

**Addendum No. 5 to the  
Environmental Impact Report on the  
American River Watershed Common Features Project/  
Natomas Post-authorization Change Report/  
Natomas Levee Improvement Program  
Phase 4b Landside Improvements Project**

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Prepared for:



Sacramento Area Flood  
Control Agency

February 2020

State Clearinghouse  
No. 2009112025

Prepared by:









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Environmental Impact Report on the  
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Improvement Program  
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Project**

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February 2020

Project No. 1602400

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# Abbreviations and Acronyms

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CEQA	California Environmental Quality Act
Draft EIS/EIR	Draft Environmental Impact Statement/Environmental Impact Report
EIR	Environmental Impact Report
GGS	Giant garter snake
MMRP	Mitigation Monitoring and Reporting Program
NHPA	National Historic Preservation Act
NEMDC	Natomas East Main Drainage Canal
NLIP	Natomas Levee Improvement Program
NRHP	National Register of Historic Places
Phase 4a Project	Natomas Levee Improvement Program Phase 4a Landside Improvements Project
Phase 4b Project	American River Watershed Common Features Project/ Natomas Post-authorization Change Report/Natomas Levee Improvement Program Phase 4b Landside Improvements Project
RD 1000	Reclamation District 1000
SAFCA	Sacramento Area Flood Control Agency
USACE	U.S. Army Corps of Engineers

# 1. Introduction

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This Addendum No. 5 to the Final Environmental Impact Report (EIR) for the American River Watershed Common Features Project/Natomas Post-authorization Change Report/Natomas Levee Improvement Program (NLIP), Phase 4b Landside Improvements Project (Phase 4b Project) (State Clearinghouse No. 2009112025) (SAFCA 2010), addresses proposed minor modifications and refinements to the improvements proposed in Reach B on the Sacramento River East Levee. These proposed minor modifications and refinements consist of the following: modifying the realignment of the Riverside Canal to include an underground pipeline instead of a surface canal between Farm Road and Bryte Bend Road, and constructing a booster pump station for the pipeline at Radio Road.

## 2. Summary of the Natomas Levee Improvement Program

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The overall purpose of the multi-phase NLIP is to bring the entire 42-mile Natomas Basin perimeter levee system into compliance with applicable Federal and state standards for levees protecting urban areas through a program of proposed levee improvements to address levee height deficiencies, levee seepage potential, and streambank erosion conditions along the Natomas Basin perimeter levee system. The Landside Improvements Project, which is a component of the NLIP, consists of four phases. Construction of Phase 1 and Phase 2 is complete. Phase 3 construction along the SREL is largely complete. The U.S. Army Corps of Engineers (USACE), Sacramento District plans to complete work of Phase 3 along the Pleasant Grove Creek Canal (PGCC) (Reach E) in 2021 and part of the NEMDC (Reach H) in 2018 and 2019.

The Phase 4 Project was divided into two sub-phases to provide the flexibility to construct this phase over more than one construction season. The Phase 4a Project consists of improvements to a portion of the perimeter levee system protecting the Natomas Basin in Sacramento and Sutter Counties and associated landscape and irrigation/drainage infrastructure modifications as proposed by SAFCA. The Phase 4b Project is the final phase of the Landside Improvements Project, and consists of improvements to the remaining portions of the Natomas Basin's perimeter levee system in the City of Sacramento and in Sutter and Sacramento Counties, California, associated landscape and irrigation/drainage infrastructure modifications, and habitat creation and management.

The Phase 4a project, which would be modified as described in this Addendum, includes the following actions:

- Extend the relocated Riverside Canal upstream of Powerline Road in Reach B:11B-12B; relocate the canal east of the adjacent levee in Reach B:13-15 and east of the adjacent levee, residences, and tree

groves in Reach B:15-17. Construct a piped section in Reach B:15-18B at the toe of the new adjacent levee. (The proposed modifications and refinements described in this Addendum address this project component).

