



United States Department of the Interior

NATIONAL PARK SERVICE

Yosemite National Park
P. O. Box 577
Yosemite, California 95389

IN REPLY REFER TO:
L7615(YOSE-PM)

Memorandum

To: Lou Summerfield, Project Manager, Yosemite National Park

From: Superintendent, Yosemite National Park

Subject: NEPA and NHPA Clearance: 2013-006 Lower Yosemite Falls to Camp 4 Parking Lot Accessible Trail (45906)

The Executive Leadership Team has reviewed the proposed project/action and completed its environmental assessment documentation, and we 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.

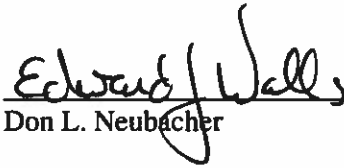
For the proposed project actions to be within compliance requirements during construction and/or project implementation, the following mitigations must be adhered to:

- The proposed project includes actions that will occur within culturally significant areas with ethnographic resources (including archeological resources) valued by traditionally associated tribal groups. The proposed project has been redesigned so that little to no excavation will be required. The proposed project area is either along an existing trail alignment or along a new alignment that likely will not require excavation. Fill materials will be used to elevate the trail to the desired grade desired and no fill materials will be acquired from the project area. Remaining archeological and tribal concerns include the use of heavy equipment in the area, protection of two archeological bedrock mortar features along the existing trail alignment, and the installation of a box culvert in an existing drainage. Methods will be refined in order to prevent heavy equipment from causing any ground disturbances and to protect the archeological features. Ground disturbance and excavation may be necessary to install a box culvert in the drainage adjacent to Feature 4 within a documented archeological site.
- New culvert construction will be faced with stone and any concrete face visible from trail will be covered by granite to extent possible.

Letter of Compliance Completion - Lower Yosemite Falls to Camp 4 Parking Lot Accessible Trail - PEPC ID:
45906

- Archeological monitoring is required to ensure protection of surface features, to confirm that archeological deposits are not disturbed due to heavy equipment use, and to observe sediments if installation of the box culvert requires any ground-disturbing activities.

For complete compliance information see PEPC Project 45906.

(for) 
Don L. Neubacher

Enclosure (with attachments)

cc: Statutory Compliance File



Categorical Exclusion Form

Project: 2013-006 Lower Yosemite Falls to Camp 4 Parking Lot Accessible Trail

PEPC Project Number: 45906

Project Description:

This project consists of restoring portions of the Valley Loop Trail and associated social trails from Camp 4 to the Lower Yosemite Falls area by hardening the trail surface with a non-asphalt material. Upon completion the project will define the trail system and bring this section of trail to accessible standards. Currently there are a number of social trails connecting Camp 4 to the Lower Yosemite Falls Intersection. These social trails have caused increased erosion, vegetation loss, and unnecessary foot traffic on sensitive areas. Restoring this section of trail would mitigate these issues and provide an accessible route from Lower Falls to Camp 4. The trail will be designed and constructed to comply with the requirements for trails listed in the "Draft Final Accessibility Guidelines for Outdoor Developed Areas." The hardened trail surface will be constructed on top of the existing grade removing the need for excavation and lessening impact. Portions will be lined with granite rock borders to contain surface material and define the trail, and will be constructed of a two inch "Stay-Loc" hardened surface material, providing appropriate material to match the surrounding area. Where possible, the trail will be designed so as not to impede existing drainage flows while still providing suitable grades to meet accessibility standards and allow for easy access between Lower Falls and Camp 4.

Natural barriers will be installed at the Swan Slab climbing area to delineate climbing and educational groups from the designated trail. The trail will be slightly diverted away from the climbing areas, giving climbers room to recreate without blocking hikers. Designating an official trail in this high use area would prevent further social trailing and encourage regrowth of natural and existing vegetation.

This project would also provide four accessible parking stalls in the existing Camp 4 Parking Lot and overflow day use parking area. Currently there is no accessible parking in either lot. Accessible parking will be delineated and marked with an accessible sign. The addition of accessible parking stalls would also provide services for future installation of accessible campsites.

This project is consistent with the current preferred alternative of the Merced River Plan (MRP) for future expansion of Camp 4. The MRP designates 35 additional campsites east of the existing parking lot. The proposed trail would provide access to future campsites, while mitigating social trails throughout this high use area. Additionally, this project would build on recent improvements to accessible paths of travel in the Yosemite Lodge and Lower Yosemite Falls area. Upon completion, the park will have an accessible route that connects Camp 4, Yosemite Lodge, Lower Yosemite Falls, and Yosemite Village Mall.

Other quantitative design features include:

- 6 foot trail width
- Reconstruction of approximately 900 feet of existing trail from the Falls Intersection to Swan Slab
- Formalize approximately 900 feet of unmanaged social trail from Swan Slab to Camp 4 parking
- Two inch "Stay-Loc" hardened surface material over a 6 to 8 inch compacted aggregate base
- Portions will be filled to meet existing grade with 2:1 to 4:1 slide slopes
- Total trail construction is approximately 2500 feet

Project Locations:

Mariposa County, CA

Mitigations:

- The proposed project includes actions that will occur within culturally significant areas with ethnographic resources (including archeological resources) valued by traditionally associated tribal groups. The proposed project has been redesigned so that little to no excavation will be required. The proposed project area is either along an existing trail alignment or along a new alignment that likely will not require excavation. Fill materials will be used to elevate the trail to the desired grade desired and no fill materials will be acquired from the project area. Remaining archeological and tribal concerns include the use of heavy equipment in the area, protection of two archeological bedrock mortar features along the existing trail alignment, and the installation of a box culvert in an existing drainage. Methods will be refined in order to prevent heavy equipment from causing any ground disturbances and to protect the archeological features. Ground disturbance and excavation may be necessary to install a box culvert in the drainage adjacent to Feature 4 within a documented archeological site.
- New culvert construction will be faced with stone and any concrete face visible from trail will be covered by granite to extent possible.
- Archeological monitoring is required to ensure protection of surface features, to confirm that archeological deposits are not disturbed due to heavy equipment use, and to observe sediments if installation of the box culvert requires any ground-disturbing activities.

