

**TRANSPORTATION AUTHORITY OF MARIN
TECHNICAL ADVISORY COMMITTEE MEETING**

JANUARY 18, 2018

3:00 P.M.

**CONFERENCE ROOM
900 FIFTH AVENUE, SUITE 100
SAN RAFAEL, CA 94901**



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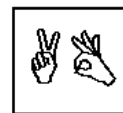
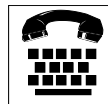
Sausalito
Ray Withy

Tiburon
Alice Fredericks

County of Marin
Damon Connolly
Katie Rice
Kathrin Sears
Dennis Rodoni
Judy Arnold

AGENDA – Page 1 of 1

1.	Introductions
2.	Administration of Oaths (if necessary)
3.	Staff Comments
4.	Committee Member Comments
5.	Open Time for Public Expression
6.	CONSENT CALENDAR (Action) – Attachment Approval of Revised Draft TAC Minutes of June 15, 2017 Meeting
7.	Allocate Transportation Sales Tax (Measure A) to Marin County for the Sir Francis Drake Rehabilitation Project in Ross Valley (Action) - Attachment
8.	Crossing Guard Location Selection (Action) - Attachment
9.	Next Meeting
10.	Adjournment



Late agenda material can be inspected in TAM's office between the hours of 8:00 a.m. and 5:00 p.m.
TAM is located at 900 Fifth Avenue, Suite 100, San Rafael.

The meeting facilities are accessible to persons with disabilities. Requests for special accommodations (assisted listening device, sign language interpreters, etc.) should be directed to Denise Merleno, 415-226-0820 or email: dmerleno@tam.ca.gov **no later than 5 days** before the meeting date.

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**TECHNICAL ADVISORY COMMITTEE MEETING
THURSDAY, June 15, 2017
3:00 P.M. – 5:00 P.M.
TAM Conference Room
900 Fifth Avenue, Suite 100
San Rafael, California**

TAC Members Present:

Amy Van Doren, Vice Chair
Regan Candelario
Tim Gilbert
Jonathan Goldman
Robert Goralka, Alternate
Mike Grant
Richard Myhre
Raymond Santiago, Alternate
Vin Smith, Alternate
Russ Thompson
Doug Wilson

Staff Members Present

Derek McGill, Planning Manager
David Chan, Project Manager
Dan Cherrier, Project Manager

Guests Present:

V-Anne Chernock, COC liaison

Vice Chair Amy Van Doren called the Technical Advisory Committee meeting to order at 3:05 p.m.

1. Introductions

Self-introductions were made around the room.

2. Administration of Oaths

Project Manager Dan Cherrier administered the oath of office to Members Tim Gilbert, Regan Candelario, Raymond Santiago, and Amy Van Doren.

3. Staff Comments

Dan Cherrier reminded the Committee to help the minutes clerk by stating their names when speaking. He also noted that there has been a request to swap agenda Items 7 and 8 because Planning Manager Derek McGill will need to leave by 4:00. After brief discussion with the Committee, it was decided to leave the agenda as it was, with the goal of finishing the meeting by 4:00.

4. Committee Member Comments

Member Thompson said he was glad his boss was now on the Committee with him, because his attendance at these meetings could be confirmed now.

5. Open Time for Public Expression

None given.

6. Consent Calendar

a. Approval of Minutes of March 16, 2017 Meeting

Vice Chair Van Doren made a correction to page 2 of the minutes as follows, "*Mr. Cherrier said he thought that would only work if **the third day** ~~three days~~ of video **is** are collected at the same time as the first two days.*"

Vice Chair Van Doren also commented on information that seemed to be missing from page 5 of the minutes. Mr. Cherrier explained the item she was referring to was discussed at a previous meeting but not this one. After further discussion, Mr. Cherrier recommended deleting the statement, "*Mr. Cherrier noted there is a new Public Works Director in the city, and staff can see whether there is any interest in trying any of the other options*", and the Committee agreed.

Vice Chair Van Doren pointed out that her name was written incorrectly on page 6 of the minutes (*Vice Chair Doren* should be *Vice Chair **Van** Doren.*)

Member Mike Grant moved to approve the minutes of March 16, 2017 as amended. Member Russ Thompson seconded the motion, which was unanimously approved. (Member Goldman arrived at the meeting at 3:10 p.m. and was able to vote on the motion. Member Candelario abstained from the vote.)

7. West Marin SFD Funding Request (Action)

Project Manager David Chan presented the staff report, discussing the status of the project, phasing of the priority projects, total amount allocated thus far, and the amount remaining and requested now.

Eric Miller, Marin County, reviewed the scope of the project, previously completed sections, bid opening date, and anticipated start date for this section. In response to question from Vice Chair Van Doren, he clarified the exact area for the final segment of the project as well as funding details. He also discussed recycling of the asphalt that will be removed and traffic controls.

Member Jonathan Goldman moved to approve the West Marin SFD funding request. Member Russ Thompson seconded the motion and it was unanimously approved.

8. Strategic Vision Plan (Information)

Member Doug Wilson joined the meeting at 3:20 p.m. and was seated at the table.

Planning Manager Derek McGill presented the staff report, summarizing information included in the report, including the background and purpose, anticipated release at the end of June, updates to the policies and programs in the Measure A Expenditure Plan, TAM accomplishments since 2004, future plans, future needs, mission statement, public outreach, input from member agencies, milestones, principles and framework, mission statement, and areawide transportation/traffic issues.

Mr. McGill also reviewed the transportation setting, including significant job growth expected in the region, response to the threat of sea level rise, limited access to transit options for some communities, impact from the pending startup of SMART (Sonoma Marin Area Rail Transit), funding issues, identifying priority projects, vision strategies, modernizing traffic interchanges, new innovations that need to be incorporated into the planning process, the continuing demand for road maintenance for local streets & roads as well as major roads, programs and services for students and schools, continued support for transportation demand management (TDM) and the alternative fuels program, revenue considerations, and funding opportunities.

Mr. McGill concluded the report and asked for input from the Committee as to which programs/projects they thought should be top priority and whether there were any additional items they thought should be included.

Vice Chair Van Doren asked whether the vision plan is intended to be a precursor to a new expenditure plan. Mr. McGill said the vision plan will use some of the same ideas, but will also have much more than the original expenditure plan.

Vice Chair Van Doren commented on the section under economy, where local transit is cited as a major contributor to the economy because of work commutes, but she thought local travel should also be included under equity as well.

Under Sustainability, Vice Chair Van Doren suggested that active transportation programs access to transit should be included. She also asked for clarification on why the park-and-ride lots were included under the transit capital section, since there is no strong air quality benefit. She also recommended that hybrid and electric vehicles be included in this category. Mr. McGill noted that transit capital could include fleet replacement, and he explained that the project categories don't list every item that could be included but are intended to provide a framework. Vice Chair Van Doren reiterated her concern that for projects funded by TAM, new vehicles purchased should be electric or use an alternative fuel source.

Member Thompson commented on the transition from fixed route bus service to smaller capacity, autonomous vehicles. Vice Chair Van Doren acknowledged there is a trade-off between mobility on demand through the use of private vehicles and the more efficient use of fixed route trips, noting there is a time when each is needed for the community. Mr. McGill explained that is one of the purposes, to identify the different modes and ensure that workable strategies are in place.

Member Goralka pointed out that another goal of the strategic plan is to maximize public safety regardless which transit mode is used. He discussed funding sources specifically for projects with a safety component.

Member Grant expressed *the importance of the crossing guard program to our community and concern about the projected reductions of guard locations due to anticipated funding cuts.* ~~concern about the importance of the crossing guard program and potential funding cuts.~~

Member Goldman said he thought the plan should be more strategic, i.e. finding new ways to continue to meet the needs of a growing economy, other than continuing with the old priorities and policies.

Vice Chair Van Doren agreed. She pointed out that the strategies and goals should not be based on available funding sources, but instead the strategies and policies should drive the plan.

In response to a question about electric vehicles, Mr. McGill explained they were mentioned under alternative fuels sources in the Sustainability section of the draft plan, as well as multiple times in the staff report. He noted as well that Marin has the second highest number of electric vehicles per capita.

V-Anne Chernock, Citizens' Oversight Committee (COC), questioned whether the overarching goals are addressed by a regional body such as the Metropolitan Transportation Commission (MTC) or the Association of Bay Area Governments (ABAG),

whereas this proposed plan is more focused on Marin-specific issues. Mr. McGill acknowledged there is a connection. He also expressed concern that the goals should be realistic and achievable. He reminded the Committee that many of the projects and policies were based on community input. He acknowledged that the missing component is how to move ahead with implementation of the concepts.

Member Wilson questioned whether pedestrian access was addressed in the plan, noting that pedestrian accessibility is the glue that drives all other modes. Mr. McGill explained that bicycle and pedestrian issues have been separately addressed, and staff will continue with that framework.

In response to a question from Vice Chair Van Doren, Mr. McGill reviewed next steps in the process.

9. Next meeting

After a brief summary by Mr. Cherrier, the Committee decided by consensus to set the next meeting date for July 20, 2017 if there are enough items for the agenda. Potential agenda items included the latest Measure A assessment report, crossing guard program report, and update on the Vision Plan.

Mr. Cherrier asked Member Russ Thompson to remain after the meeting to be sworn in.

10. Adjournment

The meeting was adjourned at 4:06 p.m.

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DATE: January 18, 2018

TO: Technical Advisory Committee (TAC)

FROM: David Chan, Programming Manager

SUBJECT: Allocate Transportation Sales Tax (Measure A) to Marin County for the Sir Francis Drake Rehabilitation Project in Ross Valley (Action), Agenda Item No. 7

RECOMMENDATION

Recommend the allocation of \$1,200,000 in Transportation Sales Tax (Measure A) to Marin County for the Sir Francis Drake Rehabilitation Project in Ross Valley to complete final design in preparation to bid for construction.

BACKGROUND

The Measure A Expenditure Plan provides funds for Major Roads and Related Infrastructure under Strategy 3, Sub-strategy 3.1. Projects funded under this strategy are described as the most heavily traveled, and include significant roads and their related infrastructure. A list of eligible roads was adopted with the Measure A Expenditure Plan.

The Expenditure Plan assigned the responsibility for establishing priorities for Sub-strategy 3.1 funding to the Marin Public Works Directors (MPWA) in collaboration with the TAM Technical Advisory Committee (TAC) based on criteria such as condition of roadway, average daily traffic, transit frequency, bicycle and pedestrian activity, school access, accident history, matching funds opportunity, and geographic equity.

Based on a thorough process of evaluation over many months, MPWA and TAC selected the Sir Francis Drake Blvd. from Wolf Grade to Ross town limit as the first and second prioritized projects, respectively, in the Ross Valley Planning Area under Strategy 3.1. Given that the first and second prioritized projects are essentially one continuous stretch of road with the same project sponsor, Marin County has combined the two projects as one project for cost and implementation efficiency.