- Construct an adjacent levee in Reach B:10-15. Use cutoff walls, seepage berms, and relief wells for seepage remediation.
- Install cutoff wall in the adjacent levee in Reach C:4B.
- Raise the Natomas Cross Canal south levee, flatten slopes, install cutoff wall, and modify or replace existing pumps and motors to raise discharge pipes above 200-year elevation, at the Natomas Central Mutual Water Company (NCMWC) Bennett and Northern Main Pump Stations.
- Raise the NCMWC Riverside Pumping Plant's discharge pipes above the 200-year water surface elevation and modify or replace existing pumps and motors to accommodate the raised discharge pipes.
- Raise discharge pipes, and upgrade motors and pumps at nine private river pumps on Reaches D:1, C:1-2, and B:11A-12A.
- Remove pump, intake, and support structure at South Lauppe Pump. Reconstruct following separate USACE bank protection project.
- Raise NCMWC's Riverside Pumping Plant's discharge pipes above the 200-year water surface and modify or replace existing pumps and motors to accommodate the raised discharge pipes. In-water construction could include use of dredge pumps so that new pumps could be installed, but no cofferdam dewatering.
- Raise discharge pipes above the 200-year water surface at Reclamation District (RD) 1000 Pumping Plant Nos. 3 and 5, extend pipes to tie into existing discharge pipes within the waterside bench, replace or modify pumps and motors. Seepage remediation includes relocating landside stations away from the levee.
- Clear landside vegetation in Reach B12B-15 of the Sacramento River east levee, in a 660-foot wide corridor to prepare for project work.
- Establish 140 acres of agricultural upland habitat at Fisherman's Lake Borrow Area, establish perennial native grasses on levee slopes, seepage berms, and access and maintenance areas; create up to 120 acres of managed seasonal and perennial marsh; and establish native riparian and woodland habitats along the landside of the Sacramento River east levee.
- Abandon approximately 13 agricultural wells and replace, in locations, outside the project footprint. Construct five new wells to provide water supply for habitat mitigation features.
- Realign and relocate irrigation and drainage canals, utility poles, and other infrastructure.
- Remove encroachments to meet Central Valley Flood Protection Board (CVFPB), USACE, and Federal Emergency Management Agency (FEMA) requirements.
- Exchange lands with Sacramento County Airport System (SCAS) in Reaches C:4A and B:5B-6.

- Acquire right-of-way to construct, operate, and maintain the improvements.

### 3. Summary of Previous Environmental Review Process

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The NLIP is part of SAFCA's efforts to complete comprehensive flood control improvements in the Sacramento metropolitan area, and was analyzed in the EIR on Local Funding Mechanisms for Comprehensive Flood Control Improvements for the Sacramento Area (Local Funding EIR), prepared by SAFCA in 2007 (State Clearinghouse No. 2006072098). The NLIP involves improving the levee system that provides flood protection for the 53,000-acre Natomas Basin in northern Sacramento County and southern Sutter County, including a portion of the City of Sacramento. In addition to SAFCA's levee improvement activities in other parts of the community that were described and analyzed at a programmatic level, the Local Funding EIR described and analyzed NLIP Phase 1 (Natomas Cross Canal Phase 1 Improvements) at a project level.

On November 29, 2007, SAFCA certified the 2007 Landside EIR (State Clearinghouse No. 2007062016). The 2007 Landside EIR was tiered from the Local Funding EIR, covering three Project Phases (the Phase 2 Project, Phase 3 Project, and Phase 4 Project) of landside improvements to the levees protecting the Natomas Basin in Sacramento and Sutter Counties. The Phase 2 Project was analyzed at a project level, and the remainder of the Landside Improvements Project (i.e., Phase 3 and Phase 4) was analyzed at a program level.

SAFCA has prepared two supplemental EIRs (SEIR) and two addenda to the Phase 2 EIR. SEIR No. 1 (January 2009) evaluated "24/7" construction of cutoff walls, replacement of seepage berms with cutoff walls in Sacramento River East Levee (SREL), enlargement of the seepage berm in Reach 4B of the SREL, change in Airport North Bufferlands baseline (active rice to idle), design details for Garden Highway drainage outfalls, and additional preservation of high-quality foraging habitat. SEIR No. 2 (October 2012) evaluated the excavation of fill material from, and restoration of, the American River Mile (RM) 0.5 Mitigation Site and an increase in levee height along Reaches 1 through 11B of the SREL. Additionally, the document evaluated potential impacts to forestry resources associated with implementation of the project. Addendum 1 (June 2009) addressed construction of four wells east of the SREL in Reaches 1-3. Addendum 2 (August 2009) addressed removal of a portion of the Central Main Flume, vegetation removal near Prichard Pumping Plant, and replacement of the outfall structure at Pumping Plant No. 4.

On February 13, 2009, USACE and SAFCA issued the Phase 3 Draft Environmental Impact Statement (EIS)/EIR for public review and comment. SAFCA then published a Final EIR on May 11, 2009, containing responses to comments and a mitigation monitoring and reporting plan (MMRP). The MMRP included mitigation measures addressing the Project's potentially significant impacts on the environment, including agricultural resources, biological and cultural resources, traffic, hydrology, water quality, air quality, noise, and hazards. The SAFCA Board certified the EIR, approved the Project, and filed the Notice of Determination on May 22, 2009 (State Clearinghouse No. 2008072060).

Separately, USACE prepared a Final EIS that was issued for public review on August 21, 2009. The USACE Record of Decision was issued on April 2, 2010.

SAFCA has prepared four addenda to the Phase 3 EIR. Addendum 1 (September 2009) addressed the discharge and disposal of pumped groundwater for dewatering excavations required to relocate Reclamation District No. 1000 (RD 1000) Pumping Plant No. 2. Addendum 2 (August 2011) addressed hauling approximately 30,000 cubic yards (cy) of fill material from the Moulton Pile site in south Sacramento to Reach 9B of the SREL improvements. Addendum 3 (July 2014) addressed refinements to the design of the Natomas Central Mutual Water Company Pritchard Lake Pumping Plant. Addendum 4 (May 2017) added the Kaufman borrow site and associated haul routes to the project.

