

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

Agenda Date: June 6, 2022
Reviewed by: NA

SUBJECT: Annual Pavement Rehabilitation Program (CIP No. 21000)
Contract No. C21-10: Contract Amendment #3 for Marin Pavement
Rehabilitation Project Phase 1 – Drainage Improvement Design

REPORT BY: Allison Carrillo, CIP Manager
Mark Hurley, Public Works Director/City Engineer

SUMMARY

The issue before Council is approval of a contract amendment to add drainage improvement design services to Contract No. C21-10 with CSG Consultants, Inc (CSG) to support the scope of the Marin Avenue Pavement Rehabilitation Project – Phase 1 limits.

STAFF RECOMMENDATION

That the Council adopt Resolution No. 2022-57, authorizing the City Manager to execute Contract Amendment #3 to Contract No. C21-10 to CSG Consultants, Inc in the amount of \$79,880 for drainage improvement design services using funds previously appropriated for the Annual Street Rehabilitation Program (CIP No. 21000).

BACKGROUND

The City of Albany currently maintains approximately 30 centerline miles of roads representing five million square feet of pavement. The Annual Street Rehabilitation Program is established to improve and maintain pavement conditions in the City. As part of this effort, in November 2020, Council approved the five-year Capital Improvement Plan (Resolution No. 2020-108), which included \$11 million of paving maintenance and rehabilitation over a five-year period.

On November 2, 2020, Council approved Contract No. C21-10 with CSG for pavement and curb rehabilitation design, including for Marin Avenue from Masonic Avenue to the Berkeley city limit. The design packages consist of approximately 21,376 feet of street rehabilitation across twelve streets. Locations included in the project were selected based on prioritizations in the 2019 Pavement Management Plan, in conjunction with other upcoming projects including EBMUD's (East Bay Municipal Utility District) planned pipeline replacement.

On January 19, 2021, Council approved Contract Amendment #1 to expand the limits of the Marin Avenue Pavement Rehabilitation project to add 3 additional blocks of Marin Avenue (Cornell Avenue to Masonic Avenue). Contract Amendment #2 added a bioretention basin on the north side of Marin Avenue between Masonic Avenue and Key Route Boulevard.

As part of the capital improvement delivery process, staff engage with utility companies on a regular basis to coordinate projects. In Winter 2022, EBMUD communicated to staff the intent to fully replace the existing waterline on Marin Avenue between Key Route Boulevard and Tulare Avenue ahead of the paving project due to the waterline's age, deteriorated condition, and shallow depth. This waterline was not previously identified during coordination with EBMUD ahead of the 2019 Pavement Management Plan. The waterline replacement project is under design with anticipated construction from September 2022 through February 2023.

Accommodating waterline replacement ahead of paving provides benefits to the pavement construction project by removing risk of delays and damages during construction and minimizes the risks of emergency work requiring excavation through the new pavement following project completion. To address EBMUD project coordination needs, staff have separated the project into two phases (Phase 1: Cornell to Key Route and Phase 2: Key Route to City Limits). Staff continue to work closely with EBMUD on project schedule with an intent to sequence construction of the Phase 2 paving limits shortly after completion of the EBMUD project.

DISCUSSION

The contract amendment under consideration expands the scope of work within Phase 1 to include drainage adjustments for ADA (American Disability Act) curb ramps and crosswalks construction. ADA standards require crosswalk running slope (e.g., the slope of the crosswalk in the direction of travel) to be no more than 5% for accessibility. Existing crosswalks on Marin Avenue have running slopes in excess of standards and achieving ADA compliance requires lowering of roadway elevations and/or raising of sidewalk elevations.

Preliminary intersection designs indicated a need for significant roadway elevation changes at intersections for ADA compliance (up to 22-inches of grade differential between depth of excavation and finish grade during construction) – resulting in significant impacts off-haul costs, constructability, and risks. Staff requested CSG to provide a cost-benefit-risk analysis with an aim to reduce costs and improve constructability. The analysis resulted in a finding that adding catch basins and lowering drainage pipes was anticipated to reduce overall project costs, improve design and constructability, and decrease disruptions and risks during construction. This approach provides an additional benefit in that final project costs would include investments into intersection drainage systems rather than increased material off-haul.