Describe the category used to exclude action from further NEPA analysis and indicate the number of the category (see Section 3-4 of DO-12):

C.11 Minor trail relocation, development of compatible trail networks on logging roads or other established routes, and trail maintenance and repair.

On the basis of the environmental impact information in the statutory compliance file, with which I am familiar, I am categorically excluding the described project from further NEPA analysis. No exceptional circumstances (e.g. all boxes in the ESF are marked "no") or conditions in Section 3-6 apply, and the action is fully described in Section 3-4 of DO-12.

Superintendent: Edward J. Wall Date: 8.15.13
 (for) Don L. Neubacher



ENVIRONMENTAL SCREENING FORM (ESF)

DO-12 APPENDIX 1

Date Form Initiated: 08/08/2013

Updated May 2007 - per 2004 Departmental Manual revisions and proposed Director's Order 12 changes

A. PROJECT INFORMATION

Park Name: Yosemite National Park
Project Title: 2013-006 Lower Yosemite Falls to Camp 4 Parking Lot Accessible Trail
PEPC Project Number: 45906
PMIS Number:
Project Type: Grants (GRT)
Project Location:
County, State: Mariposa, California
Project Leader: John Chisum

Is project a hot topic (controversial or sensitive issues that should be brought to attention of Regional Director)? No

B. RESOURCE EFFECTS TO CONSIDER:

Identify potential effects to the following physical, natural, or cultural resources	No Effect	Negligible Effects	Minor Effects	Exceeds Minor Effects	Data Needed to Determine/Notes
1. Geologic resources – soils, bedrock, streambeds, etc.	No				The proposed project has been redesigned so that little to no excavation will be required.
2. From geohazards	No				
3. Air quality		Negligible			
4. Soundscapes		Negligible			
5. Water quality or quantity	No				
6. Streamflow characteristics	No				

Environmental Screening Form (ESF) - Lower Yosemite Falls to Camp 4 Parking Lot Accessible Trail - PEPC ID: 45906

Identify potential effects to the following physical, natural, or cultural resources	No Effect	Negligible Effects	Minor Effects	Exceeds Minor Effects	Data Needed to Determine/Notes
7. Marine or estuarine resources	No				
8. Floodplains or wetlands	No				
9. Land use, including occupancy, income, values, ownership, type of use	No				
10. Rare or unusual vegetation – old growth timber, riparian, alpine	No				
11. Species of special concern (plant or animal; state or federal listed or proposed for listing) or their habitat	No				
12. Unique ecosystems, biosphere reserves, World Heritage Sites	No				Yosemite National Park is a World Heritage Site.
13. Unique or important wildlife or wildlife habitat	No				
14. Unique or important fish or fish habitat	No				
15. Introduce or promote non-native species (plant or animal)	No				
16. Recreation resources, including supply, demand, visitation, activities,	No				

Identify potential effects to the following physical, natural, or cultural resources	No Effect	Negligible Effects	Minor Effects	Exceeds Minor Effects	Data Needed to Determine/Notes
etc.					
17. Visitor experience, aesthetic resources		Negligible			This project would enhance the visitor experience by providing a continuous, accessible path from Camp 4 to the Yosemite Village Mall.
18. Archeological resources		Negligible			Yosemite Valley Archeological District
19. Prehistoric/historic structure	No				
20. Cultural landscapes		Negligible			Yosemite Valley Historic District
21. Ethnographic resources		Negligible			The project area is within a culturally significant area with ethnographic resources valued by traditionally associated tribal groups.
22. Museum collections (objects, specimens, and archival and manuscript collections)	No				
23. Socioeconomics, including employment, occupation, income changes, tax base, infrastructure	No				
24. Minority and low income populations, ethnography, size, migration patterns, etc.	No				
25. Energy resources	No				
26. Other agency or tribal land use plans	No				

Identify potential effects to the following physical, natural, or cultural resources	No Effect	Negligible Effects	Minor Effects	Exceeds Minor Effects	Data Needed to Determine/Notes
or policies					
27. Resource, including energy, conservation potential, sustainability	No				
28. Urban quality, gateway communities, etc.	No				
29. Long-term management of resources or land/resource productivity	No				
30. Other important environment resources (e.g. geothermal, paleontological resources)?	No				

C. MANDATORY CRITERIA

Mandatory Criteria: If implemented, would the proposal:	Yes	No	N/A	Comment or Data Needed to Determine
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		No		

Mandatory Criteria: If implemented, would the proposal:	Yes	No	N/A	Comment or Data Needed to Determine
critical areas?				
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 law, or a 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		No		

Mandatory Criteria: If implemented, would the proposal:	Yes	No	N/A	Comment or Data Needed to Determine
(Executive Order 12898)?				
K. Limit access to and ceremonial use of Indian sacred sites on federal lands by Indian religious practitioners or significantly adversely affect the physical integrity of such sacred sites (Executive Order 13007)?		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		