On August 28, 2009, USACE and SAFCA issued the Phase 4a Draft EIS/EIR for public review and comment. The Phase 4a project involves improving the SREL south of Powerline Road (USACE Reaches A and B) and the American River north levee (USACE Reach I). Following public review, SAFCA published the Final EIR on November 3, 2009, containing responses to comments and a mitigation monitoring and reporting plan (MMRP). The MMRP included mitigation measures addressing the project's potentially significant impacts on the environment, including agricultural resources, biological and cultural resources, traffic, hydrology, water quality, air quality, noise, and hazards. The SAFCA Board of Directors certified the EIR in October 2009 and approved the Phase 4a Project on November 13, 2009. The Notice of Determination was filed on November 16, 2009 (State Clearinghouse No. 2009032097). Separately, USACE prepared a Final EIS that was issued for public review in February 2010. The USACE Record of Decision was published in November 2010.

SAFCA has prepared five addenda to the Phase 4a EIR. Addendum 1 (February 2011) addressed several changes in habitat design for Fisherman's Lake and the addition of woodland habitat. Addendum 2 (April 2012) addressed the removal of approximately 20,000 cy of spoil material along the West Drainage Canal between Powerline Road and the RD 1000 Pumping Plant No. 5 inlet channel and the transport of that material to SREL Reaches 10-12B. Addendum 3 (July 2012) addressed the additional removal of approximately 15,000 cy of spoil material along the West Drainage Canal near Powerline Road and the transport of that material to the same levee reaches (Reaches 10-12B along the Sacramento River). Addendum 4 (March 2015) addressed reconfiguring and adding drainage infrastructure to improve water quality in Fisherman's Lake. Addendum 5 (November 2018) addressed changes to levee improvements in Reaches B:12B-15, adjustments to the woodland mitigation site in Reach B; and modifying the realignment of the Riverside Canal.

The Phase 4b project is the final subphase of the NLIP Landside Improvements Project, and consists of completing improvements to the remaining portions of the Basin's perimeter levee system in the City of Sacramento and in Sutter and Sacramento Counties including the Natomas East Main Drainage Canal (NEMDC) west levee between Sankey Road and West Elkhorn Boulevard (USACE Reaches F and G).

USACE, as lead agency under the National Environmental Policy Act, and SAFCA, as lead agency under the California Environmental Quality Act (CEQA),<sup>1</sup> prepared a joint Draft EIS/EIR for the American River Watershed Common Features Project/Natomas Post-authorization Change Report/NLIP, Phase 4b Project, and distributed the Draft EIS/EIR on July 2, 2010 for a 45-day public review period. Four public meetings were held in Sacramento and in the Natomas Basin during the public comment period.

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<sup>1</sup> CEQA is found at California Public Resources Code, Sections 21000 et seq., and the State CEQA Guidelines are found at California Code of Regulations, Title 14, Section 15000 et seq.

The public comment period on the Draft EIS/EIR ended on August 16, 2010. A Final EIS/EIR was published by SAFCA on October 22, 2010 and certified by the SAFCA Board of Directors on November 12, 2010. The Draft and Final EIS/EIR are available at SAFCA's office at 1007 7th Street, 7th Floor, Sacramento, CA 95814 and online at SAFCA's Web site ([http://www.safca.org/Programs\\_Natomas.html](http://www.safca.org/Programs_Natomas.html)).

SAFCA has prepared four prior addenda to the Phase 4b EIR. Addendum 1 (April 2018) addressed removal of the Bennett and Northern Main Pumping Plants, improvements at Pumping Plant No. 4, relocation of the Vestal Drain, associated adjustments to access and staging areas, and associated use of increased amounts of fill material. Addendum 2 (September 2018) addressed modifications at City Sump 58; use of slag cement-cement-bentonite (SCCB) backfill to construct cutoff walls; additional details of staging areas, and borrow and disposal sites; traffic control; and recreational access. Addendum 3 (December 2018) addressed modifications, refinements, and/or updates to the construction schedule; traffic control measures; mitigation for impacts on recreational access; identification of a mitigation area for Reach H tree loss/removal; removal of encroachments; use of slag-cement-cement-bentonite (SCCB) backfill to construction cutoff walls; construction of landside stability berms and seepage relief wells; replacement of a City of Sacramento water main; and identification of staging areas, borrow and disposal sites. Addendum 4 (May 2019) addressed modifications to the construction schedule and new staging areas, and an increase of the area affected by 24-hour construction.

