



**YOLO COUNTY
COMMUNITY SERVICES DEPARTMENT**

**Errata and Mitigation Monitoring
and Reporting Program**

**For the
Final Initial Study/
Mitigated Negative Declaration
File #PW2023-01**

**County Road 96 over Union School Slough
Bridge Replacement Project
SCH# 2023060337**

**County Work Order 4595
Federal Project Number BRLO-5922 (103)
August 2023**

Table of Contents

| | |
|---|---|
| 1. Project Description..... | 1 |
| 2. Errata and Changes to the Draft IS/MND..... | 9 |
| 3. Mitigation and Monitoring Reporting Program..... | 9 |
| 3.1 Mitigation Monitoring and Reporting Requirements..... | 9 |
| 3.2 Mitigation Monitoring and Reporting Procedures | 9 |

Tables

| | |
|---|----|
| Table 1. List of Comment Letters | 2 |
| Table 2. Mitigation Monitoring and Reporting Program..... | 11 |

1. Project Description

Location

The County Road (CR) 96 over Union School Slough Bridge Replacement Project (Project) is located within unincorporated Yolo County, California on County Road 96 over Union School Slough, approximately 0.65 miles north of CR 29 (Figures 1 and 2). The Project is located within the US Geological Survey (USGS) “Merritt” Quadrangle; Sections 26 and 27, Township 09N, Range 01E.

History

Yolo County (County) proposes to replace the existing bridge on CR 96 over Union School Slough with funding made available through the Federal Highway Administration (FHWA) Highway Bridge Program and administered by the California Department of Transportation (Caltrans). The bridge was determined to be structurally deficient obsolete by Caltrans as recently as 2013 and currently has a sufficiency rating of 54.9.

The Project site is located within the southern region of Yolo County, northeast of the Yolo County Airport. County Road 96 is a rural local roadway that extends between Russell Boulevard to the south and CR 27 to the north. County Road 96 is paved and has a constructed width of approximately 20 feet and no shoulders. The bridge, with an Average Daily Traffic count of 200 vehicles, is bordered primarily by agricultural land. There are no posted speed limits within the Project vicinity.

The existing bridge (Bridge No. 22C0126) was constructed in 1930 and is approximately 40 feet long and 20 feet wide. The structure consists of single-span reinforced concrete T-girders. The bridge has extensive deck cracking, with longitudinal cracking along the bottom of all girders. Spalls with exposed rebar are also visible on the girders and soffit, and abrasion with exposed rebar is evident on the face of the northern abutment (Abutment 2). Sections of the bridge railing have completely spalled, exposing the rebar. Debris and mud build-up under the bridge has exacerbated the documented scouring at the site.

Project Purpose and Need

The purpose of the Project is to improve public safety while traveling on CR 96. The need for the Project arises from the poor condition of the bridge (longitudinal and deck cracking, bridge railing in poor condition). The bridge has been programmed for replacement in the Highway Bridge Program (HBP).

Comments and Responses

This section contains copies of the comment letters received during the public review period. In conformance with Section 15088(a) of the State CEQA Guidelines, the County has considered comments on environmental issues from reviewers of the Draft IS/MND and has prepared written responses. Three comments were received on the Draft IS/MND. The comments received do not raise substantial environmental issues as to the adequacy of the Draft IS/MND. The letters received and the responses to the comments contained in the letters are provided in this section.

List of Comment Letters

A list of public agencies, organizations, and individuals that provided comments on the Draft IS/MND is presented below. The letters and the responses to comments follow.

Table 1. List of Comment Letters

| Letter Number | Sender | Date Received |
|---------------|--|---------------|
| 1 | Baldwinder Singh | June 19, 2023 |
| 2 | Sahota | June 19, 2023 |
| 3 | Central Valley Regional Water Quality Control Board (Peter Minkel) | July 11, 2023 |

Letter 1 – Baldwinder Singh (email comment)

Mr. Singh submitted an email comment to Yolo County planning staff regarding the proposed Project. Mr. Singh acknowledges the Project's proximity to his parcel and, due to the current condition of the road, requests that CR 96 be paved in conjunction with the Project. Mr. Singh notes the road's composition contributes to the bringing up of dust which lands in nearby orchards. Mr. Singh suggests the road be paved with asphalt, rather than loose gravel, from the intersection of CR 29 and CR 96 to the proposed bridge site, an estimated 0.65 mile length.

