

**NOTICE: THIS ADDENDUM CONTAINS IMPORTANT
INFORMATION THAT AFFECTS YOUR BID– PLEASE RESPOND IMMEDIATELY**

CITY OF ALBANY
Alameda County, California

***MARIN UTILITY UNDERGROUNDING, RECYCLED
WATER PIPELINE, AND BUCHANAN BIKEWAY
PHASE III***

ADDENDUM NO. 2 – February 15, 2017

The Contract Documents are modified as set forth below:

- 1. In the Published Plan Set for this project, Sheets C-4.1 are modified to show the Limits of Work for Slurry Seal, as indicated by the dashed line between and by the Layout Note number 6.**
- 2. Clarification on Bid Award:** The bid will be awarded on the basis of the total of both schedules, A and B.
- 3. In the published Invitation to Bid, Bidder’s Proposal (BID), Bid Schedule B – Underground, Bikeway, and Surface Improvements,** The concrete work detailed in sheet C-9 of the Published Plans Set, The median island at Marin and San Pablo Avenue is represented in BID Item 306 “Concrete Vertical Curb.”
- 4. In the published Invitation to Bid, Bidder’s Proposal (BID), Bid Schedule B – Underground, Bikeway, and Surface Improvements,** The tree grate specified in sheet C-9 of the Published Plans Set, has been added to Schedule B as BID Item 601 “Metal Tree Frame and Concrete Band” and will be measured as “each.”
- 5. In the published Invitation to Bid, General Conditions, Page 119 of Section 10-39 was re-labeled as “Landscape Improvements” and added**

to the Published Specifications. Page 120, Section 10-39.02 “Metal Tree Frame and Concrete Band” was added to this document The added language is shown highlighted in yellow.

This Addendum, consisting of six (6) pages, including these two pages, and one (1) Plan Set Sheet No. C-4.1 shall become part of Contract No.C17-1.

Every bidder shall acknowledge receipt of this Addendum by *immediately signing below and returning this Addendum by email to achavez@albanyca.org*. The contractor is reminded that signing the acknowledgment of receipt of addenda in the Proposal is also required.

Attachments:

Page 119 of Published Invitation to Bid, General Conditions

Page 120 of Published Invitation to Bid, General Conditions

Pages 13 and 14 of Bid Schedule B.

Plan Sheet No. C-4.1.

