



Town of Moraga	Agenda Item
CONSENT	6.3

Meeting Date: October 9, 2024

TOWN OF MORAGA

STAFF REPORT

To: Honorable Mayor and Councilmembers

From: Shawn Knapp, Public Works Director / Town Engineer
Yao Miao, Assistant Engineer

Subject: Townwide Street Rehabilitation Project Construction Contract Change Order (CIP 23-401) - \$379,978

Recommendation

Staff recommends that the Town Council adopt a resolution:

1. Authorizing a total Townwide Street Rehabilitation Street construction contract amount not to exceed \$6,173,959 (\$5,221,366 existing estimate + \$379,978 [proposed construction work change order] + \$572,615 [revised contingency]);
2. Authorizing Town Manager to execute a construction contract change order for the 2023 and 2024 Townwide Street Rehabilitation Project (CIP 23-401) in the amount of \$379,978 for additional street repair work, with minor contract revisions that may be approved by the Town Manager and Town Attorney to execute any other necessary documents to effectuate the terms of the construction contract;
3. Authorizing an increase to the construction project's contingency budget by \$37,998 (10%) from \$534,617 to \$572,615;
4. Authorizing a budget transfer of \$495,000 from the remaining Annual Street Repairs Project Budget (CIP 23-405) to the 2023 and 2024 Street Rehabilitation Project (CIP 23-401); and
5. Finding that the additional construction work is exempt from review under the California Environmental Quality Act (CEQA) pursuant to Public Resources Code Section 21000, et seq. and the CEQA Guidelines (14 Cal. Code Regs. 15000 et. seq.), as this project is categorically exempt pursuant to 14 Cal. Code Regs. 15301 (Class 1-Existing Facilities).

Background

On April 24, 2024, Town Council awarded a Townwide Street Rehabilitation Construction Contract to Bay Cities Paving & Grading, Inc. (Bay Cities) of Concord, CA, for the 2023 and 2024 Street Rehabilitation projects (CIP 23-401 & CIP 24-401). Please see Attachment A for a copy of the April 24, 2024, staff report. For the Town's financial tracking purposes, all funding in CIP 24-401 has been combined into CIP 23-401. The original contract was awarded in the amount of \$5,755,983 (\$5,221,366 for base contract plus a \$534,617 construction contingency). This project focuses on repairing the last remaining residential streets with a Pavement Condition Index (PCI) of 50 or lower. Bay Cities has completed approximately 90% of the original Townwide Street Rehabilitation Project. The paving portion of the project is almost completed with one segment of Corliss Drive (Wakefield Dr. to Warfield Dr.) remaining.

Discussion

Townwide Street Rehabilitation Project Change Order

The Town Engineer recommends that a \$379,978 contract construction change order be issued to Bay Cities to complete additional street repairs along Townwide arterial and collector streets. The proposed change order work will focus on repairing pavement failures on Augusta Drive, Canyon Road, Camino Pablo, Rheem Boulevard, Moraga Road, and St. Mary's Road. Additionally, the project will provide limited parking lot pavement repairs at the Moraga Commons and Hacienda De Las Flores parks. Please refer to Attachment B for street repair location maps.

Bay Cities has completed significant amounts of asphalt paving in compliance with the Town's specifications and quality assurance standards. The additional change order work is estimated to be \$379,978. Please refer to Attachment C for Bay Cities' proposal. The Town Engineer has confirmed this proposal as acceptable and reasonable. If approved by Town Council, the proposed change order work will begin right away with the goal to complete the overall construction project before end of 2024 construction season, with any remaining clean-up work to be completed by the end of spring 2025.

Contingency Amount Adjustment

The Town Engineer also recommends that Town Council authorize an additional contingency amount of \$37,998 in order to complete the additional work. This will increase the contingency from \$534,617 to \$572,615.

Annual Street Repairs Project (CIP 23-405) Budget and Expenditures

The recurring Annual Street Repairs project (CIP 23-405) has a combined \$585,000 in funding for the Fiscal Year (FY) 2023-24 and FY 2024-25 to address existing failures, defects, or deficiencies in the street pavement, curbs and gutters, sidewalks, ADA improvements, and traffic striping and markings. This annual repair project aims to extend the life of the streets until the appropriate pavement or other treatments can be applied.

The Town has expended approximately \$85,000 for Fernwood Drive emergency street pavement repairs from tree root damage, pavement repairs in the Moraga Library parking

lot, street repair inspections, and street repair surveys and analysis. The Annual Street Repairs Project (CIP 23-405) currently has approximately \$500,000 in remaining funds that are available to be transferred to the 2023 and 2024 Street Rehabilitation Project (CIP 23-401) to complete Townwide street repairs, construction, and construction management work.

Staff requests authorization for the \$495,000 budget transfer to support the proposed street repair construction, construction contingency, and construction management/material testing services from the Annual Street Repairs CIP 23-405 (Attachment D – CIP 23-405 funding sheet) to the Street Rehabilitation Project (CIP 23-401).

Fiscal Impact

The Adopted FY 2023-24 and FY 2024-25 Capital Improvement Program Budget for the Annual Street Repair Projects (CIP 23-405) contains sufficient funding for the change order allocation of \$495,000, comprised of \$275,000 Gas Tax Fund 205 and \$220,000 Measure K Fund 213 budget appropriations. The proposed Bay Cities revised total construction budget for the 2023 and 2024 Street Rehabilitation Project (CIP 23-401), with additional change order and construction contingency for Townwide street repairs work, is shown as follows:

Category	Construction Budget
Original Construction Budget	\$5,221,366
Original Construction Contingency	534,617
Additional Street Repairs Change Order	379,978
Additional Street Repairs Construction Contingency	37,998
Total Amount	\$6,173,959

With the transfer of available funds from CIP 23-405, the revised total project budget for CIP 23-401 will be \$7,389,713. The table below details the funding sources and project appropriations as currently authorized and recommended for all street projects (including those that are not part of this staff report):

Funding Sources	Adopted Budget	CIP 23-405 Transfer to CIP 23-401	Recommended Budget
205 – Gas Tax	\$220,000	\$275,000	\$495,000
210 – Measure J	1,211,000	-	1,211,000
211 – Measure J 28C	37,000	-	37,000
212 – Garb. Imp. Fees	1,020,000	-	1,020,000
213 – Measure K	4,349,000	220,000	4,569,000
EBMUD ¹	57,713	-	57,713
Total Revenues	\$6,894,713	\$495,000	\$7,389,713
Total Appropriations	\$6,894,713	\$495,000	\$7,389,713

CEQA Compliance

¹ East Bay Municipal Utility District reimbursement for Moraga Road street pavement repairs due to water line break.

The 2023 and 2024 Street Rehabilitation project (CIP 23-401) and the change orders and associated appropriation changes identified in the recommended actions in this report are not subject to review under the California Environmental Quality Act (CEQA), pursuant to Public Resources Code Section 21000, et seq. and CEQA Guidelines (14 Cal. Code Regs. 15000 et. seq.) since this project is categorically exempt pursuant to 14 Cal. Code Regs. 15301 (Class 1-Existing Facilities). The project consists of the repair and maintenance of existing paved roadways and involves negligible or no expansion of existing or former land use.

Alternatives

1. Make revisions to the recommended Townwide Street Rehabilitation Project construction change order and funding.
2. Not adopt the proposed recommendations and provide alternative direction to staff.

Next Steps

If the proposed change order is approved, the Town Manager and Town Engineer will issue the change order(s) and coordinate Bay Cities' scheduling of work to commence right away. It is anticipated that the major construction work will be completed by the end of 2024, with minor clean-up work being completed by the end of spring 2025. Staff will provide status updates on the Town's project webpage.

Attachments

- A. Draft 2024 Resolution
- B. April 24, 2024, staff report for the 2023 & 2024 Street Rehabilitation Project (CIP 23-401) Construction Contract Award to Bay Cities Paving and Grading, Inc. (link only)
- C. Street Repair Location Maps
- D. Bay Cities Paving and Grading, Inc.'s \$379,978 Project Construction Change Order request to complete 2023 & 2024 Annual Street Repair Project (CIP 23-405)
- E. 2023 & 2024 Annual Street Repair Project (CIP 23-405) Funding Sheet

ATTACHMENT A

Draft 2024 Resolution

**TOWN OF MORAGA
TOWN COUNCIL**

RESOLUTION NO. __-2024

Authorizing the Town Manager to Execute a Contract Change Order for the 2023 and 2024 Pavement Rehabilitation Project (CIP 23-401) in the amount of \$379,978 for Additional Work Relating to Street Repairs; an Increase in the Contingency Amount of \$37,998 (10%) for a Total Project Contingency Amount of \$572,615 and Authorizing the Town Engineer to Issue Additional Change Orders up to an Additional \$37,998; and a \$495,000 Funding Transfer from the Annual Street Repairs CIP 23-405 to CIP 23-401; and Finding the Additional Work Exempt from Review under CEQA Pursuant to CEQA Guidelines section 15301

WHEREAS, the 2023 and 2024 Pavement Rehabilitation Projects (CIP 23-401 & 24-401) are fully funded in the adopted Fiscal Year (FY) 2023-24 and 2024-25 Capital Improvement Program (CIP) Budget;

WHEREAS, for financial tracking purposes CIP 24-401 funds have been combined into CIP 23-401 in order to track revenues and expenditures of the 2023 and 2024 Pavement Rehabilitation Project as one project;

WHEREAS, on April 24, 2024, the Town of Moraga Town Council awarded Construction Contract to Bay Cities Paving and Grading Inc (Concord, CA) with a project budget of \$5,755,983 (\$5,221,366 for base contract plus \$534,617 for a contingency) and determined that the project was categorically exempt pursuant to 14 Cal. Code Regs. 15301 (Class 1-Existing Facilities);

WHEREAS, the 2023 and 2024 Annual Street Repair Projects (CIP 23-405) are fully funded with \$585,000 total budget in the adopted Fiscal Year (FY) 2023-24 and 2024-25 Capital Improvement Program (CIP) Budgets; and

WHEREAS, additional work has been determined to be necessary to complete the 2023 and 2024 Pavement Rehabilitation Project (CIP 23-401) and Bay Cities Paving and Grading Inc. submitted a \$379,978 change order (C/O) proposal request to complete the project; and

WHEREAS, The Town Engineer recommends that the Bay Cities Paving and Grading Inc.'s C/O proposal is reasonable and acceptable with a Total Proposal amount of \$379,978; and

WHEREAS, the Town Engineer recommends authorizing an additional contingency in the amount of \$37,998 (10%) for a total contingency amount of \$572,615 (\$37,998 + \$534,617).

NOW, THEREFORE, BE IT RESOLVED by the Town Council of the Town of Moraga hereby determines that:

1. The Council finds that the additional work is exempt from review under the California Environmental Quality Act (CEQA) pursuant to Public Resources Code Section 21000, et seq. and the CEQA Guidelines (14 Cal. Code Regs. 15000 et. seq.) as this project is categorically exempt pursuant to 14 Cal. Code Regs. 15301 (Class 1- Existing Facilities).

2. The Council hereby authorizes the Town Manager to execute the Construction Contract Change Order in the amount of \$379,978 for additional street repair work relating to the 2023 and 2024 Pavement Rehabilitation Project (CIP 23-401), with minor contract revisions that may be approved by the Town Manager and the Town Attorney and to execute any other necessary documents to effectuate the terms of the Construction Contract.

3. The Council also authorizes an increase in the contingency amount of \$37,998 (10%) for a total project contingency amount of \$572,615 ($\$37,998 + \$534,617$) and authorizes the Town Engineer to issue additional change orders up to \$37,998, if necessary.

4. The Council hereby authorizes a funding transfer of \$495,000 from the remaining Annual Street Repairs Project (23-405) budget to the 2023 and 2024 Street Rehabilitation Project (CIP 23-401).

ATTACHMENT B

April 24, 2024, staff report for the 2023 & 2024 Street Rehabilitation Project (CIP 23-401) Construction Contract Award to Bay Cities Paving and Grading, Inc. (link only)



Town of Moraga	Agenda Item
O/R/A	10-A

Meeting Date: April 24, 2024

TOWN OF MORAGA

STAFF REPORT

To: Honorable Mayor and Councilmembers

From: Shawn Knapp, Public Works Director/Town Engineer
Yao Miao, Assistant Engineer

Subject: Street Rehabilitation Construction Contract Award (\$5,346,177) to Bay Cities Paving & Grading, Inc. (CIP 23-401 & 24-401)

Recommendation

1. Adopt a resolution awarding a street rehabilitation construction contract to Bay Cities Paving & Grading, Inc. (Bay Cities) of Concord, CA, for the 2023 and 2024 Street Rehabilitation Projects (CIP 23-401 & 24-401) in the amount of \$5,346,177.
2. Authorize the Town Manager to execute the construction contract with Bay Cities.
3. Authorize the Town Engineer to:
 - A. Issue contract change orders for up to \$534,617 (10% of the contract amount) for a total amount not to exceed \$5,880,794 (\$5,346,177 plus \$534,617).
 - B. Issue a balancing Contract Change Order No. 1 to eliminate Alternative A work scope in the amount of \$124,811 from the construction contract for a revised \$5,221,366 construction contract amount (which will result in a total construction amount of \$5,755,983 [\$5,221,366 plus \$534,617]).
 - C. Approve that this action is exempt from review under the California Environmental Quality Act (CEQA) pursuant to Public Resources Code Section 21000, et seq. and the CEQA Guidelines (14 Cal. Code Regs. 15000 et. seq.) as this project is categorically exempt pursuant to 14 Cal. Code Regs. 15301 (Class 1-Existing Facilities).

Background

The 2023 and 2024 street rehabilitation projects are included as funded projects in the Adopted Fiscal Year (FY) 2023-24 and FY 2024-25 Capital Improvement Program (CIP) Budget and are identified as an important Town Council Goal. The street segments recommended for rehabilitation as part of these projects are listed in Attachment E. The combined project funding allocations are as follows:

Funding Source	Approved Allocation
205 - Gas Tax	\$220,000
210 - Measure J	38,000
211 - Measure J 28C	37,000
212 - Garbage Impact	2,193,000
213 - Measure K	4,349,000
Totals	\$6,837,000

On October 27, 2021, the Town awarded a design contract to Harris and Associates, Inc. (Harris) to develop the Pavement Design Report (PDR) and biddable construction plans for a multi-year approach to rehabilitate all residential streets with a Pavement Condition Index (PCI) of under 50, known as the “Worst-First” pavement management approach.

On March 23, 2022, the results of the PDR were presented to the Town Council. The PDR recommended phasing the rehabilitation work over three construction seasons (2022 through 2024) based on available funding and rising construction costs within the San Francisco Bay Area. Town Council approved Harris’s PDR residential rehabilitation plan for streets with PCI of less than 50. Harris proceeded with more in-depth investigations and the rehabilitation designs for pavement, storm drain, and concrete improvements.

On January 23, 2024, the Town Engineer recommended bidding the 2023 and 2024 street rehabilitation projects (CIP 23-401 & 24-401) as a single project to begin construction in 2024 for anticipated cost savings in both construction and construction management services. Town Council awarded a \$635,000 (\$730,250 with contingency) professional services agreement to Substrate Inc. for construction management, inspection, and material testing services (CM) for one construction phase approach. It is critical to award the project in a timely manner to realize cost savings.

Discussion

Construction Bid Process

The project bid documents were advertised on March 9, 2024, pursuant to Moraga Municipal Code Chapter 3.06 and Public Contract Code Section 22037. Bid documents were posted on the Town’s website, in the East Bay Times newspaper, and in numerous builders’ exchanges. Per the contract bid proposal instructions, the total bid schedule and price is composed of the base bid schedule for all project aspects and Alternative A – Bid Schedule for switching rehabilitation methods from full-depth reclamation (FDR) to 4-inch

mill (grind) and fill (pavement overlay) for Paseo Del Rio and Corte Futuna court. The Engineer's Estimate included in the bidding documents was \$5,354,273.

The Town is legally required to provide a bid protest period, specified as three (3) calendar days following the bid opening. The bid opening date was extended by an addendum, which resulted in the bid protest period occurring on Friday, Saturday, and Sunday, all during non-business days. To provide sufficient time for the bid protest period and for bidders to gather bid proposal information from the Town, the Town Engineer extended the bid protest deadline to April 17, 2024. No formal protests were filed.

