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June 23, 2009

383194

Ms. Felicia Miller
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814-5512

Subject: Almond 2 Power Plant (09-AFC-02)
Supplement B - Data Adequacy Responses for Cultural Resources, DA5.3-5

Dear Ms. Miller:

Please find attached the Almond 2 Power Plant's Supplement B - Data Adequacy Responses for Cultural Resources, DA5.3-5. This supplement was prepared in response to the Staff's Data Adequacy Recommendation dated June 5, 2009. It is being submitted to respond to the Cultural Staff's requests for additional information.

Attached are 50 hard copies and 75 electronic copies on CD-ROM.

If you have any questions about this matter, please contact me at (916) 286-0249 or Susan Strachan at (530) 757-7038.

Sincerely,

CH2M HILL

A handwritten signature in black ink, appearing to read 'Sarah Madams', written over a horizontal line.

Sarah Madams
AFC Project Manager

Attachment

cc: S. Strachan, Strachan Consulting
R. Baysinger, TID

DOCKET
09-AFC-2

DATE JUN 23 2009

RECD. JUN 23 2009

SUPPLEMENT B, DATA ADEQUACY, CULTURAL RESOURCES DA5.3-5



SUBMITTED TO
**California
Energy Commission**

FOR
**TID Almond 2
Power Plant**

SUBMITTED BY

Turlock Irrigation District

TECHNICAL ASSISTANCE BY
CH2MHILL

June 2009

Supplement B

Response to Data Adequacy DA5.3-5

In support of the

Application for Certification
for the

Almond 2 Power Plant

Ceres, California
(09-AFC-02)

Submitted to the:

California Energy Commission

Submitted by:



With Technical Assistance by:



June 2009

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1.0 Introduction

This supplement to Turlock Irrigation District's (TID) Application for Certification (AFC) for the Almond 2 Power Plant (A2PP) (09-AFC-02), responds to comments that California Energy Commission (CEC) Staff have made as a result of their data adequacy review of the AFC. The intention of this supplement is to provide all additional information necessary for Staff to find that the AFC contains adequate data to begin a power plant site certification proceeding under Title 20, California Code of Regulations and the Warren-Alquist Energy Resources Conservation and Development Act.

The format for this supplement follows the order of the AFC and provides additional information and responses to CEC information requests for several disciplines. Only sections for which CEC Staff posed requests or questions related to data adequacy are addressed in this supplement. If the response calls for additional appended material, it is included at the end of each subsection. Appended material is identified by the prefix "DA" indicating an item submitted in response to a Staff Data Adequacy comment, a number referring to the applicable AFC chapter, and a sequential identifying number. For example, the attachment in response to a Transmission System Engineering comment would be Attachment DA3.0-1, because the AFC section describing electrical transmission is Section 3.0. Tables are also numbered in this way. Appended material is paginated separately from the remainder of the document.

Each subsection contains data adequacy questions or information requests, with numbers and summary titles and, in parentheses, the citation from Appendix B, Title 22, California Code of Regulations (Regulations Pertaining to the Rules of Practice and Procedure and Power Plant Site Certification) indicating a particular information requirement for the AFC. Each item follows with the CEC Staff comment on data adequacy for this item, under the heading "Information required to make AFC conform with regulations" followed by TID's response to the information request and the information requested.

5.3 Cultural Resources

5. Locations of Cultural Resources (Appendix B (g) (2) (C) (iv))

A map at a scale of 1:24,000 U.S. Geological Survey quadrangle depicting the locations of all previously known and newly identified cultural resources compiled through the research required by Appendix B (g)(2)(B) and Appendix B (g)(2)(C) (ii); and

Information required to make AFC conform with regulations:

Plot locations of all previously known and newly identified cultural resources on a map or maps (at a scale of 1:24,000/U.S.G.S. topographic quadrangle) and submit under confidentiality if archaeological site locations are depicted.

