

DATE SUBMITTED 6/30/2021
 SUBMITTED BY COMMUNITY DEVELOPMENT DIRECTOR
 DATE ACTION REQUIRED 7/7/2021

COUNCIL ACTION (X)
 PUBLIC HEARING REQUIRED (X)
 RESOLUTION ()
 ORDINANCE 1ST READING (X)
 ORDINANCE 2ND READING ()
 CITY CLERK'S INITIALS [Signature]

**IMPERIAL CITY COUNCIL
 AGENDA ITEM**

SUBJECT: DISCUSSION/ACTION: TRAFFIC CONCERNS AT THE INTERSECTION OF 4 TH STREET AND G STREET 1. Select and approve appropriate mitigation measure to address traffic concerns at the intersection of 4 th street and G street.	
DEPARTMENT INVOLVED: COMMUNITY DEVELOPMENT	
BACKGROUND/SUMMARY: At a City Council meeting during reports, a council member requested an evaluation of the above reference location, be conducted in order to formulate possible mitigation measures regarding the rising safety concerns regarding pedestrian safety and speeding, at this intersection. The ideal mitigation, is the placement of a four-way stop. G street is controlled by stop sign while 4 th street in uncontrolled. Sidewalks are provided at all approaches to the intersection, there are no marked crosswalks, and there are not parking restrictions at the approaches of the intersection. On June 9, 2021, the Traffic Commission reviewed the item and did not recommend a 4-way stop signs at the intersection of 4 th street and G street.	
FISCAL IMPACT: Please see mitigation measures costs outlined within the staff report	ADMIN SERVICES SIGN INITIALS <u>[Signature]</u>
STAFF RECOMMENDATION: Staff does not recommend the placement of a four way stop	DEPT. INITIALS <u>DM</u>
MANAGER'S RECOMMENDATION: <u>agree with staff recommendation</u>	CITY MANAGER'S INITIALS <u>[Signature]</u>
MOTION: SECONDED: APPROVED () REJECTED () AYES: DISAPPROVE () DEFERRED () NAYES: ABSENT: REFERRED TO:	



Staff Report

Agenda Item No. G-8

To: City Council
From: Othon Mora, Community Development Director
Date: June 30, 2021
Subject: Proposed placement of new 4-way stop signs @ the intersection of 4th Street and G Street.

Background:

At a City Council meeting during reports, a council member requested an evaluation of the above reference location, be conducted in order to formulate possible mitigation measures regarding the rising safety concerns regarding pedestrian safety and speeding, at this intersection. The ideal mitigation, is the placement of a four-way stop.

G street is controlled by stop sign while 4th street is uncontrolled. Sidewalks are provided at all approaches to the intersection, there are no marked crosswalks, and there are not parking restrictions at the approaches of the intersection.

On June 9, 2021, the Traffic Commission reviewed the item and did not recommend a 4-way stop signs at the intersection of 4th street and G street.

Analysis:

The Development Review Committee has assessed the area in regards to the placement of a three-way stop at the intersections of 4th Street and G Street.

The following Development Review Committee members reviewed the item:

- Assistant City Manager, Alexis Brown
- Public Services Director, Jackie Loper
- Parks Superintendent, Tony Lopez
- Imperial County Fire Representative, Andrew Loper
- Community Development Director, Othon Mora
- Imperial Police Chief, Leonard Barra

- Planner, Lisa Tylenda

Based on the concerns expressed, the placement of a four-way stop may provide and fulfill the sought-after traffic safety mitigation. The Development Review Committee (DRC) has based the recommendation on the following guidelines from the “Manual on Uniform Traffic Control Devices (MUTCD)” as follows:

Section 2B.04, “Right of Way at Intersections”, of the CA-MUTCD states that “In addition, the use of YIELD or STOP signs should be considered at the intersection of two minor streets or local roads where the intersection has more than three approaches and where one or more of the following conditions exist:

- The combined vehicular, bicycle, and pedestrian volume entering the intersection from all approaches average more than 2,000 units per day
- The ability to see conflicting traffic on an approach is not sufficient to allow a road user to stop or yield in compliance with the normal right-of-way rule if such stopping or yielding is necessary
- Crash records indicate that five or more crashes that involve the failure to yield the right-of-way at the intersection under the normal right-of-way rule have been reported within a 3-year period, or that three or more such crashes have been reported within a 2-year period
- Section 2B.07, “Multi-way Stop Application”, of the CA-MUTCD stipulates that multi way stops to be considered as an option on “Locations where a road user, after stopping, cannot see conflicting traffic and is not able to negotiate the intersection unless conflicting cross traffic is also required to stop.”
- YIELD or STOP signs should not be used for speed control.