The public construction bids opening was held on Thursday, April 11, 2024, and the following six bids were received:

Contractor	Base Bid	Alternative A Bid	Total Bid (Base Bid + Alt-A Bid)	Lowest Bid Ranking (based on Total Bid)
Granite Construction ¹	\$6,342,372.25	-\$35,579.00	\$6,306,793.25	6
Ghilotti Construction Co	6,270,337.95	-37,004.00	6,233,333.95	5
McGuire and Hester	6,242,690.50	-162,748.00	6,079,942.50	4
Ghilotti Bros, Inc	5,799,718.65	-30,165.00	5,769,553.65	3
DeSilva Gates Construction, LLC	5,648,286.00	-72,711.00	5,575,575.00	2
Bay Cities Paving & Grading, Inc. ²	5,221,366.11	+124,811.06	5,346,177.17	1

Bid Analysis

Bay Cities Paving & Grading (Bay Cities) was the apparent lowest bidder based on the Total Bid price (Base Bid and Alt. A Bid) at the bid opening. The Town Engineer's bid proposal analysis determined that Bay Cities is a responsive and responsible bidder. The Bay Cities bid proposal total bid amount is \$5,346,177.17, which is 1.6% greater than the combined CIP 23-401 and 24-401 budgets (\$5,260,000) and is 0.08% higher than the Town Engineer's estimate (\$5,341,765.40). Bay Cities' bid proposal is within one standard deviation from the mean of all six responsive bidders, showing that the bid spread is reasonable, competitive, and reflective of current construction market costs.

Bay Cities listed several references for heavy infrastructure projects, including pavement rehabilitation, FDR, cape seal, mill and fill, CIPP, etc. work. Bay Cities has been in business since 1946 and is a family-owned company headquartered in Concord, California. Recently, Bay Cities has satisfactorily completed several similar projects for the Cities of Oakland, Berkeley, Hayward, Orinda, Martinez, and Pittsburg. Based on an

¹ Granite Construction Co. had 2 mathematical calculation errors in their Bid Proposal which resulted in corrected total bid price of \$6,306,793.25 versus the total bid price as \$6,298,963 read at the bid opening.

² Bay Cities Paving & Grading, Inc. submitted the apparent lowest bid at time of bid opening.

analysis of the bid packages, the Town Engineer recommends finding Bay Cities as the lowest responsive and responsible bidder, and the bid proposal was reasonable and competitive.

By awarding a construction contract to Bay Cities, the Town is accepting the lowest bid, which is in the Town's best financial interest, and follows the purposes of the California Public Contracting Code (PCC). Specifically, no fraud, favoritism, or corruption has occurred, and public funds are being protected.

Bid Alternative Discussion

The total bid price is based on the combined base bid and the bid alternatives prices. As mentioned above, the Alternative A bid schedule was included in the Town's bid package to receive construction costs for implementing a 4-inch mill (grind) and pavement overlay on two (FDR) candidate streets. However, after conducting a cost-benefit analysis of the Bay Cities bid proposal, staff recommend retaining the base bid option for FDR treatments as more advantageous by being longer lasting and more cost-effective.

Construction Contract Award Recommendations

The Town Engineer recommends awarding Bay Cities a \$5,346,177 construction contract based on being the lowest responsible and responsive bidder for the total bid price. Additionally, the Town Engineer recommends \$534,617 (10%) construction contingency. This will increase the total budget to \$5,880,794.

Furthermore, after the contract award, the Town Engineer recommends adopting a balancing change order to eliminate the Bid Alternate A scope of work and the \$124,811 cost from the construction contract for a revised \$5,221,366 construction contract (\$5,346,177 minus \$124,811). The total project budget will be \$5,755,983 (\$5,221,366 plus \$534,617).

Sidewalk Area Repairs

Some repairs to gutters, curbs, sidewalks, and related "sidewalk area" improvements are contemplated as part of the 2023 and 2024 street rehabilitation projects. The Town Council approved the revised Street Rehabilitation Cost Sharing Policy on April 10, 2024, via Resolution No. 19-2024 to allow the Town to pay for sidewalk area repairs that are part of a Town funded street rehabilitation project supported by a variety of local funding sources, including Measure K funds. As discussed in Agenda Item 9A also on the April 24, 2024, Town Council Meeting agenda, private property owners are responsible for the liability and maintenance of sidewalk area repairs (including gutters, curbs, and sidewalks), as per the Moraga Municipal Code (MMC) Title 12 – Streets, Sidewalks, and Public Places. As part of Agenda Item 9A, the Council will be considering the adoption of Ordinance 313-2024 to make revisions to Title 12 to conform to the revised Street Rehabilitation Cost Sharing Policy. This project's construction bid reflects approximately \$695,102 in estimated sidewalk area repairs. The actual repair costs may vary.

If the Town Council does not support the adoption of Ordinance 313-2024, property owners would be responsible for completing and funding the necessary sidewalk area repairs. This would delay the start of the street rehabilitation projects by approximately by several months to allow for the property owners to complete repairs on their own or via the Town's contractor (which will require entering into cost reimbursement agreements).

The immediate construction management cost impact for the two-season construction cycle would in the range of \$92,000 to \$150,000.³ Additionally, the Town would need to negotiate project cost impacts with Bay Cities to expand project scope to a two-season construction season to complete the project. The combined construction, construction management, Town staff, and legal costs for a two-season construction season would equal the Town's avoided sidewalk area repairs to be completed by the property owners.

Storm Drain Improvements

The Town's Street rehabilitation program includes the repairs of storm drains under the streets to increase the pavement's longevity at Ashford Place, Deerfield Drive, and Paseo Grande. The 12-foot diameter corrugated steel creek culvert under Corliss Drive near the intersection of Moraga Road will be handled via the following two-step process: 1) As part of this project, Corliss Drive above and around the culvert will be reconstructed and stabilized; and 2) Environmental permitting long lead times is necessary for the separate culvert repair project that will be initiated to complete this work.

Traffic Striping and Signage Improvements

The Harris' Worst First residential pavement rehabilitation scope, as mentioned above, was the rehabilitation of street pavement, storm drain infrastructure, and concrete improvements. Existing traffic striping and signage was to be replaced in kind, if damaged or missing. Separately, the Town is working on the designs for multiple safety improvement projects where some work limits are overlapping some portions of the Project. These safety improvement projects include:

- Moraga Road Safety Improvement Study (CIP 23-404);
- Highway Safety Improvement Program (CIP 21-410, 23-415, and 23-416);
- Corliss Drive Safe Routes to School (CIP 21-404);
- Annual Street Repairs (21-405).

In order to cost effectively and expedite implementation of new safety improvements and other safety repair work created by the above projects within the Project, staff proposes to issue contract change orders, as funds are available, to enhance the project's traffic

³ For detail construction management cost analysis of one construction season versus two construction seasons costs, see the January 23, 2024, staff report entitled "Award Professional Services Agreement for Construction Management, Inspection and Material Testing Services to Substrate, Inc." available on the Town's Agenda web page.

safety striping and signage. As part of the staff presentation, there will be a discussion about potential safety improvements that could be added to the Project including:

- Proposed Campolindo Drive red curb striping improvements (Attachment F).
- Proposed Corliss Drive at Los Perales Elementary School sidewalk, curb ramp and traffic markings (Attachment G).
- Proposed Corliss Drive at Moraga Road sidewalk, curb ramp and traffic markings (Attachment H).
- Proposed Corliss Drive along the “Outer Curve” interim shoulder striping and signage (Attachment I).

CEQA Compliance

The recommended actions in this report are not subject to review under the California Environmental Quality Act (CEQA) pursuant to Public Resources Code Section 21000, et seq. and CEQA Guidelines (14 Cal. Code Regs. 15000 et. seq.) as this project is categorically exempt pursuant to 14 Cal. Code Regs. 15301 (Class 1-Existing Facilities).

Fiscal Impact

The Adopted FY 2023-24 and FY 2024-25 Capital Improvement Program Budget for the combined 2023 and 2024 street rehabilitation projects (CIP 23-401 & 24-401) contains a total project allocation of \$6,837,000. This includes \$5,260,000 in construction costs and \$526,000 in contingency costs. The projected project cost is as follows:

Project Expenditure Categories	Projected Project Cost
Construction	\$5,221,366
Construction Management	730,250
Contingency (10%)	534,617
Administration	262,000
Totals	\$6,748,233

As a result, there is a potential budget savings of \$88,767 (\$6,837,000 minus \$6,748,233) that would be available to address additional project traffic safety striping and signage, ADA work, and sidewalk deficiencies.

Alternatives

1. Adopt the attached resolution.
2. Adopt the attached resolution with modifications.
3. Do not adopt the attached resolution and provide direction to staff.

Next Steps

- Upon approval, staff will execute the contract right away.
- Pre-construction meetings will start on May 1, 2024.
- Affected property owners and residents within the project limits of construction work will be notified on May 6, 2024.
- Review of contractor project submittals will take place on May 6, 2024.
- Construction is anticipated to start on May 13, 2024.

Attachments

- A.** Draft Resolution 2024 Awarding a Street Rehabilitation Construction Contract (\$5,346,177) to Bay Cities Paving & Grading, Inc. (CIP 23-401 & 24-401)
- B.** 2023 & 2024 Street Rehabilitation Projects (CIP 23-401 & 24-401) Bid Tabulations
- C.** 2023 & 2024 Street Rehabilitation Projects (CIP 23-401 & 24-401) Funding Sheets
- D.** 2023 & 2024 Street Rehabilitation Projects (CIP 23-401 & 24-401) Construction Contract
- E.** 2023 & 2024 Street Rehabilitation Projects (CIP 23-401 & 24-401) Street List
- F.** Proposed Campolindo Drive Traffic Red Curb Striping Improvements
- G.** Proposed Corliss Drive at Los Perales Elementary School Sidewalks, Curb Ramps, and Traffic Marking
- H.** Proposed Corliss Drive Sidewalks, Curb Ramps, and Traffic Markings and Signage at Moraga Road Intersection
- I.** Proposed Interim Corliss Drive Over Curve Shoulder Traffic Striping and Signage

**Report reviewed by: Scott Mitnick, Town Manager
Denise Bazzano, Assistant Town Attorney**

**TOWN OF MORAGA
TOWN COUNCIL**

RESOLUTION NO. __-2024

Awarding a Street Rehabilitation Contract to Cities Paving & Grading, Inc. (Bay Cities) of Concord, CA, for the 2023 and 2024 Pavement Rehabilitation Projects (CIP 23-401 and 24-401) in the Amount of \$5,346,177; and Authorizing the Town Manager to Execute the Construction Contract; Authorize the Town Engineer to Issue Contract Change Orders for up to \$534,617 (10% of the Contract Amount) for a Total Amount Not to Exceed \$5,880,794; Authorizing the Town Engineer to issue a balancing Contract Change Order No. 1 to eliminate Alternative A work scope in the amount of \$124,811 from the Construction Contract for a revised \$5,221,366 Construction Contract amount for a Total Project Amount Not to Exceed \$5,755,983; and Finding Project Categorically Exempt from CEQA (Class 1)

WHEREAS, the 2023 and 2024 Pavement Rehabilitation Projects (CIP 23-401 & 24-401) are fully funded in the adopted Fiscal Year (FY) 2023-24 – 2024-25 Capital Improvement Program (CIP) Budget;

WHEREAS, on January 23, 2024, the Town Engineer recommended bidding the 2023 and 2024 Pavement Rehabilitation Projects (CIP 23-401 & 24-401) as a single project to begin construction in 2024 for anticipated cost savings in both construction and construction management services. The Town Council awarded a \$635,000 Professional Services Agreement to Substrate Inc. for Construction Management, Inspection, and Material Testing Services;

WHEREAS, on March 9, 2024, the approved project bid documents for the 2023 and 2024 Pavement Rehabilitation Projects went out to bid pursuant to Moraga Municipal Code Chapter 3.06 and Public Contract Code Section 22037. A Notice Inviting Bid was advertised on the Town's website, in the East Bay Times newspaper, and in numerous builders' exchanges;

WHEREAS, on April 11, 2024, six (6) bid proposal packages were received, and a public bid opening was held;

WHEREAS, Bay Cities Paving and Grading Inc. (Concord, CA) bid proposal was the apparent lowest bid;

WHEREAS, The Town Engineer recommends finding the Bay Cities Paving and Grading Inc (Concord, CA) as the lowest responsive and responsible bidder with a Total Bid amount (Base Bid and Bid Alternate A total) of \$5,346,177.17;

WHEREAS, the Town Engineer recommends awarding Bay Cities Paving and Grading Inc (Concord, CA) a Construction Contract for the Total Bid price of \$5,346,177.17 per Contract Bid Proposal rules;

WHEREAS, the Town Engineer recommends authorizing a Construction Contingency amount for future contract change orders up to 10% of the contract amount in the amount of \$534,617, as needed during construction;

WHEREAS, the Town Engineer recommends adopting a balance Contract Change Order No. 1 to eliminate the Bid Alternate A work scope at savings of \$124,811.06 for a more cost-effective option within the Base Bid work scope after the contract award; and

NOW, THEREFORE, BE IT RESOLVED by the Town Council of the Town of Moraga hereby determines that:

1. This project is not subject to environmental review under the California Environmental Quality Act (CEQA) pursuant to Public Resources Code Section 21000, et seq. and the CEQA Guidelines (14 Cal. Code Regs. 15000 et. seq.), as this project is categorically exempt pursuant to 14 Cal. Code Regs. 15301 (Class 1-Existing Facilities).
2. Bay Cities Paving and Grading Inc (Concord, CA) was determined to be the lowest responsive and responsible bidder with a Total Bid amount (Base Bid and Bid Alternate A totals) of \$5,346,177.17.
3. Pursuant to Moraga Municipal Code 3.06.050 (C), hereby awards a construction contract to Bay Cities Paving and Grading Inc (Concord, CA) for the Total Bid in the amount of \$5,346,177.17 for the 2023 and 2024 Pavement Rehabilitation Projects (CIP 23-401 and 24-401).
4. The Town Manager is hereby authorized to execute the Construction Contract in the amount of \$5,346,177.17 with minor contract revisions that may be approved by the Town Manager and the Town Attorney and to execute any other necessary documents to effectuate the terms of the Construction Contract.
5. The Town Engineer is hereby authorized to issue Contract Change Orders for up to \$534,617 (10% of the Contract amount) for a total Amount Not to Exceed \$5,880,794.17 (\$5,346,177.17 plus \$534,617).
6. The Town Engineer is hereby authorized to issue a balancing Contract Change Order No. 1 to eliminate the Bid Alternate A work scope in the amount of \$124,811.06 from the Construction Contract for a revised \$5,221,366.11 (\$5,346,177.17 minus \$124,811.06) for a Total Amount to Not Exceed \$5,755,983.11 (\$5,221,366.11 plus \$534,617).

