

Mitigation Monitoring & Reporting Program – Huff’s Corner Levee Raise & Channel Reconfiguration Project

Impact	Mitigation Measure	Enforcement & Monitoring Responsibility	Timing/ Implementation	Verification (Date & Initials)
<i>Aesthetics</i>				
<p><u>3.1.3(c)</u>: In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?</p>	<p><u>AES-1</u>: Yolo County shall commit to provide each directly impacted landowner that will experience tree removal with the options described below with a written agreement during the land acquisition process.</p> <p>(1) Landowner agrees that no “in-kind” visual replacement is required and that the tree removal(s) will result in the final aesthetic view.</p> <p>(2) Landowner agrees that Yolo County will replace each tree in its relative position outside of the new project boundary with an “in-kind” tree of their liking. Every effort will be made to install fairly mature trees in lieu of immature plantings unless the landowner prefers the latter.</p> <p>(3) Landowner agrees that Yolo County will provide another form of aesthetic feature which may include, but not be limited to, shrubs, line of ornamental hedge, and/or fencing. The cost of this Mitigation Measure shall remain relatively consistent with item #2 above, and not require Yolo County to agree to an exorbitant remedy.</p>	<p>Yolo County CAO Office</p>	<p>No later than December 1, 2023</p>	
<i>Biological Resources</i>				
<p><u>3.4.4(a)</u>: Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?</p>	<p><u>BIO-1</u>: Yolo County shall implement the relevant provisions of the Yolo HCP/NCCP and its incorporation of the Cache Creek Resources Management Plan (Section 6.5.8.1.1) to mitigate impacts on Covered Species, including valley elderberry longhorn beetle, Swainson’s hawk, and white-tailed kite. The Project is exempt from HCP/NCCP land cover fees and from the compensatory mitigation described in AMM12 of the HCP/NCCP (Minimize Take and Adverse Effects on Habitat of Valley Elderberry Longhorn Beetle), but will benefit from the ongoing implementation of the Cache Creek Management Plan (CCRMP), which is designed to protect and enhance habitat for these, and other, special-status species. AMMs that address disturbances to covered species, such as AMM 16, will apply to the Project.</p>	<p>Yolo County CAO Office</p>	<p>Before Construction</p>	

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<u>3.4.4(a)</u> : Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<u>BIO-2</u> : Yolo County shall implement Yolo HCP/NCCP AMM16 (Minimize Take and Adverse Effects on Habitat of Swainson’s Hawk and White-Tailed Kite).	Yolo County CAO Office	Before Construction	
<u>3.4.4(a)</u> : Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<u>BIO-3</u> : Concurrent with implementation of AMM16, Yolo County will conduct preconstruction surveys for northern harrier within the Project area and implement similar avoidance protocols or coordination with CDFW in the event active nests are found.	Yolo County CAO Office	Before Construction	
<u>3.4.4(b)</u> : Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	<u>BIO-4</u> : Yolo County shall implement relevant provisions of the Yolo HCP/NCCP to avoid and minimize potential impacts to covered species and other wildlife, including AMMs 3, 4, 5, 6, 7, 8, and 18. To address mitigation for impacts on riparian habitat and other sensitive natural communities that may provide habitat for covered species, the Yolo HCP/NCCP incorporates the Cache Creek Resources Management Plan (Section 6.5.8.1.1). The Project is exempt from HCP/NCCP land cover fees and from the compensatory mitigation described in AMM12 of the HCP/NCCP (Minimize Take and Adverse Effects on Habitat of Valley Elderberry Longhorn Beetle), but will benefit from the ongoing implementation of the CCRMP, which is designed to protect and enhance riparian habitat and other sensitive natural communities, and provide habitat for covered species, including valley elderberry longhorn beetle.	Yolo County CAO Office	Before Construction	
<u>3.4.4(c)</u> : Have a substantial adverse effect on federally protected wetlands	<u>BIO-5</u> : Yolo County shall implement Yolo HCP/NCCP AMM10 (Avoid and Minimize Effects on Wetlands and Waters).	Yolo County CAO Office	Before Construction	

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(including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				
<u>3.4.4(d)</u> : Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<u>BIO-6</u> : Yolo County shall implement Yolo HCP/NCCP AMM3 (Confine and Delineate Work Area).	Yolo County CAO Office	Before Construction, During Construction	
<u>3.4.4(d)</u> : Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<u>BIO-7</u> : Yolo County shall implement Yolo HCP/NCP AMM4 (Cover Trenches and Holes during Construction and Maintenance).	Yolo County CAO Office	During Construction	
<u>3.4.4(d)</u> : Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<u>BIO-8</u> : Yolo County shall implement Yolo HCP/NCCP AMM5 (Control Fugitive Dust).	Yolo County CAO Office	During Construction	
<u>3.4.4(d)</u> : Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<u>BIO-9</u> : Yolo County shall implement Yolo HCP/NCCP AMM6 (Conduct Worker Training).	Yolo County CAO Office	Before Construction	
<u>3.4.4(d)</u> : Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<u>BIO-10</u> : Yolo County shall implement Yolo HCP/NCCP AMM7 (Control Nighttime Lighting of Project Construction Sites).	Yolo County CAO Office	During Construction	

