MITIGATION MONITORING AND REPORTING PROGRAM

CA FLAP PLU 406(1) QUINCY JUNCTION ROAD PROJECT
State Clearinghouse No. 2025XXXXXX

MITIGATION MONITORING AND REPORTING PROGRAM CONTENTS

This document is the Mitigation Monitoring and Reporting Program (MMRP) for the CA FLAP PLU 406(1) Quincy Junction Road Project (project). The MMRP includes a brief discussion of the legal basis for, and the purpose of, the program, discussion, and direction regarding complaints about noncompliance; a key to understanding the monitoring matrix; and the monitoring matrix.

LEGAL BASIS AND PURPOSE OF THE MITIGATION MONITORING AND REPORTING PROGRAM

California Public Resources Code Section 21081.6 requires public agencies to adopt mitigation monitoring and reporting programs whenever certifying an environmental impact report (EIR) or adopting a mitigated negative declaration (MND). This requirement facilitates implementation of all mitigation measures adopted through the California Environmental Quality Act (CEQA) process.

The MMRP contained herein is intended to satisfy the requirements of CEQA as they relate to the Initial Study/Mitigated Negative Declaration prepared for the project. It is intended to be used by Plumas County Department of Public Works (County) staff, the Federal Highway Administration, Central Federal Lands Highway Division (FHWA-CFLHD) staff, participating agencies, project contractors, and mitigation monitoring personnel during implementation of the project.

Mitigation is defined by CEQA Guidelines Section 15370 as a measure that does any of the following:

- Avoids impacts altogether by not taking a certain action or parts of an action.
- Minimizes impacts by limiting the degree or magnitude of the action and its implementation.
- Rectifies impacts by repairing, rehabilitating, or restoring the impacted environment.
- Reduces or eliminates impacts over time by preservation and maintenance operations during the life of the project.
- Compensates for impacts by replacing or providing substitute resources or environments.

The intent of the MMRP is to provide for the effective implementation and enforcement of adopted mitigation measures and permit conditions. The MMRP will provide for monitoring of construction activities as necessary, onsite identification and resolution of environmental problems, and proper reporting to County and FWHA-CFLHD staff.

In addition to meeting the CEQA mitigation monitoring and reporting requirements, this MMRP also identifies the FHWA-CFLHD Standard Environmental Commitments that have been incorporated into the project. These Standard Environmental Commitments are a part of the project design and FHWA-CFLHD requirements, but they do not constitute mitigation under CEQA as they have not been incorporated to reduce a potentially significant impact.

FHWA-CFLHD STANDARD ENVIRONMENTAL COMMITMENTS AND PROJECT-SPECIFIC ENVIRONMENTAL COMMITMENTS (MITIGATION MEASURES)

The tables on the following pages identify the FHWA-CFLHD Standard Environmental Commitments and Project-Specific Environmental Commitments that will be implemented as part of the project.

The Standard Environmental Commitments are standard measures that are implemented for all projects in accordance with FHWA-CFLHD requirements; and are not identified as mitigation measures in the Initial Study. The Standard Environmental Commitments are included in this MMRP for informational purposes.

The Project-Specific Environmental Commitments have been developed to reduce potentially significant impacts associated with the project to less-than-significant levels. The measures are identified as CEQA mitigation measures in the Initial Study.

Each table has the following columns:

- **Number (No.):** Lists the specific number associated with the Standard Environmental Commitment or Project-Specific Environmental Commitment (Mitigation Measures) as identified in the Initial Study.
- **Standard Environmental Commitment / Mitigation Measure:** Provides the text of the Standard Environmental Commitment or Project-Specific Environmental Commitment (Mitigation Measure) as identified in the Initial Study.
- **Timing / Implementation:** Identifies at what phase of the project the measures will be implemented (e.g., preconstruction, construction, postconstruction).
- **Enforcement/ Monitoring:** Identifies the party or parties responsible for implementing and verifying the implementation of the measure.
- **Verification:** Spaces to be initialed and dated by the individual designated to verify implementation/completion of the measure.