Staff requested and CSG provided a proposal for additional design services for drainage improvements for the Phase 1 limits of work in the amount \$79,880. Staff reviewed this estimate and find it to be competitive with other firms offering this service. Drainage improvements are anticipated under the Phase 2 limits of paving and will be brought to Council pending ongoing coordination with EBMUD planned waterline design.

SUSTAINABILITY CONSIDERATIONS

The proposed contract amendment supports the Council’s Strategic Plan in the area of Transportation Safety and Implementation of the City’s Active Transportation Plan. Additionally, this amendment includes installation of accessibility curb ramps that provide greater mobility by disabled persons, strollers, and persons in general. This promotes non-motorized travel, thereby reducing air emissions.

FINANCIAL CONSIDERATIONS

The budget for the first three years of the City’s Annual Street Rehabilitation Program (CIP No. 21000) was appropriated by Council as part of the City’s Capital Improvement Plan as adopted on November 16, 2020 (Resolution No. 2020-108). This budget reflects the City’s commitment to investing annually in maintaining and improving the City’s public right-of-way.

The following table details the expenditures for professional services Contract No. C21-10, including the proposed amendment.

<u>Expenditures</u>	<u>Budget</u>
Base Design Contract No. C21-10	\$499,980
Amendment #1 (Extend Project Limits)	\$42,240
Amendment #2 (Add Bioretention Basin)	\$34,450
Amendment #3 (Proposed)	\$79,880
Total Project Expenditures	\$656,550

The following table details the approved budget and funding sources for the Annual Street Rehabilitation Program (CIP No. 21000), Fiscal Years 2019/20 through 2021/22:

<u>Funding Sources</u>	<u>FY19/20-21/22</u>
1101 – Meas B LSR	\$1,270,000
1104 – VRF	\$140,000
1201 – Meas BB LSR (ACTC)	\$1,940,000

2006 – Meas F Street & Storm	\$4,600,000
2009 – State SB1/RMRA	\$900,000
Appropriations:	\$8,850,000

As of May 27, 2022, the City has either spent or encumbered approximately \$3.96 million of the appropriated program budget for the noted fiscal years. The CSG contract amendment recommended for award in this staff report is within the remaining appropriated program budget and no adjustments are needed.

Attachments

1. Resolution No. 2022-57
2. Contract Amendment #3

**CONTRACT #C21-10
AGREEMENT FOR CONSULTANT SERVICES
BETWEEN
THE CITY OF ALBANY
AND
CSG Consultants, Inc**

**FOR PROJECT:
PAVEMENT AND CURB REHABILITATION DESIGN**

AMENDMENT OF AGREEMENT No. 3

This AMENDMENT OF AGREEMENT FOR CONSULTANT SERVICES is made and entered into on this ____ day of _____, by and among the City of Albany a California charter city (“CITY”) and CSG Consultants, Inc, (“CONSULTANT”).

In consideration of the mutual covenants and conditions set forth herein Contract #21-10, the parties agree as follows:

Per request by the CITY, Contract #C21-10 shall be modified as follows: add drainage improvement design and utility investigation for Marin Pavement Rehabilitation Project Phase 1 as described attached Scope of Work. This AMENDMENT OF AGREEMENT shall be made part of the original AGREEMENT, Contract #C21-10. Original Contract was for the period of November 5, 2020 to November 4, 2022 and is not changed.

Compensation for the AMENDMENT OF AGREEMENT shall be in the amount not to exceed \$79,880.00, as set forth in the attached AMEDMENT TO AGREEMENT SCOPE OF WORK. (Increase Original Contract of \$542,220.00 to #656,550.00).

All work shall continue to be in compliance with Contract #C21-10, and in accordance with the approved Scope of Work, including any agreed upon modifications or extensions to the Scope of Work.