D. OTHER INFORMATION

1. Are personnel preparing this form familiar with the site? Yes
- 1.A. Did personnel conduct a site visit? No
2. Is the project in an approved plan such as a General Management Plan or an Implementation Plan with an accompanying NEPA document? No
3. Are there any interested or affected agencies or parties? Yes
- 3.A. Did you make a diligent effort to contact them? Yes
4. Has consultation with all affected agencies or tribes been completed? Yes
5. Are there any connected, cumulative, or similar actions as part of the proposed action? (e.g., other development projects in area or identified in GMP, adequate/available utilities to accomplish project) No

E. INTERDISCIPLINARY TEAM SIGNATORIES



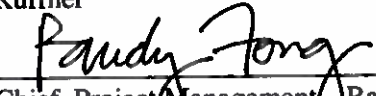
<u>Interdisciplinary Team</u>	<u>Field of Expertise</u>
Don L. Neubacher	Superintendent
Michael Gauthier	Chief of Staff
Kathleen Morse	Chief of Planning
Randy Fong	Chief of Project Management
Teri Austin	Chief of Administration Management
Ed Walls	Chief of Facilities Management
Linda C. Mazzu	Chief of Resources Management & Science
Kris Kirby	Chief of Business and Revenue Management
Tom Medema	Chief of Interpretation and Education

Kevin Killian Lou Summerfield Madelyn Ruffner Renea Kenec	Chief of Visitor and Resource Protection Project Leader Acting Environmental Planning and Compliance Program Manager NEPA Specialist
--	--

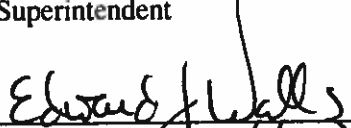
F. SUPERVISORY SIGNATORY

Based on the environmental impact information contained in the statutory compliance file and in this environmental screening form, environmental documentation for this stage of the subject project is complete.

Recommended:

Compliance Specialists  Compliance Specialist + Renea Kenec	Date <u>8/9/13</u>
 Acting Compliance Program Manager – Madelyn Ruffner	<u>8/13/13</u>
 Chief, Project Management – Randy Fong	<u>8/15/13</u>

Approved:

Superintendent  Don L. Neubacher (for)	Date <u>8-15-13</u>
---	------------------------



