

Appendix E. Required Consultation/Concurrence Documentation

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STATE OF CALIFORNIA—CALIFORNIA STATE TRANSPORTATION AGENCY

EDMUND G. BROWN Jr., Governor



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Carlsbad Fish And Wildlife Office
2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385
Phone: (760) 431-9440 Fax: (760) 431-5901
<http://www.fws.gov/carlsbad/>



In Reply Refer To:

February 07, 2019

Consultation Code: 08ECAR00-2017-SLI-1171

Event Code: 08ECAR00-2019-E-00997

Project Name: The Northbound State Route 57 (SR-57) Improvement Project

Subject: Updated list of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, and proposed species, designated critical habitat, and candidate species that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(c) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

08/23/2018

Event Code: 08ECAR00-2018-E-03528

1

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Carlsbad Fish And Wildlife Office
2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385
(760) 431-9440

02/07/2019

Event Code: 08ECAR00-2019-E-00997

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A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

02/07/2019

Event Code: 08ECAR00-2019-E-00997

1

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

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02/07/2019

Event Code: 08ECAR00-2019-E-00997

2

Project Summary

Consultation Code: 08ECAR00-2017-SLI-1171

Event Code: 08ECAR00-2019-E-00997

Project Name: The Northbound State Route 57 (SR-57) Improvement Project

Project Type: TRANSPORTATION

Project Description: The Northbound State Route 57 (SR-57) Improvement Project (Project) from Orangewood Avenue to Katella Avenue in the cities of Anaheim and Orange. The total length of the Project is about 1 mile between the Orangewood Avenue and Katella Avenue interchanges (Postmile [PM] 11.5 to 12.5). The Project as proposed improves operational deficiencies and relieves congestion in the northbound direction of SR 57. The improvements include the construction of a small missing section of the fifth general purpose lane in the northbound direction of SR 57.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/33.79864769619013N117.87759760227533W>



Counties: Orange, CA

02/07/2019

Event Code: 08ECAR00-2019-E-00997

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Endangered Species Act Species

There is a total of 4 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Birds

NAME	STATUS
Coastal California Gnatcatcher <i>Poliophtila californica californica</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8178	Threatened
Least Bell's Vireo <i>Vireo bellii pusillus</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5945	Endangered

Fishes

NAME	STATUS
Santa Ana Sucker <i>Catostomus santaanae</i> Population: 3 CA river basins There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/3785	Threatened

02/07/2019

Event Code: 08ECAR00-2019-E-00997

4

Flowering Plants

NAME	STATUS
Ventura Marsh Milk-vetch <i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/1160	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

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STATE OF CALIFORNIA—CALIFORNIA STATE TRANSPORTATION AGENCY

EDMUND G. BROWN Jr., Governor

DEPARTMENT OF TRANSPORTATION
DISTRICT 12
DIVISION OF ENVIRONMENTAL PLANNING
1750 E 4th STREET #100
SANTA ANA, CA 92705
PHONE (657) 328-6000
www.dot.ca.gov



*Make Conservation
A California Way of Life*

August 23, 2018

Ms. Stacy Blackwood
Director
Orange County Parks
13042 Old Myford Road
Irvine, CA 92692

Dear Ms. Blackwood:

**Re: State Route 57 Northbound Improvement Project - Coordination Letter for the Section 4(f)
De Minimis Preliminary Determination for the Santa Ana River Trail**

The California Department of Transportation (Caltrans) District 12, as the lead agency under the California Environmental Quality Act (CEQA) and National Environmental Policy Act (NEPA), in coordination with the Orange County Transportation Authority (OCTA) as the funding agency, proposes to widen the northbound side of the State Route (SR) 57 freeway from 0.3 mile south of the Orangewood Avenue undercrossing (post mile [PM] 11.5) north to the Katella Avenue undercrossing (PM 12.5), about one mile. Caltrans is preparing an Initial Study (IS) with Proposed Mitigated Negative Declaration (MND)/Environmental Assessment (EA).

The Federal Highway Administration (FHWA) assigned, and Caltrans assumed effective July 1, 2007 under the NEPA Pilot Program, all the Secretary of the United States Department of Transportation responsibilities under NEPA for environmental coordination and consultation under federal environmental laws pertaining to the review or approval of projects. Under a Memorandum of Understanding (MOU), effective October 1, 2012, and pursuant to MAP-21, Caltrans has continued to assume FHWA's responsibilities under NEPA and other federal environmental laws for projects on California's State Highway System (SHS) and for federal-aid local streets and roads projects. Caltrans is authorized to be acting as the FHWA with respect to the environmental review, consultation, and other actions required under those responsibilities.

