

City of Brisbane

Agenda Report

TO: Honorable Mayor and City Council

FROM: Karen Kinser, Deputy Director of Public Works

VIA: Randy Breault, Director of Public Works/City Engineer via Clayton Holstine, City Manager

SUBJECT: C/CAG Safe Routes to School and Green Infrastructure Pilot Program

DATE: February 1, 2018

City Council Goals:

To maintain and improve infrastructure. (#3)

To promote intergovernmental opportunities that enhances services and/or reduces cost of operations and services to city residents. (#10)

Purpose:

To obtain Council's approval of a funding agreement with the City/County Association of Governments of San Mateo (C/CAG) for the Safe Routes to School (SRTS) and Green Infrastructure (GI) Pilot Program; the recommended action is consistent with the community's value of being environmentally progressive.

Recommendation:

Approve the attached funding agreement and authorize the Mayor to sign the same on behalf of the city.

Background:

Last fall, C/CAG submitted a call for projects for the subject pilot program, a new effort intended to provide funds for member agencies to construct demonstration projects that integrate SRTS improvements with GI for stormwater management to show cost effective means of making it safer for children to walk and bike to school, while simultaneously improving water quality and enhancing communities throughout San Mateo County.

The City Council had recently adopted a Safe Pedestrian Routes to Schools Plan and funded the required infrastructure improvements in the current budget. The Plan was

crafted with input from the community, and particularly from the Complete Streets Safety citizen-advisory Committee and Public Works staff. The Plan called for a number of infrastructure improvements in central Brisbane, such as clearing obstacles in sidewalks and improving pedestrian crossings. These efforts aligned well with the goals of the pilot program grant.

Three desirable locations along the Safe Pedestrian Routes were identified for green infrastructure improvements; San Bruno Avenue at Santa Clara Street, Visitacion Avenue at Alvarado Street, and Visitacion at Mariposa Street. GI improvements at these locations, sized to minimize parking impacts, will require elimination of approximately five spaces. The integration of GI improvements with the Safe Routes to Schools Plan created a viable application for the grant funding opportunity.

Staff applied for and was notified in late December 2017 that we are recommended to receive \$245,263 in grant funding with a required \$43,282 local match.

Discussion:

If the recommended action is not taken, then the City will not be eligible for C/CAG Safe Routes to School and Green Infrastructure Pilot Program awarded funds.

Fiscal Impact:

The project construction is estimated to cost \$288,545, including contingency. Funds set aside in Fund 100-6005, the Street Maintenance Fund, for the Safe Pedestrian Route improvements can fund the required \$43,282 match.

Measure of Success

Construction of Safe Pedestrian Routes to Schools and Green Infrastructure improvements that improve walkability and provide natural stormwater filtration.

Attachments:

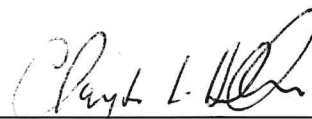
Funding Agreement between City/County Association of Governments and the City of Brisbane



Deputy Director of Public Works



Director of Public Works/City Engineer



City Manager

C/CAG

CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY

Atherton • Belmont • Brisbane • Burlingame • Colma • Daly City • East Palo Alto • Foster City • Half Moon Bay • Hillsborough • Menlo Park • Millbrae • Pacifica • Portola Valley • Redwood City • San Bruno • San Carlos • San Mateo • San Mateo County • South San Francisco • Woodside

December 19, 2017

City of Brisbane
50 Park Place
Brisbane, CA 94005

RE: Safe Routes to School and Green Streets Infrastructure Pilot Program Contract

Dear Karen,

Enclosed are two original copies of the funding agreement between City/County Association of Governments and the City of Brisbane. Please sign one copy and return it to me and keep the other agreement for your records.

We look forward to working with Brisbane staff on this project.

If you have any questions, please contact me at 650-599-1433 or rbogert@smcgov.org

Sincerely,

Reid Bogert
Project Manager



**FUNDING AGREEMENT BETWEEN
CITY/COUNTY ASSOCIATION OF GOVERNMENTS
AND THE CITY OF BRISBANE**

This Agreement entered this ___ Day of ___, 201__ by and between the CITY/COUNTY ASSOCIATION OF GOVERNMENTS OF SAN MATEO COUNTY, a joint powers agency whose members include the County of San Mateo and the twenty incorporated cities and towns within San Mateo County, hereinafter called "C/CAG," and the City of Brisbane, hereinafter called "CITY".

W I T N E S S E T H

WHEREAS, C/CAG approved Resolution 17-31 authorizing the Safe Routes to School and Green Streets Infrastructure Pilot Program, including a Call for Projects for awarding competitive grant funding to member agencies; and

WHEREAS, the purpose of the grant program is for C/CAG member agencies to construct demonstration projects that integrate Safe Routes to School improvements with green infrastructure for stormwater management to show cost effective means of making it safer for children to walk and bike to school while simultaneously improving water quality and enhancing communities throughout San Mateo County; and

WHEREAS, the CITY submitted a grant proposal that was approved for funding by the C/CAG Board via Resolution 17-31; and

WHEREAS, the C/CAG Board authorized its Chairperson to execute funding agreements with member agencies under the grant program;

NOW, THEREFORE, IT IS HEREBY AGREED by the parties as follows:

1. **Project to be constructed by CITY.** In consideration of the payments hereinafter set forth, the CITY shall build the proposed project Safe Routes to School/Green Streets Infrastructure Pilot Project approved for grant funding (hereinafter called the "PROJECT") in accordance with the terms, conditions, and specifications set forth herein and in Exhibit A attached hereto and by this reference made a part hereof. C/CAG assumes no ownership, operations, or maintenance obligations in exchange for providing the specified grant payments.
2. **Payments.** In consideration of the CITY building the PROJECT in accordance with all terms, conditions and specifications set forth herein and in Exhibit A, C/CAG shall make payments to CITY for work completed as described in Exhibit A, in a total amount not to exceed \$245,263. Payments are for PROJECT construction costs only; planning, design, permitting, and staff costs are not eligible for reimbursement and do not count toward the local match requirement. Reimbursement requests, including any progress payment requests, shall recognize the required 15% local match component to ensure that C/CAG does not pay more than 85% of the total project construction costs, up to the grant award amount (i.e., after deducting 15% from the total PROJECT construction costs for local match, C/CAG will reimburse CITY for the remaining costs, up to the grant award amount). Reimbursement requests shall include the final PROJECT costs, either as a contractor bid document including any change orders, or an alternate version that details the total project costs. This is to ensure appropriate calculation of local match vs. grant funding, but also to enable C/CAG staff to better evaluate the overall cost effectiveness of integrating Safe Routes to

School improvements with green infrastructure for stormwater management.