NONCOMPLIANCE COMPLAINTS

Any person or agency may file a complaint asserting noncompliance with the mitigation measures and commitments associated with the project. The complaint shall be directed to the County in written form, providing specific information on the asserted violation. The County shall investigate and determine the validity of the complaint. If noncompliance with a mitigation measure has occurred, the County shall take appropriate action to remedy any violation. The compliant shall receive written confirmation indicating the results of the investigation or the final action corresponding to the particular noncompliance issue.

FHWA-CFLHD STANDARD ENVIRONMENTAL COMMITMENTS AND PROJECT-SPECIFIC ENVIRONMENTAL COMMITMENTS (MITIGATION MEASURES) FOR THE CA FLAP PLU 406(1) QUINCY JUNCTION ROAD PROJECT MITIGATION MONITORING AND REPORTING PROGRAM

State Clearinghouse No. 2025XXXXXX

FHWA-CFLHD STANDARD ENVIRONMENTAL COMMITMENTS

In accordance with FHWA-CFLHD requirements, the following Standard Environmental Commitments have been incorporated into the project to protect environmental resources. These Standard Environmental Commitments are a part of the project design and FHWA-CFLHD requirements, but they do not constitute mitigation under CEQA as they have not been incorporated to reduce a potentially significant impact.

No.	Standard Environmental Commitment	Timing/ Implementation	Enforcement/ Monitoring	Verification (Date and Initials)
SC-1	Before developing a material source, measure the sediment content of bodies of water adjacent to the work area that will receive drainage from the work area. Perform erosion and sediment control according to the source development plan and the Storm Water Pollution Prevention Plan (SWPPP) or Erosion Control Plan.	Preconstruction/ Construction	FWHA/ Construction Management	
SC-2	Use only approved portions of the right-of-way for storing material or equipment. Provide additional space as needed. Do not use private property for storage without written permission of the owner or lessee. Submit copies of agreements and documents. Provide security for stored material. Restore Government-provided storage sites to their original condition.	Construction/ Postconstruction	FWHA/ Construction Management	
SC-3	Comply with applicable laws, ordinances, safety codes, regulations, orders, and decrees and with permits and agreements obtained by the Government for performing the work that is included in the contract. Obtain additional permits or agreements and modifications to Government-obtained permits or agreements that are required by the Contractor's methods of operation.	Preconstruction/ Construction	FWHA/ Construction Management	
SC-4	Do not disturb the area beyond the construction limits. Replace trees, shrubs, or vegetated areas damaged by construction operations as directed.	Construction/ Postconstruction	FWHA/ Construction Management	
SC-5	Do not excavate, remove, damage, alter, or deface any archeological or paleontological remains or specimens. Control the actions of employees and subcontractors on the project to ensure that protected sites are not disturbed or damaged. Should these items be encountered, suspend operations at the discovery site, notify the CO and continue operations in other areas. The CO will inform the Contractor when operations may resume at the discovery site.	Construction	FWHA/ Construction Management	

No.	Standard Environmental Commitment	Timing/ Implementation	Enforcement/ Monitoring	Verification (Date and Initials)
SC-6	Before beginning work in an area, contact the local utility locating service to mark the utilities. Protect utilities from construction operations. Cooperate with utility owners to expedite the relocation or adjustment of their utilities to minimize interruption of service and duplication of work.	Preconstruction/ Construction	FWHA/ Construction Management	
SC-7	Do not operate equipment or discharge material within the boundaries of wetlands and the waters of the United States as defined by the federal and state regulatory agencies. Permits are issued by the U.S. Army Corps of Engineers according to 33 USC § 1344 and delegated by the agency having jurisdiction. If an unauthorized discharge occurs: (a) Prevent further contamination; (b) Notify appropriate authorities and the CO; and (c) Mitigate damages. Construct and maintain barriers in work areas and in material sources to prevent sediment, petroleum products, chemicals, and other liquids and solids from entering wetlands or waters of the United States. Remove and properly dispose of barrier collected material. Do not revise terms or conditions of permits without the approval of the issuing agency.	Construction/ Postconstruction	FWHA/ Construction Management	
SC-8	Do not ford running streams with construction equipment. Obtain approval from the CO to use temporary bridges or other structures whenever crossings are necessary. Immediately clear ephemeral drainages, intermittent and perennial streams, lakes and reservoirs of all work items, debris or other obstructions placed by or resulting from construction operations. Locate machinery servicing and refueling areas away from streambeds and washes to reduce the possibility and minimize the impacts of accidental spills or discharges.	Construction	FWHA/ Construction Management	
SC-9	Submit a Spill Prevention, Control, and Countermeasure (SPCC) Plan if required at least 2 days before beginning work. If a SPCC plan is not required, submit a hazardous spill plan at least 2 days before beginning work. Describe preventative measures including the location of refueling and storage facilities and the handling of hazardous material. Describe actions to be taken in case of a spill. Do not use equipment with leaking fluids. Repair equipment fluid leaks immediately. Keep absorbent material manufactured for containment and cleanup of hazardous material on the job site. Notify the CO of hazardous spills.	Preconstruction/ Construction	FWHA/ Construction Management	
SC-10	Sand or soils are not approved absorbent materials. Report the spill to the appropriate federal, state, and local authorities as required by the SPCC plan or hazardous spill plan.	Construction	FWHA/ Construction Management	