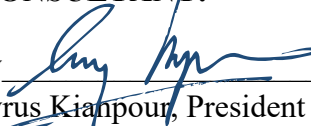
IN WITNESS WHEREOF, the parties hereto have caused this AMENDMENT OF AGREEMENT to Contract #C21-10 to be executed the day and year first above written.

CITY OF ALBANY:

By _____
Nicole Almaguer,
City Manager

Attest _____
City Clerk

CONSULTANT:

By 
Cyrus Kianpour, President



3875 Hopyard Road #141
Pleasanton, CA 94588
phone 925.931.0370
fax 925.931.0388

www.csgegr.com

April 20, 2022

Mr. Mark Hurley
Public Work Director
City of Albany
1000 San Pablo Avenue
Albany, CA 94706

**RE: City of Albany – Pavement and Curb Rehabilitation Design Project
Fee Amendment No.4 – Marin Ave Phase 1 Drainage Improvement Design and Utility Potholing**

Dear Mr. Hurley,

CSG Consultants, Inc. (CSG) is pleased to present the following proposal to provide our professional services for additional design works for the Pavement and Curb Rehabilitation Project (Project) in the City of Albany (City).

As discussed with the City, CSG will perform engineering design to improve the existing drainage system along Marin Avenue between Talbot Avenue and Key Route Boulevard. The drainage improvements generally include addition of inlets and pipes, relocation of existing storm drain manholes/boxes located at curb ramps, upsizing of existing storm drain pipes, and utility potholing to resolve potential conflicts with other utilities.

Task 1 – Drainage Improvement Design

CSG will perform preliminary design of proposed storm drain improvements for initial review by the City. Once utility pothole data is available, perform final storm drain design based on the depths of existing utilities. The results of the utility depth will be shown on the drainage plans. Based on the pothole data, updates the proposed drainage improvements at the intersections of Talbot Avenue, Evelyn Avenue, Masonic Avenue and Key Route Boulevard. The drainage improvement plan sheets and details will be incorporated into the Final PS&E submittal. No profile for existing and proposed storm drainage will be shown on plans.

Task 2 – Utility Potholing

Bess Test Lab (BESS) will perform utility potholing at up to twenty-one (21) locations within the proposed Marin Avenue Phase 1 project area to obtain the locations and depths of existing utilities if necessary. USA markings will be requested. Signed traffic control plan will be submitted to obtain no-fee encroachment permit. Traffic control will be provided. After potholing work is complete, dispose excavated soil, and restore surface with backfill to the original conditions where applicable. A pothole data report will be provided. CSG will prepare and update pothole exhibits to identify utility conflicts at the proposed storm drain pipe crossings, coordinate with BESS, and review pothole data report.

Our fee for performing the tasks described above will not exceed \$79,880 as shown on the attached Fee Amendment No. 4. All the fee will be on a time and materials basis and the actual fee for completing the works may cost less than what are being proposed.

We look forward to working on this project for the City. Please feel free to contact us at (925) 931-0370 or email me at lawrencel@csgengr.com.

Sincerely,

Lawrence Lau, P.E.
Principal Engineer

CITY OF ALBANY - PAVEMENT AND CURB REHABILITATION DESIGN PROJECT								
FEE AMENDMENT No. 4 ESTIMATE FOR POTHOLE AND DRAINAGE DESIGN BY CSG CONSULTANTS - APRIL 21, 2022								
Task Description	Principal Engineer	Senior Engineer	Associate Engineer	Assistant Engineer	CSG Totals		BESS TestLab (Potholing)	Task Totals
	\$200	\$180	\$160	\$140	Hours	Cost		Cost
Task 1 - Drainage Improvement Design								
Coordinate with City Staff for Preliminary Drainage Design	4	8			12	\$ 2,240		\$ 2,240
Perform Storm Drain Design	8	16	24		48	\$ 8,320		\$ 8,320
Prepare and Update Drainage Plan Sheets and Details	10	24	60		94	\$ 15,920		\$ 15,920
Cost Estimate	2	4	8		14	\$ 2,400		\$ 2,400
Specifications	2	4			6	\$ 1,120		\$ 1,120
					0	\$ -		\$ -
Subtotal - Task 1	26	56	92	0	174	\$ 30,000	\$ -	\$ 30,000
Task 2 - Utility Potholing								
Utility Potholing (Up to 21 Locations)	3	4	16		23	\$ 3,880	\$46,000	\$ 49,880
					0	\$ -		\$ -
Subtotal - Task 2	0	0	0	0	0	\$ 3,880	\$ 46,000	\$ 49,880
Total All Tasks	26	56	92	0	174	\$33,880	\$46,000	\$79,880
TOTAL						\$ 33,880	\$ 46,000	\$ 79,880