2023 & 2024 PAVEMENT REHABILITATION PROJECT (23-401 & 24-401)				ENGINEER'S ESTIMATE		BAY CITIES PAVING AND GRADING		DE SILVA GATES CONSTRUCTION		GHIOTTI BROTHERS INC		McGUIRE HESTER		GHIOTTI CONSTRUCTION CO		GRANITE CONSTRUCTION CO	
BID ITEM	ITEM DESCRIPTION	UOM	QTY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization (Not To Exceed 5% of Contract Value)	LS	1	\$ 207,100.00	\$ 207,100.00	\$ 250,000.00	\$ 250,000.00	\$ 270,000.00	\$ 270,000.00	\$ 280,000.00	\$ 280,000.00	\$ 300,000.00	\$ 300,000.00	\$ 280,000.00	\$ 280,000.00	\$ 316,500.00	\$ 316,500.00
2	Demobilization	LS	1	\$ 46,100.00	\$ 46,100.00	\$ 5,000.00	\$ 5,000.00	\$ 20,000.00	\$ 20,000.00	\$ 5,000.00	\$ 5,000.00	\$ 150,000.00	\$ 150,000.00	\$ 24,280.00	\$ 24,280.00	\$ 15,000.00	\$ 15,000.00
3	Traffic Control & Construction Area Signs	LS	1	\$ 230,100.00	\$ 230,100.00	\$ 864,550.00	\$ 864,550.00	\$ 585,222.00	\$ 585,222.00	\$ 460,000.00	\$ 460,000.00	\$ 1,000,000.00	\$ 1,000,000.00	\$ 21,000.00	\$ 21,000.00	\$ 586,000.00	\$ 586,000.00
4	Portable Changeable Message Signs (PCMS)	EA	7	\$ 5,400.00	\$ 37,800.00	\$ 1,964.02	\$ 13,748.14	\$ 3,000.00	\$ 21,000.00	\$ 10,000.00	\$ 70,000.00	\$ 8,250.00	\$ 57,750.00	\$ 9,500.00	\$ 66,500.00	\$ 8,000.00	\$ 56,000.00
5	Storm Water Pollution Prevention	LS	1	\$ 12,000.00	\$ 12,000.00	\$ 80,000.00	\$ 80,000.00	\$ 1,000.00	\$ 1,000.00	\$ 23,000.00	\$ 23,000.00	\$ 72,000.00	\$ 72,000.00	\$ 850.00	\$ 850.00	\$ 15,000.00	\$ 15,000.00
6	Unsuitable Subgrade (Revocable)	CY	50	\$ 330.00	\$ 16,500.00	\$ 199.00	\$ 9,950.00	\$ 100.00	\$ 5,000.00	\$ 225.00	\$ 11,250.00	\$ 215.00	\$ 10,750.00	\$ 150.00	\$ 7,500.00	\$ 683.00	\$ 34,150.00
7	Potholing	LS	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 40,000.00	\$ 40,000.00	\$ 30,000.00	\$ 30,000.00	\$ 175,000.00	\$ 175,000.00	\$ 20,000.00	\$ 20,000.00	\$ 115,000.00	\$ 115,000.00
8	Cape Seal (AR Chip Seal & Microsurfacing)	SY	24,085	\$ 12.00	\$ 289,020.00	\$ 11.90	\$ 286,611.50	\$ 14.00	\$ 337,190.00	\$ 12.50	\$ 301,062.50	\$ 13.55	\$ 326,351.75	\$ 14.32	\$ 344,897.20	\$ 15.00	\$ 361,275.00
9	Crack Sealing	LS	1	\$ 95,300.00	\$ 95,300.00	\$ 11,250.00	\$ 11,250.00	\$ 11,000.00	\$ 11,000.00	\$ 11,250.00	\$ 11,250.00	\$ 73,300.00	\$ 73,300.00	\$ 11,250.00	\$ 11,250.00	\$ 73,300.00	\$ 73,300.00
10	HMA Base Repair - 4" Depth	SF	48,902	\$ 8.10	\$ 396,106.20	\$ 6.74	\$ 329,599.48	\$ 8.00	\$ 391,216.00	\$ 6.00	\$ 293,412.00	\$ 10.00	\$ 489,020.00	\$ 8.00	\$ 391,216.00	\$ 8.50	\$ 415,667.00
11	HMA Base Repair - 6" Depth	SF	63	\$ 10.20	\$ 642.60	\$ 57.55	\$ 3,625.65	\$ 13.00	\$ 819.00	\$ 60.00	\$ 3,780.00	\$ 12.00	\$ 756.00	\$ 25.00	\$ 1,575.00	\$ 5.50	\$ 346.50
12	Mill AC Pavement - 3" Deep	SY	12,626	\$ 7.60	\$ 95,957.60	\$ 8.66	\$ 109,341.16	\$ 9.00	\$ 113,634.00	\$ 7.40	\$ 93,432.40	\$ 6.00	\$ 75,756.00	\$ 15.00	\$ 189,390.00	\$ 8.50	\$ 107,321.00
13	Mill AC Pavement - 4" Deep	SY	23,220	\$ 10.10	\$ 234,522.00	\$ 9.32	\$ 216,410.40	\$ 10.00	\$ 232,200.00	\$ 7.50	\$ 174,150.00	\$ 8.25	\$ 191,565.00	\$ 15.00	\$ 348,300.00	\$ 10.00	\$ 232,200.00
14	Hot Mix Asphalt (HMA)	TON	8,900	\$ 170.00	\$ 1,513,000.00	\$ 138.37	\$ 1,231,493.00	\$ 150.00	\$ 1,335,000.00	\$ 165.00	\$ 1,468,500.00	\$ 160.00	\$ 1,424,000.00	\$ 200.00	\$ 1,780,000.00	\$ 175.00	\$ 1,557,500.00
15	Earthwork Export (For FDR Treatment and Pavement Damage Repair)	CY	821	\$ 90.00	\$ 73,890.00	\$ 99.14	\$ 81,393.94	\$ 90.00	\$ 73,890.00	\$ 90.00	\$ 73,890.00	\$ 70.00	\$ 57,470.00	\$ 98.00	\$ 80,458.00	\$ 115.00	\$ 94,415.00
16	FDR with Cement Treatment to Depth of 6"	SY	8,460	\$ 6.00	\$ 50,760.00	\$ 10.57	\$ 89,422.20	\$ 16.00	\$ 135,360.00	\$ 12.00	\$ 101,520.00	\$ 25.85	\$ 218,691.00	\$ 15.00	\$ 126,900.00	\$ 33.50	\$ 283,410.00
17	Micro-Cracking Treated Base	SY	8,460	\$ 0.40	\$ 3,384.00	\$ 0.11	\$ 930.60	\$ 0.35	\$ 2,961.00	\$ 0.35	\$ 2,961.00	\$ 0.65	\$ 5,499.00	1.50	\$ 12,690.00	1.00	\$ 8,460.00
18	Portland Cement for FDR (5% Assumed)	TON	124	\$ 220.00	\$ 27,280.00	\$ 226.00	\$ 28,024.00	\$ 270.00	\$ 33,480.00	\$ 226.00	\$ 28,024.00	\$ 226.00	\$ 28,024.00	\$ 226.00	\$ 28,024.00	\$ 226.00	\$ 28,024.00
19	Ground Stabilization Below Pavement in Corliss Drive (DWG P-06)	LS	1	\$ 70,000.00	\$ 70,000.00	\$ 100,000.00	\$ 100,000.00	\$ 90,000.00	\$ 90,000.00	\$ 108,000.00	\$ 108,000.00	\$ 115,000.00	\$ 115,000.00	\$ 49,500.00	\$ 49,500.00	\$ 100,000.00	\$ 100,000.00
20	Class 2 Aggregate Base (for Pavement Damage Repair,Subbase, and Shoulder Backing)	TON	139	\$ 200.00	\$ 27,800.00	\$ 32.03	\$ 4,452.17	\$ 100.00	\$ 13,900.00	\$ 100.00	\$ 13,900.00	\$ 140.00	\$ 19,460.00	\$ 140.00	\$ 19,460.00	\$ 165.00	\$ 22,935.00
21	Lower and Raise Rodding Inlet to Grade	EA	12	\$ 1,090.00	\$ 13,080.00	\$ 930.00	\$ 11,160.00	\$ 930.00	\$ 11,160.00	\$ 930.00	\$ 11,160.00	\$ 1,000.00	\$ 12,000.00	\$ 930.00	\$ 11,160.00	\$ 930.00	\$ 11,160.00
22	Lower and Raise Rodding Handhold to Grade	EA	2	\$ 636.00	\$ 1,272.00	\$ 1,000.00	\$ 2,000.00	\$ 1,500.00	\$ 3,000.00	\$ 1,250.00	\$ 2,500.00	\$ 1,000.00	\$ 2,000.00	\$ 1,200.00	\$ 2,400.00	\$ 750.00	\$ 1,500.00
23	Lower and Raise Rodding Monument to Grade	EA	35	\$ 960.00	\$ 33,600.00	\$ 1,680.00	\$ 58,800.00	\$ 1,500.00	\$ 52,500.00	\$ 930.00	\$ 32,550.00	\$ 1,000.00	\$ 35,000.00	\$ 930.00	\$ 32,550.00	\$ 1,667.00	\$ 58,345.00
24	Lower and Raise Sanitary or Storm Drain Manhole to Grade	EA	37	\$ 1,330.00	\$ 49,210.00	\$ 1,280.00	\$ 47,360.00	\$ 1,300.00	\$ 48,100.00	\$ 1,280.00	\$ 47,360.00	\$ 1,280.00	\$ 47,360.00	\$ 1,280.00	\$ 47,360.00	\$ 1,280.00	\$ 47,360.00
25	Lower and Raise Telephone Manhole to Grade	EA	5	\$ 1,530.00	\$ 7,650.00	\$ 1,750.00	\$ 8,750.00	\$ 1,800.00	\$ 9,000.00	\$ 1,750.00	\$ 8,750.00	\$ 1,750.00	\$ 8,750.00	\$ 1,750.00	\$ 8,750.00	\$ 1,750.00	\$ 8,750.00
26	Lower and Protect Water Valve	EA	62	\$ 290.00	\$ 17,980.00	\$ 465.00	\$ 28,830.00	\$ 500.00	\$ 31,000.00	\$ 465.00	\$ 28,830.00	\$ 500.00	\$ 31,000.00	\$ 465.00	\$ 28,830.00	\$ 465.00	\$ 28,830.00
27	Raise Water Valve to Grade (Revocable if not Used)	EA	62	\$ 680.00	\$ 42,160.00	\$ 465.00	\$ 28,830.00	\$ 500.00	\$ 31,000.00	\$ 465.00	\$ 28,830.00	\$ 500.00	\$ 31,000.00	\$ 465.00	\$ 28,830.00	\$ 465.00	\$ 28,830.00
28	Replace Water Valve Box (Revocable if not Used)	EA	31	\$ 900.00	\$ 27,900.00	\$ 190.00	\$ 5,890.00	\$ 200.00	\$ 6,200.00	\$ 190.00	\$ 5,890.00	\$ 655.00	\$ 20,305.00	\$ 600.00	\$ 18,600.00	\$ 190.00	\$ 5,890.00
29	Remove and Replace Spike Monument (Including Buried Spikes)	EA	13	\$ 2,400.00	\$ 31,200.00	\$ 1,254.70	\$ 16,311.10	\$ 650.00	\$ 8,450.00	\$ 3,500.00	\$ 45,500.00	\$ 1,000.00	\$ 13,000.00	\$ 1,000.00	\$ 13,000.00	\$ 737.00	\$ 9,581.00
30	Remove and Replace Monument on Corliss Dr	EA	1	\$ 2,400.00	\$ 2,												

45	Install 12" Stripe for Ladder Crosswalk (W) (Thermoplastic)	SF	1,244	\$ 10.00	\$ 12,440.00	\$ 10.00	\$ 12,440.00	\$ 10.00	\$ 12,440.00	\$ 10.00	\$ 12,440.00	\$ 10.00	\$ 12,440.00	\$ 10.00	\$ 12,440.00	\$ 10.00	\$ 12,440.00	
46	Install 12" Stripe for Ladder Crosswalk (Y) (Thermoplastic)	SF	701	\$ 10.00	\$ 7,010.00	\$ 10.00	\$ 7,010.00	\$ 10.00	\$ 7,010.00	\$ 10.00	\$ 7,010.00	\$ 10.00	\$ 7,010.00	\$ 10.00	\$ 7,010.00	\$ 10.00	\$ 7,010.00	
47	Install 12" Stripe for Limit line (W) (Thermoplastic)	LF	161	\$ 10.00	\$ 1,610.00	\$ 10.00	\$ 1,610.00	\$ 10.00	\$ 1,610.00	\$ 10.00	\$ 1,610.00	\$ 10.00	\$ 1,610.00	\$ 10.00	\$ 1,610.00	\$ 10.00	\$ 1,610.00	
48	Install CalTrans Striping Detail 2	LF	113	\$ 1.10	\$ 124.30	\$ 4.50	\$ 508.50	\$ 5.00	\$ 565.00	\$ 4.50	\$ 508.50	\$ 4.50	\$ 508.50	\$ 4.50	\$ 508.50	\$ 4.50	\$ 508.50	
49	Install CalTrans Striping Detail 9	LF	4,147	\$ 1.10	\$ 4,561.70	\$ 4.50	\$ 18,661.50	\$ 5.00	\$ 20,735.00	\$ 4.50	\$ 18,661.50	\$ 4.50	\$ 18,661.50	\$ 4.50	\$ 18,661.50	\$ 4.50	\$ 18,661.50	
50	Install CalTrans Striping Detail 19	LF	1,521	\$ 1.10	\$ 1,673.10	\$ 8.00	\$ 12,168.00	\$ 8.00	\$ 12,168.00	\$ 8.00	\$ 12,168.00	\$ 8.00	\$ 12,168.00	\$ 8.00	\$ 12,168.00	\$ 8.00	\$ 12,168.00	
51	Install CalTrans Striping Detail 22 (Thermoplastic)	LF	5,191	\$ 3.00	\$ 15,573.00	\$ 9.00	\$ 46,719.00	\$ 9.00	\$ 46,719.00	\$ 9.00	\$ 46,719.00	\$ 9.00	\$ 46,719.00	\$ 9.00	\$ 46,719.00	\$ 9.00	\$ 46,719.00	
52	Install CalTrans Striping Detail 27B (Thermoplastic)	LF	2,273	\$ 1.10	\$ 2,500.30	\$ 3.75	\$ 8,523.75	\$ 4.00	\$ 9,092.00	\$ 3.75	\$ 8,523.75	\$ 3.75	\$ 8,523.75	\$ 3.75	\$ 8,523.75	\$ 3.75	\$ 8,523.75	
53	Install CalTrans Striping Detail 38 (Thermoplastic)	LF	424	\$ 2.10	\$ 890.40	\$ 5.50	\$ 2,332.00	\$ 6.00	\$ 2,544.00	\$ 5.50	\$ 2,332.00	\$ 5.50	\$ 2,332.00	\$ 5.50	\$ 2,332.00	\$ 5.50	\$ 2,332.00	
54	Install CalTrans Striping Detail 38A (Thermoplastic)	LF	1,058	\$ 4.00	\$ 4,232.00	\$ 5.00	\$ 5,290.00	\$ 5.00	\$ 5,290.00	\$ 5.00	\$ 5,290.00	\$ 5.00	\$ 5,290.00	\$ 5.00	\$ 5,290.00	\$ 5.00	\$ 5,290.00	
55	Install CalTrans Striping Detail 39 (Thermoplastic)	LF	6,306	\$ 1.30	\$ 8,197.80	\$ 4.00	\$ 25,224.00	\$ 4.00	\$ 25,224.00	\$ 4.00	\$ 25,224.00	\$ 4.00	\$ 25,224.00	\$ 4.00	\$ 25,224.00	\$ 4.00	\$ 25,224.00	
56	Install CalTrans Striping Detail 39A (Thermoplastic)	LF	294	\$ 1.10	\$ 323.40	\$ 4.00	\$ 1,176.00	\$ 4.00	\$ 1,176.00	\$ 4.00	\$ 1,176.00	\$ 4.00	\$ 1,176.00	\$ 4.00	\$ 1,176.00	\$ 4.00	\$ 1,176.00	
57	Install Blue Fire Hydrant Markers	EA	19	\$ 26.00	\$ 494.00	\$ 25.00	\$ 475.00	\$ 25.00	\$ 475.00	\$ 25.00	\$ 475.00	\$ 25.00	\$ 475.00	\$ 25.00	\$ 475.00	\$ 25.00	\$ 475.00	
58	Install Traffic Sign	EA	3	\$ 530.00	\$ 1,590.00	\$ 550.00	\$ 1,650.00	\$ 650.00	\$ 1,950.00	\$ 645.00	\$ 1,935.00	\$ 645.00	\$ 1,935.00	\$ 550.00	\$ 1,650.00	\$ 645.00	\$ 1,935.00	
59	Open Cut Point Repair - 15" Dia Pipe (DWG P-06)	LF	8	\$ 440.00	\$ 3,520.00	\$ 1,505.99	\$ 12,047.92	\$ 2,200.00	\$ 17,600.00	\$ 2,800.00	\$ 22,400.00	\$ 2,500.00	\$ 20,000.00	\$ 1,500.00	\$ 12,000.00	\$ 2,500.00	\$ 20,000.00	
60	CIPP Point Repair 15" Dia Pipe (DWG P-19)	LF	10	\$ 470.00	\$ 4,700.00	\$ 4,500.00	\$ 45,000.00	\$ 4,500.00	\$ 45,000.00	\$ 4,500.00	\$ 45,000.00	\$ 1,800.00	\$ 18,000.00	\$ 2,250.00	\$ 22,500.00	\$ 6,500.00	\$ 65,000.00	
61	CIPP Point Repair 24" Dia Pipe (DWG P-05)	LF	6	\$ 200.00	\$ 1,200.00	\$ 7,850.00	\$ 47,100.00	\$ 7,800.00	\$ 46,800.00	\$ 7,850.00	\$ 47,100.00	\$ 3,000.00	\$ 18,000.00	\$ 4,000.00	\$ 24,000.00	\$ 10,500.00	\$ 63,000.00	
62	CIPP Point Repair 30" Dia Pipe (DWG P-18)	LF	6	\$ 280.00	\$ 1,680.00	\$ 8,500.00	\$ 51,000.00	\$ 8,500.00	\$ 51,000.00	\$ 8,500.00	\$ 51,000.00	\$ 4,400.00	\$ 26,400.00	\$ 4,000.00	\$ 24,000.00	\$ 11,000.00	\$ 66,000.00	
63	Fill Voids Prior to CIPP Lining - 30" Dia Pipe (DWG SD-2& DWG SD-3)	LF	630	\$ 70.00	\$ 44,100.00	\$ 8.70	\$ 5,481.00	\$ 85.00	\$ 53,550.00	\$ 26.00	\$ 16,380.00	\$ 80.00	\$ 50,400.00	\$ 125.00	\$ 78,750.00	\$ 135.00	\$ 85,050.00	
64	Remove Debris and Clean 15" SD Pipe in Ashford PI (DWG SD-1)	LF	208	\$ 40.00	\$ 8,320.00	\$ 30.51	\$ 6,346.08	\$ 42.00	\$ 8,736.00	\$ 82.00	\$ 17,056.00	\$ 50.00	\$ 10,400.00	\$ 50.00	\$ 10,400.00	\$ 67.00	\$ 13,936.00	
65	Remove ACP Storm Drain Pipe - Various Sizes Up to 30" Dia (Revocable if No Used)	LF	40	\$ 300.00	\$ 12,000.00	\$ 111.51	\$ 4,460.40	\$ 820.00	\$ 32,800.00	\$ 60.00	\$ 2,400.00	\$ 715.00	\$ 28,600.00	\$ 900.00	\$ 36,000.00	\$ 100.00	\$ 4,000.00	
66	CIPP the Entire Pipe 30" (DWG SD-2 & DWG SD-3)	LF	850	\$ 110.00	\$ 93,500.00	\$ 151.00	\$ 128,350.00	\$ 375.00	\$ 318,750.00	\$ 485.00	\$ 412,250.00	\$ 200.00	\$ 170,000.00	\$ 380.00	\$ 323,000.00	\$ 400.00	\$ 340,000.00	
		Total Base Bid			\$ 5,325,273.40			\$ 5,221,366.11			\$ 5,648,286.00			\$ 5,799,718.65			\$ 6,242,690.50	
																\$ 6,270,337.95		
																	\$ 6,342,372.25	

