

Project Title: SR-82/Millwood Drive Intersection Signalization
Project Summary for Air Quality Conformity Task Force Meeting: 8/25/11

Description

This project proposes to install traffic signals at the intersection of SR 82 (El Camino Real) and Millwood Drive in the City of Millbrae in San Mateo County to prevent collisions associated with left-turning traffic from Millwood Drive onto Route 82.

Background

- Categorical Exemption scheduled for approval in Sept. 2011
- No NEPA document but the project uses federal funds
- This project is exempt from regional conformity under 40 CFR 93.127, however a hot-spot analysis is required for CO and PM_{2.5}

Not a Project of Air Quality Concern (40 CFR 93.123(b)(1))

(i) New or expanded highway projects with significant number/increase in diesel vehicles?

- Not a new or expanded highway project

(ii) Affects intersections at LOS D, E, or F with a significant number of diesel vehicles?

- Percent of 3-Axle and above Trucks: .805 %
- The highest 3-Axle and above truck volumes on El Camino Real (total northbound + southbound) are 295 in year 2014 and 435 in year 2035
- The project is not in a location where signalization would encourage a higher use of heavy-duty truck traffic

(iii) New bus and rail terminals and transfer points?—Not Applicable

(iv) Expanded bus and rail terminals and transfer points?—Not Applicable

(v) Affects areas identified in PM₁₀ or PM_{2.5} implementation plan as site of violation?

- No state implementation plan for PM_{2.5}
- Therefore, not identified in plan as an area of potential violation.

Project Assessment Form for PM_{2.5} Interagency Consultation

RTIP ID# <i>(required)</i>				
TIP ID# <i>(required)</i>				
Air Quality Conformity Task Force Consideration Date August 2011				
<p>Project Description New traffic signals will be installed at the intersection of Millwood Drive and El Camino Real without pavement widening. The wheelchair ramps will be modified to the latest standards. Three existing power poles on the east side of the El Camino Real/Millwood Drive Intersection and two on Millwood Drive will be relocated to avoid conflict with the new traffic signals.</p> <p>The project is currently not programmed in the TIP but is scheduled to be included in the 2012 State Highway Operation and Protection Program (SHOPP). It will be listed in the TIP as one of a group of projects under Collision Reduction.</p>				
Type of Project: Intersection signalization				
County San Mateo		Narrative Location/Route & Postmiles SM 82 PM 17.08 Caltrans Projects – EA# 1G540K		
Lead Agency: Caltrans				
Contact Person Nandini Shridhar		Phone# 510-286-4892	Fax#	Email Nandini_shridhar@dot.ca.gov
Federal Action for which Project-Level PM Conformity is Needed				
x	Categorical Exclusion (NEPA)	EA or Draft EIS	FONSI or Final EIS	PS&E or Construction
				Other
Scheduled Date of Federal Action: 9/11				
NEPA Delegation – Project Type				
Exempt		x	Section 6004 – Categorical Exemption	Section 6005 – Non-Categorical Exemption
Current Programming Dates				
	PE/Environmental	ENG	ROW	CON
Start	5/11	9/11	4/12	3/13
End	9/11	7/12	10/12	9/13
<p>Project Purpose and Need (Summary): This project proposes to install traffic signals at the intersection of SR 82 and Millwood Drive in the City of Millbrae to prevent collisions associated with left-turning traffic from Millwood Drive onto Route 82.</p>				

PM_{2.5} Project Assessment Form for Interagency Consultation

Surrounding Land Use/Traffic Generators

Millwood Drive in the City of Millbrae forms a T-intersection with SR 82. There are hotel buildings on the east and west side of El Camino Real. Two blocks away from El Camino Real, Millwood Drive leads to Capuchino High School. The Shaw Candy site at the corner of Millwood and El Camino Real was approved by Millbrae's Planning Commission in early January 2011 for a new Big 5 store. It is likely that there will be some driveway reconfigurations on Millwood.

Brief summary of assumptions and methodology used for conducting analysis Truck percentages were taken from 2009 Annual Average Daily Truck Traffic on the California State Highway System (December 2010). Association of Bay Area Governments land use forecasts show no change in land use for the project area, so truck percentages are predicted to remain constant. Total volumes are based on a regional transportation demand model for San Mateo county.

Opening Year: If facility is a highway or street, Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility
N/A

RTP Horizon Year / Design Year: If facility is a highway or street, Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility
N/A

Project Assessment Form for PM_{2.5} Interagency Consultation

Opening Year: If facility is an interchange(s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT

The project does not add capacity; the volumes for build and no-build are the same. Truck percents are the same for build and no-build and are not predicted to change in the future.