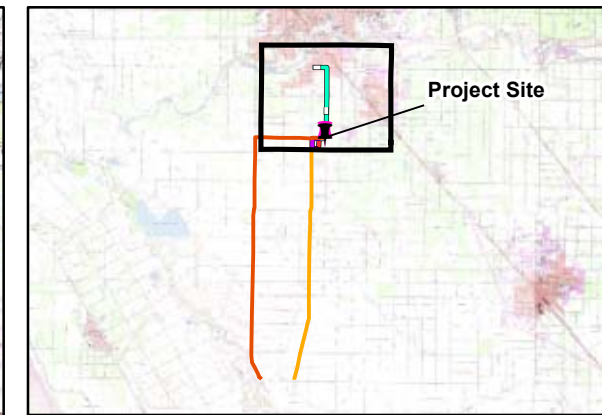
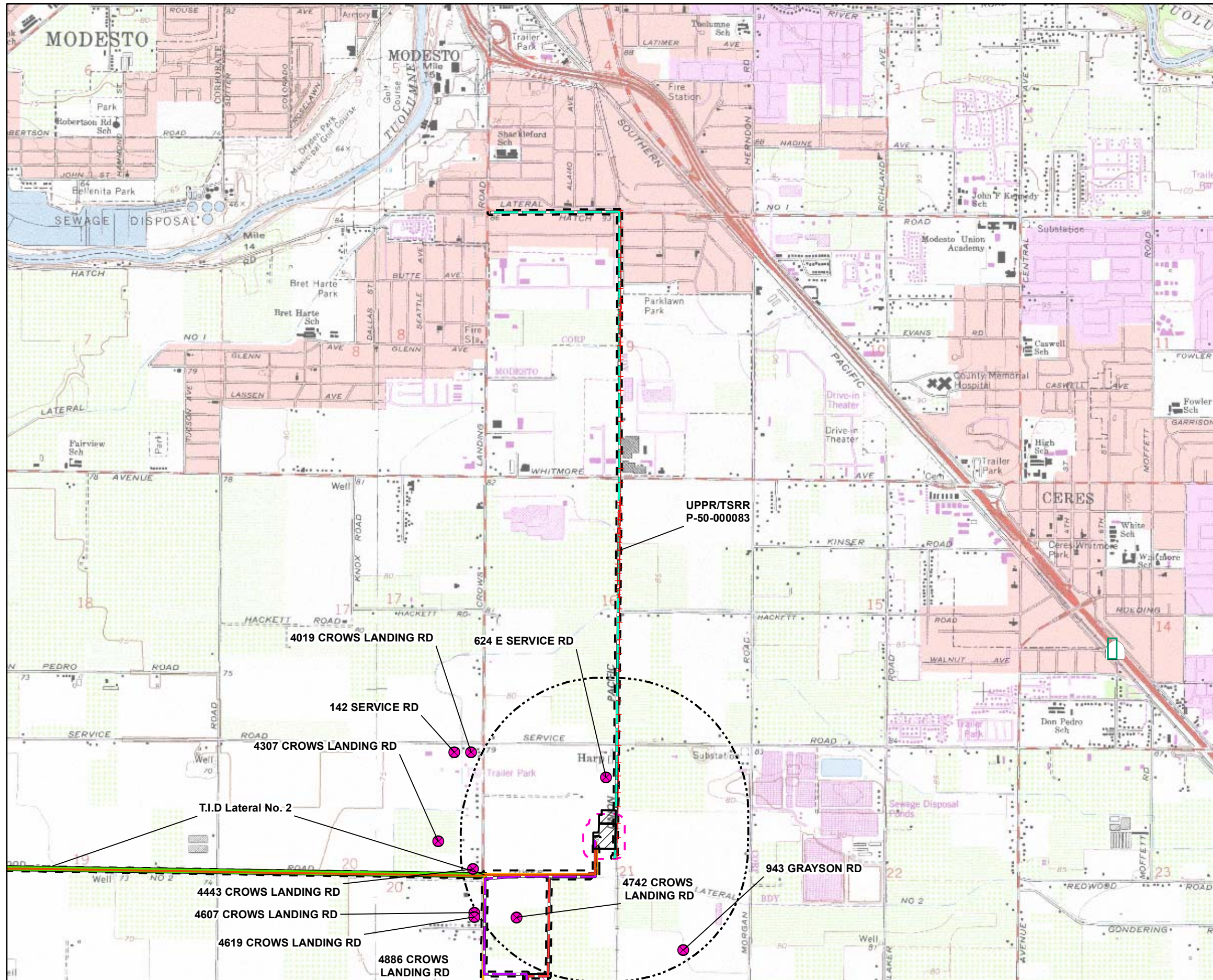
Response: A map identifying previously known and newly identified cultural resources is provided as Figures DA5.3-5a through DA5.3-5d. Table DA5.3-5 identifies both previously known and newly identified cultural resources as well as record numbers (if available).