3. **Contract Term.** This Agreement shall be in effect as of December 14, 2017 and shall terminate on June 30, 2020; provided, however, the C/CAG Chairperson may terminate this Agreement at any time for any reason by providing 30 days' written notice to CITY. Termination to be effective on the date specified in the notice. In the event of termination under this paragraph, CITY may request reimbursement for construction costs incurred prior to termination (less 15% local match); however, C/CAG reserves the right to reduce or withhold payment under this paragraph for projects that do not meet the overall intent of the grant program or that do not demonstrate balanced integration of Safe Routes to School and stormwater features.
4. **Submittal of Final Project Design.** To ensure the PROJECT is substantially consistent with the proposed project selected to receive funding via the Call for Projects, the CITY shall submit to C/CAG for concurrence its final PROJECT design prior to initiating a process to either secure a contractor to build the project or before CITY staff or others would begin building the project. C/CAG recognizes there may be revisions between the grant proposal and final project design, but the overall intent is to ensure a comparable project is built consistent with what was submitted under the Call for Projects and for which the CITY was competitively selected to receive grant funding. CITY shall not proceed with building the PROJECT until it receives written concurrence from C/CAG staff that the PROJECT is substantially consistent with the project submitted with the original grant proposal.
5. **Duty to Operate and Maintain.** To ensure the PROJECT continues to function effectively in regard to managing stormwater, supporting Safe Routes to School, and enhancing communities, CITY is required to operate and maintain the PROJECT for the useful life of the facilities. This includes ensuring the green infrastructure portions of the project are regularly kept free of trash, sediment, and debris, vegetation is maintained in a healthy and weed-free condition, and pedestrian and bike infrastructure is kept in safe and functional condition, including curb ramps, any pedestrian actuated signals, signage, or other safety features. Failure to comply with these requirements may impact CITY's ability to receive future grant funding from C/CAG for this PROJECT or other projects.
6. **Relationship of the Parties.** It is understood that this is an Agreement by and between Independent Contractors and is not intended to, and shall not be construed to, create the relationship of agent, servant, employee, partnership, joint venture or association, or any other relationship whatsoever other than that of Independent Contractor.
7. **Non-Assignability.** CITY shall not assign this Agreement or any portion thereof to a third party without the prior written consent of C/CAG, and any attempted assignment without such prior written consent in violation of this Section automatically shall terminate this Agreement.
8. **Hold Harmless/ Indemnity.** CITY shall indemnify and save harmless C/CAG, its agents, officers, and employees from all claims, suits or actions resulting from willful misconduct or negligence of CITY or its agents, officers, or employees relating to this Agreement. The duty to indemnify and save harmless as set forth herein, shall include the duty to defend as set forth in Section 2778 of the California Civil Code.
9. **Insurance.** CITY or its subcontractors performing the services on behalf of CITY shall not commence work under this Agreement until all insurance required under this section has been obtained. CITY shall furnish C/CAG with Certificates of Insurance evidencing the required

coverage and there shall be a specific contractual liability endorsement extending the CITY's coverage to include the contractual liability assumed by CITY pursuant to this Agreement. These Certificates shall specify or be endorsed to provide that thirty (30) days' notice must be given, in writing, to C/CAG of any pending change in the limits of liability or of non-renewal, cancellation, or modification of the policy.

Workers' Compensation and Employer Liability Insurance: the CITY shall have in effect, during the entire life of this Agreement, Workers' Compensation and Employer Liability Insurance providing full statutory coverage.

Liability Insurance: CITY shall take out and maintain during the life of this Agreement such Bodily Injury Liability and Property Damage Liability Insurance as shall protect CITY, its employees, officers and agents while performing work covered by this Agreement from any and all claims for damages for bodily injury, including accidental death, as well as any and all operations under this Agreement, whether such operations be by CITY or by any sub-contractor or by anyone directly or indirectly employed by either of them. Such insurance shall be combined single limit bodily injury and property damage for each occurrence and shall be not less than \$1,000,000 unless another amount is specified below and shows approval by C/CAG Staff.

Required insurance shall include:

	Required Amount	Approval by C/CAG Staff if under \$ 1,000,000
a. Comprehensive General Liability	\$ 1,000,000	_____
b. Workers' Compensation	\$ Statutory	_____

C/CAG and its officers, agents, employees and servants shall be named as additional insured on any such policies of insurance, which shall also contain a provision that the insurance afforded thereby to C/CAG, its officers, agents, employees and servants shall be primary insurance to the full limits of liability of the policy, and that if C/CAG, or its officers and employees have other insurance against a loss covered by such a policy, such other insurance shall be excess insurance only.

In the event of the breach of any provision of this section, or in the event any notice is received which indicates any required insurance coverage will be diminished or canceled, the C/CAG Chairperson, at his/her option, may, notwithstanding any other provision of this Agreement to the contrary, immediately declare a material breach of this Agreement and suspend all further work pursuant to this Agreement.

10. **Non-discrimination.** The Contractor and any subcontractors performing the services on behalf of the Contractor shall not discriminate or permit discrimination against any person or group of persons on the basis of race, color, religion, national origin or ancestry, age, sex, sexual orientation, marital status, pregnancy, childbirth or related conditions, medical condition, mental or physical disability or veteran's status, or in any manner prohibited by federal, state or local laws.

11. **Compliance with All Laws.** Contractor shall at all times comply with all applicable laws and regulations, including without limitation those regarding services to disabled persons, including any requirements of Section 504 of the Rehabilitation Act of 1973.
12. **Access to Records.** C/CAG, or any of their duly authorized representatives, shall have access to any books, documents, papers, and records of CITY which are directly pertinent to this Agreement for the purpose of making audit, examination, excerpts, and transcriptions. CITY shall maintain all required records for five (5) years after C/CAG makes final payments and all other pending matters are closed.
13. **Merger Clause.** This Agreement, including Exhibit A attached hereto and incorporated herein by reference, constitutes the sole agreement of the parties hereto with regard to the matters covered in this Agreement, and correctly states the rights, duties and obligations of each party as of the document's date. Any prior agreement, promises, negotiations or representations between the parties not expressly stated in this Agreement are not binding. All subsequent modifications shall be in writing and signed by the C/CAG Chairperson. In the event of a conflict between the terms, conditions or specifications set forth herein and those in Exhibit A attached hereto, the terms, conditions or specifications set forth herein shall prevail.
14. **Governing Law.** This Agreement shall be governed by the laws of the State of California, without regard to its choice of law rules, and any suit or action initiated by either party shall be brought in the County of San Mateo, California.
15. **Notices.** All notices or other communications to either party by the other shall be deemed given when made in writing and delivered or mailed to such party at their respective addresses as follows:

C/CAG: Attn: Reid Bogert, Stormwater Program Specialist
City/County Association of Governments of San Mateo County
555 County Center, 5th Floor
Redwood City, CA 94063

CITY: Attn: Karen Kinser, Deputy Director of Public Works
City of Brisbane
50 Park Place
Brisbane, CA 94005

IN WITNESS WHEREOF, the parties hereto have affixed their hands on the day and year first above written.

