



A PDF text file of the project's approved environmental compliance package containing the letter of compliance completion, categorical exclusion form, environmental screening form, and any other associated environmental clearance forms, as applicable (e.g., Wilderness Minimum Requirement Analysis, Wild and Scenic River Section 7 Analysis). The signed originals of the package are on file in the Environmental Planning and Compliance Office at Yosemite National Park.

Letter of Compliance Completion

To: Matt Outhier, Project Manager, Yosemite National Park

From: Cicely Muldoon, Acting Superintendent, Yosemite National Park

Subject: NEPA and NHPA Clearance: 2020-048 Rehabilitate 2 Campground Roads and 64 Campsites at Crane Flat Campground - Phase 1 (PEPC: 89693; PMIS: 157475)

The Superintendent and park interdisciplinary team have reviewed the proposed project and completed an impact analysis and documentation, and have determined the following:

- There will not be any effect on threatened, endangered, or rare species and/or their critical habitat.
- There will be no adverse effect to historic properties.
- There will not be serious or long-term undesirable environmental or visual effects.

The subject proposed project, therefore, is now cleared for all NEPA and NHPA compliance requirements as presented above. Project plans and specifications are approved and construction and/or project implementation can commence.

Required Mitigations - For the proposed project actions to be within compliance requirements during construction and/or project implementation, the following mitigations must be adhered to:

- Only project actions described in PEPC 89693 in campground loops A and E are approved for implementation. Modifications to plans or additional actions require additional review and approval from the Yosemite National Park Environmental Planning and Compliance Office.
- The project manager shall ensure that project personnel (managers, supervisors, and staff) attend a resources protection briefing given by NPS Resources Management and Sciences Division (RMS) staff prior to working on site to become familiar with statutory and contractual environmental requirements and protection measures for archeological sites, sensitive habitats, water resources, and wildlife. Required topics include proper storage and disposal of food/trash, behavior around wildlife, protection of cultural resources, avoidance of introduction of exotic plants, and protections for any listed or sensitive species. Contractors will watch the "Working in Yosemite" video. The project manager is responsible for coordinating educational training with RMS well ahead of the anticipated project implementation.
- Cultural Resources Protections:

- Archeological and tribal monitoring are required and shall be funded by the project account; coordinate with the park Cultural Resources Program Manager well ahead of planned project implementation to schedule and coordinate cultural monitoring.
- Project actions shall not take place within sites marked for avoidance by park Archeologists or Cultural Resources staff.
- Continue to coordinate with the Cultural Resources Program Manager and the Environmental Planning and Compliance Office to complete the Determination of Eligibility for the Crane Flat Campground.
- If previously unknown cultural resources are encountered, the project manager shall temporarily suspend work in the immediate area and contact the Cultural Resource Program Manager who will evaluate and determine appropriate action to protect resources, which could include consultation with appropriate parties (e.g., tribes, SHPO). Although not expected, should previously unknown American Indian burial sites be discovered, the Cultural Resource Program Manager will provide direction to follow provisions Native American Graves Protection and Repatriation Act requirements.
- Visitor Experience:
 - The project shall be staged to minimize campsite and loop closures. The project manager shall minimize temporary construction impacts such as noise and visual impacts that may affect visitor experience.
 - Coordinate with the park Campground Manager at least 6 months ahead of the planned campsite closure to facilitate removing these sites from the online park's reservation system.
- Vegetation Protections & Invasive Plants: Contract specifications are to include standard Natural Resource Protection Division 1 specifications. Of importance are the following:
 - Equipment must be thoroughly washed and inspected by government before entry into park (contact Invasive Plant Botanist at least one week in advance to schedule inspection).
 - Fill and aggregate must be from an approved source (contact Invasive Plant Botanist for approved sources or to arrange inspection).
 - Provide funding for vegetation construction monitor to conduct equipment inspections and consult on vegetation protection.
 - Avoid rare and invasive plant populations as flagged by construction monitor.
 - The project scope will include revegetation and pre- and post-project invasive plant treatment.
- Water Quality & Wetland Protections
 - Use measures to prevent and control spills of fuels, lubricants, or other contaminants. Staff will tighten hydraulic fittings, ensure hydraulic hoses are in good condition (replace if damaged), and repair petroleum leaks before mechanized equipment is used on this project.
 - Erosion and Sediment Control: Use only erosion/sediment control products that either do not contain netting, or that contain netting manufactured from 100% biodegradable non-plastic materials such as jute, sisal, or coir fiber. Degradable, photodegradable, UV-degradable, oxo-degradable, or oxo-biodegradable plastic netting (including polypropylene, nylon, polyethylene, and polyester) are not acceptable.
 - Work crews will follow BMPs to reduce sedimentation and erosion.
 - The project will be implemented in accordance with all stipulations of the U.S. Army Corps of Engineers 404 permits and California State Water Board 401 permits.
- Wildlife Protections:

- Project staff are to be aware of the potential for owls to be present in the vicinity (if owls are seen, please contact the park Terrestrial Ecologist at 209-379-1435).
- The project manager will limit the effects of light and noise on adjacent habitat through controls on construction equipment.
- Work shall only occur during daylight hours, between 30 minutes after dawn and 30 minutes before dusk.
- Personnel will obey all park speed limits while traveling in the park. On-site (defined as the campground access roads) speeds must be limited to 15 miles per hour.
- Owl protections: Tree removal should not occur within 50 ft. of known nest trees. Project activities can disrupt nesting and shall be implemented outside of the nesting season (March 1-July 31); if this is unavoidable, the Terrestrial Ecologist will be consulted well ahead of work commencing. In this case, an NPS biologist will need to conduct owl surveys starting in March. If an active nest is detected, no activities will occur within 0.25 miles of the nest site.
- Fisher protections: Conduct remote camera surveys targeting fisher to inform actions that would reduce impacts to fisher at least 2-4 weeks before the start of project activities, as directed by the park Terrestrial Ecologist. Culverts shall not be blocked during project activities. Project activities and staging shall during the mating/denning period (late January/early February-late June) may require additional mitigations/protections to reduce disturbance during this sensitive period, as directed by the Terrestrial Ecologist.
- Food Storage & Garbage Disposal:
 - New bear lockers shall be installed as part of the project upgrades to campsite furnishings.
 - All staff will be trained in proper storage and disposal of food/trash by wildlife management staff upon arrival at Yosemite. The project manager is responsible for coordinating training with wildlife management.
 - All food, toiletries, drinks, scented items, and food containers must be placed in on-site food lockers provided by the project manager or Contractor. Food lockers must remain closed and latched, unless items are within arms-reach of an awake person.
 - Between sunset and sunrise, no food or food containers may be stored in vehicles. During daylight hours, food and food containers may be left in the car but must be hidden from view with vehicle windows completely closed. Food and food containers must not be left in the bed of a truck or in a vehicle with windows open at any time unless an awake person is within arm's reach.
 - The project manager or Contractor must designate an employee to monitor the work site daily for food and food containers. All waste must be picked up and disposed of in the bear-proof receptacles. The monitor must walk the job site at the end of each day and check for garbage, food, and food-related items remaining at the site and put them in a bear-proof receptacles.
 - All windows and doors in recreational vehicles or trailers used for lodging or office space must be closed and latched when not occupied. Proper food storage is important to the welfare of the bear population and is required by law. Project staff must call the Save-a-Bear hotline (209) 372-0322 to report overflowing trash containers, improperly stored food, or bear sightings.
 - All construction dumpsters must be specifically approved by the park Wildlife Management Program.

Superintendent: Cicely Muldoon
Cicely Muldoon, Acting Superintendent

Date: 3/3/2020

*The signed original of this document is on file at the
Environmental Planning and Compliance Office in
Yosemite National Park.*



Categorical Exclusion Documentation Form (CE Form)

Project: Rehabilitate 2 Campground Roads and 64 Campsites at Crane Flat Campground - Phase 1

PEPC Project Number: 89693

Description of Action (Project Description):

This project will rehabilitate the 3,400 linear feet (LF) of campground roads in Loops A and E, and 64 campsites. This project will be one of several to rehabilitate and repair the badly deteriorated campgrounds that are located outside of Yosemite Valley and the Merced River corridor.

The rehabilitation will correct drainage problems by installing culverts that were omitted from the original design and repairing and establishing roadside ditches. Areas of severe erosion will be repaired and surface water flow will be controlled. Roads and campsites will be rebuilt, and campground furniture replaced. Stop logs and/or bollards will be installed to define vehicular areas and preclude off-road travel. Wherever possible individual campsite footprints will be reduced and site limits clearly established. Yosemite Design & Engineering will design the project, including reestablishing the horizontal and vertical alignments of the campground road and optimization of the layout of individual campsites to remedy visitor deficiencies and better protect natural resources, however a complete redesign of the campground is not intended. Contracted construction will then be done to complete the following, in accordance with the Yosemite Design & Engineering design: improve drainage, accommodate needed culverts and reconstruct the roadway, improve vehicle turn-in alignment and prevent off-road access, improve campsite definition, replace campsite signing, improve site grading, reduce the asphalt paved surface by using permeable materials in parking areas, improve walks, repair erosion damage, and revegetate bare areas.

Phase I includes work to address the grading and drainage issues associated with the campsites and road in loops A and E where these issues are the most severe. Phase II will address issues in campground loops B, C, and D, and also any changes to loops A and E that have the potential to impact the Crane Flat Campground as a Mission-66 resource. The park is in the process of completing a Determination of Eligibility for the campground to inform Phase II work and avoid adverse effects.

Mitigation(s):

- Only project actions described in PEPC 89693 in campground loops A and E are approved for implementation. Modifications to plans or additional actions require additional review and approval from the Yosemite National Park Environmental Planning and Compliance Office.
- The project manager shall ensure that project personnel (managers, supervisors, and staff) attend a resources protection briefing given by NPS Resources Management and Sciences Division (RMS) staff prior to working on site to become familiar with statutory and contractual environmental requirements and protection measures for archeological sites, sensitive habitats, water resources, and wildlife. Required topics include proper storage and disposal of food/trash, behavior around wildlife, protection of cultural resources, avoidance of introduction of exotic plants, and protections for any listed or sensitive species. Contractors will watch the "Working in Yosemite" video. The project manager is responsible for coordinating educational training with RMS well ahead of the anticipated project implementation.
- Cultural Resources Protections:
 - Archeological and tribal monitoring are required and shall be funded by the project account; coordinate with the park Cultural Resources Program Manager well ahead of planned project implementation to schedule and coordinate cultural monitoring.