Effective March 30, 2017, FHWA lifted the suspension on NEPA Assignment and authorized Caltrans to resume participation in NEPA Assignment under the 23 USC 326 and 23 USC 327 MOUs. Caltrans' participation in the NEPA Assignment Program was suspended on January 1, 2017 when Section 820.1 of the California Streets and Highways Code was repealed and California's waiver of sovereign immunity expired. The waiver of immunity was reinstated on March 29, 2017, when California Governor Brown signed into law Assembly Bill (AB) 28, which added back Section 820.1 to the Streets

Section 4f Coordination Letter

and Highways Code. Under Section 820.1, California consents to the jurisdiction of federal courts for actions and decisions made by Caltrans under the 23 USC 326 and 23 USC 327 MOUs.

The proposed project will receive federal funding and/or discretionary approvals through the U.S. Department of Transportation (i.e. FHWA); therefore, documentation of compliance with Section 4(f) is required. The purpose of this letter is to provide you with a brief project description, familiarize you with the Section 4f Transportation Act, inform you that Caltrans has made a Preliminary De minimis Determination and share with you the project schedule pertaining to this 4f concurrence process.

Section 4(f) of the federal Department of Transportation Act of 1966 (49 U.S.C. 303) declares that “[i]t is the policy of the United States government that special effort should be made to preserve the natural beauty of the countryside and public park and recreation lands, wildlife and waterfowl refuges, and historic sites.” Pursuant to Section 4(f) of the Department of Transportation Act of 1966 (Title 49 USC Section 303) and 23 CFR 774.17, the Santa Ana River Trail (SART) with co-located bicycle path is recognized as a Section 4(f) resource. As the owner and operator of the trail you are receiving this letter as part of Caltrans requirements for coordination and documentation of agreement from the official(s) with jurisdiction over the Section 4(f) resource, regarding the conditions cited in this letter.

De minimis impacts on publicly owned parks are defined as impacts that do not adversely affect the activities, features, and attributes that qualify the property for protection under the requirements of Section 4(f). Accordingly, a Preliminary Section 4(f) De minimis Determination is being proposed. The Resource Evaluation currently under preparation that will be available for review during public circulation of the environmental document (anticipated Fall 2018) identifies the Section 4(f) resources in the Project area, describes the nature and extent of the potential effects on the resources and describes measures to minimize harm to the affected resources.

The following paragraphs discuss the purpose and need and project alternatives being evaluated as part of the Draft Environmental Document.

Purpose

The purpose of the proposed project is to:

- Relieve existing and future northbound SR 57 congestion and improve mobility on the regional transportation system by adding capacity.
- Extend the northbound SR 57 fifth GP lane between Orangewood Avenue and Katella Avenue to establish lane continuity.
- Improve northbound SR 57 freeway operations by eliminating and reducing existing nonstandard design deficiencies and improving weave length between interchanges.

Need

The project is intended to address the following needs:

- SR 57 is currently congested during peak periods, and the future northbound SR 57 mainline between the Orangewood Avenue and Katella Avenue interchanges is forecast to lack sufficient capacity, which will result in poor mobility.

Section 4f Coordination Letter

- The existing northbound SR 57 mainline lacks continuity in the fifth general purpose lane from the Orangewood Avenue northbound on-ramp to 550 feet immediately north of the Katella Avenue northbound off-ramp.
- Several existing nonstandard design deficiencies, including weaving and merging issues, adversely affect freeway operations.

Four alternatives are being evaluated for the proposed Project. These alternatives include the No-Build Alternative (Alternative 1) and three Build Alternatives referred to as Alternatives 2, 2A, and 2B. A brief description of the three build alternatives is provided below:

- **Alternative 2** would widen the Stadium OH Bridge over Douglass Road. Widening the Stadium OH Bridge would improve the weaving length between the westbound Orangewood Avenue on-ramp and the Katella Avenue off-ramp from 1,310 feet to 1,361 feet. The weave length however, would remain nonstandard. Alternative 2 would maintain the westbound Orangewood slip on-ramp to northbound SR 57, but would move the on-ramp east of its current location. The ramp would be reconfigured to a 90-degree angle signalized intersection with Orangewood Avenue. The eastbound Orangewood loop on-ramp to northbound SR 57 would be relocated eastward opposite the newly located slip on-ramp. Both eastbound and westbound traffic that currently access the freeway from the uncontrolled loop- and slip-ramps would be controlled by a new signalized intersection.
- **Alternative 2A** would construct a new northbound Katella Avenue off-ramp bridge instead of widening the existing Stadium OH Bridge. Constructing a new bridge structure would improve the weaving length between the eastbound Orangewood Avenue on-ramp to Katella Avenue off-ramp from 1,310 feet to 2,000 feet meeting current design standard requirements. The new off-ramp bridge would have two lanes transitioning to three lanes at the Katella Avenue intersection and would be longer to increase ramp storage capacity. Like Alternative 2, the eastbound Orangewood loop on-ramp to northbound SR 57 would be relocated eastward opposite the newly located slip on-ramp. Both eastbound and westbound traffic that currently access the freeway from the uncontrolled loop- and slip-ramps would be controlled by a new signalized intersection. Alternative 2A would also remove the westbound Orangewood Avenue slip on-ramp redirecting westbound traffic to a dual left-turn movement onto the eastbound Orangewood loop on-ramp. A third lane would be constructed for the loop on-ramp to accommodate the increased traffic volumes. A fully signalized intersection on Orangewood Avenue would be constructed to control both eastbound and westbound vehicular access to the modified Orangewood Avenue loop on-ramp.
- **Alternative 2B** would widen the Stadium OH Bridge over Douglass Road like Alternative 2. Alternative 2B would also remove the westbound Orangewood Avenue slip on-ramp like Alternative 2A. The weaving length between the eastbound Orangewood Avenue on-ramp to Katella Avenue off-ramp would be increased from 1,310 feet to 2,475 feet exceeding the current design standard requirements. Modifications to the Orangewood Avenue intersection, as well as the eastbound and westbound on-ramps to northbound SR 57 would be the same as those described under Alternative 2A.

Section 4f Coordination Letter

The proposed Project would result in a direct use of the SART and co-located bicycle path through periodic access and temporary closures; however, Caltrans anticipates this use would not diminish the functions of the trail and bike path and would not adversely affect the activities, features, and attributes that qualify the project for protection under the requirements of Section 4(f). Further consultation is necessary to confirm the de minimis impact findings of this direct use under Section 4(f). As discussed earlier, the Draft Environmental Document is currently scheduled for public circulation during Fall 2018 for a 30-day period. The Section 4(f) Resource Evaluation will be included in an Appendix to the Draft Environmental Document for your review and comment. After close of the public review period, Caltrans will respond to any 4(f) concerns and submit a Concurrence Letter to Orange County Parks. As per FHWA and Caltrans guidelines, Caltrans will need Orange County Parks to concur with Caltrans' De minimis Determination prior to finalizing the IS/EA leading to a Mitigated Negative Declaration/Finding of No Significant Impact.

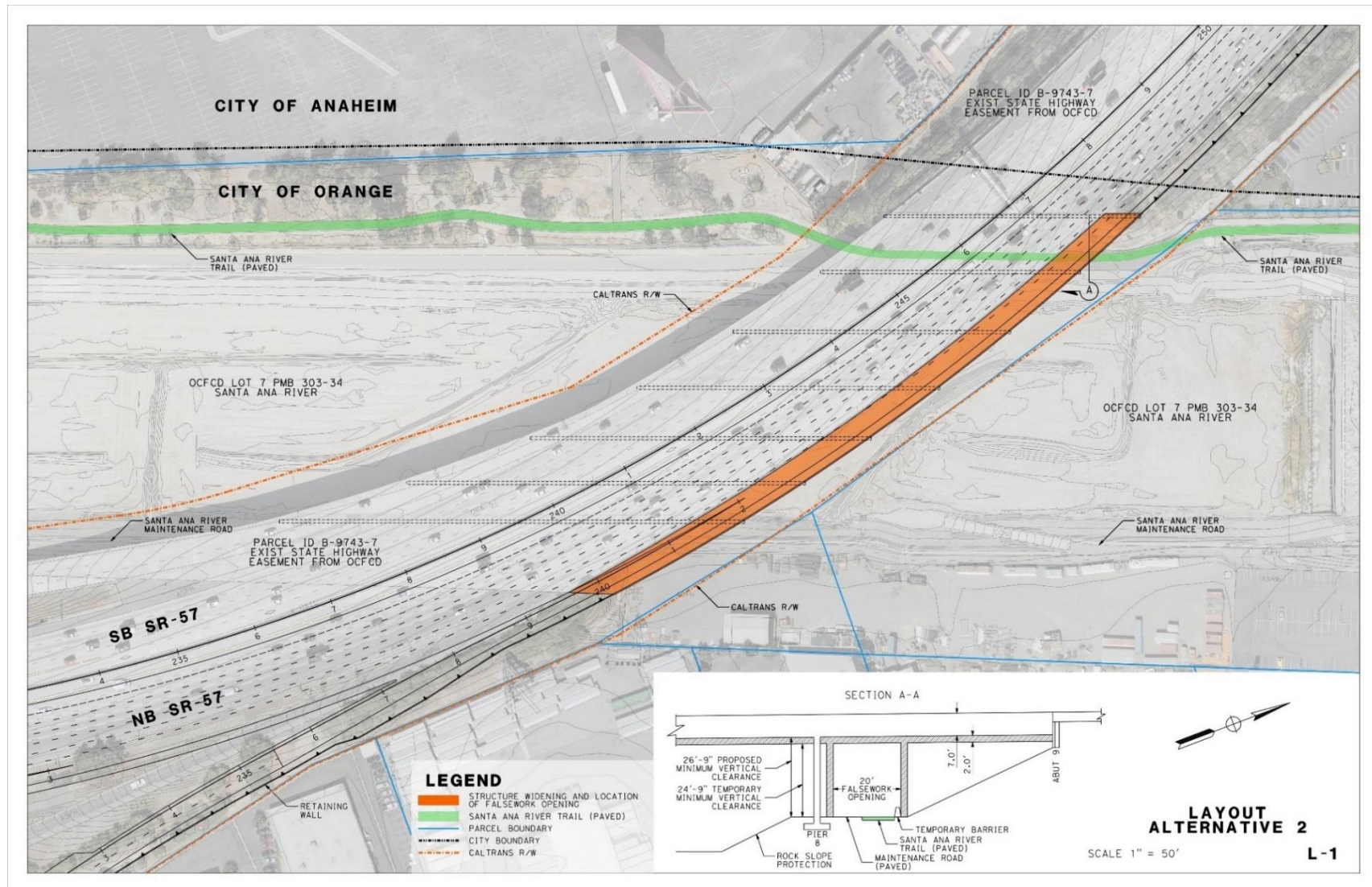
Should you have any questions about the project or Section 4(f) process, please do not hesitate to contact me at (657) 328-6151.