The undersigned acknowledges receipt of this Addendum

Name of Contractor: _____

By (signature): _____ Title: _____

Print name: _____

CITY OF ALBANY - MARIN UTILITY UNDERGROUNDING, RECYCLED WATER PIPELINE,
AND THE BUCHANAN-MARIN BIKEWAY PHASE III PROJECT

Contract No. C17-1

BID SCHEDULE B - UNDERGROUND, BIKEWAY, AND SURFACE IMPROVEMENTS

ITEM	DESCRIPTION	SPEC REFERENCE	UNIT COST	QTY.	UNITS	AMOUNT
100B	MOBILIZATION	10-4		1	LS	\$
101B	WATER POLLUTION CONTROL PROGRAM	10-7		1	LS	\$
102B	TRAFFIC CONTROL	6-4		1	LS	\$
103B	CONSTRUCTION STAKING	10-8		1	LS	\$
200	CLEARING AND GRUBBING	10-15		5,900	SF	\$
201	REMOVE ASPHALT CONCRETE PAVEMENT	10-16		9,350	SF	\$
202	REMOVE SIDEWALK, DRIVEWAY OR CURB RAMP	10-16		4,500	SF	\$
203	REMOVE VERTICAL, MEDIAN OR CURB AND GUTTER	10-16		2,040	LF	\$
204	REMOVE THERMOPLASTIC STRIPING AND MARKING	10-17		1	LS	\$
205	REMOVE AND SALVAGE SIGN POST	10-18		23	EA	\$
206	REMOVE STORM DRAIN LINE	10-19		320	LF	\$
207	REMOVE STORM DRAIN STRUCTURE	10-19		6	EA	\$
300	AGGREGATE BASE	10-22		270	TON	\$
301	ASPHALT CONCRETE PAVEMENT	10-23		200	TON	\$
302	SLURRY SEAL	10-28		5,720	SY	\$
303	CONCRETE SIDEWALK	10-24		2,900	SF	\$
304	CONCRETE DRIVEWAY	10-24		1,150	SF	\$
305	CONCRETE CURB AND GUTTER	10-24		1,290	LF	\$
306	CONCRETE VERTICAL CURB	10-24		540	LF	\$
307	CONCRETE ACCESSIBLE CURB RAMP	10-24		1,300	SF	\$
308	CONCRETE CAST-IN-PLACE DETECTABLE WARNING SURFACE	10-25		2	EA	\$
400	STORM DRAIN PIPE	10-29		370	LF	\$
401	RECTANGULAR SIDEWALK DRAIN	10-30		180	LF	\$
402	STORM DRAIN INLET (TYPE F)	10-31		12	EA	\$
403	STORM DRAIN INLET (JUNCTION STRUCTURE)	10-31		7	EA	\$
404	CONNECTION TO EXISTING STORM DRAIN STRUCTURE	10-32		6	EA	\$
405	ADJUST TO GRADE (WATER METER)	10-33		9	EA	\$
406	ADJUST TO GRADE (SANITARY SEWER CLEANOUT)	10-33		12	EA	\$
407	ADJUST TO GRADE (GAS VALVE)	10-33		1	EA	\$
408	ADJUST TO GRADE (ELECTRICAL MANHOLE)	10-33		1	EA	\$
409	MODIFY WATER SERVICE	10-34		60	LF	\$
410	VARIOUS JOINT TRENCHS (INCLUDES SURFACE RESTORATION)	10-43		6,130	LF	\$
411	#7-BOX	10-42		5	EA	\$
412	DUPLEX TRANSFORMER	10-42		1	EA	\$
413	#6 BOX TRANSFORMER	10-42		3	EA	\$
414	#6-BOX	10-42		3	EA	\$

ITEM	DESCRIPTION	SPEC REFERENCE	UNIT COST	QTY.	UNITS	AMOUNT
415	#5-BOX	10-42		1	EA	\$
416	#3-BOX	10-42		2	EA	\$
417	#2-BOX	10-42		16	EA	\$
418	#1-BOX	10-42		1	EA	\$
419	JUNCTION BOX	10-42		2	EA	\$
420	FVT BOX	10-42		1	EA	\$
421	T4-BOX	10-42		17	EA	\$
422	6' x 9' x 6-5'	10-42		1	EA	\$
423	T2-BOX	10-42		8	EA	\$
424	B-40 BOX	10-42		33	EA	\$
425	B-40 FVT	10-42		2	EA	\$
426	TRAFFIC CONTROL DEVICES FOR JOINT POLE PROTECTION	10-44		1	LS	\$
500	LANE LINE - DETAIL 8	10-35		540	LF	\$
501	TWO WAY LEFT TURN LANE - DETAIL 31	10-35		700	LF	\$
502	CHANNELIZING LANE - DETAIL 38A	10-35		280	LF	\$
503	BIKE LANE LINE - DETAIL 39, 39A	10-35		1,100	LF	\$
504	BIKE LANE BUFFER - SPECIAL STRIPING	10-35		650	LF	\$
505	LANE EXTENSION LINE - DETAIL 40	10-35		400	LF	\$
506	12" WIDE WHITE OR YELLOW CROSSWALK STRIPE	10-35		2,700	LF	\$
507	PAVEMENT MARKING ARROW (TYPE I)	10-35		8	EA	\$
508	PAVEMENT MARKING ARROW (TYPE IV)	10-35		9	EA	\$
509	PAVEMENT MARKING ARROW (TYPE VI)	10-35		2	EA	\$
510	PAVEMENT MARKING ARROW (TYPE VIII)	10-35		1	EA	\$
511	PAVEMENT MARKING (BIKE LANE SYMBOL, TEXT & GREEN PAINT)	10-35		21	EA	\$
512	INSTALL OBJECT, TYPE D, AND MEDIAN SIGNS	10-36		1	LS	\$
513	PAINT CURB	10-36		1	LS	\$
514	EXISTING ROADWAY SIGN ON NEW POST	10-37		22	EA	\$
515	NEW ROADWAY SIGN ON NEW POST	10-37		3	EA	\$
516	FLEX POST BOLLARDS	10-38		6	EA	\$
600	MULCH	10-39		170	CY	\$
601	METAL TREE FRAME AND CONCRETE BAND	10-39		2	EA	\$
700	STREET LIGHT POLES AND FIXTURES	10-40.01		18	EA	\$
701	STREET LIGHT PULL BOX	10-40.04		21	EA	\$
702	STREET LIGHT CONDUIT	10-40.05		1,170	LF	\$
703	STREET LIGHT CONDUCTORS	10-40.06		5,200	LF	\$

