



IN REPLY REFER TO:
L7615(YOSE-PM)

United States Department of the Interior NATIONAL PARK SERVICE

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

Memorandum

To: Jim Bacon, Project Manager, Yosemite National Park

From: Acting Superintendent, Yosemite National Park

Subject: NEPA and NHPA Clearance: 2009-051 Tioga Trailheads Improvement (19651)

The Management Team has reviewed the proposed project/action and completed its environmental assessment documentation, and we have determined that there:

- Will not be any effect on threatened, endangered, or rare species and/or their critical habitat.
- Will not be any effect on historical, cultural, or archeological resources; and
- 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:

- No mitigations identified.

//Luis Shram// (acting)
David V. Uberuaga

Enclosure (with attachments)

cc: Statutory Compliance File

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



Categorical Exclusion Form

Project: 2009-051 Tioga Trailheads Improvement

PEPC Project Number: 19651

Project Description: This project addresses the site maintenance and design elements that would improve visitor safety and experience, while also protecting natural and cultural resources, at eight formal trailheads: Gaylor Lakes at Tioga Pass, Mono Pass, Snow Creek, May Lake/Weston Pond, Porcupine, Yosemite Creek/Ten Lakes, Lukens Lake, and Tamarack Flat/Aspen Valley. Actions proposed vary according to the specific issues and concerns of each trailhead site, which are described in the project review package attached. In general, categories and types of actions include the following:

- **Site Delineation** - curbing, split rail fencing, and adding boulders/logs to delineate parking areas.
- **Way finding and Circulation** - adding trailhead signs along roadways, adding trail signs, realigning or adding short trail segments, adding walkways.
- **Visitor Safety** - adding crosswalks to select trailhead areas, removing small vegetation or trees at ingress/egress to parking areas to improve sight lines.
- **Visitor Experience** - adding log rounds for seating at shuttle bus stop waiting areas, basic picnic facilities, adding or reinstalling some wayside interpretive exhibits, adding or expanding restroom facilities, providing appropriate parking capacity including overflow areas where needed, and adhering to the Americans with Disabilities Act regulations to promote visitor accessibility.
- **Site Maintenance** - repaving parking surfaces, replacing concrete curbing, trail reconstruction.
- **Ecological Restoration** - decompacting soils, revegetating, and allowing natural recovery where appropriate.

Project Location:

Tuolumne County, Ca

Mitigations:

- No mitigations identified.

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.3 Routine maintenance and repairs to non-historic structures, facilities, utilities, grounds and trails.

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 or conditions in Section 3-6 apply and the action is fully described in Section 3-4 of DO-12.

Park Acting Superintendent //Luis Shram// (acting)

Date 1/8/10

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National Park Service
U.S. Department of the Interior

Yosemite National Park
Date: 12/02/2009

ENVIRONMENTAL SCREENING FORM (ESF)

DO-12 APPENDIX 1

Date Form Initiated: **12/01/2008**

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: Tioga Trailheads Improvement
PEPC Project Number: 19651
PMIS Number: 117474
Project Type: Resource Management Plan/Site Plan (RMP)
Project Location: County, State: Tuolumne, California
Project Leader: Jim Bacon

Preliminary drawings attached? Yes

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 or natural resources	No Effect	Negligible Effects	Minor Effects	Exceeds Minor Effects	Data Needed to Determine/Notes
1. Geologic resources – soils, bedrock, streambeds, etc.			Minor		Three vault toilets will be installed at five feet below the surface. Two single stall toilets measure 15 feet by 7 feet and the double stall measures 14 feet by 12 feet.
2. From geohazards	No				
3. Air quality		Negligible			The vault toilet installation will result in temporary air emissions during construction.
4. Soundscapes		Negligible			Temporary construction noises during installation.
5. Water quality or quantity	No				
6. Streamflow characteristics	No				

Identify potential effects to the following physical or natural 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; no historic properties would be adversely affected by implementing this project.
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)		Negligible			See Comment 1, below.
16. Recreation resources, including supply, demand, visitation, activities, etc.			Minor		There will be beneficial improvements for visitors at the eight trailheads.
17. Visitor experience, aesthetic resources			Minor		Visitor experience will be enhanced by providing improved safety and access.
18. Museum collections (objects, specimens, and archival and manuscript collections)	No				
19. Socioeconomics, including employment, occupation, income changes, tax base, infrastructure	No				
20. Minority and low income populations, ethnography, size, migration patterns, etc.	No				

Identify potential effects to the following physical or natural resources	No Effect	Negligible Effects	Minor Effects	Exceeds Minor Effects	Data Needed to Determine/Notes
21. Energy resources	No				
22. Other agency or tribal land use plans or policies	No				
23. Resource, including energy, conservation potential, sustainability	No				
24. Urban quality, gateway communities, etc.	No				
25. Long-term management of resources or land/resource productivity			Minor		This project will improve visitor safety and protect natural and cultural resources.
26. Other important environment resources (e.g. geothermal, paleontological resources)?	No				
Identify Potential Effects to Cultural Resources	No Historic Properties Affected	No Adverse Effect	Adverse Effect		Notes
1. Archeological resources	X				
2. Prehistoric/historic structure		X			
3. Cultural landscapes		X			Tioga Road Historic District and Tioga Pass Historic District.
4. Ethnographic resources	X				

Comments:

1. Ensure that all equipment and materials brought into the park are free of non-native, invasive plants and animals and noxious weeds. All staff working on the project shall be informed of and follow best management practices for preventing the introduction and spread of nonnative, invasive species as described in Division 1 Specifications, Section 1355.

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		

Mandatory Criteria: If implemented, would the proposal:	Yes	No	N/A	Comment or Data Needed to Determine
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 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 (Executive Order 12898)?		No		
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		

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

For the purpose of interpreting these procedures within the NPS, any action that has the potential to violate the NPS Organic Act by impairing park resources or values would constitute an action that triggers the DOI exception for actions that threaten to violate a federal law for protection of the environment.

D. OTHER INFORMATION

Are personnel preparing this form familiar with the site? Yes

Did personnel conduct a site visit? Yes, all divisions participated in multiple site visits.

Is the project called for in an approved plan such as a General Management Plan or an Implementation Plan with an accompanying NEPA document? No

Are there any interested or affected agencies or parties? No

Has consultation with all affected agencies or tribes been completed? Yes

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>
David V. Uberuaga	Acting Superintendent
Dennis Schramm	Acting Deputy Superintendent
Kristina Rylands	Acting Chief of Planning
Mark Butler	Chief of Project Management
Katariina Tuovinen	Chief of Administration Management
Paul Laymon	Acting Chief of Facilities Management
Niki Nicholas	Chief of Resources Management & Science
Marty Nielson	Chief of Business and Revenue Management
Tom Medema	Chief of Interpretation and Education
Steve Shackelton	Chief of Visitor and Resource Protection
Jim Bacon	Project Leader
Elexis Mayer	Environmental Planning and Compliance Program Manager
Jeannette Simons	NHPA Specialist
Renea Kennec	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	Date
<u>//Renea Kennec//</u> Compliance Specialist – Renea Kennec	<u>1/5/10</u>
<u>//Elexis Mayer//</u> Compliance Program Manager – Elexis Mayer	<u>1/5/10</u>
<u>//Mark A. Butler//</u> Chief, Project Management – Mark Butler	<u>1/6/10</u>

Approved:

Acting Superintendent	Date
<u>//Luis Shram// (acting)</u> David V. Uberuaga	<u>1/8/10</u>

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National Park Service
U.S. Department of the Interior