Sincerely,



Smita Deshpande
Caltrans District 12
Division of Environmental Analysis
Chief, Generalist Branch

ATTACHMENT A



SART/Bicycle Path Detour Plan





DYLAN WRIGHT
DIRECTOR
OC COMMUNITY RESOURCES

CYMANTHA ATKINSON
DEPUTY DIRECTOR
OC COMMUNITY RESOURCES

JENNIFER HAWKINS, DVM
DIRECTOR
OC ANIMAL CARE

RENEE RAMIREZ
DIRECTOR
OC COMMUNITY SERVICES

JULIA BIDWELL
DIRECTOR
HOUSING & COMMUNITY
DEVELOPMENT &
HOMELESS PREVENTION

STACY BLACKWOOD
DIRECTOR
OC PARKS

HELEN FRIED
COUNTY LIBRARIAN
OC PUBLIC LIBRARIES



13042 OLD MYFORD ROAD
IRVINE, CA 92602
PHONE: 866.OC PARKS
FAX: 714-667-6511

Sent via email to smitta.deshpande@dot.ca.gov

February 7, 2019

Smita Deshpande
Branch Chief, Division of Environmental Analysis
Department of Transportation, District 12
1750 East 4th Street, Suite 100
Santa Ana, CA 92705

**Re: SR-57 Northbound Improvement Project – Concurrence Letter
for the Section 4(f) De Minimis Determination Documentation for
the Santa Ana River Trail**

Dear Ms. Deshpande:

OC Parks is in receipt of Caltrans' letter dated January 15, 2019 requesting OC Parks' approval of a *De Minimis* finding for the above-referenced project.

OC Parks does not object to the requested finding, subject to the following conditions as provided in Caltrans' Response to Comments to OC Parks' letter dated November 8, 2018:

(1) The project's Traffic Management Plan (TMP) requires that the contractor place signs in appropriate locations to notify the public of construction related detours. In addition, the TMP includes a Public Awareness Campaign (PAC) to notify the public of detours. The PAC includes the use of brochures, mailers and press releases to assist in reaching the public and notifying them of closures and detours. The TMP includes development of a community task force that will include key stakeholders that may be impacted by the work zone activities. The community task force will meet on a regular basis to determine project timelines, special events, known public impacts, street and lane closures, detours, and more. The task force will discuss how to best communicate impacts to the public. The most directly affected stakeholders can be identified and sent targeted information during construction on a regular basis through periodic meetings, e-mail, fax notices and social media.

Per the Project's TMP the public will be made aware of potential disruptions to trail access, such as times and frequency of closures. The TMP includes measures to assist the public with their travel plans and options during construction. One of these measures includes the PAC, which uses project brochures and mailers, press

releases and media alerts, a project website, telephone help line, community taskforce, construction team workshop and select stakeholder communication to notify the public of detours and route options. OC Parks requires that in the area of the proposed trail closure(s), detours be signed in accordance with MUTCD practices.