TABLE DA5.3-5
Summary of Buildings and Structures over 45 years of age

Structure/Site	Description	Year Built	Record Number
5242 Avenue A	1½ story Craftsman style residence	1925	Not available
5336 Avenue D	1½ story Craftsman style residence	1940	Not available
125 Cowan Street	1 to 1½ story (split-level) International style residence	1950	Not available
4019 Crows Landing Road	One- to- story commercial building	1915	Not available
4307 Crows Landing Road	One-story bungalow	1930	Not available
4443 Crows Landing Road	1½ story Cape Cod residence, detached garage, barn	1940	Not available
4607 Crows Landing Road	One-story bungalow	1938	Not available
4619 Crows Landing Road	One-story bungalow	1937	Not available
4742 Crows Landing Road	One-story Craftsman style residence, barrel-arch warehouse/garage	1903	Not available
4886 Crows Landing Road	Late 19th Century 1½ story residence, prefabricated residence, sheds	1890	Not available
5019 Crows Landing Road	Unknown	Circa 1915	Not available
5237 Crows Landing Road	Farmstead: 2-story Craftsman residence, tankhouse, barn	1912	Not available
5336 Crows Landing Road	1-story Minimal Traditional residence	1943	Not available
348 E. Grayson Road	1½-story bungalow, prefabricated residence	1904	Not available
706 E. Grayson Road	Unknown, no access to property	1953	Not available

TABLE DA5.3-5
Summary of Buildings and Structures over 45 years of age

Structure/Site	Description	Year Built	Record Number
943 E. Grayson Road	Farmstead: 1-story Minimal Traditional residence, paddocks, barns	1957	Not available
530 W. Grayson Road	Foursquare style residence and associated tankhouse	1910	Not available
301 Lathrop Road	1½-story Craftsman residence	1925	Not available
401 Lathrop Road	Style unknown	1932	Not available
600 San Joaquin Avenue	Farmstead: 1-story Ranch, frame barn	1948	Not available
142 W. Service Road	2 two-story prefabricated warehouses	1948	Not available
624 E. Service Road	Commercial/agricultural buildings	1958	Not available
Tidewater Southern Railroad	Railroad	1916	P-50-00083
TID Lateral 2	Irrigation canal	1899	Not available
TID Lateral 2½	Irrigation canal	1914-1915	P-50-000071
TID Lateral 3	Irrigation canal	1899	P-50-000072
TID Lateral 4	Irrigation canal	1903	Not available
TID Lateral 5	Irrigation canal	1903	P-50-001927
TID Lateral 5½	Irrigation canal	1914-1915	Not available
Westport Drain	Irrigation drain	Post 1914	Not available
Harding Drain	Irrigation drain	Post 1914	Not available



- LEGEND**
- ⊗ Historical Places
 - Natural Gas Pipeline (Alternate A)
 - Natural Gas Pipeline (Alternate B)
 - 115-kV Circuit 1 Line (Corridor 1)
 - 115-kV Circuit 2 Line (Corridor 2)
 - Reconductored 69kV Sub-Transmission Line
- Recorded Sites**
- Westport Drain
 - Recorded TID Lateral Segment
 - UPPR/TSRR Segment
 - ▨ Project Site
- Survey for Archeological Resources**
- ▭ 50ft Buffer
 - ▭ 200ft Buffer
- Survey for Historic Built Resources**
- ▭ 1/2 Mile Buffer

Note:
The Grayson Substation is being developed
as a separate Project

This map was compiled from various scale source data and
maps and is intended for use as only an approximate
representation of actual locations.