Bid Alternative A - 4" Mill and Fill Instead of FDR				ENGINEER'S ESTIMATE		BAY CITIES PAVING AND GRADING		DE SILVA GATES CONSTRUCTION		GHILOTTI BROTHERS INC		McGUIRE HESTER		GHILOTTI CONSTRUCTION CO		GRANITE CONSTRUCTION CO	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
BID ITEM	ITEM DESCRIPTION	UOM	QTY														
1A	Traffic Control & Construction Area Signs	LS	1	\$ (5,000.00)	\$ (5,000.00)	\$ 40,000.00	\$ 40,000.00	\$ 15,000.00	\$ 15,000.00	\$ 1,500.00	\$ 1,500.00	\$ 1.00	\$ 1.00	\$ 8,800.00	\$ 8,800.00	\$ 8,900.00	\$ 8,900.00
2A	Mill AC Pavement - 4" Deep	SY	8,460	\$ 10.10	\$ 85,446.00	\$ 10.12	\$ 85,615.20	\$ 9.00	\$ 76,140.00	\$ 8.00	\$ 67,680.00	\$ 8.25	\$ 69,795.00	\$ 13.00	\$ 109,980.00	\$ 12.00	\$ 101,520.00
3A	Hot Mix Asphalt (HMA)	TON	476	\$ 170.00	\$ 80,920.00	\$ 171.91	\$ 81,829.16	\$ 150.00	\$ 71,400.00	\$ 200.00	\$ 95,200.00	\$ 145.00	\$ 69,020.00	\$ 170.00	\$ 80,920.00	\$ 195.00	\$ 92,820.00
4A	Earthwork Export (For FDR Treatment)	CY	-705	\$ 90.00	\$ (63,450.00)	\$ 20.82	\$ (14,678.10)	\$ 90.00	\$ (63,450.00)	\$ 88.00	\$ (62,040.00)	\$ 70.00	\$ (49,350.00)	\$ 98.00	\$ (69,090.00)	\$ 53.00	\$ (37,365.00)
5A	FDR with Cement Treatment to Depth of 6"	SY	-8,460	\$ 6.00	\$ (50,760.00)	\$ 4.83	\$ (40,861.80)	\$ 16.00	\$ (135,360.00)	\$ 12.00	\$ (101,520.0						

2023 Pavement Rehabilitation Project

Project No: 23-401

Category: Transportation

Project Location: Town Wide

Responsible Department: Public Works



Account Number & Status: 700-724-XXX-23 Status: Funded

Project Objective: Annually review Pavement Management System analysis, assess current needs, and allocate appropriate funds to provide cost-effective pavement maintenance. This project addresses 2023 Town Goal #2,3,7.

Project Description: 2023 Pavement Rehabilitation is a continuation of the 2022 Pavement Rehabilitation Project. The project scope will align with the Basis of Design Memo created as part of the worst first residential program. The project will rehabilitate residential streets that have a PCI of 50 or below with the appropriate rehabilitation treatments for each street.

Basis for Schedule: The Town utilizes StreetSaver, an industry-standard pavement asset management software, to preliminarily select candidate street segments to repair because of StreetSaver's objectiveness, it is a valuable tool to guide the Town on how to invest the Town's limited pavement funds to maintain the Town's entire pavement network in the best possible condition.

Basis for Cost: The budgeted costs are based on previous engineering consultant contracts and project cost estimates for construction. Note: These costs are not escalated as the budget has been set. Design is covered under the 2022 Pavement Rehabilitation Project.

Project Balance Note:

EXPENDITURES	(Thousands of Dollars)								PROJECT TOTAL
	Prior FY Actuals	FY 22/23 Expenses	FY 23/24 Carryover	2023-24	2024-25	2025-26	2026-27	2027-28	
071 - Administration				127					127
072 - Construction				2,600					2,600
073 - Const Mgmt/Inspection				390					390
074 - Contingency				260					260
EXPENDITURE TOTALS				3,377					3,377
FUNDING SOURCES									
212-Garbage Vehicle Impact Fees				1,173					1,173
213-Measure K				2,204					2,204
FUNDING TOTALS				3,377					3,377

2024 Pavement Rehabilitation

Project No: 24-401

Category: Transportation

Project Location: Town Wide

Responsible Department: Public Works



Account Number & Status: 700-724-XXX-24 Status: Funded

Project Objective: Annually review Pavement Management System analysis, assess current needs, and allocate appropriate funds to provide cost-effective pavement maintenance. This project addresses 2023 Town Goal #2,3,7.

Project Description: 2024 is a continuation of the 2022 and 2023 Pavement Rehabilitation Project. The project scope will align with the Basis of Design Memo created as part of the worst first residential program. The project will rehabilitate residential streets that have a PCI of 50 or below with the appropriate rehabilitation treatments for each street.

Basis for Schedule: The Town utilizes StreetSaver, an industry-standard pavement asset management software, to preliminarily select candidate street segments to repair because of StreetSaver's objectiveness it is a valuable tool to guide the Town on how to invest the Town's limited pavement funds to maintain the Town's entire pavement network in the best possible condition.

Basis for Cost: The budgeted costs are based on previous engineering consultant contracts and project cost estimates for construction. Note: These costs are not escalated as the budget has been set. A large portion of the design is covered under the 2022 Pavement Rehabilitation Project.

Project Balance Note:

EXPENDITURES	(Thousands of Dollars)								
	Prior FY Actuals	FY 22/23 Expenses	FY 23/24 Carryover	2023-24	2024-25	2025-26	2026-27	2027-28	PROJECT TOTAL
071 - Administration					135				135
072 - Construction					2,660				2,660
073 - Const Mgmt/Inspection					399				399
074 - Contingency					266				266
EXPENDITURE TOTALS					3,460				3,460
FUNDING SOURCES									
205-Gas Tax					220				220
210-Measure J					38				38
211-Measure J 28C					37				37
212-Garbage Vehicle Impact Fees					1,020				1,020
213-Measure K					2,145				2,145
FUNDING TOTALS					3,460				3,460

CONTRACT

2023 and 2024 Pavement Rehabilitation Projects (CIP 23-401 & 24-401)

This public works contract ("Contract") is entered into by and between Town of Moraga ("Owner") and Bay Cities Paving & Grading, Inc ("Contractor") for work on the 2023 and 2024 Pavement Rehabilitation Projects (CIP 23-401 & 24-401) ("Project").

The parties agree as follows:

1. **Award of Contract.** In response to the Notice Inviting Bids, Contractor has submitted a Bid Proposal to perform work on the Project, and on April,11, 2024, the Owner authorized the award of this Contract to Contractor for the amount of Contractor's bid.
2. **Contract Documents.** The Contract Documents are comprised of collectively: the Notice Inviting Bids; the Instructions to Bidders; addenda, if any; the Bid Proposal, and attachments thereto; the Contract; the notice of award and notice to proceed; the payment and performance bonds; any escrow agreement for securities in lieu of retention; the liability and insurance requirements; certificates of insurance and proof of liability coverage; the General Conditions; the Supplemental Conditions, if any; the conformed Project plans, drawings and specifications; applicable provisions of the Caltrans Standard Specifications and the Special Provisions; Change Orders, if any; the guaranty; the agreement and release of any and all claims; and (if any) items identified as Contract Documents in the General Conditions. Approved Shop Drawings, other Contractor submittals, the reports and drawings of subsurface and physical conditions provided for informational purposes only do not comprise Contract Documents.
3. **Contractor's Services.** Contractor agrees to perform all of the Work required for the Project, as specified in the Contract Documents, all of which are fully incorporated herein. Contractor shall provide, furnish, and supply all things necessary and incidental for the timely performance and completion of the Work, including, but not limited to, provision of all necessary labor, materials, equipment, transportation, and utilities, unless otherwise specified in the Contract Documents. Contractor also agrees to use its best efforts to complete the Work in a professional and expeditious manner and to meet or exceed the performance standards required by the Contract Documents.
4. **Payment.** As full and complete compensation for Contractor's timely performance and completion of the Work in strict accordance with the terms and conditions of the Contract Documents, Owner shall pay Contractor Five Million Three Hundred Forty Six Thousand and One Hundred Seventy Seven Dollars (\$ 5,346,177)(the "Contract Price"), in accordance with the payment provisions set forth in the General Conditions. The Contract Price is all inclusive and includes all Work; all federal, state, and local taxes on materials and equipment, and labor furnished by Contractor, its subcontractors, subconsultants, architects, engineers, and vendors

April 2024

Page 1 of 5
Contract

or otherwise arising out of Contractor's performance of the Work, including any increases in any such taxes during the term of this Agreement; and any duties, fees, and royalties imposed with respect to any materials and equipment, labor or services. The taxes covered hereby include (but are not limited to) occupational, sales, use, excise, unemployment, FICA, and income taxes, customs, duties, and any and all other taxes on any item or service that is part of the Work, whether such taxes are normally included in the price of such item or service or are normally stated separately. Notwithstanding the foregoing, each party shall bear such state or local inventory, real property, personal property or fixtures taxes as may be properly assessed against it by applicable taxing authorities.

5. **Time for Completion.** Contractor shall provide an executed contract and the necessary bonding and insurance certifications within seven (7) days of the notice of award, prior to the construction start date of May 13, 2024. Contractor shall fully complete the Work for the Project within 150 working days from the commencement date given in the notice to proceed. Contract execution and work completion are collectively referred to as the "Contract Times". By signing below, Contractor expressly waives any claim for delayed early completion.
6. **Liquidated Damages.** If Contractor fails to complete the Work within the Contract Times, Owner may assess liquidated damages in the amount of five thousand two hundred dollars (\$5,200) for each calendar day of unexcused delay in substantial completion, five thousand two hundred dollars (\$5,200) for each calendar day of unexcused delay in final completion and the Contract Price shall be reduced accordingly.
7. **Labor Code Compliance.** This public works Contract is subject to all applicable requirements of Chapter 1 of Part 7 of Division 2 of the Labor Code, including, but not limited to, requirements pertaining to wages, working hours and workers' compensation insurance. Pursuant to Labor Code Section 1771(a), Contractor represents that it and all of its Subcontractors are currently registered and qualified to perform public work pursuant to Labor Code Section 1725.5. Contractor covenants that any additional or substitute Subcontractors will be similarly registered and qualified.
8. **Workers' Compensation Certification.** Pursuant to Labor Code Section 1861, by signing this Contract, Contractor certifies as follows: "I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the Work on this Contract."
9. **Prevailing Wages.** This Project is subject to the prevailing wage requirements applicable to the locality in which the Work is to be performed for each craft, classification or type of worker needed to perform the Work, including employer payments for health and welfare, pension, vacation, apprenticeship and similar

purposes. Copies of these prevailing rates are available online at <http://www.dir.ca.gov/DLSR>.

10. **Notice.** Any notice, billing, or payment required by the Contract Documents must be made in writing, and sent to the other party by personal delivery, U.S. Mail, a reliable overnight delivery service, facsimile, or by e-mail as a PDF (or comparable) file. Notice is deemed effective upon delivery unless otherwise specified. Notice for each party shall be given as follows:

	Owner	Contractor
Name	Town of Moraga	Bay Cities Paving & Grading, Inc
Address	329 Rheem Boulevard	1450 Civic Court BLDG B, STE.400
City/state/zip	Moraga, CA 94556	Concord, CA 94520
Phone	(925) 888-7026	(925)687-6666
Fax	(925) 376-5203	(925)687-2122
Attn:	Shawn Knapp	Benjiamen L. Rodriguez, Jr
Email	sknapp@moraga.ca.us	ben@baycities.us
Copy to:	publicworks@moraga.ca.us	contracts@baycities.us

11. General Provisions.

11.1. **Assignment and Successors.** Contractor may not assign its rights or obligations under this Contract, in part or in whole, without Owner's written consent. This Contract is binding on Contractor's successors and permitted assigns.

11.2. **Third Party Beneficiaries.** There are no intended third party beneficiaries to this Contract except as expressly provided in the General Conditions or Supplemental General Conditions.

11.3. **Governing Law and Venue.** This Contract shall be governed by California law and venue shall be in the Superior Court of the County in which the Project is located, and no other place.

11.4. **Amendment.** No amendment or modification of this Contract shall be binding unless it is in a writing duly authorized and signed by the parties to this Contract.

11.5. **Integration; Severability.** This Contract and the Contract Documents incorporated herein, including authorized amendments or change orders thereto, constitute the final, complete, and exclusive terms of the agreement between Owner and Contractor. If any provision of this Contract, or portion thereof, is determined to be illegal, invalid, or unenforceable, the remaining provisions of the Contract shall remain in full force and effect.

11.6. **Authorization.** Each individual signing below warrants that he or she is authorized to do so by the party that he or she represents, and that this Contract is legally binding on that party.

{This Space Intentionally Blank}

The parties agree to this Contract as witnessed by the signatures below:

OWNER:

s/ _____
Scott Mitnick
Town Manager

Date: _____

Attest:

s/ _____
Amy Heavener
Town Clerk

Date: _____

Seal:

Approved as to Form:

s/ _____
Michelle Marchetta Kenyon
Town Attorney

Date: _____

Approved:

s/ _____
Katie Bruner
Administrative Services Director

Date: _____

CONTRACTOR:

s/ _____
Name: _____
Title: _____

Company: _____
Address: _____

Attachment E

2023 and 2024 Pavement Rehabilitation Project (CIP 23-401 & 24-401) Street List

Street Name	Beginning	End	Pavement Rehabilitation Treatment
Butterfield Place	Tharp Drive	South End	3" Mill and Overlay
Constance Place	Canyon Road	North End	3" Mill and Overlay
Corliss Drive	Ashford Place	Moraga Road	4" Mill and Overlay
Corliss Drive	Warfield Drive	Wakefield Drive	3" Mill and Overlay
Corte Fortuna	Calle La Mesa	East End	Full Depth Reclamation (FDR)
Donald Drive	Laird Drive	Moraga Road	4" Mill and Overlay
Fairfield Place	Mayfield Place	South End	3" Mill and Overlay
Lakefield Place	Tharp Drive	North End	4" Mill and Overlay
Millfield Place	Deerfield Drive	East End	4" Mill and Overlay
Moraga Road	By 380 Moraga Road		Spot Repairs
Moraga Road	Buckingham Drive	Sky Hy Drive	Rubberized Cape Seal
Paseo Del Rio	Campolindo Drive	Calle La Mesa	Full Depth Reclamation (FDR)
Redfield Place	Tharp Drive	East End	3" Mill and Overlay
Springfield Place	Tharp Drive	South End	3" Mill and Overlay
St. Mary's Road	Stafford Road	St. Mary's Pkwy	Rubberized Cape Seal
Via Granada	Calle La Mesa	Moraga Road	3" Mill and Overlay
Wimpole Street	Woodford Drive	North End	4" Mill and Overlay

NOTE: The street list is subject to change.

Attachment F
**CAMPOLINDO DRIVE - PROPOSED
RED STRIPING IMPROVEMENTS**



No Parking zone extends at least 20 feet out from crosswalk. No Parking zones may be extended further than 20 feet to improve visibility and safety depending on site conditions.

NOTE:

1. PARKING PROHIBITIONS WITHIN 20' OF THE APPROACH SIDE OF CROSSWALKS REQUIRED PER AB 413 (2024).
2. PARKING PROHIBITIONS ON THE DEPARTURE SIDE OF CROSSWALKS PER INTERSECTION WIDTH AND EXISTING SIGHT LINES.

