

APPENDIX A

MITIGATION MONITORING
PROGRAM

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.5 AIR QUALITY

AIR QUALITY IMPACT-2: Project construction activities associated with the proposed project would generate short-term emissions.

AIR QUALITY MITIGATION-1: At any time when visible dust is emitted by project operations, all excavated areas, access roads, stockpiles and other areas that are not paved, rocked or covered shall be watered by the construction contractor at least daily. Water shall be applied in a fine spray that does not result in runoff from the watered surfaces.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, Environmental Compliance Specialist, and Project Engineer, and Planning Dept.

COMPLIANCE VERIFICATION: Moistened excavated areas, access roads and stock piles. No visible plumes of airborne dust.

FUNDED BY: STIP Construction Funds.

IMPLEMENTATION PHASE: During construction phase.

MONITORING FREQUENCY: Monitoring will be done continually during construction phase upon a daily basis. Trinity County Planning Department will notify the Environmental Compliance Specialist of any complaints regarding dust.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No complaints from public or USFS, no visible plumes of airborne sediment leaving the project site.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.5 AIR QUALITY

AIR QUALITY IMPACT-2: Project construction activities associated with the proposed project would generate short-term emissions.

AIR QUALITY MITIGATION-2: The construction contractor shall be required to maintain construction vehicles in good running condition.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor.

COMPLIANCE VERIFICATION: Equipment exhaust systems in good working order.

FUNDED BY: Contractor.

IMPLEMENTATION PHASE: During construction phase.

MONITORING FREQUENCY: Monitoring will be done continually during construction phase upon a daily basis. Trinity County Planning Department will notify the Environmental Compliance Specialist of any complaints regarding dust.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No complaints from public or USFS, no excessive exhaust emitted from construction vehicles.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.7 BIOLOGICAL RESOURCES

BIOLOGY IMPACT-1. The proposed project would result in permanent impacts to various vegetative communities, including the loss of several hundred trees.

BIOLOGY MITIGATION-1. To minimize removal and disturbance of Douglas fir forest, Oregon oak woodland, and riparian habitats, the following avoidance and minimization measures will be implemented:

- Prior to the initiation of construction activities TCDOT shall clearly demarcate (with uniquely colored construction stakes or high visibility orange mesh fencing) the limits of construction within natural habitat areas.
- Prior to the onset of site grading, construction personnel shall be informed about the importance of avoiding ground-disturbing activities outside the designated construction work area. The TCDOT Resident Engineer and Environmental Compliance Specialist, with support from qualified biologists, will ensure that construction equipment and associated activities avoid any disturbance of sensitive resources outside the project areas.
- All material stockpiling and staging areas will be located within project right-of-ways in non-sensitive areas, or at designated disturbed/developed areas outside of design construction zones;
- Vehicle and equipment refueling and lubrication will only be permitted in designated disturbed/developed areas where accidental spills can be immediately contained;
- Project plans shall clearly indicate the locations of environmentally sensitive areas such as the Hayfork Creek riparian corridor, boundaries of waters of the United States, limited operation buffers (if present), and other areas where access or disturbance is prohibited on a temporary or permanent basis; and
- Minimize tree and shrub removal to the extent necessary for construction and to provide adequate line-of-sight and hazard reduction. When feasible, trees or shrubs that interfere with construction or project operation will be pruned or topped, but not removed.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, and Environmental Compliance Specialist.

EVIDENCE OF COMPLIANCE: Plans and specs include stated language and proper provisions and staging areas and sensitive areas are shown on plans. Demarcation of construction limits within natural habitats.

FUNDED BY: STIP Construction Funds.

IMPLEMENTATION PHASE: Before and during construction phase.

MONITORING FREQUENCY: Monitoring will be done on a continual basis during construction phase.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No impacts to vegetative communities outside construction limits. Trees and shrubs trimmed or topped where possible rather than completely removed.

MONITORING RECORD

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PROJECT NAME: Hyampom Road Improvements Project
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ISSUE: 4.5 AIR QUALITY

AIR QUALITY IMPACT-2: Project construction activities associated with the proposed project would generate short-term emissions.

AIR QUALITY MITIGATION-2: The construction contractor shall be required to maintain construction vehicles in good running condition.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor.

COMPLIANCE VERIFICATION: Equipment exhaust systems in good working order.

FUNDED BY: Contractor.

IMPLEMENTATION PHASE: During construction phase.

MONITORING FREQUENCY: Monitoring will be done continually during construction phase upon a daily basis. Trinity County Planning Department will notify the Environmental Compliance Specialist of any complaints regarding dust.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No complaints from public or USFS, no excessive exhaust emitted from construction vehicles.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.7 BIOLOGICAL RESOURCES

BIOLOGY IMPACT-2. The project could result in the introduction or spread of noxious weed species, which could displace native species, changing the diversity of species or number of species of plants.

BIOLOGY MITIGATION-3. To avoid the introduction or spread of noxious weeds into previously uninfested areas or the spread of existing noxious weeds, the County will implement the following measures:

- The Construction Supervisor and/or the Resident Engineer will be educated on weed identification and the importance of controlling and preventing the spread of noxious weeds;
- Construction equipment will be washed prior to entering and exiting the project area in order to remove seed materials and lessen the potential for the spread of invasive weeds;
- Only native, noninvasive species or nonpersistent hybrids and certified weed-free materials will be used for revegetation and erosion control;
- Disposal of soil or plant materials from areas containing invasive species will not be allowed in uninfested native vegetation areas.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, Environmental Compliance Specialist.