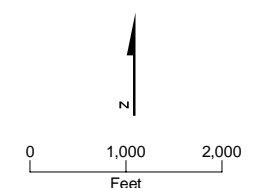
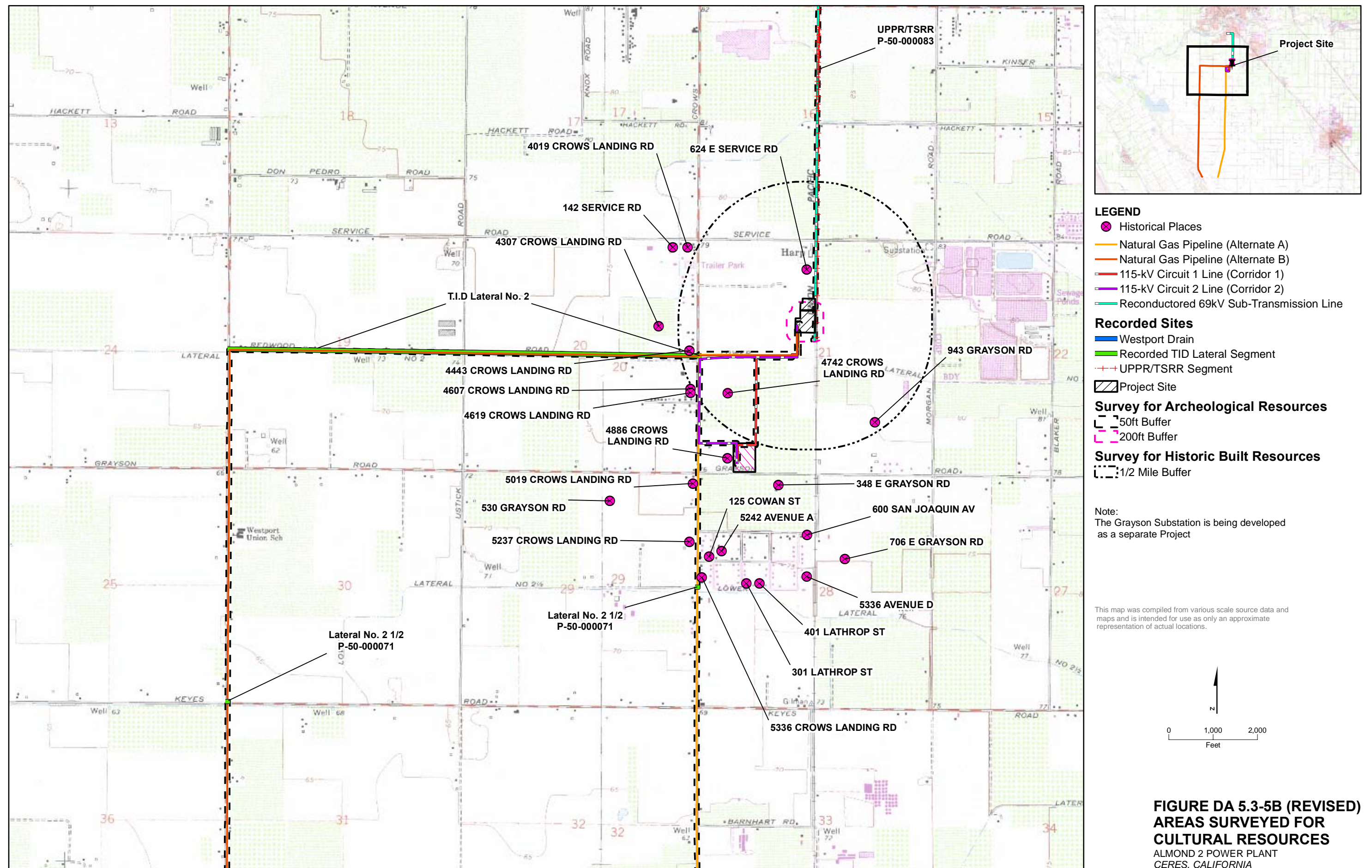