BESS TESTLAB, INC.

Hayward (Corporate) | Fresno | Los Angeles | T. (408) 988-0101 | F. (408) 988-0103
 Utility Locating - Ground Penetrating Radar (GPR) - Electromagnetic Pipe Locators
 Structural Concrete Scanning - Potholing Vacuum Excavation - CCTV Pipe Inspection
 Mobile LiDAR Scanning - 3D Scanning - 3D Utility Mapping - www.besstestlab.com

Date: April 21, 2022 **Quote No.:** AD-042122-2-Revised
Customer: CSG Consultants, Inc.
Site: Marin Avenue & Talbot Avenue **City:** Albany
Ref. No.: **County:** Alameda
Requestor: Lawrence Lau **Phone No.:** 650-436-9628
Email: lawrencel@csgengr.com **Fee Rate:** Prevailing Wage

Project Description:
*Schedule & coordinate USA markings. Bess to perform 21 potholes per attached exhibit. Bess to provide their own traffic control, surface removal, backfill and surface restoration per city standards. Bess to provide pothole report in PDF format upon completion of job. Bess to locate/GPR all utilities (Optional). **Without providing a utility locator cost will be 43,614.00.***

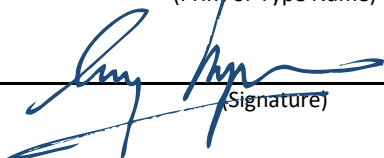
Code	Service Description	Qty	Unit	Unit Price	Sub-Total
1.00	Project Management	0.4	DAY	1,160.00	\$ 464.00
2.00	Project Coordination	0.4	DAY	1,000.00	\$ 400.00
3.00	2-Person Surface Removal	3	DAY	2,565.00	\$ 7,695.00
4.00	2-Person Utility Potholing w/ hydro vacuum truck	3	DAY	3,240.00	\$ 9,720.00
5.00	2- Person Surface Restoration/ Backfill	3	DAY	2,565.00	\$ 7,695.00
6.00	Special Backfill Material (Class II, Slurry, Etc)	21	EA	95.00	\$ 1,995.00
7.00	Special Surface Restoration Material (Hot Patch, T-Cut)	17	EA	110.00	\$ 1,870.00
8.00	2-Person Traffic Control w/arrow truck	4	DAY	2,070.00	\$ 8,280.00
9.00	Reports/Sketches	3	HR	95.00	\$ 285.00
10.00	Traffic Control Plans - Standard	4	EA	300.00	\$ 1,200.00
11.00	Disposal Fee	3	EA	1,000.00	\$ 3,000.00
12.00	Special Surface Restoration (Concrete Sidewalk)	4	EA	395.00	\$ 1,580.00
13.00	1-Person Utility Locate & Mark w/ GPR	8	HR	175.00	\$ 1,400.00
TOTAL \$					45,584.00

Rates and Reimbursable Expenses:

- Overtime applies after 8 hours of work and weekends.
- Hourly rates are portal to portal from our nearest office, unless specified otherwise.
- Hourly rates apply to day shift (typical BESS day shift hours are 7:00 AM to 3:30 PM).
- Surcharge of \$45 a foot for depths past 10' to compensate for extra time and materials.**
- Mileage expenses, if applicable, shall not exceed the rate established by the IRS for the current year.
- Outside reproductions, shipping, services and consultants will be charged at cost plus 10%.
- Cost of normal field supplies are included in the hourly rates.