Yosemite National Park
Date: 12/02/2009

PARK ESF ADDENDUM

Today's Date: **December 2, 2009**

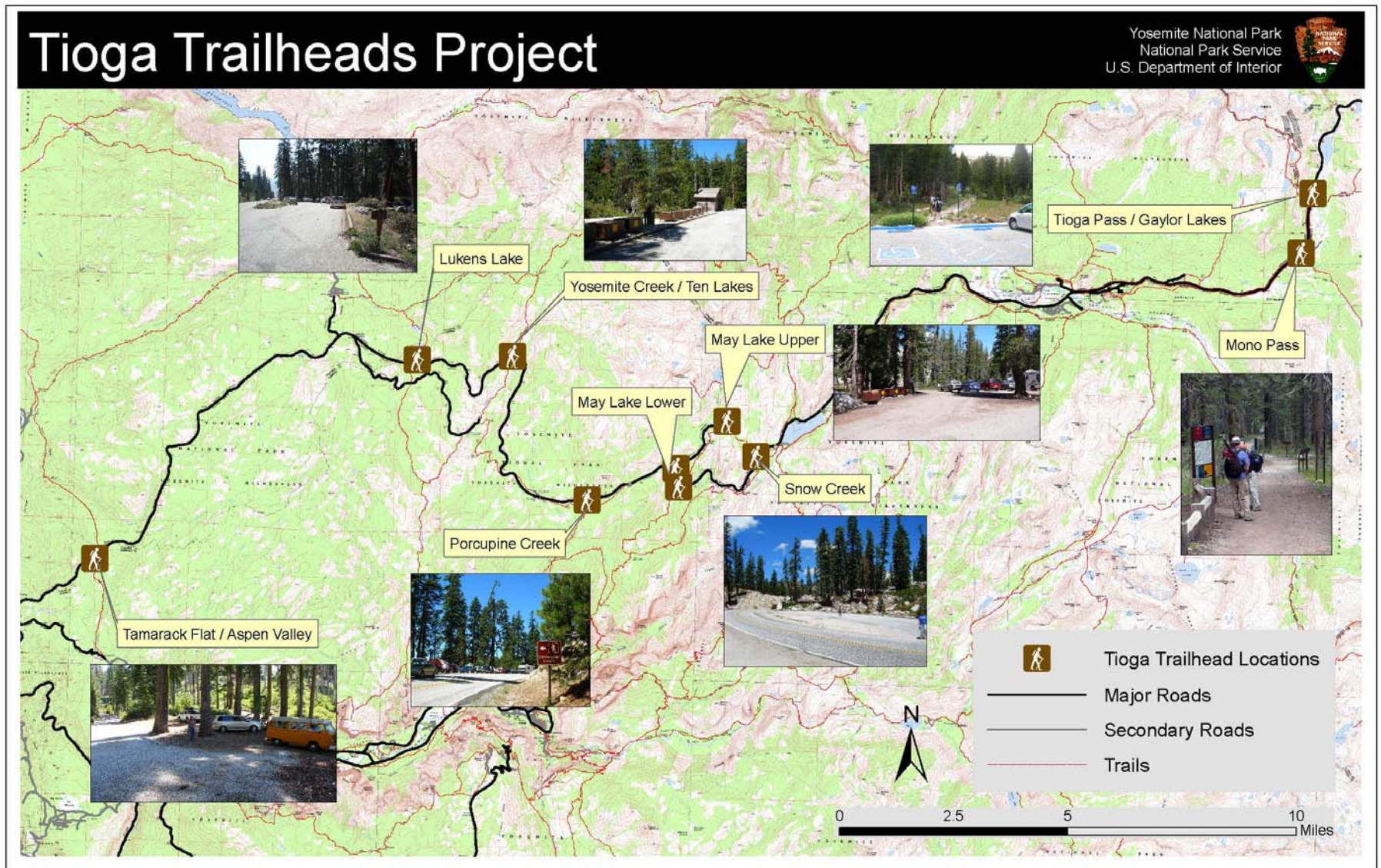
PROJECT INFORMATION

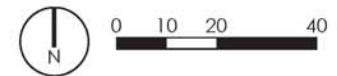
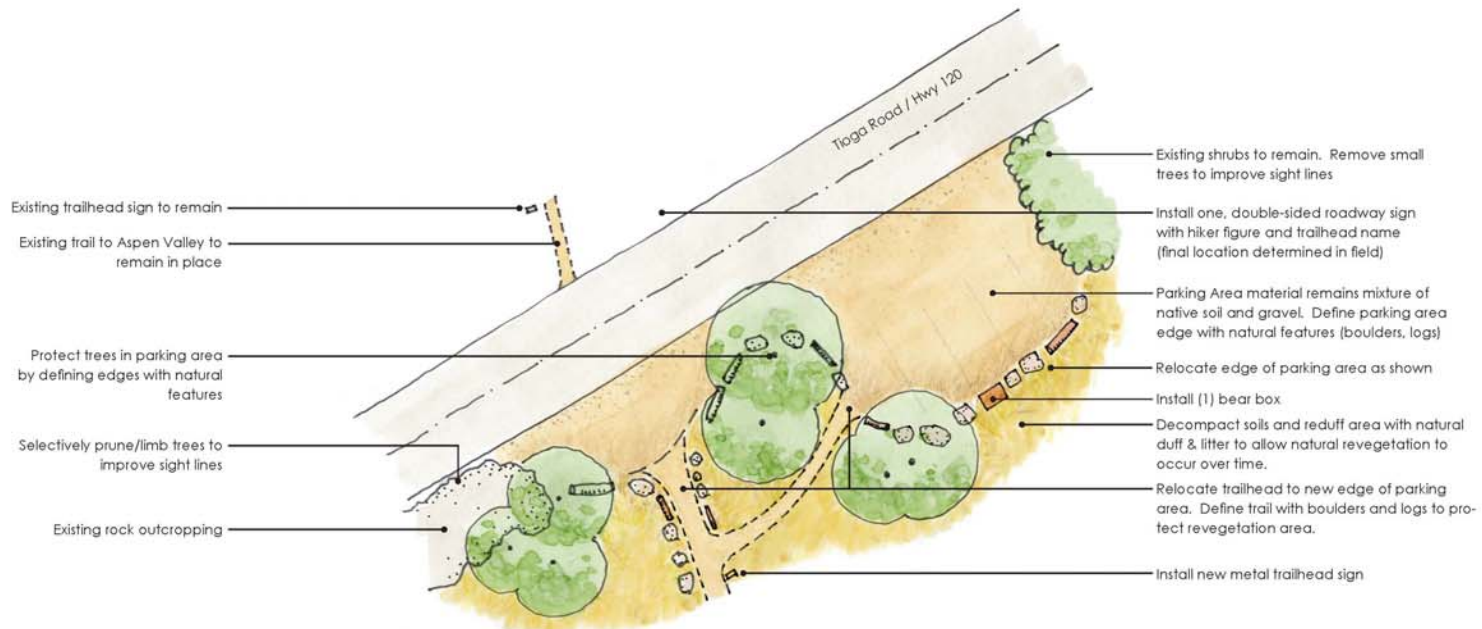
Park Name: Yosemite National Park
Project Title: 2009-051 Tioga Trailheads Improvement
PEPC Project Number: 19651
Project Type: Resource Management Plan/Site Plan (RMP)
Project Location: County, State: Tuolumne, California
Project Leader: Jim Bacon

PARK ESF ADDENDUM QUESTIONS & ANSWERS

ESF Addendum Questions	Yes	No	N/A	Data Needed to Determine/Notes
SPECIAL STATUS SPECIES CHECKLIST				
1. Listed or proposed threatened or endangered species (Federal or State)?		X		
2. Species of special concern (Federal or State)?		X		
3. Park rare plants or vegetation?		X		
4. Potential habitat for any special-status species listed above?		X		
NATIONAL HISTORIC PRESERVATION ACT CHECKLIST				
5. Entail ground disturbance?	X			Three vault toilets will be installed at five feet below the surface. Two single stall toilets measure 15 feet by 7 feet and the double stall measures 14 feet by 12 feet.
6. Are any archeological or ethnographic sites located within the area of potential effect?		X		The archeological assessment of effect is "No Adverse Effect."
7. Entail alteration of a historic structure or cultural landscape?		X		
8. Has a National Register form been completed?		X		

ESF Addendum Questions	Yes	No	N/A	Data Needed to Determine/Notes
9. Are there any structures on the park's List of Classified Structures in the area of potential effect?		X		
WILD AND SCENIC RIVERS ACT CHECKLIST				
10. Fall within a wild and scenic river corridor? (Name the river corridor)	X			Tuolumne River, Tioga Pass/Gaylor Lakes; Merced River, Yosemite Creek/Ten Lakes.
11. Fall within the bed and banks AND will affect the free-flow of the river?		X		
12. Have the possibility of affecting water quality of the area?		X		
13. Remain consistent with its river segment classification?	X			Scenic classification allows for minor development such as trailheads and trailhead parking.
14. Protect and enhance river ORVs?			X	The Tioga Trailheads project will protect the hydrologic and biologic values of the Tuolumne River by delineating parking and wayfinding. This project will enhance the recreational values and visitor experience by upgrading trailhead areas with picnic facilities, interpretive exhibits, and expanded restroom facilities.
15. If Yes, remain consistent with conditions of the River Protection Overlay?			X	
16. Remain consistent with the areas Management Zoning?			X	
17. Fall on a tributary of a Wild and Scenic River?		X		
18. Will the project encroach or intrude upon the Wild and Scenic River corridor?		X		
19. Will the project unreasonably diminish scenic, recreational, or fish and wildlife values?		X		
20. Within designated Wilderness?		X		
WILDERNESS ACT CHECKLIST				
21. Within a Potential Wilderness Addition?		X		





