URS

DOCKET	
08-AFC-8	
DATE	JUL 29 2010
RECD.	JUL 29 2010

July 29, 2010

Dockets Unit
California Energy Commission
1516 Ninth Street, MS 4
Sacramento, CA 95814

RE: Hydrogen Energy California Project
Application for Certification 08-AFC-8

On behalf of HECA LLC, the applicant for the above-referenced Hydrogen Energy California AFC, we are pleased to submit the enclosed document:

One print copy of Responses to CEC Questions from July 22, 2010 Correspondence for the Hydrogen Energy California Project.

This document is being submitted to Dockets electronically, and one printed copy is provided. One print copy is also being sent to each party on the Proof of Service list not marked "email preferred."

The enclosed document is being submitted to the CEC for docketing.

URS Corporation

Alison Drury

Alison Drury
Project Manager/Senior Environmental Planner

Enclosures

CC: Rod Jones (w/o enclosure)

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Responses to CEC Questions from July 22, 2010 Correspondence

Revised Application for Certification (08-AFC-8) for HYDROGEN ENERGY CALIFORNIA Kern County, California

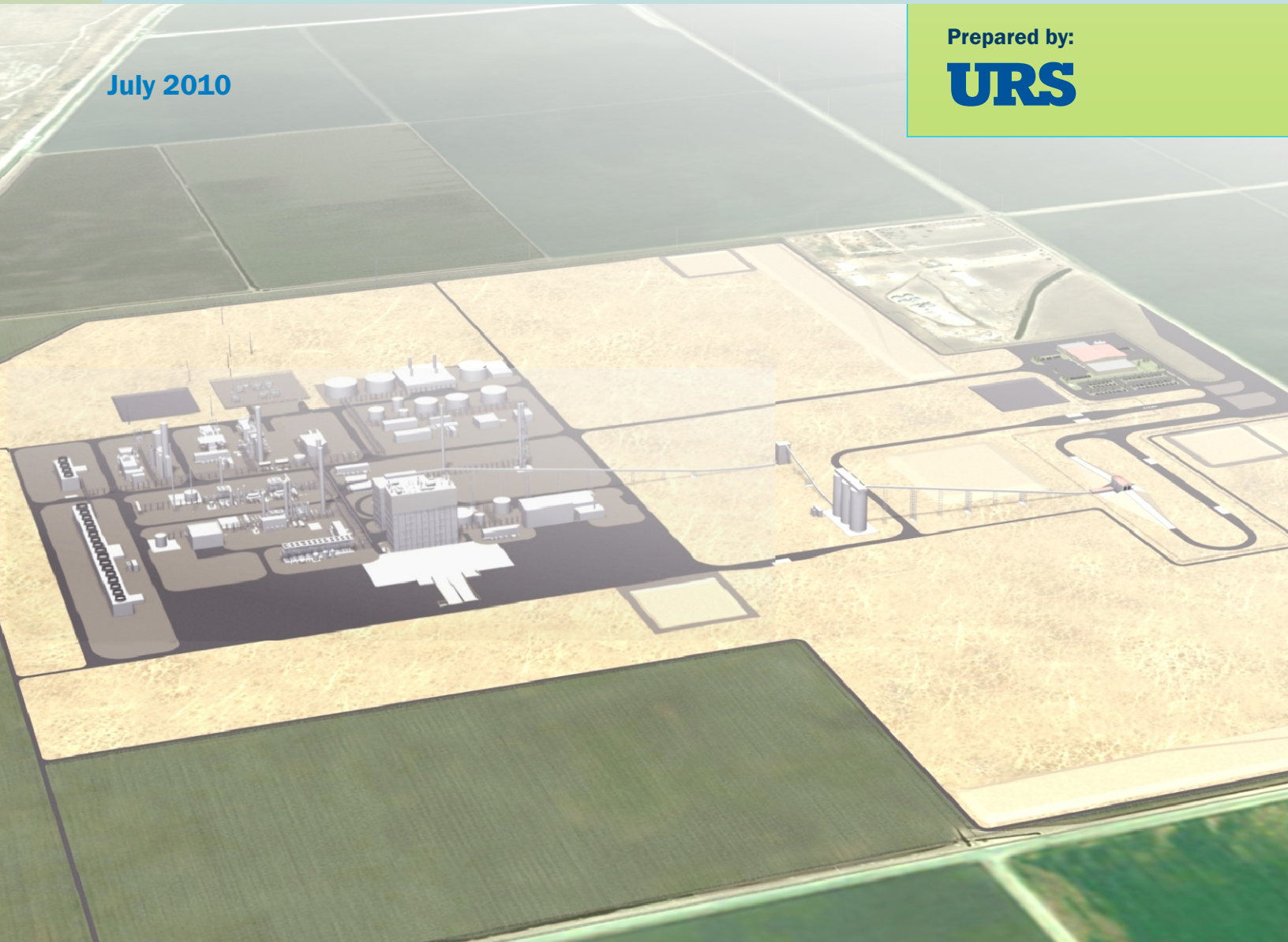
Prepared for:
Hydrogen Energy International LLC