Letter 1 – Response to Comment

The purpose of the Initial Study is to analyze, report, and mitigate potential adverse impacts as a result of the proposed Project. The Project involves the replacement of a specific bridge structure so that Union School Slough may experience improved functionality. The composition of the road near the commentor's parcel is unrelated to the proposed activities; therefore, no changes to the Final IS/MND will be made as a result of this comment.

Letter 2 – Sahota (verbal comment)

Commentor Sahota verbally requested, to Yolo County staff, that CR 96 be paved in conjunction with the proposed Project.

Letter 2 – Response to Comment

The purpose of the Initial Study is to analyze, report, and mitigate potential adverse impacts as a result of the proposed Project. The Project involves the replacement of a specific bridge structure so that Union School Slough may experience improved functionality. The composition of the road near the commentor's parcel is unrelated to the proposed activities; therefore, no changes to the Final IS/MND will be made as a result of this comment.



Central Valley Regional Water Quality Control Board

11 July 2023

Stephanie Cormier
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COMMENTS TO REQUEST FOR REVIEW FOR THE MITIGATED NEGATIVE DECLARATION, COUNTY ROAD 96 OVER UNION SCHOOL SLOUGH BRIDGE REPLACEMENT PROJECT, SCH#2023060337, YOLO COUNTY

Pursuant to the State Clearinghouse's 12 June 2023 request, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has reviewed the *Request for Review for the Mitigated Negative Declaration* for the County Road 96 over Union School Slough Bridge Replacement Project, located in Yolo County.

Our agency is delegated with the responsibility of protecting the quality of surface and groundwaters of the state; therefore our comments will address concerns surrounding those issues.

I. Regulatory Setting

Basin Plan

The Central Valley Water Board is required to formulate and adopt Basin Plans for all areas within the Central Valley region under Section 13240 of the Porter-Cologne Water Quality Control Act. Each Basin Plan must contain water quality objectives to ensure the reasonable protection of beneficial uses, as well as a program of implementation for achieving water quality objectives with the Basin Plans. Federal regulations require each state to adopt water quality standards to protect the public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act. In California, the beneficial uses, water quality objectives, and the Antidegradation Policy are the State's water quality standards. Water quality standards are also contained in the National Toxics Rule, 40 CFR Section 131.36, and the California Toxics Rule, 40 CFR Section 131.38.

The Basin Plan is subject to modification as necessary, considering applicable laws, policies, technologies, water quality conditions and priorities. The original Basin Plans were adopted in 1975, and have been updated and revised periodically as required, using Basin Plan amendments. Once the Central Valley Water Board has adopted a Basin Plan amendment in noticed public hearings, it must be approved by the State Water Resources Control Board (State Water Board), Office of

MARK BRADFORD, CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

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County Road 96 over Union School
Slough Bridge Replacement Project
Yolo County

- 2 -

11 July 2023

Administrative Law (OAL) and in some cases, the United States Environmental Protection Agency (USEPA). Basin Plan amendments only become effective after they have been approved by the OAL and in some cases, the USEPA. Every three (3) years, a review of the Basin Plan is completed that assesses the appropriateness of existing standards and evaluates and prioritizes Basin Planning issues. For more information on the *Water Quality Control Plan for the Sacramento and San Joaquin River Basins*, please visit our website:

http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/

Antidegradation Considerations

All wastewater discharges must comply with the Antidegradation Policy (State Water Board Resolution 68-16) and the Antidegradation Implementation Policy contained in the Basin Plan. The Antidegradation Implementation Policy is available on page 74 at:

https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_2018_05.pdf

In part it states:

Any discharge of waste to high quality waters must apply best practicable treatment or control not only to prevent a condition of pollution or nuisance from occurring, but also to maintain the highest water quality possible consistent with the maximum benefit to the people of the State.

This information must be presented as an analysis of the impacts and potential impacts of the discharge on water quality, as measured by background concentrations and applicable water quality objectives.

The antidegradation analysis is a mandatory element in the National Pollutant Discharge Elimination System and land discharge Waste Discharge Requirements (WDRs) permitting processes. The environmental review document should evaluate potential impacts to both surface and groundwater quality.

II. Permitting Requirements

Clean Water Act Section 404 Permit

If the project will involve the discharge of dredged or fill material in navigable waters or wetlands, a permit pursuant to Section 404 of the Clean Water Act may be needed from the United States Army Corps of Engineers (USACE). If a Section 404 permit is required by the USACE, the Central Valley Water Board will review the permit application to ensure that discharge will not violate water quality standards. If the project requires surface water drainage realignment, the applicant is advised to contact the Department of Fish and Game for information on Streambed Alteration Permit requirements. If you have any questions regarding the Clean Water Act Section 404 permits, please contact the Regulatory Division of the Sacramento District of USACE at (916) 557-5250.