PARK ESF ADDENDUM

Today's Date: August 9, 2013

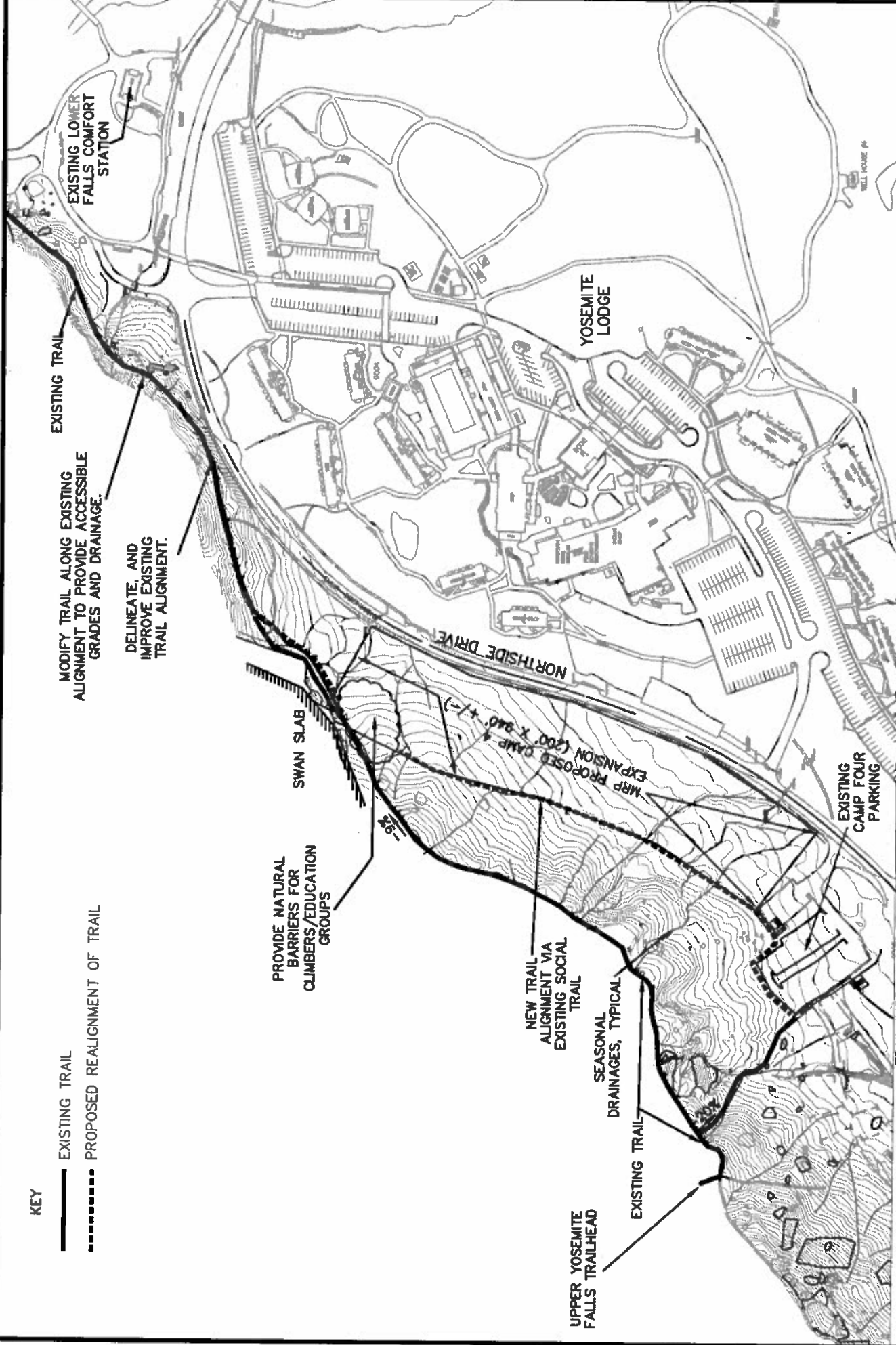
PROJECT INFORMATION

Park Name: Yosemite National Park
Project Title: 2013-006 Lower Yosemite Falls to Camp 4 Parking Lot Accessible Trail
PEPC Project Number: 45906
Project Type: Grants (GRT)
Project Location:
 County, State: Mariposa, California
Project Leader: John Chisum

PARK ESF ADDENDUM QUESTIONS & ANSWERS

ESF Addendum Questions	Yes	No	N/A	Data Needed to Determine/Notes
SPECIAL STATUS SPECIES CHECKLIST				
Listed or proposed threatened or endangered species (Federal or State)?		No		
Species of special concern (Federal or State)?		No		
Park rare plants or vegetation?		No		
Potential habitat for any special-status species listed above?		No		
NATIONAL HISTORIC PRESERVATION ACT CHECKLIST				
Entail ground disturbance?		No		The proposed project has been redesigned so that little to no excavation will be required.
Are any archeological or ethnographic sites located within the area of potential effect?	Yes			Yosemite Valley Archeological District
Entail alteration of a historic structure or cultural landscape?	Yes			The hardened trail will add a structure to the cultural landscape.
Has a National Register form been completed?	Yes			Yosemite Valley

ESF Addendum Questions	Yes	No	N/A	Data Needed to Determine/Notes
				Historic District and Yosemite Valley Archeological District are both listed on the National Register.
Are there any structures on the park's List of Classified Structures in the area of potential effect?		No		
WILD AND SCENIC RIVERS ACT CHECKLIST				
Fall within a wild and scenic river corridor?	Yes			Merced River
Fall within the bed and banks AND will affect the free-flow of the river?		No		
Have the possibility of affecting water quality of the area?		No		
Remain consistent with its river segment classification?	Yes			
Fall on a tributary of a Wild and Scenic River?		No		
Will the project encroach or intrude upon the Wild and Scenic River corridor?		No		
Will the project unreasonably diminish scenic, recreational, or fish and wildlife values?		No		
Consistent with the provisions in the Merced River Plan Settlement Agreement?	Yes			
WILDERNESS ACT CHECKLIST				
Within designated Wilderness?		No		
Within a Potential Wilderness Addition?		No		



KEY

- EXISTING TRAIL
- - - PROPOSED REALIGNMENT OF TRAIL

MODIFY TRAIL ALONG EXISTING ALIGNMENT TO PROVIDE ACCESSIBLE GRADES AND DRAINAGE.

DELINEATE, AND IMPROVE EXISTING TRAIL ALIGNMENT.

PROVIDE NATURAL BARRIERS FOR CLIMBERS/EDUCATION GROUPS

NEW TRAIL ALIGNMENT VIA EXISTING SOCIAL TRAIL

SEASONAL DRAINAGES, TYPICAL

UPPER YOSEMITE FALLS TRAILHEAD

EXISTING TRAIL

EXISTING TRAIL

EXISTING LOWER FALLS COMFORT STATION

SWAN SLAB

NORTHSIDE DRIVE

MRP PROPOSED CAMP EXPANSION (200' X 940' +/-)

YOSEMITE LODGE

EXISTING CAMP FOUR PARKING

HILL HOUSE #4

PROJECT NAME
 TRAIL IMPROVEMENT CONCEPT
 LOWER YOSEMITE FALLS
 TO CAMP 4 PARKING
 YOSEMITE VALLEY
 YOSEMITE NATIONAL PARK

PEPC NO.
 45906

PUS NO.