City of Brisbane

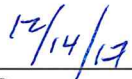
By _____

_____ Date

By _____
CITY Legal Counsel

City/County Association of Governments (C/CAG)

By  _____
Alicia C. Aguirre
C/CAG Chair

 _____
Date

C/CAG Legal Counsel

By  _____
Nirit Erickson, C/CAG Counsel

EXHIBIT A

SCOPE OF WORK

Safe Routes to School and Green Streets Infrastructure Pilot Program Scope of Work

Jurisdiction: City of Brisbane

Project Title: Brisbane Safe Routes to School and Green Infrastructure Project

Scope of Work (location and description of proposed work as detailed in project proposal):

The project is located in central Brisbane and includes safe routes improvements and green infrastructure at several intersections and street segments:

- **Visitacion Avenue & Alvarado Street** – The proposed enhancement includes a mid-block crossing and a green infrastructure buffered pedestrian island. The mid-block crossing with large bulbout from the north-west corner of Visitacion Ave to the GI island will have a pedestrian walkway with a vegetated buffer on both sides. The large bulbout and GI island will shorten the distance pedestrians will have to travel and provide insulation from vehicular traffic. By increasing the area of the bulbout and decreasing the area of the GI island, C.3 sizing criteria are met for both treatment areas. Stormwater will travel east from the 500 block of Alvarado St. and enter the bulbout. Stormwater from the area south of the GI island will enter and be treated. The City also plans to incorporate educational signage into this site.
- **Visitacion Avenue & Mariposa Street** – This intersection will include four concrete bulbouts, one at each corner of the intersection, with new curb ramps and bypass drainage channels. The City proposes including stormwater curb extensions on the south-west corner (west side of Visitacion Ave) and the south-east corner (south side of Mariposa St). The City proposes to incorporate the existing rapid flashing beacons into the curb bulbouts/GI features. All GI treatment areas will meet C.3 sizing criteria.
- **San Bruno Avenue & Santa Clara Street** – This intersection will include a mid-block crossing on San Bruno Ave, with two concrete bulbouts with new curb ramps (one on the west side of San Bruno Ave and the other on the east side of San Bruno Ave and Santa Clara St). On the west side of San Bruno Ave, the City proposes to only include a curb extension on one side of the bulbout as there is a driveway for access to the athletic field on the north side. The bulbout on west side of San Bruno will include bioretention on both sides of the bulbout (south side of Santa Clara St and east side of San Bruno Ave). All treatments will meet C.3 sizing criteria.
- **Additional SRTS components** – additional SRTS components are included in the scope of work, that although do not integrate pedestrian improvements with green infrastructure, meet the overall intent of the pilot program in relationship to the complete proposal.
 - **San Francisco Ave & Inyo Street** – Concrete sidewalk extension around utility pole and fire hydrant to maintain wider clearance for pedestrians on sidewalk

- **Solano Street & San Francisco Ave** – Raised rumble strip; curb ramp at wider portion of sidewalk; restriping high visibility crossing and angle towards curb ramp; rolled curb in front of the stairway; signage for 15 MPH limit on Solano between Monterey and entrance to Lipman.
- **Humboldt Rd., Solano Street & Monterey Street** – Restripe high-visibility crossing parallel to Solano St; Larger concrete island with passageway cutouts; yellow high-visibility crossings to replace standard white crossing; curb ramp where no rolled curb exists; signage for 15 MPH limit on Solano St between Monterey St and entrance to Lipman.
- **Solano Street & Sierra Point Road/Klamath Street Intersection** – Shift white edge lines on Solano Street to the west to all more width for parked cars and clearance for sidewalk; new white high visibility crossing on the northern leg of Sierra Point/Klamath intersection.

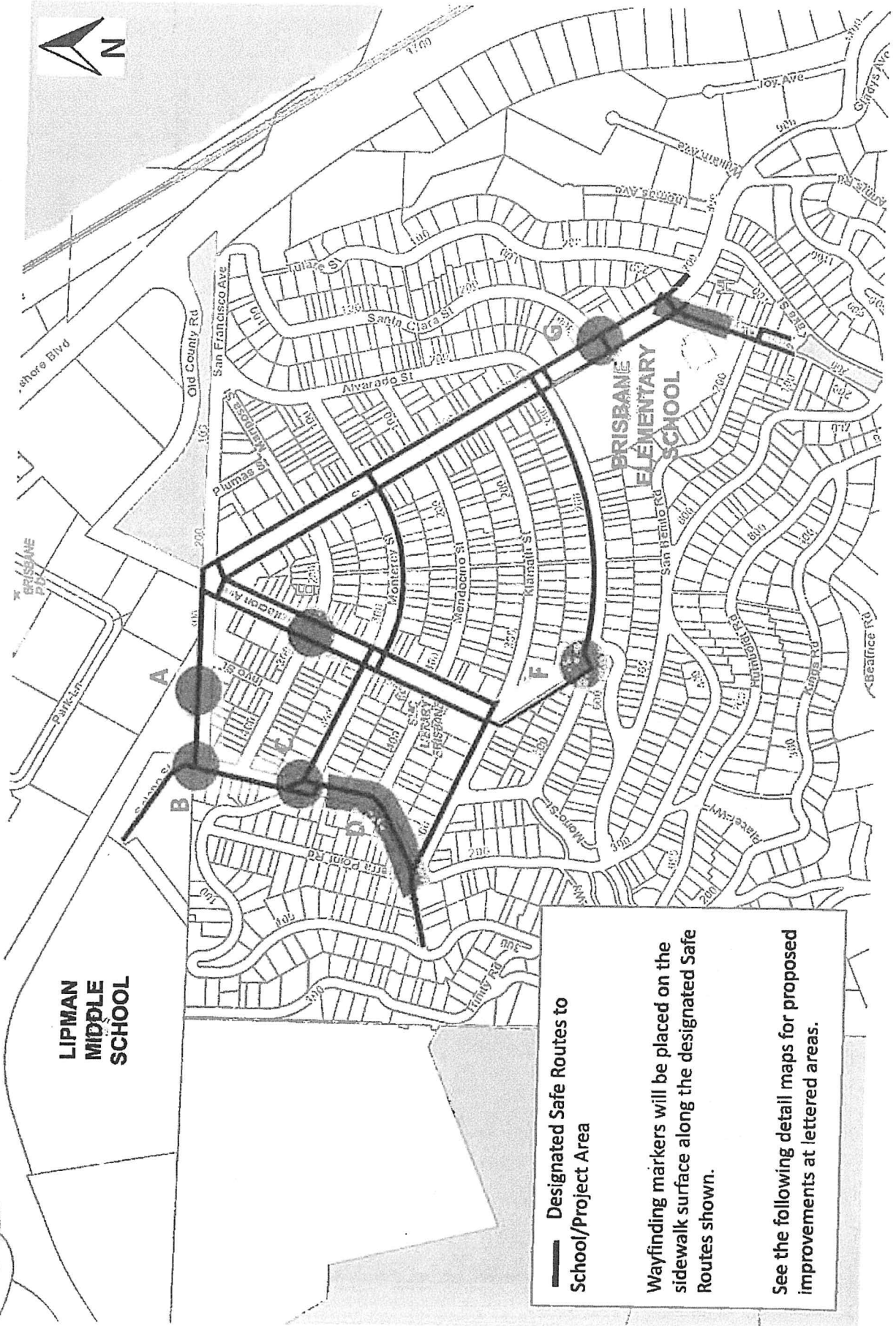
The proposed project will include educational signage about green infrastructure features and Brisbane’s stormwater management efforts. Additionally, the existing map of the city at the entrance to downtown Brisbane will include the designated Safe Routes. Paper maps of Safe Routes will be available by the City for public use.