Clean Water Act Section 401 Permit – Water Quality Certification

If an USACE permit (e.g., Non-Reporting Nationwide Permit, Nationwide Permit, Letter of Permission, Individual Permit, Regional General Permit, Programmatic

Letter 3 – Central Valley Regional Water Quality Control Board, Peter Minkel, (Page 3 of 4)

County Road 96 over Union School
Slough Bridge Replacement Project
Yolo County

- 3 -

11 July 2023

General Permit), or any other federal permit (e.g., Section 10 of the Rivers and Harbors Act or Section 9 from the United States Coast Guard), is required for this project due to the disturbance of waters of the United States (such as streams and wetlands), then a Water Quality Certification must be obtained from the Central Valley Water Board prior to initiation of project activities. There are no waivers for 401 Water Quality Certifications. For more information on the Water Quality Certification, visit the Central Valley Water Board website at:
https://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_certification/

Waste Discharge Requirements – Discharges to Waters of the State

If USACE determines that only non-jurisdictional waters of the State (i.e., “non-federal” waters of the State) are present in the proposed project area, the proposed project may require a Waste Discharge Requirement (WDR) permit to be issued by Central Valley Water Board. Under the California Porter-Cologne Water Quality Control Act, discharges to all waters of the State, including all wetlands and other waters of the State including, but not limited to, isolated wetlands, are subject to State regulation. For more information on the Waste Discharges to Surface Water NPDES Program and WDR processes, visit the Central Valley Water Board website at:
https://www.waterboards.ca.gov/centralvalley/water_issues/waste_to_surface_water/

Projects involving excavation or fill activities impacting less than 0.2 acre or 400 linear feet of non-jurisdictional waters of the state and projects involving dredging activities impacting less than 50 cubic yards of non-jurisdictional waters of the state may be eligible for coverage under the State Water Resources Control Board Water Quality Order No. 2004-0004-DWQ (General Order 2004-0004). For more information on the General Order 2004-0004, visit the State Water Resources Control Board website at:

https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2004/wqo/wqo2004-0004.pdf

Dewatering Permit

If the proposed project includes construction or groundwater dewatering to be discharged to land, the proponent may apply for coverage under State Water Board General Water Quality Order (Low Threat General Order) 2003-0003 or the Central Valley Water Board’s Waiver of Report of Waste Discharge and Waste Discharge Requirements (Low Threat Waiver) R5-2018-0085. Small temporary construction dewatering projects are projects that discharge groundwater to land from excavation activities or dewatering of underground utility vaults. Dischargers seeking coverage under the General Order or Waiver must file a Notice of Intent with the Central Valley Water Board prior to beginning discharge.

For more information regarding the Low Threat General Order and the application process, visit the Central Valley Water Board website at:
http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0003.pdf

Letter 3 – Central Valley Regional Water Quality Control Board, Peter Minkel, (Page 4 of 4)

County Road 96 over Union School
Slough Bridge Replacement Project
Yolo County

- 4 -

11 July 2023

For more information regarding the Low Threat Waiver and the application process, visit the Central Valley Water Board website at:
https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2018-0085.pdf

Limited Threat General NPDES Permit

If the proposed project includes construction dewatering and it is necessary to discharge the groundwater to waters of the United States, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. Dewatering discharges are typically considered a low or limited threat to water quality and may be covered under the General Order for *Limited Threat Discharges to Surface Water* (Limited Threat General Order). A complete Notice of Intent must be submitted to the Central Valley Water Board to obtain coverage under the Limited Threat General Order. For more information regarding the Limited Threat General Order and the application process, visit the Central Valley Water Board website at:
https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2016-0076-01.pdf

NPDES Permit

If the proposed project discharges waste that could affect the quality of surface waters of the State, other than into a community sewer system, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. A complete Report of Waste Discharge must be submitted with the Central Valley Water Board to obtain a NPDES Permit. For more information regarding the NPDES Permit and the application process, visit the Central Valley Water Board website at: <https://www.waterboards.ca.gov/centralvalley/help/permit/>

If you have questions regarding these comments, please contact me at (916) 464-4684 or Peter.Minkel2@waterboards.ca.gov.

Peter Minkel

Peter Minkel
Engineering Geologist

cc: State Clearinghouse unit, Governor's Office of Planning and Research,
Sacramento

Letter 3 – Response to Comment

The comment received from the Central Valley Regional Water Quality Control Board provides a general review of the applicable regulatory setting and permitting requirements. No specific comment was addressed towards the IS/MND; therefore, no changes to the Final IS/MND will be made.

