



TRAFFIC ACTION PLAN

Fiesta Gardens Neighborhood

CITY OF SAN MATEO

Draft February 2017

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Introduction

The Fiesta Gardens Neighborhood Traffic Action Plan is a cooperative effort between City staff and residents to develop a list of projects to improve safety, mobility and livability of the neighborhood. The process to develop the plan was designed to give residents an opportunity to actively work with the City to identify key transportation issues, evaluate potential solutions and develop a list of prioritized recommendations which could be used to guide both short and long term improvements to the neighborhood.

Recognizing the impact traffic can have on the livability of neighborhoods, San Mateo Public Works initiated a planning effort to work with each of the City's 28 neighborhoods to develop plans that would address neighborhood transportation issues specific to each community. The recommendations in these plans will be used to guide future pedestrian, bicycle and traffic improvements and help identify potential mitigation measures for larger projects being planned in San Mateo.

Fiesta Gardens was the ninth neighborhood selected to work with the City to develop a Neighborhood Traffic Action Plan based on their prompt response to City staff. The neighborhood is roughly bounded on the north by Highway 92, Highway 101 to the east, Saratoga Drive and Lafayette Street to the south; and Pacific Boulevard on the west. Within the neighborhood are mainly single family homes with multi-family apartments along 19th Avenue and South Delaware Street. Fiesta Gardens Elementary School is located within the neighborhood. There are industrial uses along Pacific Boulevard, including the City's Corporation Yard. The study area is shown in Figure 1.

The planning process commenced on January 28, 2016 with the Traffic Forum meeting. The City developed a prioritization table based on comments received at the Traffic Forum. The City invited the Fiesta Gardens Traffic Forum Steering Committee (TFSC), comprised of volunteer residents from the neighborhood, to meet on May 5 2016 where they received an information packet containing various neighborhood studies and statistics. The steering committee was asked to use the prioritization table as well as the information provided by the City to rank their top ten concerns. Each of these concerns can be categorized into these key issues:

- Speeding
- Cut-Through Traffic/Congestion
- Unique Neighborhood Concerns

The following are overall strategies that will be used to address the key issues in the Fiesta Gardens Neighborhood:

- Speeding
 - Verification of speeding issue through the use of speed surveys
 - Portable radar board to inform drivers of their speeds
 - Strategic police enforcement where the violation threshold *is* met
 - Targeted enforcement where the violation threshold *is not* met
 - Installation of appropriate traffic calming measures per the Neighborhood Traffic Management Program (NTMP) guidelines if education and enforcement are not effective
- Cut-Through Traffic/Congestion
 - Cut-through traffic study to be completed on local/residential street to determine the total percentage of cut-through volume

- NTMP guidelines will determine if these thresholds are met and if mitigation is needed
- Unique Neighborhood Concerns
 - Verification of unique neighborhood concern
 - Periodic police enforcement
 - Installation of appropriate traffic control devices if education and enforcement are not effective

The Traffic Forum Task Force, consisting of staff from the offices of the City Manager, Police, Fire, Public Works, and Planning, used the TFSC's top ten list to develop and prioritize recommendations to create the Fiesta Gardens Neighborhood Traffic Action Plan (TAP). The draft TAP will then be posted online for review prior to the Public Works Commission meeting. The Public Works Commission will review and provide comments on the TAP. City staff will incorporate the Public Works Commission's comments to finalize the document and post it on the City's Traffic Forum website.

The City has already completed some improvements in the neighborhood based on feedback received from the Traffic Forum. These improvements will be implemented on an on-going basis. The Fiesta Gardens Neighborhood Traffic Action Plan is considered an active working plan, and the City recognizes that new issues and concerns will arise in the future. As a result, it is recommended that the plan be revisited periodically to update and revise recommendations as needed.

The following chapters of the plan include *The Traffic Forum Process* which describes the process and timeline for developing the plan, *Neighborhood Traffic Issues* which identifies the top ten traffic issues by the Steering Committee, *Neighborhood Recommendations and Implementation* which describes the specific recommendations by location and summarizes potential opportunities for funding.



Figure 1 – Fiesta Gardens Neighborhood Planning Boundary

The Traffic Forum Process

The planning effort began with a series of ten Citywide traffic forums conducted January through May 2016. The purpose of the forums was to receive neighborhood feedback on transportation issues. City staff gathered traffic concerns from each neighborhood and compiled the information into meeting notes. From the meeting notes, prioritization tables were developed for individual neighborhoods. Each issue was given a unique identification number and entered into the table, which would enable staff to track each response and future follow-up actions. Solutions that required no additional community coordination were implemented, such as trimming vegetation, sign installation, or speed enforcement. For Fiesta Gardens, there was one Fire Department concern, 10 Police-related concerns, and 37 Public Works concerns.