I, the undersigned, have read, reviewed and accept the attached proposal, including attachments, and authorize Bess Testlab, Inc. to proceed with the work described above as witnessed and attested by my signature below.

By: Cyrus Kianpour
 (Print or Type Name)


 (Signature)

Title: President
 (Print or Type Title)

5-31-2022
 (Date)



City of Albany
Maintenance Center
540 Cleveland Avenue
Albany, CA 94706
(510) 524-9543

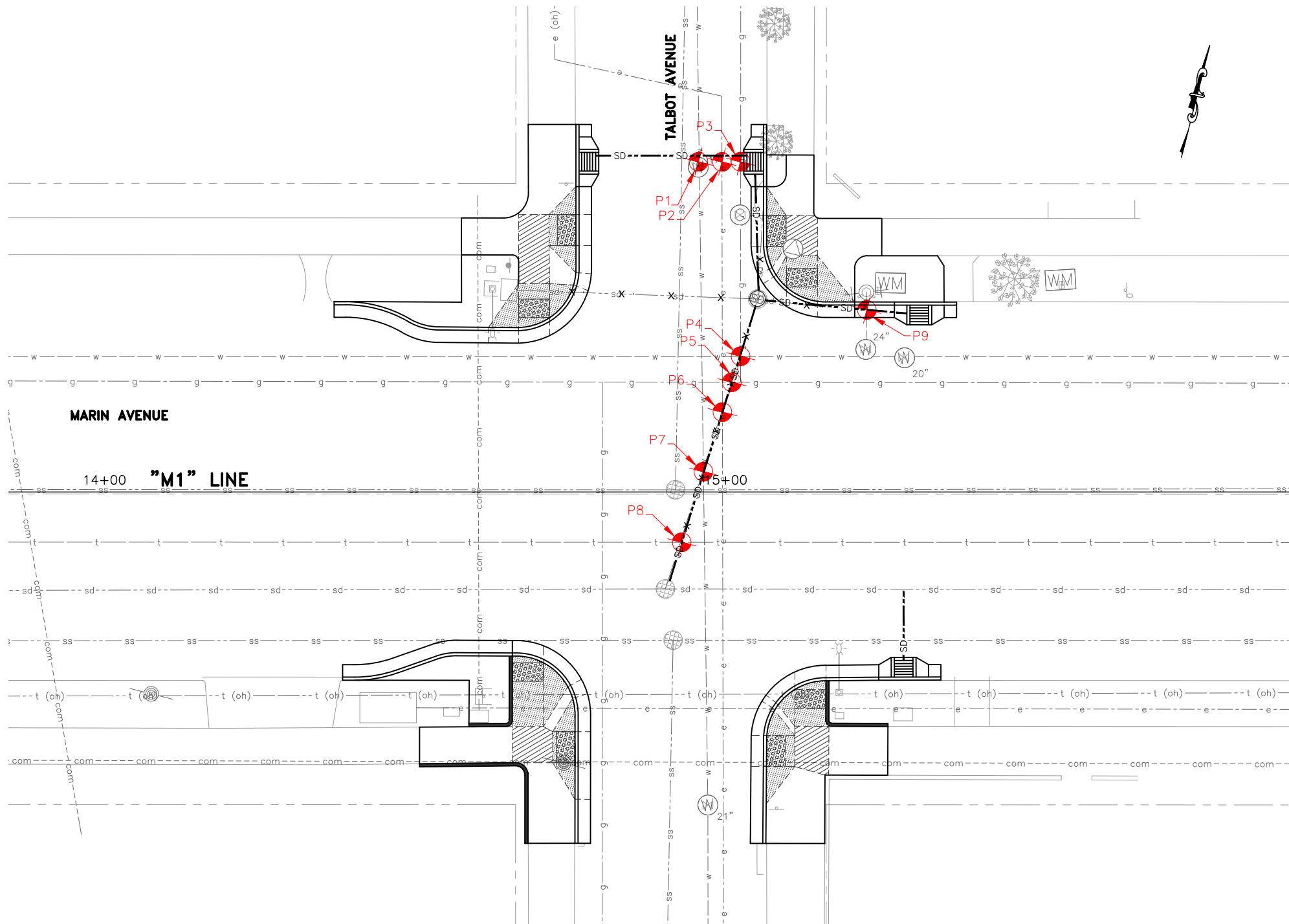


PAVEMENT AND CURB REHABILITATION PROJECT
MARIN AVE PHASE 1 (FROM CORNELL AVE TO KEY ROUTE BLVD)
POTHOLE LOCATIONS
MARIN AVE & TALBOT AVE INTERSECTION

Submittal / Revision:	

Designed By: DS/HA
Drawn By: DS/HA
Checked By: LL
Date: 04/15/2022

Sheet Number:



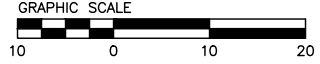