2. Errata and Changes to the Draft IS/MND

No changes to the Draft Initial Study/Mitigated Negative Declaration are proposed.

3. Mitigation and Monitoring Reporting Program

3.1 Mitigation Monitoring and Reporting Requirements

Public Resources Code (PRC) Section 21081.6 mandates that the following requirements shall apply to all reporting or mitigation monitoring programs:

- The public agency shall adopt a reporting or monitoring program for the changes made to the project or conditions of project approval in order to mitigate or avoid significant effects on the environment. The reporting or monitoring program shall be designed to ensure compliance during project implementation. For those changes which have been required or incorporated into the project at the request of a Responsible Agency or a public agency having jurisdiction by law over natural resources affected by the project, that agency shall, if so requested by the Lead Agency or a Responsible Agency, prepare and submit a proposed reporting or monitoring program.
- The Lead Agency shall specify the location and custodian of the documents or other material, which constitute the record of proceedings upon which its decision is based. A public agency shall provide the measures to mitigate or avoid significant effects on the environment that are fully enforceable through permit conditions, agreements, or other measures. Conditions of project approval may be set forth in referenced documents which address required mitigation measures or in the case of the adoption of a plan, policy, regulation, or other project, by incorporating the mitigation measures into the plan, policy, regulation, or project design.
- Prior to the close of the public review period for a draft Environmental Impact Report (EIR) or Mitigated Negative Declaration (MND), a Responsible Agency, or a public agency having jurisdiction over natural resources affected by the project, shall either submit to the Lead Agency complete and detailed performance objectives for mitigation measures which would address the significant effects on the environment identified by the Responsible Agency or agency having jurisdiction over natural resources affected by the project, or refer the Lead Agency to appropriate, readily available guidelines or reference documents. Any mitigation measures submitted to a Lead Agency by a Responsible Agency or an agency having jurisdiction over natural resources affected by the project shall be limited to measures that mitigate impacts to resources, which are subject to the statutory authority of, and definitions applicable to, that agency. Compliance or noncompliance by a Responsible Agency or agency having jurisdiction over natural resources affected by a project with that requirement shall not limit that authority of the Responsible Agency or agency having jurisdiction over natural resources affected by a project, or the authority of the Lead Agency, to approve, condition, or deny projects as provided by this division or any other provision of law.

3.2 Mitigation Monitoring and Reporting Procedures

The Mitigation Monitoring and Reporting Program (MMRP) has been prepared in compliance with PRC Section 21081.6. It describes the requirements and procedures to be followed by the Yolo County Community

Services Department to ensure that all mitigation measures or required project design features (PDF) adopted as part of the proposed project will be carried out as described in this IS/MND. Table 2 lists each of the mitigation measures or project design features specified in this document and identifies the party or parties responsible for implementation and monitoring of each measure.