hydrogen energy

Submitted to:
California Energy Commission

Prepared by:
URS

July 2010



Technical Area: Traffic and Transportation
Technical Lead: Scott Debauche

QUESTION

1. Please check with Kern County to determine of the required roadway improvements at the following intersections can be accommodated within the existing right-of-way (ROW) width or will require construction outside of the existing ROW:

a) The intersection of Dairy Road and Stockdale Highway (separate left-turn lane on the westbound approach of Stockdale Highway and a separate right-turn lane on the northbound approach of Dairy Road); and

b) The intersection of Dairy Road and Adohr Road (reconstruct the intersection to accommodate the turning radius needed by large trucks).

RESPONSE

In Mitigation Measure TRA-2 of Section 5.10 (Traffic and Transportation) of the Revised AFC, the following improvements were proposed:

- **Intersection of Dairy Road and Stockdale Highway:** Construct a separate left-turn lane on the westbound approach of Stockdale Highway, and a separate right-turn lane on the northbound approach of Dairy Road. This improvement will facilitate the safe and efficient movement of construction and operations vehicles to and from the Project Site.
- **Dairy Road/Adohr Road:** Reconstruct the intersection to accommodate the turning radius needed by large trucks to make the turns. This improvement will facilitate the safe and efficient movement of construction and operations vehicles to and from the Project Site.

To confirm that Stockdale Highway, Dairy Road, and Adohr Road ROWs have the necessary width for the proposed mitigation measures, the Applicant had contacted Kern County Roads Department for the aforementioned ROW information. Kern County staff directed the Applicant to their county mapping database and were told to look for the applicable Kern County Color Case Maps or Maps containing the roadway ROW information. The Applicant obtained the correct Kern County Color Case Map (Map Number MC120) from the following link:

http://www.co.kern.ca.us/ess/ccmtable.asp

This map is presented as Attachment 1-1. The map confirms that the ROW widths for each of these roads are 60 feet in the vicinities of the aforementioned intersections.

Mr. Brian Blacklock, PLS, an engineer with the Kern County Roads Department, concurred via email with the Applicant's assessment of the ROW widths.