(2) To avoid impacts to the Santa Ana River Trail/Bicycle Path, the project proposes to close the trail/bicycle path afterhours to install (and later dismantle) falsework at the Santa Ana River bridge. The trail would be temporarily closed for a 12-hour period at the beginning of construction and another 12-hour period at the end of construction. No other afterhours operations would be required.

Thank you for the opportunity to comment on this request, and please contact me at 949/585-6446 if you have questions or would like to discuss further.

Best regards,



Eric E. Hull, AICP
Entitlement Manager

cc: James Wooten, Regional Trails
Scott Thomas, Planning & Design



U.S. Department
of Transportation
**Federal Highway
Administration**

**Federal Highway Administration
California Division**

February 11, 2019

650 Capitol Mall, Suite 4-100
Sacramento, CA 95814
(916) 498-5001
(916) 498-5008 (fax)

In Reply Refer To:
HDA-CA

Gerardo De Santos, Acting District Director
California Department of Transportation
District 12
1750 E., 4th St., Suite 100
Santa Ana, CA 92705

Attention: Arman Behtash

Dear Mr. Santos:

SUBJECT: Project Level Conformity Determination for the SR-57 Northbound Improvement Project
(FTIP ID ORA131303)

On January 14, 2019, the California Department of Transportation (Caltrans) submitted to the Federal Highway Administration (FHWA) a complete request for a project level conformity determination for the SR-57 Northbound Improvement Project. The project is in an area that is designated Non-Attainment or Maintenance for Nitrogen Dioxide (NO₂), Carbon Monoxide (CO), Ozone and Particulate Matter (PM₁₀, PM_{2.5}).

The project level conformity analysis submitted by Caltrans indicates that the project-level transportation conformity requirements of 40 CFR Part 93 have been met. The project is included in the Southern California Association of Governments' (SCAG) current Regional Transportation Plan (RTP) and Transportation Improvement Program (TIP), as amended. The design concept and scope of the preferred alternative have not changed significantly from those assumed in the regional emissions analysis.

As required by 40 CFR 93.116 and 93.123, the localized PM_{2.5} and PM₁₀ analyses are included in the documentation. The analyses demonstrate that the project will not create any new violations of the standards or increase the severity or number of existing violations.

Based on the information provided, FHWA finds that the SR-57 Northbound Improvement Project conforms with the State Implementation Plan (SIP) in accordance with 40 CFR Part 93.

If you have any questions pertaining to this conformity finding, please contact Joseph Vaughn at (916) 498-5346 or by email at Joseph.Vaughn@dot.gov.

Sincerely,

Tashia J. Clemons
Director, Planning and Environment

Air Quality Conformity Documents

Regional Emissions Analysis Conducted for Conforming RTP

The SR57 NB Orangewood to Katella Project was included in the regional emissions analysis conducted by the Southern California Association of Governments (SCAG) for the conforming 2012-2035 Regional Transportation Plan/Sustainable Communities Strategy. The project's design concept and scope have not changed significantly from what was analyzed in the regional emission analysis. This analysis found that the plan, which takes into account regionally significant projects and financial constraint, will conform to the state implementation plan(s) (SIP(s)) for attaining and maintaining the National Ambient Air Quality Standards (NAAQS) as provided in Section 176(c) of the Clean Air Act. FHWA determined that the RTP conforms to the SIP on June 4, 2012, that Amendment #1 to the RTP conforms to the SIP on July 15, 2013, and that Amendment #2 to the RTP conforms to the SIP on December 15, 2014.

The regional impacts of the proposed project have been found to conform to the MPO's air quality plan. Using Orange County default options, modeled emissions output for Orange County were scaled based on the ratio of project-area VMT to county total VMT for the years 2016 and 2045. The traffic report provided daily VMT for segments of SR 57, and it did not provide any estimated change in speed due to the project (Intueor Consulting, 2017). EMFAC2014 calculations used the default aggregated vehicle speeds for Orange County.

Public and Interagency Consultation Process for TIP

The federal TIP was developed in accordance with SCAG policies for community input and interagency consultation procedures. These procedures ensure that the public has adequate opportunity to be informed of the federal TIP development process and encourages public participation and comment.

In the SCAG region, interagency consultation and public participation are facilitated by the Southern California Transportation Conformity Working Group, which is a collaborative group of federal, state, regional, and local transportation and air quality stakeholders. The group meets on a monthly basis to facilitate an inclusive air quality planning process and to fulfill the interagency consultation requirements of the Federal Transportation Conformity Rule. The group helps resolve regional issues pertaining to transportation conformity and coordinates with and supports the quarterly meetings of the Statewide Transportation Conformity Working Group.