Table 2. Mitigation Monitoring and Reporting Program

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|--|---|--|---|
| 1. Aesthetics | | | |
| The proposed project would not result in significant adverse impacts related to aesthetics. No mitigation would be required. | | | |
| 2. Agricultural and Forestry Resources | | | |
| The proposed project would not result in significant adverse impacts related to agriculture and forest resources. No mitigation would be required. | | | |
| 3. Air Quality | | | |
| The proposed project would not result in significant adverse impacts related to air quality. No mitigation would be required. | | | |
| 4. Biological Resources | | | |
| MM BIO-1: Western Pond Turtle (Yolo HCP/NCCP AMMs 4 and 14: Cover Trenches and Holes during Construction and Maintenance; Minimize Take and Adverse Effects on Habitat of Western Pond Turtle. The following measures will reduce potential impacts to western pond turtle: A pre-construction survey for western pond turtle shall be conducted by a qualified biologist. If a western pond turtle nest is identified during the survey, the biologist shall flag the site and determine if construction activities can avoid affecting the nest. If the nest cannot be avoided, it will be | Yolo County Community Services Department or designee | Prior to commencement of and during on-site Project activities | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|---|--|---|--|
| <p>excavated and re-buried at a suitable location outside of the construction impact zone by a qualified biologist. The County will inform CDFW if the nest cannot be avoided and such an activity must occur. If a qualified biologist determines that there is a moderate to high likelihood of western pond turtle nests within the disturbance area, the qualified biologist will monitor all initial ground-disturbing activity for nests that may be unearthed during the disturbance, and will move out of harm's way any turtles or hatchlings found. To prevent injury and mortality of western pond turtle, workers will cover open trenches and holes associated with implementation of covered activities that affect habitat for these species or design the trenches and holes with escape ramps that can be used during non-working hours. The construction contractor will inspect open trenches and holes prior to filling and contact a qualified biologist to remove or release any trapped wildlife found in the trenches or holes.</p> | | | |
| <p>MM BIO-2: Swainson's Hawk and White-Tailed Kite (Yolo HCP/NCCP AMM16: Minimize Take and Adverse Effects on Habitat of Swainson's Hawk and White-Tailed Kite) The following avoidance and minimization measures will be implemented to</p> | <p>Yolo County Community Services Department or designee</p> | <p>Prior to commencement of and during on-site Project activities</p> | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|--|--------------------------|--|--|
| <p>minimize the potential for adverse impacts on Swainson’s hawk and white-tailed kite to the maximum extent possible: The Project proponent will retain a qualified biologist to conduct preconstruction surveys for active nests consistent with guidelines provided by the Swainson’s Hawk Technical Advisory Committee (2000), between March 1 and August 30, with the final survey conducted no more than 3 days prior to the beginning of the construction activity. The results of the survey(s) will be submitted to the Conservancy and CDFW. If active nests are found during preconstruction surveys, a 1,320-foot initial temporary nest disturbance buffer shall be established. If project-related activities within the temporary nest disturbance buffer are determined to be necessary during the nesting season, then the qualified biologist will monitor the nest and will, along with the Project proponent, consult with CDFW to determine the best course of action necessary to avoid nest abandonment or take of individuals. Work may be allowed only to proceed within the temporary nest disturbance buffer if Swainson’s hawk or white-tailed kite are not exhibiting agitated behavior, such as defensive flights at intruders, getting up from a brooding position, or flying off the nest, and only with the agreement of CDFW and USFWS. The designated</p> | | | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|--|--|---|---|
| <p>on-site biologist/monitor shall be on-site daily while construction-related activities are taking place within the 1,320-foot buffer and shall have the authority to stop work if raptors are exhibiting agitated behavior. If active nests are found during preconstruction surveys, no tree pruning or removal of the nest tree will occur during the period between March 1 and August 30 within 1,320 feet of an active nest, unless a qualified biologist determines that the young have fledged and the nest is no longer active.</p> | | | |
| <p>MM BIO-3: Tricolored Blackbird (Yolo HCP/NCCP AMM21): The following avoidance and minimization measures will be implemented to minimize the potential for adverse impacts on tricolored blackbird to the maximum extent possible: The qualified biologist will conduct visual surveys to determine if an active colony is present, during the period from March 1 to July 30, consistent with protocol described by Kelsey (2008). If active colony is present or has been present within the last 5 years, implement a species protection buffer within 1,300 feet of the colony site(s) from March 1 to July 30, unless a shorter distance is approved, based on site-specific conditions, by the Conservancy and CDFW.</p> | <p>Yolo County Community Services Department or designee</p> | <p>Prior to commencement of and during on-site Project activities</p> | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|--|--|---|--|
| <p>MM BIO-4: Special-Status Bird Species, Migratory Birds, and Raptors. The following measures will be implemented to further reduce the potential for impacts on special-status and migratory birds and raptors that may nest in or near the Project area, including northern harrier: Project activities and vegetation removal within the Project area shall be initiated outside of the bird nesting season (February 1 – August 31). If Project activities and vegetation removal cannot be initiated outside of the bird nesting season than the following will occur: A qualified biologist will conduct a pre-construction survey within 3 days prior to the initiation of Project activities. If an active avian nest (i.e., with egg[s] or young) is observed within 250 feet of the Project area during the pre-construction survey, then a species protection buffer will be established. The species protection buffer will be defined by the qualified biologist in consultation with CDFW. Construction activity shall be prohibited within the buffer zones until the young have fledged or the nest fails. Nests shall be monitored once per week and a report submitted to the lead agency weekly.</p> | <p>Yolo County Community Services Department or designee</p> | <p>Prior to commencement of and during on-site Project activities</p> | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|---|--|---|--|