The City asked for volunteers from each neighborhood to serve on a Traffic Forum Steering Committee (TFSC) to work with City staff to identify their top ten traffic issues. The Police and Public Works Departments met with the Fiesta Gardens TFSC on May 5, 2016 and were provided information packets which included their neighborhood's meeting notes, online feedback, collision data, relevant traffic studies, and prioritization tables created by the City. They were asked to use this data to create a top ten list of traffic concerns in their neighborhood.

The Fiesta Gardens TFSC was comprised of five residents who participated in the development of the top ten list.

Traffic Forum Steering Committee Members		
Ernie Roeder	Greg St. Clair	Roland Bardony
Denise Iskander	Karen Wong	

On September 12, 2016, the Fiesta Gardens TFSC submitted their top ten traffic concerns to the City for review. Using this list, City staff created the Traffic Action Plan (TAP). The draft TAP will be posted online prior to the Public Works Commission meeting. The Public Works Commission will review and provide comments on the TAP. City staff will revise the TAP to include the Public Works Commission's comments and finalize the document. The final TAP will then be posted online.

The flowchart in Figure 2 depicts the development of the traffic action plan and proposed schedule.

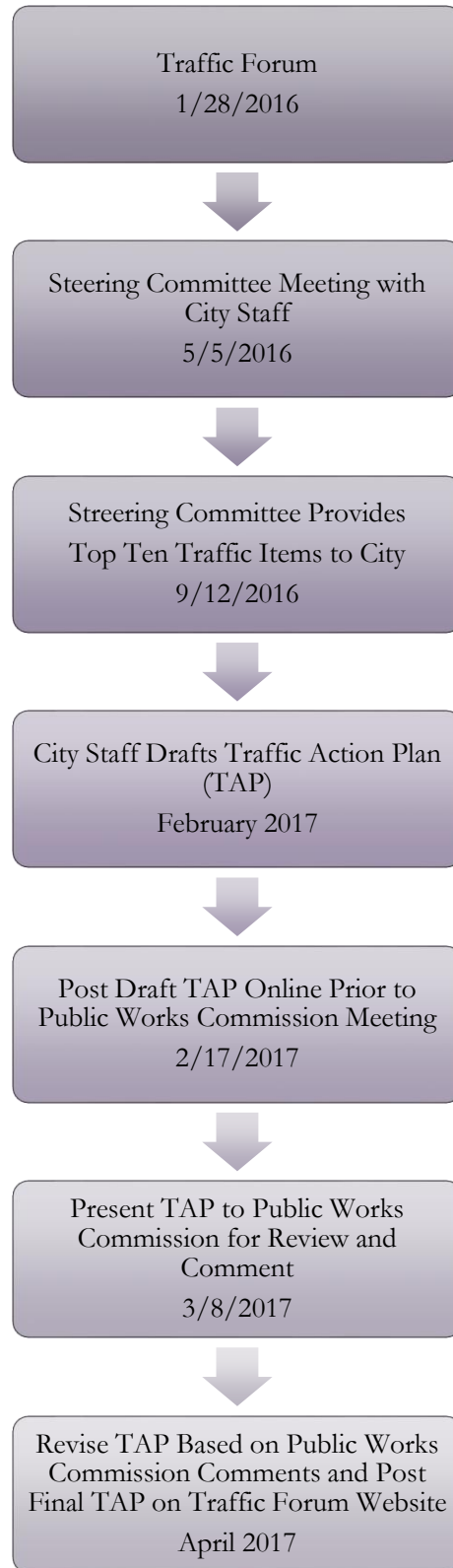


Figure 2 - Traffic Action Plan Development Flowchart

Neighborhood Traffic Issues

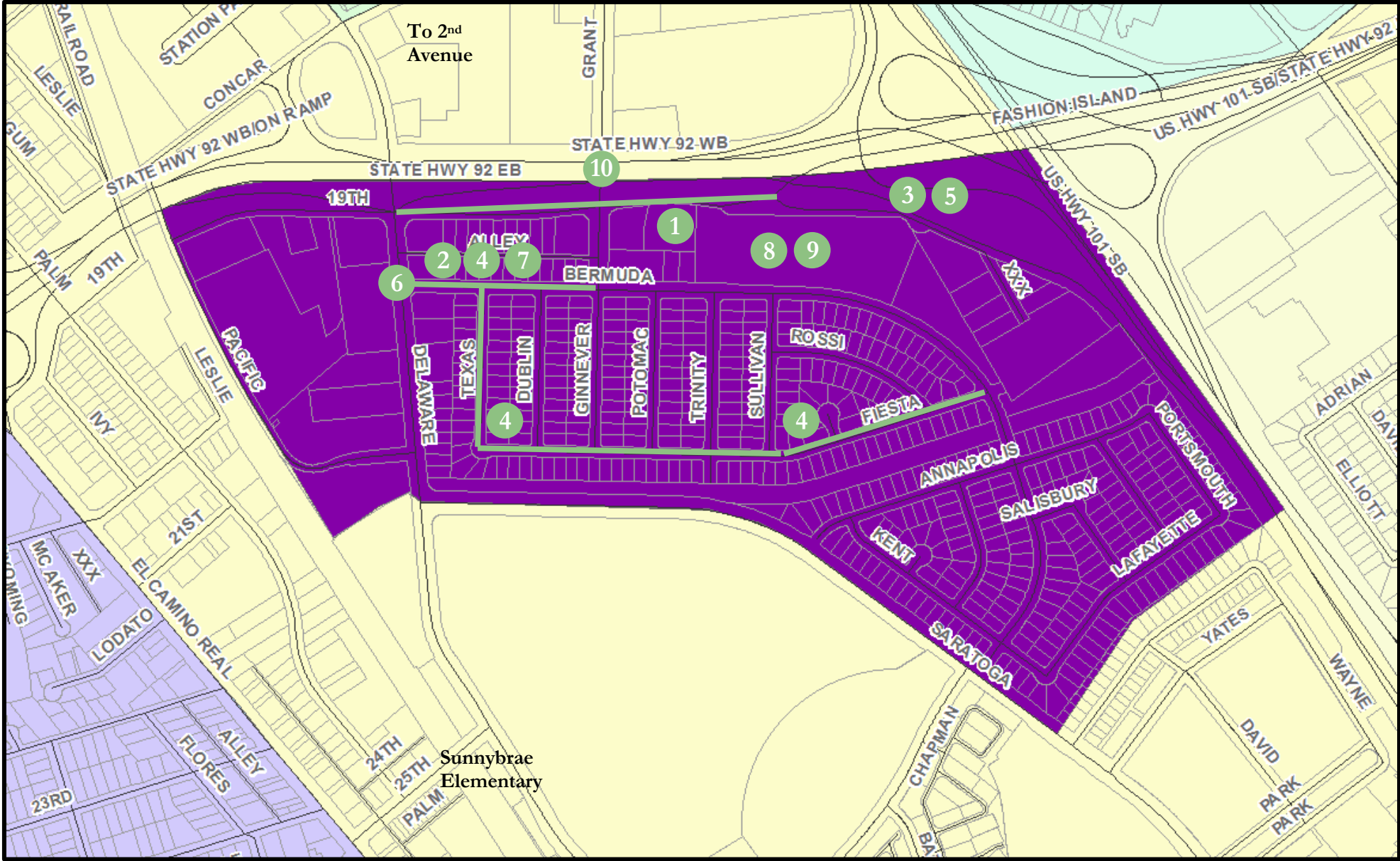
The Fiesta Gardens Traffic Forum Steering Committee identified their top ten traffic concerns based on information provided to them at the City meeting on May 5, 2016.