The Phase 4b Project includes all of the SAFCA-proposed NLIP project components contained and described in the NLIP Phase 1, Phase 2, Phase 3 and Phase 4a EIS/EIRs, as well as the Phase 4b project components proposed by the USACE under the Natomas Basin Project (NBP) (*see* Phase 4b EIR, pages 1-6 and 1-7). Additionally, the USACE is the lead agency for constructing the remainder of the NLIP/NBP. Thus, the project refinements or modifications discussed in this Addendum, some of which relate to project elements primarily described in the Phase 4a EIR (*see* Phase 4a EIR pages 2-52 through 2-56, and Plates 2-6b and 2-9b), are being analyzed under the Phase 4b EIS/EIR, which incorporated each of the EIS/EIRs adopted for the NLIP Project phases. For clarity, page references to the Phase 4a EIR will be provided, where appropriate.

Table 1 summarizes the previous environmental documentation prepared for the NLIP and identifies specific analysis topics relevant to the project refinements and modifications analyzed in this Addendum No. 5 to the EIS/EIR for the Phase 4b Project.

**Table 1. Natomas Levee Improvement Program Environmental Documentation**

<b>Programmatic and Phase 1 Project (SCH 2006072098)</b>		Not related to project changes analyzed in this Addendum.
Environmental Impact Report (EIR) on Local Funding Mechanisms for Comprehensive Flood Control Improvements for the Sacramento Area (February 2007)		
<b>Phase 2 Project (SCH 2007062016)</b>		Not related to project changes analyzed in this Addendum.
Final EIR on the Natomas Levee Improvement Program (NLIP) [Phase 2] Landside Improvements Project (LIP) (November 2007)		
Supplement No. 1 (January 2009)		
Addendum No. 1 (June 2009)		
Addendum No. 2 (August 2009)		
Supplemental No. 2 (October 2012)		
<b>Phase 3 Project (SCH 2008072060)</b>		Not related to project changes analyzed in this Addendum.
Final EIR on the NLIP Phase 3 LIP (May 2009)		
Addendum No. 1 (September 2009)		
Addendum No. 2 (August 2011)		
Addendum No. 3 (July 2014)		
Addendum No. 4 (May 2017)		
<b>Phase 4a Project (SCH 2009032097)</b>		
Final EIR on the NLIP Phase 4a LIP (November 2009)	Analysis included a description of the impacts of relocating the Riverside Canal east of the adjacent levee in Reach B:13-15 and east of the adjacent levee, residences, and tree groves in Reach B:15-17. The EIR analyzed constructing a piped section in Reach B:15-18B at the toe of the new adjacent levee (see Phase 4a EIR, Plates 2-6b and 2-9b). <i>Project modifications and refinements include replacement of the canal with a pipeline between Farm Road and Bryte Bend Road, and construction of a pump station at Radio Road to connect the pipeline and canal.</i>	
Addendum No. 1 (February 2011)	Not related to project changes analyzed in this Addendum.	
Addendum No. 2 (April 2012)	Not related to project changes analyzed in this Addendum.	
Addendum No. 3 (July 2012)	Not related to project changes analyzed in this Addendum.	
Addendum No. 4 (March 2015)	Not related to project changes analyzed in this Addendum.	
Addendum No. 5 (November 2018)	Analysis included a description of the impacts of shifting the alignment of the relocated Riverside Canal eastward, and constructing a buried pipeline from Radio Road to Farm Road. <i>Project modifications and refinements include replacement of the canal with a pipeline between Farm Road and Bryte Bend Road, and construction of a pump station at Radio Road to connect the pipeline and canal.</i>	
<b>Phase 4b Project (SCH 2009112025)</b>		The Phase 4b Project incorporated each of the EIS/EIRs adopted for the NLIP Project phases.
Environmental Impact Statement/EIR on the American River Watershed Common Features Project/Natomas Post-authorization Change Report/ NLIP, Phase 4b LIP (October 2010)		
Addendum No. 1 (April 2018)		
Addendum No. 2 (September 2018)		
Addendum No. 3 (December 2018)		
Addendum No. 4 (May 2019)		



## 4. Modifications and Refinements to the Project

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The minor project refinements listed below would result in no new significant environmental impacts and would not increase the intensity or severity of significant impacts previously evaluated in the EIR. Figure 1 illustrates the locations of the modified improvements described below.

The Riverside Canal realignment would be modified from that described in the Phase 4a EIR and Addendum 5 to the Phase 4a EIR (*see* Phase 4a EIR pages 2-52 through 2-56, and Plates 2-6b and 2-9b [reproduced following Figure 1 in this Addendum]). From Farm Road to Bryte Bend Road, an underground pipeline would be constructed in place of the realigned canal described in the Phase 4a EIR. *See* Figure 1. Pipeline construction would be as described in the Phase 4a EIR for other segments of the Riverside Canal relocation, (*see* Phase 4a EIR, pages 2-54 through 2-56) and would include excavating an open trench, laying pipes (estimated at 24- to 48-inch-diameter), and backfilling to provide adequate cover material. Turnouts and inlet/outlet structures would be constructed as described in the Phase 4a EIR. The buried pipeline would result in reduced land area devoted to the canal.