TOTAL BASE BID AMOUNT: \$ _____
(Written in numerals)

TOTAL BASE BID AMOUNT: _____
(Written as text)

This work shall consist of installing roadside signs on metal posts of the type and location as shown on the Plans or as directed by the Engineer. Alternatively, the work includes the installation of roadside signs on street light poles and traffic signal standards of the type and location as shown on the Plans or as directed by the Engineer.

All new metal posts shall be Unistrut Telespar 2-inch x 2-inch square posts with yielding breakaway base or equivalent and shall conform to County of Alameda Design Guidelines, DG-606.

Type N, Type P, and Type R marker panels mounted on a post with a roadside sign shall be considered to be Roadside Signs and paid under this section.

Measurement and Payment

"Installation of Roadside Signs" shall be separately measured in a unit of each as determined from field measurement [Bid Item #514 and #515]. The contract unit price paid for this item shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in installing the signs, including pavement coring, excavation, concrete backfill, hardware, and acquisition of the signs of various sizes, as shown in the Plans, as specified in the CSS, SSS and these Special Provisions, and as directed by the Engineer.

The quantity of roadway signs shall be determined by counting the number of individual sign installation locations. Multiple signs on the same post(s) will count as one sign.

10-38. Flexible Bollard

All flexible bollards shall be FlexBollard-Slim, per Flex Post Inc., or approved equal. All bollards shall conform to the provisions in Section 82, "Markers and Delineators" of the SSS and these special provisions.

Base Plate: 9" square 7 gauge steel

Bollard: 32" x 4.5" Polyethylene Bollard with 3M reflective tape

Color: Yellow

Measurement and Payment

"Flexible Bollard" shall be separately measured in a unit of each as determined from field measurement [Bid Item #516]. The contract unit price paid for this item shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals and for doing all work involved in installing the flexible bollards in place, as shown on the plans, as specified in the State CSS, SSS and these Special Provisions, and as directed by the Engineer.

10-39. Landscape Improvements

10-39.01 Mulch

The Contractor shall provide mulch as fill within the concrete curb area on Marin Avenue as shown in the Plans. It shall be a recycled mulch such as WM Earthcare Mulch, color: Muir Woods Brown. 100% clean recycled ground wood mulch of uniform enhanced color, free from weeds, seeds, sawdust and shall not contain eucalyptus, resin, tannin, salts or other compounds detrimental to plant life. Available thru Waste Management at 510.613.8771 or approved equal.

Measurement and Payment

"Mulch" shall be separately measured in a unit of cubic yard as determined from field measurement [Bid Item #600]. The contract unit price paid for this item shall include full compensation for furnishing all the labor, materials, tools, equipment, and incidental, and for doing all the work involved in proving and placing mulch, as shown on the plans, as specified in the CSS, SSS, and these Specifications, and as directed by the Engineer.

10-39.02 Metal Tree Frame and Concrete Band

All metal tree frames to be installed shall comply with Detail 3 shown on Sheet C-9.0 of the construction documents. For the purposes of this section the concrete band around the perimeter of tree frame shall be measured and paid as part of Bid Item #601 and no separate payment will be made. Concrete band shall be installed as shown on Sheet C-9.0, Detail 4 of the construction documents.

Measurement and Payment

"Metal Tree Frame and Concrete Band" shall be separately measured in a unit of each as determined from field measurement [Bid Item #601]. The contract unit price paid for this item shall include full compensation for furnishing all the labor, materials, tools, equipment, and incidental, and for doing all the work involved in proving and placing tree grate and concrete band, as shown on the plans, as specified in the CSS, SSS, and these Specifications, and as directed by the Engineer.