On April 3, 2014, SCAG's Regional Council adopted SCAG's 2014 Public Participation Plan. The adopted plan describes SCAG's responsibilities, goals and strategies for engaging the broadest and most diverse audiences possible and outlines opportunities for SCAG to increase public awareness and diversity in participation, while expanding the range of voices and views in developing regional plans. The public involvement process provides for:

- Early and continuing public involvement opportunities throughout the transportation planning and programming process;
- Timely information about transportation issues and processes to citizens, affected public agencies, representatives of transportation agency employees, private providers of transportation, other interested parties and segments of the community affected by the transportation improvement program's projects;
- Reasonable public access to technical and policy information used in the development of the transportation improvement program;
- Adequate public notice of public involvement activities and time for public review and comment at key decision points including, but not limited to, action on the transportation improvement program;
- A process for demonstrating explicit consideration and response to public input during the transportation improvement program development process;
- A process for seeking out and considering the needs of those traditionally underserved by existing transportation systems, such as low-income and minority households which may face challenges accessing employment and other amenities; and,
- A comment period of at least thirty days and two formal public hearings prior to adoption of the transportation improvement program.

RTP and FTIP Listings

The following pages contain the RTP and FTIP listings for the project.



Final 2019 Federal Transportation Improvement Program

Orange County Project Listing State Highway (in \$000's)

ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment	
ORA100511	Orange	SCAB		2M0733	CAN69	55	6.29	10.32			S	TCM	0	
Description: SR-55 WIDENING BETWEEN I-405 AND I-5 - ADD 1 MF AND 1 HOV LANE EACH DIRECTION AND FIX CHOKEPOINTS FROM I-405 TO I-5; ADD 1 AUX LANE EA DIR BTWN SELECT ON/OFF RAMP AND NON-CAPACITY OPERATIONAL IMPROVEMENTS THROUGH PROJECT LIMITS (PS&E and PAED). Toll Credit for RSTP and CMAQ.														
Fund		ENG	R/W	CON	Total	Prior	2018/2019	2019/2020		2020/2021	2021/2022	2022/2023	2023/2024	Total
CMAQ					20,000	3,355				3,355				23,355
STP LOCAL - REGIONAL		17,000	63,450		80,450	80,450								80,450
AGENCY				75,000	75,000					75,000				75,000
ORANGE CO. MEASURE M2 - REGIONAL CAPACITY		7,027	14,731		21,758	21,758								21,758
SHOPP - ADVANCE CONSTRUCTION		3,700	27,200	15,900	46,800	30,900				15,900				46,800
STIP ADVANCE CON-RIP				80,000	80,000					80,000				80,000
ORA100511 Total		27,727	125,381	174,255	327,363	153,108				174,255				327,363
ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment	
ORA131301	Orange	SCAB		2121002	PLN40	55	10.4	17.9			S	EXEMPT/MODELED	0	
Description: SR-55 (I-5 to SR-91) – Add 1 MF lane each direction and fix chokepoints from I-5 to SR-22; and other operational improvements throughout project limits (Utilize toll credit match for RSTP) (Study Only)														
Fund		ENG	R/W	CON	Total	Prior	2018/2019	2019/2020		2020/2021	2021/2022	2022/2023	2023/2024	Total
STP LOCAL - REGIONAL		5,000			5,000	5,000								5,000
AGENCY		50			50								50	50
ORA131301 Total		5,050			5,050	5,000							50	5,050
ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment	
ORA131303	Orange	SCAB		2M0735A	PLN40	57	11.5	12.5			S	EXEMPT - 93.126	0	
Description: SR-57 Orangewood to Katella-Add 1 MF lane northbound between Orangewood and Katella (Utilize toll match for RSTP) (ENG Only).														
Fund		ENG	R/W	CON	Total	Prior	2018/2019	2019/2020		2020/2021	2021/2022	2022/2023	2023/2024	Total
STP LOCAL - REGIONAL		2,500			2,500	2,500								2,500
AGENCY		50			50								50	50
ORA131303 Total		2,550			2,550	2,500							50	2,550
ProjectID	County	Air Basin	Model	RTP ID	Program	Route	Begin	End	Signage Begin	Signage End	System	Conformity Category	Amendment	
ORA000820	Orange	SCAB		2TK01116	PLN40	57	21.2	.68			S	EXEMPT/MODELED	0	
Description: SR-57 TRUCK CLIMBING AUX LANE FROM LAMBERT TO LA CO. LINE (PE ONLY)(PPNO 3847A)														
Fund		ENG	R/W	CON	Total	Prior	2018/2019	2019/2020		2020/2021	2021/2022	2022/2023	2023/2024	Total
ORANGE CO. MEASURE M2 - REGIONAL CAPACITY		250			250							250		250
STIP ADVANCE CON-RIP		4,050			4,050							4,050		4,050
ORA000820 Total		4,300			4,300							4,300		4,300