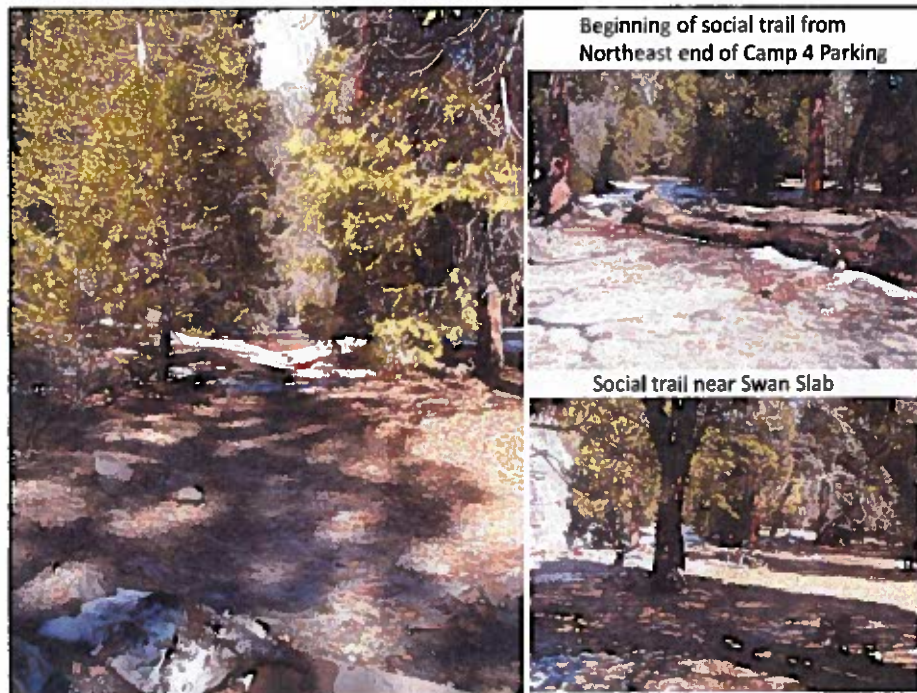
DATE:
 6/2013

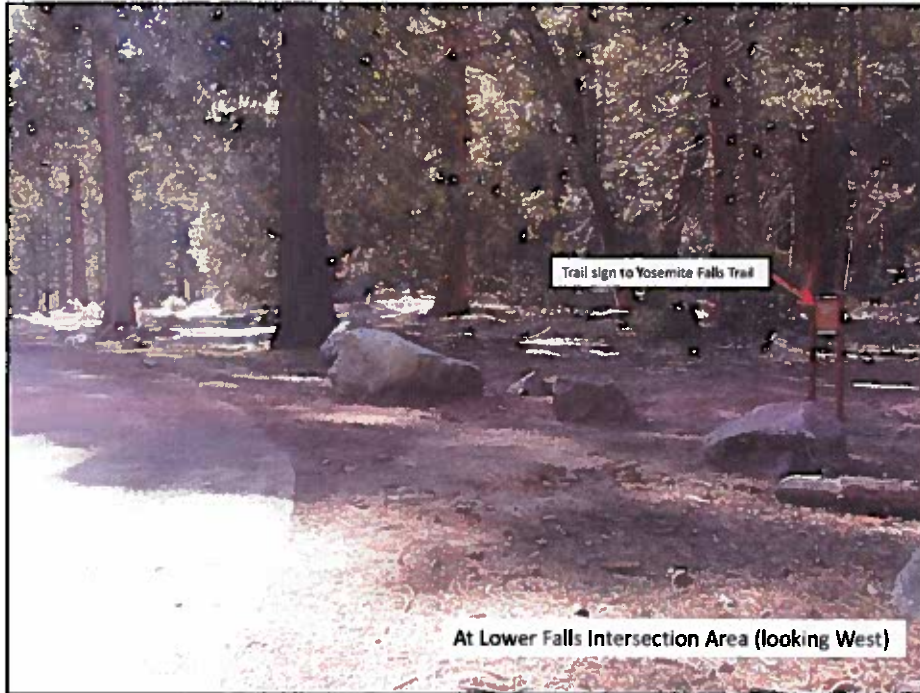
TRAIL IMPROVEMENT DESIGN CRITERIA
 TRAILS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE "DRAFT FINAL ACCESSIBILITY GUIDELINES FOR OUTDOOR DEVELOPED AREAS", OCTOBER 19, 2008

ABBREVIATIONS
 EOP EDGE OF PAVEMENT
 B BOULDER
 TOB TOP OF BANK

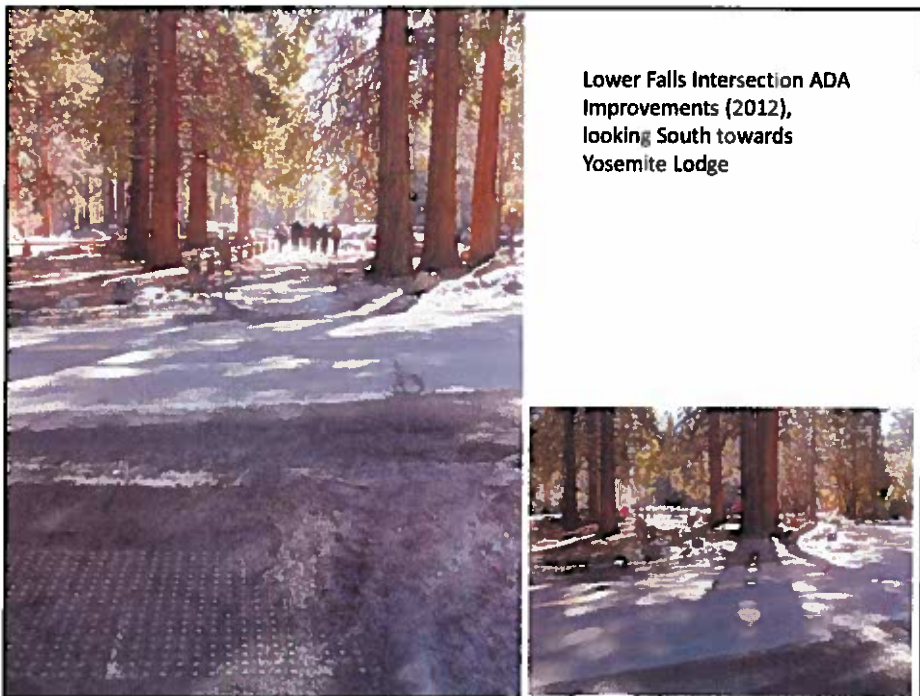
TRAIL WIDTH: 8'
 SURFACE MATERIAL: 2" STAY-LOC
 RUNNING SLOPE AND RESTING INTERVALS:
 5% TO 8.33% 200' MAX
 8.33% TO 10% 30' MAX
 10% TO 12.5% 10' MAX
 RESTING INTERVALS SHALL BE PROVIDED AT EACH END OF SEGMENT, 5' LONG X TRAIL WIDTH @ 2% SLOPE

