Cerrito Street. Kittleson & Associates was contracted to develop a project design. During the design process numerous community meeting were conducted and staff presented several draft concepts to the Traffic and Safety Commission. On February 5, 2018 City Council received a staff presentation on the project and directed staff to proceed with final design including the design and construction of following elements:

1. A raised crosswalk on Washington Avenue at Catherine's Walk;

2. Speed humps on Washington Avenue between Pierce Street and Cerrito Street;
3. A painted bulb out at the intersection of Washington Avenue and Gateview Avenue;
4. Striping, signage, and sidewalk barriers for all modifications.

Kittleson & Associates was contracted to complete the final design including two additional community meetings in Fall 2018. Additional direction to staff included preparation of an ordinance authorizing closure of the northern sidewalk to pedestrians and to allow vehicles to park on the northern sidewalk on Washington Avenue between Pierce Street and Cerrito Street and establishment of a parking enforcement program for vehicle parking on Washington. The design work is complete.

Additionally, the CIP created a Citywide Traffic Calming Project (CIP 25001) to fund traffic calming measures requested by the public and approved by the Traffic and Safety Commission. There is currently a backlog of approved traffic calming measures to be constructed. CCO No. 1 will construct approved measure at three locations: Peralta Avenue, Francis Street and Taylor Street. The scope of the traffic calming measure generally consists of speed humps and striping. The three locations included in this change order have been approved by Traffic and Safety.

DISCUSSION

Since the scope of work included in the change order work is very similar to the work included in Contract No. C19-1, Staff requested a cost estimate to perform this additional work from VSS International. Using the unit pricing established in the original contract, VSS provided an estimate to complete the additional work as summarized below. Staff has reviewed the cost estimate and finds it to be acceptable and appropriate.

- Washington Ave Traffic Calming: \$59,743.16
- Citywide Traffic Calming: \$55,500.38
- Total \$115,243.54

The contractor is scheduled to complete the original contract work by June 30, 2019. This new work will be completed by September 2019.

ENVIRONMENTAL CLEARANCE

This project consists of maintenance of existing streets and is determined to be categorically exempt under CEQA.

SUSTAINABILITY

The proposed project supports Council’s Strategic Plan in the areas of Transportation Safety and Implementation of the city’s active Transportation Plan.

FINANCIAL SUMMARY

The budgets for the two work items included in the CCO No. 1 are included in CIP No. 24009 – Washington Ave Traffic Calming and CIP No. 25001 – Citywide Traffic Calming, which were appropriated by Council as part of the City’s Capital Improvement Program last updated on March 19, 2018 (Resolution 2018-36). The following table details the approved budget and funding sources for these projects:

Funding Sources	CIP 24009 FY17/18 – FY18/19	CIP 25001 – FY18/19
1101 Meas. B Local Sts	\$30,000	
1102 Meas. B Bike/Ped	\$20,000	
1104 Vehicle Reg Fee	\$45,000	
1105 Gas Tax	\$66,000	
1201 Meas. BB Local Sts		\$80,000
Total Budget	\$161,000	\$80,000

As of June 7, 2019, the City has either spent or encumbered a total of \$44,570 for the Washington Ave project (CIP #24009). No funds have been spent or encumbered for the Citywide Traffic Calming project (CIP 25001).

The proposed change order totals \$115,243.54, with \$59,743.16 being allocated to the Washington Ave Project (CIP #24009) and \$55,500.38 being allocated to the Citywide Traffic Calming Project (CIP #25001). The amounts allocated to each project are within the approved budgets for the projects, so no budget adjustments are needed.

Attachments:

1. Resolution 2019-57
2. Contract Change Order No. 1
3. Washington Ave Traffic Calming Drawings
4. Citywide Traffic Calming Figures

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RESOLUTION NO. 2019-57

**A RESOLUTION OF THE ALBANY CITY COUNCIL APPROVING
CONTRACT CHANGE ORDER NO. 1 TO CONTRACT NO. C19-1
2018 PAVEMENT MAINTENANCE AND ATP STRIPING & SIGNAGE
PROJECT WITH VSS INTERNATIONAL FOR CIP 21000**

WHEREAS, on March 18, 2018, the City Council adopted Resolution No. 2018-36 to adopt the FY17/18 – FY21-22 Capital Improvement Project budget including Project No. 21000 Annual Street Rehabilitation Project and No. 23000 Annual Active Transportation Plan; and

WHEREAS, the City awarded Contract No. C19-01 to VSS International on January 22, 2019 for construction of the 2018 Pavement Maintenance and ATP Striping & Signage Project; and

WHEREAS, staff identified additional pavement needs that required immediate attention; and

WHEREAS, the Traffic and Safety Commission approved traffic calming measures for Peralta Avenue, Francis Street, and Taylor Street; and

WHEREAS, Council directed staff to proceed with design and construction of the Washington Avenue Traffic Calming Project on February 5, 2018; and

WHEREAS, Council has appropriated funds for both street maintenance and ATP striping and signage for FY2018/19;

NOW, THEREFORE, BE IT RESOLVED, that the Albany City Council hereby authorizes the City Manager to approve Contract Change Order No. 1 to Contract No. C19-01 with VSS International to construct the Washington Ave Traffic Calming Project

1 and traffic calming measures on Peralta, Francis and Taylor in the amount \$115,243.54
2 from previously appropriated funds for CIP Projects No. 24009 (\$59,743.16) and CIP
3 Project No. 25001 (\$55,500.38).

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 ROCHELLE NASON, MAYOR
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CONTRACT: C19-1 – 2018 Pavement Maintenance and ATP Striping & Signage

Page 1
June 17, 2019

CONTRACTOR: VSS International

You are hereby directed to make the herein described changes from the plans and specifications or do the following described work not included in the plans and specifications on your contract.

DESCRIPTION OF WORK

1. Construct traffic calming improvements at Washington Avenue as detailed on the Washington Avenue Traffic Calming Project drawings (dated 3/19).	\$59,743.16
2. Construct traffic calming improvements on Peralta, Taylor and Francis including striping and three speed bumps as detailed on the attached figures.	\$55,500.38
Total Increase in Contract Amount:	\$115,243.54

We, the undersigned contractor, have given careful consideration to the contract change(s) and hereby agree, if this proposal is approved, that we will provide all equipment, furnish all materials, except as may otherwise be noted above, and perform all services necessary for the work above specified, and will accept as full payment therefore the prices shown above.

This change order includes 95 additional days of contract time. The amount paid with this change order covers all costs associated with this change including direct and indirect costs and there will be no additional compensation for anything related to this change.

STATEMENT OF ACCOUNT

Original Contract Price	\$850,116.00
Previous Change Orders	\$0.00
This Change Order	\$115,243.54
Revised Contract Price	\$965,359.54
Contract Price Change	13.6%

Contractor:
Date Accepted: _____

By: _____
Contractor/Title

City of Albany:
Date Approved: _____

By: _____
Nicole Almaguer, City Manager

VSS INTERNATIONAL CHANGE ORDER #1

ITEM	ITEM DESCRIPTION	CONTRACTOR	COST
1	Washington Avenue Traffic Calming Striping CCO 818; Washington Avenue Traffic Calming speed humps and raised crosswalk	Bayside Stripe and Seal and Golden Bay	\$ 56,898.25
2	Peralta speed bumps (3); Peralta/Francis and 900 Peralta Traffic Calming CCO 819	Bayside Stripe and Seal and Golden Bay	\$ 52,857.50

subtotal	\$ 109,755.75
+5% markup	\$ 5,487.79
Total CCO #1	\$ 115,243.54

Current contract Price	\$ 850,117.00
Revised Contract Price	\$ 965,360.54

Robert Gonzales

From: Michael Koenig <michael.koenig@slurry.com>
Sent: Thursday, May 30, 2019 10:07 AM
To: Robert Gonzales
Subject: FW: City of Albany 2018 Pavement Maintenance And ATP Striping & Signage Project: Speed Humps & Raised Crosswalk Change Order Request
Attachments: PCO Albany Speed Humps and Raised CrosswalksPlan and Details.pdf

Hi Robert,

Please see and attached Golden Bay proposal for your review.

Thank You,

Mike Koenig
Senior Project Manager

VSS International

3785 Channel Dr.
West Sacramento, Ca 95691
Office: (916) 373-1500
Fax: (916) 373-0183
Cell: (916) 524-7034
E-Mail michael.koenig@slurry.com



From: Brian Cortese [mailto:brian@gbayinc.com]
Sent: Thursday, May 30, 2019 9:58 AM
To: Michael Koenig <michael.koenig@slurry.com>
Subject: City of Albany 2018 Pavement Maintenance And ATP Striping & Signage Project: Speed Humps & Raised Crosswalk Change Order Request

Mike:

The price to construct the five (5) speed humps (3 at Peralta / 2 at Washington) and one (1) raised crosswalk at Washington per the attached plans and notes below is \$81,218.

- Inclusions: traffic control for our work, grind & install of asphalt speed humps and raised crosswalk. Also includes pvc pipe at gutter for drainage @ raised crosswalk.
- Exclusions: truncated domes, signage, striping (temp or permanent).
- Notes:
 - Work to be completed by end of September 2019 (sooner if crews become available).
 - Speed humps to match curb heights and transition ramps to be widened proportionally if possible. Heights and layouts to be approved with city prior to construction.
 - Drainage at raised crosswalk includes pvc pipe at gutter (1.5" pvc or larger if clearance allows).

Let me know if you have any questions.

Thanks

BRIAN CORTESE

golden bay construction, inc.
3826 depot road
hayward, ca 94545
cell: (650) 670-0014
direct fax: (510) 315-3175

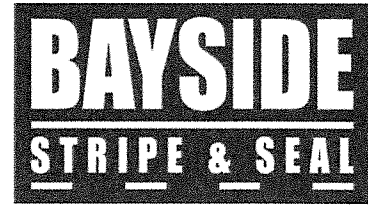
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split cost 50/50

WA. Ave Colony \$40,009

Resalta f' Francis \$40,609

CHANGE ORDER



Date: *May 15, 2019*
 Bayside CCO # 819
 Project CCO #

Bayside Stripe & Seal, Inc.
 P.O. Box 703
 Petaluma, CA 94953
 Phone 707-765-2871
 Fax 707-765-2773
ramy@baysidessi.com

TO: Michael Koenig
 VSSI
 3785 Channel Dr
 West Sacramento, CA 95691
 P
 F

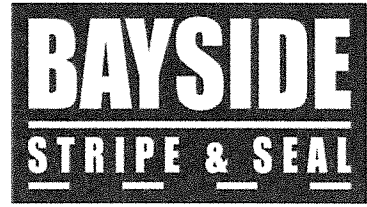
Project Name 2018 Pavement Maintenance & ATP Striping
 Project No. C19-1

QUANTITY	UOM	Item #	DESCRIPTION	UNIT PRICE	TOTAL
<i>Taylor St</i>					
1290	LF		Detail 27B	\$ 1.25	\$ 1,612.50
68	SF		"25 MPH"	\$ 5.00	\$ 340.00
12	LF		Red Curb	\$ 3.00	\$ 36.00
<i>Peralta & Francis</i>					
1480	LS		Detail 39	\$ 1.50	\$ 2,220.00
104	SF		Speed Hump Advanced striping & Hump Chevron	\$ 5.00	\$ 520.00
287	SF		Pavement Marking	\$ 5.00	\$ 1,435.00
15	LF		Red Curb	\$ 3.00	\$ 45.00
2	EA		R1-5 sign & pole	\$ 300.00	\$ 600.00
2	EA		W2-2 Sign & Pole	\$ 300.00	\$ 600.00
2	EA		W17-1 sign & pole	\$ 300.00	\$ 600.00
2	EA		"Slow Speed Hump Ahead" sign & pole	\$ 300.00	\$ 600.00
1	EA		W2-4/W4-4P signs & pole	\$ 400.00	\$ 400.00
<i>900 Block Peralta Speed Humps</i>					
208	SF		Speed Hump Advanced striping & Hump Chevron	\$ 5.00	\$ 1,040.00
4	EA		W17-1 sign & pole	\$ 300.00	\$ 1,200.00
1	LS		TC for all three locations	\$ 1,000.00	\$ 1,000.00
<u>Price is based on performing above work concurrently with contract work</u>					
<i>Does not include posting of temp. "No Parking signage "</i>					
Total					\$ 12,248.50

Acceptance _____

Date _____ Thank you for your business!