EVIDENCE OF COMPLIANCE: Documentation that Construction Supervisor and/or Resident Engineer educated about weeds. Details for equipment washout areas shown on plans and specs. Certification of weed-free materials used for revegetation and erosion control.

FUNDED BY: STIP Construction Funds.

IMPLEMENTATION PHASE: Prior to and during construction phase.

MONITORING FREQUENCY: Monitoring will be conducted by TCDOT and/or USFS during construction and for a minimum 1-year period following construction.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No new introduction or spread of noxious weed species.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
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ISSUE: 4.7 BIOLOGICAL RESOURCES

BIOLOGY IMPACT-4. Project construction could result in impacts to special-status plant species.

BIOLOGY MITIGATION-4. The following measures would be implemented in order to mitigate impacts to clustered (Brownie) lady's slipper:

- A qualified botanist shall conduct a focused survey for clustered lady's slipper in the project area in spring (April-May) of the year of design to determine the precise location of the occurrence and to determine whether or not the occurrence will be directly affected by the project;
- If clustered lady's slipper is found to occur in or near areas to be disturbed, the bridge design shall be modified to fully avoid the population if practical and feasible, and the population shall be clearly demarcated with construction barrier fencing;
- If complete avoidance is not feasible, the entire population will be transplanted to another suitable location on James Creek.

In the event that transplantation is necessary, a qualified botanist would do the following:

- Identify a suitable transplantation site (i.e., densely shaded [$>60\%$ canopy cover], perennially damp, dense duff layer) on James Creek upstream of the impact site in consultation with the Forest Service botanist;
- Perform transplantation when plants are dormant or after fruit maturation and while sufficient soil moisture and air temperature will prevent desiccation (i.e., October-November);
- Transplant all potentially affected individuals with a sufficient quantity of soil to protect the roots of the affected plants (transplant soil and plants as a unit if possible); and
- Monitor transplant site for a period of three years following transplantation to assess success of transplantation efforts. Monitoring will include an annual assessment of site conditions, health, survivorship of transplanted individuals, and reproductive potential (i.e., fruit-set). Annual monitoring will be summarized in a brief letter report and submitted to the Forest Service following completion of monitoring efforts.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation, and USFS.

MONITORED BY: TCDOT contracted or USFS botanist, Project Engineer.

EVIDENCE OF COMPLIANCE: Botanist report, revised plans, (if applicable), transplant plans and monitoring reports (if applicable). Demarcated zones on plans and construction barrier fencing is utilized as needed.

FUNDED BY: STIP Design & Construction Funds.

IMPLEMENTATION PHASE: During design and after construction phase.

MONITORING FREQUENCY: Monitoring will be done on a continual basis during construction phase and annually for a three year period following if a transplant is necessary.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No net loss of clustered (Brownie) lady's slipper habitat, continued survival of population.

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MITIGATION AND MONITORING REPORT

ISSUE: 4.7 BIOLOGICAL RESOURCES

BIOLOGY IMPACT-4. Project construction could result in impacts to special-status plant species.

BIOLOGY MITIGATION-5. Potential impacts to the Canyon Creek stonecrop shall be reduced by fencing the known population with construction barrier fencing and avoiding these areas during construction.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, and Environmental Compliance Specialist.

EVIDENCE OF COMPLIANCE: Demarcated zones on plans and construction barrier fencing on site.

FUNDED BY: STIP Design and Construction Funds.

IMPLEMENTATION PHASE: Before and during construction phase.

MONITORING FREQUENCY: Monitoring will be done on a continual basis during construction phase.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): Continued existence of Canyon Creek stonecrop population.

MONITORING RECORD

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MITIGATION AND MONITORING REPORT

ISSUE: 4.7 BIOLOGICAL RESOURCES

BIOLOGY IMPACT-4. Project construction could result in impacts to special-status plant species.

BIOLOGY MITIGATION-6. The following measures would be implemented in order to mitigate impacts to Nile's madia:

- Complete construction within the vicinity of the population of Madia located at Station 117 after seed set (i.e., complete work mid-July through October). This construction window is flexible: the County would consult with the USFS if construction needs to occur outside the given dates.
- Stockpile soil within the vicinity of Station 117 in order to preserve the madia seed bank and reapply after construction is complete. This is feasible if reapplication occurs prior to the onset of fall rains, i.e., if stockpiling and reapplication can occur within the same construction season.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, USFS and Environmental Compliance Specialist.

EVIDENCE OF COMPLIANCE: Consultation with USFS, stockpile of topsoil.

FUNDED BY: STIP Construction Funds.

IMPLEMENTATION PHASE: During construction phase.

MONITORING FREQUENCY: Monitoring after reapplication of topsoil annually for two blooming seasons.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): Continued existence of Nile's madia population.

MONITORING RECORD

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PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.7 BIOLOGICAL RESOURCES

BIOLOGY IMPACT-5. Project construction could result in impacts to the Trinity bristlesnail, a state-listed invertebrate.