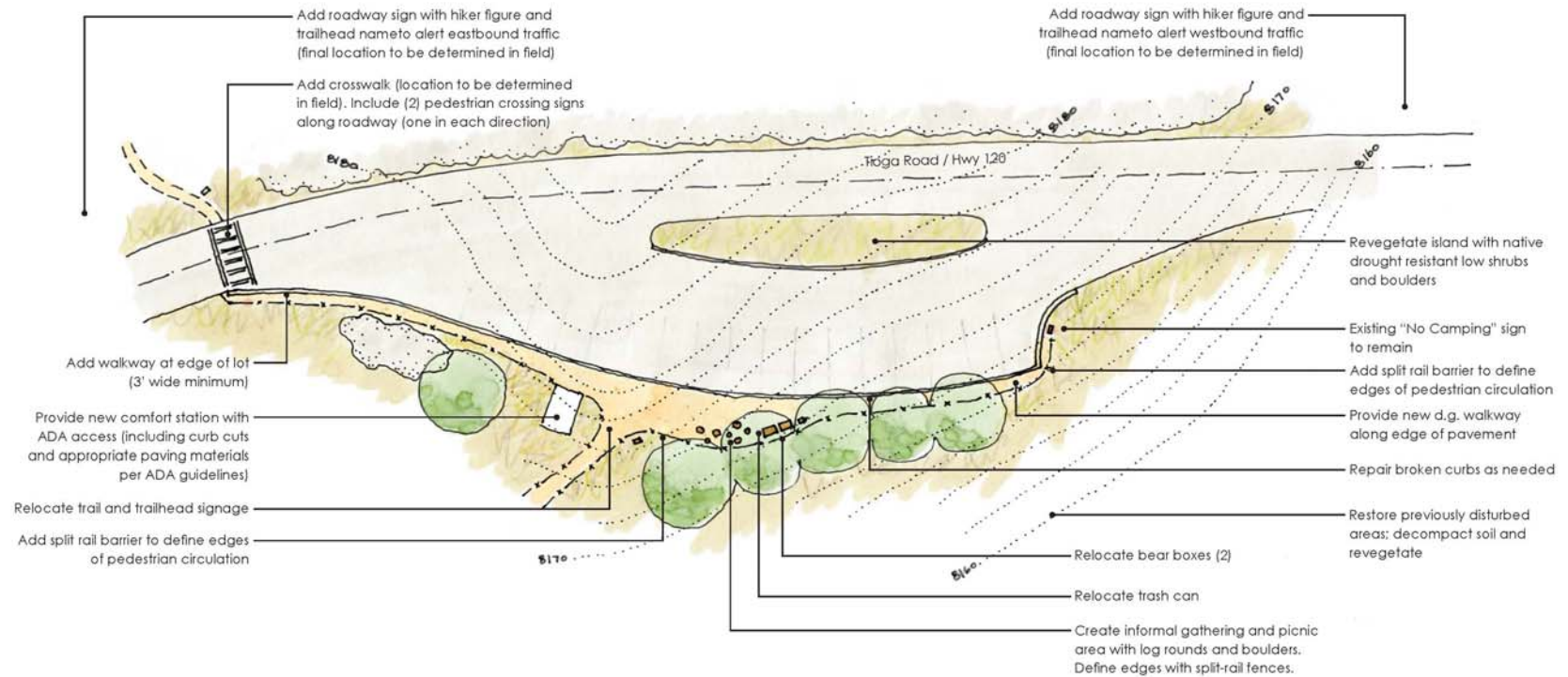
Yosemite National Park

Tioga Trailheads Project

The Yosemite Fund
Royston Hanamoto Alley & Abey

Design Concept - Tamarack Flat

September 25, 2009



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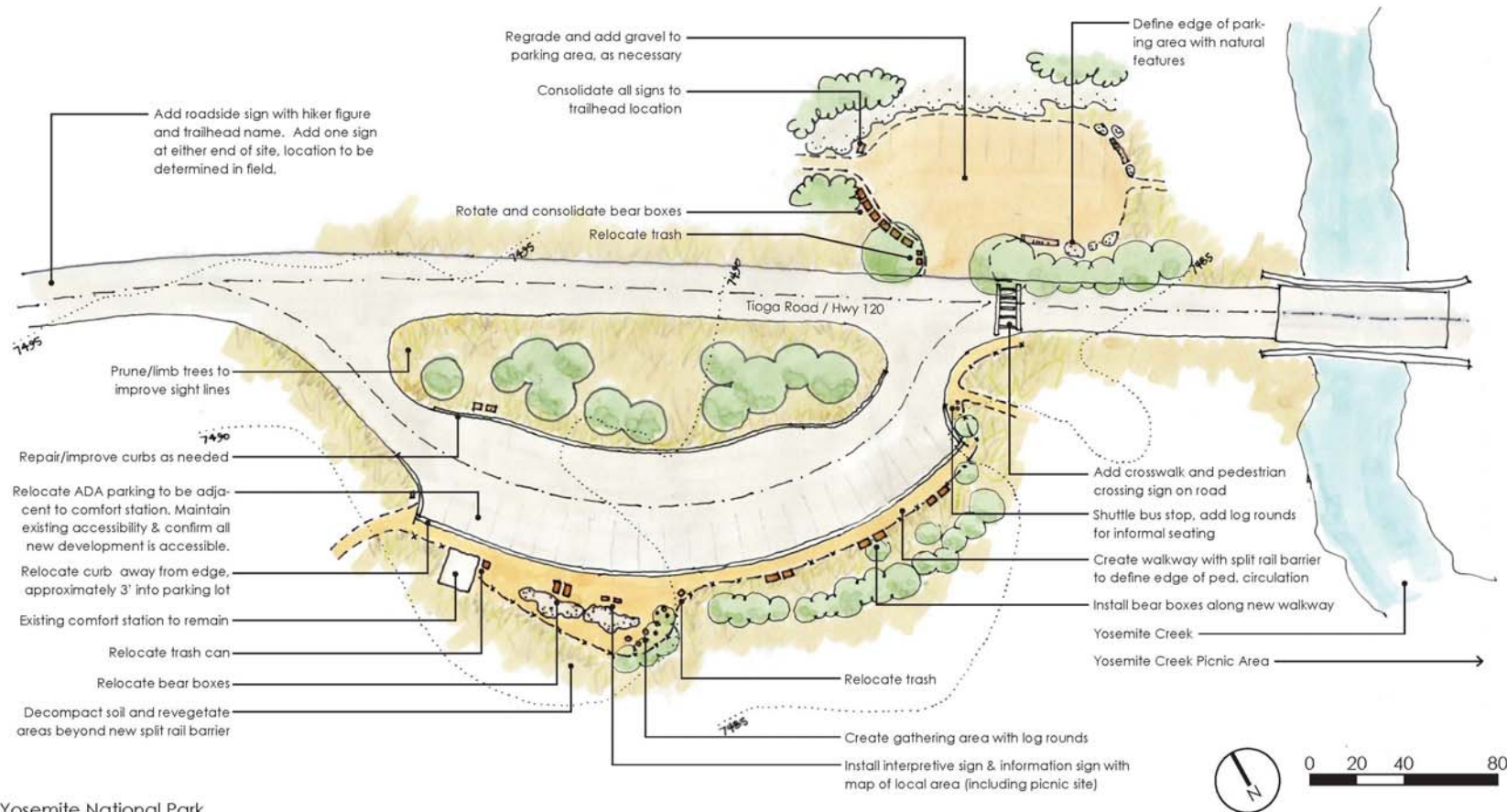
Yosemite National Park

