

PM Conformity Hot Spot Analysis Project Summary Form for Interagency Consultation

RTIP ID# <i>(required)</i> LALS06					
TCWG Consideration Date September 22, 2015					
Project Description <i>(clearly describe project)</i> Caltrans District 7 in cooperation with the City of Long Beach proposes conversion of a through lane to an optional left and through lane along the northbound (NB) Cherry Avenue and along the southbound (SB) Paramount Blvd at the interchanges with State Route 91 (SR-91). The existing left-turn lane and the other through lane along the NB Cherry Ave and SB Paramount Blvd will remain unchanged. The existing HOV preferential lane on the westbound SR-91 on-ramp from Cherry Avenue will be converted to a metered mixed flow lane. Other project features include modification of traffic signal and ADA improvements.					
Type of Project <i>(use Table 1 on instruction sheet)</i> Change to existing regionally significant street					
County Los Angeles	Narrative Location/Route & Postmiles SR-91 12.9/13.7 Caltrans Projects – EA# 4T770				
Lead Agency: Caltrans					
Contact Person Andrew Yoon	Phone# 213-897-6117	Fax# 213-897-1634	Email Andrew.yoon@dot.ca.gov		
Hot Spot Pollutant of Concern <i>(check one or both)</i> PM2.5 x PM10 x					
Federal Action for which Project-Level PM Conformity is Needed <i>(check appropriate box)</i>					
x	Categorical Exclusion (NEPA)	EA or Draft EIS	FONSI or Final EIS	PS&E or Construction	Other
Scheduled Date of Federal Action: N/A					
NEPA Assignment – Project Type <i>(check appropriate box)</i>					
Exempt		x	Section 326 –Categorical Exemption		Section 327 – Non-Categorical Exemption
Current Programming Dates <i>(as appropriate)</i>					
	PE/Environmental	ENG	ROW	CON	
Start	05/15	08/15	08/15	05/16	
End	10/15	10/15	10/15	06/17	
Project Purpose and Need (Summary): <i>(attach additional sheets as necessary)</i> This project was initiated as a result of concern expressed by a Long Beach resident. Caltrans District 7 received a phone call from the City of Long Beach regarding concerns about safety and operation along the NB Cherry Avenue to WB SR-91 as well as along the SB Paramount Blvd to EB SR-91. The City recommended conversion of the existing through lane to an optional left and through lane for: NB Cherry Avenue to WB SR-91; and SB Paramount Blvd to EB SR-91. Caltrans Office of Traffic Investigations, based on its review of traffic data and study, concurred with the City and determined that the recommended improvements are warranted. The proposed project is anticipated to improve safety and operation within the project limits.					

Surrounding Land Use/Traffic Generators (especially effect on diesel traffic)

The project area is within the City of Long Beach in Los Angeles County. Existing land uses surrounding the proposed project site includes single-family residential and commercial uses.

Opening Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility

Cherry Ave/WB & EB Ramps			
Opening (2016)	ADT	TRUCK %	TRUCK ADT
Cherry Ave N/O WB ramps	15267	2	305
Cherry Ave between WB/EB ramps	14850	2	297
Cherry Ave S/O EB ramps	16517	2	330
WB on ramp	4692	2	94
WB off ramp	3525	2	71
EB on ramp	6816	2	136
EB off ramp	4483	2	90

Note: No-Build and Build Data are the same

Paramount BI/WB & EB Ramps			
Opening (2016)	ADT	TRUCK %	TRUCK ADT
Paramount BI N/O WB ramps	14883	2	298
Paramount BI between WB/EB ramps	14375	2	288
Paramount BI S/O EB ramps	16067	2	321
WB on ramp	4525	2	91
WB off ramp	3317	2	66
EB on ramp	6500	2	130
EB off ramp	4317	2	86

Note: No-Build and Build Data are the same

Opening (2016)	LOS				DELAY			
	NO-BUILD		BUILD		NO-BUILD		BUILD	
	AM	PM	AM	PM	AM	PM	AM	PM
Cherry Ave & WB ramps	B	A	A	B	12.6	18.7	13.4	15
Cherry Ave & EB ramps	B	A	A	B	12.7	13.8	14.5	14.8
Paramount BI & WB ramps	B	C	A	C	13.3	22.4	7.6	22.9
Paramount BI & EB ramps	B	C	A	B	17.2	22.9	8.0	18.2

RTP Horizon Year / Design Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility

Cherry Ave/WB & EB Ramps			
Horizon (2040)	ADT	TRUCK %	TRUCK ADT
Cherry Ave N/O WB ramps	17099	2	342
Cherry Ave between WB/EB ramps	16632	2	333
Cherry Ave S/O EB ramps	18499	2	370
WB on ramp	5255	2	105
WB off ramp	3948	2	79
EB on ramp	7635	2	153
EB off ramp	5021	2	100

Note: No-Build and Build Data are the same

Paramount BI/WB & EB Ramps			
Horizon (2040)	ADT	TRUCK %	TRUCK ADT
Paramount BI N/O WB ramps	16669	2	333
Paramount BI between WB/EB ramps	16100	2	322
Paramount BI S/O EB ramps	17995	2	360
WB on ramp	5068	2	101
WB off ramp	3715	2	74
EB on ramp	7280	2	146
EB off ramp	4835	2	97

Note: No-Build and Build Data are the same

Horizon (2040)	LOS				DELAY			
	NO-BUILD		BUILD		NO-BUILD		BUILD	
	AM	PM	AM	PM	AM	PM	AM	PM
Cherry Ave & WB ramps	B	C	B	B	14.3	22.5	13.8	16.8
Cherry Ave & EB ramps	B	B	B	B	13.9	15.9	15.6	16.8
Paramount BI & WB ramps	B	C	B	C	15.5	32.4	10.6	30.9
Paramount BI & EB ramps	C	D	A	C	20.4	35.0	8.9	21.5

Describe potential traffic redistribution effects of congestion relief (impact on other facilities)
 This project consists of conversion of a through movement to an optional left/through lane, modification of traffic signal at the interchanges of SR-91 with Cherry Avenue and with Paramount Blvd, and conversion of the on-ramp HOV preferential lane to a metered lane at Cherry Avenue on-ramp. The proposed project is not anticipated to result in traffic redistribution, but rather is anticipated to improve local access, traffic circulation, operation, and safety within the project area.

Comments/Explanation/Details *(attach additional sheets as necessary)*

This project qualifies for Section 6004 of SAFETEA-LU. This Categorical Exclusion (CE) project is proposed to improve safety and operation at the interchanges of SR-91 with Cherry Avenue and with Paramount Blvd. As shown above, the projected 2040 Build ADT, truck percentage, AM and PM intersection LOS at the interchanges of Cherry Avenue/WB & EB ramps as well as of Paramount Avenue/WB & EB ramps are far less than those criteria listed in the 40 CFR 92.123(b)(1)(i) through (iv). Furthermore, the proposed project is anticipated to enhance traffic operations through the interchanges. Based on the information in the summary form, Caltrans District 7 considers that the proposed project would not be of air quality concern for PM_{2.5} and PM₁₀.