TABLE 1 FTIP Projects - Continued

County	System	FTIP ID	Route #	Description	Project Cost (\$1,000's)
ORANGE	STATE HIGHWAY	ORA11801	5	I-5 (ALICIA PARKWAY TO EL TORO ROAD) SEGMENT 3 - THE PROJECT WILL ADD ONE GENERAL PURPOSE LANE ON THE I-5 IN EACH DIRECTION BETWEEN ALICIA PARKWAY AND EL TORO ROAD (APPROXIMATELY 1.7 MILES), EXTEND THE 2ND HOV LANE IN BOTH DIRECTIONS AND ADD AUXILIARY LANES WHERE NEEDED.	\$122,642
ORANGE	STATE HIGHWAY	ORA131105	5	I-5 / LOS ALISOS. ADD RAMPS AT LOS ALISOS OR EL TORO (UTILIZE TOLL CREDIT MATCH FOR RSTP) PA&ED.	\$57,954
ORANGE	STATE HIGHWAY	ORA130302	5	I-5 (I-405 TO SR-55) - IN THE CITIES OF IRVINE AND TUSTIN. ADD 1 MF LANE NB FROM TRUCK BYPASS ON RAMP TO SR-55, ADD 1 MF LANE SB FROM SR-55 TO ALTON AND 1 AUX LANE FROM ALTON TO TRUCK BYPASS. (PA&ED AND PS&E PHASE) PROJECT WILL UTILIZE \$917,600 TOLL CREDIT MATCH	\$452,000
ORANGE	STATE HIGHWAY	ORA111210	5	I-5 FROM SR 55 TO SR 57 - ADD 1 HOV LANE EACH DIRECTION (PPNO 2883A)	\$37,058
ORANGE	STATE HIGHWAY	ORA130060	5	INTERSTATE 5 CONTINUOUS ACCESS HIGH OCCUPANCY VEHICLE LANE STRIPING FROM STATE ROUTE 57 INTERCHANGE TO STATE ROUTE 91/BEACH BOULEVARD INTERCHANGE	\$4,790
ORANGE	STATE HIGHWAY	ORA150401	5	THREE HOV OVERHEAD SIGNS WITHIN THE MEDIAN OF THE I-5 SOUTH OF AVENDIA PICO IN THE CITY OF SAN CLEMENTE. THESE IMPROVEMENTS ARE SUPPLEMENTS TO THE I-5 HOV WIDENING PROJECT AND PROVIDE NORTHBOUND I-5 TRAFFIC ADVANCE NOTIFICATION OF A HOV LANE THAT IS ADDED TO THE GP LANES. (RELATED TO ORA990929)	\$1,250
ORANGE	STATE HIGHWAY	ORA000193	22	HOV CONNECTORS FROM SR-22 TO I-405, BETWEEN SEAL BEACH BLVD. (I-405 PM 022.558) AND VALLEY VIEW ST. (SR-22 PM 000.917), WITH A SECOND HOV LANE IN EACH DIRECTION ON I-405 BETWEEN THE TWO DIRECT CONNECTORS. TOLL CREDIT MATCH FOR CMAQ.	\$119,295
ORANGE	STATE HIGHWAY	ORA131301	55	SR-55 (I-5 TO SR-91) - ADD CAPACITY FROM I-5 TO SR-22 AND IMPROVE OPERATIONS FROM I-5 TO SR-91 (UTILIZE TOLL CREDIT MATCH FOR RSTP) (STUDY ONLY)	\$148,490
ORANGE	STATE HIGHWAY	ORA015	55	BAKER STREET AND SR-55; N/B & S/B FRONTAGE ROAD IMPROVEMENTS. S/B FREE RIGHT TURN, N/B LEFT-TURN AND 2ND E/B LEFT.	\$900
ORANGE	STATE HIGHWAY	ORA016	55	PAULARINO AVE (SR-55 NB FRONTAGE ROAD @ PAULARINO AVE) IN COSTA MESA INTERSECTION IMPROVEMENT. ADDING A N/B RAMP AND W/B RIGHT-TURN LANE.	\$505
ORANGE	STATE HIGHWAY	ORA017	55	PAULARINO AVE IN SR-55 SB FRONTAGE ROAD COSTA MESA. INTERSECTION IMPROVEMENT ADD S/B RIGHT-TURN LANE.	\$270