- Project actions shall not take place within sites marked for avoidance by park Archeologists or Cultural Resources staff.
- Continue to coordinate with the Cultural Resources Program Manager and the Environmental Planning and Compliance Office to complete the Determination of Eligibility for the Crane Flat Campground.
- If previously unknown cultural resources are encountered, the project manager shall temporarily suspend work in the immediate area and contact the Cultural Resource Program Manager who will evaluate and determine appropriate action to protect resources, which could include consultation with appropriate parties (e.g., tribes, SHPO). Although not expected, should previously unknown American Indian burial sites be discovered, the Cultural Resource Program Manager will provide direction to follow provisions Native American Graves Protection and Repatriation Act requirements.
- Visitor Experience:
 - The project shall be staged to minimize campsite and loop closures. The project manager shall minimize temporary construction impacts such as noise and visual impacts that may affect visitor experience.
 - Coordinate with the park Campground Manager at least 6 months ahead of the planned campsite closure to facilitate removing these sites from the online park's reservation system.
- Vegetation Protections & Invasive Plants: Contract specifications are to include standard Natural Resource Protection Division 1 specifications. Of importance are the following:
 - Equipment must be thoroughly washed and inspected by government before entry into park (contact Invasive Plant Botanist at least one week in advance to schedule inspection).
 - Fill and aggregate must be from an approved source (contact Invasive Plant Botanist for approved sources or to arrange inspection).
 - Provide funding for vegetation construction monitor to conduct equipment inspections and consult on vegetation protection.
 - Avoid rare and invasive plant populations as flagged by construction monitor.
 - The project scope will include revegetation and pre- and post-project invasive plant treatment.
- Water Quality & Wetland Protections
 - Use measures to prevent and control spills of fuels, lubricants, or other contaminants. Staff will tighten hydraulic fittings, ensure hydraulic hoses are in good condition (replace if damaged), and repair petroleum leaks before mechanized equipment is used on this project.
 - Erosion and Sediment Control: Use only erosion/sediment control products that either do not contain netting, or that contain netting manufactured from 100% biodegradable non-plastic materials such as jute, sisal, or coir fiber. Degradable, photodegradable, UV-degradable, oxo-degradable, or oxo-biodegradable plastic netting (including polypropylene, nylon, polyethylene, and polyester) are not acceptable.
 - Work crews will follow BMPs to reduce sedimentation and erosion.
 - The project will be implemented in accordance with all stipulations of the U.S. Army Corps of Engineers 404 permits and California State Water Board 401 permits.
- Wildlife Protections:
 - Project staff are to be aware of the potential for owls to be present in the vicinity (if owls are seen, please contact the park Terrestrial Ecologist at 209-379-1435).
 - The project manager will limit the effects of light and noise on adjacent habitat through controls on construction equipment.

- Work shall only occur during daylight hours, between 30 minutes after dawn and 30 minutes before dusk.
- Personnel will obey all park speed limits while traveling in the park. On-site (defined as the campground access roads) speeds must be limited to 15 miles per hour.
- Owl protections: Tree removal should not occur within 50 ft. of known nest trees. Project activities can disrupt nesting and shall be implemented outside of the nesting season (March 1 - July 31); if this is unavoidable, the Terrestrial Ecologist will be consulted well ahead of work commencing. In this case, an NPS biologist will need to conduct owl surveys starting in March. If an active nest is detected, no activities will occur within 0.25 miles of the nest site.
- Fisher protections: Conduct remote camera surveys targeting fisher to inform actions that would reduce impacts to fisher at least 2-4 weeks before the start of project activities, as directed by the park Terrestrial Ecologist. Culverts shall not be blocked during project activities. Project activities and staging shall during the mating/denning period (late January/early February-late June) may require additional mitigations/protections to reduce disturbance during this sensitive period, as directed by the Terrestrial Ecologist.
- Food Storage & Garbage Disposal:
 - New bear lockers shall be installed as part of the project upgrades to campsite furnishings.
 - All staff will be trained in proper storage and disposal of food/trash by wildlife management staff upon arrival at Yosemite. The project manager is responsible for coordinating training with wildlife management.
 - All food, toiletries, drinks, scented items, and food containers must be placed in on-site food lockers provided by the project manager or Contractor. Food lockers must remain closed and latched, unless items are within arms-reach of an awake person.
 - Between sunset and sunrise, no food or food containers may be stored in vehicles. During daylight hours, food and food containers may be left in the car but must be hidden from view with vehicle windows completely closed. Food and food containers must not be left in the bed of a truck or in a vehicle with windows open at any time unless an awake person is within arm's reach.
 - The project manager or Contractor must designate an employee to monitor the work site daily for food and food containers. All waste must be picked up and disposed of in the bear-proof receptacles. The monitor must walk the job site at the end of each day and check for garbage, food, and food-related items remaining at the site and put them in a bear-proof receptacles.
 - All windows and doors in recreational vehicles or trailers used for lodging or office space must be closed and latched when not occupied. Proper food storage is important to the welfare of the bear population and is required by law. Project staff must call the Save-a-Bear hotline (209) 372-0322 to report overflowing trash containers, improperly stored food, or bear sightings.
 - All construction dumpsters must be specifically approved by the park Wildlife Management Program.

CE Citation: C.4 Routine maintenance and repairs to cultural resource sites, structures, utilities and grounds under an approved Historic Structures Preservation Guide or Cyclic Maintenance Guide; or if the action would not adversely affect the cultural resource.