The project will be maintained according to the City’s proposed plan – routine weeding, removal of trash and sediment from landscaped areas as well as routine maintenance of catch basins will be performed for proper management of improvements. Trash will be scheduled to be removed weekly, weeds monthly, and sediment quarterly. The Buildings & Grounds Maintenance Division is responsible for the upkeep of all city parks and landscaped areas. This team will maintain the planted areas as part of their regular scheduled activities. Funding will be provided via the operating fund designated for landscape maintenance. The Sewer Maintenance Division is responsible for all catch basins and drain inlets. This team will maintain the area drain as part of their regular scheduled maintenance.

Attachments (proposed project map, design concept, preliminary budget, other supporting documentation):

1. Project Area Map
2. Project Concepts
3. Preliminary Cost Timeline and Cost Breakdown

Attachment III Project Components



— Designated Safe Routes to School/Project Area

Wayfinding markers will be placed on the sidewalk surface along the designated Safe Routes shown.

See the following detail maps for proposed improvements at lettered areas.

Attachment III

Detail A



Proposed Improvements

1. Concrete sidewalk extension around utility pole and fire hydrant to maintain wider clearance for pedestrians on sidewalk

— Safe Route to School

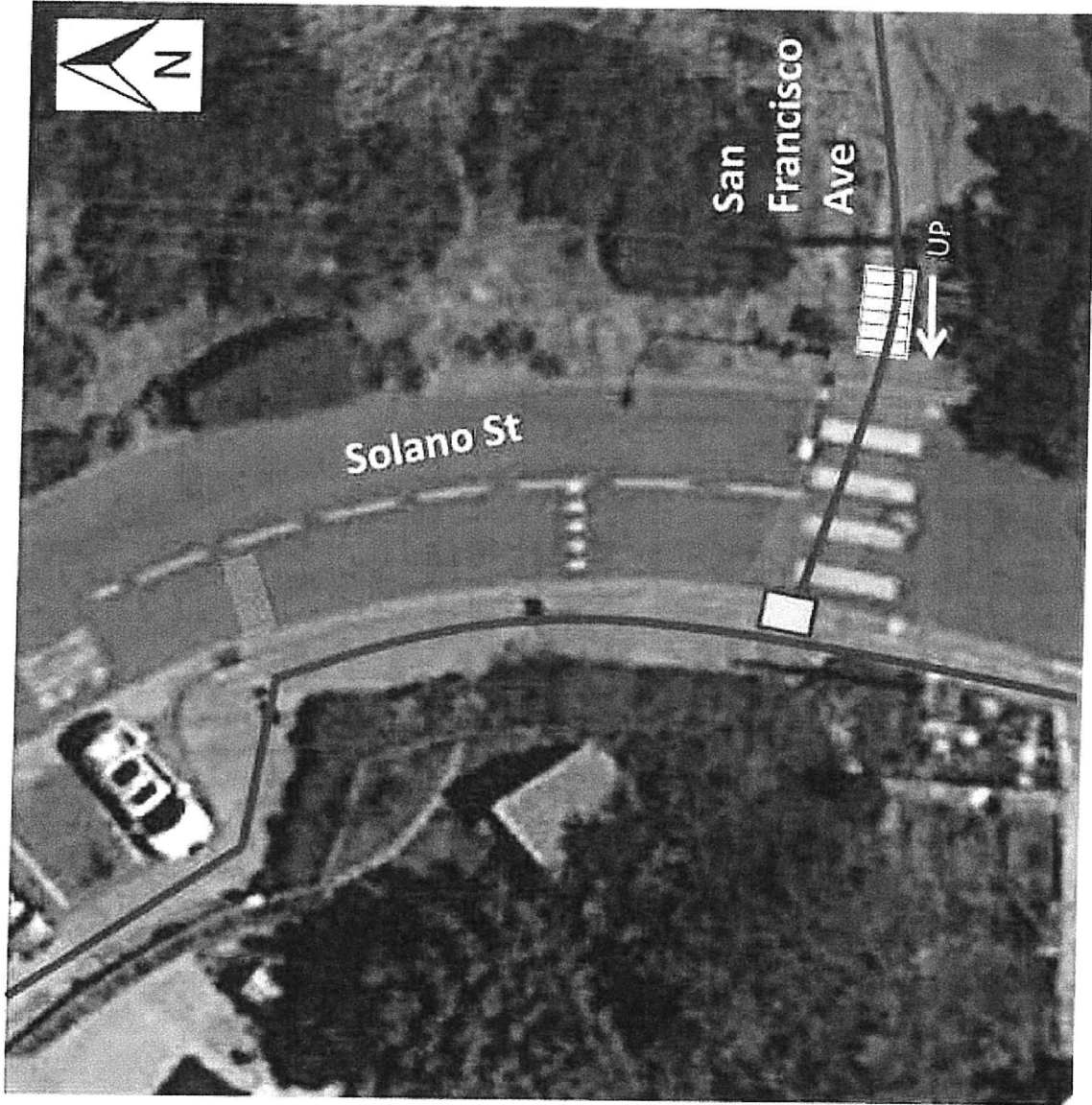
■ Area of new extension

● Fire hydrant

● Utility pole

Attachment III

Detail B



Proposed Improvements

1. Raised rumble strip
2. Curb ramp at wider portion of sidewalk
3. Restripe high-visibility crosswalk and angle towards curb ramp
4. Rolled curb in front of stairway
5. Signage for 15 MPH speed limit zone on Solano between Monterey St and entrance to Lipman