CHANGE ORDER



Date: *May 15, 2019*
 Bayside CCO # 818
 Project CCO #

Bayside Stripe & Seal, Inc.
 P.O. Box 703
 Petaluma, CA 94953
 Phone 707-765-2871
 Fax 707-765-2773
ramy@baysidessi.com

TO: Michael Koenig
 VSSI
 3785 Channel Dr
 West Sacramento, CA 95691
 P
 F

Project Name 2018 Pavement Maintenance & ATP Striping
 Project No. C19-1

QUANTITY	UOM	Item #	DESCRIPTION	UNIT PRICE	TOTAL
<i>Washington Ave Traffic Calming</i>					
1	LS		Removal of existing within new slurry limits & beyond slurry limits*	\$ 4,000.00	\$ 4,000.00
323	LF		Detail 21	\$ 2.00	\$ 646.00
1009	LF		Detail 27B	\$ 1.25	\$ 1,261.25
102	LF		Detail 27C	\$ 1.00	\$ 102.00
70	LF		Limit Line	\$ 5.00	\$ 350.00
51	LF		Basic Crosswalk	\$ 4.00	\$ 204.00
106	LF		Continental Crosswalk	\$ 8.00	\$ 848.00
274	SF		Pavement Markings	\$ 5.00	\$ 1,370.00
23	EA		RPM	\$ 6.00	\$ 138.00
	EA		Delineators (Standard Surface mount)-NO QUANTITY YET	\$ 75.00	
2	EA		R9-11 Sign & Pole	\$ 275.00	\$ 550.00
2	EA		R9-3/R9-10 signs & pole	\$ 375.00	\$ 750.00
3	EA		R1-1 Sign & pole	\$ 300.00	\$ 900.00
2	EA		W11-2/W13-1 Signs & pole	\$ 400.00	\$ 800.00
1	EA		R9-11A sign & pole	\$ 275.00	\$ 275.00
4	EA		W17-1 sign & pole	\$ 300.00	\$ 1,200.00
1	EA		Relocate Sign -Includes removal of large base on existing	\$ 300.00	\$ 300.00
1	LS		Painted Island	\$ 500.00	\$ 500.00
1	LS		Painted Bulb-Out	\$ 600.00	\$ 600.00
165	LF		Red Curb	\$ 3.00	\$ 495.00
1	LS		Additional TC	\$ 1,000.00	\$ 1,000.00
<i>Does not include posting of temp. "No Parking signage "</i>					
<i>Price is based on performing above work concurrently with contract work</i>					
<i>*Includes additional Mobilizations</i>					
Total					\$ 16,289.25

Acceptance _____

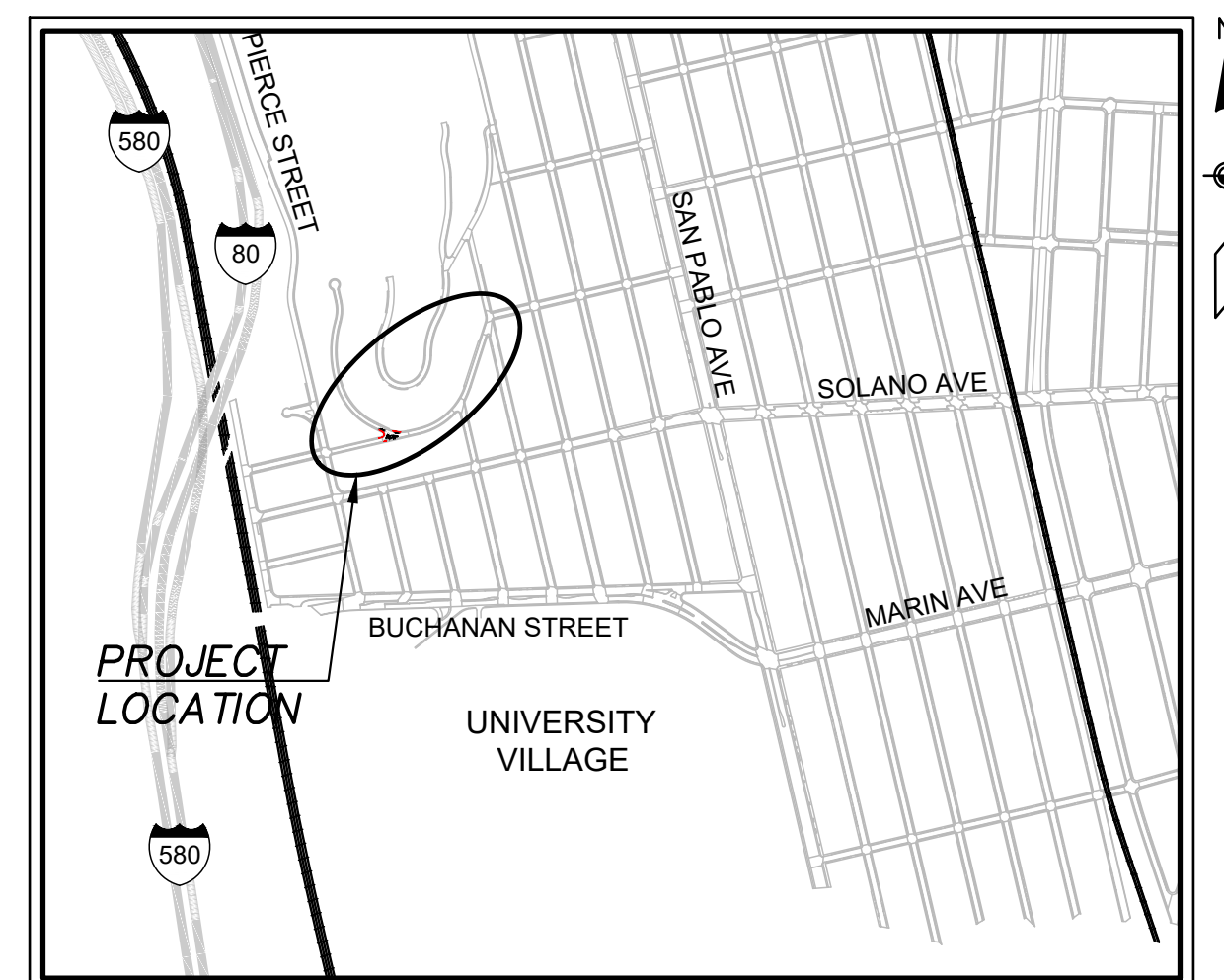
Date _____ Thank you for your business!

WASHINGTON AVENUE TRAFFIC CALMING PROJECT

CONTRACT NUMBER C19-XX



SITE MAP
SCALE 1" = 100'



LOCATION MAP
1" = 1000 FEET
15-F, 16-E, 16-F

CITY COUNCIL
 ROCHELLE NASON - MAYOR
 PEGGY MCQUAID - VICE MAYOR
 NICK PILCH
 MICHAEL BARNES
 PETER MAASS

NICOLE ALMAGUER - CITY MANAGER
 MARK HURLEY
 PUBLIC WORKS DIRECTOR/CITY ENGINEER
 ROBERT GONZALES
 CAPITAL IMPROVEMENT PROJECTS PROGRAM MANAGER

MARCH 2019

INDEX TO PLANS

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| 1. PROJECT LOCATION MAP AND INDEX TO PLANS | 8. CIVIL DETAILS - DETAIL 1 |
| 2. NOTES SHEET | 9. CIVIL DETAILS - DETAIL 2 |
| 3. SURVEY CONTROL - STA 0+00 TO STA 2+50 | 10. WASHINGTON AVENUE - STA 0+00 TO STA 2+50 |
| 4. SURVEY CONTROL - STA 2+50 TO STA 5+50 | 11. WASHINGTON AVENUE - STA 2+50 TO STA 5+50 |
| 5. SURVEY CONTROL - STA 5+50 TO STA 8+50 | 12. WASHINGTON AVENUE - STA 5+50 TO STA 8+50 |
| 6. SURVEY CONTROL - STA 8+50 TO STA 11+00 | 13. WASHINGTON AVENUE - STA 8+50 TO STA 11+00 |
| 7. SURVEY CONTROL - STA 11+00 TO STA 12+45 | 14. WASHINGTON AVENUE - STA 11+00 TO STA 12+45 |

DATE	MARK	REVISION	INIT.

Designed by: JGA
 Drawn by: JGA
 Checked by: JAS
 Reviewed by: JAS
 Date: 03/19

KITTELSON & ASSOCIATES
 155 GRAND AVENUE, SUITE 900
 OAKLAND, CA 94612
 P 510.839.1742 F 510.839.0871

SCALE: 1"=10'

REVIEWED BY:
(if applicable)

Date: _____

WASHINGTON AVE TRAFFIC
CALMING PROJECTS

Albany, Alameda County, California

COVER SHEET

File: 23312-CD-COVER SHEET No. 1 of 14

SAFETY NOTES:

1. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. A CAL OSHA PERMIT IS REQUIRED FOR ALL WORK.
2. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL PREPARE AND SUBMIT A SITE SPECIFIC SAFETY PLAN. THE SITE SPECIFIC SAFETY PLAN SHALL MEET OR EXCEED THE CSRMA CONTRACTOR SAFETY HANDBOOK.
3. THE CONTRACTOR SHALL IDENTIFY A RESPONSIBLE CONTACT PERSON, WHO IS AN EMPLOYEE OF THE CONTRACTOR, AND A 24-HOUR TELEPHONE NUMBER TO CALL TO RESOLVE PROBLEMS WITH NOISE, DUST OR OTHER CONSTRUCTION-RELATED ISSUES.
4. THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR POLICE, FIRE, AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF JOBSITE.
5. WHILE WORKING ON THE PROJECT, THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL COMPLY WITH THE CITY'S CONFINED SPACE ENTRY PROCEDURES FOR ALL PERMIT SPACE ENTRIES. THE FOLLOWING SPACES ARE HEREBY DESIGNATED PERMIT SPACES: MANHOLES, UNDERGROUND PITS.
6. OVERHEAD ELECTRIC AND TELEPHONE DISTRIBUTION SYSTEMS AND INDIVIDUAL UNDERGROUND UTILITY SERVICE LINES EXIST IN THE VICINITY OF THE WORK AREA AND ARE NOT ALL SHOWN ON THE DRAWINGS. CONTRACTOR SHALL EXERCISE CAUTION WHILE WORKING NEAR OR UNDER ALL UTILITY LINES. CONTRACTOR SHALL IDENTIFY LOCATIONS OF HIGH VOLTAGE OVERHEAD ELECTRICAL LINES AND PLACE WARNING SIGNS PER CAL/OSHA REQUIREMENTS.
7. ALL EXCAVATIONS SHALL BE SHORED TO PROTECT THE WORKERS AND MOVEMENT OF ADJACENT GROUND IN ACCORDANCE WITH APPLICABLE SAFETY ORDERS. SUBMIT TWO (2) COPIES OF SHORING PLANS AND OSHA SHORING PERMIT TO CITY.

PROJECT NOTES:

8. LOCATIONS OF UTILITIES SHOWN ARE FROM RECORDS OF THE VARIOUS UTILITY COMPANIES. THE CITY AND ITS ENGINEER MAKE NO GUARANTEE THAT THE LOCATIONS OF UTILITIES ENCOUNTERED WILL NOT BE DIFFERENT THAN THOSE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND MAKING HIS(HER) OWN DETERMINATION OF LOCATIONS OF EXISTING UTILITIES BY POTHOLES (HAND EXCAVATING) POTENTIAL CONFLICTS IN ADVANCE OF CONSTRUCTING THE CONTRACT PIPELINES AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE THERETO. THE CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE CITY PRIOR TO ANY POTHOLES.
9. UNDERGROUND GAS, WATER AND SEWER SERVICE LATERALS EXIST BUT NOT ALL ARE NOT SHOWN ON THESE PLANS.
10. COORDINATE ALL WORK INVOLVING UTILITIES WITH THE APPROPRIATE UTILITY COMPANY AND VERIFY THAT WORK TO BE DONE BY OTHERS HAS BEEN COMPLETED PRIOR TO CONSTRUCTION.
11. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL OF THE WORK PERFORMED BY HIS SUBCONTRACTORS, WITHOUT EXCEPTION.
12. THE CONTRACTOR SHALL BE REQUIRED TO KEEP ALL CONSTRUCTION ACTIVITIES WITHIN THE RIGHTS-OF-WAY AND EASEMENTS OBTAINED FOR THIS PROJECT UNLESS OTHERWISE SHOWN. THIS SHALL INCLUDE, BUT NOT BE LIMITED TO, VEHICLES AND EQUIPMENT, LIMITS OF TRENCH EXCAVATIONS, AND STOCKPILED NEW MATERIAL.
13. THE CONTRACTOR SHALL PROVIDE PROTECTION DEVICES INCLUDING BARRICADES, FENCING, WARNING SIGNS, LIGHTS, FLAGGERS OR OTHER ITEMS NECESSARY TO ENSURE PUBLIC SAFETY WITHIN THE PROJECT SITE. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
14. WHEN TRENCHING IN THE SIDEWALK AREAS, THE CONTRACTOR SHALL CLOSE THE SIDEWALK BY PLACING BARRICADES AROUND THE TRENCH AREA AND AT LEAST TWO ROWS OF CONSTRUCTION TAPES WRAPPED AROUND THE EXCAVATED AREA, ONE AT THE TOP AND ONE IN THE MIDDLE. A 2X6 BOARD SHALL BE PLACED ON THE SIDEWALK AND BETWEEN THE BARRICADES IN THE DIRECTION OF PATH OF TRAVEL SO THAT IT CAN BE TAPPED BY THE CANE OF A VISUALLY IMPAIRED PERSON.
15. CONTRACTOR SHALL EXERCISE DUE CAUTION DURING CONSTRUCTION TO PROTECT ALL EXISTING LANDSCAPING, FENCING, EQUIPMENT, PIPES WHICH ARE TO REMAIN. ANY DAMAGE RESULTING FROM CONTRACTOR OPERATIONS SHALL BE REPAIRED AS DIRECTED BY THE CITY'S REPRESENTATIVE, AT NO ADDITIONAL COST TO THE CITY.
16. CONTRACTOR SHALL CONFORM TO THE CITY OF ALBANY MONUMENT PRESERVATION POLICY AND PRESERVE ALL SURVEY MARKERS AND MONUMENTATION. THE CONTRACTOR SHALL NOTIFY THE CITY ENGINEER OF ANY EXISTING FEDERAL, STATE, COUNTY, CITY OR PRIVATE LAND SURVEY MARKER REQUIRING RESETTING PRIOR TO DISTURBANCE. RESETTING SHALL BE DONE BY A LICENSED LAND SURVEYOR.
17. CONSTRUCTION ACTIVITY SHALL BE RESTRICTED TO THE HOURS OF 8:00 AM TO 5:00 PM, MONDAY THROUGH FRIDAYS AND 10:00 AM TO 5:00 PM SATURDAYS, SUNDAYS AND LEGAL HOLIDAYS. WRITTEN PERMISSION MUST BE OBTAINED BY CITY ENGINEER PRIOR TO WEEKEND OR HOLIDAY WORK. NO STARTUP OF HEAVY EQUIPMENT IS ALLOWED PRIOR TO 8:00 AM.
18. DUST SHALL BE CONTROLLED AND ADJOINING STREET AND PRIVATE DRIVES SHALL BE KEPT CLEAN OF PROJECT DIRT, MUD, MATERIALS AND DEBRIS, TO THE SATISFACTION OF THE CITY'S REPRESENTATIVE.
19. THE CONTRACTOR SHALL TAKE HIGH QUALITY DIGITAL PICTURES (5mp MIN) OF THE PROJECT AREAS IN ADVANCE OF ANY CONSTRUCTION WORK. MARK ON A SET OF PLANS THE LOCATION OF AND FRAME NUMBER OF EACH SHOT AND FURNISH COPIES OF ALL TO CITY, ON PHOTO CD'S PRIOR TO ANY CONSTRUCTION.