10-40. Street Lighting

Lighting shall conform to the provisions in Section 86-6, "Lighting," of the SSS, the latest edition of the National Electric Code, and these Specifications

10-40.01 Street Light Pole And Fixtures

The Contractor shall furnish and install street light poles, fixtures, and related hardware as shown in the Plans. All fixtures and poles shall be finished gray. All fixtures are the Leotek LED Cobra. The lights shall be: GC1-40F-MV-NW-GY-530 with either a Type 2 or Type 3 distribution. Please see Streetlight plans for exact location.

The Contractor shall install the components per the manufacturer's recommendations. The Contractor shall install pole numbers as provided by Pacific Gas and Electric.

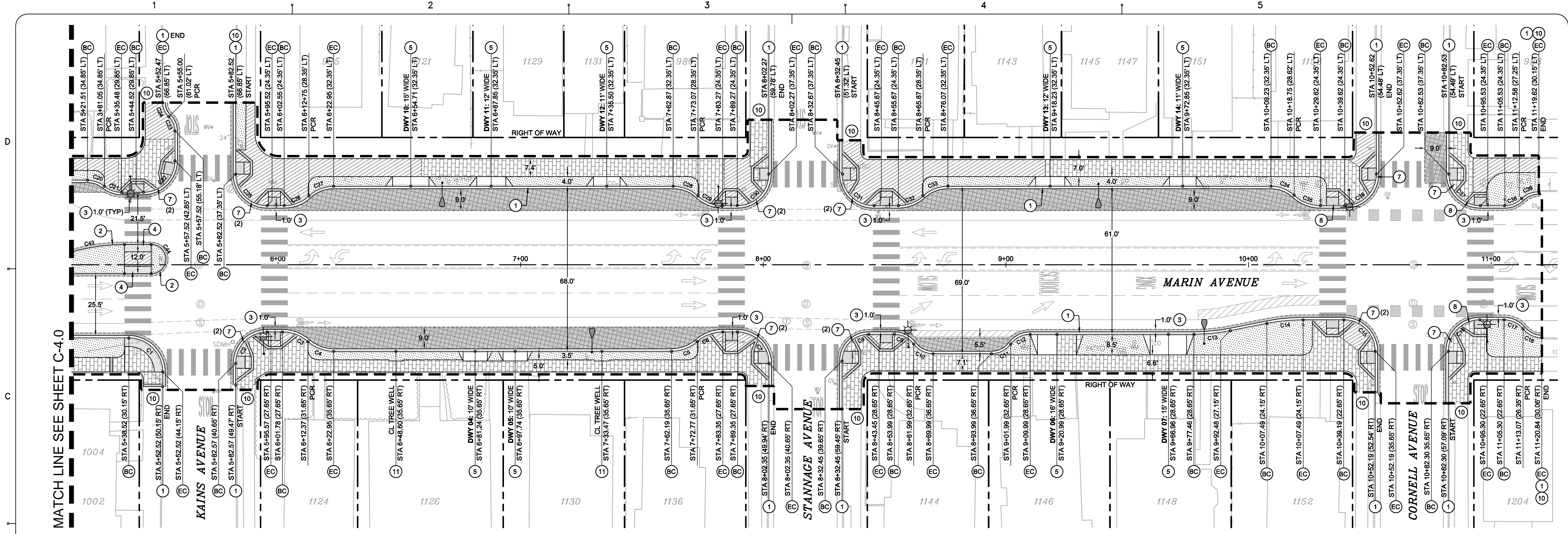
Measurement and Payment

"Street Light Pole and Fixtures" shall be separately measured in a unit of each as determined from field measurement [Bid Item #700]. The contract unit price paid for this item shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all work involved in installation of the Street Light System, including excavation, disposal of unsuitable materials, material for backfill, compaction, routing conduits to pull boxes, and testing, complete in place, as specified in the CSS, SSS and these Specifications, and as directed by the Engineer.

10-40.02 Foundations

Foundations shall conform to the provisions in Section 86-2.03, "Foundations," of the SSS and these Specifications.

Portland cement concrete shall conform to Section 90-10, "Minor Concrete," of the SSS and shall contain not less than 470 pounds of cement per cubic yard/279 kilograms of cement per cubic meter, except that concrete for reinforced pile foundations shall contain not less than 564 pounds of cement per cubic yard.