125 0 125 250
 SCALE OF FEET
 CONTOUR INTERVAL IS 1 FEET

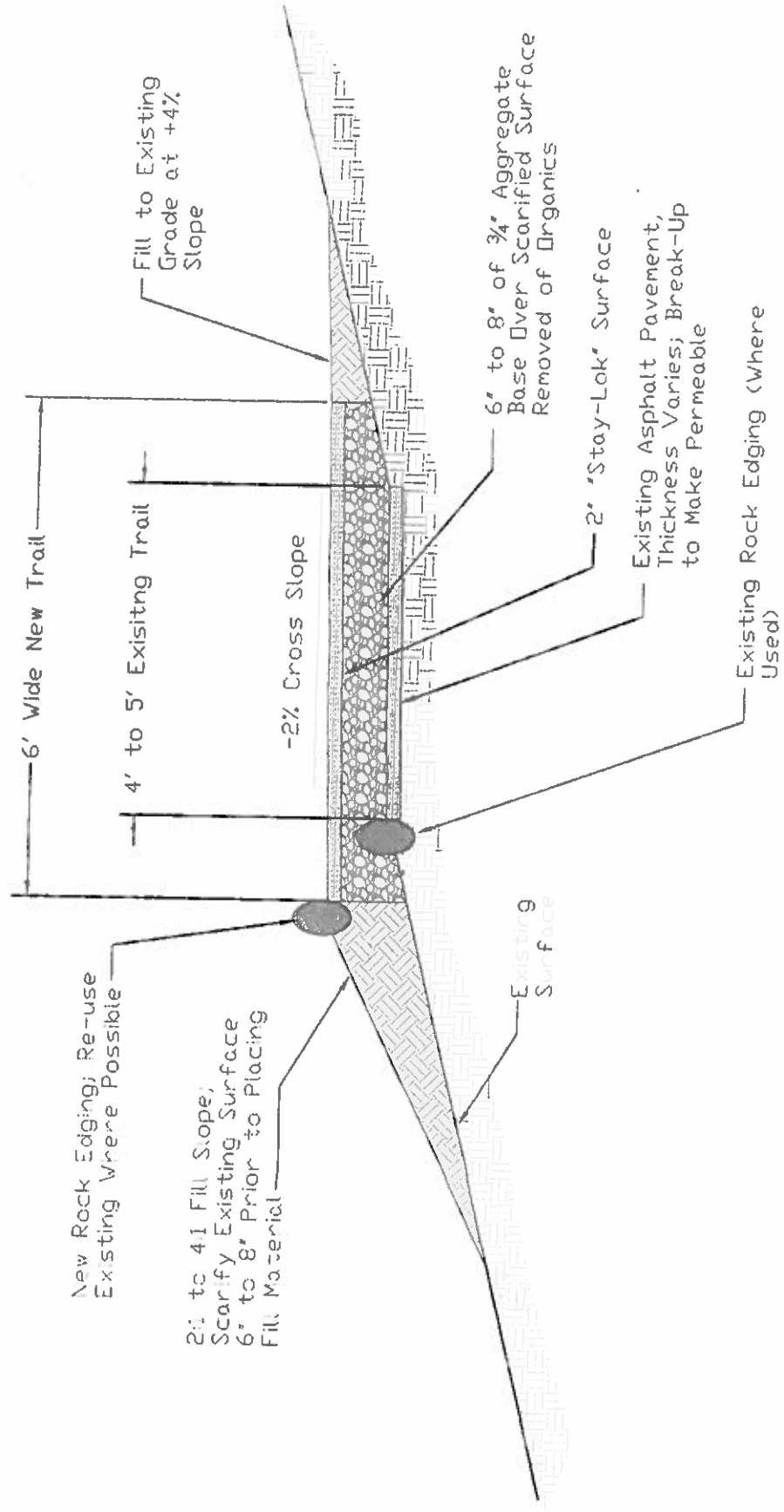




At Lower Falls Intersection Area (looking West)



Lower Falls Intersection ADA Improvements (2012), looking South towards Yosemite Lodge



New Rock Edging; Re-use Existing Where Possible

2:1 to 4:1 Fill Slope; Scarify Existing Surface 6" to 8" Prior to Placing Fill Material