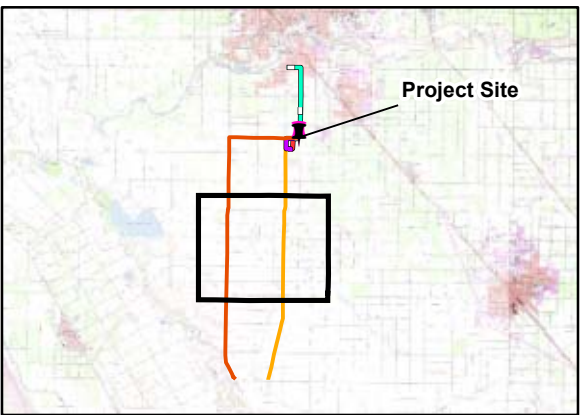
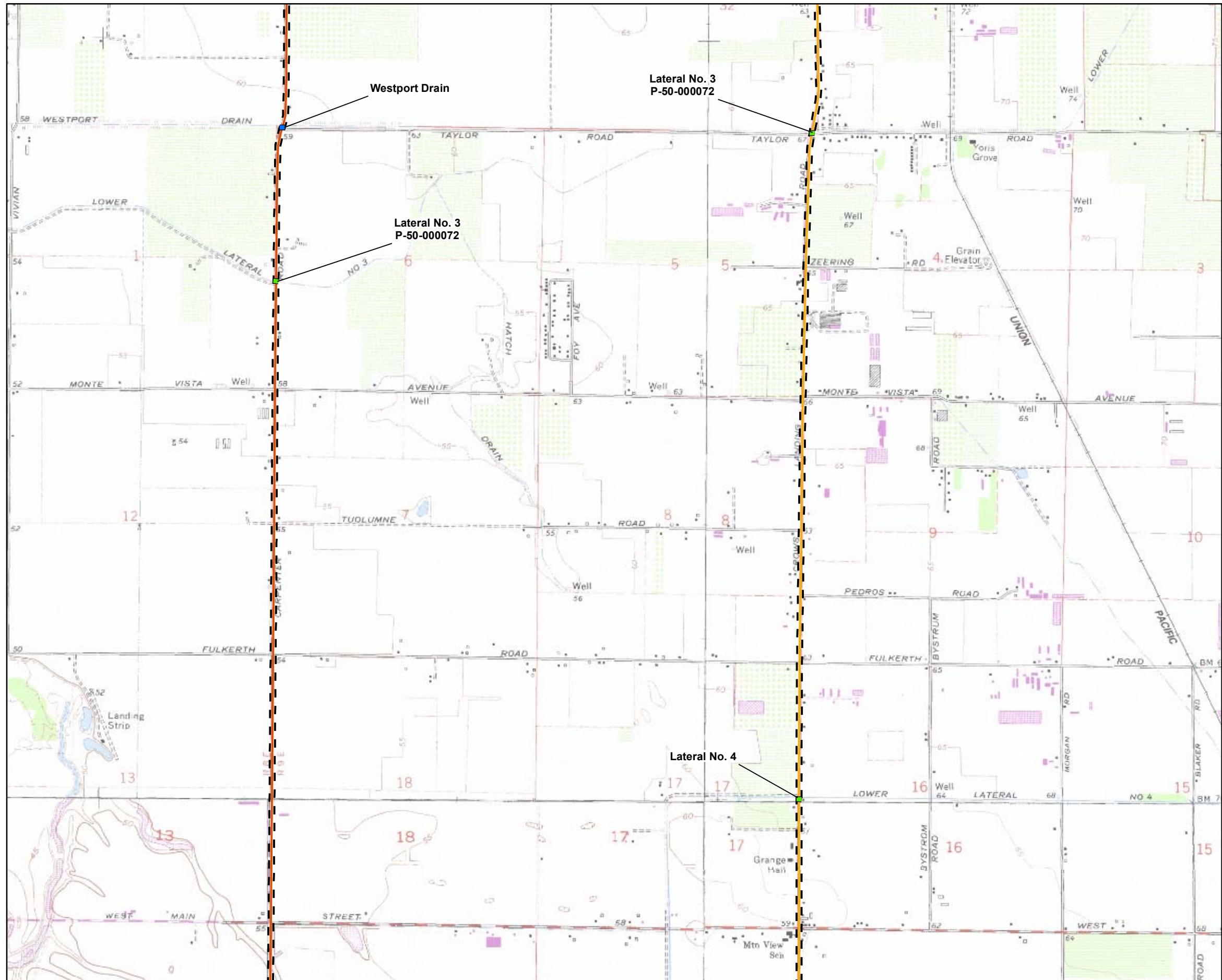