No.	Standard Environmental Commitment	Timing/ Implementation	Enforcement/ Monitoring	Verification (Date and Initials)
SC-11	Remove dirt, plant, and foreign material from vehicles and equipment before mobilizing to work site. Prevent introduction of noxious weeds and non-native plant species into the work site. Follow applicable Federal land management agency requirements and state requirements. Maintain cleaning and inspection records.	Construction	FWHA/ Construction Management	
SC-12	Do not import into the project limits rock, sand, gravel, earth, subsoil, or other natural materials from a Contractor-selected non-commercial materials source that have not been certified free of noxious weeds. Materials imported into the project limits which do not include a noxious weed free certification may be rejected and ordered by the CO to be removed from the project limits. The CO has the discretion of requesting inspection of certified materials by a third party and rejecting the use of the source if noxious weeds or seeds thereof are found to be present.	Construction	FWHA/ Construction Management	
SC-13	Maintain roadways as follows: • Construct and remove diversion roads and bridges as required by the traffic control plan. • Maintain intersections with trails, roads, streets, businesses, parking lots, residences, garages, farms, and other features. • Snow removal to facilitate the work is the Contractor's responsibility; snow removal to provide public access is the responsibility of the maintaining agency and will be performed at the maintaining agency's discretion; allow the maintaining agency access to perform snow removal. • Maintain a dust-free traveled way such that visibility and air quality are not affected, and a hazardous condition is not created. • Remove accumulations of soil and other material from traveled way. • Do not allow water to pond on the traveled way. Maintain the roadway, detours, and diversions in a safe and acceptable condition.	Construction	FWHA/ Construction Management	
SC-14	Perform construction operations during the hours of daylight (one-half hour after sunrise to one-half hour before sunset). Where night operations are permitted, submit a night lighting system for approval.	Construction	FWHA/ Construction Management	

No.	Standard Environmental Commitment	Timing/ Implementation	Enforcement/ Monitoring	Verification (Date and Initials)
SC-15	Provide soil erosion and sediment control measures according to the contract erosion and sediment control plan, contract permits, Section 107, and this Section. Contract permits amend the requirements of this Section. Do not modify the type, size, or location of controls or practices without approval. The erosion and sediment control plan reflects special concerns and measures to protect resources. An alternate erosion and sediment control or stormwater pollution prevention plan, with necessary permits, may be submitted for approval according to Subsection 104.03. Submit alternate erosion and sediment control proposals at least 30 days before their intended use. When soil erosion and sediment control measures are not functioning as intended, take corrective action to eliminate or minimize pollutants in stormwater discharges from the project. If wood chips are used, do not import without approval from the CO.	Preconstruction/ Construction	FWHA/ Construction Management	
SC-16	Before grubbing or grading construct sediment controls around the perimeter of the project including filter barriers, diversion, and settling structures. Limit the combined grubbing and grading operations areas to 8 acres (3.2 hectares) of exposed soil at one time. Construct and implement soil erosion and sediment control measures as follows: (a) Construct temporary controls in incremental stages as construction proceeds; (b) Construct temporary slope drains, diversion channels, and earth berms to protect disturbed areas and slopes; (c) When a soil disturbing activity within a portion of the project is complete, apply permanent measures to the finished slopes and ditches within 14 days; (d) When a soil disturbing activity within a portion of the project has temporarily ceased, apply temporary measures within 14 days; (e) Construct outlet protection as soon as culverts or other structures are complete; (f) Construct and maintain soil erosion and sediment controls on and around soil stockpiles; (g) Following each day's grading operations, shape earthwork to minimize and control erosion from stormwater runoff; and (h) Maintain stabilized construction exits to minimize tracking of soil onto existing roads.	Construction	FWHA/ Construction Management	
SC-17	Construct silt fence, berms, and fiber rolls and socks to reduce the velocity of runoff to allow sediment to settle.	Construction	FWHA/ Construction Management	