The following section presents the issues, listed by location, first in a table format, as well as presented on a map for illustration.

Table 1 – Fiesta Gardens Top Ten Traffic Concerns

Neighborhood Priority	Location	Interests and Reasons
1	19 th Avenue	Cut-through (TFSC recommends making 19 th Avenue two-way to reduce cut-through traffic)
2	Bermuda (Grant to Delaware)	Congestion (TFSC recommends making Bermuda one-way to reduce congestion)
3	Fiesta Gardens Area	Parking (TFSC recommends 24/7 parking permits due to new developments)
4	Bermuda/Texas/Fiesta	Congestion & Speeding (TFSC recommends installing speed cushions to reduce congestion and address resident parking)
5	Fiesta Gardens Area	Unique Neighborhood Concern (TFSC requests that corners be painted for parking and pedestrian safety)
6	Delaware/Bermuda	Congestion (TFSC recommends adding a left-turn signal phase to southbound Delaware due to a high volume of vehicles yielding to northbound through traffic)
7	Grant/Bermuda	Speeding (TFSC indicates that there is speeding on Bermuda)
8	Fiesta Gardens International School	Congestion (TFSC indicates that there is traffic on Bermuda near the school)
9	Fiesta Gardens International School	Congestion (TFSC indicates that access to the school should be provided via the 19 th Avenue gate, which is currently closed)
10	SR-92/Delaware	Congestion (TFSC indicates that there are concerns about emergency response due to congestion)

Figure 3 - Fiesta Gardens Steering Committee Top Ten Traffic Concerns



Legend



Neighborhood
Priority



Street Segment of
Concern

Neighborhood Recommendations and Implementation

The following section presents the recommendations, listed by location. A detailed discussion is presented first followed by the recommendation in Table 3, as well as presented on a map for illustration.