20. THE CONTRACTOR SHALL COMPLY WITH ALAMEDA COUNTY CLEANWATER PROGRAM AND CITY OF ALBANY NPDES PERMIT REQUIREMENTS. WATER SHALL NOT BE DISCHARGED FROM THE CONSTRUCTION SITE TO THE STORM DRAINAGE SYSTEM UNLESS HE/SHE OBTAINS APPROVAL FROM THE CITY ENGINEER AS SET FORTH IN THE CLEANWATER PROGRAM. THE WEBSITE IS REFERENCED IN THE SPECIAL PROVISIONS.
21. PRIOR TO COMMENCEMENT OF THE WORK THE CONTRACTOR SHALL PREPARE A WATER POLLUTION CONTROL PLAN. TWO (2) COPIES SHALL BE SUBMITTED TO THE CITY.
22. THIS PROJECT INVOLVES WORK IN PUBLIC AREAS AND ON PRIVATE PROPERTY. THE CONTRACTOR SHALL SPECIFICALLY INSTRUCT ALL HIS/HER WORKERS TO EXERCISE GOOD PUBLIC RELATIONS DURING THE WORK, INCLUDING BEING COURTEOUS, AVOIDING THE USE OF SWEAR WORDS, AND MINIMIZING DAMAGE TO EXISTING IMPROVEMENTS.
23. THE CONTRACTOR SHALL SWEEP AND CLEAN THE CONSTRUCTION SITE DAILY BEFORE THE END OF EACH WORKING DAY.
24. IF ARCHAEOLOGICAL MATERIALS ARE UNCOVERED DURING ANY ON-SITE EXCAVATION, ALL EARTHWORK SHALL BE STOPPED UNTIL AN ARCHAEOLOGIST CERTIFIED BY THE SOCIETY OF CALIFORNIA ARCHAEOLOGY (SCA) OR THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO INSPECT, EVALUATE AND PROVIDE FINDINGS OF SIGNIFICANCE REGARDING ANY POTENTIAL FIND.
25. TRAFFIC CONTROL - SEE TRAFFIC CONTROL REQUIREMENTS, PAGE 3.
26. HORIZONTAL AND VERTICAL DIMENSIONS PROVIDED ON THE DRAWINGS ARE APPROXIMATE. FIELD MEASUREMENTS MAY VARY FROM THOSE ON THE DRAWINGS. ADJUSTMENTS TO LINE AND GRADE MAY BE MADE BY THE ENGINEER DURING CONSTRUCTION. PAYMENT WILL BE BASED ON QUANTITIES INSTALLED.
27. SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO, IS INSUFFICIENTLY OR INCORRECTLY DETAILED OR EXPLAINED ON THESE PLANS, CONTRACTOR SHALL CONTACT THE CITY'S REPRESENTATIVE FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.
28. THE CONTRACTOR SHALL NOTIFY THE CITY'S REPRESENTATIVE IMMEDIATELY, UPON DISCOVERY OF ANY POTENTIAL FIELD CONFLICTS.
29. DIMENSIONS, IF SHOWN, ARE TO THE FACE OF CURB.
30. PROPERTY LINES ARE SHOWN FROM RECORD DATA AND DO NOT REPRESENT A FIELD SURVEY.

APPROVAL/COORDINATION NOTES:

31. THE CONTRACTOR SHALL PREPARE AND DISTRIBUTE FLIERS AND DOOR KNOB HANGARS TO THE RESIDENTS AND BUSINESSES AT LEAST ONE (1) WEEK IN ADVANCE OF WORK IN THEIR AREA.
32. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL PERMITS NECESSARY TO PERFORM THE WORK SHOWN IN THESE PLANS FROM THE APPROPRIATE AGENCIES, PRIOR TO PERFORMING ANY WORK.
33. THE CONTRACTOR SHALL COMPLY WITH ALL LOCAL SOUND CONTROL AND NOISE LEVEL RULES, REGULATION AND ORDINANCES WHICH APPLY TO ANY WORK PERFORMED UNDER THE CONTRACT. EACH INTERNAL COMBUSTION ENGINE USED ON THE PROJECT SHALL BE EQUIPPED WITH A MUFFLER RECOMMENDED BY THE MANUFACTURER. NO INTERNAL COMBUSTION ENGINE SHALL BE OPERATED ON THE PROJECT WITHOUT SAID MUFFLER. NOISE LEVELS SHALL BE KEPT TO THE SATISFACTION OF THE CITY.
34. ALL WORK SHALL CONFORM TO THE CITY OF ALBANY STANDARD SPECIFICATIONS DATED DECEMBER 2015, THE CITY OF ALBANY STANDARD DETAILS, THE CALTRANS STANDARD SPECIFICATIONS (CURRENT EDITION) WHEN REFERENCED, AND TO THE SPECIAL PROVISIONS FOR THIS PROJECT.
35. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE CITY, OTHER CONTRACTORS WORKING IN THE AREA AND WITH APPROPRIATE UTILITY COMPANIES.
36. NO OPEN EXCAVATION SHALL BE LEFT UNSUPERVISED AT ANY TIME.

SURFACE RESTORATION NOTES:

37. ALL PAVEMENT CUTS SHALL BE SAWCUT. SMOOTH AND VERTICAL THE PAVEMENT AREA BEING REMOVED SHALL BE RECTANGULAR, UNLESS SHOWN OTHERWISE ON PLANS.
38. CONTRACTOR SHALL RESTORE ALL EXISTING PRIVATE AND PUBLIC IMPROVEMENTS TO THEIR EXISTING CONDITION OR BETTER. THIS INCLUDES, BUT IS NOT LIMITED TO ALL LANDSCAPING, IRRIGATION, DRIVEWAYS. AC PAVING. CONCRETE WORK AND UTILITIES UNLESS NOTED OR DIRECTED OTHERWISE BY THE CITY'S REPRESENTATIVE.
39. RIMS OF EXISTING UTILITY BOXES AND OTHER RELATED APPURTENANCES THAT ARE TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION AND SHALL BE ADJUSTED TO FINISH GRADES TO MAINTAIN ACCESSIBLE PATH. ANY DAMAGE RESULTING TO EXISTING UTILITY FACILITIES FROM CONTRACTOR OPERATIONS SHALL BE REPAIRED AS DIRECTED BY THE APPROPRIATE AGENCY AT NO ADDITIONAL COST TO THE CITY OR UTILITY OWNER.
40. ALL MANHOLES, VALVES AND MONUMENT FRAMES SHALL BE SET TO FINISH GRADE AFTER/DURING PAVING AND TO MAINTAIN ACCESSIBLE PATH.
41. PROVIDE SMOOTH CONFORMS TO EXISTING A.C. PAVEMENT.

TRAFFIC CONTROL REQUIREMENTS:

42. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL PREPARE A TRAFFIC CONTROL PLAN SHOWING SIGN PLACEMENT, FLAGGERS, ETC. FOR APPROVAL BY THE CITY OF ALBANY. ALL TEMPORARY SIGNS, LIGHTS AND DEVICES SHALL BE IN ACCORDANCE WITH THE CALIFORNIA STATE DIVISION OF HIGHWAYS "MANUAL OF TRAFFIC CONTROL FOR CONSTRUCTION AND MAINTENANCE WORK ZONES", CURRENT EDITION.
43. AT LEAST 1 WEEK BEFORE THE START OF CONSTRUCTION, THE CONTRACTOR SHALL POST TYPE I SIGNS AT APPROPRIATE LOCATIONS AT AREA OF WORK TO BE STARTED FIRST.
44. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ALLOW EMERGENCY VEHICLES TO PASS THROUGH THE CONSTRUCTION ZONES WITHOUT ANY DELAYS.
45. MAINTAIN ONE TEN-FOOT TRAFFIC LANE IN EACH DIRECTION IN PUBLIC STREETS AT ALL TIMES DURING WORKING HOURS OR PROVIDE FLAGGERS PER CALTRANS REQUIREMENTS.
46. NO OPEN EXCAVATION SHALL BE LEFT UNSUPERVISED AT ANY TIME.
47. DURING NON-WORKING HOURS, ALL TRENCHES SHALL EITHER BE BACKFILLED OR COVERED WITH STEEL PLATES, AND ALL STREETS AND DRIVEWAYS OPEN TO NORMAL TRAFFIC.
48. IF DRIVEWAYS WILL BE TEMPORARILY BLOCKED, ARRANGE WITH PROPERTY OWNERS IN ADVANCE SO THEY CAN MOVE VEHICLES.
49. PROVIDE SIGNAGE AND FLAGGERS AS NECESSARY TO DETOUR TRAFFIC AROUND WORK ARE VIA PARALLEL STREETS PER THE APPROVAL OF THE CITY OF ALBANY DEPARTMENT OF PUBLIC WORKS.
50. CONTRACTOR SHALL NOT CLOSE OR OBSTRUCT STREET, WALKS, OR OTHER ADJACENT OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM THE ENGINEER.

DATE	MARK	REVISION	INIT.

Designed by: JGA
 Drawn by: JGA
 Checked by: JAS
 Reviewed by: JAS
 Date: 03/19



155 GRAND AVENUE, SUITE 900
 OAKLAND, CA 94612
 P 510.839.1742 F 510.839.0871

SCALE: 1"=10'

REVIEWED BY:
 (if applicable)

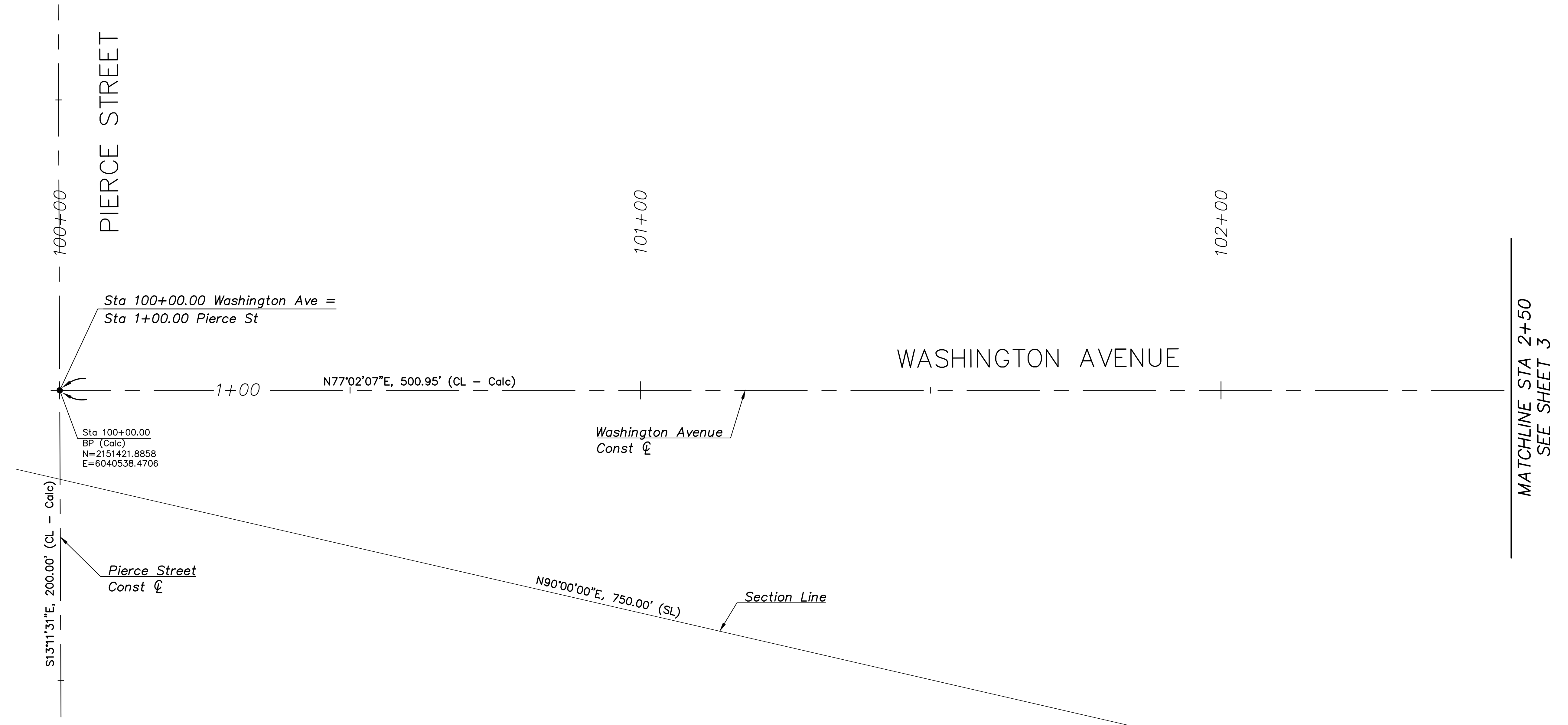
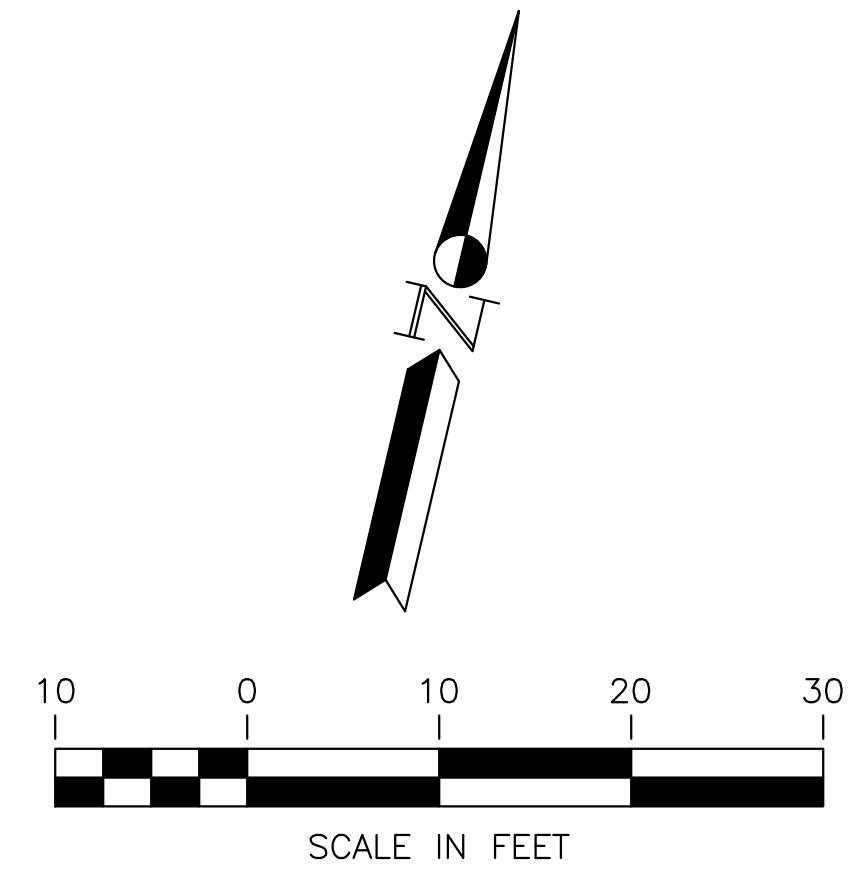
Date: _____

WASHINGTON AVE TRAFFIC CALMING PROJECTS

Albany, Alameda County, California

NOTES SHEET

File: 23312-CD-NOTES SHEET No. 2 of 14



MATCHLINE STA 2+50
SEE SHEET 3

DATE	MARK	REVISION	INIT.