Recommendation of Red Curb Marking and Signages on Campolindo Drive at Paseo Del Rio and Calle La Mesa Intersections

The Campolindo Home Owner Association (HOA) approached Town staff with a request to add “No Parking” (red curb markings and signage) areas along Campolindo Drive at the Paseo Del Rio and particularly at the Calle La Mesa Intersections. Their concerns are focused on improving safety for residents and children crossing the streets at these busy intersections, particularly for younger children trying to access the community pool.

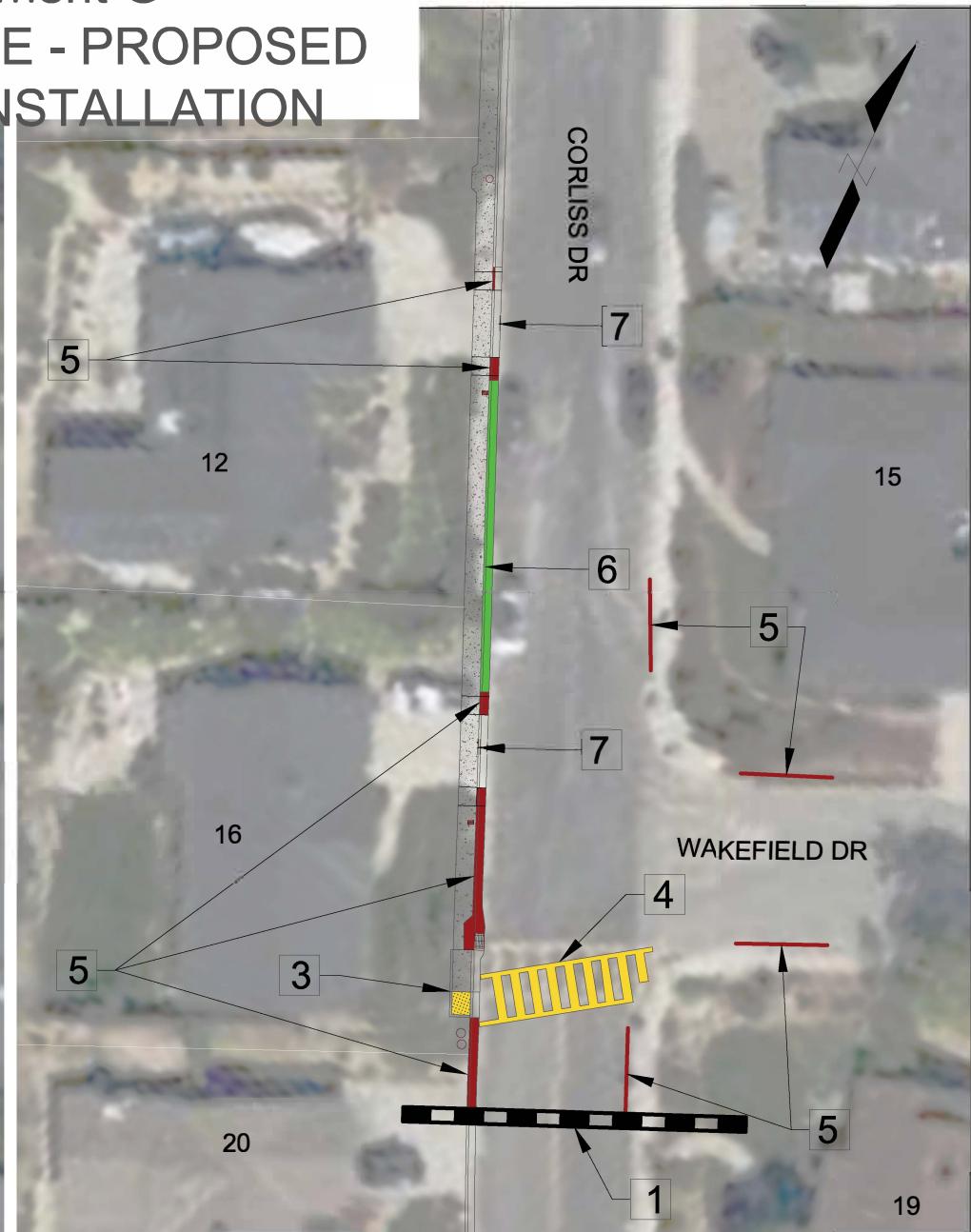
On April 9, 2024, the Town staff was invited for a presentation at the Campolindo HOA Board Meeting about the traffic safety implementation on Campolindo Drive. In the presentation, the Town Engineer provided various samples of red curb markings as well as the idea of curb extension striping with plastic bollards (a separate quick-build project) as the next stage of traffic safety improvement. The Town Engineer also discussed with the Campolindo HOA the new California Assembly Bill (AB) 413, which prohibits drivers from stopping or parking within 20 feet of a crosswalk or 15 feet in places with curb extensions.

Staff is recommending a phase 1 safety improvement approach of new red curb markings and signage installation at Campolindo Drive intersections mentioned above in compliance with AB 413, to be performed by the Town Maintenance crews within 3 to 4 weeks after the Council's concurrence. Town staff has sent letters to the impacted property owners in Campolindo about this red curb proposal and welcomed public opinions. As of April 18, 2024, the Town has not received any objections to recommendations for the red curb markings and signages.

Staff is currently working with Parametric, Inc. (Parametric), the contracted Town Traffic Engineering consultant is tasked with studying Moraga Road Traffic Safety.¹. Town and Parametric staff will present at a future Town Council meeting, provide community feedback on the preliminary study recommendations, and provide our safety improvement recommendations. With the Town Council's concurrence, Town staff will issue change orders approved enhancements for traffic safety striping and signage within the Project limits.

¹ For additional information on the study scope of the Moraga Road Traffic Safety Study, please see the Town staff report dated December 13, 2023, entitled “Fifth Amendment with Harris and Associates to Revise the Cope of Services to Remove the Moraga Road Traffic Safety Study and Approve a Proposed Professional Services Agreement for Traffic Engineering Consultant Services to Parametrix, Inc Berkeley, CA) for the Moraga Road Traffic Safety Study for an Amount not to exceed \$38,190.” on the Town’s Agenda web site.

Attachment G
CORLISS DRIVE - PROPOSED
SIDEWALK INSTALLATION



- 1 LIMITS OF WORK AREA
- 2 EXISTING WALKWAY TO REMAIN IN PLACE
- 3 ADA COMPLIANT CURB RAMP
- 4 REALIGNED CROSSWALK

- 5 NO PARKING ZONE (RED CURB)
- 6 PASSENGER LOADING/UNLOADING ONLY
- 7 DRIVEWAY TO BE CONFORMED TO SIDEWALK

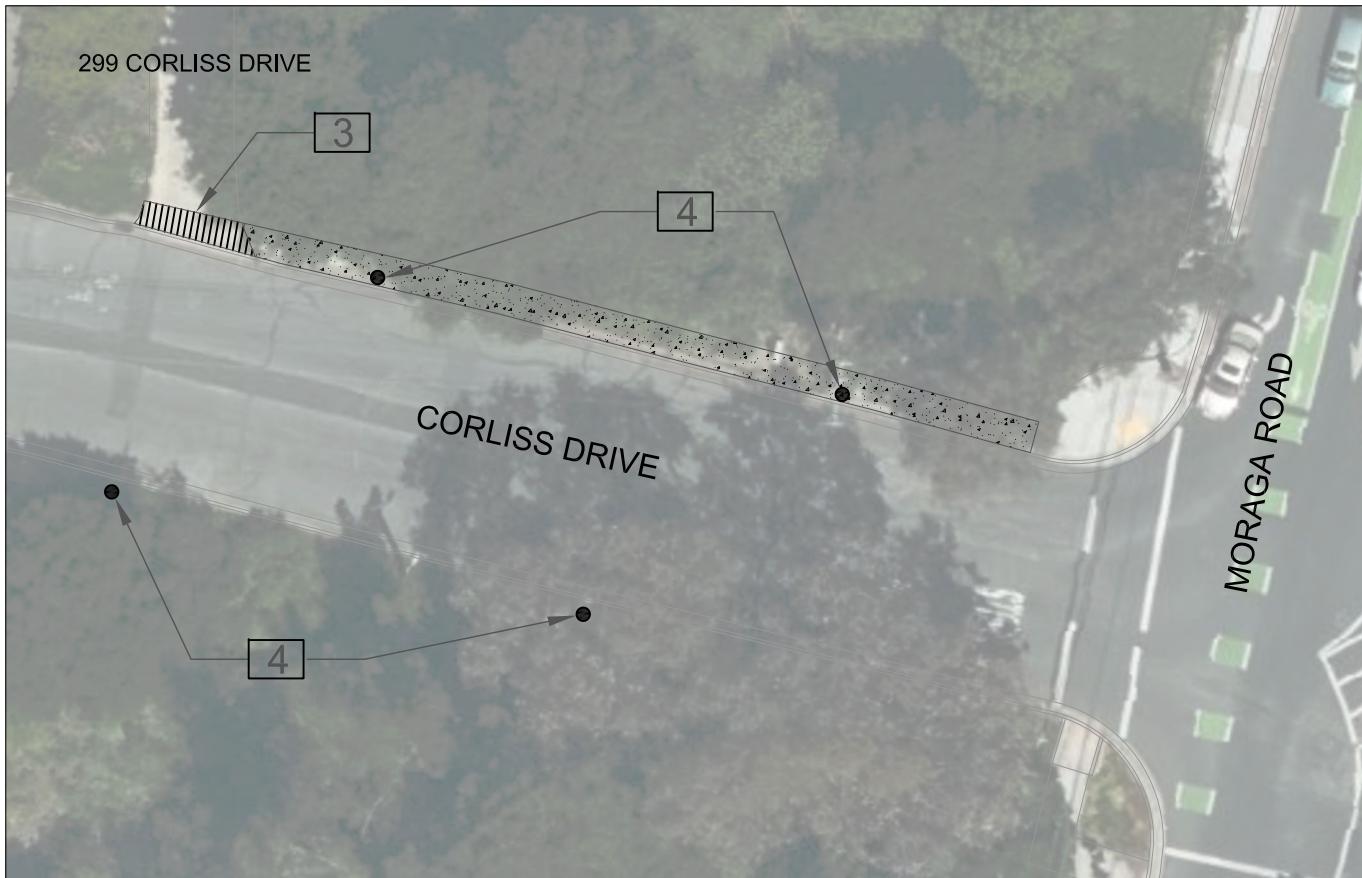
New Sidewalk, Curb Ramps and Traffic Markings on Corliss Drive across from Los Perales Elementary School

The Town Staff has identified that the high-visibility crosswalk across Corliss Drive at Wakefield is without an ADA -accessible curb ramp and sidewalk on one side of the street. The Town is required to make ADA accessible improvements for identified deficiencies when completing certain types of street rehabilitation work.

The Town Engineer proposed that a new curb ramp and a southbound sidewalk be installed at Corliss Drive houses number 12 and 16 and possibly extending up to 4 and 8 of Corliss Drive, contingent on the Town Council concurrence and funding approval. The plan also suggested including the implementation of red curb No Parking markings within 20 feet of crosswalks (in compliance with AB 413) and the establishment of designated pick-up and drop-off zones in green curb markings during school hours. Additionally, the Town Engineer proposed to implement 5-foot red markings on the wings of private driveways to prevent blocking and improve visibility for the property owners. These sidewalk and curb marking improvements are a significant step toward improving or creating safe and accessible routes for pedestrians and students attending Los Perales Elementary School, thereby enhancing our community's safety and convenience.

On April 11, 2024, the Town staff sent a letter of intent to construct the various proposed new curb ramps, sidewalks and new curb markings on the southbound of Corliss Drive to the impacted property owners on Corliss. The letter asks for impacted property owners and residents to provide any feedback on the provided form by the deadline listed as April 17, 2024. By the end of April 17, the Town had received 2 communications opposing from property owner(s) and/or resident(s). Staff is meeting with these property owner(s) to discuss further their concerns prior to the Town Council meeting on April 24, 2024.

Attachment H
**CORLISS DRIVE - PROPOSED
SIDEWALK INSTALLATION**



1. PROPOSED SIDEWALK WILL BE 5 FEET WIDE TO MEET ADA COMPLIANCE.
2. PROPOSED SIDEWALK WILL EXTEND FROM EXISTING CURB RAMP AT MORAGA RD. & CORLISS DR. INTERSECTION TO THE DRIVEWAY OF 299 CORLISS DR.
3. DRIVEWAY OF 299 CORLISS DRIVE WILL BE CONFORMED TO MEET NEW SIDEWALK.
4. PROPOSED "NO PARKING" SIGNS WILL BE POSTED ALONG

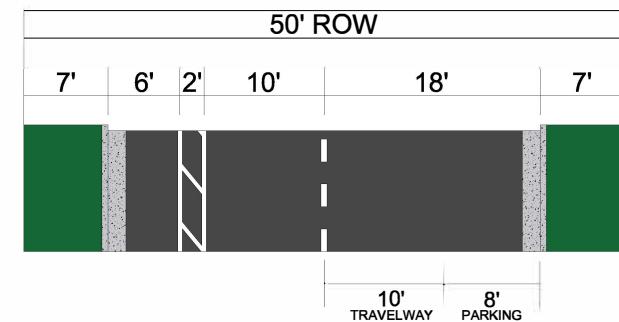
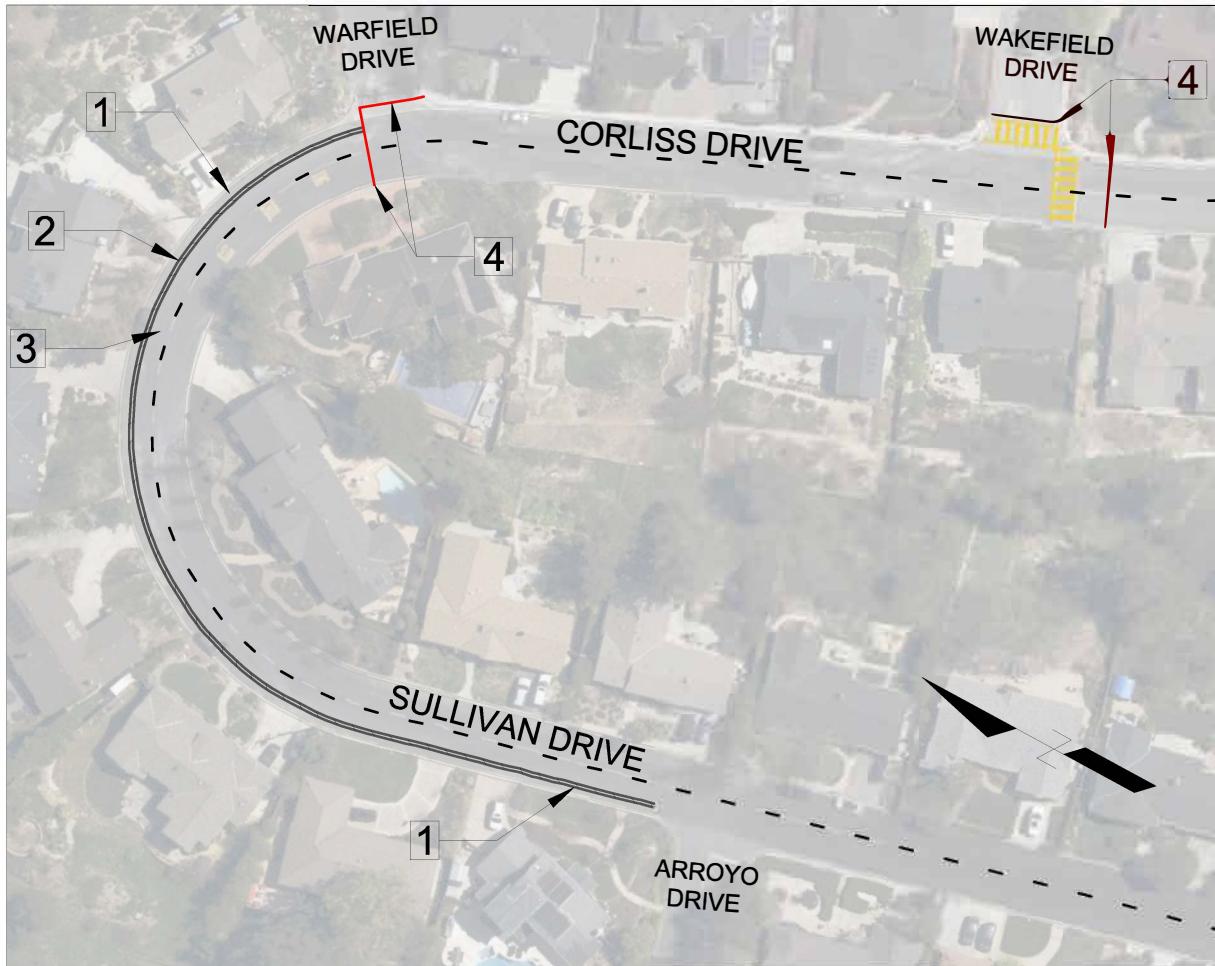
Recommendation of New Sidewalk on Corliss Drive at Moraga Road

Currently, pedestrians share the street pavement on a downhill stretch of Corliss Drive with a curve, which presents reduced sight distances and higher than desired vehicle speeds. Town staff is recommending the posting of No Parking striping and signage along both pavement shoulders of Corliss Drive from Moraga Road to 299 Corliss Drive. The recommendation provides two benefits: 1) it narrows the travel lanes to provide traffic calming, and 2) it prevents heavy vehicles from parking on the pavement shoulders, which contributes to the deterioration of shoulder pavement and underlining creek embankments.