Staff’s findings are as follows:

- The CA-MUTCD defines minimum requirements for traffic volumes, pedestrian volumes, and bicycle volumes to warrant an all-way stop controlled intersection. Based on field observations, the intersection of 4th Street and G Street would not meet these minimum volume requirements. Currently, there is not a recent traffic study available for the area.
- Utilizing the Statewide Incident Traffic Reporting System and the City’s database, a review of the collision history at the intersection was conducted for a five-year period. Reports show that there have been 1 collision in the area.
- Based on field observations, there is “visibility” at the intersection for drivers at the intersection.

Other Mitigation Measures Options and Cost:

- 4 Way Stop Sign \$11,879.00
- RRPF (Rectangular Rapid Flashing Beacons) Pedestrian Crosswalk Systems \$17,732
- Asphalt Speed Bumps \$12,000.00
- Asphalt Speed Humps \$15,000.00
- Rubber Speed Bumps \$2,000.00
- Rubber Speed Humps \$2,250.00
- Speed Radar Signs \$29,500.00

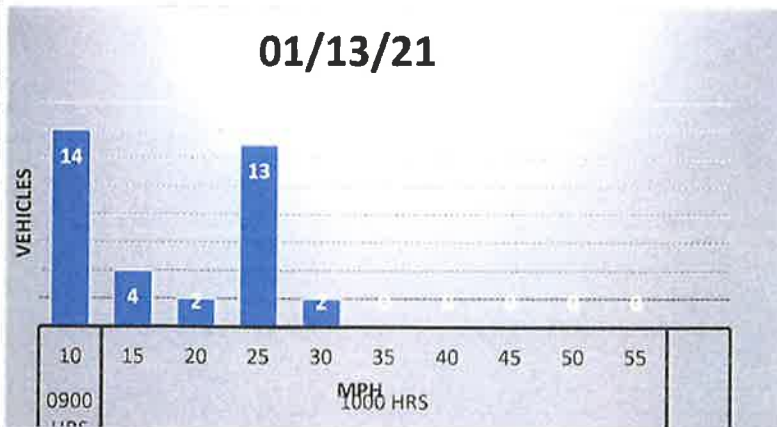
Staff Recommendation:

Based on these findings, staff does not recommend installation of a four-way stop at 4th Street and G Street.

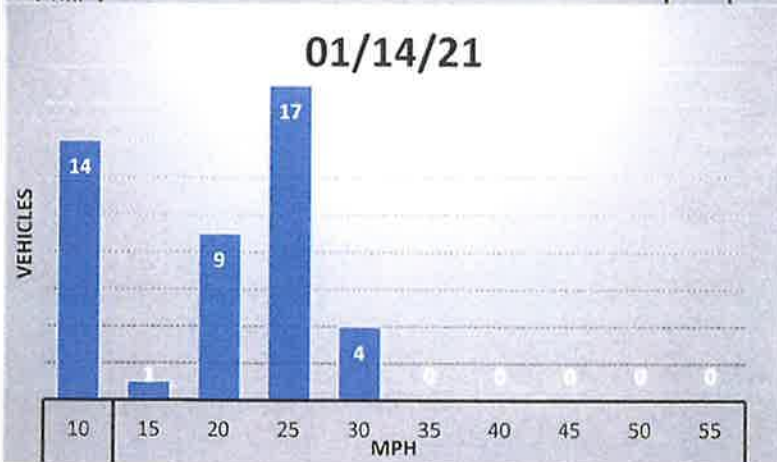
Location Map:



1/13/2021	MPH	Vehicles
0900 HRS TO	10	14
1000 HRS	15	4
	20	2
	25	13
	30	2
	35	0
	40	0
	45	0
	50	0
	55	0