POTHOLE TABLE

POTHOLE No.	UTILITY TYPE
P1	WATER
P2	ELECTRIC
P3	GAS
P4	GAS & WATER
P5	GAS
P6	ELECTRIC
P7	WATER
P8	TELEPHONE
P9	WATER

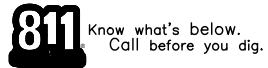
MARIN AVENUE & TALBOT AVENUE INTERSECTION
SCALE: 1"=10'

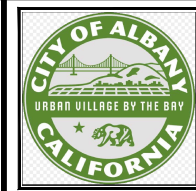
- LEGEND**
- PVC STORM DRAIN PIPE
 - EXISTING INLET
 - EXISTING MANHOLE
 - PROPOSED MANHOLE TYPE "A" INLET
 - PROPOSED STORM DRAIN MANHOLE
 - PROPOSED POTHOLE LOCATION

VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.



DATE: 04/15/2022 11:38 AM BY: DS/HA PROJECT: 22-0001-01 MARIN AVE PHASE 1 (FROM CORNELL AVE TO KEY ROUTE BLVD) SHEET: 02 OF 02
FILE: S:\2022\04\15\22-0001-01 MARIN AVE PHASE 1 (FROM CORNELL AVE TO KEY ROUTE BLVD) SHEET: 02 OF 02.dwg