Designed by: JGA
 Drawn by: JGA
 Checked by: JAS
 Reviewed by: JAS
 Date: 03/19

KITTELSON & ASSOCIATES
 155 GRAND AVENUE, SUITE 900
 OAKLAND, CA 94612
 P 510.839.1742 F 510.839.0871

SCALE: 1"=10'

REVIEWED BY:
 (if applicable)

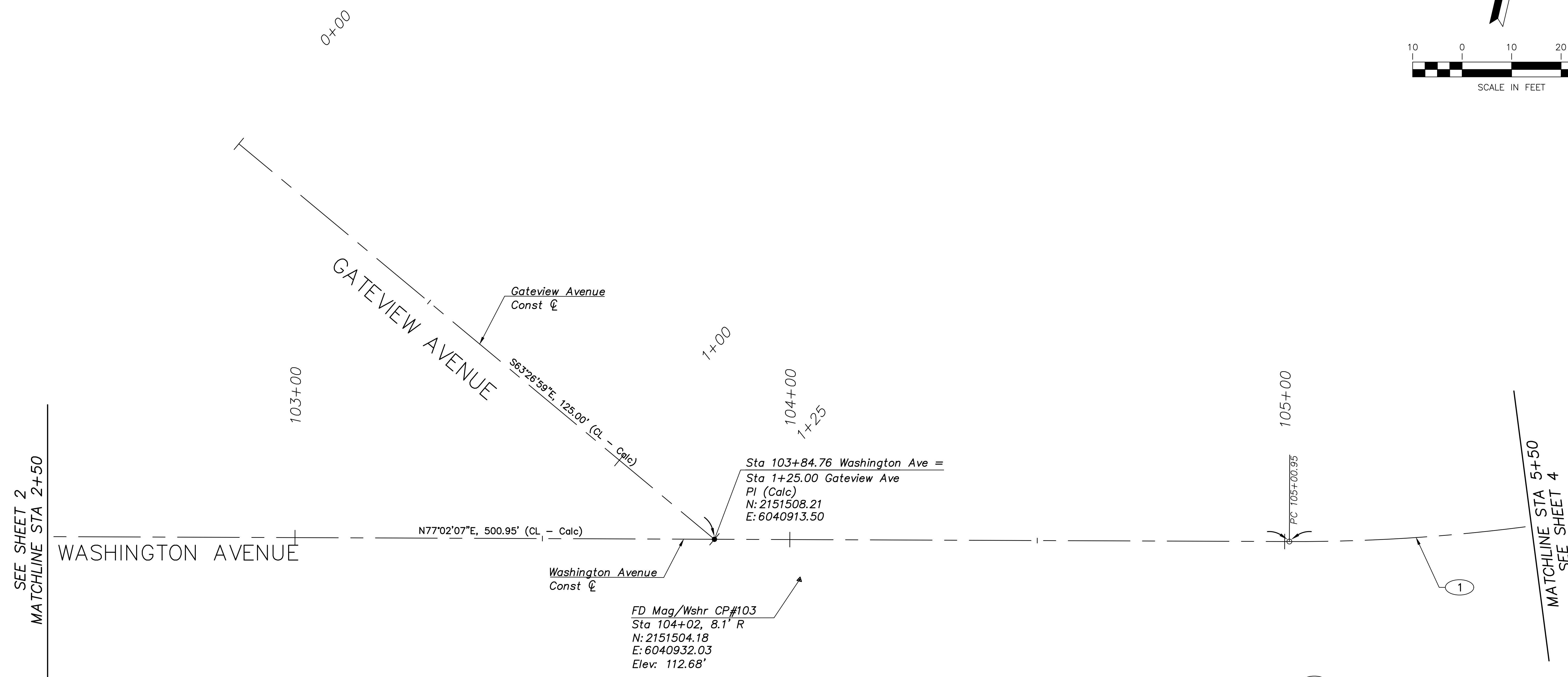
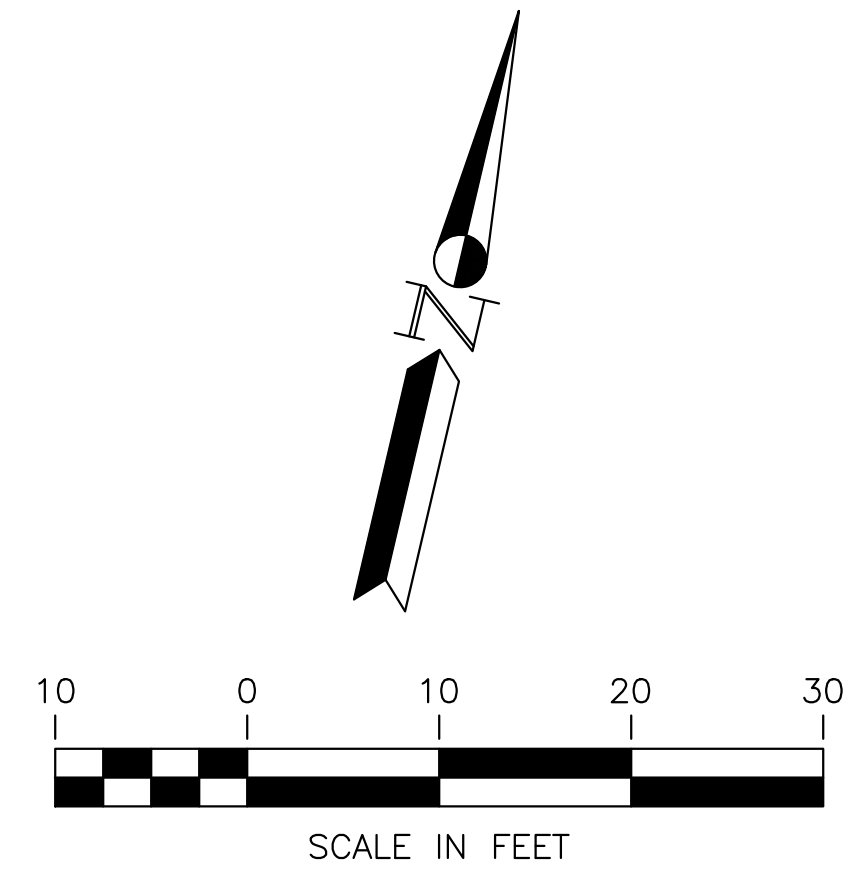
Date: _____

WASHINGTON AVE TRAFFIC CALMING PROJECTS

Albany, Alameda County, California

SURVEY CONTROL PLAN SHEETS

File: 23312-CD-SURVEYCONTROL SHEET No. 3 OF 14



① CURVE DATA
 PI Sta 107+04.77
 $\Delta=59^{\circ}02'07''$
 R=360.00'
 L=370.93'
 T=203.82'

DATE	MARK	REVISION	INIT.

Designed by: JGA
 Drawn by: JGA
 Checked by: JAS
 Reviewed by: JAS
 Date: 03/19

KITTETSON & ASSOCIATES
 155 GRAND AVENUE, SUITE 900
 OAKLAND, CA 94612
 P 510.839.1742 F 510.839.0871

SCALE: 1"=10'

REVIEWED BY:
 (if applicable)

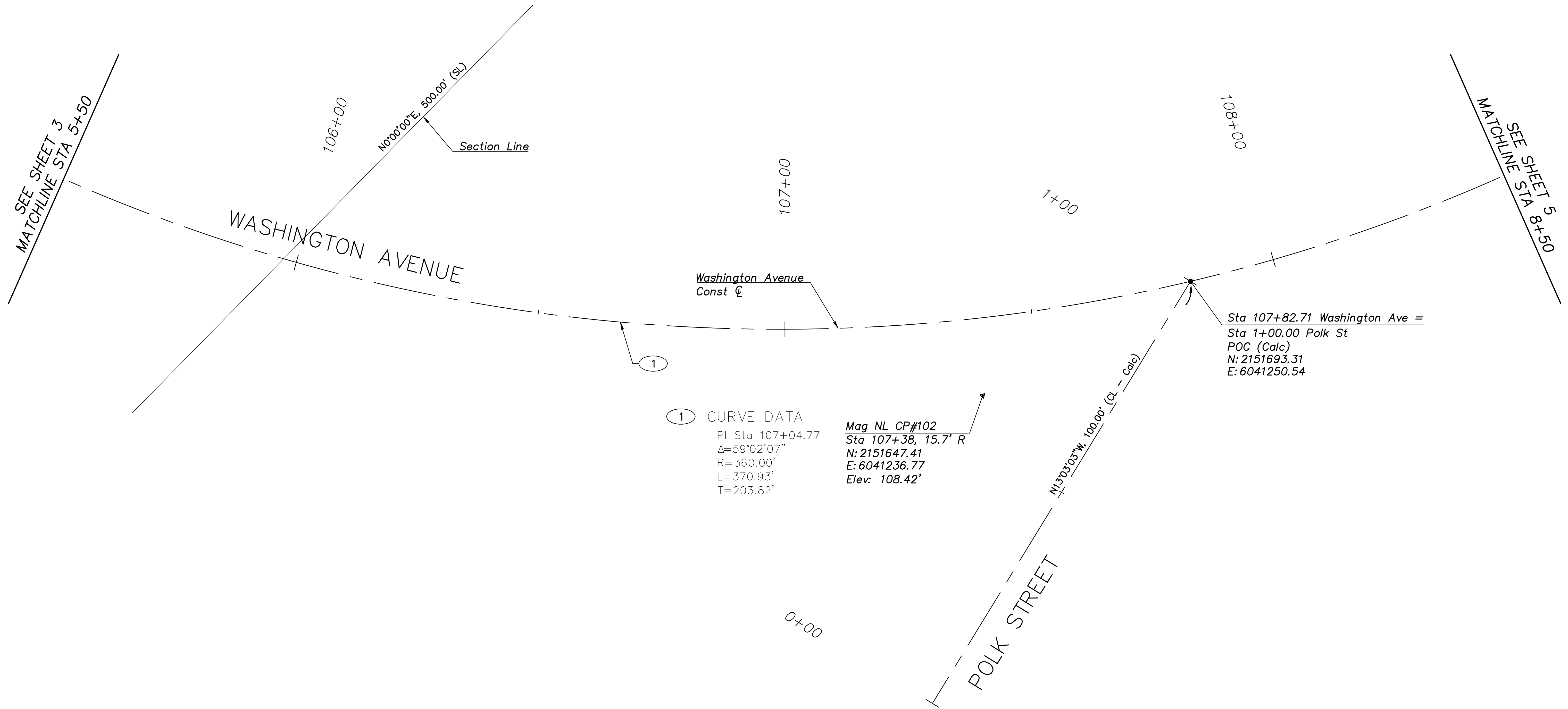
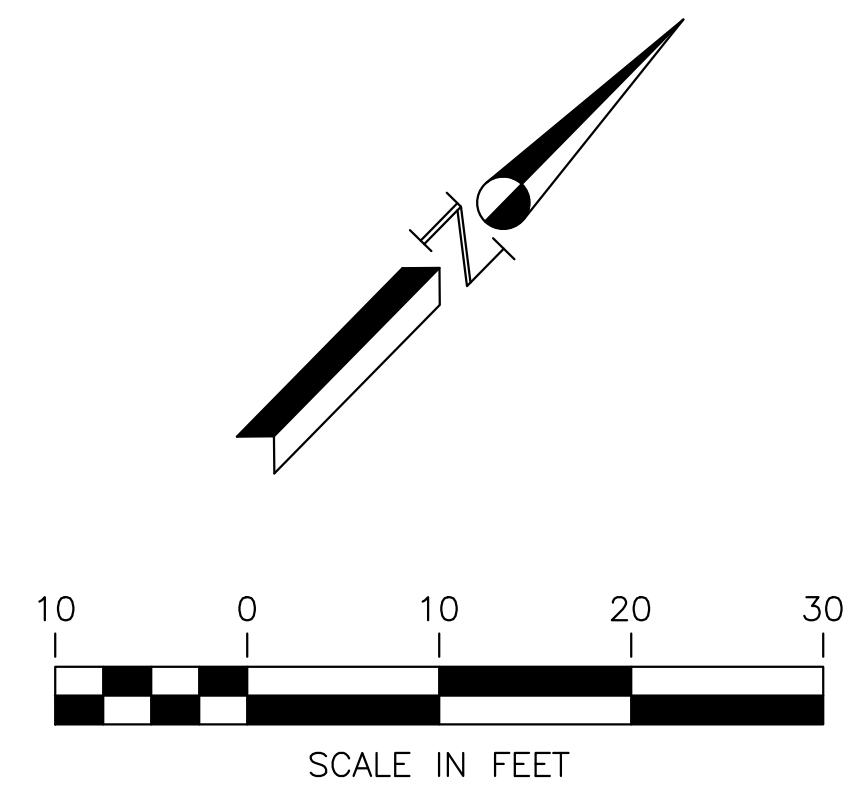
 Date: _____

WASHINGTON AVE TRAFFIC CALMING PROJECTS

Albany, Alameda County, California

SURVEY CONTROL PLAN SHEETS

File: 23312-CD-SURVEYCONTROL SHEET No. 4 OF 14



① CURVE DATA
 PI Sta 107+04.77
 $\Delta=59^{\circ}02'07''$
 R=360.00'
 L=370.93'
 T=203.82'

Mag NL CP#102
 Sta 107+38, 15.7' R
 N: 2151647.41
 E: 6041236.77
 Elev: 108.42'

Sta 107+82.71 Washington Ave =
 Sta 1+00.00 Polk St
 POC (Calc)
 N: 2151693.31
 E: 6041250.54

DATE	MARK	REVISION	INIT.