FIGURE DA 5.3-5A (REVISED)
AREAS SURVEYED FOR
CULTURAL RESOURCES
ALMOND 2 POWER PLANT
CERES, CALIFORNIA





- LEGEND**
- ⊗ Historical Places
 - Natural Gas Pipeline (Alternate A)
 - Natural Gas Pipeline (Alternate B)
 - 115-kV Circuit 1 Line (Corridor 1)
 - 115-kV Circuit 2 Line (Corridor 2)
 - Reconductored 69kV Sub-Transmission Line
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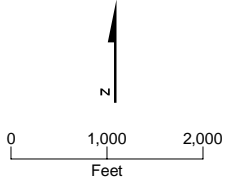
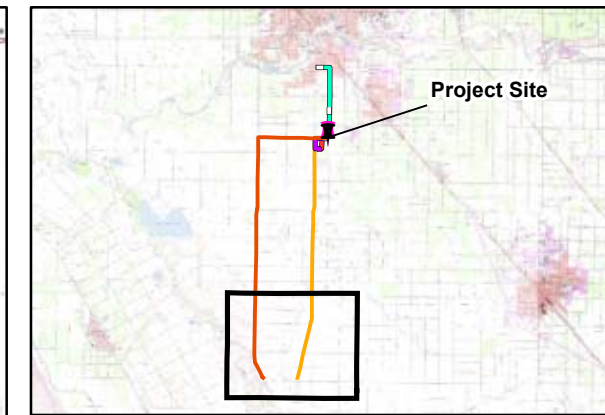
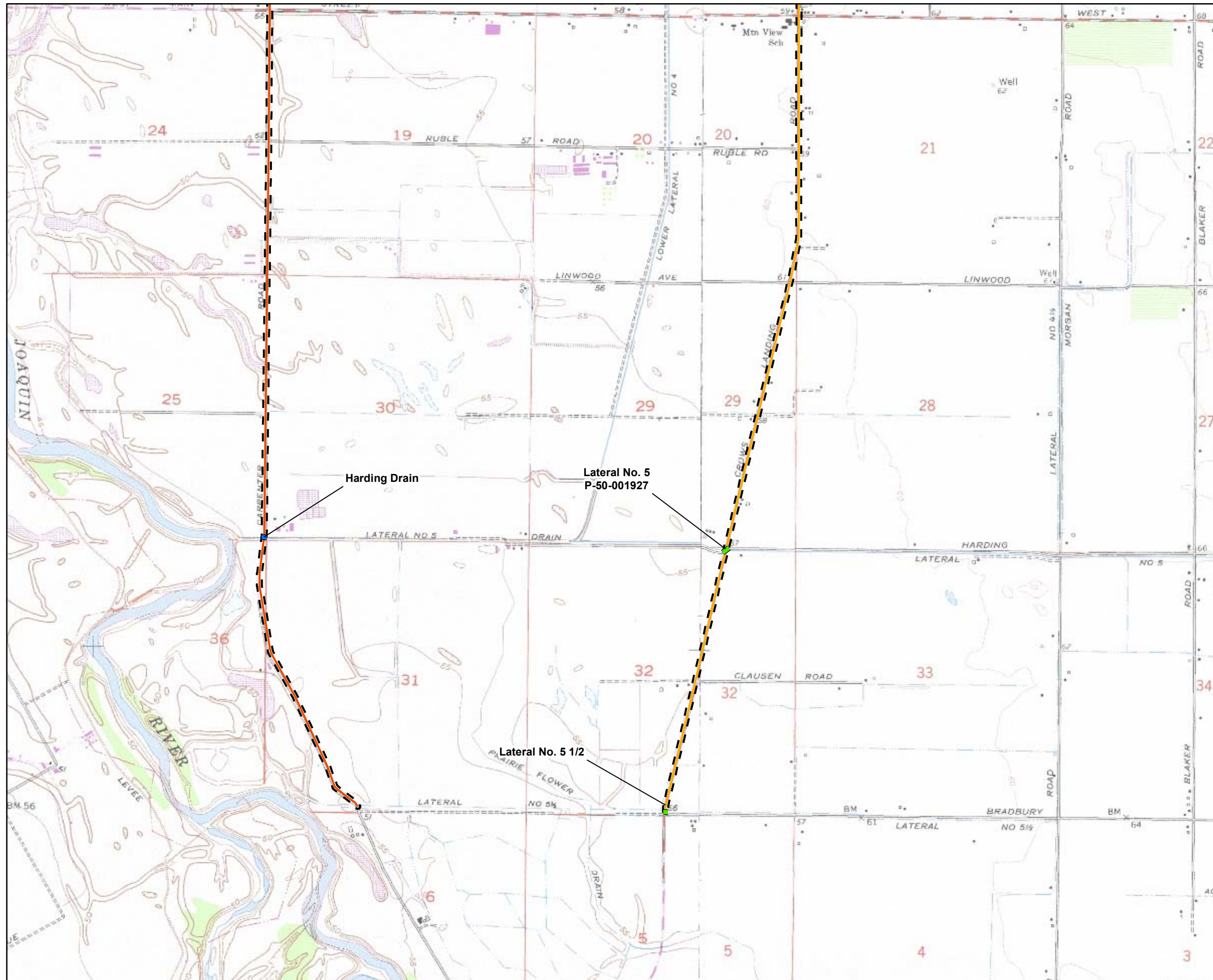


FIGURE DA 5.3-5C (REVISED)
AREAS SURVEYED FOR
CULTURAL RESOURCES
ALMOND 2 POWER PLANT
CERES, CALIFORNIA



- LEGEND**
- ⊗ Historical Places
 - Natural Gas Pipeline (Alternate A)
 - Natural Gas Pipeline (Alternate B)
 - 115-kV Circuit 1 Line (Corridor 1)
 - 115-kV Circuit 2 Line (Corridor 2)
 - Reconductored 69kV Sub-Transmission Line
- Recorded Sites**
- Westport Drain
 - Recorded TID Lateral Segment
 - UPPR/TSRR Segment
 - ▨ Project Site
- Survey for Archeological Resources**
- 50ft Buffer
 - 200ft Buffer
- Survey for Historic Built Resources**
- 1/2 Mile Buffer

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The Grayson Substation is being developed as a separate Project

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

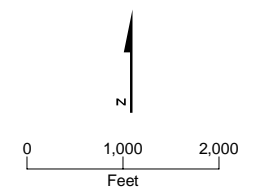


FIGURE DA 5.3-5D (REVISED)
AREAS SURVEYED FOR
CULTURAL RESOURCES
ALMOND 2 POWER PLANT
CERES, CALIFORNIA