No.	Standard Environmental Commitment	Timing/ Implementation	Enforcement/ Monitoring	Verification (Date and Initials)
SC-18	Construct sediment retention structures of the following types: (a) Temporary sediment traps. Construct temporary sediment traps to detain runoff from disturbed areas and settle out sediment. Provide outlet protection. (b) Sediment basins. Construct sediment basins to store runoff and settle out sediment for large drainage areas. Excavate and construct sediment basins according to Section 204. Construct riser pipes according to Section 602. Provide outlet protection.	Construction	FWHA/ Construction Management	
SC-19	Provide an adequate water supply and apply water uniformly across the traveled way as necessary to control dust. Uniformly apply water using pressure-type distributors, pipelines equipped with spray systems, or hoses with nozzles. Control dust within the construction limits as necessary including nights, weekends, and periods of non-work when the project is open to public traffic. When the project is not open to public traffic, control dust in areas of the project that have adjacent residences or businesses. Control dust on approved, active detours established for the project. Apply water at the locations, rates, and frequencies as ordered. Control dust on active haul roads, in pits and staging areas, and on the project during periods not covered above.	Construction	FWHA/ Construction Management	
SC-20	Provide an adequate water supply and apply water uniformly across the traveled way as necessary to control dust. Uniformly apply water using pressure-type distributors, pipelines equipped with spray systems, or hoses with nozzles.	Construction	FWHA/ Construction Management	
SC-21	Control dust within the construction limits as necessary including nights, weekends, and periods of non-work when the project is open to public traffic. When the project is not open to public traffic, control dust in areas of the project that have adjacent residences or businesses. Control dust on approved, active detours established for the project. Apply water at the locations, rates, and frequencies as ordered.	Construction	FWHA/ Construction Management	
SC-22	Control dust on active haul roads, in pits and staging areas, and on the project during periods not covered above.	Construction	FWHA/ Construction Management	
SC-23	Provide an adequate water supply and apply water uniformly across the traveled way as necessary to control dust. Uniformly apply water using pressure-type distributors, pipelines equipped with spray systems, or hoses with nozzles.	Construction	FWHA/ Construction Management	

No.	Standard Environmental Commitment	Timing/ Implementation	Enforcement/ Monitoring	Verification (Date and Initials)
SC-24	Control dust within the construction limits as necessary including nights, weekends, and periods of non-work when the project is open to public traffic. When the project is not open to public traffic, control dust in areas of the project that have adjacent residences or businesses. Control dust on approved, active detours established for the project. Apply water at the locations, rates, and frequencies as ordered.	Construction	FWHA/ Construction Management	

CALIFORNIA ENVIRONMENTAL QUALITY ACT MITIGATION MEASURES

The following Project-Specific Environmental Commitments will be implemented during project construction. These measures have been identified in the Initial Study to reduce potentially significant impacts to less-than-significant levels and are mitigation measures under CEQA.