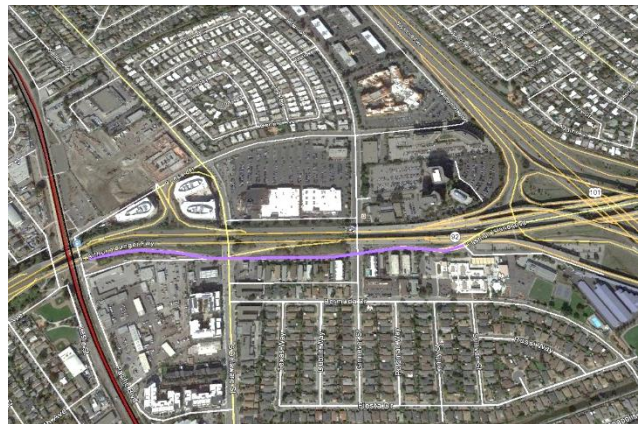
1 – 19th Avenue

Issue: Cut-through (TFSC recommends making 19th Avenue two-way to reduce cut-through traffic)

Discussion and Analysis:

19th Avenue between South Delaware Street and South Grant Street is a collector roadway with one lane in the eastbound direction. The posted speed limit is 30 MPH. Each end of this segment is controlled by traffic signals. Sidewalks and parking is permitted on the south side of the roadway. Apartments also front the south side of the roadway. There is a striped eastbound bicycle lane.

The intersection of Delaware at 19th/SR-92 on- and off-ramps is owned, operated, and maintained by Caltrans.



Recommendations:

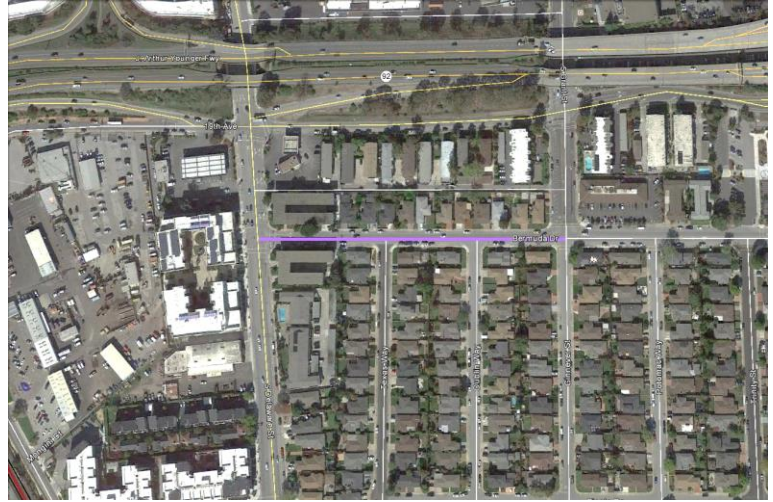
- City staff will discuss options for revising the intersection operations at the Delaware/19th Avenue/SR-92 on- and off-ramps with Caltrans, including converting 19th Avenue to a two-way roadway or adding an additional lane on the existing one-way roadway. However, previous conversations with Caltrans about changing the operations at this intersection have raised concerns about operational conflicts in the westbound direction with the SR-92 off-ramp.

2 – Bermuda (Grant to Delaware)

Issue: Congestion (TFSC recommends making Bermuda one-way to reduce congestion)

Discussion and Analysis:

Bermuda Drive between Ginnever Street and South Delaware Street is a striped two lane local roadway. The speed limit is 25 MPH. There are sidewalks and parking is allowed on both sides of the roadway. The intersection with South Delaware Street is controlled by a traffic signal and the intersection with Ginnever Street is controlled by all-way stop signs. The surrounding area is residential with retail at the northeast corner of Bermuda Drive and Ginnever Street.



Recommendations:

- Staff recommends constructing a bulb-out on the south side of Bermuda Drive at Delaware Street to prohibit northbound right-turning vehicles and southbound left-turning vehicles onto Bermuda Drive to eliminate cut-through traffic along northbound Delaware from using the neighborhood to access 19th Avenue via Bermuda to Ginnever.

3 – Fiesta Gardens Area

Issue: Parking (TFSC recommends 24/7 parking permits due to new developments)

Discussion and Analysis:



The neighborhood is roughly bounded on the north by Highway 92, Highway 101 to the east, Saratoga Drive and Lafayette Street to the south; and Pacific Boulevard on the west. Within the neighborhood are mainly single family homes with multi-family apartments along 19th Avenue and South Delaware Street. Fiesta Gardens Elementary School is located within the neighborhood. There are industrial uses along Pacific Boulevard, including the City's Corporation Yard.

Recommendations:

- Fiesta Garden residents may apply for residential permit parking in their neighborhood. Per the Residential Permit Parking Program (RPPP) seen here: <http://www.cityofsanmateo.org/DocumentCenter/Home/View/1175>, the applicant must identify a parking impact generator to be considered for permit parking.
- Residential permit parking is currently enforced Monday through Saturday, from 8am to 6pm.
- The Residential Permit Parking program will be revised in Summer 2017. Revisions to the document will be reviewed at the Public Works Commission meeting. Residents are encouraged to attend the Public Works Commission meeting to comment on the proposed revisions.

4 – Bermuda/Texas/Fiesta

Issue: Congestion & Speeding (TFSC recommends installing speed cushions to reduce congestion and address resident parking)

Discussion and Analysis:

Bermuda Drive is a striped two lane local roadway. The speed limit is 25 MPH. There are sidewalks and parking is allowed on both sides of the roadway. The intersection with South Delaware Street is controlled by a traffic signal. The intersections with Ginnever Street, Trinity Street, and Fiesta Drive are controlled by all-way stop signs. Many residential driveways front the roadway.