Tioga Trailheads Project

The Yosemite Fund
Royston Hanamoto Alley & Abey

Design Concept - Lukens Lake

September 25, 2009



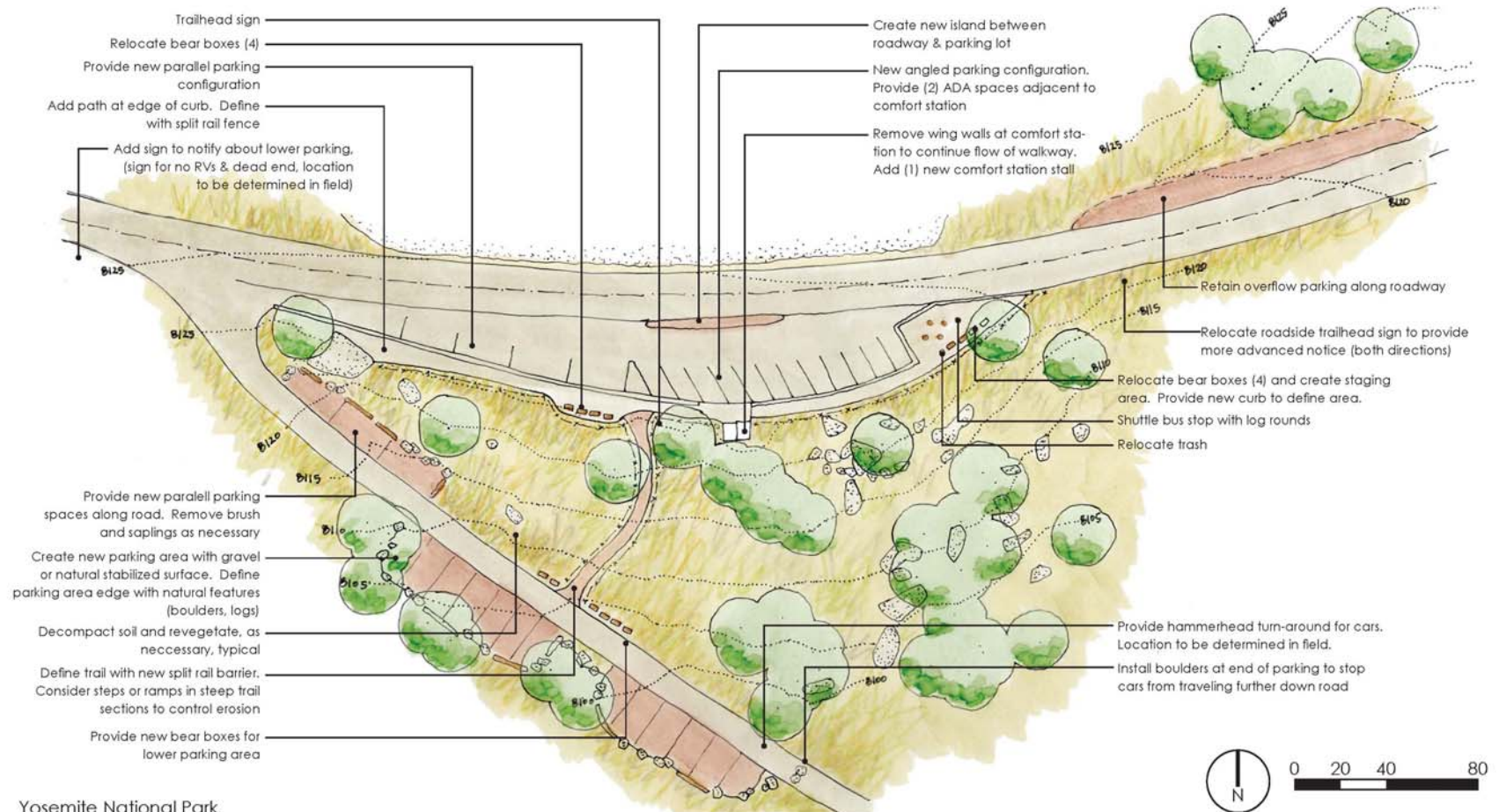
Yosemite National Park

Tioga Trailheads Project

The Yosemite Fund
Royston Hanamoto Alley & Abey

Design Concept - Yosemite Creek / Ten Lakes

September 25, 2009



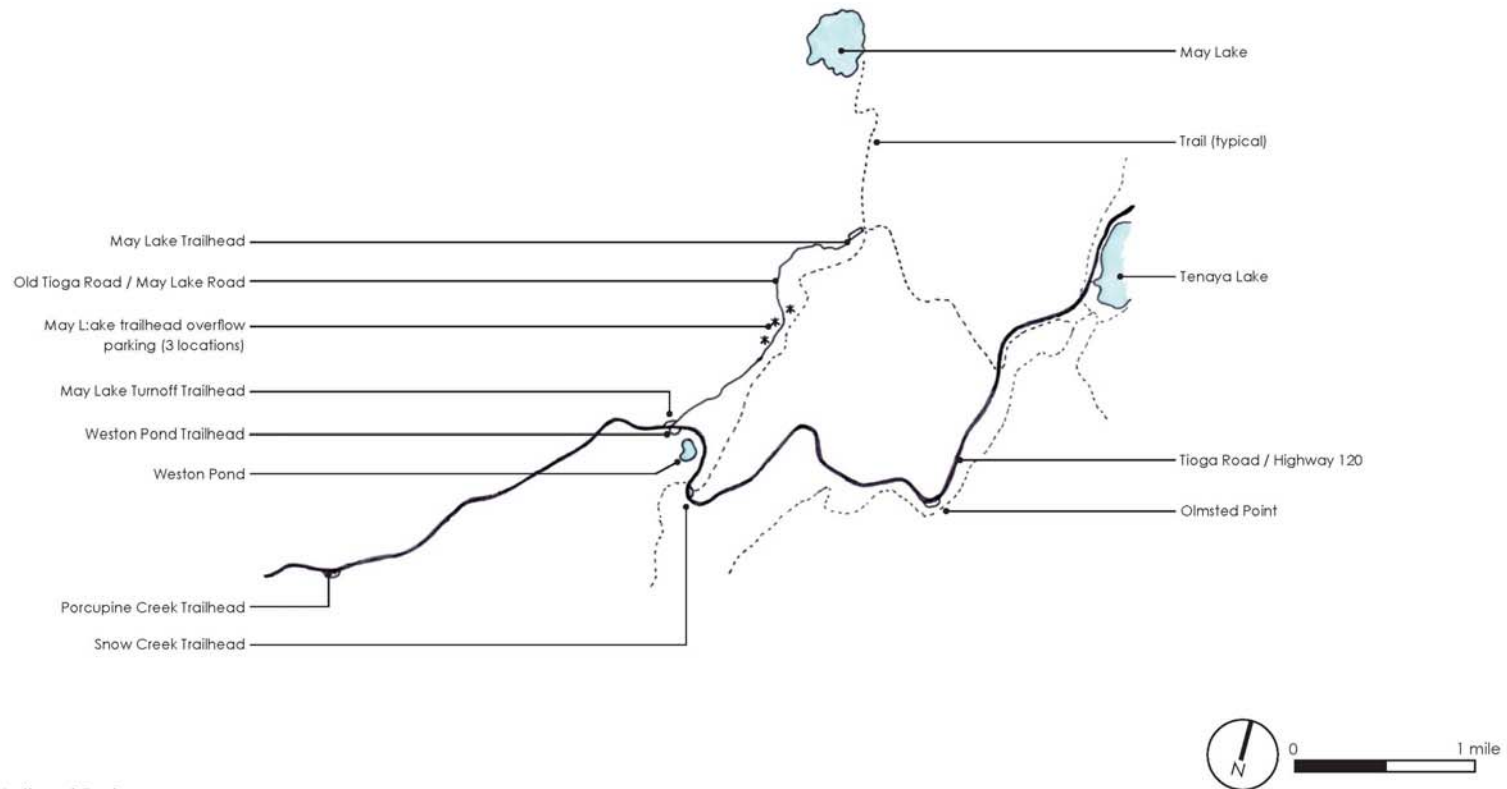
Yosemite National Park

Tioga Trailheads Project

The Yosemite Fund
Royston Hanamoto Alley & Abey

Design Concept - Porcupine Creek

September 25, 2009



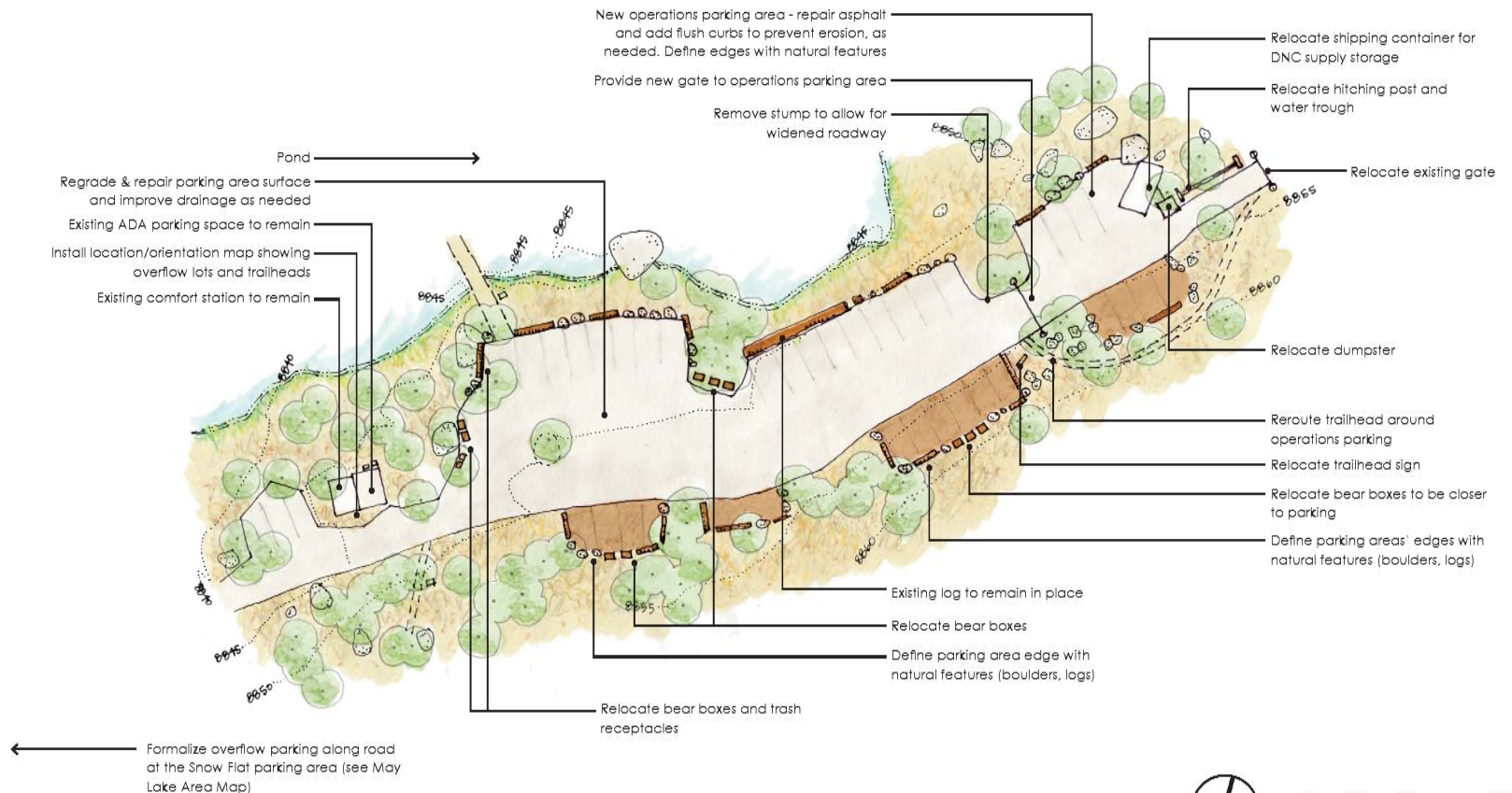
Yosemite National Park

Tioga Trailheads Project

The Yosemite Fund
Royston Hanamoto Alley & Abey

Design Concept - May Lake Area Plan

September 25, 2009



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Yosemite National Park

Tioga Trailheads Project

The Yosemite Fund
Royston Hanamoto Alley & Abey

Design Concept - May Lake (Upper)