LEGEND

- PROPOSED**
- RIGHT OF WAY (RW)
 - LIMIT OF WORK - SLURRY SEAL
 - HMA PATCH (6" MINIMUM DEPTH) REFER TO PLANS FOR WIDTH
 - FULL DEPTH ASPHALT REPAIR MATCH EXISTING OR 8" THICK WHICHEVER IS GREATER (OVER 8.5' AB)
 - LANDSCAPE AREA - PLACE 6" OF MULCH
 - CONCRETE SIDEWALK 4" PCC OVER 4" CLASS 2 AB PER CITY OF ALBANY DETAIL ST-4
 - CONCRETE SIDEWALK, DRIVEWAY OR CURB RAMP WORK TO BE PAID FOR AS PART OF JOINT TRENCH
 - BC BEGINNING OF CURVE
 - EC END OF CURVE
 - # KEYNOTE NOT USED ON SHEET

KEY NOTES

- 1 12-INCH WIDE CONCRETE CURB AND GUTTER (C-8.0)
- 2 VERTICAL CURB PER CITY OF ALBANY DETAIL ST-1
- 3 HMA PATCH (6" MINIMUM DEPTH) PER CITY OF ALBANY DETAIL ST-1
- 4 CONCRETE CAST IN PLACE DETECTABLE WARNING SURFACE PER CITY OF ALBANY DETAIL ST-9.10
- 5 RESIDENTIAL DRIVEWAY PER CITY OF ALBANY DETAIL ST-2
- 6 NOT USED
- 7 ACCESSIBLE RAMP - CASE A PER CITY OF ALBANY DETAIL ST-9.1
- 8 ACCESSIBLE RAMP - CASE G PER CITY OF ALBANY DETAIL ST-9.8
- 9 COMMERCIAL DRIVEWAY (C-9.0)
- 10 CURB, GUTTER AND SIDEWALK REPAIR PER CITY OF ALBANY DETAIL ST-6
- 11 TREE FRAME LOCATION (C-8.0)

LAYOUT NOTES

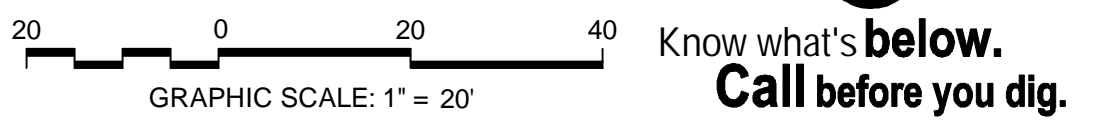
1. THE UTILITIES SHOWN ON THIS PLAN AREA DERIVED FROM RECORD DATA AND/OR SURFACE OBSERVATION AND ARE APPROXIMATE ONLY. ACTUAL LOCATION AND SIZE, TOGETHER WITH THE PRESENCE OF ANY ADDITIONAL UTILITY LINES NOT SHOWN ON THIS PLAN SHALL BE VERIFIED BY THE CONTRACTOR IN THE FIELD PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL PROVIDE CONTINUOUS BICYCLE AND ADA ACCESSIBLE PEDESTRIAN PATHWAYS THROUGHOUT THE PROJECT SITE. ORDER OF WORK WITHIN THE PUBLIC RIGHT OF WAY SHALL BE PHASED SUCH THAT CLOSURE OF PUBLIC FACILITIES ARE MINIMIZED.
3. FOR SIGNAGE AND STRIPING DETAILS REFER TO SHEETS C-8.0 THRU C-8.1.
4. AT ALL SIDEWALK SAWCUTS, CUT AT THE NEAREST EXPANSION JOINT OR CONTROL JOINT. COORDINATE LAYOUT WITH ENGINEER BEFORE DEMOLITION.
5. FOR CURB AND SIDEWALK JOINTS REFER TO CITY OF ALBANY DETAIL ST-5.
6. APPLY TYPE 2 SLURRY TO ROADWAY ALONG MARIN AVENUE FROM SAN PABLO AVENUE TO EAST SIDE OF INTERSECTION OF CORNELL AVENUE. REFER TO THE SPECIFICATIONS FOR MATERIAL DETAILS.
7. REFER TO SHEET C9.1 FOR CITY OF ALBANY STANDARD DETAILS.
8. REFER TO SHEET C2.2 FOR ADDITIONAL GENERAL PROJECT NOTES.