To enhance pedestrian accessibility and address safety concerns on Corliss Drive, staff is recommending the future construction of a new short sidewalk segment on the north portion of Corliss Drive extending from Moraga Road to 299 Corliss Drive. If the Town Council supports a future short-length sidewalk on Corliss Drive to address pedestrian safety concerns, staff will provide more detailed information at a future Town Council meeting. The short sidewalk section would be designed in-house to minimize costs and could be implemented as a project change order, subject to contingency funding available. Below is a picture of Corliss Drive looking toward Moraga Road, the unpaved shoulders would be cleared to make room for a sidewalk.



CORLISS DRIVE - INTERIM SHOULDER STRIPING



1. 6-FOOT SHOULDER WITH PARKING RESTRICTIONS DURING SCHOOL HOURS (8AM-4PM, M-F).
2. 2-FOOT BUFFER AREA BETWEEN SHOULDER AND TRAVEL LANE
3. TRAVEL LANE ON OUTSIDE OF CURVE WILL BE REDUCED TO 10-FEET WIDE, SLOWING DOWN TRAFFIC.
4. LIMITS OF 2023/24 PAVEMENT REHABILITATION PROJECT.

Proposed Interim Corliss Drive Over Curve Shoulder Traffic Striping and Signage

During the January 23, 2024, meeting, the Town Council deliberated on various proposals and findings regarding traffic safety concerns on safe routes to schools. After careful consideration and discussion, several key decisions were made:

- 1) Preferred Solution: Installation of wider sidewalks emerged as the preferred traffic safety solution. A wide sidewalks not only provides a designated space for pedestrians, some separation from the roadway traffic and also contribute to better traffic flow and overall safety, especially for students commuting to school.
- 2) Quick Build Implementation Solutions: Recognizing the immediate need for improved safety measures, the Town Council directed staff to develop interim quick implementation solutions.

While the installation of wide sidewalks is deemed effective, it is also acknowledged as a costly and time-consuming endeavor. Therefore, quick builds are essential to address safety concerns promptly while the larger project is being planned and funded. The Town Engineer is tasked with practical solutions that can be swiftly implemented to enhance safety in the interim period.

In a positive development, the Town Council received encouraging funding news. It was announced that the town has been recommended for \$110,000 in Transportation Development Act (TDA) grant funds. The recommendation will be reviewed by CCEAC on Thursday, April 18th, followed by the Conference of Mayor's on Thursday, May 2nd. The recommendations will reviewed by the County Board of Supervisors for approval to submit to Metropolitan Transportation Commission (MTC) for final approval in August/September 2024, tentatively. This financial support presents an opportunity to allocate resources and seek additional grant funding towards the implementation of traffic safety measures, including the proposed wide sidewalks, and further support the town's efforts in ensuring the well-being of its residents, particularly school-going children.

On February 9, 2024, the public works staff, police department, and traffic consultant convened at Corliss Drive during Los Perales Elementary School's busy pick-up afternoon hours. Town staff observed motorists driving quickly around the Corliss "Curve" near Warfield Drive, facilitated by the road's width allowing for speeding. Additionally, vehicles parked on the curve obstructed visibility, hindering residents pulling out from private driveways and pedestrians crossing or walking along the curve.

In response, the Town Engineer is proposed interim safety improvements, including shoulder striping on Corliss Drive. This would involve thick, white-striped shoulder lines on the outer edge of the curve, alongside posting No Parking signs prohibiting parking during school hours. Implementation of these shoulder striping works is contingent upon funding approval by the town council, as part of the 2023 and 2024 pavement rehabilitation project.

**CITY-COUNTY ENGINEERING ADVISORY COMMITTEE
TDA SUBCOMMITTEE**

DATE: April 11, 2024
TO: City-County Engineering Advisory Committee
FROM: Jerry Fahy, TDA Subcommittee *Jerry*
SUBJECT: TDA, Article 3 Funds - Recommendation

There were sixteen applications submitted for the Transportation Development Act (TDA), Article 3 funds for fiscal year 2024/2025. The funds requested totaled nearly \$2,350,000. The County has anticipated a total revenue estimate of \$1,100,000.

The TDA Subcommittee (Subcommittee) along with two members of the Countywide Bicycle Advisory Committee (CBAC) performed a review of each project via Zoom with each Agency. The review committee supported many of the projects; however, due to the funding shortfall, many of the projects were only partially funded or received no funding. Based on this review, the Subcommittee recommends funding projects as shown below:

1. Village Rd/Cowell Rd Crossing Improvement Project Project Sponsor: City of Concord	Amount Requested: \$296,000 Recommended Funding Level: \$90,000
The review committee is supportive of this project, and is recommending partial funding of the project request.	
2. Safe Routes to School – Crosswalk Improvements Project Project Sponsor: City of Pittsburg	Amount Requested: \$110,000 Recommended Funding Level: \$0
The review committee is supportive of this project; however, the committee felt the application was incomplete as it had not been reviewed by a bicycle committee. The committee is not recommending funding of the project request at this time.	
3. Pacheco/Arreba Pedestrian Improvements Project Sponsor: City of Martinez	Amount Requested: \$115,000 Recommended Funding Level: \$100,000
The review committee is supportive of the project, and is recommending partial funding of the project request.	
4. Glorieta Boulevard Pathway – Phase 2 Project Sponsor: City of Orinda	Amount Requested: \$200,000 Recommended Funding Level: \$90,000
The review committee is supportive of the project, and is recommending partial funding of the project request.	

5. Safe Routes to School Program Improvements Project Sponsor: City of Antioch	Amount Requested: \$100,000 Recommended Funding Level: \$50,000
The review committee is supportive of this project, and is recommending partial funding of the project request.	
6. Bicycle and Pedestrian Safety Education Project Sponsor: Contra Costa Health Services	Amount Requested: \$50,000 Recommended Funding Level: \$50,000
The review committee is supportive of the efforts of this program, and is recommending full funding of this request.	
7. Rapid Repeating Flashing Beacon Crosswalk Improvements Project Sponsor: Town of Danville	Amount Requested: \$110,000 Recommended Funding Level: \$75,000
The review committee is supportive of the project, and is recommending partial funding of the project request.	
8. Mt. Diablo Boulevard Crossing Improvements at Hampton Road Project Sponsor: City of Lafayette	Amount Requested: \$150,000 Recommended Funding Level: \$50,000
The review committee is supportive of the project, and is recommending partial funding of the project request.	
9. Corliss Drive Safe Routes to School Project Sponsor: Town of Moraga	Amount Requested: \$125,000 Recommended Funding Level: \$110,000
The review committee is supportive of the project, and is recommending partial funding of the project request.	
10. Brentwood Pedestrian and Bicycle Improvements Project Sponsor: City of Brentwood	Amount Requested: \$169,000 Recommended Funding Level: \$100,000
The review committee is supportive of the project, and is recommending partial funding of the project request. The committee felt that this application contained two separate projects rather than just one project. The City can determine which project to prioritize.	

11. Sycamore Avenue Bicycle and Pedestrian East-West City Connector Project Sponsor: City of Hercules	Amount Requested: \$150,000 Recommended Funding Level: \$135,000
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The review committee is supportive of the project, and is recommending partial funding of the project request.

12. San Miguel Drive Pedestrian Path Project Sponsor: City of Walnut Creek	Amount Requested: \$300,000 Recommended Funding Level: \$0
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The review committee is supportive of this project; however, the committee felt the City had not performed any public outreach for the City portion of this project. The committee is not recommending funding of the project request at this time.

13. Miranda Avenue Safe Routes to School Project Sponsor: Contra Costa County	Amount Requested: \$120,000 Recommended Funding Level: \$75,000
--	--

The review committee is supportive of this project, and is recommending partial funding of the project request.

14. Timber Point Crosswalk Project Sponsor: Contra Costa County	Amount Requested: \$120,000 Recommended Funding Level: \$50,000
--	--

The review committee is supportive of this project, and is recommending partial funding of the project request.

15. Olinda Road Crosswalk Improvements Project Sponsor: Contra Costa County	Amount Requested: \$120,000 Recommended Funding Level: \$75,000
--	--

The review committee is supportive of this project, and is recommending partial funding of the project request.

16. Mitchell Canyon Road Pedestrian Path Project Sponsor: City of Clayton	Amount Requested: \$65,000 Recommended Funding Level: \$50,000
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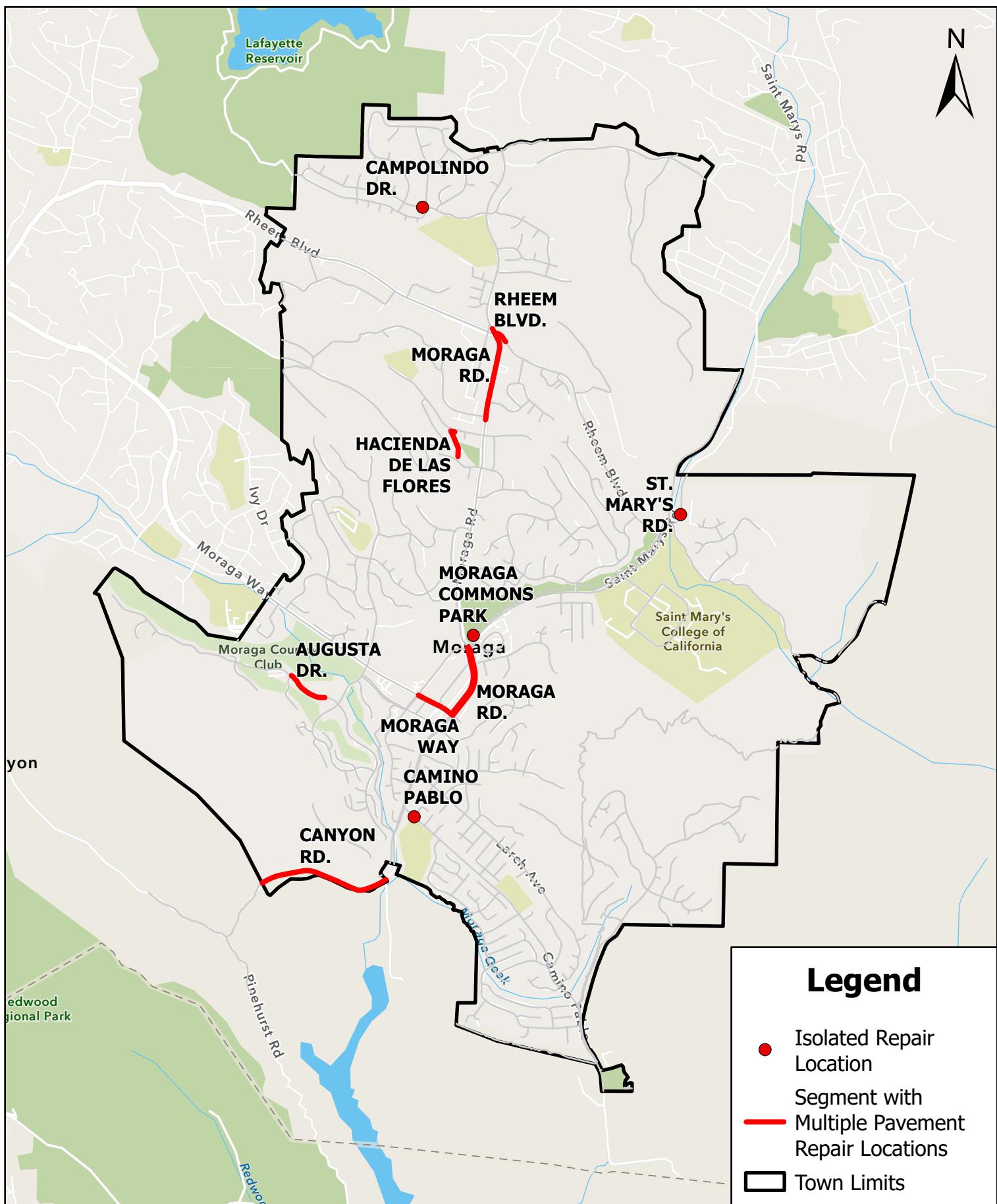
The review committee is supportive of this project, and is recommending partial funding of the project request.