BIOLOGY MITIGATION-7. Impacts on the Trinity bristlesnail will be fully mitigated through a comprehensive mitigation plan that involves avoidance and minimization of impacts to Trinity bristlesnail habitat as well as individual snails. The mitigation plan shall also include measures to restore degraded habitat for the snail with appropriate restoration measures and a commensurate monitoring plan to document project success. The Mitigation Plan for the Trinity Bristlesnail is included as Appendix D of the Draft EIR.

- The County shall initiate consultation with the California Department of Fish and Game (CDFG) to obtain an Incidental Take Permit (ITP) under the California Endangered Species Act for project related effects on the Trinity bristlesnail. Upon completion of consultation and issuance of the ITP the County shall comply with all conditions and measures stipulated to minimize and fully mitigate for impacts to the species and its habitat. At a minimum, mitigation agreed to within the ITP shall include the following mitigation measures:
 - Clearly depict James Creek and its associated riparian vegetation and Hayfork Creek and its associated riparian vegetation as Environmentally Sensitive Areas (ESAs) on all project drawings and plans;
 - Prior to the initiation of construction activities clearly demarcate (with uniquely colored construction stakes) the limits of construction within natural habitat areas (i.e., Douglas fir forest, Oregon oak woodland, and riparian habitats); staked boundaries may be inspected by a representative of DFG prior to the onset of earthwork;
 - Implement the avoidance and minimization provisions required by Biology Mitigation – 1 in this Draft EIR.
- The County shall retain an experienced biologist to conduct a focused survey in all optimal habitat areas, and optimal microhabitat areas within sub-optimal habitat areas (i.e. in the James Creek Riparian corridor and in mesic moderately shaded Douglas fir forest and Oregon oak woodland on southeast and west facing slopes) within the area to be disturbed for Trinity bristlesnail individuals. The survey shall be conducted in the month of May prior to construction to maximize the potential for species detection. If individuals of Trinity bristlesnail are found within areas proposed for disturbance within the project area they shall be captured and moved to suitable sites outside the project area that contain optimal habitat within the local watershed. Capture and relocation of the Trinity

bristlesnail shall only proceed after applicable permits and permissions are obtained from CDFG.

- Restore disturbed habitat within James Creek in accordance with the Mitigation Plan.
- The County shall perform annual and long-term monitoring for 15 years, in accordance with the Mitigation Plan.
- The County shall restore a minimum of 0.13-acre of optimal Trinity bristlesnail habitat. Planted trees shall have a combined survival rate of 80% by the fall of the fifth year of monitoring. By the end of year 15 the restoration area shall exhibit a dense continuous canopy cover and significant development of a leaf-mold layer (a continuous layer at least 5 cm thick).
- The County shall perform remedial actions if necessary to achieve performance standards.
- If remedial plantings are necessary, they will be monitored for an additional 10 years, or until performance standards are met.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: TCDOT-Contract Biologist, CDFG, Resident Engineer, and Environmental Compliance Specialist.

EVIDENCE OF COMPLIANCE: Incidental take permit, environmentally sensitive areas marked on plans, construction barrier fencing at site, snail survey records, annual monitoring report.

FUNDED BY: STIP and Trinity County Road Funds.

IMPLEMENTATION PHASE: Before, during, and after construction phase.

MONITORING FREQUENCY: Monitoring of mitigation area over a period of 15 years according to the schedule in the CDFG-approved mitigation plan.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): Restoration of 0.13 acre of optimal Trinity bristlesnail habitat, 80% survival of trees planted in mitigation area, 5cm of leaf-mold layer.

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PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.7 BIOLOGICAL RESOURCES

BIOLOGY IMPACT-6. Project construction could result in impacts to the non-listed invertebrate species that are listed as Survey and Manage Species in the Northwest Forest Plan.

BIOLOGY MITIGATION-8. Potential impacts to terrestrial mollusks, including Survey & Manage species, shall be reduced through the implementation of the Mitigation Recommendations for U.S. Forest Service Survey and Manage Species Potentially Affected by the Proposed Hyampom Road Improvement Project (PM 6.5-8.3) by May & Associates, Inc. November 2002, in consultation with the Shasta-Trinity National Forest. Mitigation shall include the following:

- Implement the avoidance and minimization provisions required by Biology Mitigation – 1 in this Draft EIR.
- Limit ground disturbing and soil compacting activities to the minimum necessary within the project area. Talus, debris, and vegetation shall be maintained to the extent feasible to provide for cool moist areas during fall and spring and to provide refuge sites for summer aestivation and winter hibernation.
- Existing trees, canopy closure, surface vegetation, woody debris, and uncompacted forest litter shall be protected to the extent feasible

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, and Environmental Compliance Specialist.

EVIDENCE OF COMPLIANCE: Demarcated zones on plans and construction barrier fencing is utilized. Avoidance and minimization practices in effect.

FUNDED BY: STIP Construction Funds

IMPLEMENTATION PHASE: During construction phase.

MONITORING FREQUENCY: Monitoring will be done on a continual basis during construction phase.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No impacts to invertebrate species or their habitats outside of construction limits.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 7.0 BIOLOGY IMPACT

BIOLOGY IMPACT-7. In-stream construction could result in direct impacts to special-status fish species.