CURVE NO.	LENGTH	RADIUS	DELTA
C1	21.99	14.00	090°00'00"
C2	20.42	13.00	090°00'00"
C3	11.56	16.00	041°24'35"
C4	11.56	16.00	041°24'35"
C5	11.56	16.00	041°24'35"
C6	11.56	16.00	041°24'35"
C7	20.42	13.00	090°00'00"
C8	17.28	11.00	090°00'00"
C9	9.27	10.00	053°07'48"
C10	9.27	10.00	053°07'48"
C11	9.27	10.00	053°07'48"
C12	9.27	10.00	053°07'48"
C13	15.11	76.82	011°16'20"
C14	15.11	76.82	011°16'20"
C15	20.42	13.00	090°00'00"
C16	20.42	13.00	090°00'00"
C17	8.90	10.00	050°59'42"
C18	8.90	10.00	050°59'42"

* REFER TO SHEET C4.0

CURVE NO.	LENGTH	RADIUS	DELTA
C19	31.52	800.00	002°15'28"
C20	7.56	11.00	039°24'02"
C21	7.56	11.00	039°24'02"
C22	20.42	13.00	090°00'00"
C23	6.54	8.00	046°50'42"
C24	6.54	8.00	046°50'42"
C25	20.42	13.00	090°00'00"
C26	11.21	15.00	042°50'00"
C27	11.21	15.00	042°50'00"
C28	11.21	15.00	042°50'00"
C29	11.21	15.00	042°50'00"
C30	20.42	13.00	090°00'00"
C31	20.42	13.00	090°00'00"
C32	11.21	15.00	042°50'00"
C33	11.21	15.00	042°50'00"
C34	10.47	14.00	042°50'00"
C35	11.96	16.00	042°50'00"
C36	20.42	13.00	090°00'00"

CURVE NO.	LENGTH	RADIUS	DELTA
C37	20.42	13.00	090°00'00"
C38	7.81	10.00	044°46'06"
C39	7.81	10.00	044°46'06"
C40	2.89	1.01	163°40'21"
C41	44.33	310.00	008°11'39"
C42	28.43	80.00	020°21'51"
C43	28.43	80.00	020°21'51"
C44	18.85	6.00	180°00'00"
C45	44.62	312.00	008°11'38"



CAUTION:
HIGH PRESSURE GAS LINES WITHIN PROJECT LIMITS (HPF) EXISTING 8" HPF PARALLEL WITH MARIN AVENUE ALONG NORTH SIDE EXISTING 12" HPF ALONG CENTER LINE OF KAINS AVENUE EXISTING 20" HPF ALONG EAST SIDE OF CORNELL AVENUE CONTRACTOR TO LOCATE LINE PRIOR TO CONSTRUCTION AND NOTIFY ENGINEER OF ANY CONFLICTS. EXERCISE EXTREME CAUTION WHEN WORKING IN VICINITY OF GAS LINE

REV	DATE	DESCRIPTION
1	01.31.17	ADDENDUM 1
2	02.13.17	ADDENDUM 2

DESIGNED BY: J. YOUNG
DRAWN BY: J. YOUNG
CHECKED BY: J. WHITE
REVIEWED BY: R. STEVENS
DATE: FEBRUARY 13, 2017

REGISTRATION:
REGISTERED PROFESSIONAL ENGINEER
No. C 058660
CIVIL
STATE OF CALIFORNIA

322 HARBOUR WAY, STE 23
RICHMOND, CA 94801
PH: (510) 529-0336
FAX: (510) 529-0336

CLIENT:
MARK HURLEY, CITY OF ALBANY ENGINEER HAS REVIEWED AND APPROVED THE PLANS FOR GENERAL CONFORMANCE WITH THE CITY OF ALBANY STANDARD SPECIFICATIONS AND ORDINANCES

City of Albany
MARIN UTILITY UNDERGROUNDING, RECYCLED WATER PIPELINE, AND THE BUCHANAN MARIN BIKEWAY PHASE III PROJECT

HORIZONTAL LAYOUT
MARIN AVE (KAINS AVE TO CORNELL AVE)
STA 5+14.86 TO STA 11+27.32

SHEET: **C-4.1** DWG No. (CIVIL SHEETS ONLY) 09 OF 22

CONSTRUCTION BID SUBMITTAL - ADDENDUM 2 (02/13/2017)