Designed by: JGA
 Drawn by: JGA
 Checked by: JAS
 Reviewed by: JAS
 Date: 03/19

KITTELSON & ASSOCIATES
 155 GRAND AVENUE, SUITE 900
 OAKLAND, CA 94612
 P 510.839.1742 F 510.839.0871

SCALE: 1"=10'

REVIEWED BY:
 (if applicable)

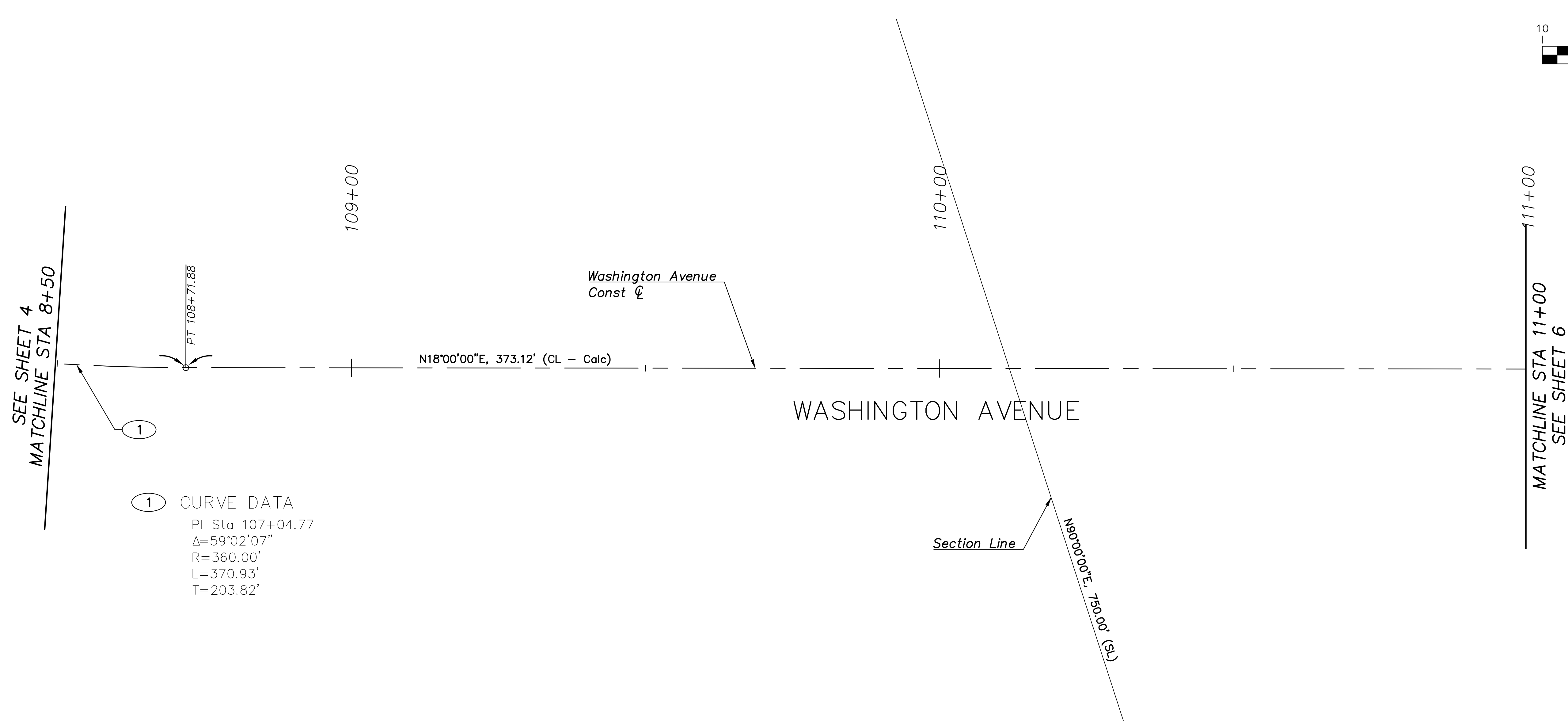
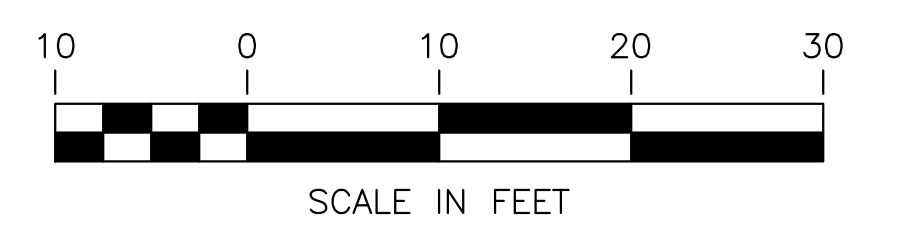
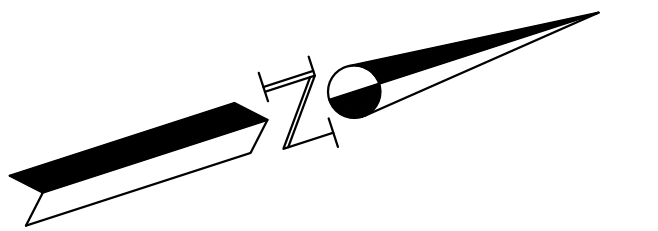
 Date: _____

WASHINGTON AVE TRAFFIC CALMING PROJECTS

Albany, Alameda County, California

SURVEY CONTROL PLAN SHEETS

File: 23312-CD-SURVEYCONTROL SHEET No. 5 OF 14



SEE SHEET 4
MATCHLINE STA 8+50

MATCHLINE STA 11+00
SEE SHEET 6

① CURVE DATA
 PI Sta 107+04.77
 $\Delta=59^{\circ}02'07''$
 $R=360.00'$
 $L=370.93'$
 $T=203.82'$

DATE	MARK	REVISION	INIT.

Designed by: JGA
 Drawn by: JGA
 Checked by: JAS
 Reviewed by: JAS
 Date: 03/19

KITTELSON & ASSOCIATES
 155 GRAND AVENUE, SUITE 900
 OAKLAND, CA 94612
 P 510.839.1742 F 510.839.0871

SCALE: 1"=10'

REVIEWED BY:
 (if applicable)

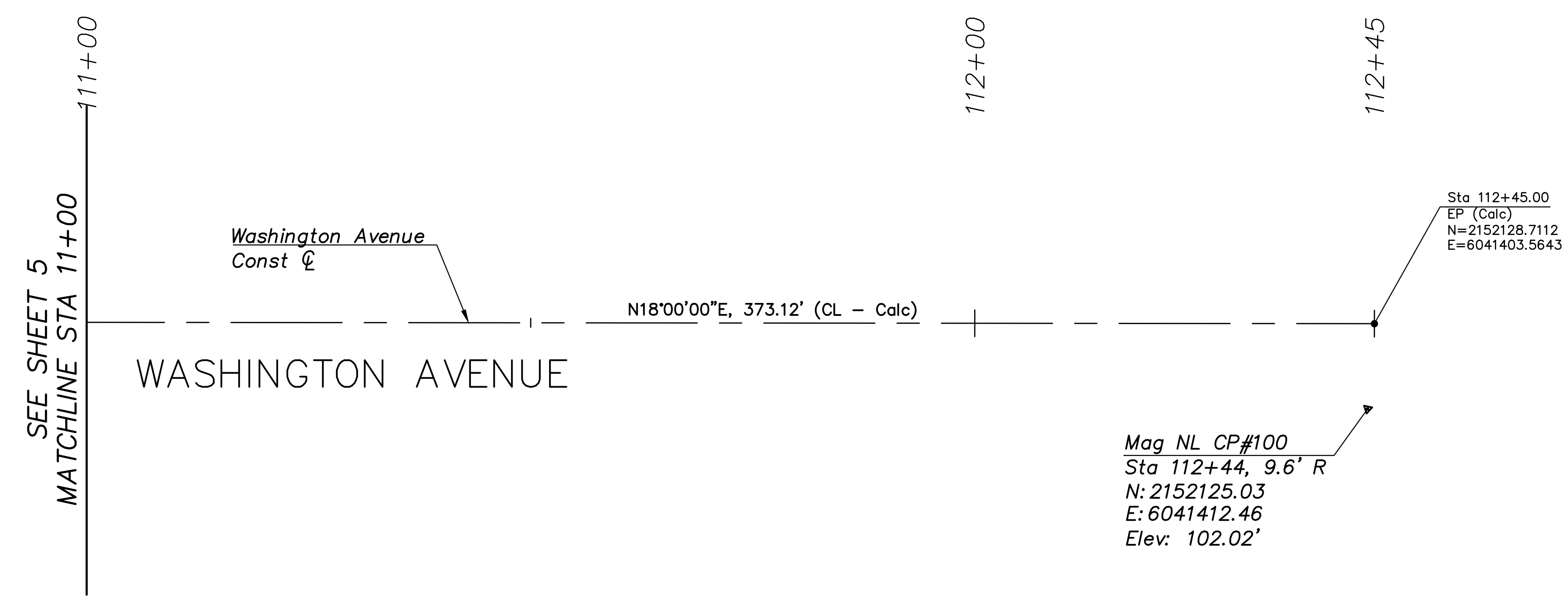
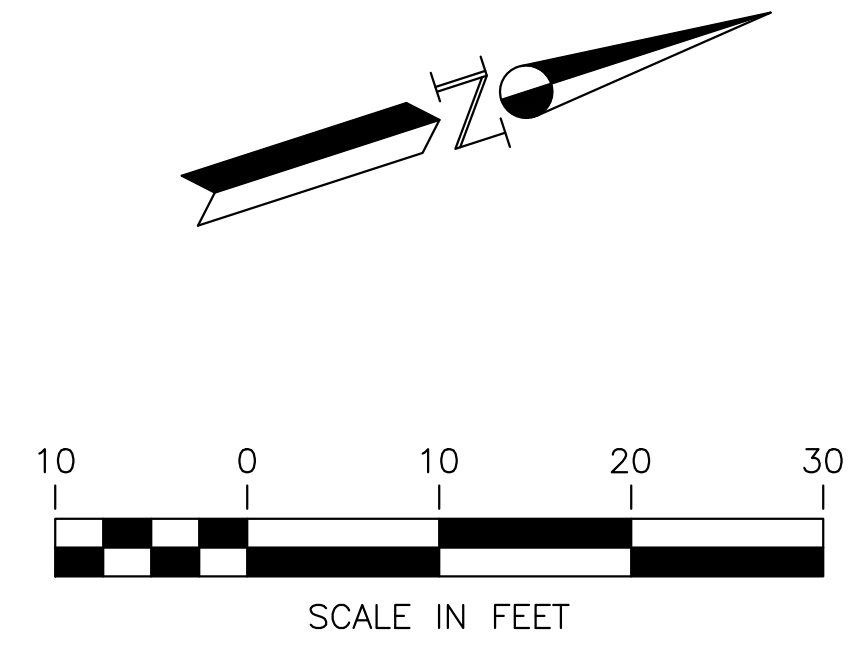
 Date: _____

WASHINGTON AVE TRAFFIC
 CALMING PROJECTS

Albany, Alameda County, California

SURVEY CONTROL
 PLAN SHEETS

File: 23312-CD-SURVEYCONTROL SHEET No. 6 OF 14



DATE	MARK	REVISION	INIT.

Designed by: JGA
 Drawn by: JGA
 Checked by: JAS
 Reviewed by: JAS
 Date: 03/19

KITTELSON & ASSOCIATES
 155 GRAND AVENUE, SUITE 900
 OAKLAND, CA 94612
 P 510.839.1742 F 510.839.0871

SCALE: 1"=10'

REVIEWED BY:
 (if applicable)

 Date: _____

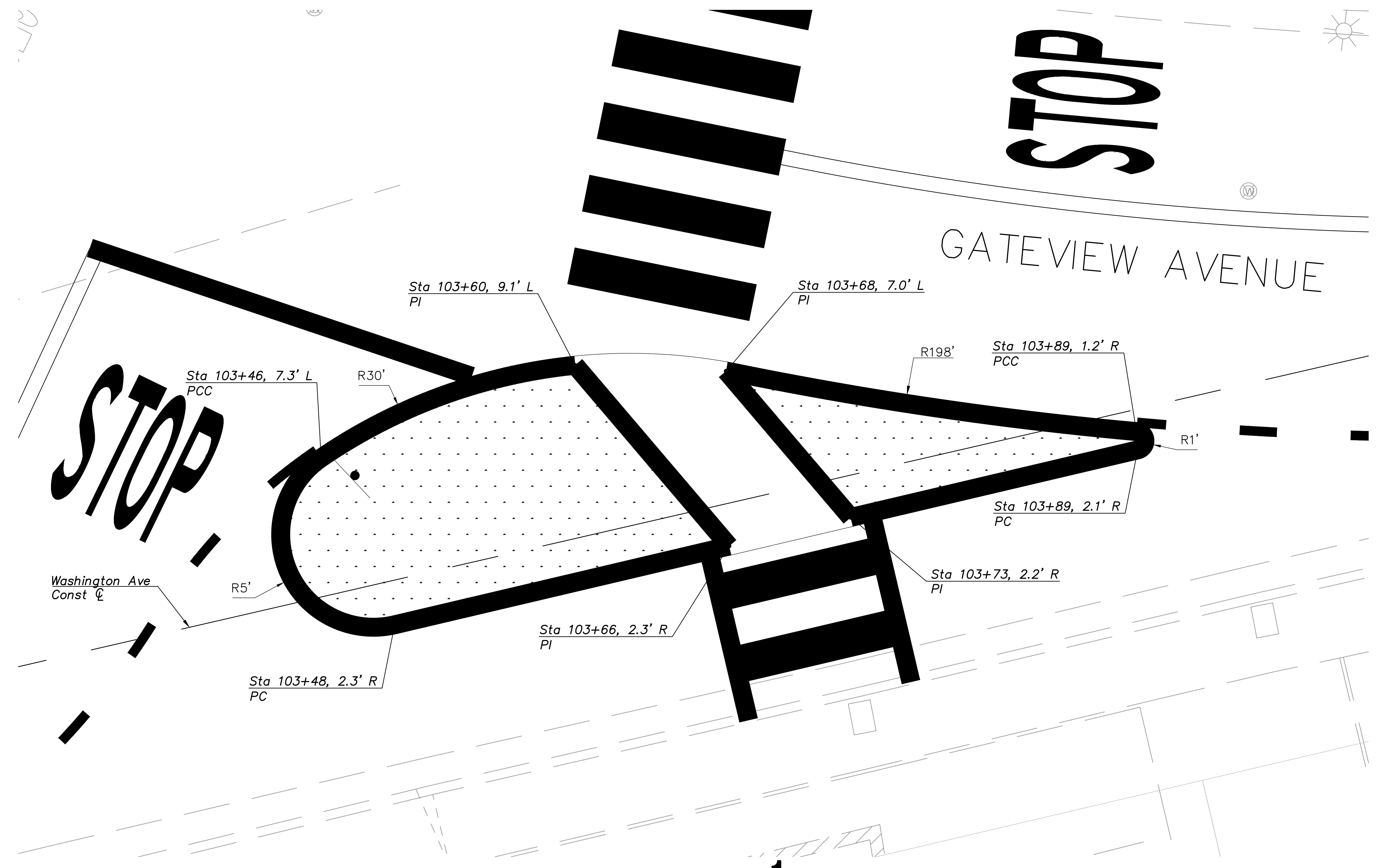
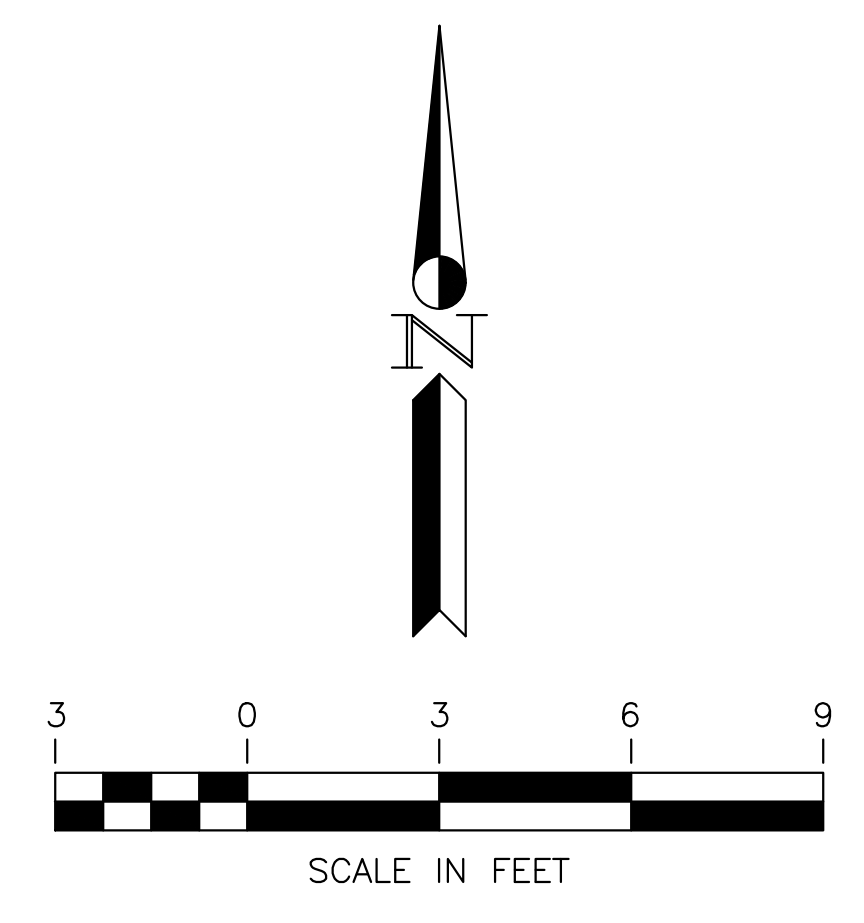
WASHINGTON AVE TRAFFIC
 CALMING PROJECTS