September 25, 2009



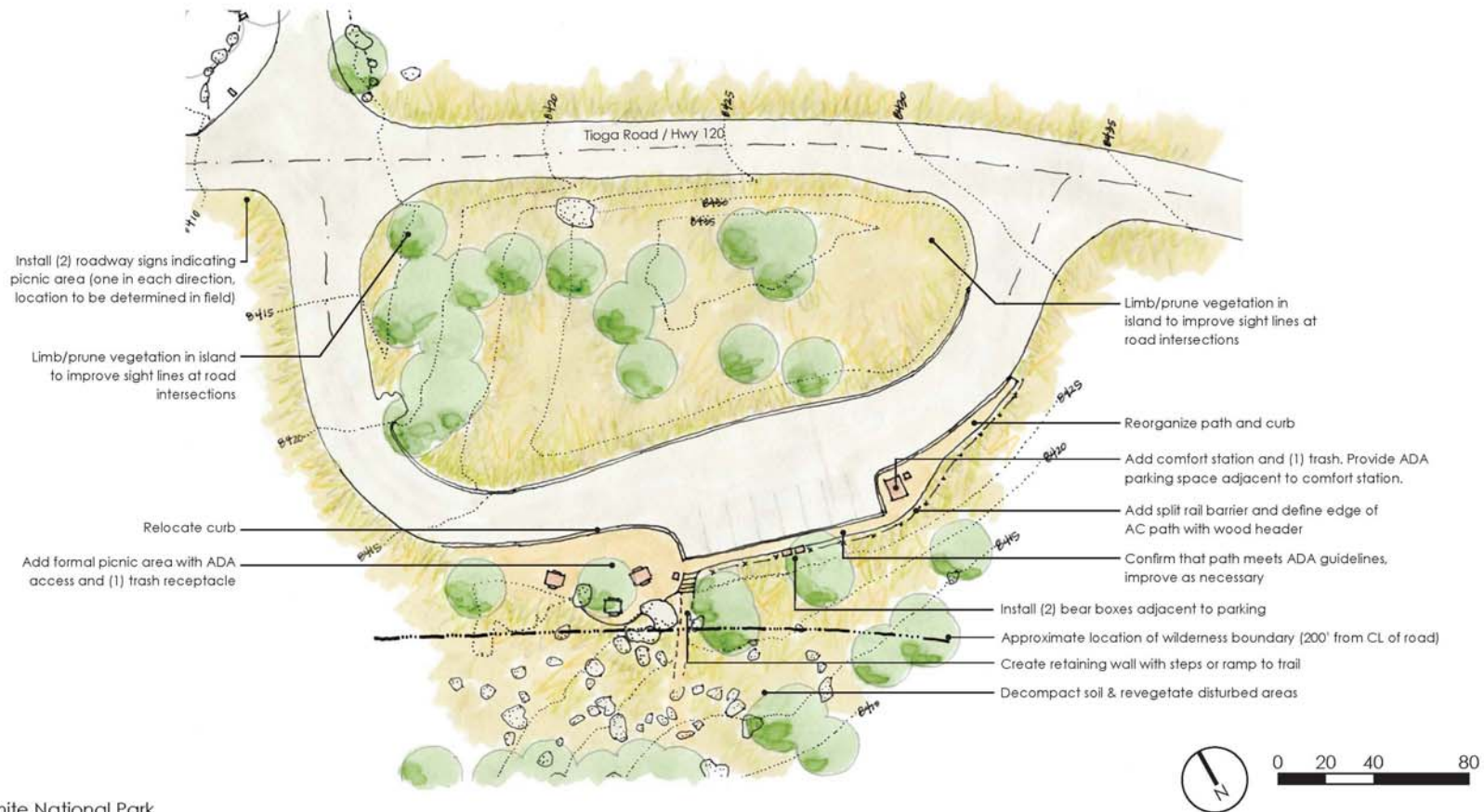
Yosemite National Park

Tioga Trailheads Project

The Yosemite Fund
Royston Hanamoto Alley & Abey

Design Concept - May Lake Turnoff

September 25, 2009



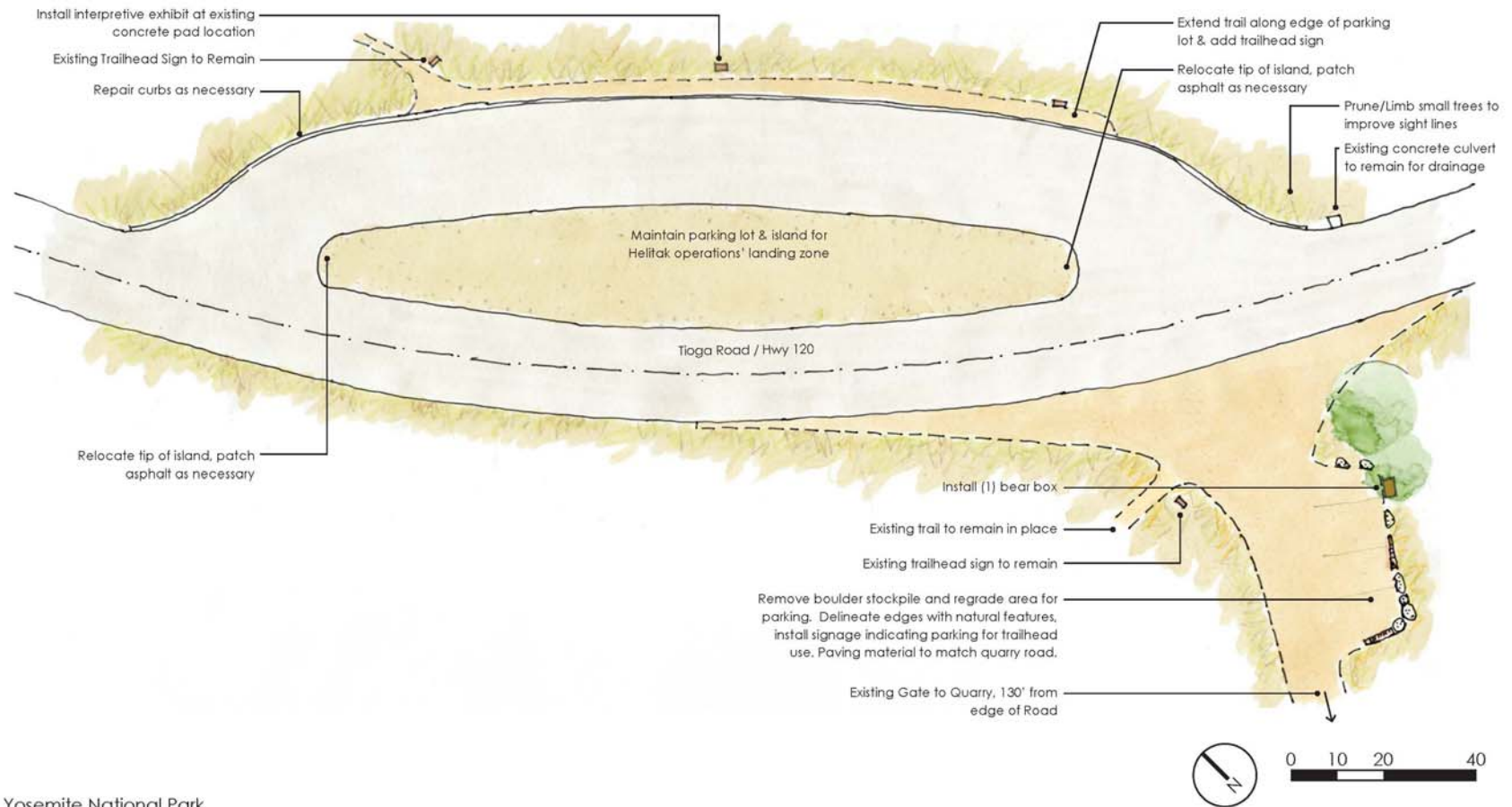
Yosemite National Park

Tioga Trailheads Project

The Yosemite Fund
Royston Hanamoto Alley & Abey

Design Concept - Weston Pond

September 25, 2009



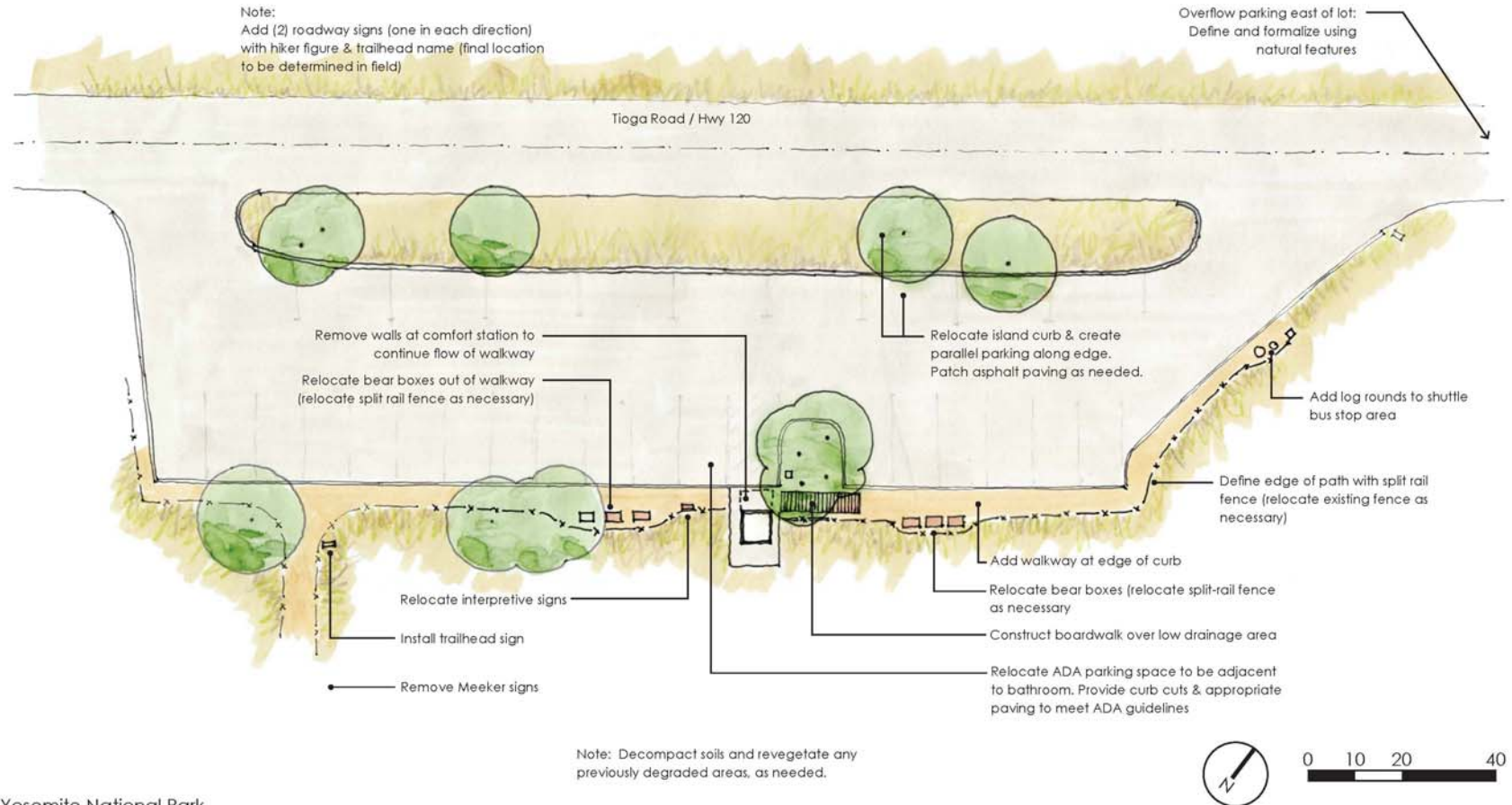
Yosemite National Park

Tioga Trailheads Project

The Yosemite Fund
Royston Hanamoto Alley & Abey

Design Concept - Snow Creek

September 25, 2009



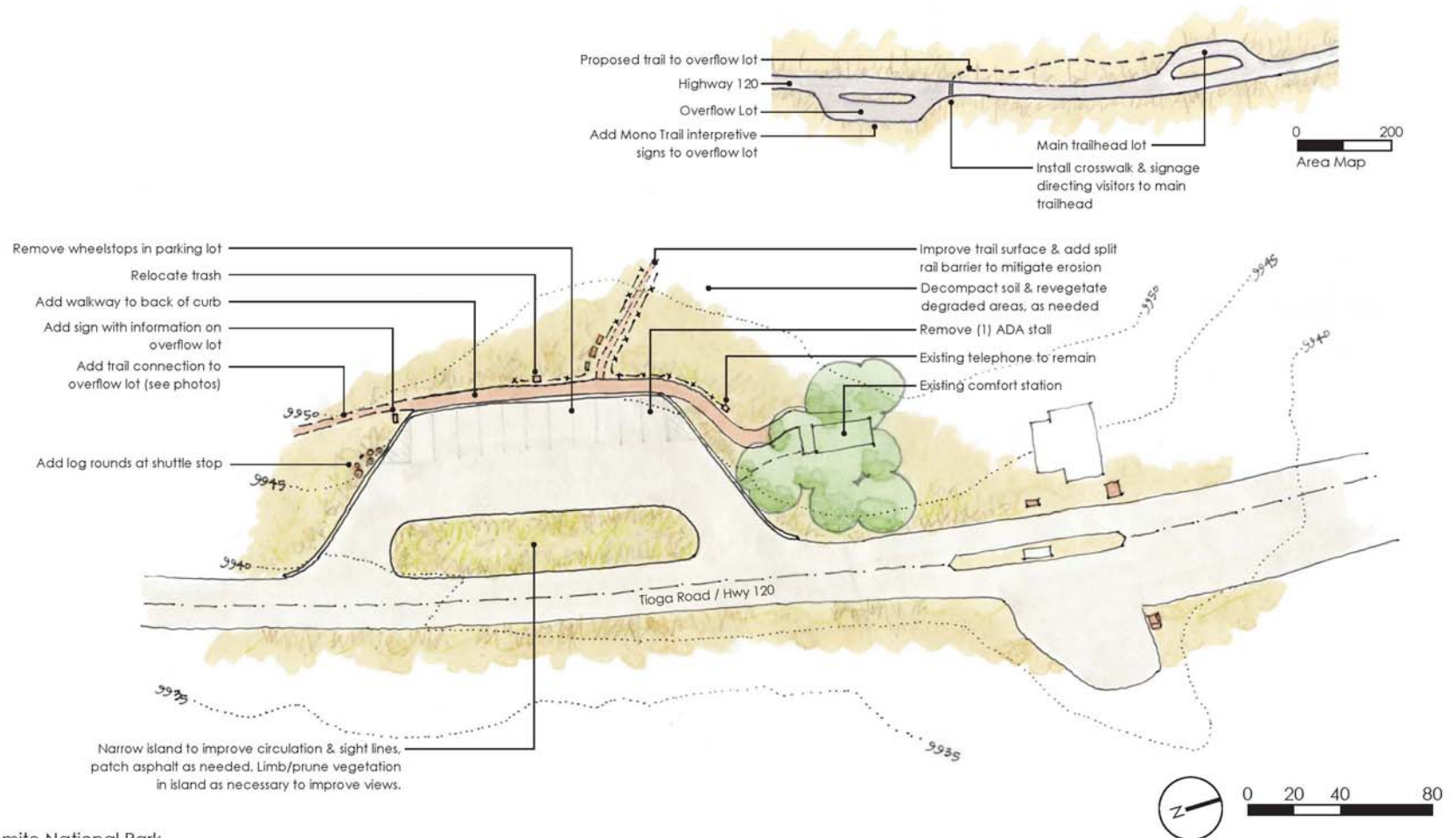
Yosemite National Park

Tioga Trailheads Project

The Yosemite Fund
Royston Hanamoto Alley & Abey

Design Concept - Mono Pass

September 25, 2009



Yosemite National Park

Tioga Trailheads Project

The Yosemite Fund
Royston Hanamoto Alley & Abey

Design Concept - Gaylor Lakes

September 25, 2009

**Yosemite National Park
Tioga Trailheads Project**

Actions Matrix
Date: September 24, 2009



Management Goals Common to All Trailheads	<p>Develop Trailhead Design Guidelines</p> <ul style="list-style-type: none">• Establish Tioga Road trailhead design guidelines consistent with historic and contemporary values <p>Protect Natural and Cultural Resources</p> <ul style="list-style-type: none">• Focus use and improve site delineation to minimize trampling and erosion• Restore impacted areas• Ensure proper storm water run-off to minimize erosion and mitigate impacts to surface water flow patterns• Provide for continued American Indian traditional and cultural practices• Protect archeological resources• Use best management practices to prevent introduction and spread of invasive species <p>Improve Visitor Safety</p> <ul style="list-style-type: none">• Ensure safe vehicular ingress and egress from trailhead parking areas• Alert drivers to the presence of trails and pedestrians crossing the road• Provide for safe pedestrian movement in trailhead area (i.e., staging areas, transitional walkways, etc.) <p>Improve Visitor Access</p> <ul style="list-style-type: none">• Clearly delineate trailhead area• Install and properly locate signs to alert drivers that a trailhead is ahead• Adhere to ADA regulations for visitor accessibility <p>Improve Visitor Enjoyment</p> <ul style="list-style-type: none">• Clearly delineate trailhead location• Improve wayfinding and signs (using international symbols and appropriate messaging)• Provide appropriate trailhead facilities
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Tamarack Flat