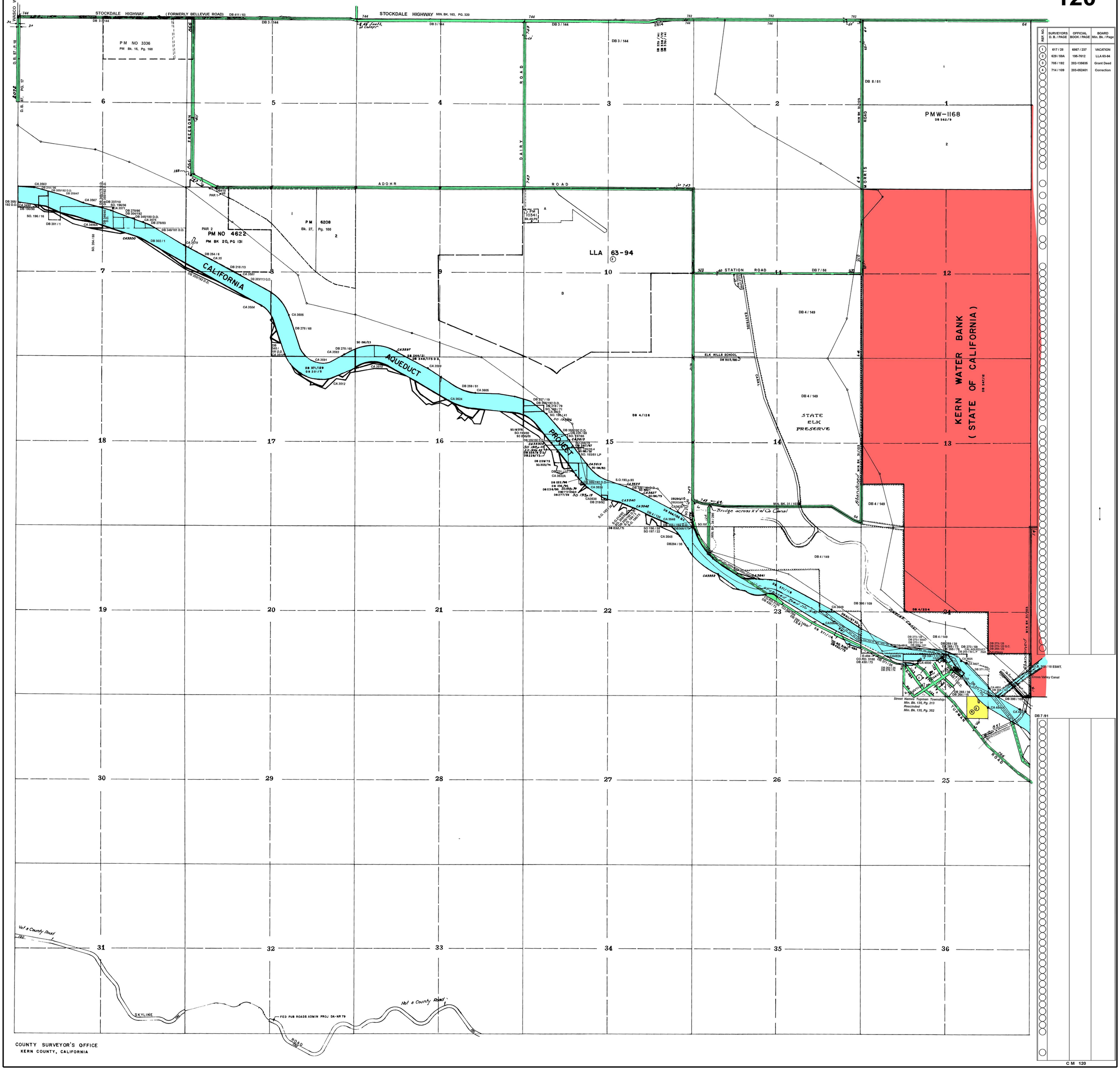
The existing developed roads are each approximately 24 feet wide (2-lane roadways,12-foot lanes in each direction), indicating that there is 36 feet of remaining width in the existing ROWs. This width appears to be sufficient for the proposed improvements, pending more detailed design.

ATTACHMENT 1-1

T. 30 S., R. 24 E., M.D.B. & M.

plotted: Jun 10

120



REF. NO.	SURVEYORS D. B. / PAGE	OFFICIAL BOOK / PAGE	BOARD Min. Bk. / Page
1	617 / 28	6867 / 237	VACATION
2	629 / 59A	195-7612	LLA 63-94
3	705 / 192	202-135635	Grant Deed
4	714 / 109	203-052401	Correction

COUNTY SURVEYOR'S OFFICE
KERN COUNTY, CALIFORNIA

C M 120

BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT COMMISSION OF THE STATE OF CALIFORNIA
1516 NINTH STREET, SACRAMENTO, CA 95814
1-800-822-6228 – WWW.ENERGY.CA.GOV

APPLICATION FOR CERTIFICATION FOR THE *HYDROGEN ENERGY CALIFORNIA PROJECT*

Docket No. 08-AFC-8

PROOF OF SERVICE LIST (Rev. 6/22/10)

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DECLARATION OF SERVICE

I, Alison Drury, declare that on July 29, , 2010, I served and filed copies of the attached Responses to CEC Questions from July 22, 2010 Correspondence, dated July , 2010. The original document, filed with the Docket Unit, is accompanied by a copy of the most recent Proof of Service list, located on the web page for this project at: **[www.energy.ca.gov/sitingcases/hydrogen_energy]**.

The documents have been sent to both the other parties in this proceeding (as shown on the Proof of Service list) and to the Commission's Docket Unit, in the following manner:

(*Check all that Apply*)

FOR SERVICE TO ALL OTHER PARTIES:

x sent electronically to all email addresses on the Proof of Service list

x by personal delivery or by depositing in the United States mail at San Francisco with first-class postage thereon fully prepaid and addressed as provided on the Proof of Service list above to those addresses **NOT** marked "email preferred."

AND

FOR FILING WITH THE ENERGY COMMISSION:

x sending an original paper copy and one electronic copy, mailed and emailed respectively, to the address below (***preferred method***);

OR

_____ depositing in the mail an original and 12 paper copies, as follows:

CALIFORNIA ENERGY COMMISSION
Attn: Docket No. 08-AFC-8
1516 Ninth Street, MS-4
Sacramento, CA 95814-5512

docket@energy.state.ca.us

I declare under penalty of perjury that the foregoing is true and correct.

Alison Drury