BIOLOGY MITIGATION -9. The County shall perform in-stream construction activities, within the Ordinary High Water Mark of Hayfork Creek or James Creek, only between June 15 and October 15. Construction may continue after October 15 if there is no threat of rain, with permission from CDFG and/or NOAA Fisheries. In-stream construction shall be completed within one construction season, or all temporary equipment, materials and fills shall be removed from the Ordinary High Water Channel by October 15.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer and Environmental Compliance Specialist.

EVIDENCE OF COMPLIANCE: In-stream construction activities occur only within the restricted in-stream construction window, fills, equipment and materials out of channel by October 15, or authorization documentation from CDFG/ NOAA Fisheries.

FUNDED BY: STIP Construction Funds

IMPLEMENTATION PHASE: Construction Phase

MONITORING FREQUENCY: Monitoring will be done before and after the in-stream construction period.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No activity, equipment, or temporary materials or fills in ordinary High Water Channel before June 15 or after October 15.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 7.0 BIOLOGY IMPACT

BIOLOGY IMPACT-7. In-stream construction could result in direct impacts to special-status fish species.

BIOLOGY MITIGATION -10. The County shall construct rock slope protection and retaining wall systems so as to minimize or avoid in-stream construction activities. Any unavoidable in-stream construction activities shall be isolated from the stream flow through the use of temporary cofferdams.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Project Engineer, Resident Engineer, Contractor.

EVIDENCE OF COMPLIANCE: Minimized in-stream construction activities, use of cofferdams where necessary.

FUNDED BY: STIP Design and Construction Funds.

IMPLEMENTATION PHASE: Construction Phase.

MONITORING FREQUENCY: Monitoring will be done continually during the in-stream construction period.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No contact of equipment or concrete with live stream.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.7 BIOLOGICAL RESOURCES

BIOLOGY IMPACT-10. Project construction could result in impacts to special-status bird species.

BIOLOGY MITIGATION-11.

TCDOT shall complete the second year of the USFWS two-year protocol-level surveys for northern spotted owl. In the event that no northern spotted owls are detected during the second year of surveys no further measures will be employed to avoid or minimize impacts to the species.

If a nest tree of a nesting pair (i.e., activity center) is detected within 400 m (¼ mi) of proposed earthwork the USFS will be notified of the location of the nest. The activity center will be protected as follows:

No construction activities that exceed 90 A-weighted decibels (dBA) measured 15.2 m (50 ft) from the source will occur within 305 m (1,000 ft) of the nest tree during the period between February 1 and July 10 unless a qualified biologist experienced with the assessment of nesting northern spotted owls determines that nesting has failed prior to July 10 or if the biologist determines that the young are capable of tolerating noise disturbance of the magnitude generated by the construction of the project.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: TCDOT-contracted and/or USFS Wildlife Biologist and Environmental Compliance Specialist.

EVIDENCE OF COMPLIANCE: Documentation of survey data, noise measurement data (if necessary), documentation of owl status surveys (if necessary), approval documents from US FWS or USFS.

FUNDED BY: STIP Environmental, Design, and Construction Funds.

IMPLEMENTATION PHASE: During environmental, design and construction phases.

MONITORING FREQUENCY: If nesting northern spotted owls are found, monitoring will be done continually to ensure that no construction activities in excess of 90dB take place within 1000 feet of any nest site until July 10 or until nestlings have fledged.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No disturbance of nesting behavior of northern spotted owls.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.7 BIOLOGICAL RESOURCES

BIOLOGY IMPACT-10. Project construction could result in impacts to special-status bird species.

BIOLOGY MITIGATION-12.

Pre-construction surveys to verify that Cooper's hawk, sharp-shinned hawk, Vaux's swift, and hermit warbler are not nesting within the vicinity of the proposed project shall be completed in the spring prior to the commencement of construction activities. If more than one year of construction is required to complete the project, then these preconstruction surveys shall be completed in the spring prior to each construction season. The biologist conducting the surveys shall locate and map active nests within the project area or within ½ km (1/3 mile) of its boundaries. If nests of any of these species are found, a limited operating period shall apply to construction activities within 500 feet of the nest. If Cooper's or sharp-shinned hawk nests are found, no construction activities shall occur within 500 feet of the nest site until the end of August or until the nestlings have fledged. If Vaux's swift nests are found, no construction activities shall occur within 500 feet of the nest site until early September or until the nestlings have fledged. If hermit warbler nests are found, no construction activities shall occur within 500 feet of the nest site until early July or until the nestlings have fledged. The locations of nest sites shall be provided to the CDFG, USFWS, and USFS, and additional agency-required measures shall be implemented.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: TCDOT-contracted and/or USFS Wildlife Biologist and Environmental Compliance Specialist.

EVIDENCE OF COMPLIANCE: Nesting surveys done early spring prior to commencement of construction activities.

FUNDED BY: STIP Construction Funds.

IMPLEMENTATION PHASE: During pre-construction phase (early spring).

MONITORING FREQUENCY: If special status bird species are found, monitoring will be done continually to ensure that no construction activities take place within 500 feet of any nest site until the end of the nesting season or until nestlings have fledged.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No disturbance to nesting behavior of special-status bird species.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.7 BIOLOGICAL RESOURCES

BIOLOGY IMPACT-12. Project construction could result in discharge of fill to “waters of the U.S.”

