



DATE: October 15, 2019

CATEGORY: Consent

DEPT.: Public Works

TITLE: **Metal Beam Guardrail Installation, CIP 19-58 – Approve Plans and Specifications/Authorize Bidding**

RECOMMENDATION

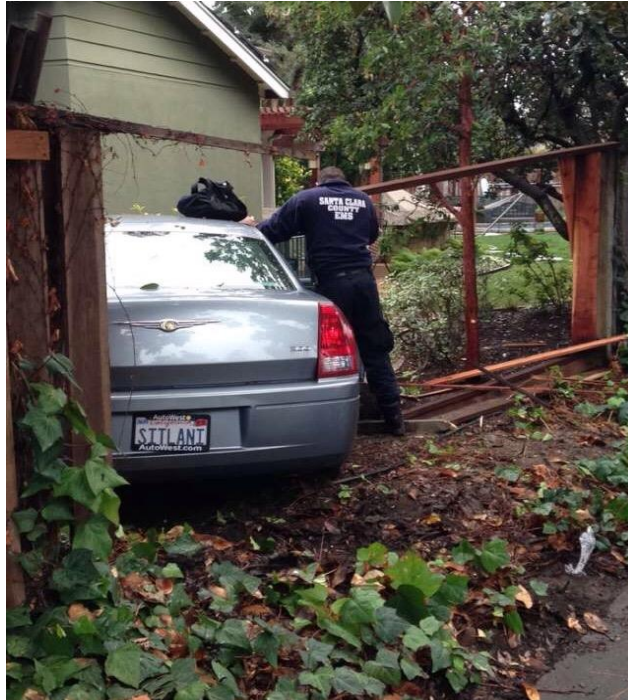
1. Approve plans and specifications for Metal Beam Guardrail Installation, Project 19-58, and authorize staff to advertise the project for bids.
2. Authorize the City Manager to award the construction contract to the lowest responsible bidder if the low bid is within the project budget.

BACKGROUND

At the intersections of Grant Road/South Drive and East Dana Street/Moorpark Way, vehicles have collided with the adjacent resident's property multiple times.

On September 30, 2015, Police reported a vehicle went through a resident's backyard fence when making a left turn from eastbound South Drive to northbound Grant Road (see Figure 1). Three similar accidents have occurred over the past five years.

Figure 1 – Vehicle Collision at Grant Road/South Drive



On May 4, 2016, Police reported a vehicle accident occurred at the T-intersection of East Dana Street and Moorpark Way (see Figure 2). The driver drove through the stop sign and hit the property owner's concrete wall.

Figure 2 – Vehicle Collision at East Dana Street/Moorpark Way



The City has provided temporary measures by installing a water-filled barrier system at both intersections in 2016 (see Figures 3 and 4). These barriers have been hit and replaced.