1/14/2021	MPH	VEHICLES
0700 HRS TO	10	14
0800 HRS	15	1
	20	9
	25	17
	30	4
	35	0
	40	0
	45	0
	50	0
	55	0
4th St & G St		



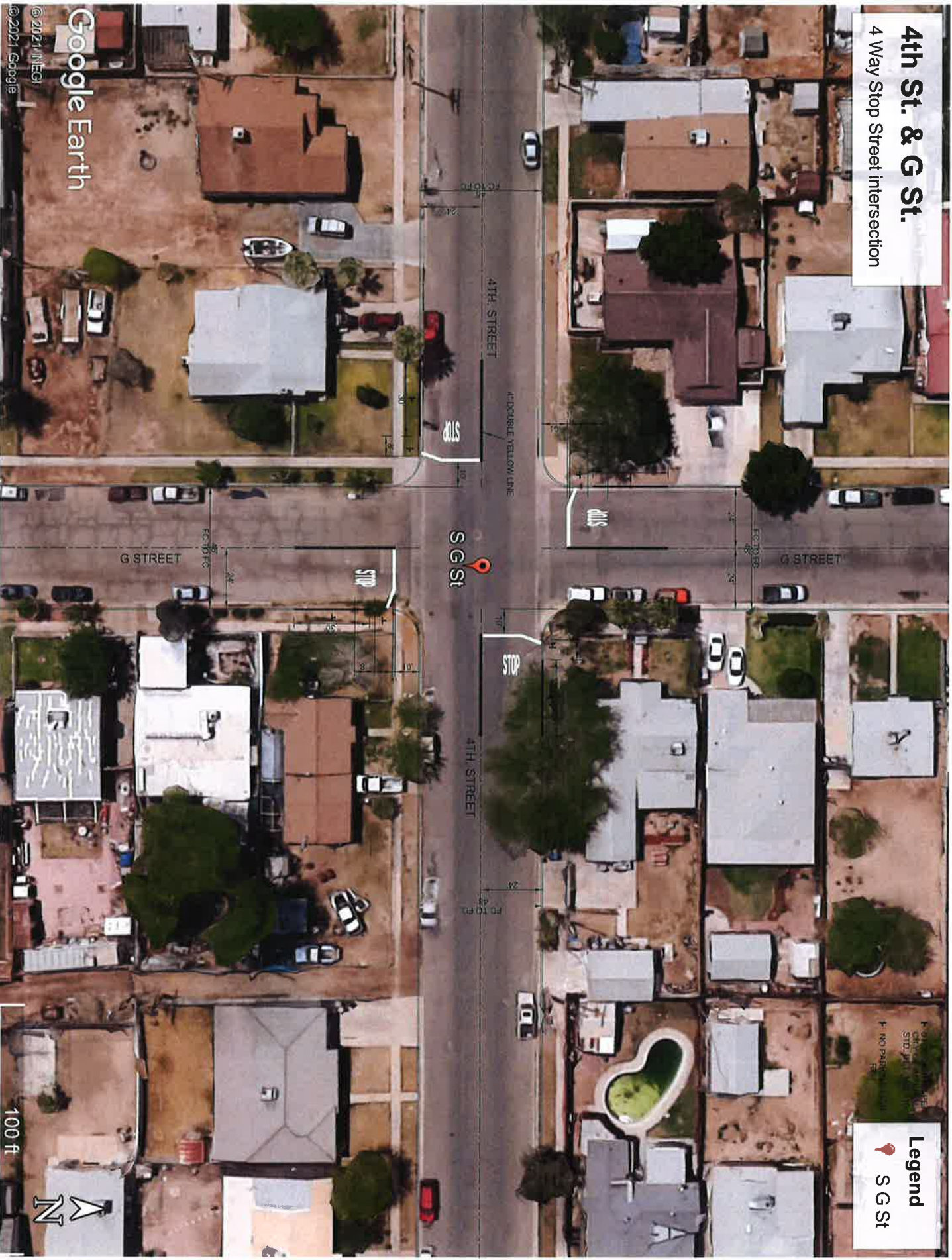
PATROL UNIT #203

Record List - Total:1


CallID	When Reported	Typ	Nature	P	Location	Cty
201107036	08:03 11/07/20	Ife	Traffic Acc		4TH ST & G ST	IMP

4th St. & G St.

4 Way Stop Street Intersection



Legend

-  S G St

Google Earth

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100 ft