BIOLOGY MITIGATION 13. A Clean Water Act Section 404 Permit (probably under Nationwide Permits #s 13 and #14) shall be obtained from the ACOE, a 401 Water Quality Certification or Waiver shall be obtained from the RWQCB, and a 1601 Streambed Alteration Agreement shall be obtained from the CDFG. These permits shall be obtained prior to construction. The stipulations of these permits shall be included in the Plans, Specifications and contract documents prepared for this project and enforced in the field by the TCDOT Resident Engineer.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, Environmental Compliance Specialist, and Project Engineer.

EVIDENCE OF COMPLIANCE: Permits obtained prior to construction

FUNDED BY: STIP Design and Construction Funds.

IMPLEMENTATION PHASE: During design and construction phase.

MONITORING FREQUENCY: Monitoring of permit condition implementation will be done on a daily basis during construction phase.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): Any discharge of fill to “waters of the U.S.” will be done in accordance with permit requirements.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.8 CULTURAL RESOURCES

CULTURAL IMPACT-1. Excavations associated with the proposed project could result in the accidental destruction of previously undiscovered archaeological or historical resources, or could result in the uncovering of Native American human remains.

CULTURAL MITIGATION-1. Members of the Nor-El-Muk Nation and the Wintu Education and Cultural Council will be consulted before construction begins. They will be notified of the construction schedule, and invited to visit the site to view the project limits. If construction is to occur in areas considered by the Nor-El-Muk Nation or Wintu Cultural Council to be likely to contain burials or other archeological resources, then the Nation or Council may assign a representative to monitor construction in that vicinity, at their own expense.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Environmental Compliance Specialist, Resident Engineer, Contractor, and Nor-El-Muk Nation or Wintu Education and Cultural Council.

EVIDENCE OF COMPLIANCE: Records of notifications of appropriate parties.

FUNDED BY: Nor-El-Muk Nation or Wintu Education and Cultural Council.

IMPLEMENTATION PHASE: During construction phase.

MONITORING FREQUENCY: Monitoring will be done on a continual basis by Resident Engineer and Contractor during any form of ground disturbing construction activity. Monitoring by Native American monitors will be at their discretion.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No ground disturbing activities result in the accidental destruction of previously undiscovered cultural resources.

MONITORING RECORD

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PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.8 CULTURAL RESOURCES

CULTURAL IMPACT-1. Excavations associated with the proposed project could result in the accidental destruction of previously undiscovered archaeological or historical resources, or could result in the uncovering of Native American human remains.

CULTURAL MITIGATION-2. In the event that previously unidentified cultural or paleontological resources are encountered during construction, there shall be no further excavation or disturbance of that area. The contractor shall avoid the materials and their context. The Trinity County DOT Project Engineer shall be notified immediately. A qualified archaeologist shall evaluate the find to determine its historical or archaeological significance. If the find is determined to be a significant historical or archaeological resource, the archaeologist shall make recommendations for appropriate mitigation. Work in the area shall not resume until the mitigation measures recommended by the archaeologist have been implemented.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, Environmental Compliance Specialist, and Contract Archaeologist.

EVIDENCE OF COMPLIANCE: Records of notifications of appropriate parties, and Archaeologist's report, if necessary.

FUNDED BY: STIP Construction Funds.

IMPLEMENTATION PHASE: During design and construction phase.

MONITORING FREQUENCY: Monitoring will be done by Resident Engineer and Contractor on a continual basis during any form of ground disturbing construction activities. Archaeologist monitor will be called in only in the event of a discovery.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No ground disturbing activities result in the accidental destruction of previously undiscovered cultural resources.

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ISSUE: 4.8 CULTURAL RESOURCES

CULTURAL IMPACT-1. Excavations associated with the proposed project could result in the accidental destruction of previously undiscovered archaeological or historical resources, or could result in the uncovering of Native American human remains.

CULTURAL MITIGATION-3. In the event that previously unidentified evidence of human burial or human remains are discovered, there shall be no further excavation or disturbance of the site or any nearby area reasonably suspected to overlie adjacent human remains. The Trinity County Coroner must be informed and consulted, per state law. If the coroner determines the remains to be Native American, he or she shall contact the Native American Heritage Commission within 24 hours. The Native American Heritage Commission shall identify the person or persons it believes to be the most likely descendent. They will be given an opportunity to make recommendations for means of treatment of the human remains and any associated grave goods. Work in the area shall not continue until the human remains are dealt with according to the recommendations of the County Coroner, Native American Heritage Commission, and/or the most likely descendent have been implemented.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, Environmental Compliance Specialist, County Coroner and Native American Heritage Commission, if necessary.

EVIDENCE OF COMPLIANCE: Records of notifications of appropriate parties, and Coroner's and/or Native American Heritage Commission documentation, if necessary.

FUNDED BY: STIP Construction Funds.

IMPLEMENTATION PHASE: During design and construction phase.

MONITORING FREQUENCY: Monitoring will be done by Resident Engineer and Contractor on a continual basis during construction that requires any form of ground disturbing activity. Coroner and Native American Heritage Commission will be called in only in the event of a discovery.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No ground disturbing activities result in the accidental destruction of previously undiscovered cultural resources.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.2 GEOLOGY, SOILS AND SEISMICITY

GEOLOGY IMPACT-1. The proposed project may result in soil erosion and slope instability.

