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| Project Title: | Hydrogen Energy Center Application for Certification Amendment |
| TN #: | 200315 |
| Document Title: | letter from Caltrans re: Comments on HECA/URS "Traffic Study Technical Memorandum - Revision 2 |
| Description: | N/A |
| Filer: | Tiffani Winter |
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DEPARTMENT OF TRANSPORTATION

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August 21, 2013

2135-IGR/CEQA

06-KER 5-48.77

HECA Project

Traffic Study Technical Memorandum

2nd Revision

Mr. Noel V. Casil
URS Corporation
2020 E First St., Suite 400
Santa Ana, CA 92705

Dear Mr. Casil:

Thank you for the opportunity to review a Traffic Study Technical Memorandum (Revision 2) dated July 2013 for the Hydrogen Energy California (HECA) LLC project. The project is located at the southwest corner of the Adohr Road and Tupman Road intersection, south of Stockdale Highway and west of Interstate 5. Caltrans offers the following comments:

- Regarding both the State Route (SR) 43/ Stockdale Highway intersection and the intersection of the Interstate 5 southbound ramp and Stockdale Highway, please consider the following:
 - Section 10.0, Mitigations, Table 10-1 – Please provide detailed descriptions of the associated improvements.
 - Section 10.0, Mitigations, Page 10-3 under TRA-2, Intersection Improvements – Please provide descriptions of other improvements in addition to those for the traffic signals.
 - Section 11.0, Conclusions – Please provide detailed descriptions of the associated improvements.
 - Caltrans recommends an advanced flashing beacon to alert the motoring public of a traffic signal ahead along Stockdale Highway and SR 43.
- Caltrans' review of the Appendix of the Traffic Study finds the lane configurations of the eastbound, westbound, northbound and southbound -through approaches are missing from the Synchro summary output worksheets for the SR 43/Stockdale Highway intersection. These lane configurations are absent from the following scenarios:
 - 2016 Construction for the AM and PM peak hours, with mitigation
 - 2017 Rail for the AM and PM peak hours with mitigation
 - 2017 No Rail

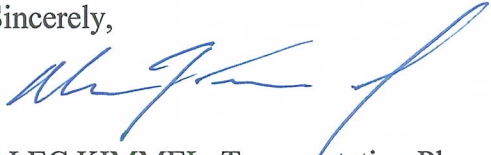
Mr. Noel V. Casil
August 21, 2013
Page 2

Caltrans requests these Synchro summary output worksheets are revised to incorporate the proposed lane configurations.

- Caltrans' review of the electronic Synchro files provided by the consultant finds that additional eastbound-through and westbound-through lanes are included in the Synchro analysis at the SR 43/Stockdale Highway intersection. However, the proposed improvements as shown in Figure 9-2 do not include these additional lanes. Please revise Figure 9-2 to be consistent with the Synchro lane configuration.

If you have any further questions, please call me at (559) 488-4325.

Sincerely,



ALEC KIMMEL, Transportation Planner
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