Albany, Alameda County, California

SURVEY CONTROL
 PLAN SHEETS

File: 23312-CD-SURVEYCONTROL SHEET No. 7 OF 14

27-



DETAIL 11
 RAISED CROSSWALK DETAIL
 SCALE 1"=2'

- Notes:**
1. Raised crosswalk based on City of Albany Standard Speed Hump and Pavement Marking Detail. See detail for additional information not shown here.
 2. Modifications to the speed hump detail are:
 - Speed hump height will be increased to match curb height
 - Speed hump length will be decreased to reduce impact to nearby driveways
 - Speed hump will be placed over gutter to connect to existing sidewalk

DATE	MARK	REVISION	INIT.

Designed by:	JGA
Drawn by:	JGA
Checked by:	JAS
Reviewed by:	JAS
Date:	03/19

KITTELSON & ASSOCIATES
 155 GRAND AVENUE, SUITE 900
 OAKLAND, CA 94612
 P 510.839.1742 F 510.839.0871

SCALE: 1"=10'

REVIEWED BY: (if applicable)	
Date:	

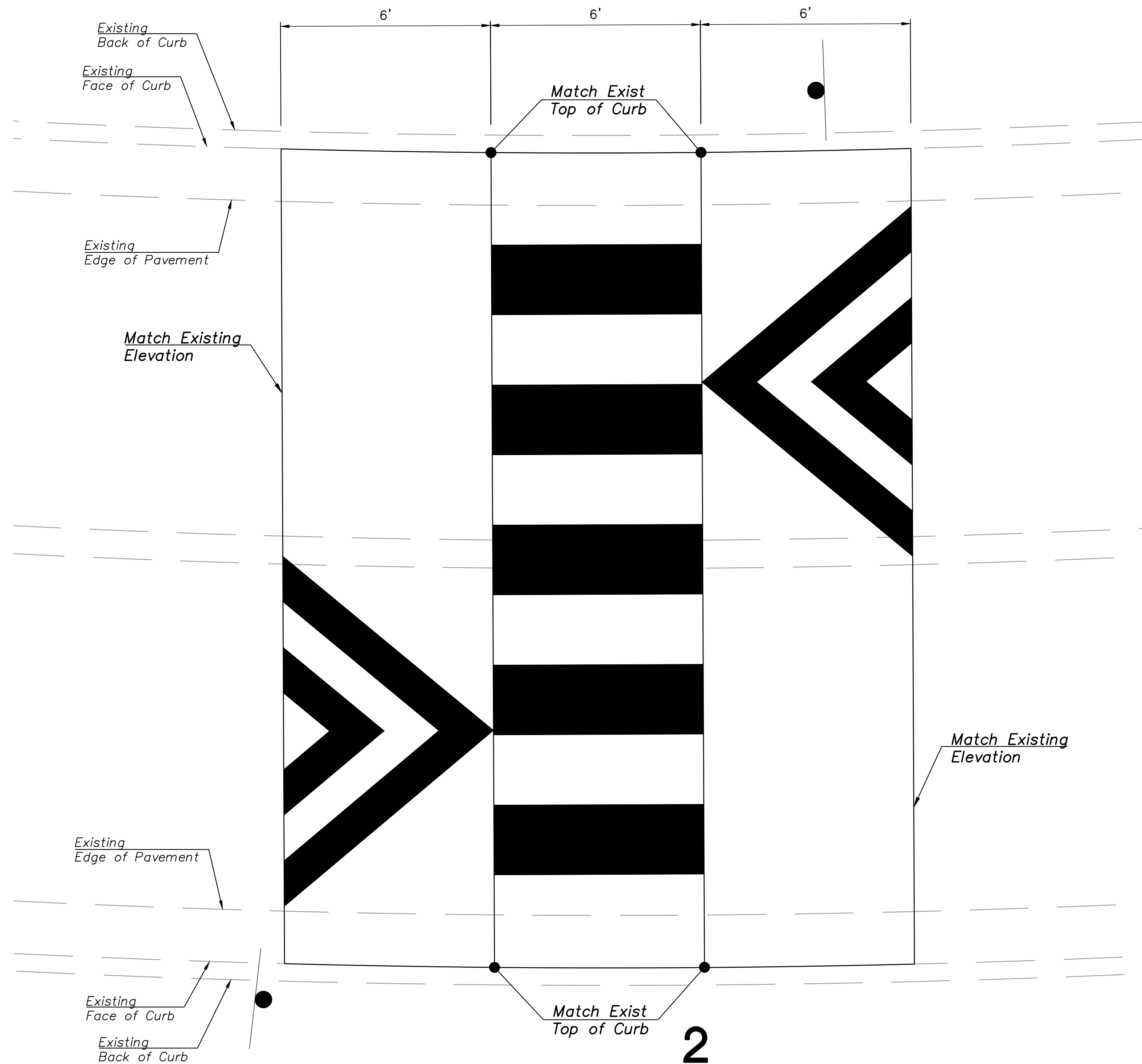
WASHINGTON AVE TRAFFIC CALMING PROJECTS

Albany, Alameda County, California

CIVIL DETAILS PLAN SHEETS

File: 23312-CD-DETAILS SHEET No. 8 OF 14

- Notes:
1. Raised crosswalk based on City of Albany Standard Speed Hump and Pavement Marking Detail. See detail for additional information not shown here.
 2. Modifications to the speed hump detail are:
 - Speed hump height will be increased to match curb height
 - Speed hump length will be decreased to reduce impact to nearby driveways
 - Speed hump will be placed over gutter to connect to existing sidewalk



DETAIL 11
 RAISED CROSSWALK DETAIL
 SCALE 1"=2'

DATE	MARK	REVISION	INIT.

Designed by:	JGA
Drawn by:	JGA
Checked by:	JAS
Reviewed by:	JAS
Date:	03/19

KITTELSON & ASSOCIATES
 155 GRAND AVENUE, SUITE 900
 OAKLAND, CA 94612
 P 510.839.1742 F 510.839.0871

SCALE: 1"=10'

REVIEWED BY:
 (if applicable)

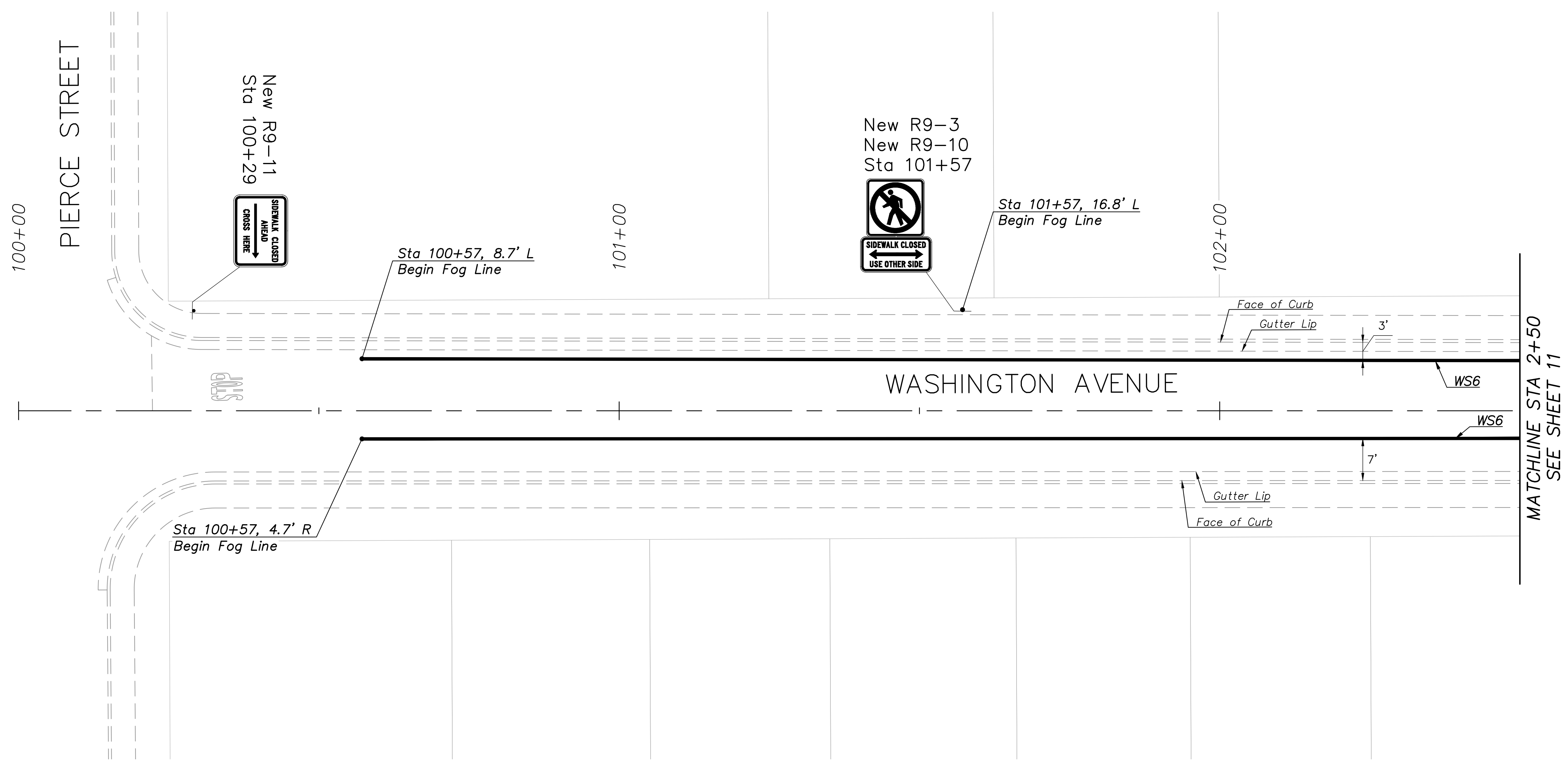
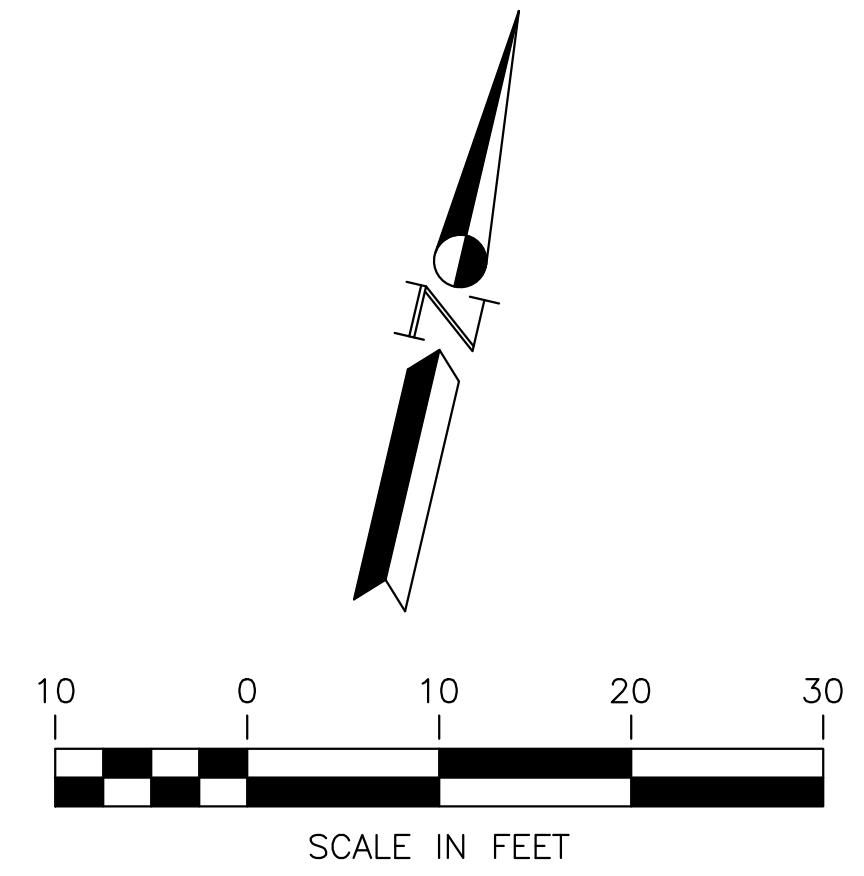
 Date: _____

WASHINGTON AVE TRAFFIC
 CALMING PROJECTS

Albany, Alameda County, California

CIVIL DETAILS
 PLAN SHEETS

File: 23312-CD-DETAILS SHEET No. 9 OF 14



DATE	MARK	REVISION	INIT.