GEOLOGY MITIGATION-1. Areas disturbed during construction will be stabilized and revegetated in accordance with a revegetation plan prepared by TCDOT in consultation with the Forest Service as part of the design phase of the project and incorporated into the project plans and specifications. The following seed mix is proposed for use during revegetation, pending approval by the Forest Service: California brome (*Bromus carinatus*), Blue wildrye (*Elymus glaucus*), Idaho fescue (*Festuca idahoensis*), Lotus (*Lotus crassifolius/L. purshianus*), and Arroyo lupine (*Lupinus succulentus*). The seed will be obtained from a supplier that has certified weed-free stock genetically related to natives found in Trinity County. Seed, fiber, commercial fertilizer and water will be applied by hydroseeding, in accordance with methods identified as Type D erosion control measures in Section 20-2 through 20-3 of the Caltrans Standard Specifications. Seed will be applied in the fall or spring, when soils are moist or expected to be moist soon after distribution. Certified weed-free straw or rice straw will be used for mulching the reseeded areas. The straw will be applied with the hydroseed mix, or spread at least two inches thick and in a way to insure good contact with the soil. No herbicides or pesticides shall be applied.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, Environmental Compliance Specialist, and Project Engineer, US Forest Service (approval of seed mix).

EVIDENCE OF COMPLIANCE: Documentation of USFS approval of seed mix. Type D erosion control measures, (i.e. hydroseeding/ mulching) appear in plans and specifications. Evidence that finished slopes are hydroseeded in fall following construction.

FUNDED BY: STIP Construction Funds, County Road Fund (Maintenance after construction).

IMPLEMENTATION PHASE: Completion of grading of each segment and following construction.

MONITORING FREQUENCY: Following construction, weekly during the rainy season for 3 years after construction. Remedial measures to restore and revegetate failed slopes shall be performed, as needed, each spring.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): Revegetated and stable slopes 3 years after construction will indicate success.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.2 GEOLOGY, SOILS AND SEISMICITY

GEOLOGY IMPACT-1. The proposed project may result in soil erosion and slope instability.

GEOLOGY MITIGATION-2. A California Registered civil engineer shall design the proposed cuts and fills in accordance with the Caltrans Design Manual, AASHTO Design Guide, California Standard Plans and California Standard Specifications, and in accordance with the recommendations of a site-specific Geotechnical Review. Field review and materials exploration shall be conducted by a California Registered Geologist, Certified Engineering Geologist or Geotechnical Engineer during design to determine the stability of materials encountered in proposed cuts, and any necessary treatments. Rock buttresses, slope rounding, rock catchment systems and/or other appropriate methods recommended by the Project Geologist to prevent slope failures will be incorporated into project design.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Project Engineer, Resident Engineer and Contractor

EVIDENCE OF COMPLIANCE: Geotechnical Report, recommended measures appear in plans and specifications, and are completed according to plans and specifications.

FUNDED BY: STIP Design, and Construction Funds, and County Road Fund (maintenance after construction).

IMPLEMENTATION PHASE: Prior to, during, and after construction.

MONITORING FREQUENCY: Examination of geotech reports, plans, and specs, monitoring contractor during construction, routine monitoring by road crews after construction.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): Reduced frequency of slope failures, less rock fall on road, fewer slip-outs, reduced road maintenance and fewer road closures due to slope failure.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.2 GEOLOGY, SOILS AND SEISMICITY

GEOLOGY IMPACT-4. Construction activities associated with the project would temporarily expose soils to wind and water erosion within the proposed project area.

GEOLOGY MITIGATION-3. The following measures will be implemented:

- Soil exposure will be minimized during construction through the use of standard Best Management Practices, including but not limited to geofabrics, silt fences, straw bales and wattles, and temporary sediment basins. Exposed dust-producing surfaces will be sprinkled daily until wet while avoiding producing runoff.
- The TCDOT contractor will conduct daily inspections and maintenance of erosion and sediment control measures. Failures will be repaired each workday if they occur.
- All temporary erosion and sediment control measures will be removed after the working area is stabilized or as directed by the project engineer.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Contractor, Resident Engineer, Environmental Compliance Specialist, and Project Engineer.

EVIDENCE OF COMPLIANCE: Erosion control measures appear in plans and specifications. Erosion control measures in place, dust producing surfaces are moist, no large visible clouds of dust or plumes of sediment.

FUNDED BY: STIP Construction Fund, County Road Fund (Maintenance after construction).

IMPLEMENTATION PHASE: During, and after construction.

MONITORING FREQUENCY: During construction monitoring will be made at the end of each construction day and weekly after construction until removal.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): Success indicated by properly installed and functioning erosion and sediment control devices in place at the end of each construction day. No large, visible clouds of dust or plumes of sediment leaving the site.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.4 HAZARDS, HAZARDOUS WASTE AND MATERIALS

HAZARDS IMPACTS-1. Road closures and lane closures during construction could interfere with emergency response or emergency evacuation, including response to wild land fires.

