



NPS Photo/J.Wei

National Park Service February 2022

Project Overview

The focus of the Disaster Recovery Project is the repair, replacement, removal or relocation of the facilities and functions that were damaged at Uēkahuna by the 2018 eruption. The project also addresses continued and potential future use of the area that has important geologic, natural, and cultural significance, and is considered by Native Hawaiians and other groups as a sacred area. This presentation provides an overview of the proposed facilities and site improvements.

NPS will be accepting public comments from **February 9, 2022** to **March 11, 2022**. Comments can be submitted through the Planning, Environment, and Public Comment (PEPC) website at the link below. Additional information on the project components and a full list of actions are available on the PEPC site.

www.parkplanning.nps.gov/HAVODisasterRecovery

See the "**Ways to Comment**" section at the end of this document for more details on how you can submit comments.



The elements of the Disaster Recovery Project all occur within the Summit Area of Hawai'i Volcanoes National Park and include:

1. Demolishing the damaged facilities and repairing visitor use amenities at Uēkahuna
2. Replacing the HVO research facilities with a new field station next to the Kilauea Military Camp (KMC)
3. Replacing the visitor center function with a new building next to the Kilauea Visitor Center (KVC)
4. Realigning Crater Rim Drive at the park entrance to improve visitor safety



USGS Photo - Halema'uma'u crater Before & After – November 28, 2008 (left); August 1, 2018 (right)



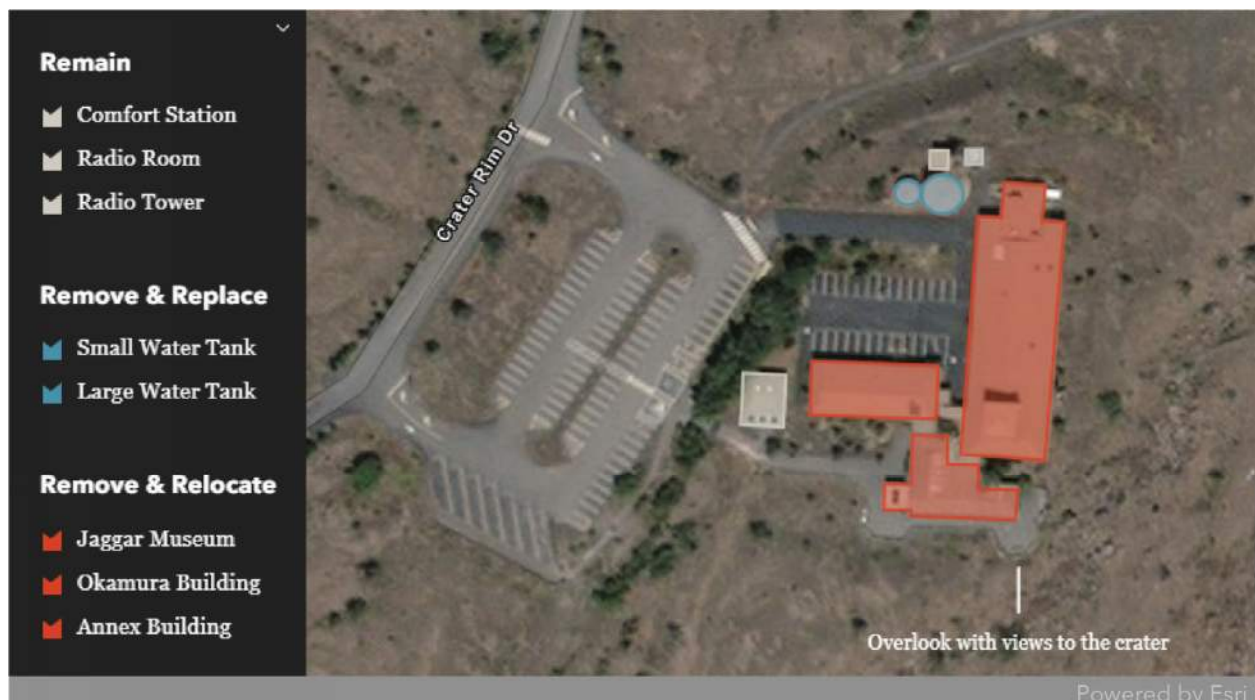
Uēkahuna



NPS Photo/J.Wei - Panoramic view from Uēkahuna looking west towards former Jaggar Museum site (Okamura building on the right)