PROJECT DESCRIPTION

Sir Francis Drake Boulevard between Highway 101 and the Ross Town Limits, a distance of 2.2 miles and within the unincorporated area and the City of Larkspur, and designing and constructing those improvements. In its current configuration the roadway discourages persons wishing to walk or bicycle through the corridor and isolates neighborhoods on the north side from those on the south as well as nearby schools, shopping, and medical and recreation facilities. The roadway functions at or near its vehicle capacity during peak periods at several intersections resulting in significant delay and impacts to other nearby roadways due to the congestion.

REMAINING FUNDS AVAILABLE

The Measure A Strategic Plan programmed about \$14.4 million in Measure A funds for the Ross Valley Planning Area. TAM previously allocated \$800,000 and \$550,000 in Measure A funds to Marin County for PE phase of the SFD Blvd Rehabilitation Project. The current remaining amount for the Ross Valley Planning Area is approximately \$13.05 million. These remaining funds are eligible for this SFD Blvd Rehabilitation Project.

CURRENT ALLOCATION REQUEST

Marin County is requesting the remaining amount of \$1,200,000 in Measure A funds from the Major Road category (Strategy 3.1) to complete final design on the Sir Francis Drake Blvd Rehabilitation Project. After completion of final design, the project will be ready for the construction phase.

NEXT STEP

Upon the recommendation from the TAC, staff will bring an item to the January 25th TAM Board meeting for approval.

ATTACHMENT

Attachment A – Marin County Allocation Request Form

Attachment A

**Transportation Authority of Marin
Measure A – Transportation Sales Tax**

Allocation Request Form

Fiscal Year of Allocation: 2017-18

Expenditure Plan: Strategy 3.1 Major Roads and Related Infrastructure

Project Name: Sir Francis Drake Boulevard Rehabilitation in Ross Valley

Implementing Agency: County of Marin

Scope of Work: The project is analyzing opportunities and constraints and conducting preliminary engineering for potential modifications and improvements to Sir Francis Drake Boulevard between Highway 101 and the Ross Town Limits, a distance of 2.2 miles and within the unincorporated area and the City of Larkspur, and designing and constructing those improvements. In its current configuration the roadway discourages persons wishing to walk or bicycle through the corridor and isolates neighborhoods on the north side from those on the south as well as nearby schools, shopping, and medical and recreation facilities. The roadway functions at or near its vehicle capacity during peak periods at several intersections resulting in significant delay and impacts to other nearby roadways due to the congestion.

Opportunities and constraints analysis has included a survey of the right of way and jurisdictional boundaries. Development and refinement of various design options has analyzed the feasibility of modifications to the current right of way and existing infrastructure to improve transit access and vehicle operations on the congested arterial as well as consider opportunities to improve accessibility for bicyclists and pedestrians. The need and feasibility of installing additional street lighting and/or improved traffic signal operations are incorporated into the project scope. Community outreach and workshops have been included in the work program and which have incorporated community comment. The project is currently in its environmental review phase with a Draft Environmental Impact Report circulated for public comment and release of the Final EIR projected for March, 2018. Action on the Final EIR and project by the Board of Supervisors is scheduled for April, 2018 with final design to commence shortly thereafter. Construction is slated to occur over two six-month periods in 2019 and 2020 to minimize traffic congestion impacts. The project also includes replacement of Marin Municipal Water District (MMWD) pipeline for much of the corridor. The pipeline replacement is funded by MMWD and is proposed for inclusion in the Rehabilitation project for construction schedule and cost efficiency.

The project has been divided into three segments though the scope would proceed on parallel tracks for each segment for analysis purposes. The three segments each have distinct characteristics as they currently exist and how they function. Those segments are 1) from Highway 101 to Wolfe Grade, 2) Wolfe Grade to College Avenue, and 3) College Avenue to the Ross town limits. In accordance to the Measure A Strategic Plan, Segment 1 is a Priority 1 Project and Segments 2 and 3 are Priority 2 Projects.

Cost of Scope:

Survey and Existing Conditions Analysis	\$60,000
Development and evaluation of alternatives:	\$200,000
Environmental Studies	\$660,000

Preliminary Engineering and Cost Estimates (to 30%)	\$430,000
Final Project Design and Bid Process	<u>\$1,200,000</u>
Total Cost	\$2,550,000

Previous Allocations: \$800,000 in June 2013; \$550,000 in November, 2016

Strategic Plan Programmed Amount: Upon approval from TAM Board, the Strategic Plan would be amended to make the funds available.

Requested Amount: \$1,200,000

Other Funding: \$0*

* - Marin Municipal Water District is contributing their share of project expenses related to their water main replacement project that is being included in this project. Funds have been partially allocated for the environmental analysis component with the balance being subject to ongoing negotiation between the County and MMWD.

Cash flow Availability (leave blank): 100% available in FY 17/18

Conditions: In accordance to Strategy 3.1 of the Measure A TST Strategic Plan, the first prioritized project in a planning area must be fully completed before the second prioritized project can commence. However, each of the five planning areas received supplemental funds from the State-Local Partnership Program (SLPP) that are not restricted to the same requirement as Strategy 3.1. Measure A Reserved funds will be used to backfill SLPP funds. Funds from Strategy 3.1 and the supplemental funds will be used to fund this allocation request for preliminary engineering of the first and second prioritized projects.

Marin County is required to segregate its reimbursements into work performed for the portion from Highway 101 to Wolf Grade (Priority One Project) and Wolf Grade to Ross town limit (Priority Two Project). Strategy 3.1 of the Measure A Strategic Plan requires that the first prioritized project be completed before Strategy 3.1 funds can be used on the second prioritized project. In order to preserve this requirement, the work performed on the portion from Highway 101 to Wolf Grade will be reimbursed from Strategy 3.1 funds and the work performed on the portion from Wolf Grade to Ross town limit will be reimbursed from Measure A Reserved funds, which has no such restrictions.

Project Delivery Schedule (include start & completion milestones):

Project Component	Start Date	Estimated Completion
Survey, existing condition and opportunities/constraints studies	September, 2013	March, 2014
Development of Alternatives	March 2014	September, 2016
Environmental Studies and Preliminary Engineering	July, 2016	March, 2018
Project Design	May, 2018	November, 2018
Bidding Process	December, 2018	February, 2019
Construction**	Spring, 2019	Fall, 2020

**Construction is proposed over two six-month periods in 2019 and 2020 (late spring to early fall) to minimize traffic disruption by taking advantage of lighter traffic periods and to avoid weather-related construction delays.

Environmental Clearance:

Originally the extent of the project was assumed to require a mitigated Negative Declaration under CEQA. However, the evolution of the project through the community input process plus partnerships with other agencies, such as MMWD, to coordinate their projects in the corridor with the rehabilitation project, results in the preparation of an Environmental Impact Report. Since the original project was not assumed to involve this level of environmental analysis, the consultant agreement was modified to incorporate this additional task into the work program.

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January 18, 2018

TO: Transportation Authority of Marin Technical Advisory Committee

FROM: Dan Cherrier – Principal Project Delivery Manager

RE: Measure A Crossing Guard Program 2017 Recertification Process (Item 8) - **Action**

Discussion

The TAM Crossing Guard Program provides trained crossing guards for critical intersections throughout Marin County. As committed in the Transportation Sales Tax (Measure A) Expenditure Plan, the Program uses trained crossing guards under contract to a professional company that specializes in crossing guard programs. The 2017/2018 school year is the twelfth year during which crossing guards have been funded by the TAM Crossing Guard Program. TAM also has an agreement with several school districts to provide additional guards on a reimbursed basis.

Measure A requires that the Crossing Guard Program be assessed periodically and that locations eligible for funding through the TAM Crossing Guard Program be prioritized by Public Works Directors together with the Technical Advisory Committee, and be approved by the TAM Board. The process for establishing a ranked list to be used for prioritizing the locations is referred to as the “recertification process.”

The Crossing Guard Program is currently funded by a combination of the transportation sales tax (Measure A) and the Vehicle Registration Fee (Measure B). There are currently 150 locations on the master list, of which, 82 are funded through the TAM Crossing Guard Program. An additional eight locations are funded completely by various school districts. Based on current revenue projections and cost forecasts, the number of locations to be funded through the Program for the 2018/2019 regular school year and beyond will be reduced. Current projections indicate that current funding will only be sufficient for 56 guards starting in August 2018. The ranked list established during the 2017 recertification process will serve as the basis for determining which locations are eligible for funding from the TAM Crossing Guard Program for the 2018/2019 school year.

The methods employed for data collection, analysis and location scoring for the 2017 recertification process were reviewed and approved by the MPWA, TAM TAC and TAM Board in June 2017. Details about the recertification and scoring process are included in Attachments A, B & C.

The location scoring data and ranking for the 150 locations based on the 2017 recertification process are shown in Attachment D-1 in order of the 2017 ranking. Attachment D-2 shows the

2017 scoring data and ranking in order of the TAM site number assigned to each location. A comparison of the 2017 rankings with the 2014 rankings is shown in Attachment E.

The process approved in June allowed for some intersections to be “carried over” to the top of the new ranked list based on their consistent high ranking in the previous two recertification cycles, and for some locations to remain at the bottom of the ranked list based on their consistent low ranking in the previous two recertification cycles. A total of twenty-eight (28) locations were included in both groups: seventeen (17) in the top tier group; and eleven (11) in the bottom tier. The intent of the carry overs was to reduce the cost of data collection for the recertification process by reducing the number of locations for which data would have to be collected. Local jurisdictions were given the option of having data collected for any location in either of the groups and being included in the 2017 recertification scoring process regardless of the ranking history. Two locations were removed from the eleven in the bottom tier group and included in the scoring process, i.e. data was collected and they were scored with the others.

Approval of the recommended action would result in a new ranking of the 150 candidate crossing guard locations on the master list which would be used as the basis for determining which locations are eligible for funding through the TAM Crossing Guard Program until the next recertification cycle expected to occur in three or four years.

Recommendation: Staff recommends the TAC approve the rankings of the locations on the master list based on the 2017 recertification process. The ranking will be used as the basis for determining which locations will be eligible for funding through the TAM Crossing Guard Program for future school years until the next recertification cycle.