HAZARDS MITIGATION-1. The TCDOT will coordinate closely with emergency service providers before and during construction. A Fire Plan will be developed between the TCDOT, USFS, Hayfork Fire District, Hyampom Community Services District, Trinity County Sheriff's Office and Trinity Ambulance Service. The plan shall establish lines of communication so that the construction crew receives notification of an emergency need to open the road prior to the arrival of emergency vehicles at the site. Procedures will also be established to keep emergency service providers advised of the location of construction crews, the activities going on at the time and the estimated time to clear the road for each activity. Communication shall also include current information on the status and passibility of alternate routes. The emergency service providers will use this information to determine the fastest way to reach the emergency site under the present circumstances.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation, USFS, Hayfork-Fire District, Hyampom Community Services District, Trinity County Sheriff's Office and Trinity Ambulance Service.

MONITORED BY: TCDOT, Resident Engineer, USFS.

EVIDENCE OF COMPLIANCE: Written plan signed by all agencies.

FUNDED BY: STIP Construction Funds

IMPLEMENTATION PHASE: Before and During construction.

MONITORING FREQUENCY: Monitoring will be done continuously by TCDOT, USFS and Resident Engineer through phases of construction that require road closures.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): Advance notification of closure schedule to service providers, and advance notification of emergencies to construction crews. No lengthy delays of emergency vehicles during construction phase.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.4 HAZARDS HAZARDOUS WASTE AND MATERIALS

HAZARDS IMPACT-3. Construction and operation of the proposed project could result in the exposure of the public or construction workers to contaminated soils or groundwater.

HAZARDS MITIGATION 2. If obvious signs of contamination in soils or groundwater are encountered during excavation (odors, sheens or discolored soil), work in that excavation will stop immediately. The TCDOT and the Trinity County Division of Environmental Health will be notified. The soils and/or groundwater will be sampled and tested for suspected contaminants. A Work plan and Site Safety Plan will be prepared addressing safety procedures for completing the excavation, and disposal of the spoils and wastewater generated by the excavation. The work plan shall be approved by the Trinity County Division of Environmental Health and/or the NCRWQCB. Only workers with current Hazardous Waste Operations and Emergency Response (HAZWOPER) training shall be permitted to work in this area. Grading and construction on uncontaminated sections of the project may continue. Remediation of the contaminated soil and or groundwater in the surrounding area shall be the responsibility of the party responsible for the contamination.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Contractor, Resident Engineer, Project Engineer, Environmental Compliance Specialist.

EVIDENCE OF COMPLIANCE: If contamination is encountered, documented by records of notification of agencies, workplan, site safety plan. Case closure documented by NCRWQCB.

FUNDED BY: STIP Construction Funds, Cleanup and disposal of contaminated soil will be charged to the party responsible for the contamination.

IMPLEMENTATION PHASE: During construction.

MONITORING FREQUENCY: Monitoring will be done continuously by Contractor and Resident Engineer through phases of construction that require excavation, with periodic inspections by Trinity County Environmental Compliance Specialist.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): Complete removal of any contaminated soil encountered from excavations done for this project.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

**PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT**

ISSUE: 4.4 HAZARDS HAZARDOUS WASTE AND MATERIALS

HAZARDS IMPACT -4. Fuels, oils, greases, solvents or other hazardous materials used in construction or construction equipment could be accidentally released to the environment.

HAZARDS MITIGATION -3. The Contractor shall exercise every reasonable precaution to protect streams from pollution with fuels, oils and other harmful materials. The Contractor will be required to have adequate spill containment equipment on hand at all times. All waste petroleum products and empty petroleum product containers will be disposed of properly at a recycling or disposal site legally authorized to accept that type of waste. The Trinity County Environmental Health Department and NCRWQCB must be notified immediately in the event of a release of significant quantities of hazardous materials. In the event of a release into Hayfork Creek, CDFG must also be notified.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, Environmental Compliance Specialist, and Project Engineer.

EVIDENCE OF COMPLIANCE: Presence of spill containment equipment on site, disposal records for hazardous wastes.

FUNDED BY: Contractor, STIP Construction Funds.

IMPLEMENTATION PHASE: During construction phase.

MONITORING FREQUENCY: Monitoring will be done continually during construction phase, with periodic inspections by Trinity County Environmental Compliance Specialist.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): Prevention of release of hazardous materials. Adequate spill containment in the event of a release.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.4 HAZARDS, HAZARDOUS WASTE AND MATERIALS

HAZARDS IMPACTS-5. The combined road rehabilitation projects proposed by TCDOT and CFLHD will result in similar delays for emergency vehicles during construction

HAZARDS MITIGATION-4. CFLHD Resident Engineers will be in direct radio contact with the USFS. The CFLHD Contractor will be required to have a serviceable telephone, radiotelephone or radio system connecting each construction operation with the Contractor's headquarters. A radio-equipped fire patrolperson vehicle will satisfy this requirement if in operation during the time required. When such headquarters is at a location which makes communication to it clearly impractical, the Forest Service will accept a reasonable alternative location. The communication system shall provide prompt and reliable communications between the Contractor's headquarters (or above stated alternative) and Forest Service via commercial or Forest Service telephone. The communications system shall be operable during Contractor's operation in the fire precautionary period and at the time fire patrolperson service is required.

LEAD AGENCY: Federal Highway Administration, Central Federal Lands Highway Division (CFLHD).

IMPLEMENTED BY: CFLHD

MONITORED BY: CFLHD Resident Engineer, USFS Hayfork Ranger District, CFLHD Contractor.

EVIDENCE OF COMPLIANCE: Established plan and suitable radio equipment in place.

FUNDED BY: Federal Highway Administration Forest Highway Funds.