6' Wide New Trail

4' to 5' Existing Trail

-2% Cross Slope

Fill to Existing Grade at +4% Slope

6" to 8" of 3/4" Aggregate Base Over Scarified Surface Removed of Organics

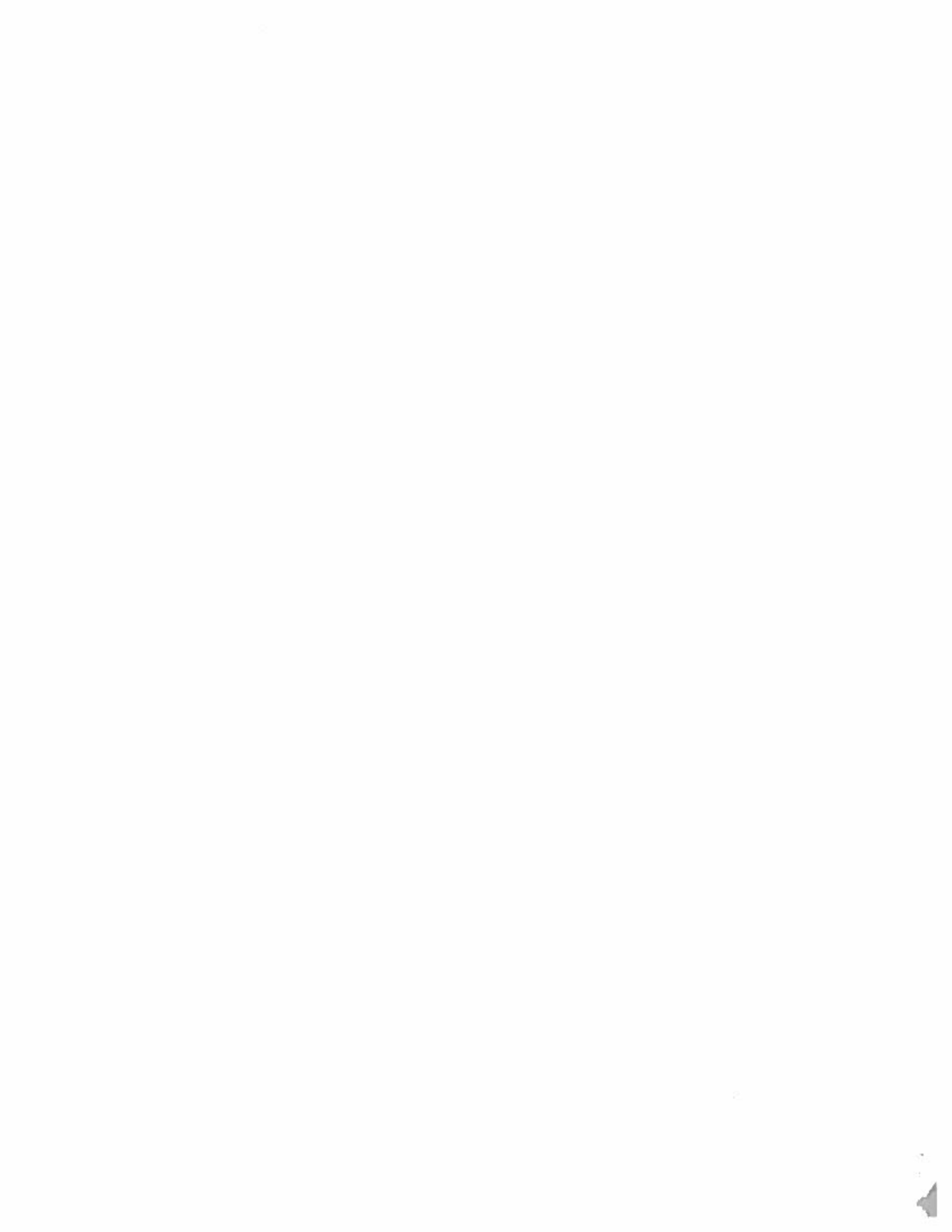
2" 'Stay-Lok' Surface

Existing Asphalt Pavement, Thickness Varies; Break-Up to Make Permeable

Existing Rock Edging (Where Used)

Existing Surface

Trail Improvement Detail





ASSESSMENT OF ACTIONS HAVING AN EFFECT ON CULTURAL RESOURCES

A. DESCRIPTION OF UNDERTAKING

1. **Park:** Yosemite National Park

2. **Project Description:**

Project Name: 2013-006 Lower Yosemite Falls to Camp 4 Parking Lot Accessible Trail
Prepared by: Renea Kennec
Date Prepared: 08/06/2013
Telephone: 209-379-1038
PEPC Project Number: 45906

Area of potential effects (as defined in 36 CFR 800.16[d])
Yosemite Valley Archeological District; Yosemite Valley Historic District Yosemite Falls Trail Corridor

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

 No

 X Yes

Source or reference:

4. **Potentially Affected Resources:**

Archeological resources affected:

Name and numbers: Yosemite Valley Archeological District

NR status: 1 - Listed in Register and documented

Historical Structures/Resources Notes: Yosemite Valley Loop Trail

Cultural Landscapes Notes: Yosemite Valley Historic District

Ethnographic Resources Affected:

Name and number(s): Resources of Cultural Significance (un-evaluated)

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

 Yes Destroy, remove, or alter features/elements from a historic structure

 No Replace historic features/elements in kind

 No Add non-historic features/elements to a historic structure

 No Alter or remove features/elements of a historic setting or environment

- (inc. terrain)
- Add non-historic features/elements (inc. visual, audible, or atmospheric) to a historic setting or cultural landscape
- Disturb, destroy, or make archeological resources inaccessible
- Disturb, destroy, or make ethnographic resources inaccessible
- Potentially affect presently unidentified cultural resources
- Begin or contribute to deterioration of historic features, terrain, setting, landscape elements, or archeological or ethnographic resources
- 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] Archeologist
 Name: Sonny Montague
 Date: 07/30/2013

Check if project does not involve ground disturbance []
 Assessment of Effect: No Potential to Cause Effect No Historic Properties Affected No Adverse Effect Adverse Effect Streamlined Review
 Recommendations for conditions or stipulations: Archeological monitoring is required to ensure protection of surface features, to confirm that archeological deposits are not disturbed due to heavy equipment use, and to observe sediments if installation of the box culvert requires any ground-disturbing activities.

Doc Method: Park Specific Programmatic Agreement

[X] Anthropologist
 Name: Jennifer Hardin
 Date: 07/30/2013

Comments: The proposed project includes actions that will occur within culturally significant areas with ethnographic resources (including archeological resources) valued by traditionally associated tribal groups. The proposed project has been redesigned so that little to no excavation will be required. The proposed project area is either along an existing trail alignment or along a new alignment that likely will not require excavation. Fill materials will be used to elevate the trail to the desired grade desired and no fill materials will be acquired from the project area.