— Safe Route to School

Existing stairway

New curb ramp

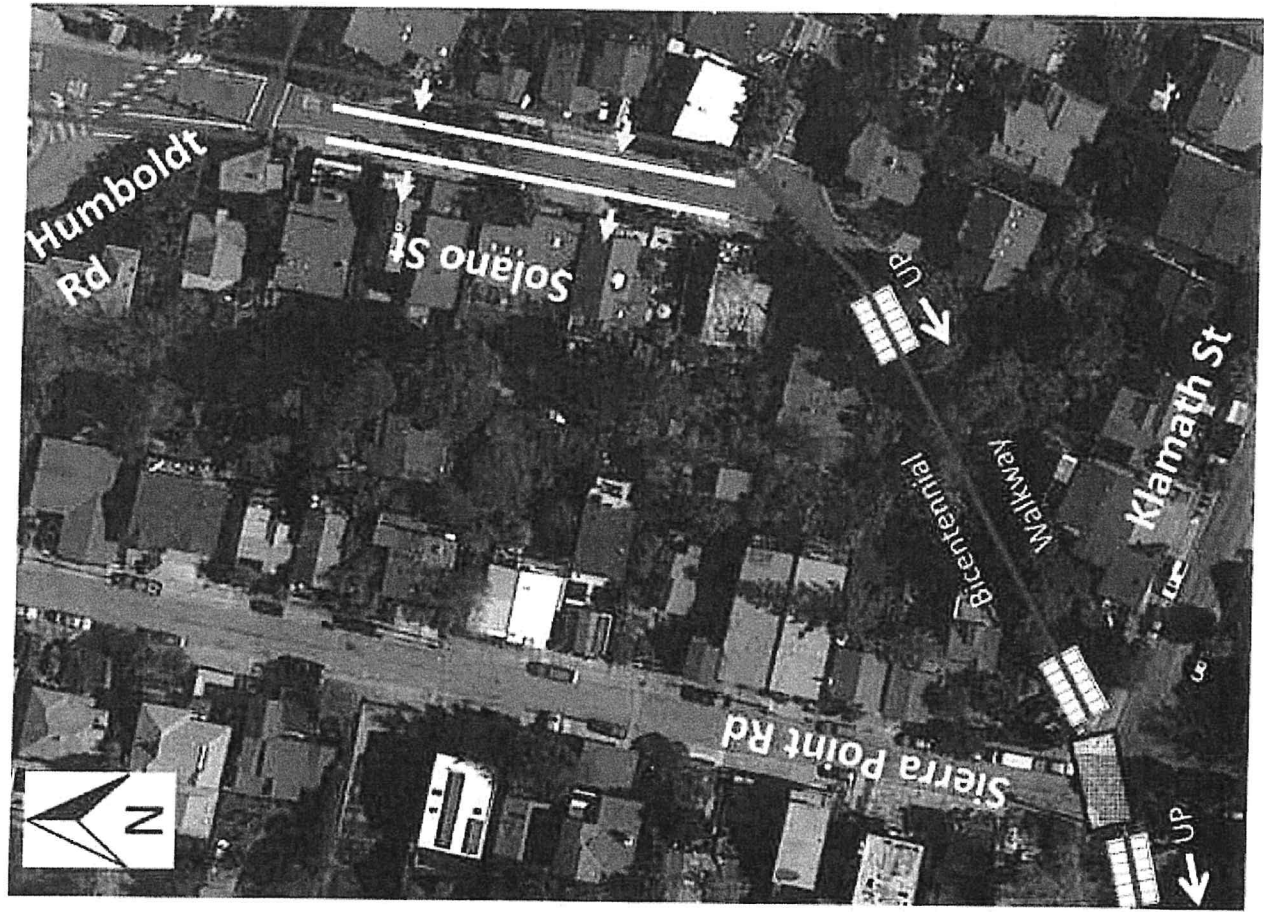
Area of new high visibility crosswalk

Area of raised rumble strip

— New rolled curb

Attachment III

Detail D



Proposed Improvements

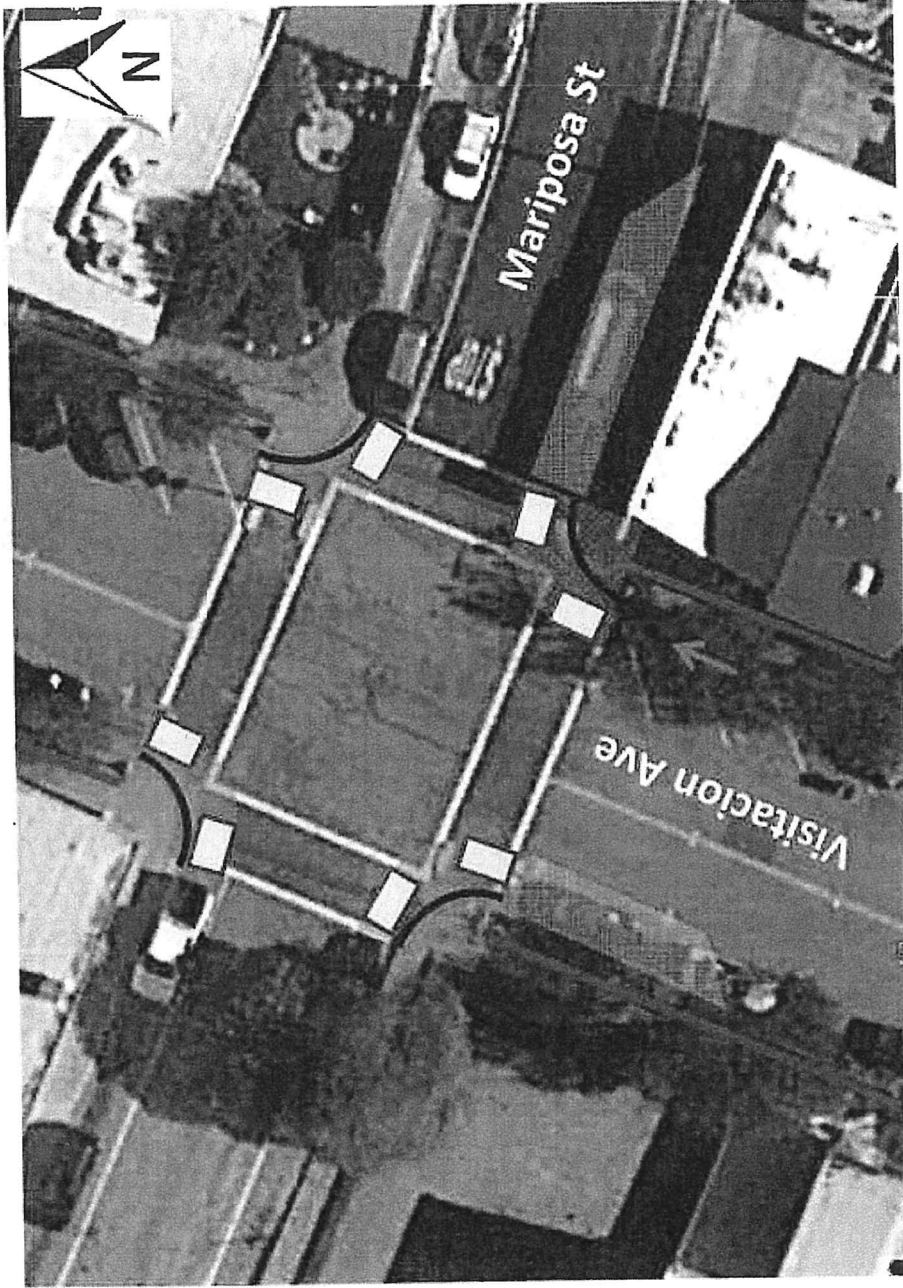
1. Shift white edge lines on Solano St to the west – allow more width for parked cars on eastern side to maintain wider clearance for sidewalk
2. New white high visibility crosswalk on northern leg of Sierra Point/Klamath intersection