ATTACHMENT C

Street Repair Location Maps

ANNUAL STREET REPAIRS PROJECT - CIP 23-405

OVERVIEW MAP



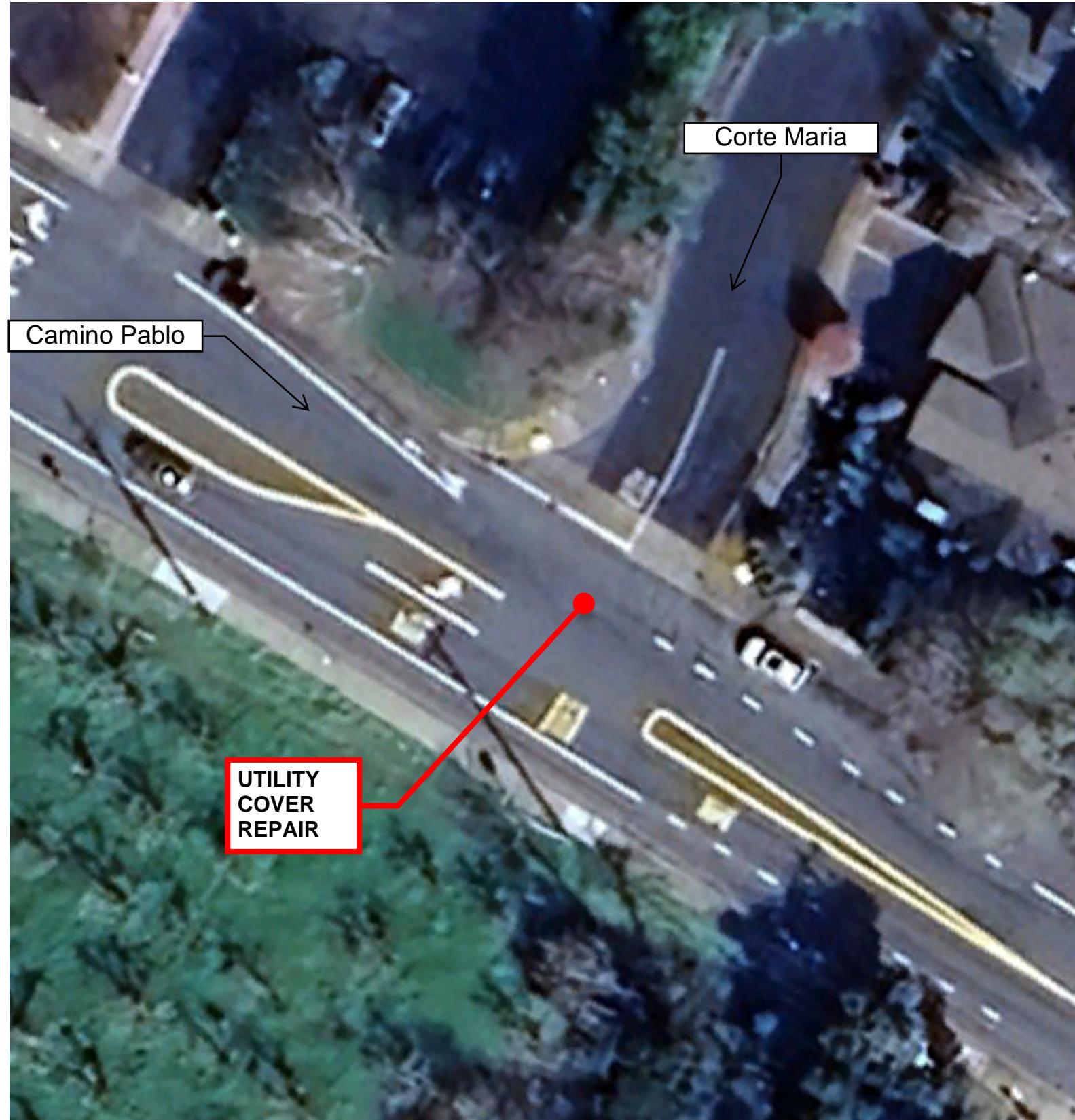


MORAGA CIVIL ON-CALL PAVEMENT REHABILITATION

AUGUSTA DRIVE EXHIBIT



MORAGA CIVIL ON-CALL PAVEMENT REHABILITATION CAMINO PABLO EXHIBIT



N


ANNUAL STREET REPAIRS PROJECT - CIP 23-405

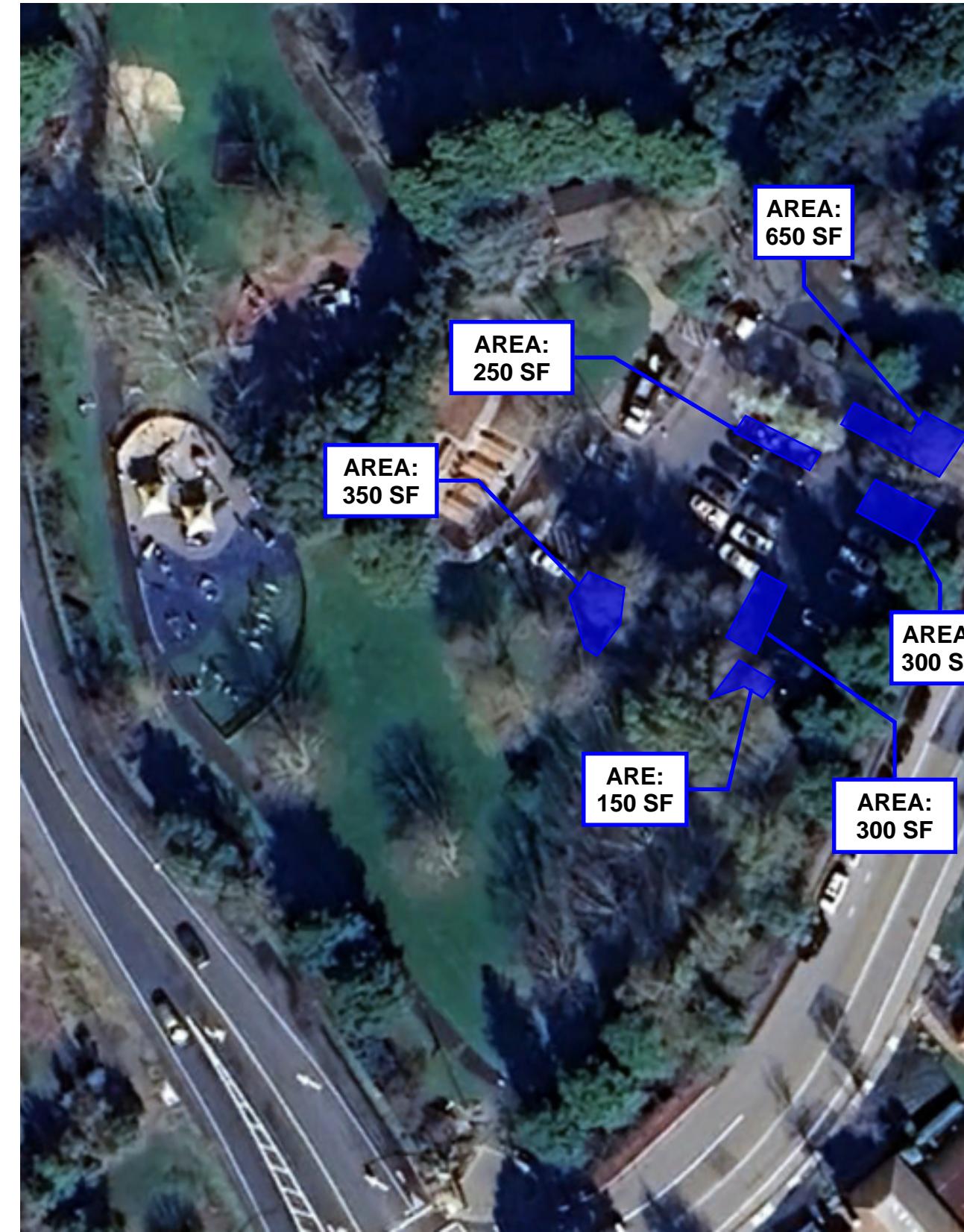
CAMPOLINDO DRIVE EXHIBIT





MORAGA CIVIL ON-CALL PAVEMENT REHABILITATION

MORAGA COMMONS PARK EXHIBIT



LEGEND

FULL DEPTH DIG-OUT
4" AC / 4" AB (2,000 SF)

N

MORAGA CIVIL ON-CALL PAVEMENT REHABILITATION

HACIENDA DE LAS FLORES PARK EXHIBIT

**LEGEND**

FULL DEPTH DIG-OUT
4" AC / 4" AB
(2,400 SF)



MORAGA CIVIL ON-CALL PAVEMENT REHABILITATION

HACIENDA DE LAS FLORES PARK EXHIBIT



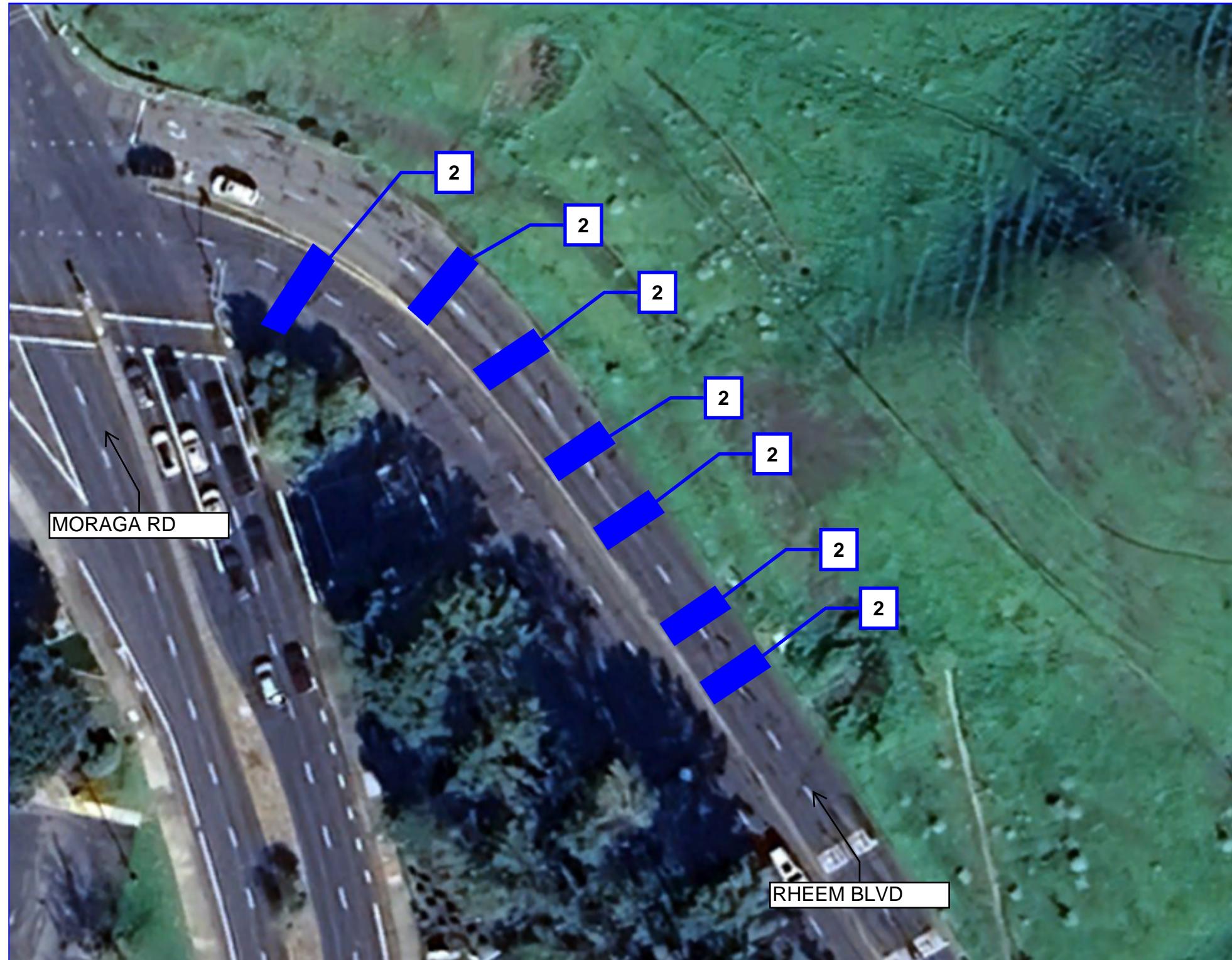
N

07-08-2024



MORAGA CIVIL ON-CALL PAVEMENT REHABILITATION

RHEEM BLVD POTHOLE REPAIR EXHIBIT



LEGEND

POTHOLE REPAIR
14 LOCATIONS
(EA) 3'X3'





MORAGA CIVIL ON-CALL PAVEMENT REHABILITATION

MORAGA RD EXHIBIT



LEGEND

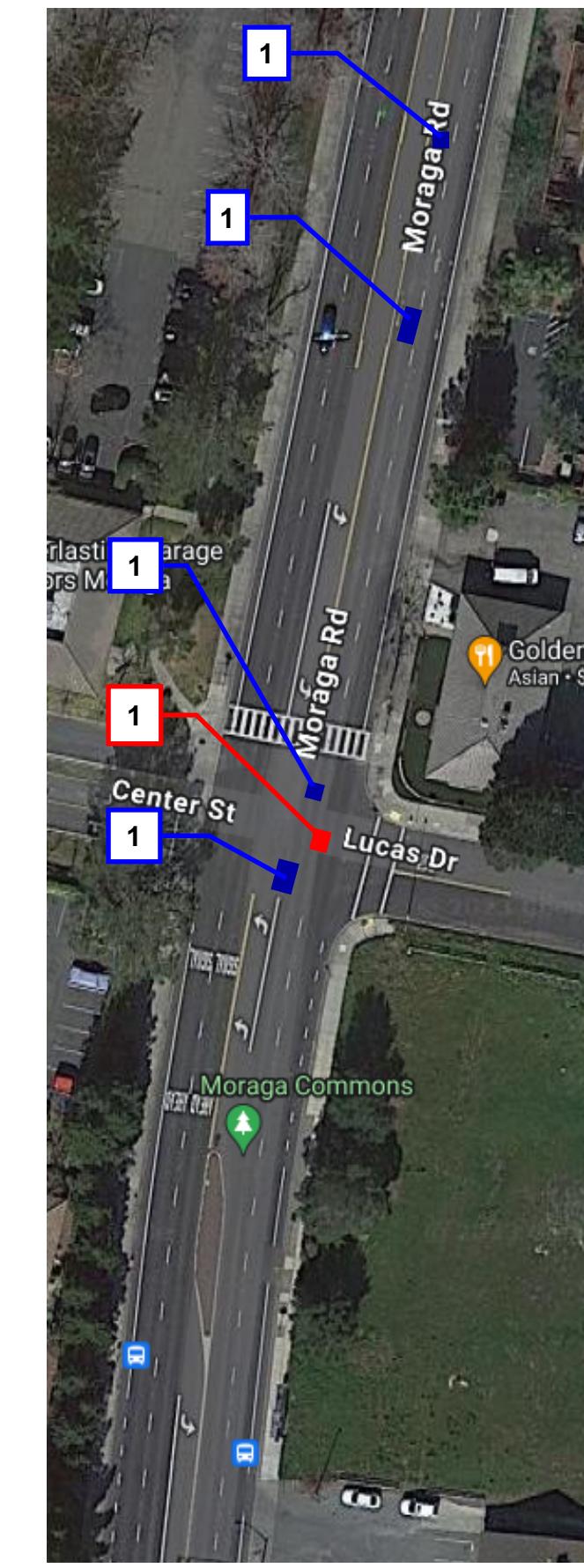
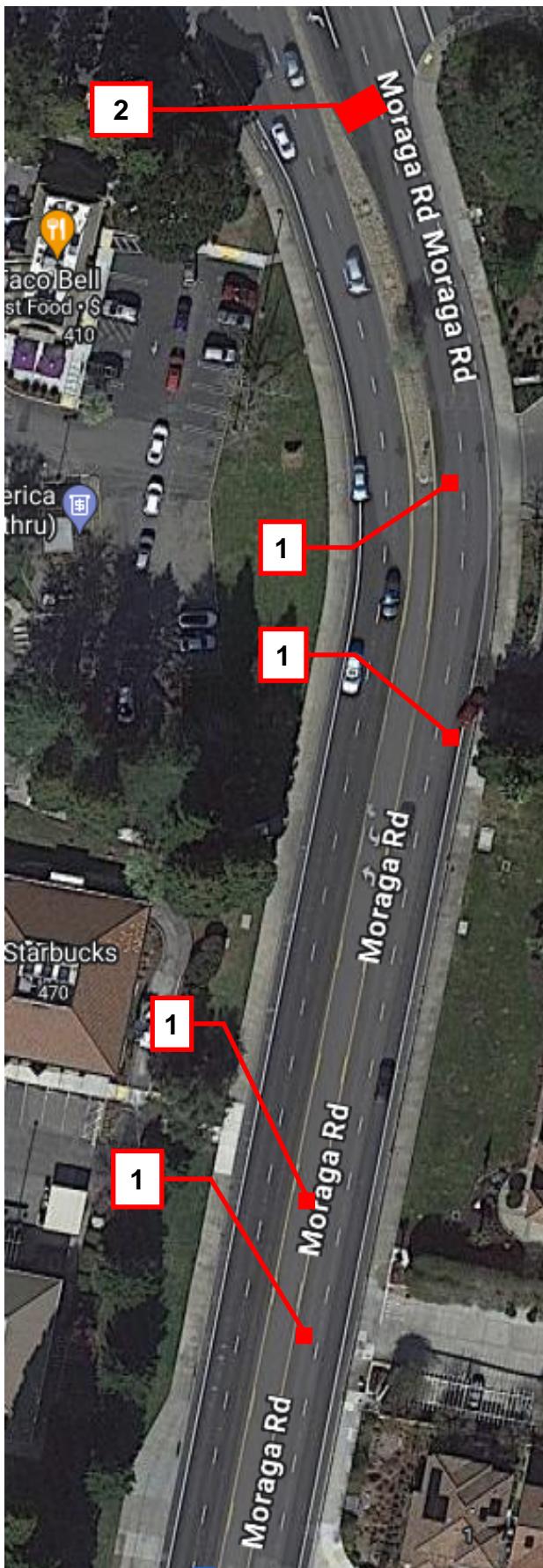
- POTHOLE REPAIR (EA) 3'x3' TYP.
- UTILITY COVER REPAIR (EA)





MORAGA CIVIL ON-CALL PAVEMENT REHABILITATION

MORAGA RD EXHIBIT



LEGEND

- POTHOLE REPAIR (EA) 3'x3' TYP.
- UTILITY COVER REPAIR (EA)