IMPLEMENTATION PHASE: During construction.

MONITORING FREQUENCY: Monitoring will be done continuously by CFLHD and Resident Engineer and USFS through phases of construction that require road closure.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No lengthy delays of emergency vehicles during construction phase. Prompt response time to fires and other emergencies.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.3 HYDROLOGY, WATER QUALITY

HYDROLOGY IMPACT-5. Temporary water quality impacts could occur as a result of construction of the Hyampom Road Improvements project.

HYDROLOGY MITIGATION 1. The following measures will be implemented:

- No contact of wet concrete with the live stream will be allowed. Groundwater that comes in contact with wet concrete, such as within bridge footing excavations, will not be allowed to enter the creek but will be pumped to a truck or upland for disposal or treatment, or it may be discharged to a sediment-stilling basin on site and percolated back into the soil.
- If drilling muds are used to drill holes within the ordinary high-water zone, all drilling muds and fluid within all drilled holes will be pumped through a closed system, contained on-site in tanks, removed from the project area, and disposed of off-site at an appropriate facility.
- The TCDOT contractor will remove all spoils materials from the drilled pier holes and dispose of the material in a manner that will not result in discharge of runoff of sediment into Waters of the United States.
- Heavy equipment will not be operated in the active flow channel of any creek.
- Complete diversion or damming of surface flows will not be allowed. A cofferdam may be installed along the edge of the low flow channel of Hayfork Creek, but shall not result in complete dewatering or impedance of flows within the creek.
- Maintenance and refueling areas for equipment will be located a minimum of 100 ft away from the active stream channel. If equipment must be washed, washing will occur where the water cannot flow into the creek channel.
- Spill containment booms will be maintained on-site at all times during construction operations and/or staging or fueling of equipment.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, Project Engineer, and Environmental Compliance Specialist.

EVIDENCE OF COMPLIANCE: Measures are included in plans and specs. Monitoring verifies these practices are implemented. Location of equipment maintenance and fueling areas, checking for spill control boom.

FUNDED BY: STIP Construction Funds.

IMPLEMENTATION PHASE: During construction phase.

MONITORING FREQUENCY: Monitoring will be done on a continual basis through out the construction phase.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No cement, drilling mud, or petroleum products discharged to surface water bodies.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

PROJECT NAME: Hyampom Road Improvements Project
MITIGATION AND MONITORING REPORT

ISSUE: 4.3 HYDROLOGY, WATER QUALITY

HYDROLOGY IMPACT-6. Use of staging areas near Hayfork Creek or James Creek could result in discharge of construction materials or chemicals to the water bodies.

HYDROLOGY MITIGATION 2. All staging areas will be established at least 50 feet from the top of the stream bank or 50 feet from the outer edge of the riparian habitat, whichever is farther. This buffer will be clearly identified on the design drawings and delineated in the field with orange construction barrier fencing. Sedimentation fencing or other erosion and sediment control measures will be installed between the staging area and the riparian area to prevent sediment and pollutant discharges to creeks and riparian areas. There will be no removal of riparian vegetation for staging purposes.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Contractor, Resident Engineer, and Environmental Compliance Specialist, Project Engineer.

EVIDENCE OF COMPLIANCE: Buffers delineated on design drawings, and in the field, sediment barriers in place.

FUNDED BY: STIP Construction Funds.

IMPLEMENTATION PHASE: During design and construction phase.

MONITORING FREQUENCY: Monitoring will be done on a daily basis during construction phase.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): Undisturbed riparian buffers along streams. No discharge of sediments or petroleum products to streams.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS

**PROJECT NAME: HYAMPOM ROAD IMPROVEMENTS PROJECT
MITIGATION AND MONITORING REPORT**

ISSUE: 4.6 Noise

NOISE IMPACT -1: Noise levels within the project area will increase temporarily during construction.

NOISE MITIGATION-1: Construction activities shall comply with the Trinity County Noise Ordinance by either scheduling construction activities in order to qualify for the Noise Source Exemption or by limiting construction noise to comply with the exterior and interior noise level standards at the nearest residence, as set forth in the current Trinity County Noise Ordinance. If no Noise Ordinance is in effect at the time of construction, then construction activities producing significant noise (80 dB or greater at 50 feet) shall be scheduled for between the hours of 7:00 a.m. and 8:00 p.m. Monday through Saturday, with no construction taking place on Sunday.

LEAD AGENCY: Trinity County Planning Department.

IMPLEMENTED BY: Trinity County Department of Transportation.

MONITORED BY: Resident Engineer, Contractor, and Planning Department.

EVIDENCE OF COMPLIANCE: No work producing 80dB or greater at 50feet, outside the allowable hours, or compliance with current noise ordinance standards.

FUNDED BY: STIP Construction Funds.

IMPLEMENTATION PHASE: During construction phase.

MONITORING FREQUENCY: Monitoring will be done during construction phase upon a daily basis during construction hours. Trinity County Planning Department will notify the Environmental Compliance Specialist of any complaints regarding noise.

PERFORMANCE STANDARDS (STANDARDS FOR SUCCESS): No complaints regarding noise. Compliance with current Noise Ordinance Standards.

MONITORING RECORD

DATE	SIGNATURE OF MONITOR	% OF COMPLETION	ACTIONS/ ACCOMPLISHMENTS