— Safe Route to School

▨ Existing stairway

▭ Area of new high visibility crosswalk

Attachment III
Detail E – SRTS/GI Features



- Safe Route to School
- ▭ Area of concrete work
- ▭ New bypass drainage channel
- ▭ New curb ramp
- ▭ New stormwater treatment area
- ↙ Direction of flow

Proposed Improvements

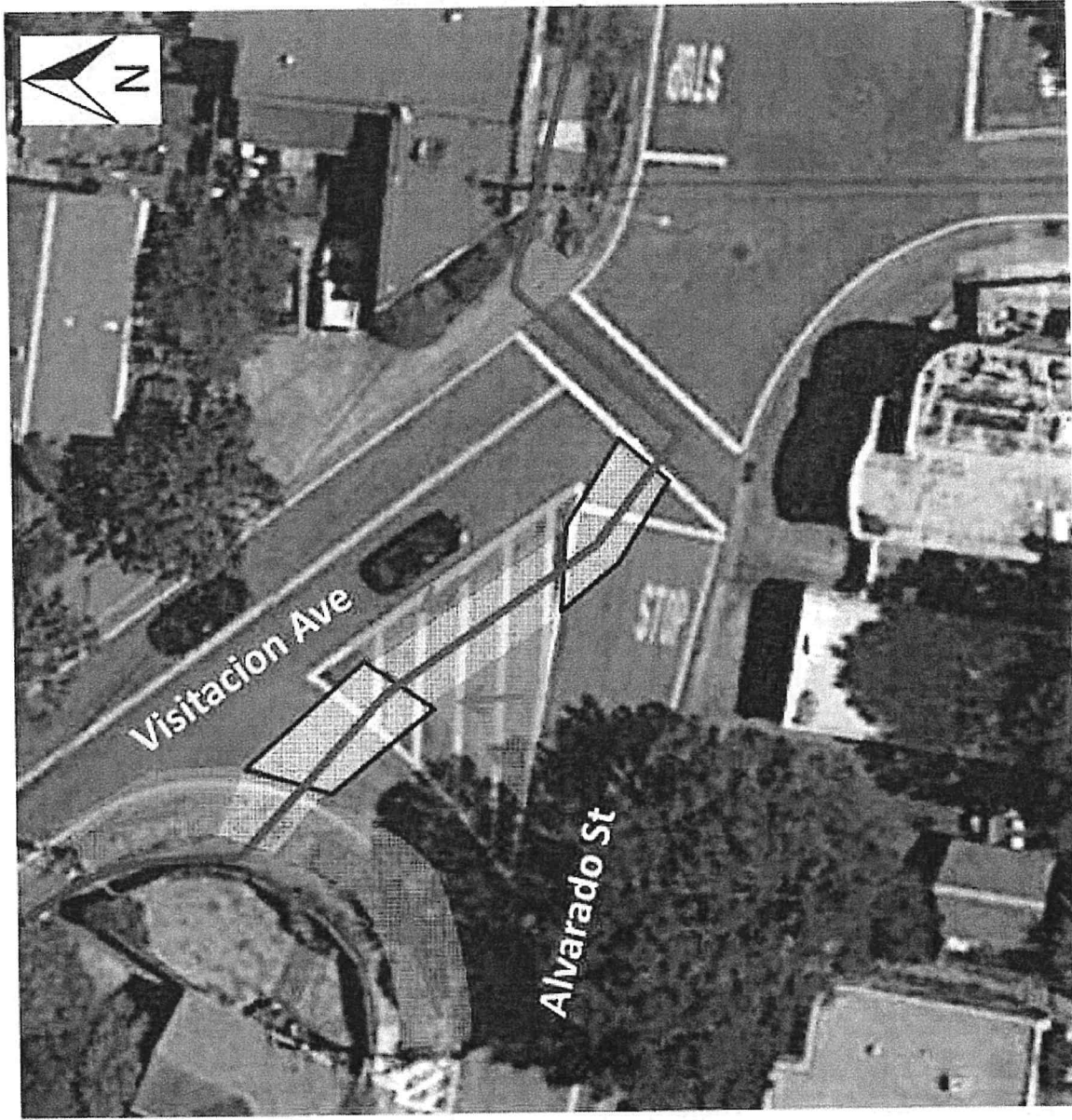
1. Concrete bulbouts at corners of intersection w/ curb ramps and bypass drainage channels – bulbouts will replace existing curb ramps and concrete islands/steel bollards at crosswalk edges
2. Stormwater curb extensions at corners

Attachment III
Detail E – Drainage Areas



Attachment III

Detail F – SRTS/GI Features



Proposed Improvements

1. Stormwater treatment areas w/ check dams and adjustable weirs to accommodate for slope in planter strip and painted island
2. Permeable paver path through bulbout and island
3. Concrete surfacing improvements at crosswalk end
4. New white crosswalk areas

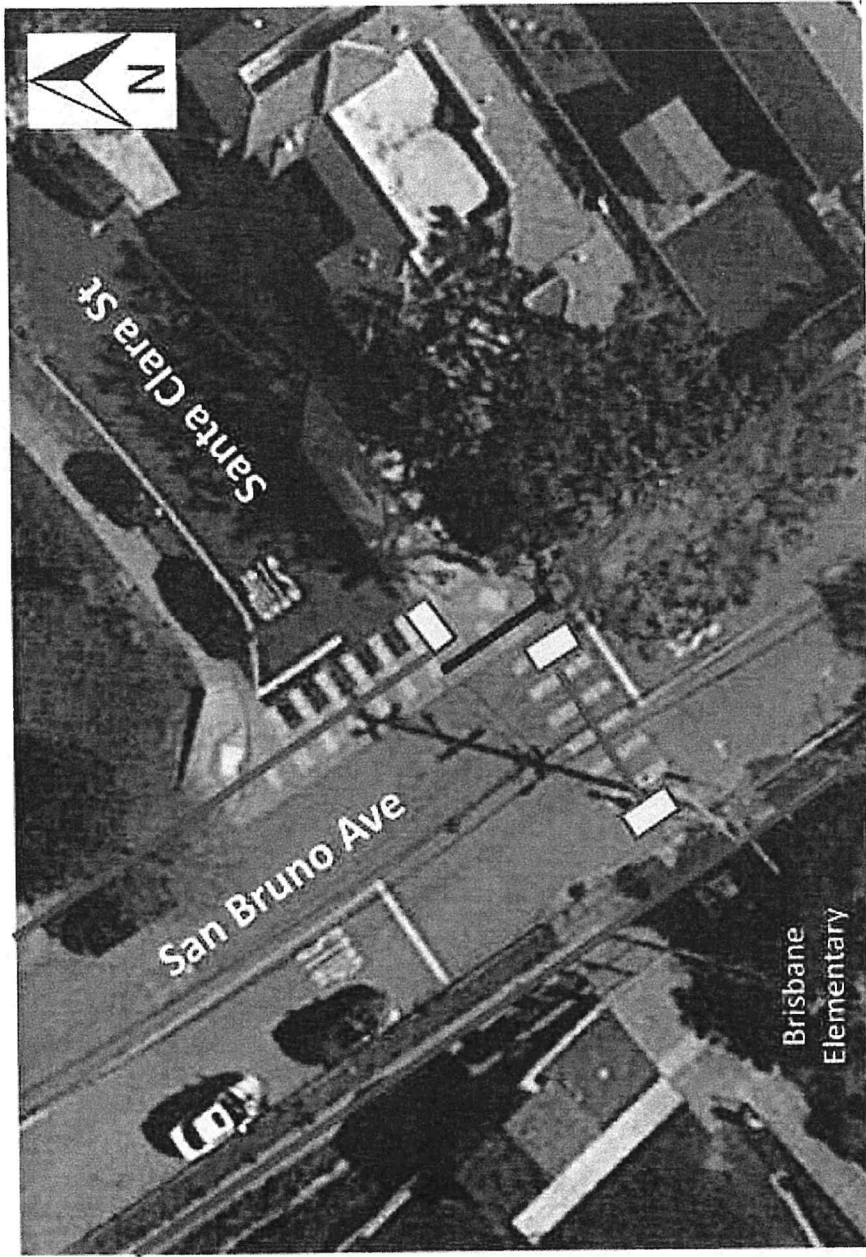
- Safe Route to School
- ▨ Area of concrete work
- ▭ Area of new crosswalk
- ▧ Permeable paver walkway
- New stormwater treatment area
- ↙ Direction of flow