Protect Natural & Cultural Resources	Actions
Protect soils and vegetation	<ul style="list-style-type: none">• Use best management practices to prevent introduction of invasive species• Use naturalistic features such as downed logs and boulders to delineate a smaller area for automobiles (drawing)• Place boulders to prevent encroachment on large trees in middle of parking area• Re-duff using local materials and allow natural re-generation to areas beyond consolidated parking
Provide appropriate management of stormwater/drainage	Parking area remains mix of gravel and dirt
Restore Impacted Areas	Utilize passive restoration for reclaimed areas on southern edge of parking area
Improve Visitor Safety	
Automobile ingress/egress	Clear small trees and saplings on southwestern edge of parking area to improve sight-line for egress from parking area
Pedestrian Road Crossing	Install one, two-sided roadway sign at trailhead area alerting drivers of trailhead location
Improve Visitor Enjoyment	
Improve Wayfinding	<ul style="list-style-type: none">• Delineate trail and provide metal trail sign on south side• Install one two-sided roadway trailhead sign
Provide appropriate parking capacity	Provide for 3 vehicles and pull-out for 3 more or trailer (6 vehicles in total)

Lukens Lake

Protect Natural & Cultural Resources	Actions
Protect soils and vegetation	<ul style="list-style-type: none"> • Use best management practices to prevent introduction of invasive species • Clearly delineate visitor use/circulation area along parking lot with walkway • Install split-rail fencing along edge of new walkway • Repair lot curbing with cement • Revegetate parking island with drought resistant, low shrubs and boulders
Provide appropriate management of stormwater/drainage	Storm water run-off remains good
Protect wildlife	Move bear lockers to appropriate location and secure
Restore Impacted Areas	Restore previously disturbed areas after site delineation (decompact soil/revegetate)
Cultural Values	Mission 66 character remains evident
Improve Visitor Safety	
Pedestrian Road Crossing	<ul style="list-style-type: none"> • Install 2 yellow pedestrian crossing signs to alert drivers to trail and crossing ahead (1 eastbound and 1 westbound) • Paint crosswalk on road surface
Improve Visitor Access	
Accessibility	New infrastructure (staging area and comfort station) would meet ADA standards
Improve Visitor Enjoyment	
Improve Wayfinding	<ul style="list-style-type: none"> • Add two roadway trailhead notification signs (1 eastbound and 1 westbound) • New walkway, fencing, and signage provide visual queue for improved wayfinding • Re-route south-side trail to meet parking area at middle edge where comfort station, staging area and trash bin will be installed
Provide Staging Area	Construct small informal gathering and picnic area within existing footprint at middle edge of parking area
Provide Walkway	Construct walkway along length of parking area
Provide Comfort Station	Provide single stall composting toilet at middle edge of parking area within current footprint
Provide waste collection	Provide new trash bin
Provide appropriate parking capacity	<ul style="list-style-type: none"> • Provide for approx 15 vehicles at one time • Maintain pull-thru design to accommodate trailers
Support Shuttle Bus Use	Maintain current ability for hiker shuttle stop-on-demand

Yosemite Creek

Protect Natural & Cultural Resources	Actions
Protect soils and vegetation	<ul style="list-style-type: none"> • Use best management practices to prevent introduction of invasive species • Delineate walkway along parking area edge and install split-rail fencing • Repair / improve concrete curbing • Decompact and revegetate disturbed areas
Provide appropriate management of stormwater/drainage	Maintain current drainage
Protect wildlife	Rotate bear boxes for easier access, spread out along walkway in front of parking
Restore Impacted Areas	Restore previously disturbed areas after site delineation (decompact soil/revegetate)
Cultural Values	Maintain character
Improve Visitor Safety	
Automobile ingress/egress	<ul style="list-style-type: none"> • Remove tree/limbs for better sight-lines on median
Pedestrian Road Crossing	<ul style="list-style-type: none"> • Add crosswalk striping to road surface • Add 2 yellow pedestrian crossing signs in either direction
Improve Visitor Access	
Accessibility	Maintain existing and all new development (staging area) would be ADA compliant
Improve Visitor Enjoyment	
Improve Wayfinding	Add two advanced notification roadway trailhead signs (1 eastbound and 1 westbound)
Provide Information/interpretation	Provide small informational sign with map of area including nearby Yosemite Creek picnic site and interpretive message
Provide Staging Area	Provide staging area comprised of current boulders and additional log rounds
Provide Walkway	Add walkway along edge of parking area reclaiming a portion of the parking surface footprint (walkway utilizes DG and dirt surface)
Provide appropriate parking capacity	Maintain existing capacity providing for trailer access
Support Shuttle Bus Use	Provide boulders and log rounds for informal seating at shuttle stop area

Ten Lakes

Protect Natural & Cultural Resources	Actions
Protect soils and vegetation	<ul style="list-style-type: none"> • Use best management practices to prevent introduction of invasive species • Delineate eastern, roadside edge of parking area with logs and boulders
Provide appropriate management of stormwater/drainage	Grade and add gravel to parking surface where necessary
Protect wildlife	Move bear sign closer to bear boxes
Improve Visitor Safety	
Pedestrian Road Crossing	(Same as Yosemite Creek)
Improve Visitor Enjoyment	
Improve Wayfinding	(Same as Yosemite Creek)
Provide appropriate parking capacity	Maintain existing capacity
Support Shuttle Bus Use	Shuttle stop at Yosemite Creek side

Porcupine

Protect Natural & Cultural Resources	
Protect soils and vegetation	<ul style="list-style-type: none"> • Use best management practices to prevent introduction of invasive species • Delineate proper footpath and install split-rail fencing, restore damaged areas, • Utilize concrete curbing in new island
Provide appropriate management of stormwater/drainage	Ensure proper drainage in construction of footpath and revegetate
Restore Impacted Areas	<ul style="list-style-type: none"> • Decompect soils, revegetate, restore impacted social trails • Utilize upper portion of old campground road for parking
Cultural Values	Maintain current
Improve Visitor Safety	
Automobile ingress/egress	<ul style="list-style-type: none"> • Expand parking area and explore traffic engineering options to improve safety of ingress and egress • Add traffic island
Pedestrian Road Crossing	Sight lines sufficient to allow infrequent crossing from overflow area to main trailhead lot
Improve Visitor Access	
Accessibility	All new development would meet ADA regulations
Improve Visitor Enjoyment	
Improve Wayfinding	<ul style="list-style-type: none"> • Move roadside trailhead signs to provide more advanced notice • Add signs notifying visitors of overflow parking and trail access
Provide Information/interpretation	Maintain existing
Provide Staging Area	Provide log rounds in association with shuttle stop waiting area
Provide Walkway	Add walkway in front of parking area
Provide Comfort Station	Add one stall to existing restroom
Provide waste collection	Maintain existing
Provide appropriate parking capacity	<ul style="list-style-type: none"> • Expand parking area reclaiming upper portion of old, paved campground road as additional parking access with two toe-in, dirt parking areas below original parking area • Retain overflow, informal and naturally delineated parking along roadside north of trailhead
Support Shuttle Bus Use	Include shuttle stopping area (maintained near road not at lower level)

May Lake (Main trailhead and 120 turn-off)

Protect Natural & Cultural Resources	Actions
Protect soils and vegetation	<ul style="list-style-type: none"> • Use best management practices to prevent introduction of invasive species • Delineate parking area with naturalistic features such as downed logs and boulders, especially on western edge of lot near wetland
Provide appropriate management of stormwater/drainage	Re-grade parking area surface and improve drainage (maintain drainage at turn-off area)
Protect wildlife	Redistribute bear lockers throughout parking area
Restore Impacted Areas	Decompact and revegetate impacted areas
Cultural Values	<ul style="list-style-type: none"> • Old Wagon Road cultural value retained • Archeological site in vicinity of main trailhead would be protected and integrity maintained
Improve Visitor Safety	
Automobile ingress/egress	Move stock operations to back of current parking lot area to avoid visitor conflicts and congestion. Convert current stock operations area to visitor parking, expanding slightly between trees.
Improve Visitor Access	
Accessibility	Maintain existing and all new development would meet ADA standards.
Improve Visitor Enjoyment	
Improve Wayfinding	<ul style="list-style-type: none"> • Provide sign of area including turn-off and various trail entries. • Add sign for overflow parking at roadside near Snow Flat • Provide sign for trail connection at overflow parking area.
Provide Information/interpretation	Old Sierra Wagon Road wayside exhibit remains
Provide appropriate parking capacity	<p>Move stock operation to back area of parking lot.</p> <ul style="list-style-type: none"> • Remove one tree, one stump, and a boulder • Re-grade and resurface area with gravel • Add storage container, hitching post, and water trough • Re-route trail around stock staging area <p>Provide overflow parking along roadside near Snow Flat cabin area northward.</p> <ul style="list-style-type: none"> • Remove some small vegetation and saplings and delineate roadside parking with naturalistic features • Provide trail connection from formalized roadside overflow parking to existing trail from Snow Flat northbound to May Lake
Support Shuttle Bus Use	Continue to maintain sufficient space for informal stop-on-demand shuttle bus service in turn-off area