A new booster pump station would be constructed at the transition from the relocated Riverside Irrigation Canal to the Riverside Irrigation Pipeline, north of Radio Road. The booster pump station would pump water from the Riverside Irrigation Canal under Radio Road to the beginning of the Riverside Pipeline on the south side of Radio Road. The booster pump station would include an approximately 5,300-square-foot area enclosed by a chain-link security fence. The enclosure would contain two new irrigation pumps in a new cast-in-place concrete sump, a concrete-lined canal approach, a new fixed bar trash rack, steel piping, and mechanical components associated with the pump. The booster pump station would also include a 48-inch gravity-bypass pipe that would connect the sump directly to the Riverside Irrigation Pipeline when pumps are not necessary.

## 5. Standard for Preparation of an Addendum

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As described in State CEQA Guidelines Section 15162(a), when an EIR has been certified or negative declaration adopted for a project, no subsequent EIR shall be prepared for that project unless the lead agency determines, on the basis of substantial evidence in light of the whole record, that one or more of the following conditions is met:

- 1) Substantial changes are proposed in the project which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects;
- 2) Substantial changes occur with respect to the circumstances under which the project is undertaken which will require major revisions of the previous EIR or negative declaration due to the involvement of new significant environmental effects or a substantial increase in the severity of previously identified significant effects; or
- 3) New information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified or the negative declaration was adopted, shows any of the following:
  - a) The project will have one or more significant effects not discussed in the previous EIR or negative declaration;
  - b) Significant effects previously examined will be substantially more severe than shown in the previous EIR;
  - c) Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or
  - d) Mitigation measures or alternatives which are considerably different from those analyzed in the previous EIR would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative.

State CEQA Guidelines Section 15164(a) states that a lead agency may prepare an addendum to a previously certified EIR if some changes or additions are necessary but none of the conditions described in Section 15162 calling for preparation of a subsequent EIR have occurred.

As explained in Section 3, “Modifications and Refinements to the Project,” above, the proposed modifications and refinements to the project would not:

- result in any new significant or potentially significant environmental effects, or
- result in a substantial increase in the severity of previously identified significant or potentially significant effects.

In addition, there is no new information of substantial importance which shows that:

- the project would have new significant or potentially significant effects,
- the project would have substantially more severe significant effects,
- mitigation measures previously found to be infeasible would in fact be feasible, or

- mitigation measures that are considerably different from those analyzed in the EIR would substantially reduce one or more significant or potentially significant effects on the physical environment.

Because none of the conditions described in Section 15162 of the State CEQA Guidelines calling for preparation of a Subsequent EIR has occurred, an Addendum to the EIR, consistent with Section 15164 of the State CEQA Guidelines, is the appropriate CEQA document to evaluate the proposed modifications and refinements to the project and explain, based on substantial evidence, that none of the conditions described in Section 15162 has occurred.

## **6. Environmental Analysis**

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The proposed project modifications and refinements would not cause any new or more severe significant or potentially significant impacts than those analyzed and disclosed in the Phase 4a or Phase 4b EIR for the following topic areas, because the proposed modifications and refinements would not increase the project footprint or the duration of construction, and they will not include other changes to construction with the potential to increase environmental effects:

- Agricultural Resources
- Land Use, Socioeconomics, and Population and Housing
- Geology, Soils, and Mineral Resources
- Hydrology and Hydraulics
- Water Quality
- Biological Resources
- Cultural Resources
- Paleontological Resources
- Transportation and Circulation
- Air Quality
- Noise
- Recreation
- Visual Resources
- Utilities and Service Systems
- Hazards and Hazardous Material
- Environmental Justice

The proposed underground pipeline from Farm Road to Bryte Bend Road would not create any new or more severe impacts than those analyzed in the prior environmental documents. The pipeline would be constructed on affected parcels identified in the Phase 4a EIR, and the pipeline construction methods and materials required to construct the revised alignment would be unchanged from the Phase 4a EIR. Construction impacts (noise, air quality, etc.) of the pipeline would be similar to or less than those of creating an elevated canal and associated embankments, due to the reduced earthmoving. The pipeline would result in reduced affected land area compared to the relocated canal, potentially slightly reducing the impacts related to the loss of agricultural land described in the Phase 4a EIR.

The realigned Riverside Canal was identified as a source of potential mitigation for impacts to giant garter snake (GGS) habitat in the Phase 4a EIR. Although use of a pipeline rather than a canal would reduce the amount of surface canal available to mitigate impacts to GGS, the reduction would be approximately 2 acres, and there are currently approximately 60 acres of excess GGS habitat mitigation available as part of NLIP. Therefore, because sufficient area would remain available to mitigate impacts to GGS, this project modification would not result in any new significant impacts or more severe effects than those described in the Phase 4a EIR.