Attachment III
Detail F – Drainage Areas



Attachment III

Detail G – SRTS/GI Features

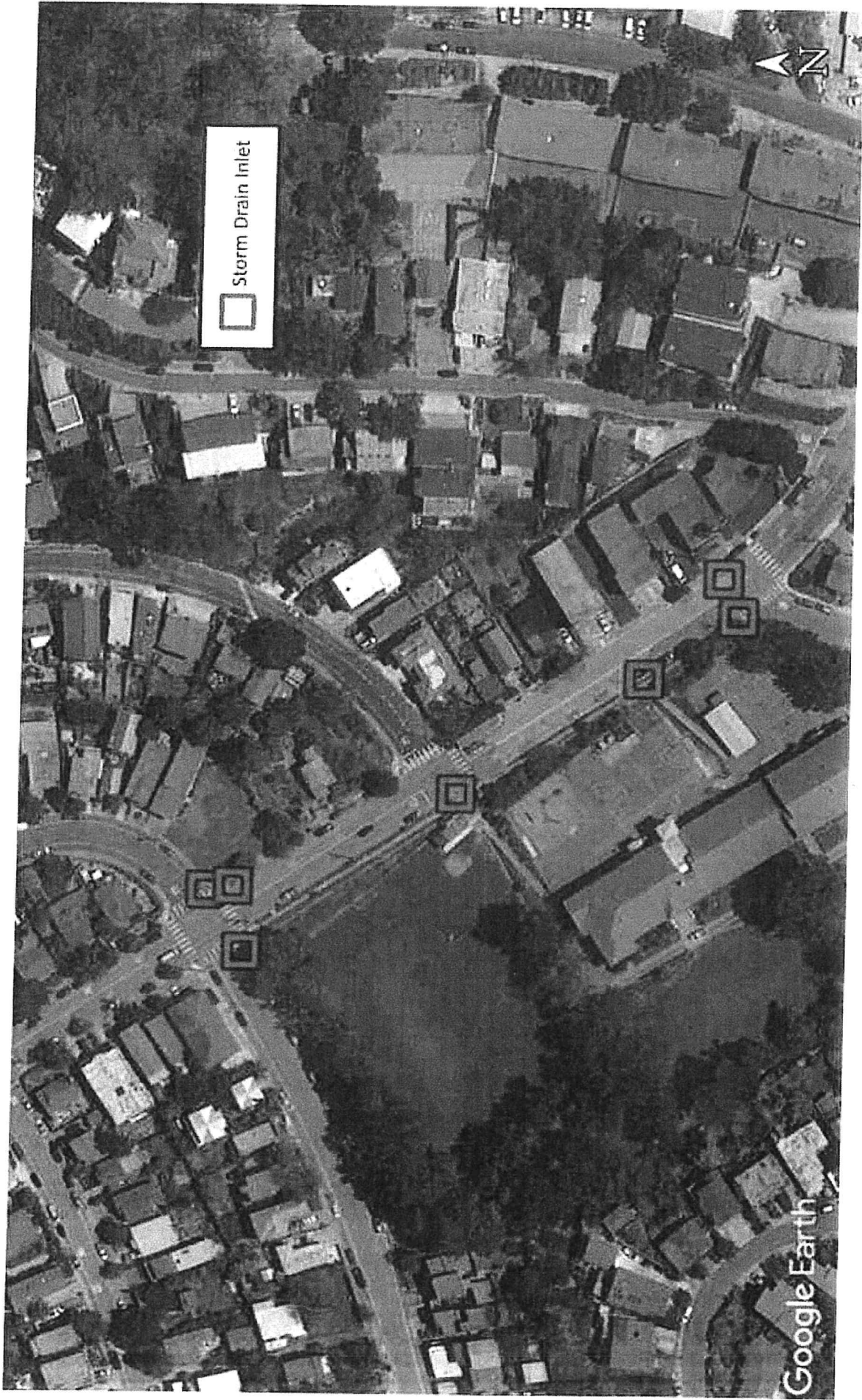


Proposed Improvements

1. Stormwater treatment areas on Santa Clara St and San Bruno Ave
2. Concrete bulbouts w/ curb ramps and bypass drainage channel