CE Justification: Project will rehabilitate the Crane Flat Campground, a property that is potentially eligible for listing on the National Register of Historic Places as a Mission 66 resource.

Decision: I find that the action fits within the categorical exclusion above. Therefore, I am categorically excluding the described project from further NEPA analysis. No extraordinary circumstances apply.

Superintendent: Cicely Muldoon
Cicely Muldoon, Acting Superintendent

Date: 3/3/2020

The signed original of this document is on file at the Environmental Planning and Compliance Office in Yosemite National Park.

Extraordinary Circumstances:

If implemented, would the proposal...	Yes/No	Notes
A. Have significant impacts on public health or safety?	No	
B. Have significant impacts on such natural resources and unique geographic characteristics as historic or cultural resources; park, recreation, or refuge lands; wilderness areas; wild or scenic rivers; national natural landmarks; sole or principal drinking water aquifers; prime farmlands; wetlands (Executive Order 11990); floodplains (Executive Order 11988); national monuments; migratory birds; and other ecologically significant or critical areas?	No	
C. Have highly controversial environmental effects or involve unresolved conflicts concerning alternative uses of available resources (NEPA section 102(2)(E))?	No	
D. Have highly uncertain and potentially significant environmental effects or involve unique or unknown environmental risks?	No	
E. Establish a precedent for future action or represent a decision in principle about future actions with potentially significant environmental effects?	No	
F. Have a direct relationship to other actions with individually insignificant, but cumulatively significant, environmental effects?	No	
G. Have significant impacts on properties listed or eligible for listing on the National Register of Historic Places, as determined by either the bureau or office?	No	
H. Have significant impacts on species listed or proposed to be listed on the List of Endangered or Threatened Species, or have significant impacts on designated Critical Habitat for these species?	No	
I. Violate a federal, state, local or tribal law or requirement imposed for the protection of the environment?	No	
J. Have a disproportionately high and adverse effect on low income or minority populations (EO 12898)?	No	
K. Limit access to and ceremonial use of Indian sacred sites on federal lands by Indian religious practitioners or adversely affect the physical integrity of such sacred sites (EO 130007)?	No	
L. Contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area or actions that may promote the introduction, growth, or expansion of the range of such species (Federal Noxious Weed Control Act and Executive Order 13112)?	No	



ENVIRONMENTAL SCREENING FORM (ESF)

Updated Sept 2015 per NPS NEPA Handbook

A. PROJECT INFORMATION

Project Title:	Rehabilitate 2 Campground Roads and 64 Campsites at Crane Flat Campground - Phase 1
PEPC Project Number:	89693
Project Type:	Repair/Rehabilitation (REHAB)
Project Location:	
County, State:	Mariposa, California
Project Leader:	Matt Outhier

B. PROJECT DESCRIPTION

See Categorical Exclusion form.

C. RESOURCE IMPACTS TO CONSIDER:

Resource	Potential for Impact	Potential Issues & Impacts
Air Air Quality	None	
Biological Nonnative or Exotic Species <i>Non-native, invasive plants</i>	Potential	Issue: Ground disturbance may lead to the introduction/establishment of invasive plants. Impact: Follow resource protection measures to prevent invasive plants.
Biological Species of Special Concern or Their Habitat <i>Special status raptors occur in area.</i>	Potential	Issue: Construction activities may disturb special status raptors. Impact: Follow resource protections with regard to sensitive time windows to protect special status species from disturbance.
Biological Vegetation <i>Native vegetation</i>	Potential	Issue: Native vegetation has been denuded in many areas of the campground due to visitor trampling and lack of parking/campsite delineation features. Impact: Positive impact to native vegetation by re-establishing delineating features and planning of native vegetation.
Biological Wildlife and/or Wildlife Habitat including terrestrial	Potential	Issue: Project activities may have short term impacts to wildlife habitat. Erosion is an existing issue in the campground that will be addressed by the project.

and aquatic species <i>Wildlife habitat</i>		Impact: Follow resource protections to avoid short term impacts from construction to wildlife habitat. Project will have long-term benefits to wildlife habitat by reducing erosion, better protecting the meadow, and re-establishing native vegetation in the campground.
Cultural Archeological Resources <i>Archeological Resources</i>	Potential	Issue: Soil disturbance has the potential to disturb unknown archeological resources. Project is located within an Archeological District. No work for phase I is planned within archeological sites. Impact: Follow resource protection measures with regard to inadvertent discoveries to protect archeological resources. Phase II compliance will be completed after archeological surveys and SHPO consultation are complete.
Cultural Cultural Landscapes	None	
Cultural Ethnographic Resources	None	
Cultural Museum Collections	None	
Cultural Prehistoric/historic structures <i>Crane Flat Campground</i>	Potential	Issue: Crane Flat Campground is potentially eligible for listing on the National Register of Historic Places as a Mission 66 resource. Impact: Follow resource protections to avoid adverse impacts to the potentially eligible property and complete Determination of Eligibility (DOE).
Geological Geologic Features	None	
Geological Geologic Processes	None	
Lightscares Lightscares	None	
Other Human Health and Safety	None	
Other Operational <i>Campground Operations</i>	Potential	Issue: Construction will have temporary, short-term impacts to campground operations where loops will be closed when construction occurs. Impact: Minimize construction time and sequence project implementation to minimize impacts to campground operations.
Other Other	None	
Socioeconomic Land Use	None	
Socioeconomic Minority and low-income	None	