N



MORAGA CIVIL ON-CALL PAVEMENT REHABILITATION

MORAGA RD EXHIBIT



LEGEND

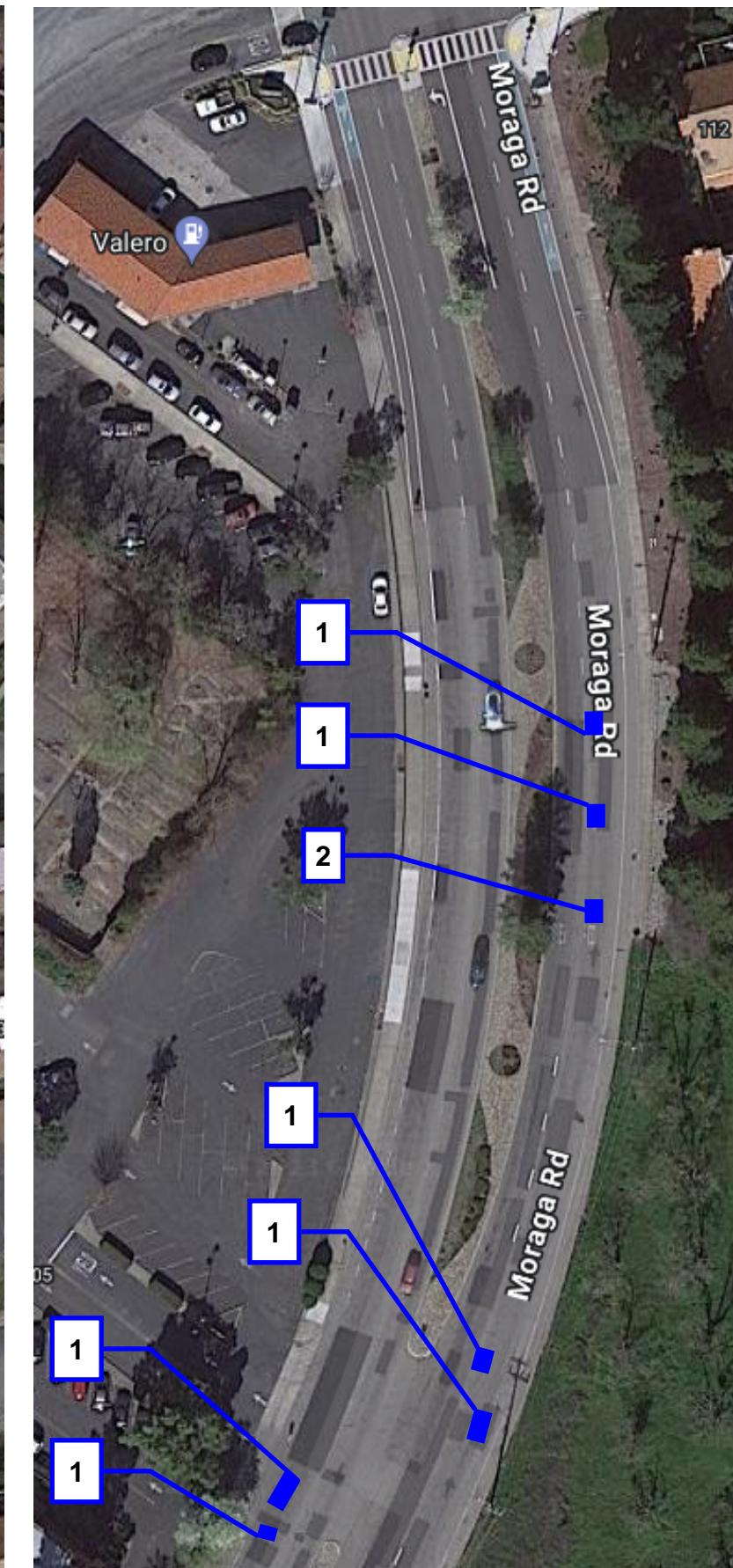
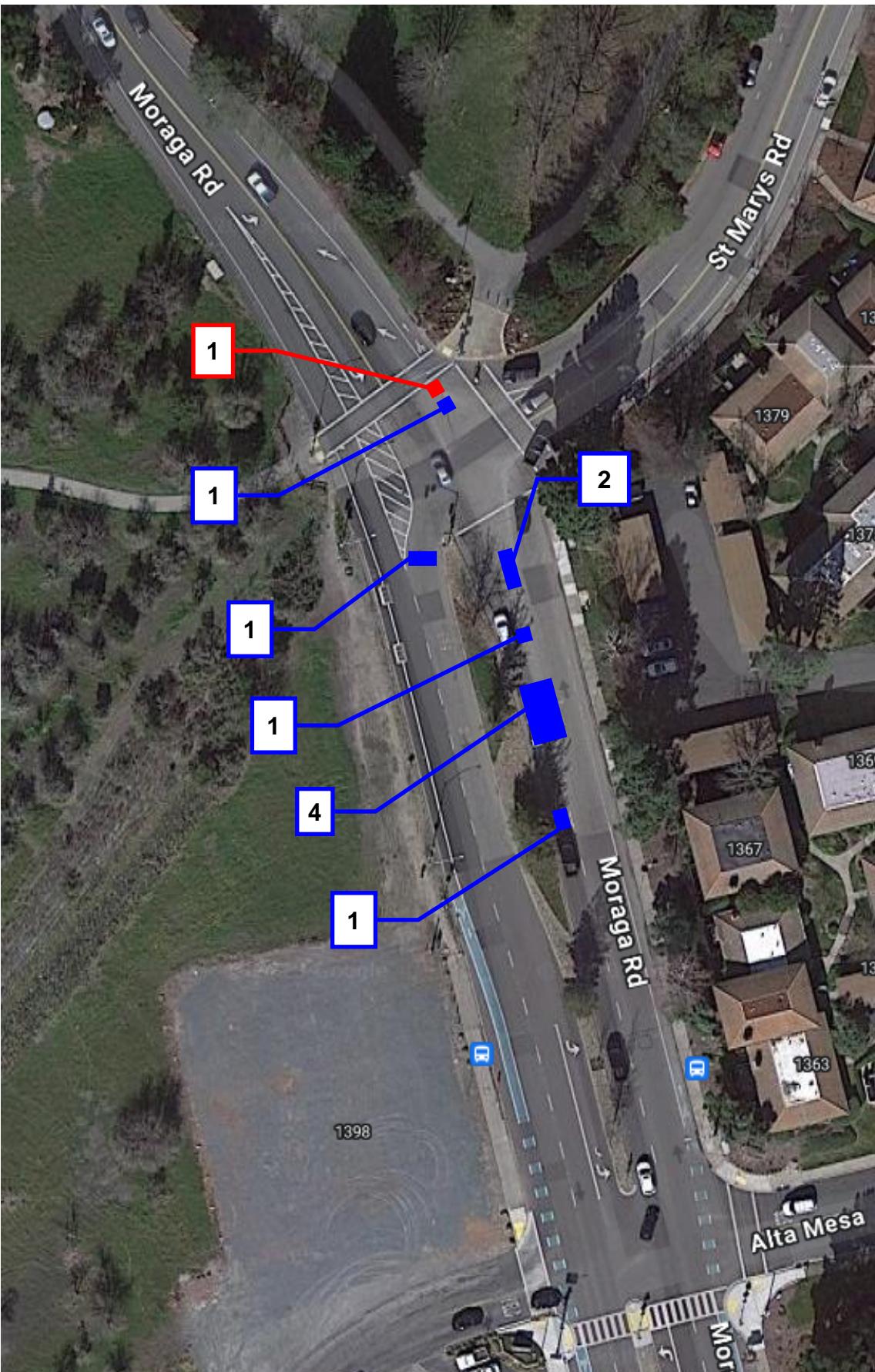
- POTHOLE REPAIR (EA)
3'x3' TYP.
- UTILITY COVER REPAIR
(EA)





MORAGA CIVIL ON-CALL PAVEMENT REHABILITATION

MORAGA RD EXHIBIT



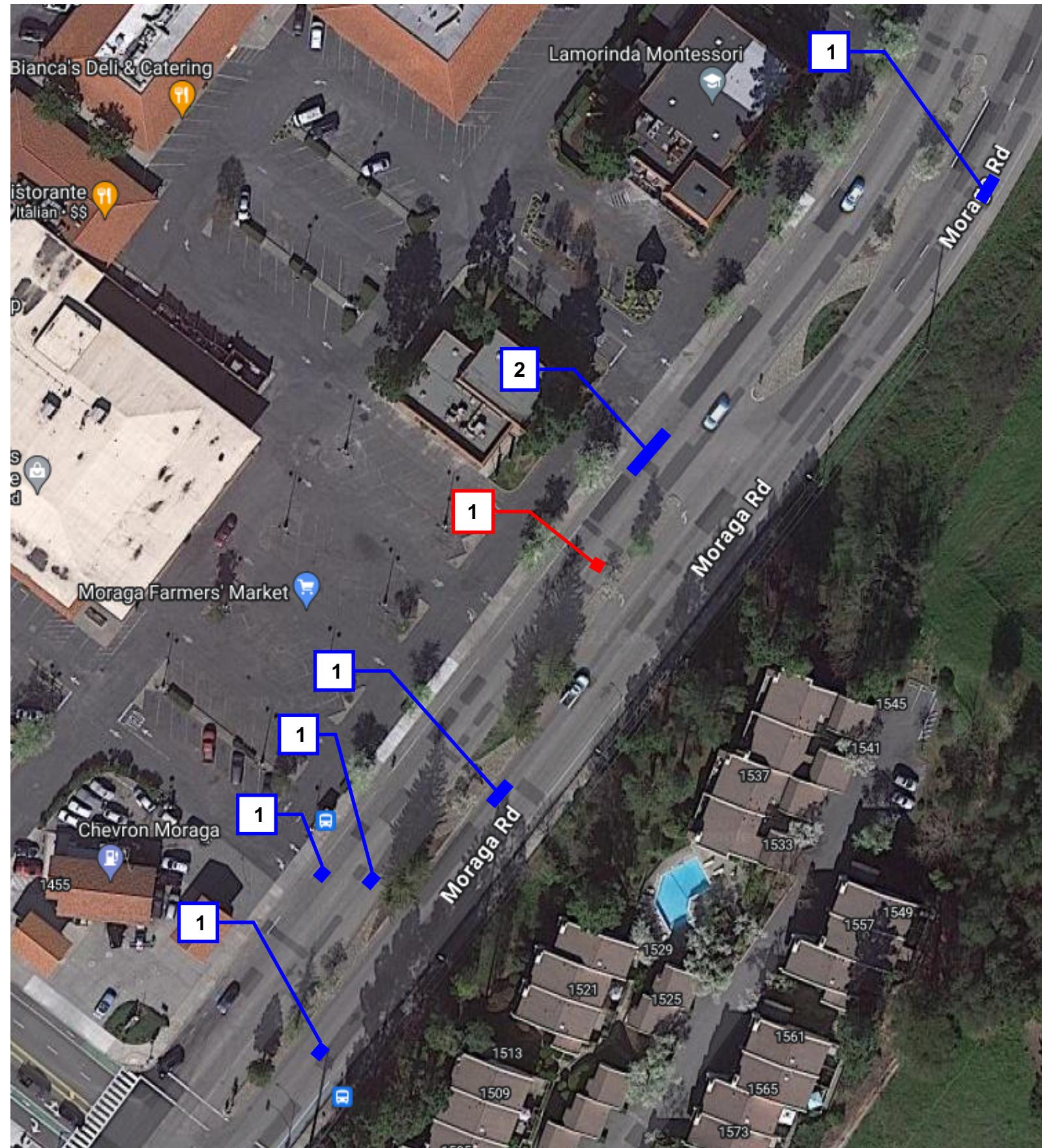
LEGEND

- POTHOLE REPAIR (EA)
3'x3' TYP.
- UTILITY COVER
REPAIR (EA)

N

MORAGA CIVIL ON-CALL PAVEMENT REHABILITATION

MORAGA RD EXHIBIT



LEGEND

**POTHOLE REPAIR
(EA) 3'x3' TYP.**

**UTILITY COVER
REPAIR (EA)**



ANNUAL STREET REPAIRS PROJECT - CIP 23-405

MORAGA WAY EXHIBIT





MORAGA CIVIL ON-CALL PAVEMENT REHABILITATION

ST MARY ROAD CRACK SEAL AREA OF WORK EXHIBIT



ANNUAL STREET REPAIRS PROJECT - CIP 23-405

CANYON ROAD EXHIBIT



Legend

 Roadway Repair Extent

Treatment: Full Depth Base Repair
(assumed 4" AC/4" AB)

Estimated 250 SF needing treatment.

NOTE: Exact repair locations on
Canyon Road to be determined.



ATTACHMENT D

Bay Cities Paving and Grading, Inc.'s \$379,978 Project
Construction Change Order request to complete 2023 & 2024
Annual Street Repair Project (CIP 23-405)

CHANGE REQUEST # 1011R1 - TOWN OF MORAGA - ANNUAL STREET REPAIRS BAY CITIES PAVING AND GRADING, INC

1450 CIVIC CT. BLDG B #400

CONCORD, CA 94520

BCPG Contact: TOM WARNER

Phone: 925-687-6666

Fax: 925-687-2122

<u>Quote To:</u>	NATE LEVINE	<u>Job Name:</u>	MORAGA PAVEMENT REPAIRS
<u>Company:</u>	TOWN OF MORAGA	<u>BCPG Job#:</u>	4219
		<u>Plans:</u>	ANNUAL STREET REPAIRS
		<u>Addedums:</u>	
		<u>Revised:</u>	REVISION 1 - 9/27/24

CA CONTRACTORS LIC # 238650 DIR# 1000005981

ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	MOBILIZATION	1.00	LS	29,155.50	29,155.50
2	TRAFFIC CONTROL	1.00	LS	42,531.54	42,531.54
3	CMS BOARDS	2.00	EA	3,342.45	6,684.90
4	SWPPP MAINTENANCE AND INSPECTION	1.00	LS	16,415.58	16,415.58
5	TREE TRIMMING	1.00	LS	7,558.68	7,558.68
6	POTHOLING AT PARK, HACIENDA	1.00	LS	7,155.54	7,155.54
8	DETECTOR LOOP ALLOWANCE	1.00	LS	1	24,700.00
9	MISC. PAVEMENT WORK	1.00	LS	1	52,468.80
10	REMOVE & REPLACE 4" HMA DEPTH	1,275.00	SF	42.81	54,582.75
11	REMOVE & REPLACE 8" DEPTH (4" AC/4"AB)	5,475.00	SF	22.60	123,735.00
12	UTILITY COVER REPAIR	11.00	EA	1,362.69	14,989.59
GRAND TOTAL					\$379,977.88

NOTES:

This proposal is for the Town of Moraga's Annual Pavement Repairs as shown in Exhibit 1, provided by the Town of Moraga via email on 8/29/24. Additional clarification was provided by the Town via email on 9/10/24. The Town provided direction via email on 9/26/24 to eliminate the crack sealing scope of work.

QUALIFICATIONS:

- All work to be performed in accordance with project specifications for current Town of Moraga pavement repair project and/or as clarified by Town via email.
- Scope to be performed Monday-Friday, as dictated by BCPG's crew availability and by weather. There is no guarantee this work can be completed by the end of the 2024 calendar year.
- Quantities shown above are based off BCPG takeoff and/or quantities provided by the Town. Final payment to be made based on actual quantities performed and measured in the field using the unit prices shown herein. Due to the nature of the work, significant changes to quantities or the locations of the work may impact unit prices and may be subject to repricing.
- Traffic control/working hours per email clarification provided by the Town.
- Survey work is excluded. Town to layout limits of work with Contractor.
- Town responsible for quality control testing.
- Hacienda and Commons parking lots to be closed for duration of work at each location; no more than 4 consecutive days and not closed over the weekend.
- No stripe removal/replacement included. Striping work to be performed at an additional cost, if necessary.
- HMA to be placed in one lift or at Contractor's discretion.

- No over-ex or placement of geosynthetics. Additional costs would apply if unsuitable material is encountered; immediate extra work direction would need to be provided.
- Bid item 3: Assumes two boards only. Additional boards to be paid at unit price shown.
- Bid item 5: Excludes tree removal or root pruning/care. Assumes dig outs are to be done with grinder and any roots in conflict will be removed in conjunction with this activity. Includes arborist review of trees/roots after grinding to provide recommendation on trees.
- Bid item 11: Pricing for raise utilities only. Assumes City or utility agency to provide new frame/covers if Contractor cannot reuse existing. Price valid for standard valves, cleanouts, or manholes; excludes electrical facilities or vaults.

ATTACHMENT E

2023 & 2024 Annual Street Repair Project (CIP 23-405)
Funding Sheet

Annual Street Repairs

Project No: 23-405

Category: Transportation

Project Location: Town Wide

Responsible Department: Public Works



Account Number & Status: Account No: 700-724-XXX-23

Project Objective: Annually review Pavement Management System analysis, assess current needs, and allocate appropriate funds to provide cost-effective pavement maintenance. This project addresses 2023 Town Goal #2,3,7.

Project Description: Pavement Repairs Project is to address existing failures, defects, or deficiencies in pavements, curb & gutter, sidewalks, ADA improvements, and traffic striping & markings. This will help extend the life of the pavement until the appropriate treatment is applied to the street and provide some necessary safety repairs. This project will consolidate the pavement repair operational budget, striping and markings operational budget, ADA compliance program, and the annual street repairs project from prior budgets.

Basis for Schedule: The streets will be accessed annually to identify areas where there are pavement failures. In coordination with the annual pavement projects, staff will determine which streets will receive pavement failure repair.

Basis for Cost: The budgeted costs are based on consultant contracts and engineering cost estimates for construction. Previously funded at \$230K per year, costs has been escalated for inflation and additional items of work included.

Project Balance Note: Previously funded at \$230K per year. Maintenance-Operation contracts previously performed a portion of this work, and these monies and workload are being transferred to the CIP project.

EXPENDITURES	(Thousands of Dollars)								
	Prior FY Actuals	FY 22/23 Expenses	FY 23/24 Carryover	2023-24	2024-25	2025-26	2026-27	2027-28	PROJECT TOTAL
071 - Administration				23	27	27	27	27	131
072 - Construction				125	176	176	176	176	829
073 - Const Mgmt/Inspection				22	26	26	26	26	126
074 - Contingency				15	18	18	18	18	87
075 - Design				22	26	26	26	26	126
083 - Maintenance				48	57	57	57	57	276
EXPENDITURE TOTALS				255	330	330	330	330	1,575
FUNDING SOURCES									
205-Gas Tax				255	110				365
212-Garbage Vehicle Impact Fees									0
213-Measure K					220	330	330	330	1,210
FUNDING TOTALS				255	330	330	330	330	1,575