Designed by: JGA
 Drawn by: JGA
 Checked by: JAS
 Reviewed by: JAS
 Date: 03/19


KITTELSON & ASSOCIATES
 155 GRAND AVENUE, SUITE 900
 OAKLAND, CA 94612
 P 510.839.1742 F 510.839.0871

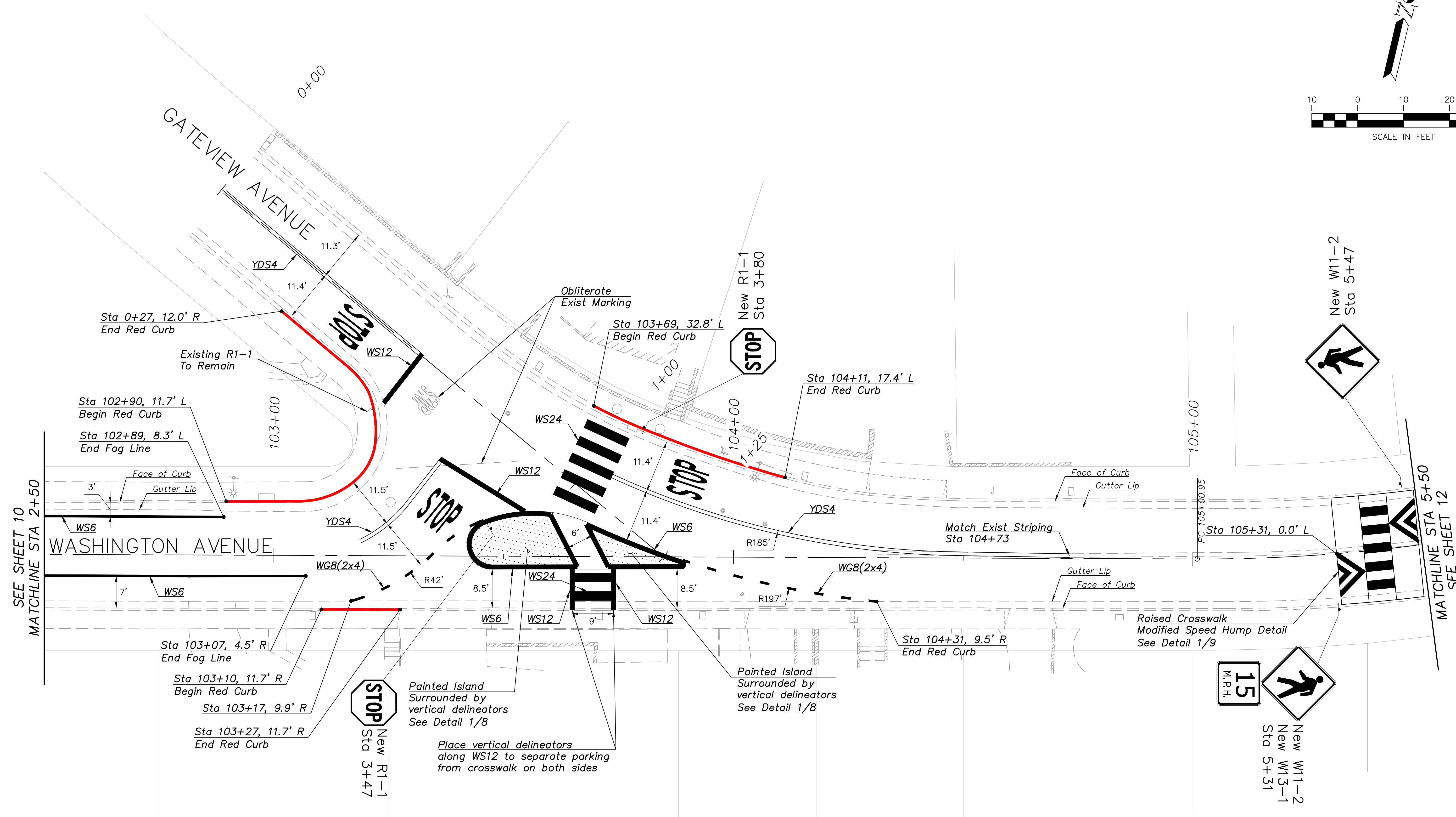
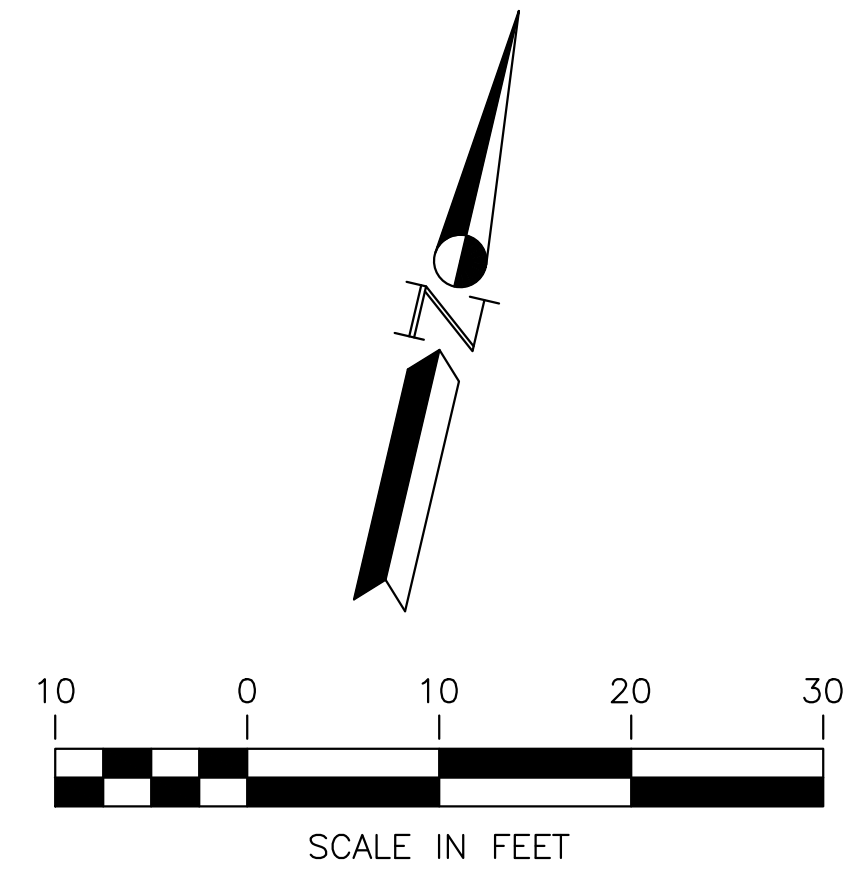
SCALE: 1"=10'

REVIEWED BY:
 (if applicable)

 Date: _____

WASHINGTON AVE TRAFFIC
 CALMING PROJECTS
 Albany, Alameda County, California

SIGNING AND STRIPING
 PLAN SHEETS
 File: 23312-CD-SIGNSTRIPES SHEET No. 10 OF 14



DATE	MARK	REVISION	INIT.

Designed by: JGA
 Drawn by: JGA
 Checked by: JAS
 Reviewed by: JAS
 Date: 03/19

KITTELSON & ASSOCIATES
 155 GRAND AVENUE, SUITE 900
 OAKLAND, CA 94612
 P 510.839.1742 F 510.839.0871

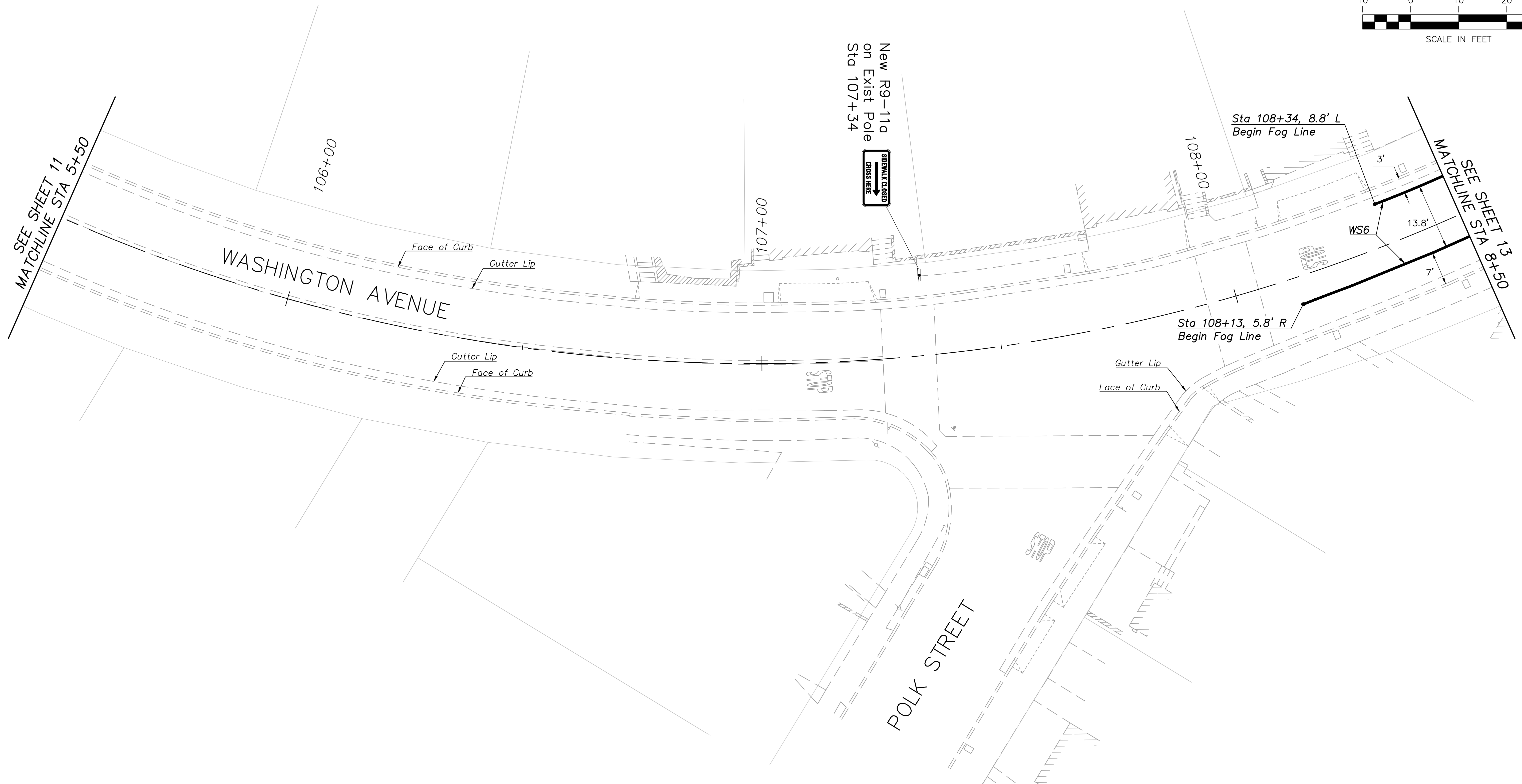
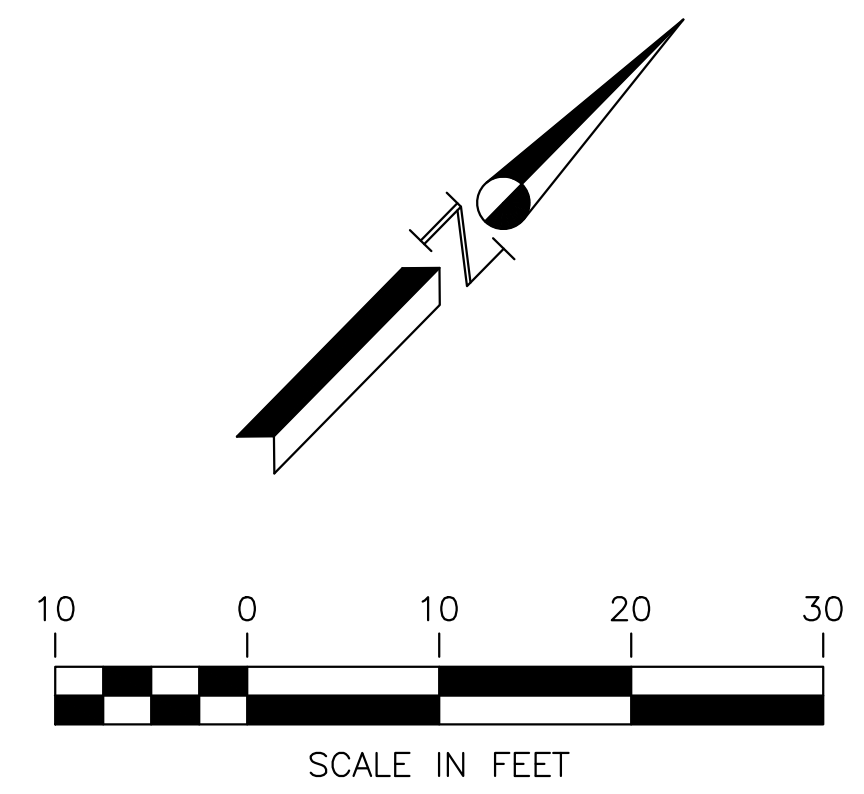
SCALE: 1"=10'

REVIEWED BY:
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Date: _____

WASHINGTON AVE TRAFFIC CALMING PROJECTS
 Albany, Alameda County, California

SIGNING AND STRIPING PLAN SHEETS
 File: 23312-CD-SIGNSTRIPES SHEET No. 11 OF 14



DATE	MARK	REVISION	INIT.