Attachments:

- A: TAM Crossing Guard Program Scoring Process Guide
- B: TAM Crossing Guard Program Location Scoring Criteria
- C: CA MUTCD 2014 Chapter 7D Excerpt
- D: TAM Crossing Guard Program 2017 Scoring Data and Rankings
- E: TAM Crossing Guard Program 2017 Ranking with Ranking History
- F: Projected Impacts to School Districts
- G: Project Impacts to Individual Schools

TAM Crossing Guard Program Scoring Process Guide

- **7 Criteria used for scoring individual crosswalks at locations on Master List**
- **Criteria related to vehicular and school-aged pedestrian volumes dependent on actual volumes counted**
- **“Qualifying” vehicular and school-aged pedestrian volumes for scoring based on MUTCD California Edition (CA MUTCD)**
- **Individual weighting factors for each criterion used to establish “Weighted Score”**
- **Locations ranked by the highest Weighted Score of all crosswalks at the location**
- **Scoring instructions for each criterion on following pages**

Criteria No. 1: Vehicular Volume

1. Stop Sign

$$\frac{\text{Peak Hour Volume from Counts}}{350} (\%) \quad \text{Multiplied by} \quad \frac{1 \text{ Point}}{10\%} = \text{SCORE (Rounded)}$$

2. Traffic Signal

$$\frac{\text{Turning Movement Peak Hour Volume from Counts}}{300} (\%) \quad \text{Multiplied by} \quad \frac{1 \text{ Point}}{10\%} = \text{SCORE (Rounded)}$$

3. Uncontrolled Rural

$$\frac{\text{Peak Hour Volume from Counts}}{300} (\%) \quad \text{Multiplied by} \quad \frac{1 \text{ Point}}{10\%} = \text{SCORE (Rounded)}$$

4. Uncontrolled Urban

$$\frac{\text{Peak Hour Volume from Counts}}{350} (\%) \quad \text{Multiplied by} \quad \frac{1 \text{ Point}}{10\%} = \text{SCORE (Rounded)}$$

Criteria No. 2: School-Aged Pedestrian Volume

1. Stop Sign

$$\frac{\text{Peak Hour Pedestrian Volume from Counts}}{40} (\%) \quad \text{Multiplied by} \quad \frac{1 \text{ Point}}{10\%} = \text{SCORE (Rounded)}$$

2. Traffic Signal

$$\frac{\text{Peak Hour Pedestrian Volume from Counts}}{40} (\%) \quad \text{Multiplied by} \quad \frac{1 \text{ Point}}{10\%} = \text{SCORE (Rounded)}$$

3. Uncontrolled Rural

$$\frac{\text{AM/PM Combined Pedestrian Volume from Counts}}{30} (\%) \quad \text{Multiplied by} \quad \frac{1 \text{ Point}}{10\%} = \text{SCORE (Rounded)}$$

4. Uncontrolled Urban

$$\frac{\text{AM/PM Combined Pedestrian Volume from Counts}}{40} (\%) \quad \text{Multiplied by} \quad \frac{1 \text{ Point}}{10\%} = \text{SCORE (Rounded)}$$

Criteria No. 3: Intersection Skew Angle

All Intersection Control Types

Maximum skew from 0 to 5 degrees	0 Points
Maximum skew from 6 to 15 degrees	1 Point
Maximum skew from 16 to 25 degrees	2 Points
Maximum skew from 26 to 35 degrees	3 Points
Maximum skew from 36 to 45 degrees	4 Points
Maximum skew greater than 45 degrees	5 Points

Criteria No. 4: Stopping Sight Distance

All Intersection Control Types

Stopping sight distance not impaired	0 Points
Stopping sight distance slightly impaired	1 Point
Stopping sight distance significantly impaired	2 Points

Criteria No. 5: Horizontal Curve

All Intersection Control Types

Intersection not located on a curve with posted warning or speed reduction sign	0 Points
Intersection located on a curve with posted warning or speed reduction sign	1 Point

Criteria No. 6: Speed Limit

All Intersection Control Types

Posted speed limit (highest on any approach to crossing) 25 mph or less	0 Points
Posted speed limit (highest on any approach to crossing) 26 mph to 30 mph	1 Point
Posted speed limit (highest on any approach to crossing) 31 mph to 35 mph	2 Points
Posted speed limit (highest on any approach to crossing) 36 mph to 40 mph	3 Points
Posted speed limit (highest on any approach to crossing) 41 mph to 45 mph	4 Points
Posted speed limit (highest on any approach to crossing) 50 mph or more	5 Points

Criteria No. 7: Other Factors

All Intersection Control Types

Use cumulative score (i.e. total for all factors with maximum total score of 4)

Ped-Vehicular accident history documented 1 Point

Multiple ingress-egress within 50 feet of crosswalk 1 Point

Crossing more than 4 lanes total (i.e. both directions) 1 Point

Other factor(s) documented/concurred by Public Works 1 Point ea.

Total Score
(Maximum Total = 4)

TAM Crossing Guard Program Location Scoring Criteria

Index	Criterion	Scoring	Score	Weight	Weighted Score
1	Actual vehicular volume crossing crosswalk as percent of qualifying volume (use highest hourly volume a.m. or p.m.)	One point, rounded to the nearest whole number, for each ten percentage points of maximum actual volume counted (hourly a.m. or p.m.) to applicable "qualifying volume." (Maximum of 20 points)		2	0
2	Actual school-aged pedestrian volume as percent of qualifying volume (use highest hourly volume a.m. or p.m., or combined a.m./p.m. volume depending on the type of intersection control)	One point, rounded to the nearest whole number, for each ten percentage points of maximum actual volume counted (a.m. or p.m. - hourly or combined a.m./p.m.) to applicable "qualifying volume." (Maximum of 20 points)		5	0
3	Intersection Skew Angle	Maximum skew from 0 to 5 degrees = 0 Maximum skew from 6 to 15 degrees = 1 point Maximum skew from 16 to 25 degrees = 2 points Maximum skew from 26 to 35 degrees = 3 points Maximum skew from 36 to 45 degrees = 4 points Maximum skew greater than 45 degrees = 5 points		1	0
4	Stopping Sight Distance at Intersection	Stopping sight distance not impaired = 0 Stopping sight distance slightly impaired = 1 point Stopping sight distance significantly impaired = 2 points		10	0
5	Location of intersection on a horizontal curve with posted warning or speed reduction sign(s)	No = 0 Yes = 1 point		5	0
6	Posted speed limit (highest on any approach to pedestrian crossing)	Posted Speed Limit 25 mph or less = 0 Posted Speed Limit 30 mph = 1 point Posted Speed Limit 35 mph = 2 points Posted Speed Limit 40 mph = 3 points Posted Speed Limit 45 mph = 4 points Posted Speed Limit 50 mph or greater = 5 points		2	0
7	Other factors	Use total score (i.e. total for all factors) (Maximum of 4 points total) Ped-Vehicular accident history documented = 1 point Multiple ingress-egress within 50 feet of crosswalk = 1 point Crossing more than 4 lanes total (i.e. both directions) = 1 point Other factor documented/concurred by Public Works = 1 point ea.		5	0
				Total	0

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CHAPTER 7D. CROSSING SUPERVISION

Section 7D.01 Types of Crossing Supervision

Support:

- 01 There are three types of school crossing supervision:
 - A. Adult control of pedestrians and vehicles by adult crossing guards,
 - B. Adult control of pedestrians and vehicles by uniformed law enforcement officers, and
 - C. Student and/or parent control of only pedestrians with student and/or parent patrols.
- 02 Information regarding the organization, administration, and operation of a school safety patrol program is contained in the "AAA School Safety Patrol Operations Manual" (see Section 1A.11).

Section 7D.02 Adult Crossing Guards

Option:

01 Adult crossing guards may be used to provide gaps in traffic at school crossings where an engineering study has shown that adequate gaps need to be created (see Section 7A.03), and where authorized by law.

02 Adult Crossing Guards may be assigned at designated school crossings to assist school pedestrians at specified hours when going to or from school. The following suggested policy for their assignment applies only to crossings.

Guidance:

03 *An Adult Crossing Guard should be considered when:*

- A. *Special situations make it necessary to assist elementary school pedestrians in crossing the street.*
- B. *A change in the school crossing location is being made, but prevailing conditions require school crossing supervision until the change is constructed and it is not reasonable to install another form of traffic control or technique for this period.*

Criteria for Adult Crossing Guards

Support:

04 Adult Crossing Guards normally are assigned where official supervision of school pedestrians is desirable while they cross a public highway, and at least 40 school pedestrians for each of any two hours (not necessarily consecutive) daily use the crossing while going to or from school.

Option:

05 Adult crossing guards may be used under the following conditions:

- 1. At uncontrolled crossings where there is no alternate controlled crossing within 600 feet; and
 - a. In urban areas where the vehicular traffic volume exceeds 350 during each of any two hours (not necessarily consecutive) in which 40 or more school pedestrians cross daily while going to or from school; or
 - b. In rural areas where the vehicular traffic volume exceeds 300 during each of any two hours (not necessarily consecutive) in which 30 or more school pedestrians cross daily while going to or from school.Whenever the critical (85th percentile) approach speed exceeds 40 mph, the guidelines for rural areas should be applied.
- 2. At stop sign-controlled crossing:
Where the vehicular traffic volumes on undivided highways of four or more lanes exceeds 500 per hour during any period when the school pedestrians are going to or from school.
- 3. At traffic signal-controlled crossings:
 - a. Where the number of vehicular turning movements through the school crosswalk exceeds 300 per hour while school pedestrians are going to or from school; or
 - b. Where justified through analysis of the operations of the intersection.

Legal Authority and Program Funding for Adult Crossing Guards

Option:

06 Cities and counties may designate local law enforcement agencies, the governing board of any school district or a county superintendent of schools to recruit and assign adult crossing guards to intersections that meet approved guidelines for adult supervision.

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Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data in Ranked Order												
Rank (1 - 150)	TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Notes
				Scoring Weight								
				2	5	1	10	5	2	5		
1	032	Bahia Way & Kerner Boulevard	San Rafael	Note 1	Note 1	1	0	0	0	1	Note 1	
2	003	Nova Albion Way at Vallecito School	San Rafael	Note 1	Note 1	0	0	0	0	0	Note 1	
3	042	Sir Francis Drake Boulevard & Oak Tree Lane	Fairfax	Note 1	Note 1	0	0	0	0	1	Note 1	
4	044	Center Road & Leland Drive	Novato	Note 1	Note 1	0	0	0	0	0	Note 1	
5	014	East Blithedale Avenue & Lomita Avenue	Mill Valley	Note 1	Note 1	2	0	0	2	1	Note 1	
6	046	Sutro Avenue & Dominic Drive	Novato	Note 1	Note 1	1	0	0	0	0	Note 1	
7	053	Paladini Road & Vineyard Road	Novato	Note 1	Note 1	0	0	0	0	0	Note 1	
8	016	East Strawberry Drive at Strawberry School	Marin County	Note 1	Note 1	0	0	0	0	1	Note 1	
9	121	Sir Francis Drake & Glen Drive	Fairfax	Note 1	Note 1	0	0	0	2	0	Note 1	
10	019	Camino Alto & Sycamore Avenue	Mill Valley	Note 1	Note 1	1	0	0	1	0	Note 1	
11	021	Tiburon Boulevard & Lyford Drive	Tiburon	Note 1	Note 1	2	0	0	2	0	Note 1	
12	119	Miller Avenue & Evergreen Avenue	Mill Valley	Note 1	Note 1	0	0	0	1	0	Note 1	
13	118	Woodland Avenue & Lindaro Street	San Rafael	Note 1	Note 1	0	0	0	0	0	Note 1	
14	123	Sutro Avenue (in front of Pleasant Vly Elementary)	Novato	Note 1	Note 1	0	0	0	0	0	Note 1	
15	027	Butterfield Road & Green Valley Court	San Anselmo	Note 1	Note 1	0	0	0	0	0	Note 1	
16	050	San Ramon Way & San Benito Way	Novato	Note 1	Note 1	0	0	0	0	0	Note 1	
17	036	177 North San Pedro Road	Santa Venitia	Note 1	Note 1	0	0	0	0	0	Note 1	
18	122	Miller Avenue & Almonte Boulevard	Mill Valley	20	20	0	0	0	3	0	146	
19	107	Sunset Parkway & Merritt Drive	Novato	20	20	1	0	0	0	0	141	
20	012	Doherty Drive & Rose Lane (East) (at Piper Park)	Larkspur	20	20	0	0	0	0	0	140	
21	068	Sunset Parkway & Ignacio Boulevard	Novato	12	20	0	0	0	2	1	133	
22	126	Shoreline Highway & Almonte Boulevard	Tamalpais Valley	14	18	0	0	0	2	2	132	
23	134	Ross Common (at Post Office)	Ross	14	20	0	0	0	0	0	128	

Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data in Ranked Order												
Rank (1 - 150)	TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Notes
				Scoring Weight								
				2	5	1	10	5	2	5		
24	035	Kerner Boulevard & Canal Street	San Rafael	5	20	4	0	0	0	1	119	
25	064	Lomita Drive (in front of Edna Maguire School)	Mill Valley	9	20	0	0	0	0	0	118	
26	020	Tiburon Boulevard & Avenida Mireflores	Tiburon	5	20	1	0	0	3	0	117	
27	057	Mohawk Avenue (in front of Neil Cummins School)	Corte Madera	5	20	0	0	0	0	1	115	
28	147	McAllister Avenue & Stadium Way	Kentfield	4	20	0	0	0	0	1	113	
29	007	College Avenue & Stadium Way	Kentfield	0	20	2	0	0	0	2	112	
30	108	Lovell Avenue & Old Mill Street	Mill Valley	6	20	0	0	0	0	0	112	
31	145	San Ramon Way & San Juan Court	Novato	6	20	0	0	0	0	0	112	
32	017	Bell Lane & Enterprise Concourse	Mill Valley	5	20	0	0	0	0	0	110	
33	034	Bahia Way at School Entrance	San Rafael	5	20	0	0	0	0	0	110	
34	039	5th Avenue & River Oaks Drive	San Rafael	4	20	2	0	0	0	0	110	
35	005	Sir Francis Drake Boulevard & Laurel Grove Avenue (East)	Kentfield	0	20	0	0	0	2	1	109	
36	052	Alameda De La Loma & Calle De La Mesa (East)	Novato	4	20	1	0	0	0	0	109	
37	142	Tiburon Boulevard & San Rafael Avenue	Tiburon	7	17	1	0	0	2	1	109	
38	023	Lagunitas Road & Allen Avenue	Ross	13	16	2	0	0	0	0	108	
39	061	Karen Way (in front of school)	Tiburon	4	20	0	0	0	0	0	108	
40	037	Knight Drive & Ashwood Court	San Rafael	13	16	0	0	0	0	0	106	
41	074	Hickory Avenue (near Mohawk Avenue)	Corte Madera	3	20	0	0	0	0	0	106	
42	137	Spindrift Passage & Prince Royal Passage	Corte Madera	3	20	0	0	0	0	0	106	
43	010	Larkspur Plaza Drive (Tam Racket Club) & Doherty Drive	Larkspur	0	20	0	0	0	0	1	105	
44	075	Magnolia Avenue & Wiltshire Avenue	Larkspur	20	11	1	0	0	0	1	101	
45	063	Las Gallinas Avenue & Elvia Court	San Rafael	10	16	0	0	0	0	0	100	
46	043	Center Road & Wilson Avenue	Novato	10	13	1	0	0	1	1	93	

Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data in Ranked Order												
Rank (1 - 150)	TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Notes
				Scoring Weight								
				2	5	1	10	5	2	5		
47	136	Tiburon Boulevard & Mar West Street	Tiburon	20	9	1	0	0	1	1	93	
48	015	Throckmorton Ave & Old Mill Street	Mill Valley	6	16	0	0	0	0	0	92	
49	087	Tiburon Boulevard & Stewart Drive	Tiburon	20	9	0	0	0	3	0	91	
50	113	Sir Francis Drake Boulevard & Manor Road	Kentfield	5	15	0	0	0	3	0	91	
51	143	South Novato Boulevard & Lark Court	Novato	20	8	0	0	0	3	1	91	
52	024	Lagunitas Road & Ross Common	Ross	14	12	1	0	0	0	0	89	
53	130	Shoreline Highway & Pine Hill Road	Tamalpais Valley	20	4	0	1	0	2	3	89	
54	022	Tiburon Boulevard & Trestle Glen Boulevard	Tiburon	5	13	2	0	1	3	0	88	
55	041	Oak Manor Drive (mid-block at school)	Fairfax	11	13	0	0	0	0	0	87	
56	054	Wilson Avenue & Vineyard Road	Novato	10	12	3	0	0	2	0	87	
57	077	East Blithedale Avenue & Elm Avenue	Mill Valley	0	14	2	0	0	0	2	82	
58	132	San Benito Way & San Ramon Way (south)	Novato	6	14	0	0	0	0	0	82	
59	001	Mt Shasta Drive & Idylberry Road	Lucas Valley	8	13	0	0	0	0	0	81	
60	048	South Novato Boulevard & Yukon Way	Novato	20	6	0	0	0	3	1	81	
61	124	Olive Avenue (in back of school)	Novato	14	10	0	0	0	0	0	78	
62	065	Sir Francis Drake Boulevard & Marinda Dr	Fairfax	20	7	0	0	0	1	0	77	
63	059	Butterfield Road & Rosemont Avenue (in front of School)	San Anselmo	20	7	0	0	0	0	0	75	
64	049	San Marin Drive & San Ramon Way	Novato	20	5	0	0	0	2	1	74	
65	062	Blackstone Drive & Las Gallinas Avenue	San Rafael	7	12	0	0	0	0	0	74	
66	114	Sir Francis Drake Boulevard & Bon Air Road	Kentfield	14	6	0	1	0	3	0	74	
67	070	Olema-Bolinas Road (in Front of School)	Bolinas	8	11	0	0	0	1	0	73	
68	106	Adams Street & Johnson Street	Novato	1	14	1	0	0	0	0	73	
69	109	Nova Albion Way & Montecillo Road	San Rafael	14	9	0	0	0	0	0	73	

Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data in Ranked Order												
Rank (1 - 150)	TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Notes
				Scoring Weight								
				2	5	1	10	5	2	5		
70	006	College Avenue & Woodland Avenue/Kent Avenue	Kentfield	15	7	0	0	0	0	1	70	
71	013	Magnolia Avenue & King Street	Larkspur	20	6	0	0	0	0	0	70	
72	082	Tiburon Boulevard & East Strawberry Drive	Marin County	6	6	0	1	0	4	2	70	
73	127	Redwood Highway & Southbound Seminary Drive Ramp	Mill Valley	20	4	1	0	0	2	1	70	
74	009	Sir Francis Drake Boulevard & College Avenue	Kentfield	14	7	2	0	0	2	0	69	
75	101	One Main Gate Road at School	Novato	17	7	0	0	0	0	0	69	
76	040	Happy Lane & 5th Avenue	San Rafael	6	11	1	0	0	0	0	68	
77	078	Ricardo Lane & East Strawberry Drive	Marin County	6	10	1	0	0	0	1	68	
78	128	Redwood Highway & DeSilva Drive (at POC)	Marin County	6	6	2	1	1	2	1	68	
79	149	Blackfield Drive & Cecilia Way	Tiburon	16	6	1	0	0	0	1	68	
80	002	Las Gallinas Avenue & Miller Creek Road	San Rafael	6	11	0	0	0	0	0	67	
81	110	Belle Avenue (in front of school)	San Rafael	6	11	0	0	0	0	0	67	
82	117	East Blithedale Avenue & Buena Vista Avenue	Mill Valley	15	5	2	0	0	0	2	67	
83	086	Tiburon Boulevard & Kleinert Way/Ned's Way	Tiburon	20	4	0	0	0	3	0	66	
84	093	Woodland Avenue & Eva Street	San Rafael	10	8	0	0	0	0	1	65	
85	094	Woodland Avenue & Lovell Avenue	San Rafael	3	11	3	0	0	0	0	64	
86	146	Almonte Boulevard & Rosemont Avenue	Tamalpais Valley	20	3	0	0	0	2	1	64	
87	011	Corte Madera Avenue & Tamalpais Drive (& Redwood)	Corte Madera	16	6	1	0	0	0	0	63	
88	102	Wilson Avenue at X-walk to field	Novato	9	8	0	0	0	0	1	63	
89	079	Gibson Avenue & Shoreline Highway	Tamalpais Valley	1	10	1	0	0	2	1	62	
90	004	Nova Albion Way & Arias Street	San Rafael	3	11	0	0	0	0	0	61	
91	045	South Novato Boulevard & Sunset Pkwy	Novato	6	8	0	0	0	2	1	61	
92	066	Ross Avenue & Kensington Road	San Anselmo	3	11	0	0	0	0	0	61	

Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data in Ranked Order												
Rank (1 - 150)	TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Notes
				Scoring Weight								
				2	5	1	10	5	2	5		
93	033	North San Pedro Road & Roosevelt Avenue	Santa Venitia	20	4	0	0	0	0	0	60	
94	055	West Castlewood Drive & Knight Drive	San Rafael	9	8	2	0	0	0	0	60	
95	071	Marinwood Avenue & Miller Creek Road	San Rafael	20	3	0	0	0	0	1	60	
96	104	Center Road & Tamalpais Avenue	Novato	9	8	0	0	0	1	0	60	
97	018	Tiburon Boulevard & Blackfield Drive	Tiburon	7	9	0	0	0	0	0	59	
98	089	Woodland Avenue (at back of Wade Thomas school)	San Anselmo	2	11	0	0	0	0	0	59	
99	060	Sunset Parkway & Lynwood Drive	Novato	6	9	0	0	0	0	0	57	
100	026	Sir Francis Drake Boulevard & Oak Manor Drive	Fairfax	5	9	1	0	0	0	0	56	
101	084	Richmond Road & Belle Avenue	San Anselmo	2	10	0	0	0	0	0	54	
102	116	Golden Hind Passage (in front of school)	Corte Madera	5	8	2	0	0	0	0	52	
103	120	San Marin Drive & San Carlos Way	Novato	20	1	0	0	0	1	1	52	
104	025	Sir Francis Drake Boulevard & Lagunitas Road	Ross	4	7	1	0	0	1	1	51	
105	028	Sir Francis Drake Boulevard & Broadmoor Avenue	San Anselmo	3	6	1	1	0	1	0	49	
106	140	Shoreline Highway (in front of West Marin School)	Point Reyes Station	14	4	0	0	0	0	0	48	
107	091	Sir Francis Drake Boulevard & Saunders Avenue	San Anselmo	20	1	0	0	0	1	0	47	
108	105	Center Road & Diablo Avenue	Novato	12	4	0	0	0	1	0	46	
109	129	Marin Street & Bayview Street	San Rafael	3	8	0	0	0	0	0	46	
110	095	Racquet Club Drive & 5th Avenue	San Rafael	16	2	3	0	0	0	0	45	
111	112	Grand Avenue & Jewell Street	San Rafael	15	2	3	0	0	0	0	43	
112	138	Arthur Street & Hayes Street	Novato	18	1	0	0	0	1	0	43	
113	030	Sir Francis Drake Boulevard & Tamal Avenue	San Anselmo	0	7	0	0	0	1	1	42	
114	067	Sir Francis Drake Boulevard & Butterfield Road	San Anselmo	0	8	0	0	0	1	0	42	
115	088	Blackfield Drive & Karen Way	Tiburon	6	6	0	0	0	0	0	42	

Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data in Ranked Order												
Rank (1 - 150)	TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Notes
				Scoring Weight								
				2	5	1	10	5	2	5		
116	097	Bellam Boulevard & I-580 on ramp	San Rafael	16	1	1	0	0	2	0	42	
117	081	Melrose Avenue & Evergreen Avenue	Tamalpais Valley	5	5	1	0	0	0	1	41	
118	133	Arthur Street & Taft Court/Tyler Street	Novato	13	3	0	0	0	0	0	41	
119	008	Sir Francis Drake Boulevard & Wolfe Grade	Kentfield	0	6	1	0	0	2	1	40	
120	047	Arthur Street & Cambridge Street	Novato	14	2	0	0	0	0	0	38	
121	141	Arias Street & Trellis Drive	San Rafael	9	4	0	0	0	0	0	38	
122	148	Avenida Mireflores & Hilary Drive	Tiburon	9	2	0	0	0	0	2	38	
123	139	Sutro Avenue & Center Road	Novato	6	5	0	0	0	0	0	37	
124	056	Avenida Mireflores at School	Tiburon	10	2	0	0	0	0	1	35	
125	080	Montford Avenue & Melrose Avenue	Tamalpais Valley	5	3	0	1	0	0	0	35	
126	135	Paradise Drive & Seawolf Passage	Corte Madera	1	6	1	0	0	1	0	35	
127	103	End of Tinker Way	Novato	2	6	0	0	0	0	0	34	
128	125	Wilson Avenue & Hansen Road	Novato	10	1	0	0	0	2	1	34	
129	058	Tamalpais Drive & Eastman Avenue	Corte Madera	0	5	0	0	0	1	1	32	
130	038	Woodland Avenue & Siebel Street	San Rafael	10	2	1	0	0	0	0	31	
131	098	Bellam Boulevard & I-580 off ramp	San Rafael	11	1	0	0	0	2	0	31	
132	072	Nova Albion Way & Las Gallinas Avenue	San Rafael	9	2	0	0	0	0	0	28	
133	131	Kleinert Way & Neds Avenue	Tiburon	6	2	0	0	0	0	1	27	
134	144	Main Gate Road & C Street	Novato	5	3	0	0	0	1	0	27	
135	111	Lincoln Avenue & Paloma Avenue	San Rafael	0	4	0	0	0	2	0	24	Note 3
136	029	Sir Francis Drake Boulevard & Bolinas Avenue	San Anselmo	3	2	0	0	0	1	1	23	
137	099	Bellam Boulevard & Anderson Drive	San Rafael	2	1	1	0	0	2	0	14	
138	150	Trumbull Avenue & Vineyard Road	Novato	6	0	2	0	0	0	0	14	

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Rank (1 - 150)	TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Notes
				Scoring Weight								
				2	5	1	10	5	2	5		
139	100	Olive Avenue & Summers Avenue	Novato	1	2	1	0	0	0	0	13	
140	096	Bellam Boulevard & Francisco Boulevard East	San Rafael	0	1	1	0	0	0	1	11	Note 3
141	051	Diablo Avenue & Hotchkin Drive	Novato	0	1	0	0	0	0	0	5	
142	083	Evergreen Avenue & Ethel Avenue	Tamalpais Valley	Note 2	Note 2	0	0	0	0	0	Note 2	
143	073	Sir Francis Drake Boulevard & Meadow Way	San Geronimo	Note 2	Note 2	0	0	0	2	0	Note 2	
144	115	Sir Francis Drake Boulevard & South Eliseo Drive	Kentfield	Note 2	Note 2	2	0	0	3	0	Note 2	
145	085	Richmond Road & Mariposa Avenue	San Anselmo	Note 2	Note 2	0	0	0	0	0	Note 2	
146	031	Sir Francis Drake Boulevard & Barber Avenue/Ross Avenue	San Anselmo	Note 2	Note 2	0	0	0	0	0	Note 2	
147	069	Olema-Bolinas Road & Mesa Road	Bolinas	Note 2	Note 2	1	0	1	2	0	Note 2	
148	092	Sequoia Drive & Red Hill Avenue (Miracle Mile)	San Anselmo	Note 2	Note 2	0	0	0	2	0	Note 2	
149	090	Sir Francis Drake Boulevard & Aspen Court	San Anselmo	Note 2	Note 2	0	0	0	1	0	Note 2	
150	076	Harvard Avenue & Wellesley Avenue	Tamalpais Valley	Note 2	Note 2	1	0	0	0	0	Note 2	

Notes:

- 1) Location ranked above 30 in 2012 and 2014 lists - no volume data collected in 2017 recertification process (shown in order of 2014 ranking)
- 2) Location ranked below 110 in 2012 and 2014 lists - no volume data collected in 2017 recertification process (shown in order of 2014 ranking)
- 3) Location ranked below 110 in 2012 and 2014 lists - local jurisdiction requested new volume data and scoring

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Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data by Site No.												
Updated:	January 11, 2018											
TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Rank (1 - 150)	Notes
			Scoring Weight									
			2	5	1	10	5	2	5			
001	Mt Shasta Drive & Idylberry Road	Lucas Valley	8	13	0	0	0	0	0	81	59	
002	Las Gallinas Avenue & Miller Creek Road	San Rafael	6	11	0	0	0	0	0	67	80	
003	Nova Albion Way at Vallecito School	San Rafael	Note 1	Note 1	0	0	0	0	0	Note 1	2	
004	Nova Albion Way & Arias Street	San Rafael	3	11	0	0	0	0	0	61	90	
005	Sir Francis Drake Boulevard & Laurel Grove Avenue (East)	Kentfield	0	20	0	0	0	2	1	109	35	
006	College Avenue & Woodland Avenue/Kent Avenue	Kentfield	15	7	0	0	0	0	1	70	70	
007	College Avenue & Stadium Way	Kentfield	0	20	2	0	0	0	2	112	29	
008	Sir Francis Drake Boulevard & Wolfe Grade	Kentfield	0	6	1	0	0	2	1	40	119	
009	Sir Francis Drake Boulevard & College Avenue	Kentfield	14	7	2	0	0	2	0	69	74	
010	Larkspur Plaza Drive (Tam Racket Club) & Doherty Drive	Larkspur	0	20	0	0	0	0	1	105	43	
011	Corte Madera Avenue & Tamalpais Drive (& Redwood)	Corte Madera	16	6	1	0	0	0	0	63	87	
012	Doherty Drive & Rose Lane (East) (at Piper Park)	Larkspur	20	20	0	0	0	0	0	140	20	
013	Magnolia Avenue & King Street	Larkspur	20	6	0	0	0	0	0	70	71	
014	East Blithedale Avenue & Lomita Avenue	Mill Valley	Note 1	Note 1	2	0	0	2	1	Note 1	5	
015	Throckmorton Ave & Old Mill Street	Mill Valley	6	16	0	0	0	0	0	92	48	
016	East Strawberry Drive at Strawberry School	Marin County	Note 1	Note 1	0	0	0	0	1	Note 1	8	
017	Bell Lane & Enterprise Concourse	Mill Valley	5	20	0	0	0	0	0	110	32	
018	Tiburon Boulevard & Blackfield Drive	Tiburon	7	9	0	0	0	0	0	59	97	
019	Camino Alto & Sycamore Avenue	Mill Valley	Note 1	Note 1	1	0	0	1	0	Note 1	10	
020	Tiburon Boulevard & Avenida Mireflores	Tiburon	5	20	1	0	0	3	0	117	26	
021	Tiburon Boulevard & Lyford Drive	Tiburon	Note 1	Note 1	2	0	0	2	0	Note 1	11	
022	Tiburon Boulevard & Trestle Glen Boulevard	Tiburon	5	13	2	0	1	3	0	88	54	
023	Lagunitas Road & Allen Avenue	Ross	13	16	2	0	0	0	0	108	38	

Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data by Site No.												
Updated:	January 11, 2018											
TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Rank (1 - 150)	Notes
			Scoring Weight									
			2	5	1	10	5	2	5			
024	Lagunitas Road & Ross Common	Ross	14	12	1	0	0	0	0	89	52	
025	Sir Francis Drake Boulevard & Lagunitas Road	Ross	4	7	1	0	0	1	1	51	104	
026	Sir Francis Drake Boulevard & Oak Manor Drive	Fairfax	5	9	1	0	0	0	0	56	100	
027	Butterfield Road & Green Valley Court	San Anselmo	Note 1	Note 1	0	0	0	0	0	Note 1	15	
028	Sir Francis Drake Boulevard & Broadmoor Avenue	San Anselmo	3	6	1	1	0	1	0	49	105	
029	Sir Francis Drake Boulevard & Bolinas Avenue	San Anselmo	3	2	0	0	0	1	1	23	136	
030	Sir Francis Drake Boulevard & Tamal Avenue	San Anselmo	0	7	0	0	0	1	1	42	113	
031	Sir Francis Drake Boulevard & Barber Avenue/Ross Avenue	San Anselmo	Note 2	Note 2	0	0	0	0	0	Note 2	146	
032	Bahia Way & Kerner Boulevard	San Rafael	Note 1	Note 1	1	0	0	0	1	Note 1	1	
033	North San Pedro Road & Roosevelt Avenue	Santa Venitia	20	4	0	0	0	0	0	60	93	
034	Bahia Way at School Entrance	San Rafael	5	20	0	0	0	0	0	110	33	
035	Kerner Boulevard & Canal Street	San Rafael	5	20	4	0	0	0	1	119	24	
036	177 North San Pedro Road	Santa Venitia	Note 1	Note 1	0	0	0	0	0	Note 1	17	
037	Knight Drive & Ashwood Court	San Rafael	13	16	0	0	0	0	0	106	40	
038	Woodland Avenue & Siebel Street	San Rafael	10	2	1	0	0	0	0	31	130	
039	5th Avenue & River Oaks Drive	San Rafael	4	20	2	0	0	0	0	110	34	
040	Happy Lane & 5th Avenue	San Rafael	6	11	1	0	0	0	0	68	76	
041	Oak Manor Drive (mid-block at school)	Fairfax	11	13	0	0	0	0	0	87	55	
042	Sir Francis Drake Boulevard & Oak Tree Lane	Fairfax	Note 1	Note 1	0	0	0	0	1	Note 1	3	
043	Center Road & Wilson Avenue	Novato	10	13	1	0	0	1	1	93	46	
044	Center Road & Leland Drive	Novato	Note 1	Note 1	0	0	0	0	0	Note 1	4	
045	South Novato Boulevard & Sunset Pkwy	Novato	6	8	0	0	0	2	1	61	91	
046	Sutro Avenue & Dominic Drive	Novato	Note 1	Note 1	1	0	0	0	0	Note 1	6	

Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data by Site No.												
Updated:	January 11, 2018											
TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Rank (1 - 150)	Notes
			Scoring Weight									
			2	5	1	10	5	2	5			
047	Arthur Street & Cambridge Street	Novato	14	2	0	0	0	0	0	38	120	
048	South Novato Boulevard & Yukon Way	Novato	20	6	0	0	0	3	1	81	60	
049	San Marin Drive & San Ramon Way	Novato	20	5	0	0	0	2	1	74	64	
050	San Ramon Way & San Benito Way	Novato	Note 1	Note 1	0	0	0	0	0	Note 1	16	
051	Diablo Avenue & Hotchkin Drive	Novato	0	1	0	0	0	0	0	5	141	
052	Alameda De La Loma & Calle De La Mesa (East)	Novato	4	20	1	0	0	0	0	109	36	
053	Paladini Road & Vineyard Road	Novato	Note 1	Note 1	0	0	0	0	0	Note 1	7	
054	Wilson Avenue & Vineyard Road	Novato	10	12	3	0	0	2	0	87	56	
055	West Castlewood Drive & Knight Drive	San Rafael	9	8	2	0	0	0	0	60	94	
056	Avenida Mireflores at School	Tiburon	10	2	0	0	0	0	1	35	124	
057	Mohawk Avenue (in front of Neil Cummins School)	Corte Madera	5	20	0	0	0	0	1	115	27	
058	Tamalpais Drive & Eastman Avenue	Corte Madera	0	5	0	0	0	1	1	32	129	
059	Butterfield Road & Rosemont Avenue (in front of School)	San Anselmo	20	7	0	0	0	0	0	75	63	
060	Sunset Parkway & Lynwood Drive	Novato	6	9	0	0	0	0	0	57	99	
061	Karen Way (in front of school)	Tiburon	4	20	0	0	0	0	0	108	39	
062	Blackstone Drive & Las Gallinas Avenue	San Rafael	7	12	0	0	0	0	0	74	65	
063	Las Gallinas Avenue & Elvia Court	San Rafael	10	16	0	0	0	0	0	100	45	
064	Lomita Drive (in front of Edna Maguire School)	Mill Valley	9	20	0	0	0	0	0	118	25	
065	Sir Francis Drake Boulevard & Marinda Dr	Fairfax	20	7	0	0	0	1	0	77	62	
066	Ross Avenue & Kensington Road	San Anselmo	3	11	0	0	0	0	0	61	92	
067	Sir Francis Drake Boulevard & Butterfield Road	San Anselmo	0	8	0	0	0	1	0	42	114	
068	Sunset Parkway & Ignacio Boulevard	Novato	12	20	0	0	0	2	1	133	21	
069	Olema-Bolinas Road & Mesa Road	Bolinas	Note 2	Note 2	1	0	1	2	0	Note 2	147	

Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data by Site No.												
Updated:	January 11, 2018											
TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Rank (1 - 150)	Notes
			Scoring Weight									
			2	5	1	10	5	2	5			
070	Olema-Bolinas Road (in Front of School)	Bolinas	8	11	0	0	0	1	0	73	67	
071	Marinwood Avenue & Miller Creek Road	San Rafael	20	3	0	0	0	0	1	60	95	
072	Nova Albion Way & Las Gallinas Avenue	San Rafael	9	2	0	0	0	0	0	28	132	
073	Sir Francis Drake Boulevard & Meadow Way	San Geronimo	Note 2	Note 2	0	0	0	2	0	Note 2	143	
074	Hickory Avenue (near Mohawk Avenue)	Corte Madera	3	20	0	0	0	0	0	106	41	
075	Magnolia Avenue & Wiltshire Avenue	Larkspur	20	11	1	0	0	0	1	101	44	
076	Harvard Avenue & Wellesley Avenue	Tamalpais Valley	Note 2	Note 2	1	0	0	0	0	Note 2	150	
077	East Blithedale Avenue & Elm Avenue	Mill Valley	0	14	2	0	0	0	2	82	57	
078	Ricardo Lane & East Strawberry Drive	Marin County	6	10	1	0	0	0	1	68	77	
079	Gibson Avenue & Shoreline Highway	Tamalpais Valley	1	10	1	0	0	2	1	62	89	
080	Montford Avenue & Melrose Avenue	Tamalpais Valley	5	3	0	1	0	0	0	35	125	
081	Melrose Avenue & Evergreen Avenue	Tamalpais Valley	5	5	1	0	0	0	1	41	117	
082	Tiburon Boulevard & East Strawberry Drive	Marin County	6	6	0	1	0	4	2	70	72	
083	Evergreen Avenue & Ethel Avenue	Tamalpais Valley	Note 2	Note 2	0	0	0	0	0	Note 2	142	
084	Richmond Road & Belle Avenue	San Anselmo	2	10	0	0	0	0	0	54	101	
085	Richmond Road & Mariposa Avenue	San Anselmo	Note 2	Note 2	0	0	0	0	0	Note 2	145	
086	Tiburon Boulevard & Kleinert Way/Ned's Way	Tiburon	20	4	0	0	0	3	0	66	83	
087	Tiburon Boulevard & Stewart Drive	Tiburon	20	9	0	0	0	3	0	91	49	
088	Blackfield Drive & Karen Way	Tiburon	6	6	0	0	0	0	0	42	115	
089	Woodland Avenue (at back of Wade Thomas school)	San Anselmo	2	11	0	0	0	0	0	59	98	
090	Sir Francis Drake Boulevard & Aspen Court	San Anselmo	Note 2	Note 2	0	0	0	1	0	Note 2	149	
091	Sir Francis Drake Boulevard & Saunders Avenue	San Anselmo	20	1	0	0	0	1	0	47	107	
092	Sequoia Drive & Red Hill Avenue (Miracle Mile)	San Anselmo	Note 2	Note 2	0	0	0	2	0	Note 2	148	

Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data by Site No.												
Updated:	January 11, 2018											
TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Rank (1 - 150)	Notes
			Scoring Weight									
			2	5	1	10	5	2	5			
093	Woodland Avenue & Eva Street	San Rafael	10	8	0	0	0	0	1	65	84	
094	Woodland Avenue & Lovell Avenue	San Rafael	3	11	3	0	0	0	0	64	85	
095	Racquet Club Drive & 5th Avenue	San Rafael	16	2	3	0	0	0	0	45	110	
096	Bellam Boulevard & Francisco Boulevard East	San Rafael	0	1	1	0	0	0	1	11	140	Note 3
097	Bellam Boulevard & I-580 on ramp	San Rafael	16	1	1	0	0	2	0	42	116	
098	Bellam Boulevard & I-580 off ramp	San Rafael	11	1	0	0	0	2	0	31	131	
099	Bellam Boulevard & Anderson Drive	San Rafael	2	1	1	0	0	2	0	14	137	
100	Olive Avenue & Summers Avenue	Novato	1	2	1	0	0	0	0	13	139	
101	One Main Gate Road at School	Novato	17	7	0	0	0	0	0	69	75	
102	Wilson Avenue at X-walk to field	Novato	9	8	0	0	0	0	1	63	88	
103	End of Tinker Way	Novato	2	6	0	0	0	0	0	34	127	
104	Center Road & Tamalpais Avenue	Novato	9	8	0	0	0	1	0	60	96	
105	Center Road & Diablo Avenue	Novato	12	4	0	0	0	1	0	46	108	
106	Adams Street & Johnson Street	Novato	1	14	1	0	0	0	0	73	68	
107	Sunset Parkway & Merritt Drive	Novato	20	20	1	0	0	0	0	141	19	
108	Lovell Avenue & Old Mill Street	Mill Valley	6	20	0	0	0	0	0	112	30	
109	Nova Albion Way & Montecillo Road	San Rafael	14	9	0	0	0	0	0	73	69	
110	Belle Avenue (in front of school)	San Rafael	6	11	0	0	0	0	0	67	81	
111	Lincoln Avenue & Paloma Avenue	San Rafael	0	4	0	0	0	2	0	24	135	Note 3
112	Grand Avenue & Jewell Street	San Rafael	15	2	3	0	0	0	0	43	111	
113	Sir Francis Drake Boulevard & Manor Road	Kentfield	5	15	0	0	0	3	0	91	50	
114	Sir Francis Drake Boulevard & Bon Air Road	Kentfield	14	6	0	1	0	3	0	74	66	
115	Sir Francis Drake Boulevard & South Eliseo Drive	Kentfield	Note 2	Note 2	2	0	0	3	0	Note 2	144	

Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data by Site No.												
Updated:	January 11, 2018											
TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Rank (1 - 150)	Notes
			Scoring Weight									
			2	5	1	10	5	2	5			
116	Golden Hind Passage (in front of school)	Corte Madera	5	8	2	0	0	0	0	52	102	
117	East Blithedale Avenue & Buena Vista Avenue	Mill Valley	15	5	2	0	0	0	2	67	82	
118	Woodland Avenue & Lindaro Street	San Rafael	Note 1	Note 1	0	0	0	0	0	Note 1	13	
119	Miller Avenue & Evergreen Avenue	Mill Valley	Note 1	Note 1	0	0	0	1	0	Note 1	12	
120	San Marin Drive & San Carlos Way	Novato	20	1	0	0	0	1	1	52	103	
121	Sir Francis Drake & Glen Drive	Fairfax	Note 1	Note 1	0	0	0	2	0	Note 1	9	
122	Miller Avenue & Almonte Boulevard	Mill Valley	20	20	0	0	0	3	0	146	18	
123	Sutro Avenue (in front of Pleasant Vly Elementary)	Novato	Note 1	Note 1	0	0	0	0	0	Note 1	14	
124	Olive Avenue (in back of school)	Novato	14	10	0	0	0	0	0	78	61	
125	Wilson Avenue & Hansen Road	Novato	10	1	0	0	0	2	1	34	128	
126	Shoreline Highway & Almonte Boulevard	Tamalpais Valley	14	18	0	0	0	2	2	132	22	
127	Redwood Highway & Southbound Seminary Drive Ramp	Mill Valley	20	4	1	0	0	2	1	70	73	
128	Redwood Highway & DeSilva Drive (at POC)	Marin County	6	6	2	1	1	2	1	68	78	
129	Marin Street & Bayview Street	San Rafael	3	8	0	0	0	0	0	46	109	
130	Shoreline Highway & Pine Hill Road	Tamalpais Valley	20	4	0	1	0	2	3	89	53	
131	Kleinert Way & Neds Avenue	Tiburon	6	2	0	0	0	0	1	27	133	
132	San Benito Way & San Ramon Way (south)	Novato	6	14	0	0	0	0	0	82	58	
133	Arthur Street & Taft Court/Tyler Street	Novato	13	3	0	0	0	0	0	41	118	
134	Ross Common (at Post Office)	Ross	14	20	0	0	0	0	0	128	23	
135	Paradise Drive & Seawolf Passage	Corte Madera	1	6	1	0	0	1	0	35	126	
136	Tiburon Boulevard & Mar West Street	Tiburon	20	9	1	0	0	1	1	93	47	
137	Spindrift Passage & Prince Royal Passage	Corte Madera	3	20	0	0	0	0	0	106	42	
138	Arthur Street & Hayes Street	Novato	18	1	0	0	0	1	0	43	112	

Master List of TAM Crossing Guard Program Locations with 2017 Scoring Data by Site No.												
Updated:	January 11, 2018											
TAM Site No.	Location	City/Community	Crit. No. 1 (Veh. Volume)	Crit. No. 2 (Ped. Volume)	Crit. No. 3 (Skew Angle)	Crit. No. 4 (Stopping Sight Distance)	Crit. No. 5 (Horiz. Curve)	Crit. No. 6 (Speed Limit)	Crit. No. 7 (Other Factors)	Weighted Score	Rank (1 - 150)	Notes
			Scoring Weight									
			2	5	1	10	5	2	5			
139	Sutro Avenue & Center Road	Novato	6	5	0	0	0	0	0	37	123	
140	Shoreline Highway (in front of West Marin School)	Point Reyes Station	14	4	0	0	0	0	0	48	106	
141	Arias Street & Trellis Drive	San Rafael	9	4	0	0	0	0	0	38	121	
142	Tiburon Boulevard & San Rafael Avenue	Tiburon	7	17	1	0	0	2	1	109	37	
143	South Novato Boulevard & Lark Court	Novato	20	8	0	0	0	3	1	91	51	
144	Main Gate Road & C Street	Novato	5	3	0	0	0	1	0	27	134	
145	San Ramon Way & San Juan Court	Novato	6	20	0	0	0	0	0	112	31	
146	Almonte Boulevard & Rosemont Avenue	Tamalpais Valley	20	3	0	0	0	2	1	64	86	
147	McAllister Avenue & Stadium Way	Kentfield	4	20	0	0	0	0	1	113	28	
148	Avenida Mireflores & Hilary Drive	Tiburon	9	2	0	0	0	0	2	38	122	
149	Blackfield Drive & Cecilia Way	Tiburon	16	6	1	0	0	0	1	68	79	
150	Trumbull Avenue & Vineyard Road	Novato	6	0	2	0	0	0	0	14	138	

Notes:

- 1) Location ranked above 30 in 2012 and 2014 lists - no volume data collected in 2017 recertification process (shown in order of 2014 ranking)
- 2) Location ranked below 110 in 2012 and 2014 lists - no volume data collected in 2017 recertification process (shown in order of 2014 ranking)
- 3) Location ranked below 110 in 2012 and 2014 lists - local jurisdiction requested new volume data and scoring

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TAM Crossing Guard Program - 2017 Rankings with Ranking History

2017 Rank	TAM Site No.	Location	City/Community	2014 Rank	2017 Recert. Category	Notes
1	032	Bahia Way & Kerner Blvd	San Rafael	1	A	Note 1
2	003	Nova Albion Way at Vallecito School	San Rafael	3	A	Note 1
3	042	Sir Francis Drake Blvd & Oak Tree Lane	Fairfax	5	A	Note 1
4	044	Center Rd & Leland Dr	Novato	8	A	Note 1
5	014	E Blithedale & Lomita Ave	Mill Valley	9	A	Note 1
6	046	Sutro Ave & Dominic Dr	Novato	10	A	Note 1
7	053	Paladini & Vineyard	Novato	11	A	Note 1
8	016	E Strawberry Dr at Strawberry School	Marin County	14	A	Note 1
9	121	Sir Francis Drake & Glen Dr	Fairfax	16	A	Note 1
10	19	Camino Alto & Sycamore Ave	Mill Valley	18	A	Note 1
11	021	Tiburon Blvd & Lyford Dr	Tiburon	20	A	Note 1
12	119	Miller Ave & Evergreen Ave	Mill Valley	21	A	Note 1
13	118	Woodland Ave & Lindaro St	San Rafael	23	A	Note 1
14	123	Sutro Ave (in front of Pleasant Vly Elementary)	Novato	24	A	Note 1
15	027	Butterfield Rd & Green Valley Court	Sleepy Hollow	26	A	Note 1
16	050	San Ramon Way & San Benito Way	Novato	28	A	Note 1
17	036	177 N San Pedro Road	Santa Venitia	30	A	Note 1
18	122	Miller Ave & Almonte Blvd	Mill Valley	36	A	
19	107	Sunset Parkway & Merritt Dr	Novato	2	A	
20	012	Doherty Dr at Piper Park Crosswalk	Larkspur	4	A	
21	068	Sunset Pkwy & Ignacio Blvd	Novato	12	A	
22	126	Shoreline Hwy & Almonte Blvd	Tamalpais Valley	65	A	
23	134	Ross Common (at Post Office)	Ross	22	A	Note 4
24	035	Kerner Blvd & Canal St	San Rafael	33	A	
25	064	Lomita Dr (in front of Edna Maguire School)	Mill Valley	75	A	
26	020	Tiburon Blvd & Avenida Mireflores	Tiburon	53	A	
27	057	Mohawk (in front of Neil Cummins School)	Corte Madera	39	A	
28	147	McAllister Avenue and Stadium Way	Kentfield	NA	B	Note 5

TAM Crossing Guard Program - 2017 Rankings with Ranking History

2017 Rank	TAM Site No.	Location	City/Community	2014 Rank	2017 Recert. Category	Notes
29	007	College Ave & Stadium Way	Kentfield	50	A	
30	108	Lovell Ave & Old Mill St	Mill Valley	29	A	
31	145	San Ramon Way and San Juan Court	Novato	NA	B	Note 5
32	017	Bell Lane & Enterprise Concourse	Mill Valley	37	A	
33	034	Bahia Way at School Entrance	San Rafael	32	A	
34	039	5th Ave & River Oaks Dr	San Rafael	38	A	
35	005	Sir Francis Drake Blvd & Laurel Grove Ave	Kentfield	49	A	
36	052	Alameda De La Loma & Calle De La Mesa	Ignacio	56	A	
37	142	Tiburon Boulevard and San Rafael Avenue	Tiburon	NA	B	Note 5
38	023	Lagunitas & Allen Avenue	Ross	35	A	
39	061	Karen Way (in front of school)	Tiburon	43	A	
40	037	Knight Dr & Ashwood Ct	San Rafael	13	A	
41	074	Hickory Ave (near Mohawk)	Corte Madera	44	A	
42	137	Spindrift Passage & Prince Royal Passage	Corte Madera	60	A	Note 4
43	010	Tam Racket Club & Doherty Rd	Larkspur	42	A	
44	075	Magnolia Ave & Wiltshire Ave	Larkspur	66	A	
45	063	Las Gallinas & Elvia Ct	Marinwood	54	A	
46	043	Center Rd & Wilson Ave	Novato	31	A	
47	136	Tiburon Blvd & Mar West St	Tiburon	6	A	Note 4
48	015	Throckmorton Ave & Old Mill St	Mill Valley	74	A	
49	087	Tiburon Blvd & Stewart Dr	Tiburon	67	A	
50	113	Sir Francis Drake Blvd & Manor Rd	Kentfield	88	B	
51	143	South Novato Boulevard and Lark Court	Novato	NA	B	Note 5
52	024	Lagunitas & Ross Common	Ross	15	A	
53	130	Shoreline Highway & Pine Hill Road	Tamalpais Valley	41	A	Note 4
54	022	Tiburon Blvd & Trestle Glen	Tiburon	80	A	
55	041	Oak Manor (mid-block at school)	Fairfax	17	A	
56	054	Wilson & Vineyard	Novato	25	A	
57	077	E Blithedale & Elm Ave	Mill Valley	70	C	

TAM Crossing Guard Program - 2017 Rankings with Ranking History

2017 Rank	TAM Site No.	Location	City/Community	2014 Rank	2017 Recert. Category	Notes
58	132	San Benito Way & San Ramon Way (south)	Novato	52	C	Note 4
59	001	Mt Shasta & Idylberry	Lucas Valley	68	C	
60	048	S Novato Blvd & Yukon Way	Novato	77	C	
61	124	Olive Avenue (in back of school)	Novato	48	C	
62	065	Sir Francis Drake Blvd & Marinda Dr	Fairfax	7	C	
63	059	Butterfield Rd (in front of School)	San Anselmo	61	C	
64	049	San Marin Dr & San Ramon Way	Novato	85	D	
65	062	Blackstone & Las Gallinas	Marinwood	86	D	
66	114	Sir Francis Drake Blvd & Bon Air Rd	Kentfield	90	D	
67	070	Olema-Bolinas Road (in front of school)	Bolinas	59	C	
68	106	Adams St & Johnson St	Novato	47	C	
69	109	Nova Albion & Monticello	San Rafael	109	D	
70	006	College Ave & Woodland Ave (East Side)	Kentfield	58	C	
71	013	Magnolia Ave & King St	Larkspur	45	C	
72	082	Tiburon Blvd & E Strawberry Dr	Marin County	92	D	
73	127	Redwood Hwy & S.B. Seminary Dr Ramp	Mill Valley	63	C	
74	009	Sir Francis Drake Blvd & College Ave	Kentfield	71	C	
75	101	One Main Gate Road at School	Novato	19	C	
76	040	Happy Lane & 5th Ave	San Rafael	40	C	
77	078	Ricardo Ln & E Strawberry Dr	Marin County	78	C	
78	128	Redwood Hwy & DeSilva Dr (at POC)	Marin County	137	D	
79	149	Blackfield Drive & Cecilia Way	Tiburon	NA	D	Note 5
80	002	Las Gallinas & Miller Creek Rd	Marinwood	62	C	
81	110	Belle Ave (in front of school)	San Rafael	51	C	
82	117	E Blithedale & Buena Vista Ave	Mill Valley	84	D	
83	086	Tiburon Blvd & Kleinert Way	Tiburon	57	E	
84	093	Woodland Ave & Eva	San Rafael	96	F	
85	094	Woodland Ave & Lovell Ave	San Rafael	94	F	
86	146	Almonte Boulevard and Rosemont Avenue	Tamalpais Valley	NA	F	Note 5