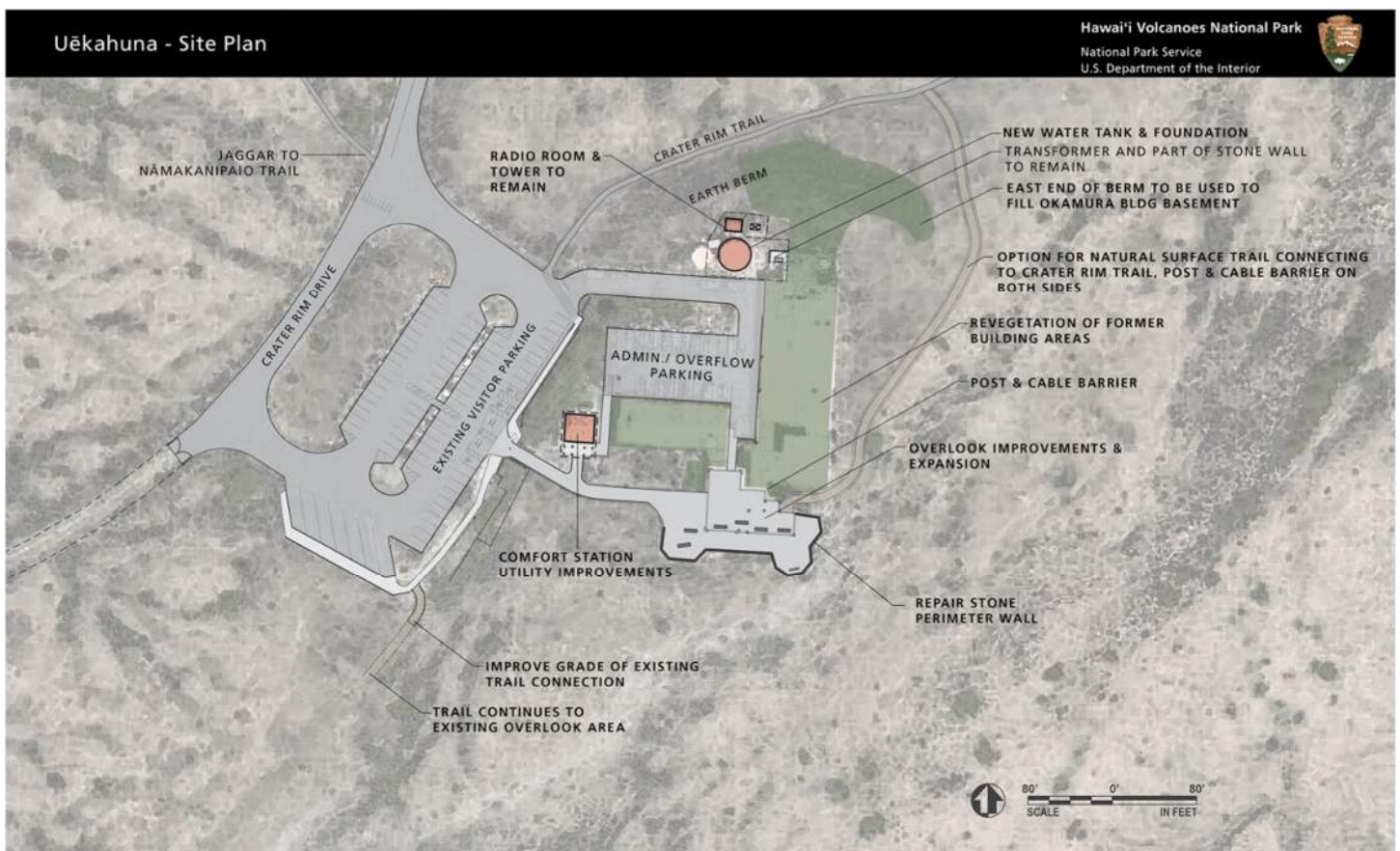
The facilities affected by the 2018 event include the Reginald T. Okamura (Okamura) building and the adjacent Geochemistry Annex (Annex) building - both operated by the U.S. Geological Survey-Hawaiian Volcano Observatory (HVO) as research facilities, and the historic Jaggar Museum - operated by NPS as a visitor center.

