

Handout #3

PROPOSED TRAFFIC IMPROVEMENTS

The traffic improvements listed on this handout were either previously developed through the City's Transportation Improvement Fund Program (denoted by *) and/or through the development of the CLASP at Citizens Advisory Committee meetings and public hearings before the Planning Commission.

CLASP PROPOSED TRAFFIC IMPROVEMENTS

1. Doherty Drive Improvements

Standard 1. Doherty Drive Improvements Standards. The following standards shall be applied to the Doherty Drive improvements from Magnolia Avenue to the entrance to Redwood High School:

1.A. Road Width. The road shall be reconstructed to provide a travel lane in each direction and a center turning lane that will extend from Larkspur Plaza Drive to the entrance to Piper Park. Adequate shoulders shall be provided to safely accommodate cyclists using the roadway, particularly on the north side of the road.

1.B Bikeway. A Class 1 bikeway shall be incorporated along the south side of the right-of-way.

1.C Hall School. Vehicle ingress and egress from the Hall Middle School site shall be modified to relieve congestion along Doherty Drive. Concurrent with the reconstruction of the Larkspur Plaza Drive intersection, the west leg of the school's access loop shall be modified so that exiting vehicles are routed onto Larkspur Plaza Drive (see Figure 5.2 in the CLASP).

1.D Bus Stop. The Golden Gate Transit District bus stop at Hall Middle School should be relocated westward to the vicinity of the planned pedestrian bicycle crossing of Doherty Drive at Larkspur Plaza Drive.

1.E Doherty Bridge. The planned replacement bridge for the existing Doherty Drive bridge over Larkspur Creek shall be designed to provide adequate sight lines for both pedestrians and motorists at the Piper Park intersection. It shall also be wide enough to allow construction of a Class 1 bikeway along its south side.

1.F. Magnolia/Doherty Intersection. At the approach to and intersection with Magnolia Avenue the north-side curb of Doherty Drive shall be extended to provide space for a Class 1 bikeway connection to the Class 1 bikeway that currently terminates on Magnolia Avenue approximately 150 feet north of the Magnolia/Doherty Drive intersection.

2. Doherty Drive/Larkspur Plaza Drive Intersection Improvements

Standard T-2. Traffic Lights. The intersection shall be fully signalized. Signal timing shall be set to give precedence to and provide adequate crossing time for pedestrians and bicyclists during times of anticipated heavy pedestrian and bicycle movement. The signal shall be designed to allow manual override by pedestrians and bicyclists at other times. Consider installing a detector in the roadbed that is sensitive to bicyclists and marking its location.

Standard T-3. Changes In Roadway Paving Materials. Changes in roadway paving materials (both color and texture) should be designed and applied to increase motorist awareness of the crosswalk and decrease the speed of vehicles within the intersection (see Figure 5.3 in the CLASP).

Standard T-4. Advance Intersection Warning. Bands of coarse-textured paving should be installed approximately 100 feet in each direction from the intersection to warn motorists of the approaching major crosswalk.

3. Doherty Drive/Piper Park Entrance Intersection.

Policy T-4. Doherty Drive/Piper Park Entrance Intersection. The new intersection at the entrance to Piper Park shall incorporate the same features listed in Policy 3 [Note: Policy 3 simply refers to Standards 2, 3 and 4] and Standards 2, 3, and 4, with the exception of traffic signals. The final design of traffic controls at this intersection shall be based on a warrants study.

PROPOSED TRAFFIC MITIGATION MEASURES

(Those currently included in the City's Transportation Improvement Fund Program are indicated with an "*".)

- *1. 4.7-1: Install traffic signal at Doherty Drive/Riviera Circle/Redwood High School.
- *2. 4.7-2: Remove parking and add southbound and westbound left turn lanes at East Ward Street/Magnolia Avenue.
- *3. 4.7-3: Install traffic signal at King Street/Magnolia Avenue.
4. Cumulative 4.7.11: Wornum Drive/Tamal Vista Blvd.: Reconfigure northbound approach to provide dedicated right turn and through lane at Wornun Drive/Tamal Vista Boulevard. (Note: This measure has been implemented.)
5. Cumulative 4.7-12: Optimize and Coordinate Signals at Fifer Avenue/Tamal Vista Boulevard.
6. 4.7.13: Install traffic signal at Doherty Drive/Piper Park. (Note: A warrants study will not justify signal; identified as an unavoidable significant impact if not implemented.)