populations, size, migration patterns, etc.		
Socioeconomic Socioeconomic	None	
Soundscapes Soundscapes <i>Soundscape</i>	Potential	<p>Issue: Construction will have temporary, short-term impacts to soundscape due to operation of heavy machinery when construction occurs.</p> <p>Impact: Minimize construction time and sequence project implementation to minimize impacts to soundscape.</p>
Viewsheds Viewsheds <i>Viewshed</i>	Potential	<p>Issue: Construction will have temporary, short-term impacts to soundscape due to operation of heavy machinery when construction occurs. Campground is heavily eroded and denuded of vegetation, which degrades the viewshed.</p> <p>Impact: Minimize construction time and sequence project implementation to minimize temporary impacts to soundscape. The project will have a long-term benefit to viewshed by improving campsite privacy, reducing erosion, restoring native vegetation, and decreasing impacts to the adjacent meadows.</p>
Visitor Use and Experience Recreation Resources <i>Campsite availability</i>		<p>Issue: Construction will have temporary, short-term impacts to campsite availability, as sites/loops will be closed when construction occurs. Construction is anticipated to occur from April to October 2021.</p> <p>Impact: Minimize construction time and sequence project implementation to minimize impacts to campsite availability.</p>
Visitor Use and Experience Visitor Use and Experience <i>Visitor Experience</i>		<p>Issue: Construction will have temporary, short-term impacts to visitor experience where loops will be closed when construction occurs and from the construction noise/views. Construction is anticipated to occur from April to October 2021.</p> <p>Impact: Minimize construction time and sequence project implementation to minimize impacts to visitor experience.</p>
Water Floodplains	None	
Water Marine or Estuarine Resources	None	
Water Water Quality or Quantity <i>Water Quality</i>	None	
Water Wetlands <i>Wetlands</i>	Potential	<p>Issue: Wetland meadows are located adjacent to the project area. The project has some intermittent drainages that are Other Waters of the US under the jurisdiction of the Army Corps of Engineers. The campground has developed multiple erosion gullies that transport sediments.</p>

		Impact: The project will overall improve wetlands by better protecting meadows and by reducing erosion/sediment runoff and improving drainage features. The project will implement resource protections to prevent construction impacts to wetlands and follow stipulations of all relevant permits.
Water Wild and Scenic River	None	
Wilderness Wilderness	None	



ASSESSMENT OF ACTIONS HAVING AN EFFECT ON HISTORIC PROPERTIES

A. DESCRIPTION OF UNDERTAKING

1. **Park:** Yosemite National Park

2. Project Description:

Project Name: Rehabilitate 2 Campground Roads and 64 Campsites at Crane Flat Campground - Phase 1

Prepared by: Ninette Daniele **Date Prepared:** 02/05/2020 **Telephone:**

PEPC Project Number: 89693

Locations:

County, State: Mariposa, CA

Describe project: See Categorical Exclusion form.

Area of potential effects (as defined in 36 CFR 800.16[d])

The area of potential effects (APE) includes the Crane Flat Campground loops A and E, including the campsites and loop roads. The area is forested so project visibility is limited to the immediate vicinity of the work and campground loops B and D.

The vertical APE will be associated with the ground disturbance associated with road/site grading, paving, trenching, installation of culverts, and replacement of fire rings. The subsurface vertical APE is estimated to be 6 inches of cut or fill, but in rare cases, may reach 48 inches for cut and 24 inches for fill in the most extreme instances. The use of cut or fill exceeding 6 inches, but less than 48 inches for cut and less than 24 inches for fill, is anticipated to be necessary at up to 29 campsites (however the exact extent of fill and cut needed to correct the grading issue will not be known until the designs are further developed). The subsurface vertical APE associated with paving operations is estimated to be 15 inches. The subsurface vertical APE for trenches associated with culverts is estimated to be 64 inches for a 24-inch culvert, and 58 inches for an 18-inch culvert. Tree stump removals will require deeper subsurface vertical APE estimated to be 60 inches.

3. Has the area of potential effects been surveyed to identify historic properties?

<input type="checkbox"/>	No
<input checked="" type="checkbox"/>	Yes
<input type="checkbox"/>	Source or reference:

4. Potentially Affected Resource(s):

Archeological Resources Present: Yes

Property Name: Crane Flat Archeological District **LCS:**

Archeological Resources Notes: The project area surveyed with fair to good ground visibility in 1975, 1984, 2018, and 2019:

- CA-MRP-0141 is a large prehistoric site that covers the junction of the roads that lead to the loop D and 500 loop E. It contains a surface and subsurface deposit of light to moderate density flaked-stone tools and debitage.

No ground disturbance is planned within or adjacent to the site boundaries. The site was not included in the original DOE for the arch district and an evaluation of the site has not been completed.