These facilities would be removed and the amount of infrastructure at the bluff would be reduced. The remaining visitor amenities and utilities would be repaired and improved.





Existing Facilities at Uēkahuna

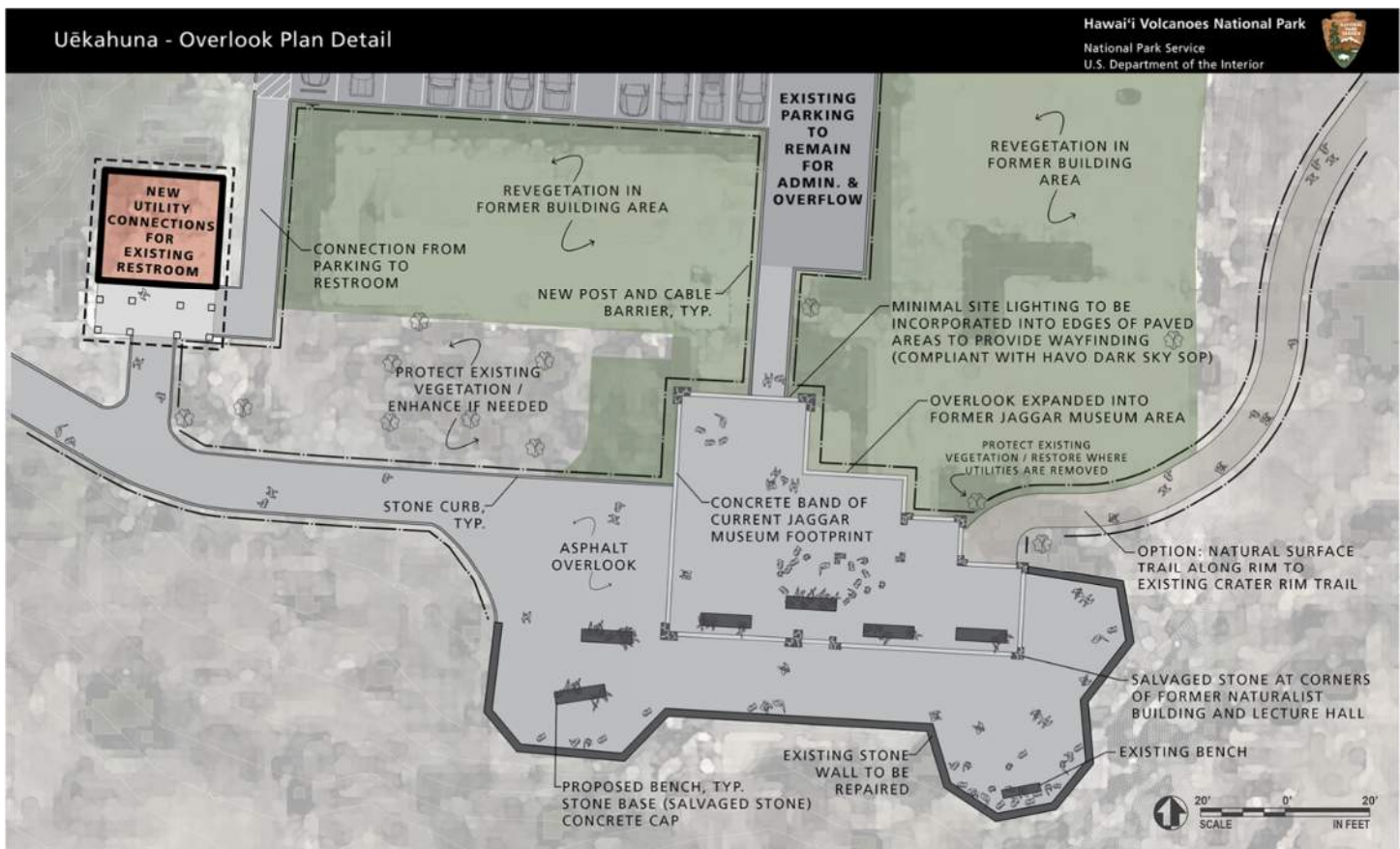


Site Plan



Project Elements:

- Remove Okamura building, Geochemistry Annex building, and Jaggar Museum
- Revegetate majority of building footprints with native plants
- Improve utility connections to existing comfort station
- Replace deteriorated water tank
- Repair and improve overlook
- Repair overlook stone perimeter wall
- Construct natural surface trail to connect to Crater Rim Trail
- Install new post and cable barrier around visitor use areas



Plan Detail of Overlook

Overlook Repair & Improvements

- Incorporate historical reference to the Jaggar Museum, with building footprint delineated on the ground plane with stone salvaged from the building
- Retain and repair the overlook wall
- Expand the overlook area into the Jaggar Museum footprint
- Add large benches to serve as both seating and the opportunity for elevated viewing; incorporate salvaged stone from the Jaggar Museum
- Use post and cable barrier to delineate the limits of the overlook area



View from Volcano House Overlook

The before and after images below show how the view of Uēkahuna bluff is anticipated to change under proposed conditions.

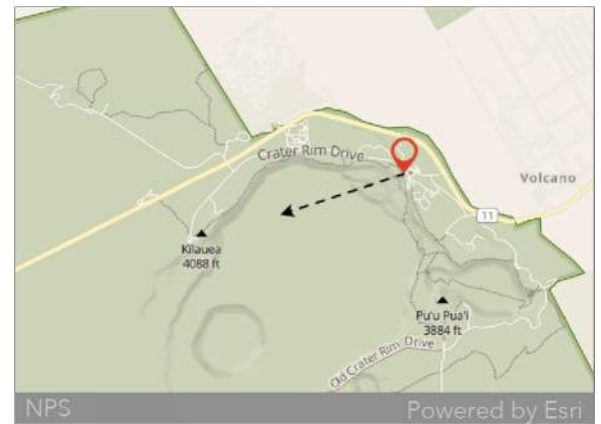


Photo location and view direction



Before



After



View from Crater Rim Trail

The before and after images below show how the view of Uēkahuna is anticipated to change under proposed conditions.



Photo location and view direction



Before



After



USGS Field Station



The USGS research facilities would be relocated to a site adjacent to the Kilauea Military Camp (KMC). The new building would be nestled in among an existing grove of trees, between the KMC and an open grass area. This open area includes a historic ball field that becomes overflow parking during peak visitation.



Tree grove at proposed field station site, viewed from existing gravel drive (open, ball field area in the background on the left)



Site Plan

Due to the compact site, the building is two stories high, with on grade parking wrapped around the north and east sides of the building. The building and parking area were carefully located to minimize loss of existing koa and 'ōhi'a trees on site. Most of the parking and loading area is directly adjacent to the KMC building service yard.

Project Elements

- Minimize physical and visual impact to adjacent ball field
- Minimize impact to existing trees and use existing trees to help new building blend into the landscape
- Build modern research facility that is compatible with the architectural character of other park buildings



Building Exterior

View from Access Road



Oversized window of the conference room on second floor (center), covered walkway and main entrance (right)

View from Entry



The form of the building is derived from a prototypical gable building that is split into two halves – one side for administrative offices, and the other side for the research laboratories and lab support functions.



View from Kilauea Military Camp

The before and after images below show how the view is anticipated to change under proposed conditions.