Designed by: JGA
 Drawn by: JGA
 Checked by: JAS
 Reviewed by: JAS
 Date: 03/19

KITTELSON & ASSOCIATES
 155 GRAND AVENUE, SUITE 900
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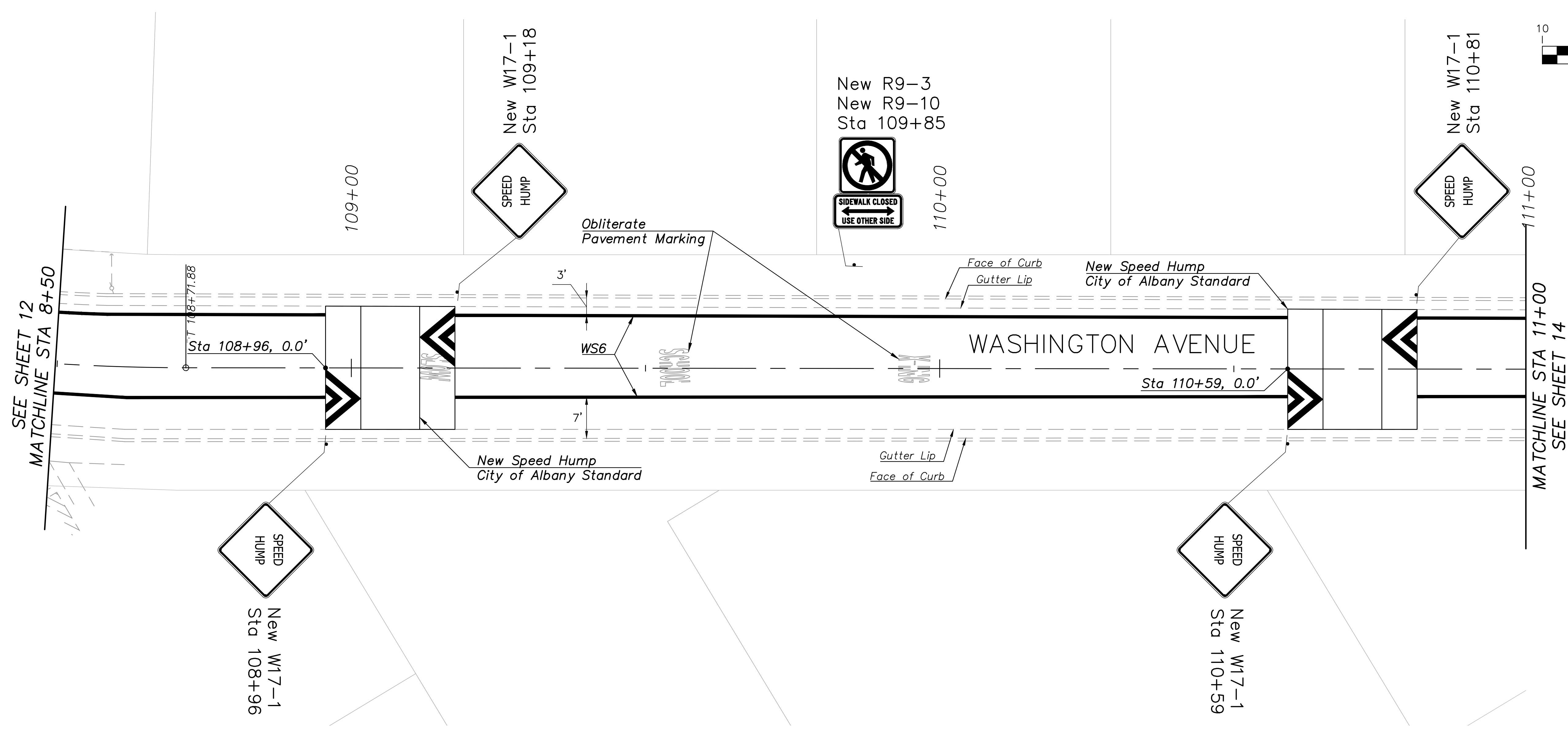
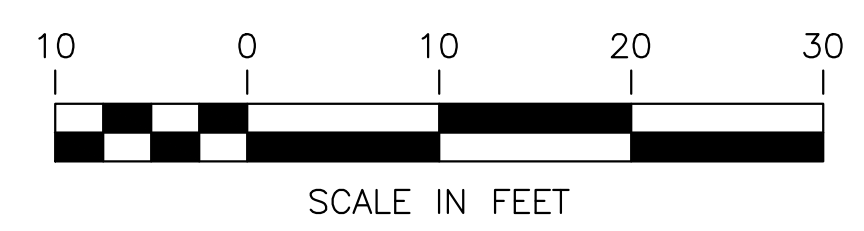
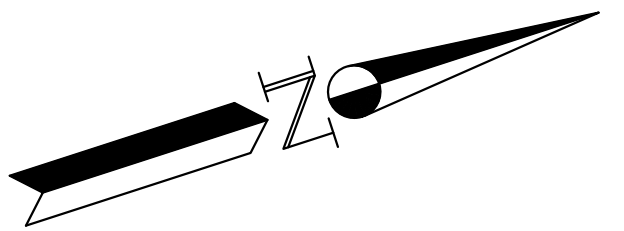
SCALE: 1"=10'

REVIEWED BY:
 (if applicable)

 Date: _____

WASHINGTON AVE TRAFFIC CALMING PROJECTS
 Albany, Alameda County, California

SIGNING AND STRIPING PLAN SHEETS
 File: 23312-CD-SIGNSTRIPE SHEET No. 12 OF 14



DATE	MARK	REVISION	INIT.

Designed by:	JGA
Drawn by:	JGA
Checked by:	JAS
Reviewed by:	JAS
Date:	03/19


KITTELSON & ASSOCIATES
 155 GRAND AVENUE, SUITE 900
 OAKLAND, CA 94612
 P 510.839.1742 F 510.839.0871

SCALE: 1"=10'

REVIEWED BY:
 (if applicable)

 Date: _____

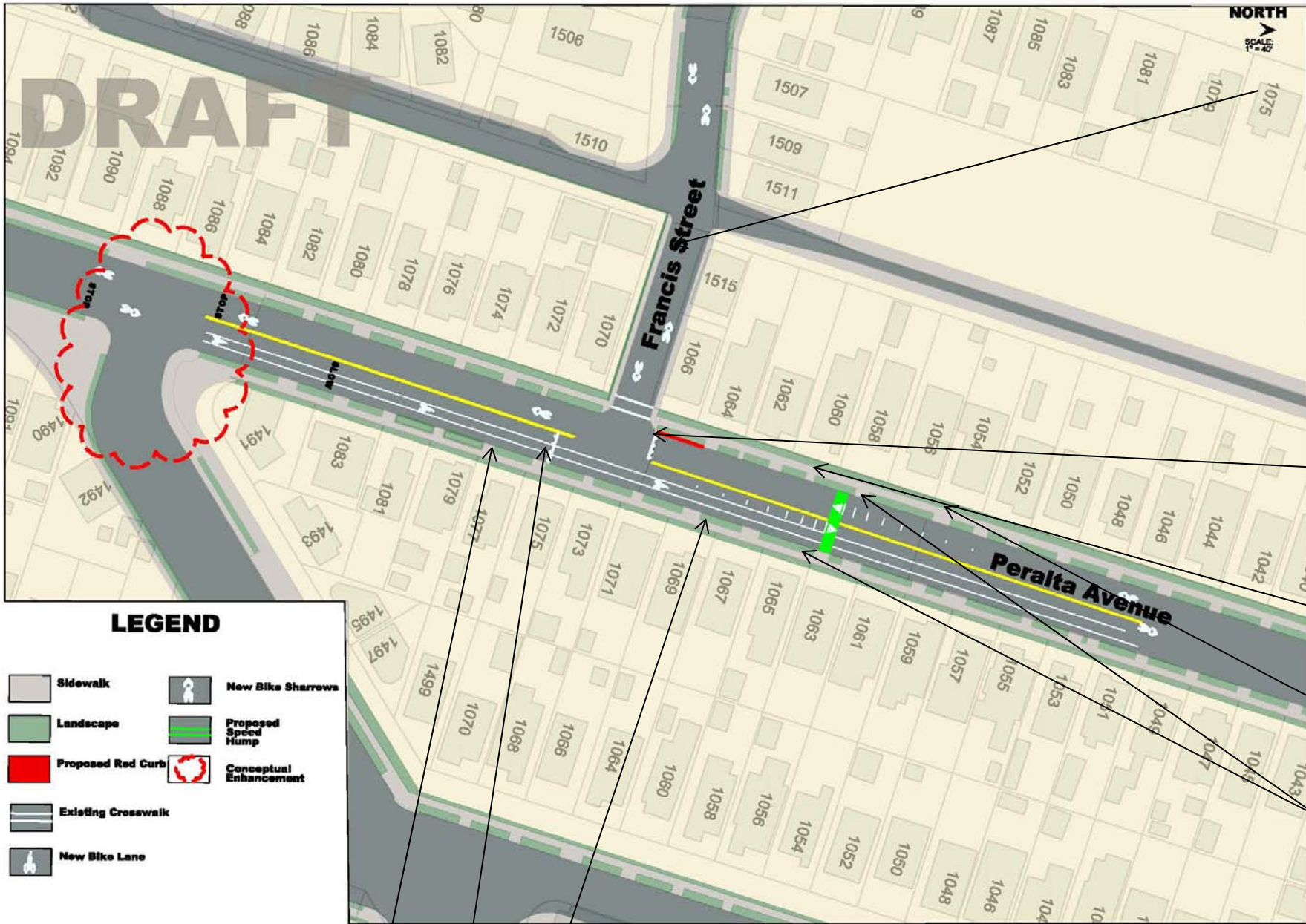
WASHINGTON AVE TRAFFIC CALMING PROJECTS
 Albany, Alameda County, California

SIGNING AND STRIPING PLAN SHEETS
 File: 23312-CD-SIGNSTRIPE SHEET No. 13 OF 14



1

DRAFT



LEGEND

- Sidewalk
- Landscape
- Proposed Red Curb
- Existing Crosswalk
- New Bike Lane
- New Bike Sharrows
- Proposed Speed Hump
- Conceptual Enhancement

NORTH
SCALE 1"=40'



W2-4

CROSS TRAFFIC DOES NOT STOP

W4-4P



R1-5



W2-2



W17-1



W2-2



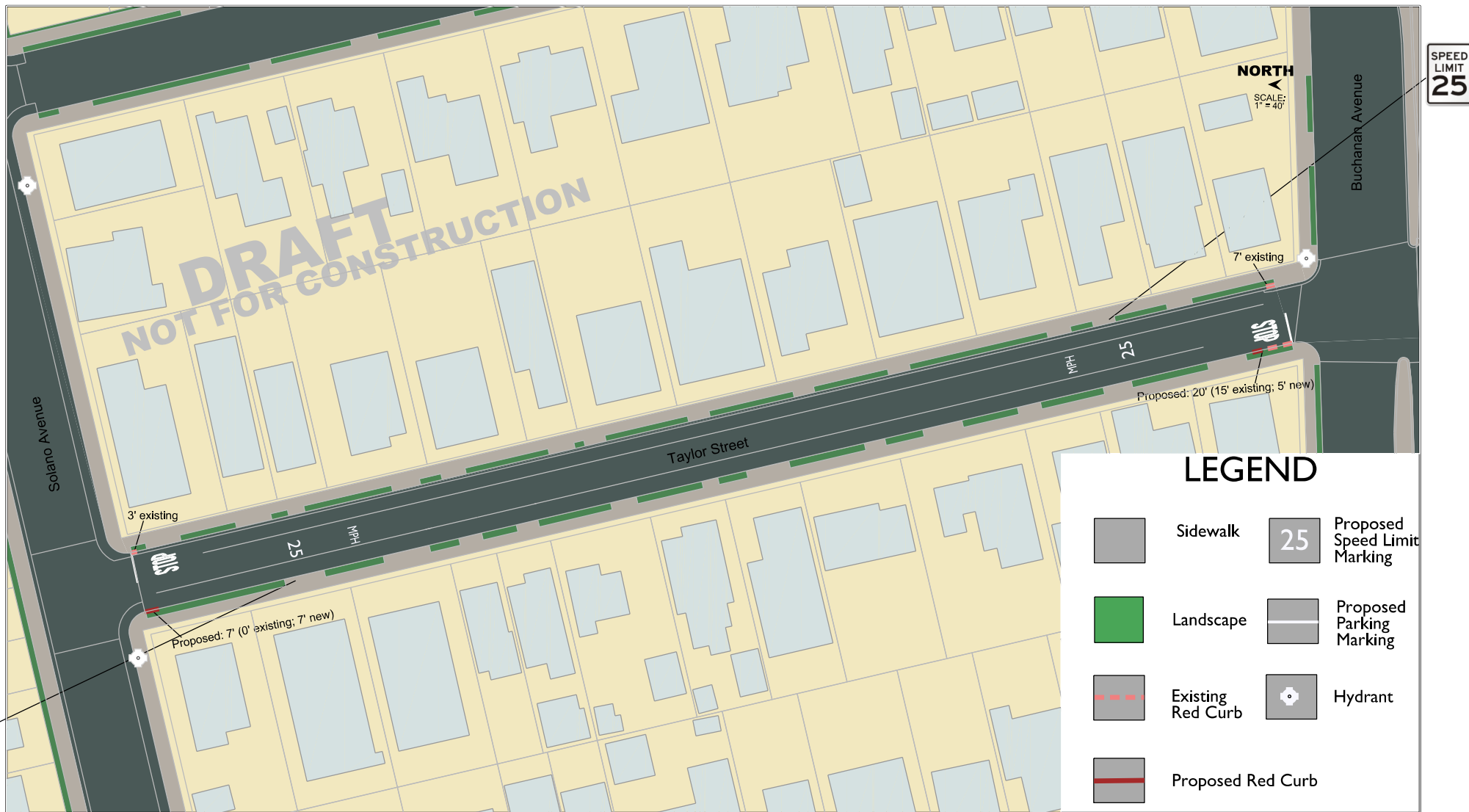
R1-5



Peralta Avenue and Francis Street Traffic Calming Concept

Phase I: Red Curb
Phase II: Speed Hump

December 14, 2016



Notes:
 Existing red curb measurements are based on Google Earth observations
 Proposed 20' red curb dimensions are based on guidance from the CA MUTCD
 25 MPH pavement markings shall be consistent with Caltrans Standard Plans, 2015

Taylor Street Pavement Marking Concept

May 26, 2016