ORANGE	STATE HIGHWAY	ORA100511	55	SR-55 WIDENING BETWEEN I-405 AND I-5 - ADD 1 MF LANE EACH DIRECTION AND FIX CHOKEPOINTS FROM I-405 TO I-5; ADD 1 AUX LANE EA DIR BTWN SELECT ON/OFF RAMP AND NON-CAPACITY OPERATIONAL IMPROVEMENTS THROUGH PROJECT LIMITS (PS&E AND PAED). CONSISTENT WITH THE 2012 RTP. TOLL CREDIT FOR RSTP.	\$274,900
ORANGE	STATE HIGHWAY	ORA000146	55	CONSTRUCT NEW INTERCHANGE ON SR 55 @ MEATS AVENUE. CONSTRUCT ON-RAMP/OFF-RAMPS. CONSTRUCTION OF AUXILIARY LANES BETWEEN KATELLA AVENUE AND LINCOLN AVENUE/NOEL RANCH ROAD BOTH NORTHBOUND AND SOUTHBOUND ON SR-55. WIDEN TAFT AVENUE UNDERCROSSING ON NORTHBOUND SIDE OF SR-55. WIDEN MEATS AVENUE FROM PARK LANE TO BRECKENRIDGE STREET. REALIGN 1820' OF THE SR 55 MEDIAN BARRIER. WIDEN SANTIAGO AVENUE AT MEATS AVENUE FOR TURNING LANES	\$50,000
ORANGE	STATE HIGHWAY	ORA110302	57	IN PLACENTIA AND FULLERTON, N/B SR-57 FROM 0.4 MI N/O SR-91 TO 0.1 MI N/O LAMBERT RD (5.1 MILES). REPLACEMENT PLANTING AS THE RESULT OF THE SR-57 NORTHBOUND WIDENING. REPLACEMENT PLANTING RELATED TO ORA081901 AND ORA120332	\$2,688
ORANGE	STATE HIGHWAY	ORA131303	57	SR-57 ORANGEWOOD TO KATELLA-ADD 1 MF LANE NORTHBOUND BETWEEN ORANGEWOOD AND KATELLA (UTILIZE TOLL MATCH FOR RSTP)ENG ONLY.	\$6,500
ORANGE	STATE HIGHWAY	ORA120320	57	SR-57/LAMBERT RD INTERCHANGE IMPROVEMENTS - RECONFIG EXISTING DIAMOND INTERCHANGE TO LOOP RAMP, ADD SB LN ON OFFRAMP (PPNO 3834)	\$59,300
ORANGE	STATE HIGHWAY	ORA000820	57	SR-57 TRUCK CLIMBING AUX LANE FROM LAMBERT TO LA CO. LINE PPNO 3847A EA 0C120 (PE ONLY)	\$124,600
ORANGE	STATE HIGHWAY	10254	73	SAN JOAQUIN HILLS TRANSPORTATION CORRIDOR (SJHTC - SR 73). 15 MI TOLL RD BETWEEN I-5 IN SAN JUAN CAPISTRANO & RTE 73 IN IRVINE, CONSISTENT WITH SCAG/TCA MOU 4/5/01. EXISTING 3 M/F EA DIR. 1 ADDITIONAL M/F EA DIR, PLUS CLIMBING & AUX LANES BY 2020.	\$351,188
ORANGE	STATE HIGHWAY	ORA020808	90	IN ORANGE COUNTY, ON RTE 90 IMPERIAL HIGHWAY, IN THE CITIES OF YORBA LINDA AND ANAHEIM ON ROUTE 90 FROM EAST OF KELLOGG DRIVE UNDERCROSSING TO LA PALMA AVENUE. THE PROJECT IS TO PROVIDE ENHANCEMENT AND MITIGATION PLANTING. PPNO 4434B EA 12-056221	\$1,669
ORANGE	STATE HIGHWAY	ORA000822	91	CONNECT EXISTING AUXILIARY LANE THROUGH INTERCHANGES ON WB SR-91 BETWEEN SR-57 AND I-5 WITH ITS ELEMENTS PPNO 4516A EA 0C5700	\$65,677
ORANGE	STATE HIGHWAY	ORA130301	91	SR-91 (SR-57 TO SR-55) - ADD 1 MF LANE EASTBOUND; IMPROVE INTERCHANGE AT SR-91/SR-55 AND LAKEVIEW AVE; OPERATIONAL, NO INCREASE IN CAPACITY	\$425,000

http://scagrtpscscs.net/Documents/2016/final/f2016RTPSCS_ProjectList.pdf

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