Truck percent, 3-Axle and above: .805 %

Highest Truck volume, 3-Axle and above AADT for northbound + southbound El Camino Real: 295

Northbound El Camino Real (ECR) 2014		
	AADT total traffic	AADT 3-Axle and above
ECR before Millwood	19863	160
Left Turn onto Millwood	520	4
U-Turn onto Southbound ECR	358	3
Onto ECR from Millwood	212	2
ECR after Millwood	19197	155

Southbound El Camino Real (ECR) 2014		
	AADT total traffic	AADT 3-Axle and above
ECR before Millwood	16311	131
Left Turn onto Millwood	366	3
U-Turn onto Southbound ECR	347	3
Onto ECR from Millwood	478	4
ECR after Millwood	16771	135

PM_{2.5} Project Assessment Form for Interagency Consultation

RTP Horizon Year / Design Year: If facility is an interchange (s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT
 Truck percent, 3-Axle and above: .805%
 Highest Truck volume, 3-Axle and above AADT for northbound + southbound El Camino Real: 435

Northbound El Camino Real (ECR) 2035		
	AADT total traffic	AADT 3-Axle and above
ECR before Millwood	30156	243
Left Turn onto Millwood	790	6
U-Turn onto Southbound ECR	492	4
Onto ECR from Millwood	323	3
ECR after Millwood	29197	235

Southbound El Camino Real (ECR) 2035		
	AADT total traffic	AADT 3-Axle and above
ECR before Millwood	23122	186
Left Turn onto Millwood	518	4
U-Turn onto Southbound ECR	492	4
Onto ECR from Millwood	678	6
ECR after Millwood	23774	191

Opening Year: If facility is a bus, rail or intermodal facility/terminal/transfer point, # of bus arrivals for Build and No Build, % and # of bus arrivals will be diesel buses
 N/A

RTP Horizon Year / Design Year: If facility is a bus, rail or intermodal facility/terminal/transfer point, # of bus arrivals for Build and No Build, % and # of bus arrivals will be diesel buses
 N/A

Describe potential traffic redistribution effects of congestion relief
 The project does not add capacity and is not expected to impact other facilities.

Project Assessment Form for PM_{2.5} Interagency Consultation

Comments/Explanation/Details

This is not a project of air quality concern as defined in 40 CFR 93.123(b)(1) because:

(i) New or expanded highway projects with significant number/increase in diesel vehicles?

- Not a new or expanded highway project

(ii) Affects intersections at LOS D, E, or F with a significant number of diesel vehicles?

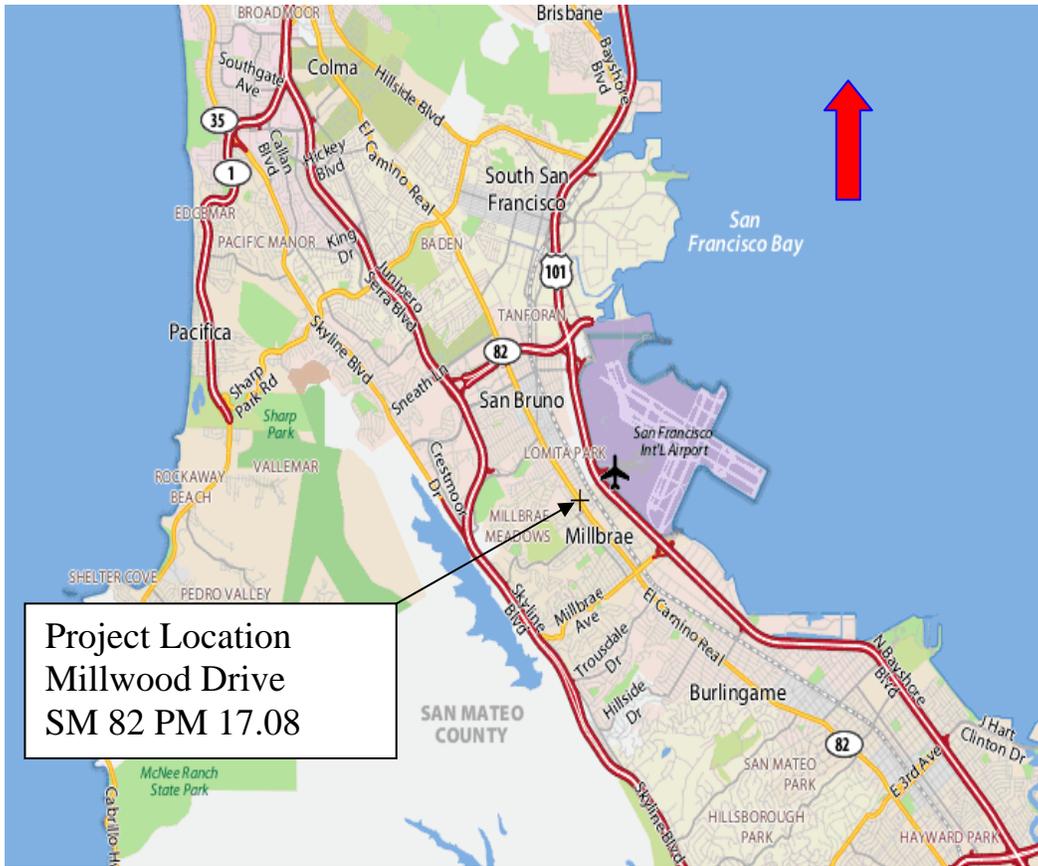
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Project Location

State Route 82 (El Camino Real)/Millwood Land Use