The booster pump station also will not create any new or more severe impacts than previously analyzed in the Phase 4a EIR for other project components. The booster pump station would be constructed within the footprint of the “maximum limits of flood damage reduction components” identified as areas of impact in the Phase 4a EIR, and would involve similar construction activities and construction of similar facilities to those described related to the modification or relocation of Pumping Plants Numbers 3 and 5 (*see* Phase 4a EIR, pages 2-58 through 2-60), in similar proximity to neighboring residential uses. The booster pump station would operate in a similar way to other pump stations in the Natomas Basin, including Pumping Plant Numbers 3 and 5. Thus, the construction and operation of the booster pump station will not result in new or more severe significant impacts than those discussed in the Phase 4a EIR. Additionally, the enclosure around the booster pump station would be visually similar to structures associated with a jet fuel pipeline modification analyzed in the Phase 4a EIR. Furthermore, reclamation features related to pipelines and canals are identified as part of the existing visual character of the western Natomas Basin in the Phase 4a EIR. The construction of the booster pump station would be consistent with this existing visual character and would not result in new significant impacts or more severe significant effects than those described in the Phase 4a EIR.

## 7. Conclusions

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As described in the preceding sections, the proposed modifications and refinements to the project do not require any revisions to the Phase 4a and 4b EIR because they would not result in any new or substantially more severe significant environmental impacts or potentially significant environmental impacts. Therefore, none of the conditions listed in Section 15162 would occur.

Based on the analysis and substantial evidence in Section 6, “Environmental Analysis,” the proposed project modifications and refinements described in this Addendum would not result in any of the conditions described in Section 15162 of the State CEQA Guidelines calling for preparation of a Subsequent EIR. In summary, the proposed project changes:

- would not result in any new significant environmental effects, and
- would not substantially increase the severity of previously identified significant effects;

Further, there is no new information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified as complete, that shows any of the following:

- The project will have one or more significant effects not discussed in the previous EIR;

- Significant effects previously examined will be substantially more severe than shown in the previous EIR;
- Mitigation measures or alternatives previously found not to be feasible would in fact be feasible, and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or
- Mitigation measures or alternatives which are considerably different from those analyzed in the prior EIR would substantially reduce one or more significant effects on the physical environment, but the project proponents decline to adopt the mitigation measure or alternative.

These conclusions confirm that a subsequent EIR is not required, and this Addendum No. 5 to the Final EIR for the Phase 4b Project is the appropriate CEQA document under State CEQA Guidelines Section 15164 to evaluate the environmental effects of the proposed modifications and refinements to the project. No changes are needed to the certified Final EIR or the adopted MMRP.