Texas Way is a two lane local roadway with a speed limit of 25 MPH. There are sidewalks and parking is allowed on both sides of the roadway. Many residential driveways front the roadway.



Fiesta Drive is a two lane local roadway with a speed limit of 25 MPH. There are sidewalks and parking is allowed on both sides of the roadway. Many residential driveways front the roadway.

Historically, speeding complaints have been received from the neighborhood and addressed with increased police enforcement. The following table summarizes current speed survey data, as well as the most recent historical surveys.

Date	Segment	Speed Limit (mph)	85 th Percentile Speed Limit (mph)
May 2015	Texas Way – Bermuda Dr. to Fiesta Dr.	25	26.5
May 2015	Fiesta Drive – Texas Way to Dublin Way	25	25.4
November 2016	Bermuda Drive – Ginnever St. to Texas Way	25	28.7

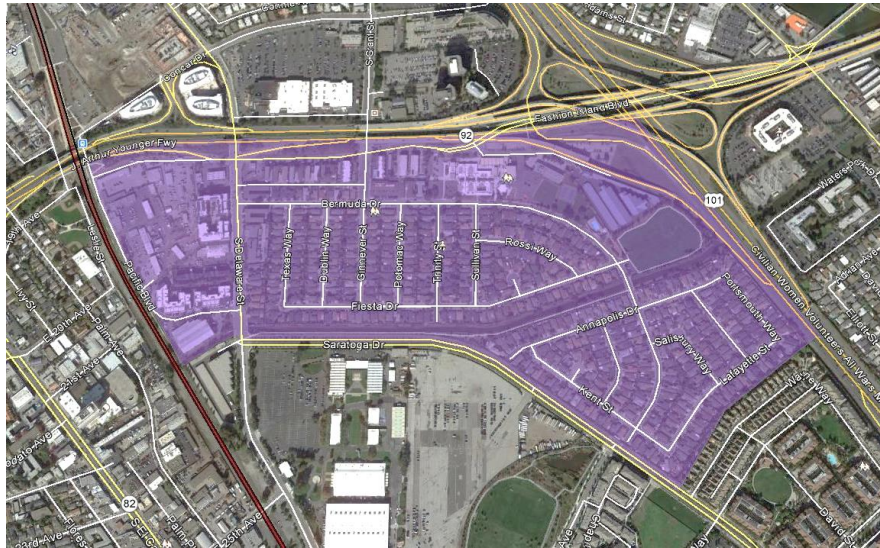
Recommendations:

- Place the portable radar board on all three roadways.
- Conduct speed survey, volume counts, and review collisions in one year. Evaluate progress.

5 – Fiesta Gardens Area

Issue: Unique Neighborhood Concern (TFSC requests that corners be painted red for parking and pedestrian safety)

Discussion and Analysis:



The neighborhood is roughly bounded on the north by Highway 92, Highway 101 to the east, Saratoga Drive and Lafayette Street to the south; and Pacific Boulevard on the west. Within the neighborhood are mainly single family homes with multi-family apartments along 19th Avenue and South Delaware Street. Fiesta Gardens Elementary School is located within the neighborhood. There are industrial uses along Pacific Boulevard, including the City's Corporation Yard.

Recommendations:

- Staff recommends repainting the existing crosswalks at Bermuda/Ginnever, Bermuda/Trinity, and Bermuda/Fiesta with high-visibility crosswalks to improve the visibility for both pedestrians and vehicles.
- PW staff will review existing red curb and install new or additional red curb at uncontrolled intersections and around existing crosswalks where needed.

6 – Delaware/Bermuda

Issue: Congestion (TFSC recommends adding a left-turn signal phase to southbound Delaware due to a high volume of vehicles yielding to northbound through traffic)

Discussion and Analysis:

The South Delaware Street and Bermuda Drive intersection is a “Tee” intersection which also serves a residential complex on the west side of Delaware. The intersection is controlled by a traffic signal. South Delaware Street is an arterial roadway and Bermuda Drive is a local roadway. There are sidewalks on both sides of both roadways. Parking is allowed on both sides of Bermuda Drive and prohibited on South Delaware Street in the vicinity of the intersection. The posted speed limit is 30 MPH for South



Delaware Street and 25 MPH for Bermuda Drive. The northbound approach of the intersection has two through northbound lanes and a striped bicycle lane. There are two receiving lanes and a striped bicycle lane. The westbound approach of the intersection has separate left- and right-turn westbound lanes and one receiving lane. The southbound approach has two southbound through lanes and three northbound receiving lanes - one through lane, one shared through/right lane, and a dedicated right-turn lane. There is a private driveway accessing the west side of the intersection.