- CA-MRP-0142 is a large prehistoric site that covers much of the B loop of the campground. It contains a very light to light surface and subsurface deposit of flaked-stone tools and debitage and one granite milling feature. No ground disturbance or staging at this site would occur as part of Phase I construction. The site was not included in the original DOE for the arch district. In 2018, archeological test excavations at the site included an evaluation of the significance of the site, recommending that the site is eligible for the NRHP.
- CA-MRP-0720H is a series of logging railroads, branch lines, spurs, and refuse associated with the Yosemite Lumber Company (YLC) and the Yosemite Sugar Pine Lumber Company (TSPLC) railroad. Branch lines 2 and 3 of the Northside Operations are within the immediate project area. In 2000, a large-scale study on railroads and logging in the park was conducted railroads that extend through the campgrounds. Additional survey work by Peabody and Bevill in 2005 included the southern extent of project area. The site was determined eligible for listing under Criterion A for the association with events that have made significant contributions to the broad pattern of local/national history and Criterion C for the innovative engineering of El Portal and Trumbull Peak inclines (2 of the longest and steepest logging inclines ever built in the U.S). The project will not disturb any site features/artifacts.

Historical Structures/Resources Present: Yes

Historical Structures/Resources Notes: The Crane Campground was a Mission 66 project that was completed in 1964. Although a context study for Mission 66 has been completed for the park, the campground has not been assessed for National Register eligibility. Thus, the park is considering the campground as eligible for listing on the National Register consistent with 36 CFR § 800.4(c)(2). The park has contracted a determination of eligibility for the campground which will be completed in 2020, however it will not be completed in time to inform this undertaking.

The following describes the NPS's consideration of the National Register criteria, under the NPS nationwide multi-property determination for Mission-66 historic properties:

- Criterion A: To be considered eligible for listing in the National Register, Mission 66 era property types should be considered under Criterion A as potentially significant examples of the changing visions for national park planning and development during the period of significance.
- Criterion B: It would be highly unlikely for a campground to be eligible under Criterion B because establishing association with an architect, landscape architect, or engineer's productive life, primary residence, or place of work is improbable.
- Criterion C: Campgrounds should be considered under Criterion C as potentially significant for their association with the design precepts and construction techniques of the Modern Movement style. The style became known as "Park Service Modern" and was practiced by National Park Service architects, landscape architects, planners, and historians during the Mission 66 era.
- Criterion D: It would be highly unlikely for the campground to yield important information related to the history of the campground under the Mission 66 program since documentation of the program and construction already exists in the NPS archives.

Cultural Landscapes Present: No

Ethnographic Resources Present: No

Ethnographic Resources Notes: The park anthropologist has not identified the presence of any historic properties with religious and cultural significance within the APE. The park sent a description of the project to the traditionally associated American Indian tribes and groups in its November 26, 2019 project spreadsheet with a request for the identification of any historic properties that might be affected by the project as well as any comments or concerns. The NPS has not received any comments or concerns from the tribes regarding this project.

5. The proposed action will: (check as many as apply)

No	Destroy, remove, or alter features/elements from a historic structure
Yes	Replace historic features/elements in kind
Yes	Add non-historic features/elements to a historic structure
Yes	Alter or remove features/elements of a historic setting or environment (inc. terrain)
No	Add non-historic features/elements (inc. visual, audible, or atmospheric) to a historic setting or cultural landscape
No	Disturb, destroy, or make archeological resources inaccessible
No	Disturb, destroy, or make ethnographic resources inaccessible
Yes	Potentially affect presently unidentified cultural resources
No	Begin or contribute to deterioration of historic features, terrain, setting, landscape elements, or archeological or ethnographic resources
No	Involve a real property transaction (exchange, sale, or lease of land or structures)
	Other (please specify):

6. Supporting Study Data:

(Attach if feasible; if action is in a plan, EA or EIS, give name and project or page number.)

B. REVIEWS BY CULTURAL RESOURCE SPECIALISTS

The park 106 coordinator requested review by the park's cultural resource specialist/advisors as indicated by check-off boxes or as follows:

[X] 106 Advisor

Name: Madelyn Ruffner

Date: 01/17/2020

Check if project does not involve ground disturbance []

Assessment of Effect: ___No Potential to Cause Effect ___No Historic Properties Affected X No

Adverse Effect ___Adverse Effect ___Streamlined Review

Recommendations for conditions or stipulations:

Doc Method: Standard 4-Step Process

[X] Anthropologist

Name: Scott Carpenter

Date: 01/02/2020

Check if project does not involve ground disturbance []

Assessment of Effect: ___No Potential to Cause Effect ___No Historic Properties Affected X No

Adverse Effect ___Adverse Effect ___Streamlined Review

Recommendations for conditions or stipulations:

Doc Method: Standard 4-Step Process

[X] Archeologist

Name: Wesley Wills

Date: 01/16/2020

Comments: Archeological site CA-MRP-0142 is adjacent to the proposed work at the southern edge of Loop A. Multiple surface surveys, a test excavation project, subsurface survey using augering, and construction monitoring have identified that no intact cultural materials are present. No additional archeological work is recommended for this phase of the project.

Check if project does not involve ground disturbance []

Assessment of Effect: ___No Potential to Cause Effect ___No Historic Properties Affected X No
Adverse Effect ___Adverse Effect ___Streamlined Review

Recommendations for conditions or stipulations: Minimal archeological construction monitoring, including an educational talk for field crews and occasional surface survey and screening of sediments that have not been previously disturbed adjacent to the boundary of CA-MRP-0142 is recommended.