| <p>MM BIO-5 – Bat Avoidance and Minimization. The following measures will be implemented to further reduce the potential for impacts on bats that may roost in the Project area. Mature trees should be removed and/or fallen between March 1 – April 15, or between September 1 – October 15 (or when evening temperatures are above 45° and rainfall is less than ½ inch in 24 hours). Trees should be removed at dusk to minimize impacts to roosting bats. If tree removal cannot be performed outside of the maternity season, a qualified biologist shall conduct a preconstruction survey of suitable roosting habitat within 5 days prior to construction activities. If bats are found, a qualified biologist shall establish a no-disturbance buffer and develop a bat exclusion plan for the passive removal of bats. The plan shall be submitted to CDFW for review prior to implementation. If no roosting bats and no potential for roosting bats are found, tree removal can proceed. If potential for roosting bats has been determined and no bats are discovered, a qualified biologist should monitor tree removal activities to ensure the avoidance and minimization of take of regulated species.</p> | <p>Yolo County Community Services Department or designee</p> | <p>Prior to commencement of and during on-site Project activities</p> | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|---|--|---|---|
| <p>MM BIO-6: Wetlands and Waters (HCP/NCCP AMMs 1, 2, 3, 8, 9, and 10: Establish Buffers around Sensitive Natural Communities; Confine and Delineate Work Area to Avoid and Minimize Effects of Construction Staging Areas and Temporary Work Areas; Avoid and Minimize Effects on Wetlands and Waters. The following measures shall be implemented to avoid or minimize the potential for Project-related impacts on wetlands and waters: The County will comply with the terms of a Clean Water Act Section 404 permit issued by the Corps and Section 401 water quality certification issued by the RWQCB for activities involving the discharge of fill material into jurisdictional drainages. The County will also comply with terms of a Streambed Alteration Agreement with the CDFW (if determined necessary by the CDFW). Prior to any discharge into drainages, the required permits and authorizations will be obtained from the respective agencies. All terms and conditions of the required permits and authorizations will be implemented. Water quality BMPs will be installed around Union School Slough, and Union School Slough Diversion Channel, in a manner that prevents water, sediment, and chemicals from draining into the feature, and all staging, storage, stockpile areas, and off-road travel routes will be located as far as</p> | <p>Yolo County Community Services Department or designee</p> | <p>Prior to commencement of and during on-site Project activities</p> | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|---|--|---|---|
| <p>practicable away from the drainage. Mitigation for 0.17 acres (919.4 linear feet) of permanent impacts to jurisdictional WOTUS will be addressed through the purchase of credits at a Corps-approved mitigation bank or payment to a Corps-approved in-lieu fund. Impacts to Riverine Sensitive Natural Community will be mitigated for through the Yolo HCP/NCCP Natural Community and Land Cover Impacts Mitigation Fees. The specific acreage of compensatory mitigation credits is subject to change depending on consultation with the USFWS and the Conservancy.</p> | | | |
| <p>MM BIO-7: Sensitive Natural Communities (Yolo HCP/NCCP AMM9: Establish Buffers around Sensitive Natural Communities). Environmentally Sensitive Area (ESA) fencing will be established around the following Sensitive Natural Communities where they occur within or adjacent to the Project area, when feasible. These areas will be identified on construction drawings and demarcated in the field with flagging and/or signs identifying the area as off limits to all personnel, equipment, and ground-disturbing activities. Per Yolo HCP/NCCP AMM9, the buffers for each Sensitive Natural Community are as follows: Valley foothill riparian: 100 feet from canopy dripline. If avoidance is infeasible, a lesser buffer than is stipulated in the AMMs may be approved by the</p> | <p>Yolo County Community Services Department or designee</p> | <p>Prior to commencement of and during on-site Project activities</p> | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|---|--|---|---|
| <p>Conservancy, USFWS, and CDFW if they determine that the sensitive natural community or covered species is avoided to an extent that is consistent with the Project purpose (e.g., if the purpose of the Project is to provide a stream crossing or replace a bridge, the Project may encroach into the buffer and the natural community or species habitat to the extent that is necessary to fulfill the Project purpose). Transportation or utility crossings may encroach into this sensitive natural community provided effects are minimized and all other applicable AMMs are followed. Lacustrine and riverine: Outside urban planning units, 100 feet from the top of banks. Within urban planning units, 25 feet from the top of the banks.</p> | | | |
| <p>MM BIO-8: Worker Environmental Training Program (Yolo HCP/NCCP AMM6: Conduct Worker Training). All construction personnel will participate in a worker environmental training program approved/authorized by the Conservancy and administered by a qualified biologist. The training will provide education regarding sensitive natural communities and covered species and their habitats, the need to avoid adverse effects, State and federal protection, and the legal implications of violating the FESA and NCCPA Permits. A pre-recorded video presentation by a qualified biologist shown to construction personnel may fulfill the training requirement.</p> | <p>Yolo County Community Services Department or designee</p> | <p>Prior to construction personnel working on the Project</p> | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|--|--|---|--|
| <p>MM BIO-9 – Tree Removal Documentation and Replacement. The following measures shall be implemented to compensate for the removal of trees and to avoid or minimize the potential for Project-related impacts on tree resources. Final plans will identify the number, size, and species of trees to be removed and include a planting plan, to ensure replacement of trees in a manner consistent with County and Resource Agencies policies. If replanting cannot completely compensate for the number of trees removed within the Project site or on County managed land, purchase of compensatory mitigation credits will be required for the remainder of trees. The replanting plan must be approved by the County and any compensatory mitigation credits for tree resources must be purchased prior to vegetation clearing activities. A plan for avoidance and minimization of trees that are in the area of direct impact, but not removed, shall be developed by an International Society of Arboriculture (ISA) Arborist and implemented by the County prior to vegetation clearing activities and throughout the construction of the Project.</p> | <p>Yolo County Community Services Department or designee</p> | <p>Prior to commencement of and during on-site Project activities</p> | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|---|---|--|---|