Recommendations:

- Staff is recommending eliminating ingress into the neighborhood via Bermuda Drive at Delaware by installing a bulb-out at the southeast corner of the intersection (see TFSC Item 3 above).
- Since this request is in direct conflict with the previous recommendation, staff will work with the Traffic Forum Steering Committee (TFSC) to determine if the Item 3 recommendation is desired.
- If the Item 3 recommendation is not desired by the TFSC, staff will conduct volume counts at this intersection to determine if a dedicated southbound left-turn lane is warranted. Because there is no additional space on either side of the roadway to add a dedicated left-turn lane, the existing lane configuration would need to be changed to accommodate the left-turn lane.

7 – Grant/Bermuda

Issue: Speeding (TFSC indicates that there is speeding on Bermuda)

Discussion and Analysis:



Bermuda Drive between Ginnever Street and South Delaware Street is a striped two lane local roadway. The speed limit is 25 MPH. Ginnever Street from 19th Avenue to Bermuda Drive is a collector roadway with a speed limit of 25 MPH. There are sidewalks and parking is allowed on both sides of the roadway. The intersection with South Delaware Street is controlled by a traffic signal and the intersection with Ginnever Street is controlled by all-way stop signs. The surrounding area is residential with retail at the northeast corner of Bermuda Drive and Ginnever Street

with increased police enforcement. A speed survey was completed in November 2016. The 85th percentile speed was 28.7 mph.

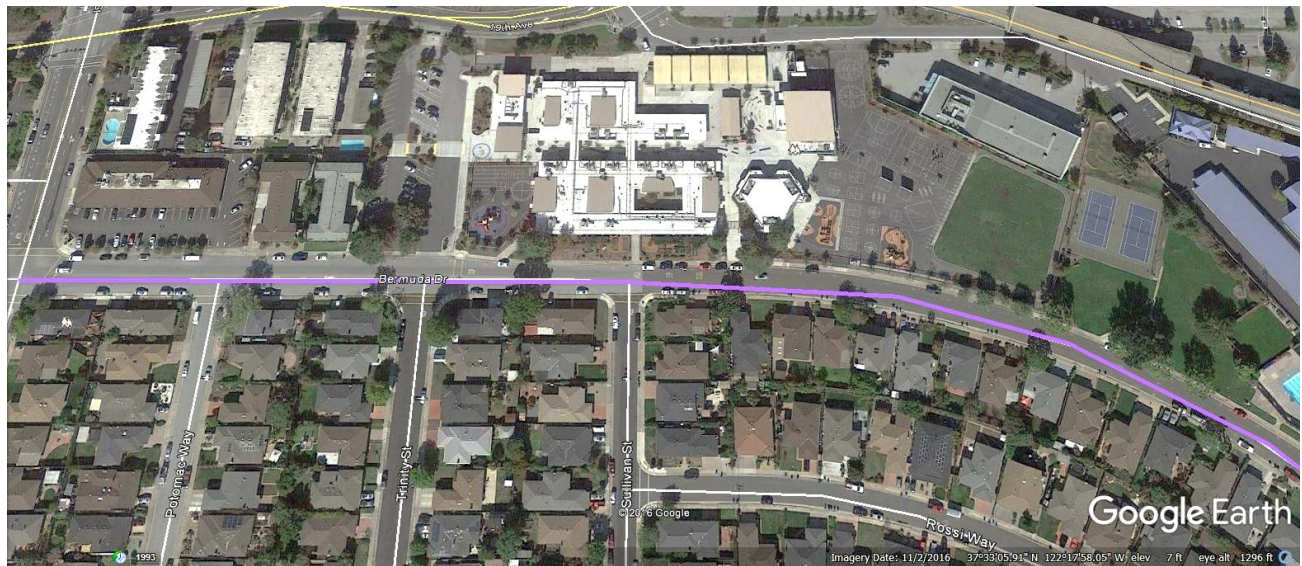
Historically, speeding complaints have been received from the neighborhood and addressed

Recommendations:

- Place the portable radar board in both directions.
- Conduct speed survey, volume counts, and review collisions in one year. Evaluate progress.

8 – Fiesta Gardens International School

Issue: Congestion (TFSC indicates that there is traffic on Bermuda near the school)



Discussion and Analysis:

The neighborhood is roughly bounded on the north by Highway 92, Highway 101 to the east, Saratoga Drive and Lafayette Street to the south; and Pacific Boulevard on the west. Within the neighborhood are mainly single family homes with multi-family apartments along 19th Avenue and South Delaware Street. Fiesta Gardens Elementary School is located within the neighborhood.

Bermuda Drive is a striped two lane local roadway. The speed limit is 25 MPH. There are sidewalks and parking is allowed on both sides of the roadway. The intersection with South Delaware Street is controlled by a traffic signal. The intersections with Ginnever Street, Trinity Street, and Fiesta Drive are controlled by all-way stop signs. Many residential driveways front the roadway

Recommendations:

- Staff will coordinate with the school to address circulation issues during drop-off and pick-up times.