Figure 3 – Vehicle Collision at East Dana Street/Moorpark Way



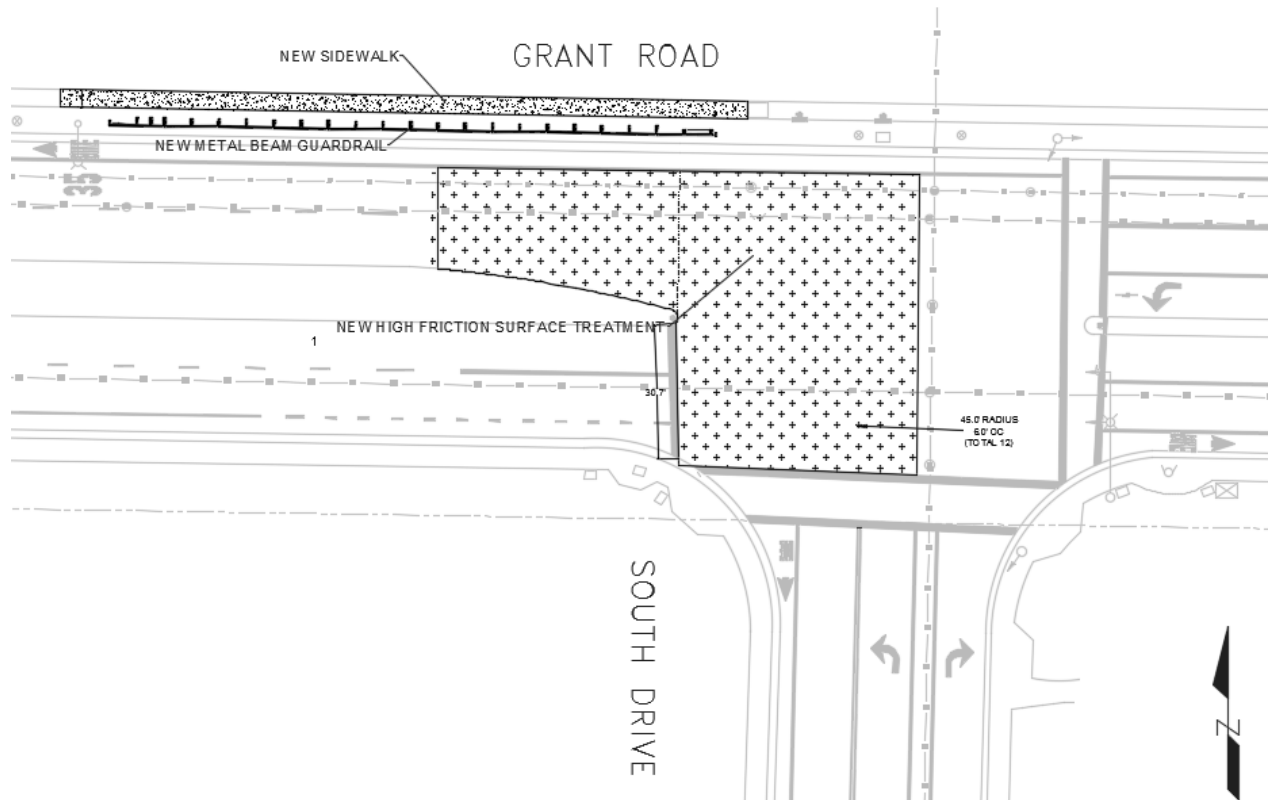
Figure 4 – Temporary Barrier System at Grant Road/South Drive



ANALYSIS

The project aims to enhance safety for pedestrians, drivers, and property owners at both intersections by installing a metal beam guardrail between the curb and the sidewalk. In addition, high-friction surface treatment will also be installed at the Grant Road/South Drive intersection. The sidewalk will need to be widened at both intersections. Figure 5 shows the new proposed guardrail on the sidewalk with the high-friction surface treatment on the pavement at South Drive and Grant Road. Similar improvements will be installed at Dana Street and Moorpark Way with the exception of the high-friction surface treatment on the pavement.

Figure 5 – Proposed Improvements of Grant Road/South Drive



FISCAL IMPACT

The design and construction of this project are funded by the Construction/Conveyance Tax Fund with a total budget of \$585,000. The estimated project cost is as follows:

Construction	\$360,000
Construction Contingency	50,000
Engineering and Design	40,000
Project Management	40,000
Construction Administration and Inspection	40,000
 Subtotal	 \$530,000
 City Administration	 <u>38,000</u>
 TOTAL	 <u>\$568,000</u>

Construction is expected to begin in November 2019 and be completed in June 2020.

ENVIRONMENTAL CLEARANCE

In accordance with the requirements of the California Environmental Quality Act (CEQA), this project has been determined to be categorically exempt as it involves making minor alterations to existing streets, sidewalks, gutters, and bicycle and pedestrian trails (CEQA Article 19, Class 1, Section 15301(c)).

ALTERNATIVES

1. Do not authorize advertisement for bids and defer project.
2. Provide other direction.

PUBLIC NOTICING

Agenda posting and noticing for this meeting included an announcement on the City's website. Also, residents who have expressed an interest in this project were notified in person.

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GW/CL/5/CAM/938-10-15-19CR/190621

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