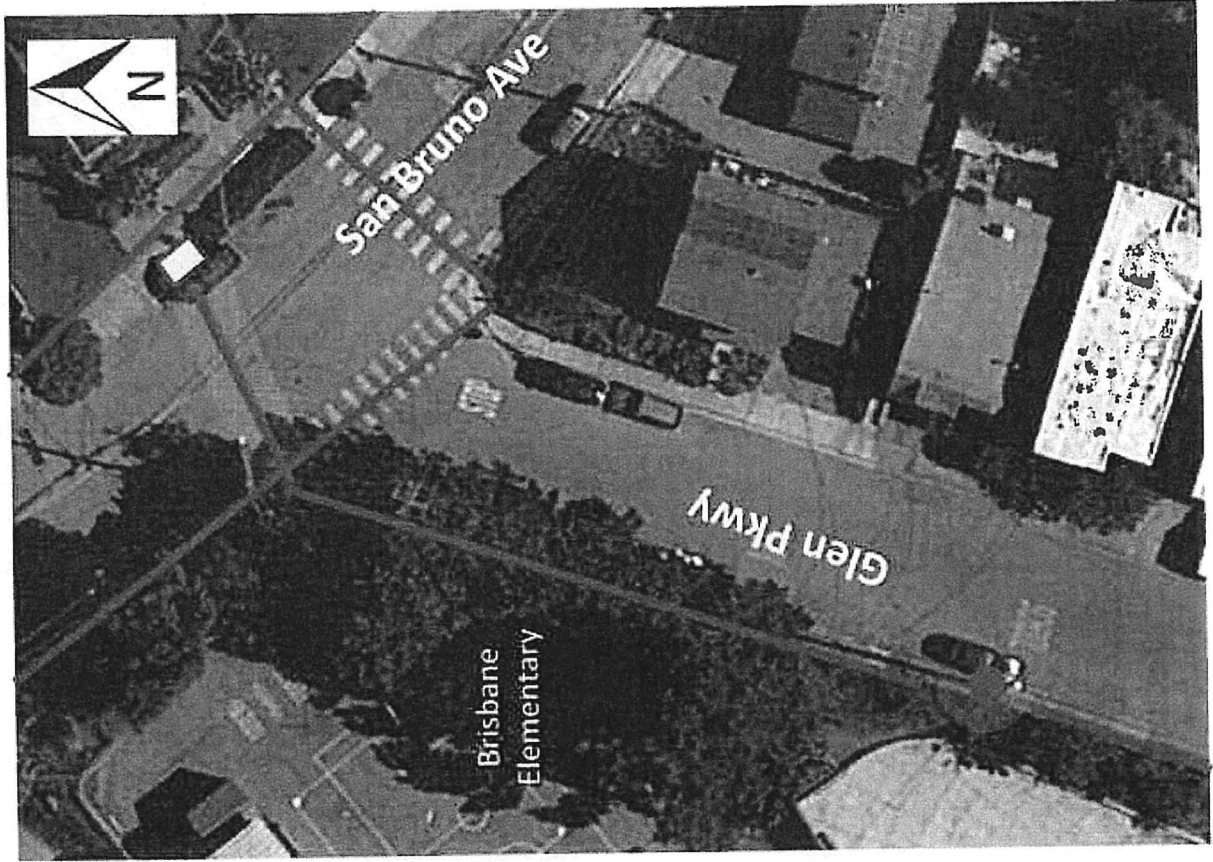
- Safe Route to School
- ▒ Area of concrete work
- New bypass drainage channel
- New curb ramp
- ▒ New stormwater treatment area
- ↘ Direction of flow

Attachment III
Detail G – Drainage Areas



Attachment III

Detail H



Proposed Improvements

1. Concrete sidewalk extension around utility pole on Glen Pkwy to maintain wider clearance for pedestrians on sidewalk
2. New curb ramp and high-visibility crosswalk at northern leg of intersection
3. Signage for 15 MPH speed limit zone on portions of San Bruno Ave, Glen Pkwy, and San Benito Rd adjacent to school

- Safe Route to School
- Area of new high visibility crosswalk
- ▭ New curb ramp
- Utility pole

Section IV: Project Timeline and Budget

A. Timeline and Budget

1. Please provide in **Attachment IV** a proposed project budget and timeline, including all project deliverables. The budget should include a minimum 15% cash only local match from the project sponsor applied to the capital costs (see application guidelines for example under **Funding Details**). The proposed budget must also show a breakdown of estimated capital costs for SRTS and stormwater components with the goal of an equal cost distribution between the two program components, but no greater than a 60/40 split. For guidance on providing an estimated cost breakdown, see the example **Preliminary Cost Breakdown Table** appended to this application and linked from the Pilot Program webpage (<http://ccag.ca.gov/opportunities/call-for-projects/>). Applicants may provide a different cost table if preferred. The proposed budget may include a 10% contingency for construction.

See Attachment IV.

Timeline

Design phase: 6/2017 to 9/2017
Environmental phase: 1/2018 to 3/2018
(anticipated break from 10/2017 to 1/2018 for grant selection process and award)
Design completion: 3/2018 to 7/2018
Council authorization to advertise: 8/2018
Bid phase: 9/2018 to 10/2018
Construction: 4/2019 to 8/2019 (begin after rainy season)
Plant establishment period: 9/2019 to 12/2019

Section V: School and Community Support

A. School and Community Support

1. Does this project have the support from the participating school? If so, include letter(s) in **Attachment I**.

- Yes – Attach letter of support from school district
 No – School district support is mandatory, grant proposals without a letter of support will not be considered

Attachment IV

SRTS and Green Streets Infrastructure Estimated Cost Breakdown Template

Construction Element	SRTS/GI/Both	Quantity	Unit	Unit Cost	Cost	GI/Both Cost	SRTS/Both Cost	Percent GI Cost	Percent SRTS Cost
Install/Remove Crosswalk	SRTS	485	SY	\$27	\$13,095	\$0	\$13,095		55%
Signing and Striping	SRTS	1	LS	\$18,250	\$18,250	\$0	\$18,250	45%	
Remove Existing Landscaping - *Area of landscaping increased due to entire planter strip @ Vistacion Alvarado	Both	4	EA	\$300	\$1,200	\$600	\$600		
Wayfinding Markers	SRTS	66	EA	\$200	\$13,200	\$0	\$13,200		
Concrete Removal (Sidewalk)	SRTS	685	SF	\$20	\$13,700	\$0	\$13,700		
Concrete Removal (Curb and Gutter)	Both	285	LF	\$45	\$12,825	\$6,413	\$6,413		
Minor Concrete (Curb Ramp)	SRTS	14	EA	\$3,000	\$42,000	\$0	\$42,000		
Minor Concrete (Sidewalk and Add Bulbouts)	SRTS	2430	SF	\$6	\$14,580	\$0	\$14,580		
Roadway excavation	Both	920	CY	\$20	\$18,400	\$9,200	\$9,200		
Stormwater Facility Soil Excavation	GI	261	CY	\$20	\$5,220	\$5,220	\$0		
Concrete Removal (curb and gutter)	GI	285	LF	\$45	\$12,825	\$12,825	\$0		
Concrete Removal (sidewalk)	SRTS	684	SF	\$20	\$13,680	\$0	\$13,680		
Minor Concrete (retaining curb)	GI	935	LF	\$30	\$28,050	\$28,050	\$0		
Modify Existing Storm Drain System	GI	1	EA	\$5,000	\$5,000	\$5,000	\$0		
Area Drain	GI	1	EA	\$2,500	\$2,500	\$2,500	\$0		
Permeable Pavers	GI	275	SF	\$11	\$3,025	\$3,025	\$0		
Metal Checkdam/Weir	GI	10	EA	\$100	\$1,000	\$1,000	\$0		
Stormwater Facility Soil Import and Prep (with underdrain)	GI	120	CY	\$45	\$5,400	\$5,400	\$0		
Landscape Area Soil Import and Prep	GI	600	CY	\$35	\$21,000	\$21,000	\$0		
1 gallon plants	GI	750	EA	\$20	\$15,000	\$15,000	\$0		
Contingency (10%)	BOTH				\$28,595	\$14,297	\$14,297		
Total					\$788,545	\$129,530	\$14,297		