Doc Method: Standard 4-Step Process

[X] Historian

Name: Scott Carpenter

Date: 01/02/2020

Check if project does not involve ground disturbance []

Assessment of Effect: ___No Potential to Cause Effect ___No Historic Properties Affected X No
Adverse Effect ___Adverse Effect ___Streamlined Review

Recommendations for conditions or stipulations:

Doc Method: Standard 4-Step Process

[X] Historical Landscape Architect

Name: Kimball Koch

Date: 12/13/2019

Check if project does not involve ground disturbance []

Assessment of Effect: ___No Potential to Cause Effect ___No Historic Properties Affected X No
Adverse Effect ___Adverse Effect ___Streamlined Review

Recommendations for conditions or stipulations:

Doc Method: Standard 4-Step Process

No Reviews From: Curator, Historical Architect, Other Advisor

C. PARK SECTION 106 COORDINATOR'S REVIEW AND RECOMMENDATIONS

1. Assessment of Effect:

	No Potential to Cause Effects
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	No Historic Properties Affected
X	No Adverse Effect
	Adverse Effect

2. Documentation Method:

☒ A. Standard 36 CFR Part 800 Consultation

Further consultation under 36 CFR Part 800 is needed.

☐ B. Streamlined Review Under the 2008 Servicewide Programmatic Agreement (PA)

The above action meets all conditions for a streamlined review under section III of the 2008 Servicewide PA for Section 106 compliance.

Applicable Streamlined Review Criteria (Specify 1-16 of the list of streamlined review criteria.)

☐ C. Undertaking Related to Park Specific or Another Agreement

The proposed undertaking is covered for Section 106 purposes under another document such as a park, region or statewide agreement established in accord with 36 CFR 800.7 or 36 CFR 800.14.

☐ D. Combined NEPA/NHPA Process

Process and documentation required for the preparation of an EA/FONSI or an EIS/ROD to comply with Section 106 is in accord with 36 CFR 800.8.c.

☐ E. Memo to Project File

3. Consultation Information

SHPO Required: Yes

SHPO Sent: Jan 23, 2020

SHPO Received: Feb 27, 2020

THPO Required: Yes

THPO Sent: Nov 26, 2019

THPO Received:

SHPO/THPO Notes: No comments/concerns received from the tribes on this project.

Advisory Council Participating: No

Advisory Council Notes:

Additional Consulting Parties: No

4. Stipulations and Conditions: Following are listed any stipulations or conditions necessary to ensure that the assessment of effect above is consistent with 36 CFR Part 800 criteria of effect or to avoid or reduce potential adverse effects.

5. Mitigations/Treatment Measures: Measures to prevent or minimize loss or impairment of historic/prehistoric properties: (Remember that setting, location, and use may be relevant.)

Required Mitigations - For the proposed project actions to be within compliance requirements during construction and/or project implementation, the following mitigations must be adhered to:

- Archeological and tribal monitoring are required and shall be funded by the project account; coordinate with the park Cultural Resources Program Manager well ahead of planned project implementation to schedule and coordinate cultural monitoring.
- Project actions shall not take place within sites marked for avoidance by park Archeologists or Cultural Resources staff.
- Continue to coordinate with the Cultural Resources Program Manager and the Environmental Planning and Compliance Office to complete the Determination of Eligibility for the Crane Flat Campground.
- If previously unknown cultural resources are encountered, the project manager shall temporarily suspend work in the immediate area and contact the Cultural Resource Program Manager who will evaluate and determine appropriate action to protect resources, which could include consultation with appropriate parties (e.g., tribes, SHPO). Although not expected, should previously unknown American Indian burial sites be discovered, the Cultural Resource Program Manager will provide direction to follow provisions Native American Graves Protection and Repatriation Act requirements.

6. Assessment of Effect Notes:

D. RECOMMENDED BY PARK SECTION 106 COORDINATOR:

Compliance Specialist

NHPA Specialist Madelyn Ruffner Date: 2/27/2020
 Madelyn Ruffner

E. SUPERINTENDENT'S APPROVAL

The proposed work conforms to the NPS *Management Policies* and *Cultural Resource Management Guideline*, and I have reviewed and approve the recommendations, stipulations, or conditions noted in Section C of this form.

Superintendent: Cicely Muldoon Date: 3/3/2020
 Cicely Muldoon, Acting Superintendent

*The signed original of this document is on file at the
 Environmental Planning and Compliance Office in
 Yosemite National Park.*



Other Compliance/Consultations Form

Park Name: Yosemite National Park

PEPC Project Number: 89693

Project Title: Rehabilitate 2 Campground Roads and 64 Campsites at Crane Flat Campground - Phase 1

Project Type: Repair/Rehabilitation

Project Location:

County, State: Mariposa, CA

Project Leader: Matt Outhier

ESA

Any Federal Species in the project Area? Yes

If species in area: No Effect

Was Biological Assessment prepared? No

If Biological Assessment prepared, concurred? NA

Formal Consultation required? No

Formal Consultation Notes:

The project area may be occupied by Fisher [West Coast Distinct Population Segment] (*Pekania pennanti*; proposed as federally threatened), but project activities are anticipated to have no effect on the species because activities are consistent with the area being used as a campground with a high amount of human use and project would be implemented with mitigations/species protections to avoid impacts to the species. Project activities will only be implemented during daylight hours.

The project area is close to areas with historic observations of Yosemite toads (*Anaxyrus canorus*; federally threatened), however the toad is believed to be extirpated from the area. The project is anticipated to have no effect on the Yosemite Toad as the species is not believed to occupy the project vicinity, based on recent surveys and those conducted in preceding decades.