No.	Mitigation Measure	Timing/ Implementation	Enforcement/ Monitoring	Verification (Date and Initials)
EC-1	**Environmentally sensitive area fencing**. All environmentally sensitive areas to be avoided during project activities will be temporarily fenced off, as close to construction limits as possible. Fencing or flagging shall be high-visibility and left in place for the duration of the project. Environmentally sensitive areas include aquatic resources, riparian areas, or special-status species habitat. Exclusion fencing may serve two functions, exclusion of special-status species, and visual marker of the construction limits if it is high-visibility.	Construction	FHWA and Contractor, and Plumas County	
EC-2	**Worker environmental awareness training.** Prior to the start of any ground disturbance, a qualified biologist will conduct mandatory worker environmental awareness training for construction personnel to inform them of sensitive biological resources and site-specific protective measures required during construction activities. The training will be provided to all new construction personnel added to the project prior to starting work. The training will include information on the special-status species with potential to occur in the project area, including species identification, life history and habitat requirements, regulatory status, and clear instructions on proper implementation of protection measures and the protocol to follow if a special-status species is found within the work area.	Preconstruction	FHWA and Contractor, and Plumas County	
EC-3	**Construction timing.** The following operational limitations will apply to the project: • Night lighting will not be used in the project area. All project activity will terminate 30 minutes before sunset and will not resume until 30 minutes after sunrise. • Work in aquatic habitats will occur in the low flow season between July 15 and October 31.	Construction	FHWA and Contractor, and Plumas County	

No.	Mitigation Measure	Timing/ Implementation	Enforcement/ Monitoring	Verification (Date and Initials)
EC-4	**Aquatic species surveys and monitoring.** A qualified biologist will conduct preconstruction surveys for NWPT and FYLF no more than two days prior to the start of ground-disturbing activities where suitable habitat exists. The biologist will survey the aquatic and riparian habitat within the project area, extending 500 feet upstream and downstream of the construction area as well as within an 80-foot buffer of each aquatic feature. • If FYLF or NWPT (or their nests) are observed during preconstruction surveys or dewatering, a qualified biologist will be on-site to monitor construction in suitable habitat. • If a NWPT or FYLF is observed within the designated work area, construction activities will cease until the animal leaves of its own volition. Under no circumstance will a NWPT or FYLF be harassed, captured, or relocated. • If NWPT nests are identified in the work area during preconstruction surveys, a no-disturbance buffer will be established between the nest and any areas of potential disturbance. Buffers will be clearly marked with temporary fencing. Buffer size will be determined at the biologist's discretion. Construction will not be allowed to commence in the exclusion area until hatchlings have emerged from the nest, or the nest is deemed inactive by a qualified biologist.	Preconstruction / Construction	FHWA and Contractor, and Plumas County	
EC-5	**Exclusion fencing.** Prior to commencement of project activities, exclusion fencing will be installed between the disturbance footprint and FYLF and NWPT suitable habitats. The exclusion fencing will be visibly different from construction fencing to denote the presence of sensitive habitats. In areas where appropriate, the environmentally sensitive area fencing may serve as wildlife exclusion fencing. When this is done, the fencing will be marked to show a difference in function. The exclusion fencing will be inspected daily during active work and after storm events to ensure that it is functional and without defects. The exclusion fencing will have the following properties: • Opaque, non-climbable, and buried at least 6 inches deep. • Properly installed, both trenched in and vertically stout, and regularly maintained to be effective. • At least 3 feet in height. • The top few inches of the exclusion fencing must be folded over and away from the construction area. • Refuge opportunities in the form of fallen logs, leaf litter, or artificial cover boards should be placed along or near the outside of the exclusion fence.	Preconstruction	FHWA and Contractor, and Plumas County	

No.	Mitigation Measure	Timing/ Implementation	Enforcement/ Monitoring	Verification (Date and Initials)
EC-6	**Entanglement/entrapment prevention.** • Plastic mono-filament netting or similar material will not be used. • At the end of each working day, all excavated, steep-walled holes or trenches more than 1-foot-deep will be covered with plywood or similar material, or escape ramps (made from earthen fill or wood planks) will be installed.	Construction	FHWA and Contractor, and Plumas County	
EC-7	**Dewatering.** Culverts will be replaced in dry conditions. A qualified biologist will be onsite during active dewatering to ensure no FYLF or NWPT become stranded within the work area. If either species is encountered within the work area, it will be allowed to leave under its own power. If the individual does not leave the active work zone, USFWS will be contacted for guidance. Dewatering will proceed in the following manner: • If the water depth in the channel is to the point where the bottom cannot be observed to visually exclude NWPT and FYLF confidently, the biologist will place a block net at the proposed location of one cofferdam and observe the area for 30 minutes. The block net will have a lead line that sinks completely to the bottom of the channel and will float to the top of the water column. After 30 minutes of allowing animals to disperse out of the area, placement of the cofferdams may continue. The block net will not be removed until both cofferdams are placed. • Cofferdams will be constructed of a non-erodible material that does not contain soil or fine sediment. If imported fill must be used, only clean gravel is acceptable. The contractor will determine the final design of the cofferdams in accordance with the contract requirements. • Cofferdams and stream diversions will remain in place and fully functional throughout the construction period. If the cofferdams are not functioning properly, they will be repaired immediately. • Pumps used for dewatering will have appropriately sized screens to prevent the intake of aquatic species. Round openings in the screen will not exceed 3/32-inch diameter, square openings will not exceed 3/32-inch measured diagonally, and slotted openings will not exceed 0.069 inches in width. Approach velocity will not exceed 0.33 feet per second.	Construction	FHWA and Contractor, and Plumas County	