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wildlife corridors, or impede the use of native wildlife nursery sites?				
<u>3.4.4(d)</u> : Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<u>BIO-11</u> : Yolo County shall implement Yolo HCP/NCCP AMM8 (Avoid and Minimize Effects of Construction Staging Areas and Temporary Work Area).	Yolo County CAO Office	Before Construction, During Construction, After Construction	
Cultural Resources				
<u>3.5.4(b)</u> : Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	<u>CUL-1: Contractor Awareness Training</u> . The County shall retain a qualified professional archaeologist to disseminate a contractor awareness training program to all construction supervisors prior to the start of construction. The program will provide information about requirements for tribal monitoring (see TCR-1) and archaeological monitoring (see CUL-2), notification procedures when potential archaeological or tribal material is discovered (as specified in CUL-3), procedures for communication between construction personnel and monitoring personnel, and information about other treatment or issues that may arise if cultural resources (including human remains) are discovered during Project construction. Subsequent training of construction personnel will be provided as needed by the tribal monitor.	Yolo County CAO Office	During Construction	
<u>3.5.4(b)</u> : Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	<u>CUL-2: Archaeological Monitoring</u> . All vegetation removal, soil excavation, and activity that has the potential to disturb more than six inches of original ground should be monitored by a qualified professional archaeologist working under the direction of a professional archaeologist that meets the Secretary of the Interior’s Professional Qualifications Standards for archaeology. The monitor must be given a minimum of 48 hours’ notice of the opportunity to be present during these activities, to observe work activities, and to assist in ensuring that any archaeological resources, if present, are addressed in accordance with applicable law upon discovery. The monitor must be given a	Yolo County CAO Office	During Construction	

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3.5.4(c): Disturb any human remains, including those interred outside of dedicated cemeteries?	<p>reasonable opportunity to inspect soil and other material as work proceeds to assist in determining if resources are present. If potential resources are discovered, a reasonable work pause or redirection of work by the contractor may be requested until the procedures in CUL-3 are implemented. Monitoring will not occur for equipment set-up or tear-down that does not disturb the ground surface more than six inches in depth; hydroseeding; paving; placement of imported fill/gravel/rock; restoration; or backfilling of previously excavated areas that were already monitored.</p> <p>CUL-3: Post-Review Discoveries. If subsurface deposits believed to be cultural or human in origin are discovered during construction, all work must halt within a 100-foot radius of the discovery. A qualified professional archaeologist, meeting the Secretary of the Interior’s Professional Qualification Standards for pre-contact and historic archaeologist, shall be retained to evaluate the significance of the find, and shall have the authority to modify the no-work radius as appropriate, using professional judgment. The following notifications shall apply, depending on the nature of the find:</p> <ul style="list-style-type: none"> • If the professional archaeologist determines that the find does not represent a cultural resource, work may resume immediately, and no agency notifications are required. • If the professional archaeologist determines that the find does represent a cultural resource from any time period or cultural affiliation, he or she shall immediately notify the USACE and County. The agencies shall consult on a finding of eligibility, and implement appropriate treatment measures, if the find is determined to be an Historical Resource under CEQA or a historic property under Section 106 NHPA. Work may not resume within the no-work radius until the lead 	Yolo County CAO Office	During Construction	

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	<p>agencies, through consultation as appropriate, determine that the site either: 1) is not an Historical Resource under CEQA or a Historic Property under Section 106; or 2) that the treatment measures have been completed to their satisfaction.</p> <ul style="list-style-type: none"> If the find includes human remains, or remains that are potentially human, the Contractor shall ensure reasonable protection measures are taken to protect the discovery from disturbance (AB 2641). The archaeologist shall notify the Yolo County Coroner (as per § 7050.5 of the Health and Safety Code). The provisions of § 7050.5 of the California Health and Safety Code, § 5097.98 of the California PRC, and AB 2641 will be implemented. If the Coroner determines the remains are Native American and not the result of a crime scene, the Coroner will notify the NAHC, which then will designate a Native American Most Likely Descendant (MLD) for the project (§ 5097.98 of the PRC). The designated MLD will have 48 hours from the time access to the property is granted to make recommendations concerning treatment of the remains. If the landowner does not agree with the recommendations of the MLD, the NAHC can mediate (§ 5097.94 of the PRC). If no agreement is reached, the landowner must rebury the remains where they will not be further disturbed (§ 5097.98 of the PRC). This will also include either recording the site with the NAHC or the appropriate Information Center; using an open space or conservation zoning designation or easement; or recording a reinternment document with the county in which the property is located (AB 2641). Work may not resume within the no- 			

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	work radius until the lead agencies, through consultation as appropriate, determine that the treatment measures have been completed to their satisfaction.			

Tribal Cultural Resources

<p><u>3.18.4(a,b)</u>: Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074, either because it is listed or eligible for listing on the California Register of Historical Resources, or a local register, or because it is determined by the County to be so, based on agency discretion and substantial evidence?</p>	<p><u>TCR-1: Tribal Monitoring.</u> All vegetation removal, soil excavation, and any activity that has the potential to disturb more than six inches of original ground should be monitored by a qualified tribal monitor representing a consulting tribe. The monitor must be given a minimum of 48 hours’ notice of the opportunity to be present during these activities and to coordinate closely with the archaeological monitor, to observe work activities, and assist in ensuring that sensitive tribal resources are not impacted. The monitor must be given a reasonable opportunity to inspect soil and other material as work proceeds to assist in determining if resources significant to the tribes are present. If potential tribal resources are discovered, a reasonable work pause or redirection of work by the contractor may be requested. If the tribe cannot recommend a monitor or if the tribal monitor does not report at the scheduled time, then all work will continue as long as the specified notice was provided. Tribal monitoring will not occur for equipment set-up or tear-down that does not disturb the ground surface more than six inches in depth; hydroseeding; paving; placement of imported fill/gravel/rock; restoration; or backfilling of previously excavated areas that were already monitored. Excavated sediment from the river channel will not be subjected to screening; however, any observed cultural materials will be collected and treated in accordance with the unanticipated discovery measures in CUL-3.</p>	<p>Yolo County CAO Office</p>	<p>During Construction</p>	
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