9 – Fiesta Gardens International School

Issue: Congestion (TFSC indicates that access to the school should be provided via the 19th Avenue gate, which is currently closed)



Discussion and Analysis:

The neighborhood is roughly bounded on the north by Highway 92, Highway 101 to the east, Saratoga Drive and Lafayette Street to the south; and Pacific Boulevard on the west. Within the neighborhood are mainly single family homes with multi-family apartments along 19th Avenue and South Delaware Street. Fiesta Gardens Elementary School is located within the neighborhood.

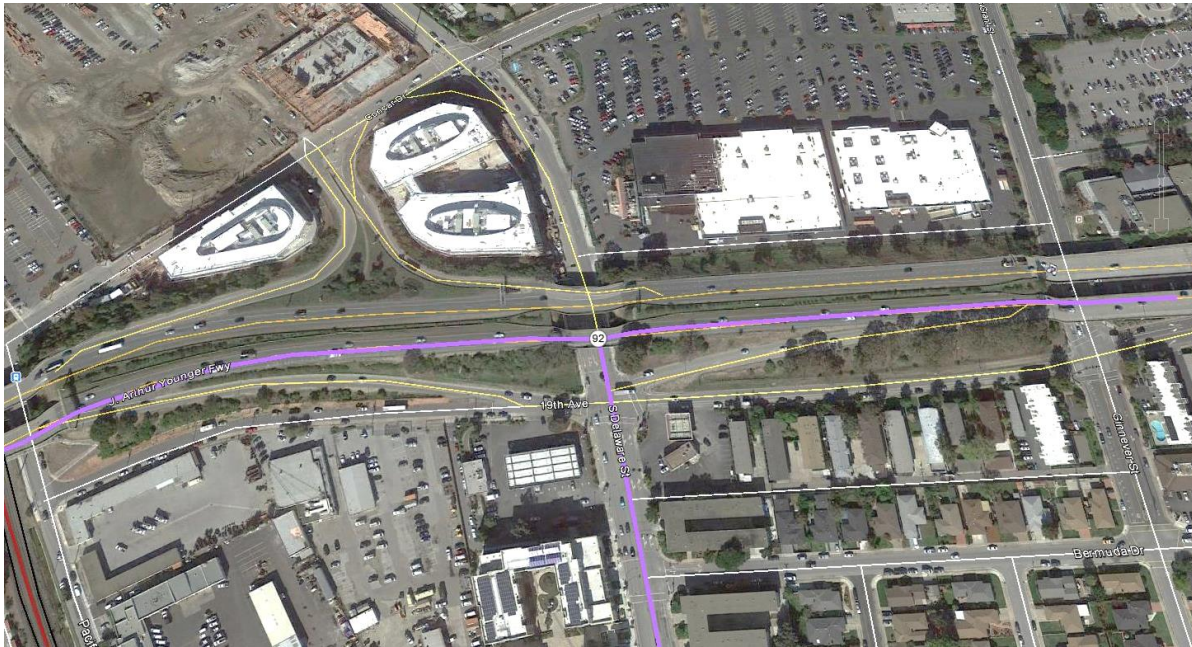
Bermuda Drive is a striped two lane local roadway. The speed limit is 25 MPH. There are sidewalks and parking is allowed on both sides of the roadway. The intersection with South Delaware Street is controlled by a traffic signal. The intersections with Ginnever Street, Trinity Street, and Fiesta Drive are controlled by all-way stop signs. Many residential driveways front the roadway.

Recommendations:

- Staff will coordinate with the school to address circulation issues during drop-off and pick-up times. Staff will discuss the possibility of opening the 19th Avenue gate with the school during the morning drop-off hours only. Afternoon pickup hours are not being considered for this due to the potential of queuing vehicles along 19th Avenue where adequate space for vehicle parking is not available, nor allowed.

10 – SR-92/Delaware

Issue: Congestion (TFSC indicates that there are concerns about emergency response due to congestion)



Discussion and Analysis:

The South Delaware Street/Highway 92 off ramp/19th Avenue intersection serves the east bound on and off ramps to Highway 92. The intersection is controlled by a traffic signal. South Delaware Street is classified as an arterial roadway with a posted 30 MPH speed limit. 19th Avenue east of the intersection is classified as an arterial roadway. West of the intersection, 19th Avenue is classified as a local roadway. The speed limit is 30 MPH except for 19th Avenue west of the intersection which has a 25 MPH speed limit. Sidewalks access all four corners of the intersection. Pedestrians are prohibited from crossing the north leg of the intersection.

The City is currently working with regional and state agencies including Metropolitan Transportation Commission, City and County Association of Governments, San Mateo County Transportation Authority, and Caltrans. The goal of these collaborations is to find and implement solutions to help alleviate traffic congestion in and around the city.

Recommendations:

- The City will continue to work with regional and state agencies to alleviate traffic in San Mateo.
- Due to concerns about emergency response and access to the neighborhood as a result of nearby congestion on Delaware and 19th Avenue during peak times, staff will work with police and fire to determine if alternative access to the neighborhood is necessary, which would include adding ingress and/or egress points to the neighborhood at Saratoga Drive.