TAM Crossing Guard Program - 2017 Rankings with Ranking History

2017 Rank	TAM Site No.	Location	City/Community	2014 Rank	2017 Recert. Category	Notes
87	011	Corte Madera & Tamalpais Dr (& Redwood)	Corte Madera	128	F	
88	102	Wilson Ave at X-walk to field	Novato	55	E	
89	079	Gibson & Shoreline	Tamalpais Valley	87	F	
90	004	Nova Albion Way & Arias Street	San Rafael	64	E	
91	045	S Novato Blvd & Sunset Pkwy	Novato	83	F	
92	066	Ross & Kensington	San Anselmo	108	F	
93	033	N San Pedro & Roosevelt	Santa Venitia	72	E	
94	055	W Castlewood Dr & Knight Dr	San Rafael	99	F	
95	071	Marinwood Ave & Miller Creek Rd	Marinwood	105	F	
96	104	Center Rd & Tamalpais Ave	Novato	73	E	
97	018	Tiburon Blvd & Blackfield Dr	Tiburon	27	E	
98	089	Woodland (at back entrance of school)	San Anselmo	117	F	
99	060	Sunset Pkwy & Lynwood Dr	Novato	34	E	
100	026	Sir Francis Drake Blvd & Oak Manor	Fairfax	120	F	
101	084	Richmond & Belle	San Anselmo	100	F	
102	116	Golden Hind Passage (in front of school)	Corte Madera	112	F	
103	120	San Marin Dr & San Carlos Way	Novato	93	F	
104	025	Sir Francis Drake Blvd & Lagunitas	Ross	91	F	
105	028	Sir Francis Drake Blvd & Broadmoor Ave	San Anselmo	121	F	
106	140	Shoreline Highway (in front of West Marin School)	Point Reyes Station	NA	F	Note 5
107	091	Sir Francis Drake Blvd & Saunders Ave	San Anselmo	102	F	
108	105	Center Rd & Diablo Ave	Novato	79	E	
109	129	Marin St & Bayview St	San Rafael	125	F	
110	095	Racquet Club Dr & 5th Ave	San Rafael	101	F	
111	112	Grand Ave & Jewell St	San Rafael	122	F	
112	138	Arthur Street (in front of HS)	Novato	NA	F	Note 5
113	030	Sir Francis Drake Blvd & Tamal Ave	San Anselmo	69	E	
114	067	Sir Francis Drake Blvd & Butterfield Rd	San Anselmo	95	F	
115	088	Blackfield Dr & Karen Way	Tiburon	134	F	

TAM Crossing Guard Program - 2017 Rankings with Ranking History

2017 Rank	TAM Site No.	Location	City/Community	2014 Rank	2017 Recert. Category	Notes
116	097	Bellam Blvd & I-580 on ramp	San Rafael	106	F	
117	081	Melrose Ave & Evergreen Ave	Tamalpais Valley	81	E	
118	133	Arthur Street & Taft Court/Tyler Street	Novato	115	F	Note 4
119	008	Sir Francis Drake Blvd & Wolfe Grade	Kentfield	123	F	
120	047	Arthur & Cambridge St	Novato	110	F	
121	141	Arias Street & Trellis Drive	San Rafael	NA	F	Note 5
122	148	Avenida Mireflores & Hilary Drive	Tiburon	NA	F	Note 5
123	139	Sutro Avenue & Center Road	Novato	NA	F	Note 5
124	056	Avenida Mireflores at School	Tiburon	46	E	
125	080	Montford Ave & Melrose Ave	Tamalpais Valley	127	F	
126	135	Paradise Drive at Seawolf Passage	Corte Madera	98	F	Note 4
127	103	Tinker Way & Bowling Circle	Novato	76	E	
128	125	Wilson Ave & Hansen Road	Novato	136	F	
129	058	Tamalpais Dr & Eastman Ave	Corte Madera	103	F	
130	038	Woodland Ave & Siebel	San Rafael	118	F	
131	098	Bellam Blvd & I-580 off ramp	San Rafael	104	F	
132	072	Nova Albion Way & Las Gallinas Ave	San Rafael	89	F	
133	131	Kleinert Way & Neds Ave	Tiburon	82	E	Note 4
134	144	Main Gate Road and C Street	Novato	NA	F	Note 5
135	111	Lincoln Ave & Paloma (east side of Lincoln)	San Rafael	131	F	Note 3
136	029	Sir Francis Drake Blvd & Bolinas Ave	San Anselmo	133	F	
137	099	Bellam Blvd & Anderson Dr	San Rafael	97	F	
138	150	Trumbull Avenue & Vineyard Road	Novato	NA	F	Note 5
139	100	Olive Ave & Summers Ave	Novato	107	F	
140	096	Bellam Blvd & Francisco Blvd East	San Rafael	135	F	Note 3
141	051	Diablo Ave & Hotchkin Dr	Novato	111	F	
142	083	Evergreen Ave & Ethel Ave	Tamalpais Valley	113	F	Note 2
143	073	Sir Francis Drake Blvd & Meadow Way	San Geronimo	114	F	Note 2
144	115	Sir Francis Drake Blvd & S Eliseo Dr	Kentfield	116	F	Note 2

TAM Crossing Guard Program - 2017 Rankings with Ranking History

2017 Rank	TAM Site No.	Location	City/Community	2014 Rank	2017 Recert. Category	Notes
145	085	Richmond & Mariposa	San Anselmo	119	F	Note 2
146	031	Sir Francis Drake Blvd & Barber Ave/Ross Ave	San Anselmo	124	F	Note 2
147	069	Olema-Bolinas Rd & Mesa	Bolinas	126	F	Note 2
148	092	Sequoia & Miracle Mile	San Anselmo	129	F	Note 2
149	090	Sir Francis Drake Blvd & Aspen Court	San Anselmo	130	F	Note 2
150	076	Harvard Ave & Wellesley	Tamalpais Valley	132	F	Note 2

Notes:

- 1) Location ranked above 30 in 2012 and 2014 lists - no volume data collected in 2017 recertification process
- 2) Location ranked below 110 in 2012 and 2014 lists - no volume data collected in 2017 recertification process
- 3) Location ranked below 110 in 2012 and 2014 lists - local jurisdiction requested new volume data and scoring
- 4) New location and/or count data added in 2014
- 5) New location added since 2014 Ranked List was approved

2017 Recertification Category

- Category A: Location was ranked 82 or above in 2014 and 56 or above in 2017
- Category B: Location was ranked below 82 in 2014 and 56 or above in 2017
- Category C: Location was ranked 82 or above in 2014 and between 57 and 82 in 2017
- Category D: Location was ranked below 82 in 2014 and between 57 and 82 in 2017
- Category E: Location was ranked 82 or above in 2014 and below 82 in 2017
- Category F: Location was ranked below 82 in 2014 and below 82 in 2017

Projected Changes By District

School District	2017/18 Guards	Projected 18/19 Guards	Guards Lost
Novato Unified	25	12	13
Dixie	6	2	4
San Rafael City	10	7	3
Private	4	1	3
Mill Valley	13	11	2
Reed Union	9	7	2
Ross Valley	6	4	2
Kentfield	6	4	2
Larkspur-Corte Madera	6	5	1
Bolinas-Stinson Union	1	0	1
West Marin - Inverness	1	0	1
Ross Schools	3	3	0
	90	56	34

Note: Note: Some of the above "Lost Locations" will continue as sites paid 100% by various School Districts. Previously NUSD, LCMSD, Kentfield, and Dixie have contributed

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Item 8 - Attachment G

Projected Guard Changes By School Some Locations Serve More Than One School

<u>School</u>	<u>School District</u>	<u>2017/18 Guards</u>	<u>Projected 18/19 Guards</u>	<u>Guards Lost</u>
Rancho Elementary	Novato Unified	5	1	4
Miller Creek Middle	Dixie	4	1	3
A.E. Kent Middle	Kentfield	6	4	2
Lu Sutton Elementary	Novato Unified	4	2	2
White Hill Middle	Ross Valley	4	2	2
San Ramon Elementary	Novato Unified	4	2	2
Vallecito Elementary	Dixie	3	1	2
Mary E. Silveira Elementary	Dixie	2	0	2
Lynwood Elementary	Novato Unified	2	0	2
Mill Valley Middle	Mill Valley	7	6	1
Del Mar Middle	Reed Union	6	5	1
Sinaloa Middle	Novato Unified	4	3	1
Manor Elementary	Ross Valley	3	2	1
San Jose Intermediate	Novato Unified	3	2	1
Hall Middle	Larkspur-Corte Madera	3	2	1
Venetia Valley K-8	San Rafael City	2	1	1
Sun Valley Elementary	San Rafael City	2	1	1
Bel Aire Elementary	Reed Union	2	1	1
The Cove School (elementary)	Larkspur-Corte Madera	2	1	1
Park School (elementary)	Mill Valley	1	0	1
Dixie Elementary	Dixie	1	0	1
Olive Elementary	Novato Unified	1	0	1
Cascade Canyon K-8	Private	1	0	1
Brookside Elementary	Ross Valley	1	0	1
Bolinas-Stinson K-8	Bolinas-Stinson Union	1	0	1
Saint Patrick Elementary	Private	1	0	1
Hamilton K-8	Novato Unified	1	0	1
Coleman Elementary	San Rafael City	1	0	1
West Marin 2-8	West Marin - Inverness	1	0	1
Mark Day K-8	Private	1	0	1
Bahia Vista Elementary	San Rafael City	3	3	0
Ross School K-8	Ross Schools	3	3	0
Pleasant Valley Elementary	Novato Unified	2	2	0
Edna Maguire Elementary	Mill Valley	2	2	0
Neil Cummins Elementary	Larkspur-Corte Madera	2	2	0
Old Mill Elementary	Mill Valley	2	2	0
Tam Valley Elementary	Mill Valley	2	2	0
Bacich Elementary	Kentfield	2	2	0
Strawberry Point Elementary	Mill Valley	1	1	0
Reed Elementary	Reed Union	1	1	0
Davidson Middle	San Rafael City	1	1	0
Hidden Valley Elementary	Ross Valley	1	1	0
Loma Verde Elementary	Novato Unified	1	1	0
Glenwood Elementary	San Rafael City	1	1	0
Marin Primary K-8	Private	1	1	0