Figure 1: Proposed Modifications and Refinements

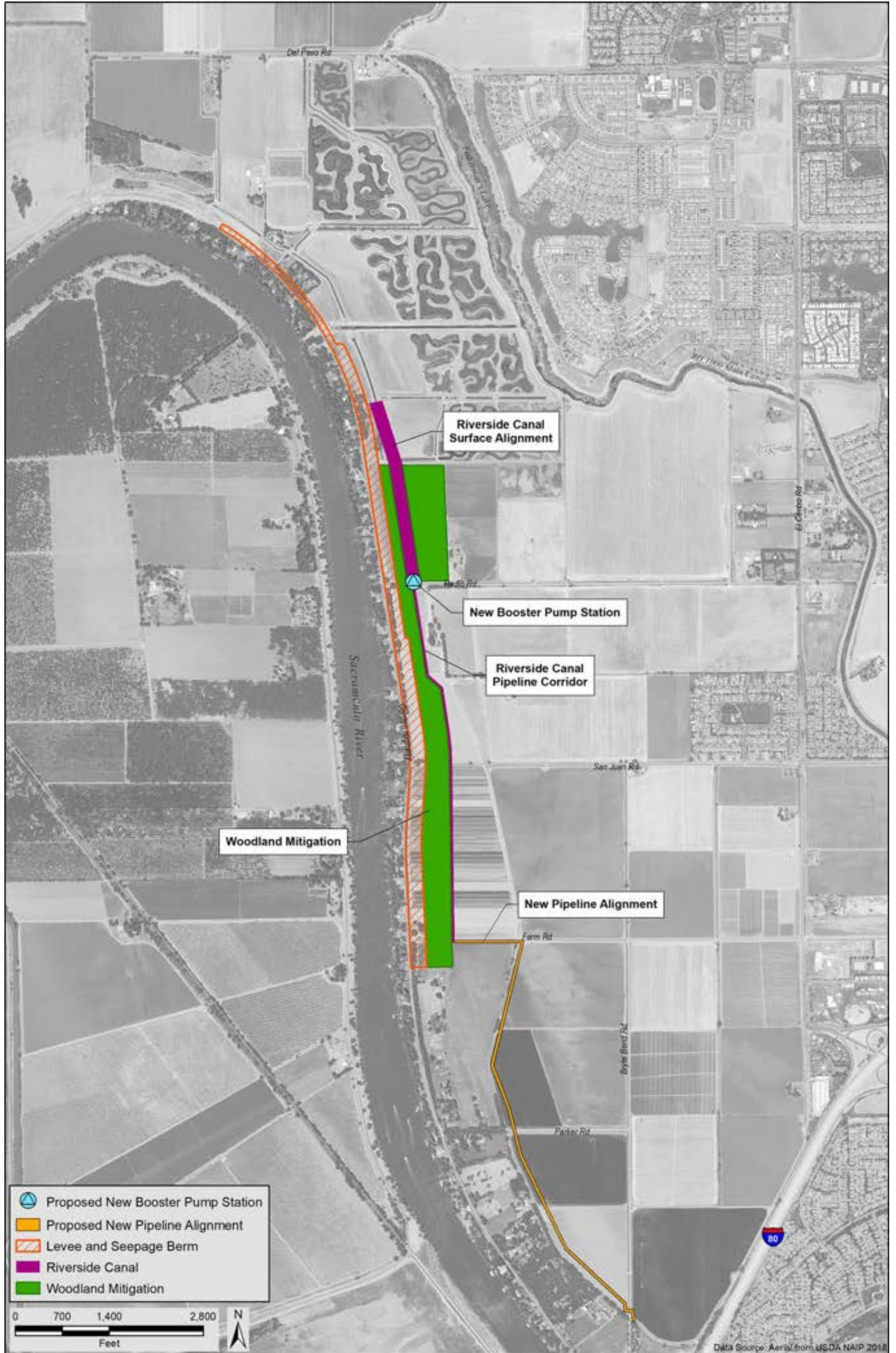
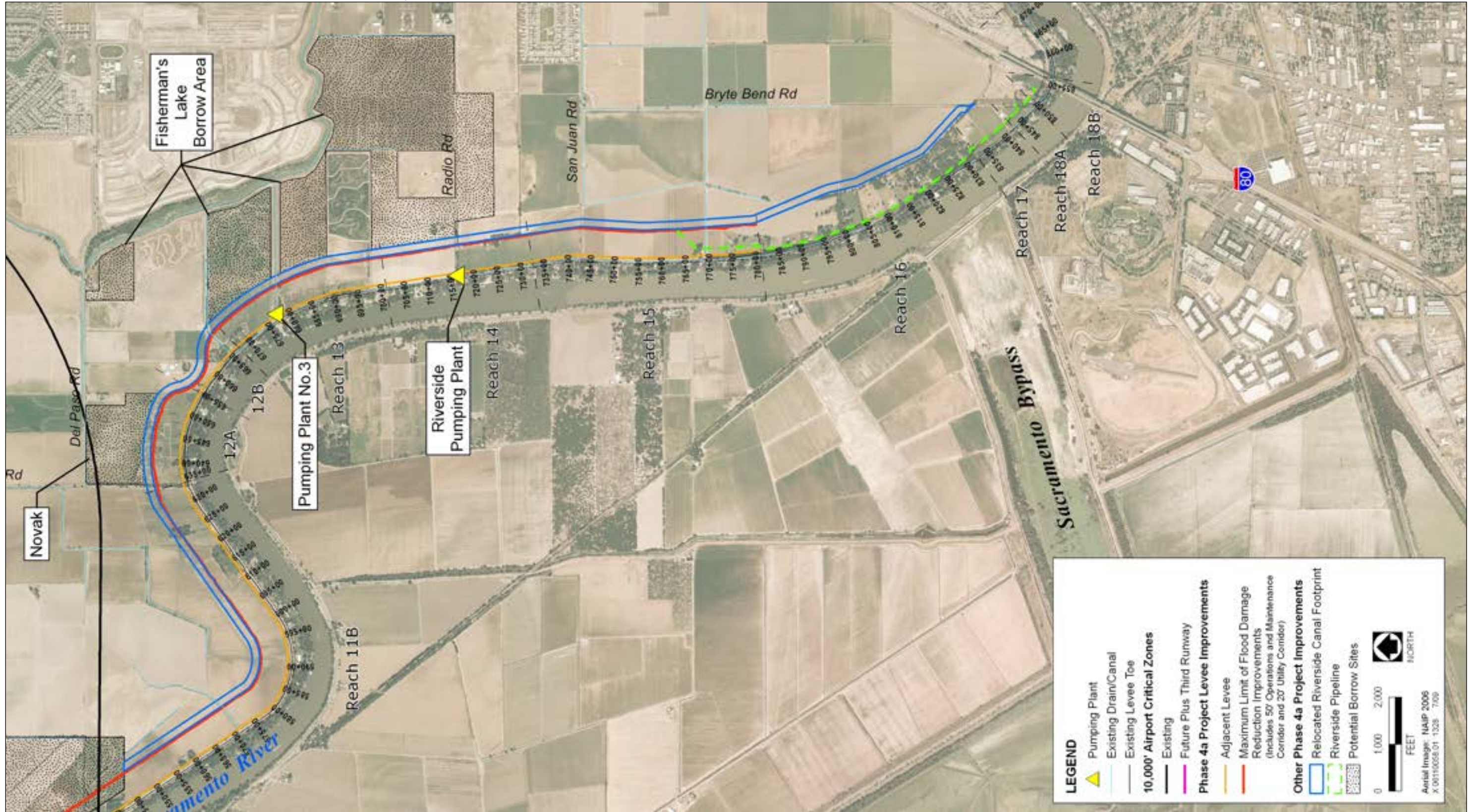


Figure Source: HDR 9/17/2009; Mead & Hunt 10/01/2009; GEI Consultants, 2018.