Weston Pond (Across road from May Lake turn-off)

Protect Natural & Cultural Resources	Actions
Protect soils and vegetation	<ul style="list-style-type: none"> • Use best management practices to prevent introduction of invasive species • Properly delineate walkway and picnic area. • Install split-rail fencing along walkway to channel foot traffic.
Provide appropriate management of stormwater/drainage	Maintain drainage
Restore Impacted Areas	Decompact and revegetate impacted areas
Improve Visitor Safety	
Automobile ingress/egress	Limb/prune shrub vegetation along island to improve site-lines for egress from parking area
Improve Visitor Access	
Accessibility	All new development would meet ADA standards.
Improve Visitor Enjoyment	
Improve Wayfinding	Provide roadside picnic sign
Provide Walkway	<ul style="list-style-type: none"> • Improve walkway along edge of parking area, replacing wood edge structure with concrete and 3-inch curb to downslope. • Provide steps to trail to Pond.
Provide Comfort Station	Provide single stall composting toilet at edge of parking area within current footprint
Provide waste collection	Provide new trash bin
Support Shuttle Bus Use	Maintain sufficient area for informal stop on demand shuttle stopping

Snow Creek

Protect Natural & Cultural Resources	Actions
Protect soils and vegetation	<ul style="list-style-type: none"> • Use best management practices to prevent introduction of invasive species • Fix parking area curbing
Provide appropriate management of stormwater/drainage	Provide for appropriate drainage
Protect vegetation	Use barriers to delineate parking area.
Protect wildlife	Provide one bear locker where appropriate and is unobtrusive
Cultural Values	Mission 66 character remains
Improve Visitor Safety	
Automobile ingress/egress	Clear saplings along north side, eastern entry to parking area to improve site-lines (photo)
Pedestrian Road Crossing	<ul style="list-style-type: none"> • Provide parking area on south side to avoid unnecessary pedestrian road crossings.
Landing Zone	Use of north lot as emergency landing zone for Helitack operations continues
Improve Visitor Enjoyment	
Improve Wayfinding	Extend trail along northern edge of main parking/pull-out area and add wooden trail sign
Provide Information/interpretation	Reinstall wayside exhibit on middle edge of north lot
Provide appropriate parking capacity	Add new parking area (4 vehicles) on south side near quarry entrance gate

Mono Pass

Protect Natural & Cultural Resources	Actions
Protect soils and vegetation	Use best management practices to prevent introduction of invasive species
Provide appropriate management of stormwater/drainage	Maintain existing
Protect wildlife	Rotate and move bear boxes to accommodate addition of walkway
Restore Impacted Areas	Restore previously disturbed areas after site delineation (decompact soil/revegetate)
Improve Visitor Access	
Accessibility	Consider location of ADA parking stall in relation to restroom and trailhead locations
Improve Visitor Enjoyment	
Improve Wayfinding	Add two advanced notice roadway trailhead signs (1 eastbound and 1 westbound)
Provide Information/interpretation	<ul style="list-style-type: none"> Remove interpretive Meeker signs, consolidate others near restroom Move new management sign to edge of fencing, right side along trail entry
Provide Walkway	<ul style="list-style-type: none"> Move bear lockers and push fencing back slightly to accommodate walkway along edge of parking area Remove western wall to restroom vestibule and door access Add boardwalk to connect eastern portion of walkway to comfort station
Provide appropriate parking capacity	<ul style="list-style-type: none"> Delineate overflow parking along roadside using naturalistic features. Overflow parking remains dirt surface and/or gravel Reduce size of parking area island by approximately 50%, removing 4 trees, adding stone wall, and add parallel parking alongside.
Support Shuttle Bus Use	Provide log rounds and boulders for seating at shuttle stop area

Gaylor Lakes East at Tioga Pass

Protect Natural & Cultural Resources	Actions
Protect soils and vegetation	<ul style="list-style-type: none"> • Use best management practices to prevent introduction of invasive species • Improve trail structure and drainage
Provide appropriate management of stormwater/drainage	Improve trail structure and drainage
Restore Impacted Areas	Delineate trail near sidewalk and decompact and revegetate impacted areas
Cultural Values	Maintain historic character and values consistent with entrance station
Improve Visitor Safety	
Automobile ingress/egress	<ul style="list-style-type: none"> • Minimize parking area island to improve vehicle movement, prune/limb vegetation and small trees for better sight –lines for vehicular ingress/egress • Reclaim portion of western edge of island for improved left-turn exit
Pedestrian Road Crossing	Paint crosswalk from Dana Meadow Pull-out to new trail connection
Improve Visitor Access	
Accessibility	<ul style="list-style-type: none"> • Remove one ADA parking stall • Lower ADA parking stall sign • Retain phone
Improve Visitor Enjoyment	
Improve Wayfinding	Provide new signs notifying visitors of overflow parking at Dana Meadow Pull-out
Provide Information/interpretation	Place Mono Trailhead interpretive signs at Dana Meadow Pull-out.
Provide Walkway	Extend dirt walkway along western edge of parking lot connecting to new trail segment leading to overflow parking at Dana Meadows Pull-out
Provide waste collection	Maintain existing
Provide appropriate parking capacity	<ul style="list-style-type: none"> • Use Dana Meadows pull-out for overflow, add trail and crosswalk to connect to main lot/trailhead • Narrow island in main lot
Support Shuttle Bus Use	Add log rounds and boulders for waiting area at shuttle stop



National Park Service
U.S. Department of the Interior

Yosemite National Park
Date: 12/02/2009

ASSESSMENT OF ACTIONS HAVING AN EFFECT ON CULTURAL RESOURCES

A. DESCRIPTION OF UNDERTAKING

1. Park: Yosemite National Park **Park District:** Tioga Road Corridor

2. Project Description:

a. Project Name: Tioga Trailheads Improvement

Date: December 2, 2009

PEPC project ID Number: 19651

3. Has the area of potential effects been surveyed to identify cultural resources?

☐ No

☒ Yes, Source or reference: Tioga Pass Historical District; Tioga Road Historic District

☐ Check here if no known cultural resources will be affected. (If this is because area has been disturbed, please explain or attach additional information to show the disturbance was so extensive as to preclude intact cultural deposits.)

4. Potentially Affected Resources:

Cultural landscapes affected?

Name and number(s): Tioga Road Entrance Historic District
NR status: 1 - Listed in Register and documented

Name and number(s): Tioga Road Historic District

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

☐ No 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)

☐ Yes 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

No 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. Measures to prevent or minimize loss or impairment of historic/prehistoric properties:
(Remember that setting, location, and use may be relevant.)

No Assessment of Effect mitigations identified.

7. Supporting Study Data:

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

8. Attachments:

☐ Maps ☐ Archeological survey, if applicable ☐ Drawings ☐ Specifications ☐ Photographs
☐ Scope of Work ☐ Site plan ☐ List of Materials ☐ Samples ☐ Other:

Prepared by: Renea Kennec **Date:** December 2, 2009 **Title:** Environmental Protection Specialist **Telephone:** 209-379-1038

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:

☒ Archeologist
Name: Sonny Montague
Date: 11/19/2009
Comments:

Check if project does not involve ground disturbance ☐
Assessment of Effect: X No Historic Properties Affected No Adverse Effect Adverse Effect Streamlined Review
Recommendations for conditions or stipulations:

☒ Historical Architect
Name: Sueann Brown
Date: 11/25/2009
Comments:

Check if project does not involve ground disturbance ☐
Assessment of Effect: No Historic Properties Affected X No Adverse Effect Adverse

Effect ☐ Streamlined Review

Recommendations for conditions or stipulations:

Doc Method: Park Specific Programmatic Agreement

☒ Anthropologist

Name: Jeannette Simons

Date: 12/01/2009

Comments: American Indian Liaison. The APE is within areas considered to be of American Indian cultural significance, the project will not impact traditional cultural resources.

Check if project does not involve ground disturbance ☐

Assessment of Effect: ☒ No Historic Properties Affected ☐ No Adverse Effect ☐ Adverse Effect ☐ Streamlined Review

Recommendations for conditions or stipulations:

☒ Historical Landscape Architect

Name: David Humphrey

Date: 11/10/2009

Comments:

Check if project does not involve ground disturbance ☐

Assessment of Effect: ☐ No Historic Properties Affected ☒ No Adverse Effect ☐ Adverse Effect ☐ Streamlined Review

Recommendations for conditions or stipulations:

Doc Method: Park Specific Programmatic Agreement

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

C. PARK SECTION 106 COORDINATOR'S REVIEW AND RECOMMENDATIONS

1. Assessment of Effect:

☐ No Historic Properties Affected ☒ No Adverse Effect ☐ Adverse Effect

2. Compliance requirements:

☐ 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 PA

☐ E. COMPLIANCE REQUIREMENTS SATISFIED BY USE OF NEPA

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

☐ F. No Potential to Cause Effects [800.3(a)(1)]

☐ G. STIPULATIONS/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.

Recommended by Park Section 106 coordinator:

Signature of Historic Preservation Officer //Jeannette Simons//

Date: 12/10/09

D. 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.

Signature of Acting Superintendent //Luis Shram// (acting)

Date: 1/8/10

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