| MM BIO-10 – Control Nighttime Lighting (Yolo HCP/NCCP AMM7: Control Nighttime Lighting of Project Construction Sites). Workers will direct all lights for nighttime lighting of project construction sites into the project construction area and minimize the lighting of natural habitat areas adjacent to the project construction area. | Yolo County Community Services Department or designee | Prior to commencement of and during on-site Project activities | |
| 5. Cultural Resources | | | |
| The proposed project would not result in significant adverse impacts related to cultural resources. No mitigation would be required. | | | |
| 6. Energy | | | |
| The proposed project would not result in significant adverse impacts related to energy. No mitigation would be required. | | | |
| 7. Geology and Soils | | | |
| The proposed project would not result in significant adverse impacts related to geology and soils. No mitigation would be required. | | | |
| 8. Greenhouse Gas Emissions | | | |
| The proposed project would not result in significant adverse impacts related to greenhouse gas emissions. No mitigation would be required. | | | |
| 9. Hazards and Hazardous Materials | | | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|--|--|---|---|
| <p>MM HAZ-1 Lead Compliance Plan. A lead compliance plan that protects workers and the environment from lead exposure must be prepared prior to implementation of demolition and construction activities. Painted bridge components will need to be removed, transported, and recycled or disposed of in a manner consistent with the lead compliance plan and applicable state and federal law. The plan must address the Caltrans 2022 Standard Specifications §7-1.02K(6)(j)(ii) Lead Compliance Plan, and §7-1.02K(6)(j)(iii) Unregulated Earth Material Containing Lead, and a Health & Safety Plan for workers in accordance with Cal OSHA Title 8, Section 1532.1. Additional sampling and analysis of the paint may be required to insure proper disposal of the painted components.</p> | <p>Yolo County Community Services Department or designee</p> | <p>Prior to commencement of and during on-site Project activities</p> | |
| <p>MM HAZ-2 Soils Testing. A Limited Soils Assessment (LSA) shall be prepared and conducted at the southwest portion of the Project site and northeast of the bridge for the purpose of assessing on-site shallow soil for potential impacts from the following constituents of concern prior to implementation of demolition and construction activities.</p> <ul style="list-style-type: none"> • organochlorine pesticides (EPA Method 8081) • chlorinated herbicides (EPA Method 8151) • organophosphorus pesticides (EPA Method 8141) | <p>Yolo County Community Services Department or designee</p> | <p>Prior to commencement of and during on-site Project activities</p> | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|---|--|---|---|
| <p>The LSA shall also determine if excavated soils generated during construction activities are likely to be classified as a regulated waste. Should any of the constituents of concern be found in excess concentrations, the applicant shall prepare a Soil Management Plan (SMP) or equivalent report, which shall be distributed to construction personnel. The SMP shall establish protocols for handling, sampling, storage, and disposal of any suspected burn ash-impacted soils generated during construction activities.</p> | | | |
| <p>MM HAZ-3 Asbestos. Prior to demolition, a Certified Asbestos Consultant (CAC) shall assess the presence of asbestos in the existing culvert, located approximately ±750 ft south of the bridge. The culvert is assumed to contain asbestos, and if found contaminated, shall be disposed of according to the CAC’s recommendations. The CAC assessment should be submitted to the YSAQMD and shall be included in the written notification of demolition of structures or renovation operations at least 10 business days prior to commencing work, regardless of the presence or absence of asbestos in building materials.</p> | <p>Yolo County Community Services Department or designee</p> | <p>Prior to commencement of and during on-site Project activities</p> | |
| <p>10. Hydrology and Water Quality</p> | | | |
| <p>The proposed project would not result in significant adverse impacts related to hydrology and water quality. No mitigation would be required.</p> | | | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
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| 11. Land Use and Planning | | | |
| The proposed project would not result in significant adverse impacts related to land use and planning. No mitigation would be required. | | | |
| 12. Mineral Resources | | | |
| The proposed project would not result in significant adverse impacts related to mineral resources. No mitigation would be required. | | | |
| 13. Noise | | | |
| <p>MM NOI-1 – Control of Construction Noise. To avoid substantial construction-period noise impacts to nearby sensitive receptors, the Best Management Practices listed below will be implemented during Project construction. With implementation of these standard construction period specifications, the Project will not result in excessive construction-period noise effects.</p> <ol style="list-style-type: none"> 1. Project-related noise-generating activities at, or adjacent to, the construction site shall comply with the Caltrans Standard Specifications Section 14-8.02. "Control and monitor noise resulting from work activities. Do not exceed 86 dBA at 50 feet from the job site from 9:00 p.m. to 6:00 a.m." 2. All internal combustion engine driven equipment shall be equipped with the appropriate intake and exhaust mufflers, which are in good condition. 3. "Unnecessary" idling of internal combustion engines shall be strictly prohibited. | Yolo County Community Services Department or designee | Prior to commencement of and during on-site Project activities | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
|--|-------------------|---|---|
| <p>4. Avoid staging construction equipment within 200 feet of residences and locate all stationary noise-generating construction equipment as far as practical from existing noise receptors. Construct temporary barriers to screen noise generating equipment when located in areas adjoining noise-sensitive land uses.</p> <p>5. “Quiet” air compressors and other stationary noise sources shall be used when applicable.</p> <p>6. All construction traffic shall be routed to and from the Project site via designated truck routes. Construction-related heavy truck traffic shall be prohibited in residential areas where feasible. Construction truck traffic shall be prohibited in the Project vicinity during non-allowed hours.</p> <p>7. The businesses and residents in the Project area shall be notified in writing by the County of the construction schedule.</p> <p>8. The County shall designate a “noise disturbance coordinator” who will be responsible for responding to any local complaints about construction noise. The disturbance coordinator will determine the cause of the noise complaint and implement reasonable measures to correct the problem. The contractor shall visibly post the telephone number for the disturbance coordinator at the construction site. The County shall include the telephone number in the notice sent to residents regarding the construction schedule.</p> | | | |