Table 2 - Top Ten List with Funding Sources

Neighborhood Priority	Location	Key Issues (Interests and Reasons)	Improvements	Potential Funding Source	Estimated Cost
1	19 th Avenue	Cut-through (TFSC recommends making 19 th Avenue two-way to reduce cut-through traffic)	➤ City staff will discuss options for revising the intersection operations at the Delaware/19 th Avenue/SR-92 on- and off-ramps with Caltrans, including converting 19 th Avenue to a two-way roadway or adding an additional lane on the existing one-way roadway.	Citywide Traffic Calming (466600)	\$2,500 staff (one-time)
2	Bermuda (Grant to Delaware)	Congestion (TFSC recommends making Bermuda one-way to reduce congestion)	➤ Staff recommends constructing a bulb-out on the south side of Bermuda Drive at Delaware Street to prohibit northbound right-turning vehicles and southbound left-turning vehicles onto Bermuda Drive.	Measure S (TBD)	\$150,000 capital; \$15,000 staff (one-time)
3	Fiesta Gardens Area	Parking (TFSC recommends 24/7 parking permits due to new developments)	➤ Fiesta Garden residents may apply for residential permit parking in their neighborhood. Per the Residential Permit Parking Program (RPPP) seen here: http://www.cityofsanmateo.org/DocumentCenter/Home/View/1175 , the applicant must identify a parking impact generator to be considered for permit parking. ➤ Residential permit parking is currently enforced Monday through Saturday, from 8am to 6pm. ➤ The Residential Permit Parking program will be revised in Summer 2017. Revisions to the document will be reviewed at the Public Works Commission meeting. Residents are encouraged to attend the Public Works Commission meeting to comment on the proposed revisions.	-	\$0
4	Bermuda/Texas/Fiesta	Congestion & Speeding (TFSC recommends installing speed cushions to reduce congestion and address resident parking)	➤ Place the portable radar board on all three roadways. ➤ Conduct speed survey, volume counts, and review collisions in one year. Evaluate progress.	Citywide Traffic Calming (466600)	\$500 staff (one-time)
5	Fiesta Gardens Area	Unique Neighborhood Concern (TFSC requests that corners be painted for parking and pedestrian safety)	➤ PW staff will review existing red curb and install new or additional red curb at uncontrolled intersections where needed.	Citywide Traffic Calming (466600)	\$1,000 capital; \$2,500 staff (one-time)
6	Delaware/Bermuda	Congestion (TFSC recommends adding a left-turn signal phase to southbound Delaware due to a high volume of vehicles yielding to northbound through traffic)	➤ Staff is recommending eliminating ingress into the neighborhood via Bermuda Drive at Delaware by installing a bulb-out at the southeast corner of the intersection (see TFSC Item 3 above). ➤ Since this request is in direct conflict with the previous recommendation, staff will work with the Traffic Forum Steering Committee (TFSC) to determine if the Item 3 recommendation is desired. ➤ If the Item 3 recommendation is not desired by the TFSC, staff will conduct volume counts at this intersection to determine if a dedicated southbound left-turn lane is warranted. Because there is no additional space on either side of the roadway to add a dedicated left-turn lane, the existing lane configuration would need to be changed to accommodate the left-turn lane.	Citywide Traffic Signals (466004)	\$500 study & \$1,000 staff (one-time)
7	Grant/Bermuda	Speeding (TFSC indicates that there is speeding on Bermuda)	➤ Place the portable radar board in both directions. ➤ Conduct speed survey, volume counts, and review collisions in one year. Evaluate progress.	Citywide Traffic Calming (466600)	\$500 staff (one-time)
8	Fiesta Gardens International School	Congestion (TFSC indicates that there is traffic on Bermuda near the school)	➤ Staff will coordinate with the school to address circulation issues during drop-off and pick-up times.	Citywide Traffic Calming (466600)	\$1,000 capital; \$2,500 staff (one-time)
9	Fiesta Gardens International School	Congestion (TFSC indicates that access to the school should be provided via the 19 th Avenue gate, which is currently closed)	➤ Staff will coordinate with the school to address circulation issues during drop-off and pick-up times. Staff will discuss the possibility of opening the 19 th Avenue gate with the school during the morning drop-off hours only.	Citywide Traffic Calming (466600)	\$1,000 capital; \$2,500 staff (one-time)
10	SR-92/Delaware	Congestion (TFSC indicates that there are concerns about emergency response due to congestion)	➤ The City will continue to work with regional and state agencies to alleviate traffic in San Mateo. ➤ Due to concerns about emergency response and access to the neighborhood as a result of nearby congestion on Delaware and 19 th Avenue during peak times, staff will work with police and fire to determine if alternative access to the neighborhood is necessary, which would include adding ingress and/or egress points to the neighborhood at Saratoga Drive.	Citywide Traffic Calming (466600)	\$2,500 staff (one-time)

Funding Summary:

- \$27,750 - Staff and Study Costs: Includes one-time cost for analysis and evaluation
- \$153,000 - Capital Costs: Includes construction costs such as traffic signal improvements and sign installations