

Memorandum

To: Nevin Sams
Safety Program Advisor

Date: 3/14/06

File: Laurel Curve Safety
Project
05-SCr-17-9.4/9.6
05-0G410_

From: Steven DiGrazia
DEPARTMENT OF TRANSPORTATION
Project Manager

Subject: Fact Sheet

Project Objective and Description

The objective of the project is to decrease the number and severity of collisions at the intersection of Laurel Road and Route 17. In order to achieve this goal, the following improvements will be built: Lane width and horizontal alignment will be brought to standard. Shoulder widths will be improved. These changes will provide vehicles with improved handling and control and more clear recovery area in the event that a vehicle leaves the designated lane of travel. Site drainage will be improved to further enhance driver control. Median and edge of roadway barriers will be improved by being upgraded to current standards.

Schedule

The project is scheduled to begin construction in early April 2006. Construction is expected to last for about 11 months. An additional year will be needed to ensure establishment of the new landscape plants.

Traffic Management

A significant challenge involves staging heavy construction activities while maintaining traffic flow on this highly utilized highway. The resulting traffic management plan includes numerous items from public information to physical staging of the construction.

Public information mailings and media publishing will be used. The primary target of this information will be commuters in Santa Cruz, Scotts Valley and affected communities in Santa Clara County. Information regarding scheduled construction operations, lane closures and other relevant information will be shared.

Other Traffic Management elements will include CHP enhanced enforcement, Changeable Message Signs, Highway Advisory Radio (portable), incentives for the contractor to complete work ahead of schedule, disincentives to completing the

contract late, emergency detour plan, emergency notification plan, weather conditions plan and many other items.

The project utilizes extensive staging to minimize impacts to traffic. Most of the work will be conducted at night. (See attached lane closure chart.) During nighttime work, two northbound lanes and one southbound lane will remain open. During pile driving operations on the southbound side of the road, one lane northbound and southbound will be open to traffic. This will occur for approximately 30 days or less. Lane configuration changes will be accomplished using a special movable barrier system. During daytime hours, including commute hours, all four lanes will remain open to traffic.

This is a brief summary of the project information. If you need more detailed information, please call me at 805-549-3437.

CC: Boris Ayaviri, Deb Larson, Paul McClintic, Chris Gardner, Colin Jones, Shayne Sandeman

ATTACHMENT: Lane Closure Charts

Chart No. 1 Multilane Lane Requirements																								
Location: SCr-17 PM 9.41/9.64												Direction: Southbound												
FROM HOUR TO HOUR	a.m.											p.m.												
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11
Mondays through Thursdays	1	1	1	1	1	1	1	1	1	1	1										1	1	1	1
Fridays	1	1	1	1	1	1	1	1	1	1	1											1	1	1
Saturdays	1	1	1	1	1	1	1	1													1	1	1	1
Sundays	1	1	1	1	1	1	1	1													1	1	1	1
Day before designated legal holiday																								
Designated legal holidays																								
Legend:																								
1 One lane open in direction of travel																								
No lane closure allowed																								
REMARKS: This lane closure chart is applicable the Friday before Memorial Day through Labor Day. EA: 0G4101 Prepared by S Sandeman Date: 10/5/05 Chart valid up to one year prior to contract advertisement.																								

**Chart No. 2
Multilane Lane Requirements**

Location: SCr-17 PM 9.41/9.643						Direction: Northbound																				
	a.m.										p.m.															
FROM HOUR TO HOUR	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
Mondays through Thursdays	1	1	1	1	1							1	1	1	1								1	1	1	1
Fridays	1	1	1	1	1							1	1	1	1								1	1	1	1
Saturdays	1	1	1	1	1	1	1	1	1															1	1	
Sundays	1	1	1	1	1	1	1	1	1															1	1	
Day before designated legal holiday																										
Designated legal holidays																										

Legend:
 1 One lane open in direction of travel

 _____ No lane closure allowed

REMARKS: This lane closure chart is applicable the Friday before Memorial Day through Labor Day.
 EA: 0G4101
 Prepared by S Sandeman
 Date: 10/5/05 Chart valid up to one year prior to contract advertisement.

**Chart No. 3
Multilane Lane Requirements**

Location: SCr-17 PM 9.41/9.64						Direction: Southbound																				
	a.m.										p.m.															
FROM HOUR TO HOUR	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
Mondays through Thursdays	1	1	1	1	1	1	1	1	1	1	1	1	1										1	1	1	1
Fridays	1	1	1	1	1	1	1	1	1	1	1	1											1	1	1	1
Saturdays	1	1	1	1	1	1	1	1	1	1													1	1	1	1
Sundays	1	1	1	1	1	1	1	1	1	1													1	1	1	1
Day before designated legal holiday																										
Designated legal holidays																										

Legend:
 1 One lane open in direction of travel

 _____ No lane closure allowed

REMARKS: This lane closure chart is applicable the Tuesday after Labor Day through the Thursday before Memorial Day.
 EA: 0G4101
 Prepared by S Sandeman
 Date: 10/5/05 Chart valid up to one year prior to contract advertisement.

**Chart No. 4
Multilane Lane Requirements**

Location: SCr-17 PM 9.41/9.643

Direction: Northbound

FROM HOUR TO HOUR	a.m.											p.m.																				
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12							
Mondays through Thursdays	1	1	1	1	1							1	1	1	1	1									1	1	1	1	1			
Fridays	1	1	1	1	1																								1	1	1	1
Saturdays	1	1	1	1	1	1	1	1	1																					1	1	
Sundays	1	1	1	1	1	1	1	1	1																				1	1	1	1
Day before designated legal holiday																																
Designated legal holidays																																

Legend:

1 One lane open in direction of travel

 No lane closure allowed

REMARKS: This lane closure chart is applicable the Tuesday after Labor Day through the Thursday before Memorial Day.

EA: 0G4101

Prepared by S Sandeman

Date: 10/5/05 Chart valid up to one year prior to contract advertisement.