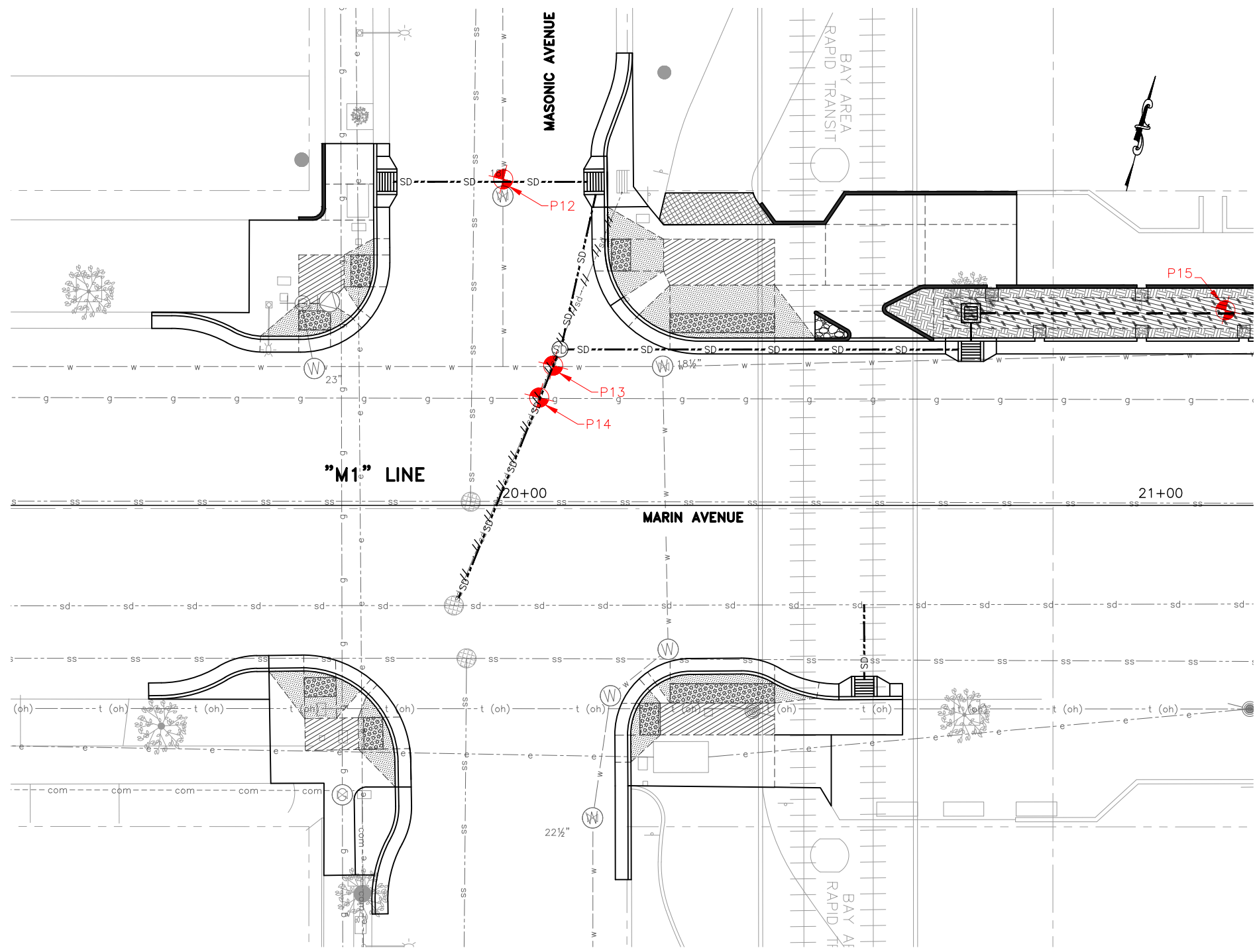




City of Albany
Maintenance Center
540 Cleveland Avenue
Albany, CA 94706
(510) 524-9543



PAVEMENT AND CURB REHABILITATION PROJECT
MARIN AVE PHASE 1 (FROM CORNELL AVE TO KEY ROUTE BLVD)
POTHOLE LOCATIONS
MARIN AVE & MASONIC AVE INTERSECTION



MARIN AVENUE & MASONIC AVENUE INTERSECTION
SCALE: 1"=10'

POTHOLE TABLE

POTHOLE No.	UTILITY TYPE
P12	WATER
P13	WATER
P14	GAS
P15	LATERAL WITHIN GI AREA

- LEGEND**
- PVC STORM DRAIN PIPE
 - EXISTING INLET
 - EXISTING MANHOLE
 - PROPOSED MANHOLE TYPE "A" INLET
 - PROPOSED STORM DRAIN MANHOLE
 - PROPOSED POTHOLE LOCATION

VERIFY SCALES: BAR SHOWN IS ONE INCH ON ORIGINAL DRAWING.
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

GRAPHIC SCALE
10 0 10 20

Submittal / Revision:

Designed By: DS/HA
Drawn By: DS/HA
Checked By: LL
Date: 04/15/2022

Sheet Number:

Date: 04/15/2022 11:43 AM
 User: ds@albanycity.com
 Project: Pavement and Curb Rehabilitation - Albany
 Drawing: 04/15/2022 11:43 AM
 Title: MARIN AVE PHASE 1 (FROM CORNELL AVE TO KEY ROUTE BLVD) POTHOLE LOCATIONS MARIN AVE & MASONIC AVE INTERSECTION