No.	Mitigation Measure	Timing/ Implementation	Enforcement/ Monitoring	Verification (Date and Initials)
EC-8	**Nesting bird and raptor surveys.** If clearing and/or construction activities occur during the nesting season (February 1 to September 30), then preconstruction surveys to identify active bird nests shall be conducted by a qualified biologist no more than 7 days prior to construction initiation, and for any lapse in project activities of 7 days or more in the nesting season. Surveys will determine the presence or absence of active nest sites within the following distances from the disturbance footprint: • Passerines: Disturbance footprint only, or at the biologist's discretion • Raptors: 500 feet, or within sight of the disturbance footprint, whichever is smaller • Special-status Raptors: ½ mile, or within sight of the disturbance footprint, whichever is smaller. If a lapse in project activities of 7 days or greater occurs for any reason during the bird nesting season, a qualified biologist will perform another survey for nesting birds prior to resuming project activities. If feasible, tree and vegetation clearing will be conducted outside the bird nesting season.	Preconstruction	FHWA and Contractor, and Plumas County	
EC-9	**Nest avoidance.** If active nest sites are identified within the survey distances defined in the Nesting Bird and Raptor Surveys measure, a no-disturbance buffer shall be established for all active nest sites prior to commencement of any project-related activities to avoid disturbances to nesting activities. A no-disturbance buffer constitutes a zone in which project-related activities such as vegetation removal, earth moving, and construction cannot occur. The size of no-disturbance buffers would be determined by a qualified biologist based on the species, activities in the vicinity of the nest, and topographic and other visual barriers.	Construction	FHWA and Contractor, and Plumas County	
EC-10	**Bat clearance and avoidance.** Prior to the start of construction activities, a qualified biologist will conduct a preconstruction survey for roosting bats at the existing culverts and around the Greenhorn Creek bridge, as well as a survey of large trees in the disturbance footprint that could provide suitable habitat for bats. The biologist will look for special-status bats and bat sign, including existing roost sites and bat guano deposits, and listen for roosting bats. If potential roosts are found, they will be fenced or flagged for avoidance. If roosts are found in areas that cannot be avoided, then these areas would be left unaffected until the individual(s) have left the area or until they can be relocated or excluded from the area by a qualified biologist in consultation with CDFW.	Preconstruction/ Construction	FHWA and Contractor, and Plumas County	

No.	Mitigation Measure	Timing/ Implementation	Enforcement/ Monitoring	Verification (Date and Initials)
EC-11	**Litter Prevention**. All food-related trash items such as wrappers, cans, bottles, and food scraps will be disposed of in securely closed containers and removed at least once a week from the project area. On completion of construction activities, all temporary fill and construction refuse, including, but not limited to, broken equipment parts, wrapping material, cords, cables, wire, rope, strapping, twine, buckets, metal or plastic containers, and boxes, will be removed and appropriately disposed.	Construction/ Postconstruction	FHWA and Contractor, and Plumas County	
EC-12	**Road closures**. Coordinate with Plumas County on roadway closure and detour timing and provide notification to the public of expected roadway closures, delays, and detours.	Preconstruction	FHWA and Plumas County	
EC-13	**Northwestern pond turtle.** Coordinate with the USFWS to monitor listing and conferencing status for the NWPT to ensure compliance coverage throughout project implementation.	Preconstruction	FHWA and Plumas County	