

California Department of Transportation

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August 25, 2023

FRE-180-64.104
Southeast Development Area
Draft Environmental Impact Report (DEIR)
SCH #2022020486

GTS #: <https://ld-igr-gts.dot.ca.gov/district/6/report/28801>

SENT VIA EMAIL

Mx. Adrienne Asadoorian, Planner III
City of Fresno
Planning and Development Department
2600 Fresno Street, Room 3065
Fresno, CA 93721

Dear Mx. Asadoorian:

Caltrans has completed our review of the Draft Environmental Impact Report (DEIR) for the Southeast Development Area (SEDA) in the City of Fresno.

The proposed development area covers nearly 9,000 acres. It is bounded on the north by the Gould Canal, on the east by McCall and Highland Avenues, on the south by Jensen and North Avenues, and on the west by Locan, Temperance, and Minnewawa Avenues.

The mission of Caltrans is to provide a safe and reliable transportation network that serves all people and respects the environment. The Local Development Review (LDR) process reviews land use projects and plans through the lenses of our mission and state planning priorities of infill, conservation, and travel-efficient development. To ensure a safe and efficient transportation system, we encourage early consultation and coordination with local jurisdictions and project proponents on all development projects that utilize the multimodal transportation network.

Caltrans provides the following comments consistent with the State's smart mobility goals that support a vibrant economy and sustainable communities:

DEIR-Traffic Impact Analysis (TIA) Comments:

The concerns below should have been adequately addressed in the DEIR or TIA. While the DEIR is a comprehensive planning document, it is recommended that the DEIR endorse procedures that address traffic safety on the State Highway System. Caltrans did provide a comment letter dated March 18, 2022, during the Notice of Preparation with a public comment period from February 22, 2022, to March 25, 2022, which is included in Appendix A of the DEIR. Comments one through eight presented herein are included in the attached letter dated March 18, 2022, and are as follows:

1. This development region will likely add vehicles to the State Road (SR) 180 interchanges at Clovis Avenue, Fowler Avenue, and Temperance Avenue. As a result, there may be significant speed differences between the off-ramp queues and the freeway mainline. Each of these interchanges is recommended for a peak-hour ramp queuing analysis to assess potential impacts. This development area is also expected to add vehicles to the SR 180 intersections at De Wolf Avenue, Highland Avenue, and McCall Avenue. The result may be significant speed differentials between the turn lane queues and the through-lane traffic caused by insufficient left-turn lanes or intersection control. **It is recommended that a peak-hour queue analysis be completed at each of these intersections to determine potential impacts.**
2. **It is recommended that the lead agency include a traffic safety review** that examines new pedestrian and bicycling desire lines, multimodal conflict locations, and changes in traffic composition (such as an increase in bicyclists or pedestrians, where features such as shoulders or sidewalks may not exist or are inconsistent with facility design). This analysis should include the SR 180 interchanges at Fowler Avenue and Temperance Avenue and the SR 180 intersections at De Wolf Avenue, Highland Avenue, and McCall Avenue. For future residential development, Caltrans recommends that project proponents consider working with the City to convert a portion of the planned residential units to affordable housing.
3. The City should develop policies for installing Level 2 EV charging stations in single- and multi-family residential units and DC Fast Charging EV charging stations in retail, commercial, park, and public facilities.
4. Caltrans recommends that the Project use multimodal methods, such as those derived from transit-oriented development (TOD), to minimize the traffic-related impacts of future developments. Active Transportation Plans and Smart Growth efforts support the state's 2050 Climate goals. Caltrans helps reduce VMT and GHG emissions by increasing people's likelihood of using and benefiting from a multimodal transportation network.
5. Early involvement with Caltrans is strongly encouraged for future projects affecting the state right-of-way.

The Caltrans Traffic Safety Bulletin 20-02-R1: Interim Local Development Intergovernmental Review Safety Review Practitioners Guidance provides direction on analyzing the safety impacts on the State Highway System by proposed land use projects. Subsequent projects included in this development area should incorporate this guidance.

VMT Analysis Comments:

The preparer of the VMT Analysis concluded that the VMT per Service Population in the SEDA project region will fall from 45.72 to 5.07 when the project is completed in 2035. The move from a primarily rural location (as the SEDA project area is now) to a developed urbanized mixed-use site results in a significant drop in VMT. Additionally, the VMT Analysis preparer claims that this is attributable to residents and employees

being better connected to jobs and services within the SEDA project area, reducing travel times on both the production (residential) and attraction (commercial) sides.

Conversely, the Year 2035 No Project Conditions VMT for the SEDA Project Area is 371,397 per Table 7. Table 10 presents the Year 2035 With Project Conditions VMT for the SEDA Project Area is 974,369. This translates to a net VMT increase of 162.35%.

In theory, the relationship between production (residential) and attraction (commercial) may minimize VMT at full buildout; nevertheless, a typical land-use plan buildout begins with the production (residential), followed by the attraction (commercial). The concern is that the attraction (commercial) will develop slowly over time, causing a VMT impact in the SEDA region.