| Mitigation Measures | Responsible Party | Timing for Standard Condition or Mitigation Measure | Compliance Verification (Date and Signature Required) |
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| 14. Population and Housing | | | |
| The proposed project would not result in significant adverse impacts related to population and housing. No mitigation would be required. | | | |
| 15. Public Services | | | |
| The proposed project would not result in significant adverse impacts related to public services. No mitigation would be required. | | | |
| 16. Recreation | | | |
| The proposed project would not result in significant adverse impacts related to recreation. No mitigation would be required. | | | |
| 17. Transportation | | | |
| The proposed project would not result in significant adverse impacts related to transportation. No mitigation would be required. | | | |
| 18. Tribal Cultural Resources | | | |
| MM TCR-1: Prior to the start of the Project, Project personnel will attend cultural sensitivity training to be administered by a representative of the Yocha Dehe Wintun Nation. Contact Yocha Dehe Wintun Nation, Site Protection Manager, Erik Hernandez, Office: (530) 215-6180. | Yolo County Community Services Department or designee | Prior to construction personnel working on the Project | |

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|---|--|---|--|
| <p>MM TCR-2: Cultural Monitor: A cultural monitor representing the Yocha Dehe Wintun Nation may be present during Project ground disturbance activities to ensure avoidance and minimization of tribal cultural resources that may potentially be encountered during Project activities. Contact Yocha Dehe Wintun Nation, Site Protection Manager, Erik Hernandez, Office: (530) 215-6180.</p> | <p>Yolo County Community Services Department or designee</p> | <p>Prior to construction personnel working on the Project</p> | |
| <p>19. Utilities/ Service Systems</p> | | | |
| <p>The proposed project would not result in significant adverse impacts related to utilities/ service systems. No mitigation would be required.</p> | | | |
| <p>20. Wildfire</p> | | | |
| <p>The proposed project would not result in significant adverse impacts related to wildfire. No mitigation would be required.</p> | | | |