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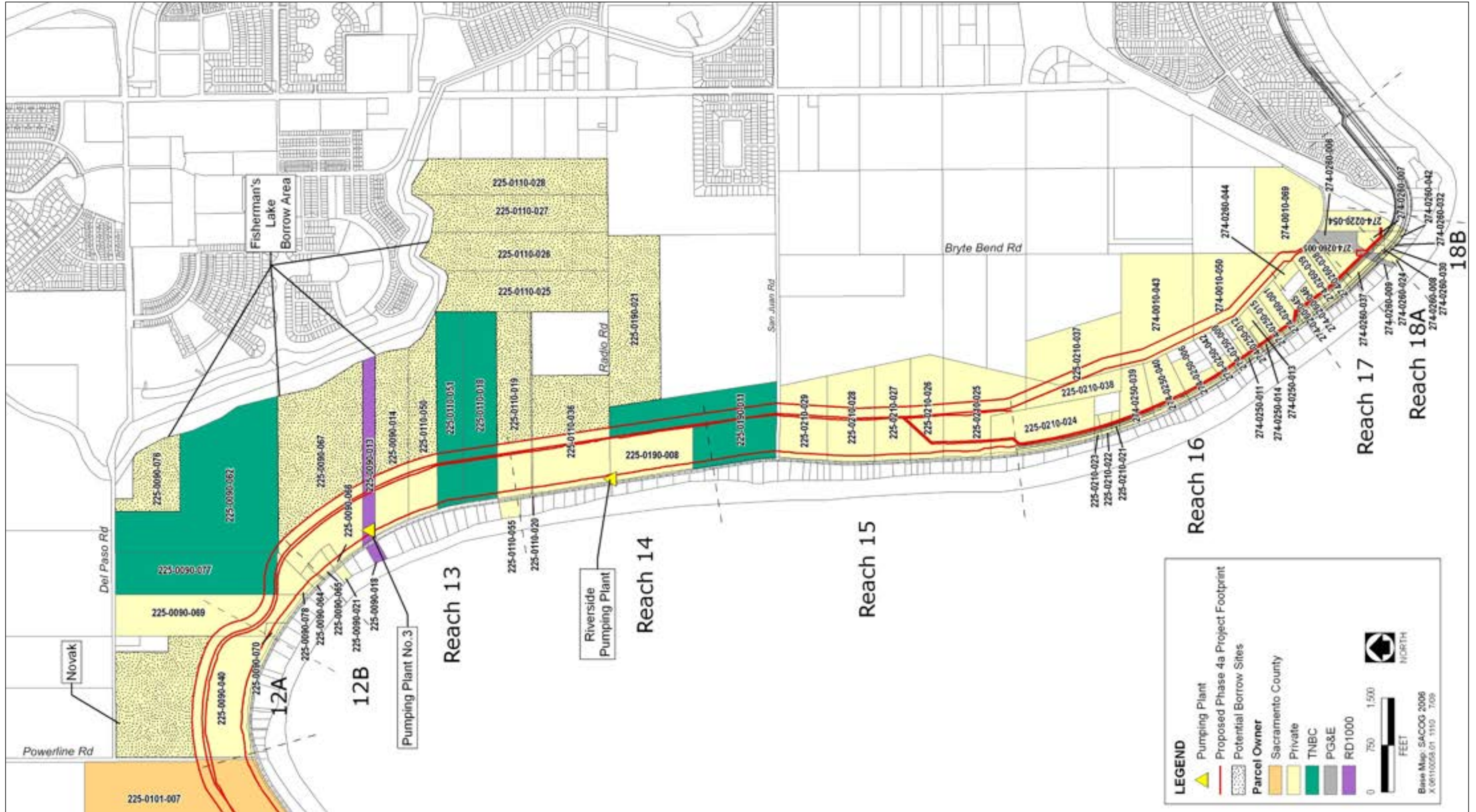
Plate 2-6b from Phase 4a EIR: Proposed Phase 4a Project Features – Sacramento River East Levee and Fisherman's Lake Borrow Area



Source: SAFCA 2009



Plate 2-9b from Phase 4a EIR: Land Ownership in the Proposed Phase 4a Project Footprint



Source: SAFCA 2009