Based on our review of the VMT Analysis, **we recommend that the EIR preparer address the safety concerns by undertaking a peak hour ramp queue analysis at the interchanges/intersections on SR 180 from Clovis to McCall Avenues, as stated previously.**

The SEDA Specific Plan should also explore several possible VMT migration strategies, such as:

1. Creation of regional-level VMT bank or VMT exchange program;
2. Improved Public Transportation: Expanding and enhancing public transit options to encourage more people to use buses, trains, and other forms of public transportation instead of driving individual cars;
3. Enhance parallel routes near SR 180, such as Belmont Avenue or Kings Canyon Road. For example, the plan is to extend the Bus Rapid as cited in Policy UF-5.2. In addition, the City may consider signal synchronization along the corridors, if not already.
4. Active Transportation: Creating infrastructure and promoting walking, biking, and other forms of active transportation, especially for short distance trips;
5. Telecommuting and Flexible Work Arrangements: Encouraging remote work options to reduce the need for daily commuting;
6. Carpooling and Ridesharing: Promoting carpooling and ridesharing initiatives to reduce the number of single-occupancy vehicles on the local road system and highways;
7. Transportation Demand Management (TDM): Implementing policies and programs that encourage the use of alternative transportation options and reduce the reliance on single-occupancy vehicles; and,
8. Incentives and Subsidies: Providing incentives, subsidies, or tax breaks for using public transportation or purchasing electric or fuel-efficient vehicles.

The SEDA area may aim to establish more sustainable and efficient transportation systems while addressing environmental and social concerns related to increasing vehicle use by implementing these and other VMT mitigation strategies.

Mx. Adrienne Asadoorian – Southeast Development Area Draft EIR
August 25, 2023
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If you have any other questions, please call Keyomi Jones, Transportation Planner, at (559) 981-7284 or keyomi.jones@dot.ca.gov.

Sincerely,



David Padilla, Branch Chief,
Transportation Planning – North

Attachment: Caltrans comment letter March 18, 2022

C: Sophia Pagoulatos, Planning Manager, City of Fresno
State Clearinghouse

ATTACHMENT
Caltrans comment letter March 18, 2022

California Department of Transportation

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March 18, 2022

FRE-180-R65.1

NOTICE OF PREPARATION, EIR

<https://ld-igr-gts.dot.ca.gov/district/6/report/25659>

SENT VIA EMAIL

Shawn Monk, Planner
City of Fresno
Long Range Planning Division
Office: 559-621-8031
shawn.monk@fresno.gov

Dear Mx. Monk,

Thank you for the opportunity to review the Notice of Preparation of a Program Environmental Impact Report for the Southeast Development Area Specific Plan. The proposed Southeast Development Area covers nearly 9,000 acres and has the potential to accommodate approximately 45,000 homes by the year 2050. The Plan Area is bounded on the north by the Gould Canal, on the east by McCall and Highland Avenues, on the south by Jensen and North Avenues, and on the West by Locan, Temperance, and Minnewawa Avenues.

Caltrans provides the following comments consistent with the State's smart mobility goals that support a vibrant economy and sustainable communities:

1. Caltrans anticipates this development area would add substantial traffic to the State Route 180 interchanges at Clovis Avenue, Fowler Avenue, and Temperance Avenue. The result could be significant speed differentials between the off-ramp queues and the mainline of the freeway. **It is highly recommended that a peak hour ramp queue analysis is completed at each of these interchanges to determine potential impacts.**
2. This development area would also be expected to add traffic to the State Route 180 intersections at De Wolf Avenue, Highland Avenue, and McCall Avenue. The result could be significant speed differentials between the turn lane queues and the through lane traffic caused by insufficient left turn lanes or intersection control. **Therefore, it is also recommended that a peak hour queue analysis is completed at each of these intersections to determine potential impacts.**
3. Future development(s) should also consider traffic safety impacts on the State Highway System due to new pedestrian and bicyclist needs based on new origins or destinations that intersect a State Route. Additionally, multimodal conflict points and change in traffic composition (such as an increase in bicyclists or pedestrians, where features such as shoulders or sidewalks may not exist or are inconsistent with facility design) should be included. The State Route 180 interchanges at Fowler Avenue and Temperance Avenue; and the State Route 180 intersections at De Wolf Avenue, Highland Avenue, and McCall

Avenue should be included in this analysis.

4. Future development(s) should conduct a Vehicle Miles Traveled (VMT) study for projects that may substantially induce Vehicle Miles Traveled (VMT). Pedestrian and bicycle facilities within the project site should be considered in this study. The project proponents should also consider coordinating with nearby planned bike networks for a larger active transportation network. The City should consider creating a VMT Mitigation Impact Fee to help reduce potential impacts on the State Highway System.
5. For future residential development, Caltrans recommends project proponents consider working with the City to convert a portion of the planned residential units to affordable housing units.
6. The City should establish policies for the installation of Level 2 Electric Vehicle (EV) charging for single- and multi-family residential units as well as DC Fast Charging EV charging stations for retail, commercial, park and public facilities.
7. Caltrans recommends the Project implement multimodal strategies, such as those that originate from Transit-oriented development (TOD), in an effort to further reduce future projects' traffic related impacts.
8. Active Transportation Plans and Smart Growth efforts support the state's 2050 Climate goals. Caltrans supports reducing VMT and GHG emissions in ways that increase the likelihood people will use and benefit from a multimodal transportation network.
9. Early engagement with Caltrans is highly requested for future projects that would impact state right-of-way. Furthermore, prior to initiating the traffic study, please include Caltrans in the scoping.

If you have any other questions, please call or email Edgar Hernandez at (559) 981-7436 or edgar.hernandez@dot.ca.gov.

Sincerely,



David Padilla, Branch Chief
Transportation Planning – North