Remaining archeological and tribal concerns include the use of heavy equipment in the area, protection of two archeological bedrock mortar features along the existing trail alignment, and the installation of a box

culvert in an existing drainage. Methods will be refined in order to prevent heavy equipment from causing any ground disturbances and to protect the archeological features. Ground disturbance and excavation may be necessary to install a box culvert in the drainage adjacent to Feature 4 within a documented archeological site. In order to address tribal and archeological concerns about ground disturbance within archeological sites, Facilities Management will notify the Archeology Office in advance of any required excavation and an archeological monitor will be present during ground disturbing activities. In addition, an archeologist will be assigned to the project to track project development and ensure resource protection in the field.

Check if project does not involve ground disturbance []

Assessment of Effect: No Potential to Cause Effect No Historic Properties

Affected No Adverse Effect Adverse Effect Streamlined Review

Recommendations for conditions or stipulations: In order to address tribal concerns about ground disturbance within archeological sites and potential impacts to archeological features, Facilities Management will notify the Archeology Office in advance of any required excavation and an archeological monitor will be present during ground disturbing activities. In addition, an Archeologist will be assigned to the project to track project development and ensure resource protection in the field.

Doc Method: Park Specific Programmatic Agreement

Historical Landscape Architect

Name: Kevin McCardle

Date: 08/07/2013

Comments: Project is as shown in "Trail Map" file and not "Drawings" in project documents.

Check if project does not involve ground disturbance []

Assessment of Effect: No Potential to Cause Effect No Historic Properties

Affected No Adverse Effect Adverse Effect Streamlined Review

Recommendations for conditions or stipulations: New culvert construction will be faced with stone and any concrete face visible from trail will be covered by granite to extent possible.

Doc Method: Park Specific Programmatic Agreement

No Reviews From: Curator, Historical Architect, Historian, 106 Advisor, Other Advisor

C. PARK SECTION 106 COORDINATOR'S REVIEW AND RECOMMENDATIONS

1. Assessment of Effect:

No Potential to Cause Effects

No Historic Properties Affected

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. PLAN-RELATED UNDERTAKING

Consultation and review of the proposed undertaking were completed in the context of a plan review process, in accordance with the 2008 Servicewide PA and 36 CFR Part 800.
Specify plan/EA/EIS:

D. UNDERTAKING RELATED TO ANOTHER AGREEMENT

The proposed undertaking is covered for Section 106 purposes under another document such as a statewide agreement established in accord with 36 CFR 800.7 or counterpart regulations.
Specify: **1999 Programmatic Agreement**

E. COMBINED NEPA/NHPA Document

Documentation is required for the preparation of an EA/FONSI or an EIS/ROD has been developed and used so as also to meet the requirements of 36 CFR 800.3 through 800.6

G. Memo to SHPO/THPO

H. Memo to ACHP

3. Additional Consulting Parties Information:

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.)**

- **Assessment of Effect - Ethnography - The proposed project includes actions that will occur within culturally significant areas with ethnographic resources (including archeological resources) valued by traditionally associated tribal groups. The proposed project has been redesigned so that little to no excavation will be required. The proposed project area is either along an existing trail alignment or along a new alignment that likely will not**

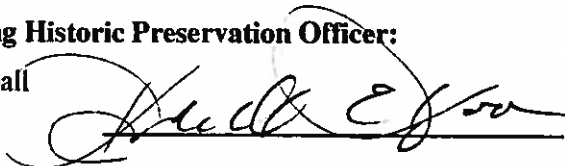
require excavation. Fill materials will be used to elevate the trail to the desired grade desired and no fill materials will be acquired from the project area. Remaining archeological and tribal concerns include the use of heavy equipment in the area, protection of two archeological bedrock mortar features along the existing trail alignment, and the installation of a box culvert in an existing drainage. Methods will be refined in order to prevent heavy equipment from causing any ground disturbances and to protect the archeological features. Ground disturbance and excavation may be necessary to install a box culvert in the drainage adjacent to Feature 4 within a documented archeological site. In order to address tribal and archeological concerns about ground disturbance within archeological sites, Facilities Management will notify the Archeology Office in advance of any required excavation and an archeological monitor will be present during ground disturbing activities. In addition, an archeologist will be assigned to the project to track project development and ensure resource protection in the field. Recommendations: In order to address tribal concerns about ground disturbance within archeological sites and potential impacts to archeological features, Facilities Management will notify the Archeology Office in advance of any required excavation and an archeological monitor will be present during ground disturbing activities. In addition, an Archeologist will be assigned to the project to track project development and ensure resource protection in the field.

- Assessment of Effect - Cultural Landscapes - New culvert construction will be faced with stone and any concrete face visible from trail will be covered by granite to extent possible.
- Assessment of Effect - Archeology - Archeological monitoring is required to ensure protection of surface features, to confirm that archeological deposits are not disturbed due to heavy equipment use, and to observe sediments if installation of the box culvert requires any ground-disturbing activities.

D. RECOMMENDED BY PARK SECTION 106 COORDINATOR:

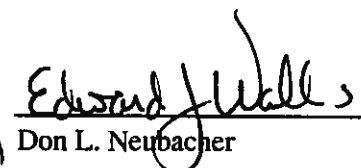
Acting Historic Preservation Officer:

Kimball
Koch

 Date: 8/9/13

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:  Date: 8.13.13
(for) Don L. Neubacher