Formal Consultation Concluded: NA

Any State listed Species in the Project Area? Yes

Consultation Information: The project area and surrounding meadows provide habitat for Great Grey Owls (*Strix nebulosa*). The project activities would include protections/mitigations at the direction of the Terrestrial Ecologist, informed by current survey data, should project activities be planned to occur during sensitive nesting and rearing periods for the species and project activities will only occur during daytime hours. For these reasons, no effect to the species is anticipated from the project.

General Notes:

Data Entered By:	Ninette Daniele	Date:	Feb 18, 2020
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ESA Mitigations

Mitigation ID	Text
98367	<ul style="list-style-type: none"> Project staff are to be aware of the potential for owls to be present in the vicinity (if owls are seen, please contact the park Terrestrial Ecologist at 209-379-1435). The project manager will limit the effects of light and noise on adjacent habitat through controls on construction equipment. Work shall only occur during daylight hours, between 30 minutes after dawn and 30 minutes before dusk. Personnel will obey all park speed limits while traveling in the park. On-site (defined as the campground access roads) speeds must be limited to 15 miles per hour. Owl protections: Tree removal should not occur within 50 ft. of known nest trees. Project activities can disrupt nesting and shall be implemented outside of the nesting season (March 1-July 31); if this is unavoidable, the Terrestrial Ecologist will be consulted well ahead of work commencing. In this case, an NPS biologist will need to conduct owl surveys starting in March. If an active nest is detected, no activities will occur within 0.25 miles of the nest site. Fisher protections: Conduct remote camera surveys targeting fisher to inform actions that would reduce impacts to fisher at least 2-4 weeks before the start of project activities, as directed by the park Terrestrial Ecologist. Culverts shall not be blocked during project activities. Project activities and staging shall during the mating/denning period (late January/early February-late June) may require additional mitigations/protections to reduce disturbance during this sensitive period, as directed by the Terrestrial Ecologist.

Floodplains/Wetlands/§404 Permits

Question	Yes	No	Details
A.1. Is project in 100- or 500-year floodplain or flash flood hazard area?		No	Not in floodplain or flash flood hazard area.
A.2. Is Project in wetlands as defined by NPS/DOI?		No	
B. COE Section 404 permit needed?	Yes		Request Date: To be requested and secured ahead of project implementation. Issue Date: TBA Expiration Date: TBA
C. State 401 certification?	Yes		To be requested and secured ahead of project implementation.
D. State Section 401 Permit?	Yes		Issue Date: TBA Expiration Date: TBA
E. Tribal Water Quality Permit?		No	
F. CZM Consistency determination needed?		No	Date Review Requested: Date Reply Received: Date State Concurred:
G. Erosion & Sediment Control Plan Required?		No	
H. Any other permits required?		No	Permit Information:

Other Information:			
Data Entered By:	Ninette Daniele	Date:	2/26/2020

Flood Plains & Wetlands Mitigations

- Use measures to prevent and control spills of fuels, lubricants, or other contaminants. Staff will tighten hydraulic fittings, ensure hydraulic hoses are in good condition (replace if damaged), and repair petroleum leaks before mechanized equipment is used on this project.
- Erosion and Sediment Control: Use only erosion/sediment control products that either do not contain netting, or that contain netting manufactured from 100% biodegradable non-plastic materials such as jute, sisal, or coir fiber. Degradable, photodegradable, UV-degradable, oxo-degradable, or oxo-biodegradable plastic netting (including polypropylene, nylon, polyethylene, and polyester) are not acceptable.
- Work crews will follow BMPs to reduce sedimentation and erosion.
- The project will be implemented in accordance with all stipulations of the U.S. Army Corps of Engineers 404 permits and California State Water Board 401 permits.

Wilderness

Question	Yes	No	
A. Does this project occur in or adjacent to Designated, Recommended, Proposed, Study, Eligible, or Potential Wilderness?		No	
B. Is the only place to conduct this project in wilderness?		No	
C. Is the project necessary for the administration of the area as wilderness?		No	
D. Would the project or any of its alternatives adversely affect (directly or indirectly) Designated, Recommended, Proposed, Study, Eligible, or Potential Wilderness? (If Yes, Minimum Requirements Analysis required)		No	
E. Does the project or any of its alternatives involve the use of any of the Wilderness Act Section 4(c) prohibited uses: commercial enterprise, permanent road, temporary road, motor vehicles, motorized equipment, motorboats, landing of aircraft, mechanical transport, structure, or installation? (If Yes, Minimum Requirements Analysis required)		No	
If the answer to D or E above is "Yes" then a Minimum Requirements Analysis is required. Describe the status of this analysis in the column to the right.			Initiation Date: Completed Date: Approved Date:
Other Information: Project is not located in Designated Wilderness.			
Data Entered By:	Ninette Daniele	Date:	Feb 18, 2020

Other Permits/Laws *Questions A & B are no longer used.*

Question	Yes	No
C. Wild and scenic river concerns exist?		No
D. National Trails concerns exist?		No

E. Air Quality consult with State needed?		No
F. Consistent with Architectural Barriers, Rehabilitation, and Americans with Disabilities Acts or not Applicable? (If N/A check Yes)	Yes	
G. Other:		

Other Information:

Data Entered By:	Ninette Daniele	Date:	Feb 18, 2020
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