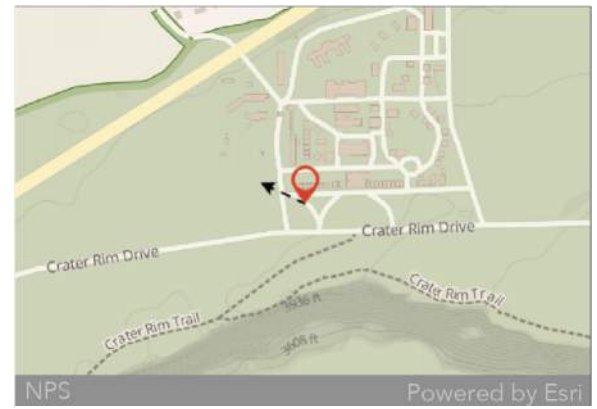


Photo location and view direction



Before



After



Visitor Center

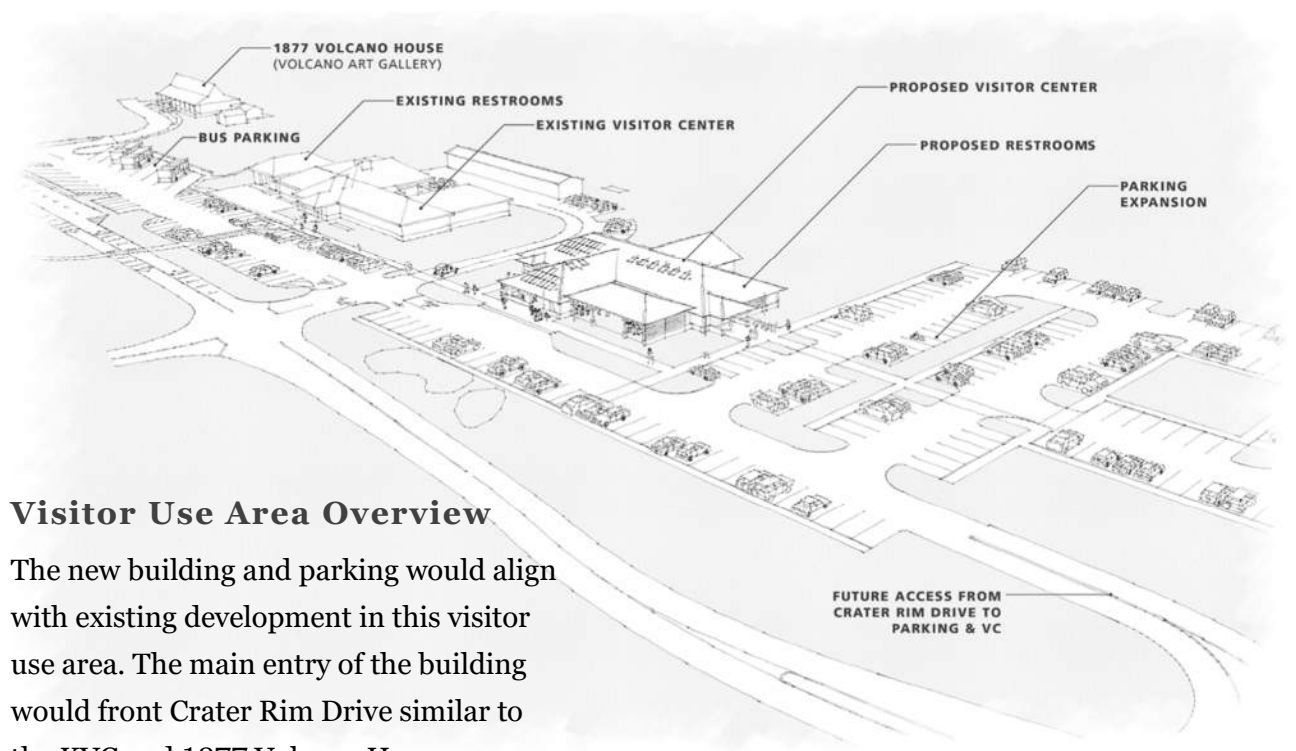


The new visitor center building to replace the loss of the Jaggar Museum would be located next to the existing KVC/headquarters building and near other visitor destinations. The existing building currently serves as the park headquarters. A portion of the building is also used for a bookstore and visitor center, and the auditorium is used for visitor orientation. Upon construction of the new visitor center, the KVC would continue to serve as the park headquarters. The visitor use portion would be adaptively reused to provide a space for indoor park programs, special events, and K-12 educational programming.

The proposed development would use a portion of existing visitor parking and forested area with the building closest to the KVC and expanded parking around the east and south sides.



Existing parking at KVC and proposed location for new building, view from entrance drive on Crater Rim Drive



Visitor Use Area Overview

The new building and parking would align with existing development in this visitor use area. The main entry of the building would front Crater Rim Drive similar to the KVC and 1877 Volcano House.

Visitor Center - Site Plan

Hawai'i Volcanoes National Park
National Park Service
U.S. Department of the Interior



Site Plan

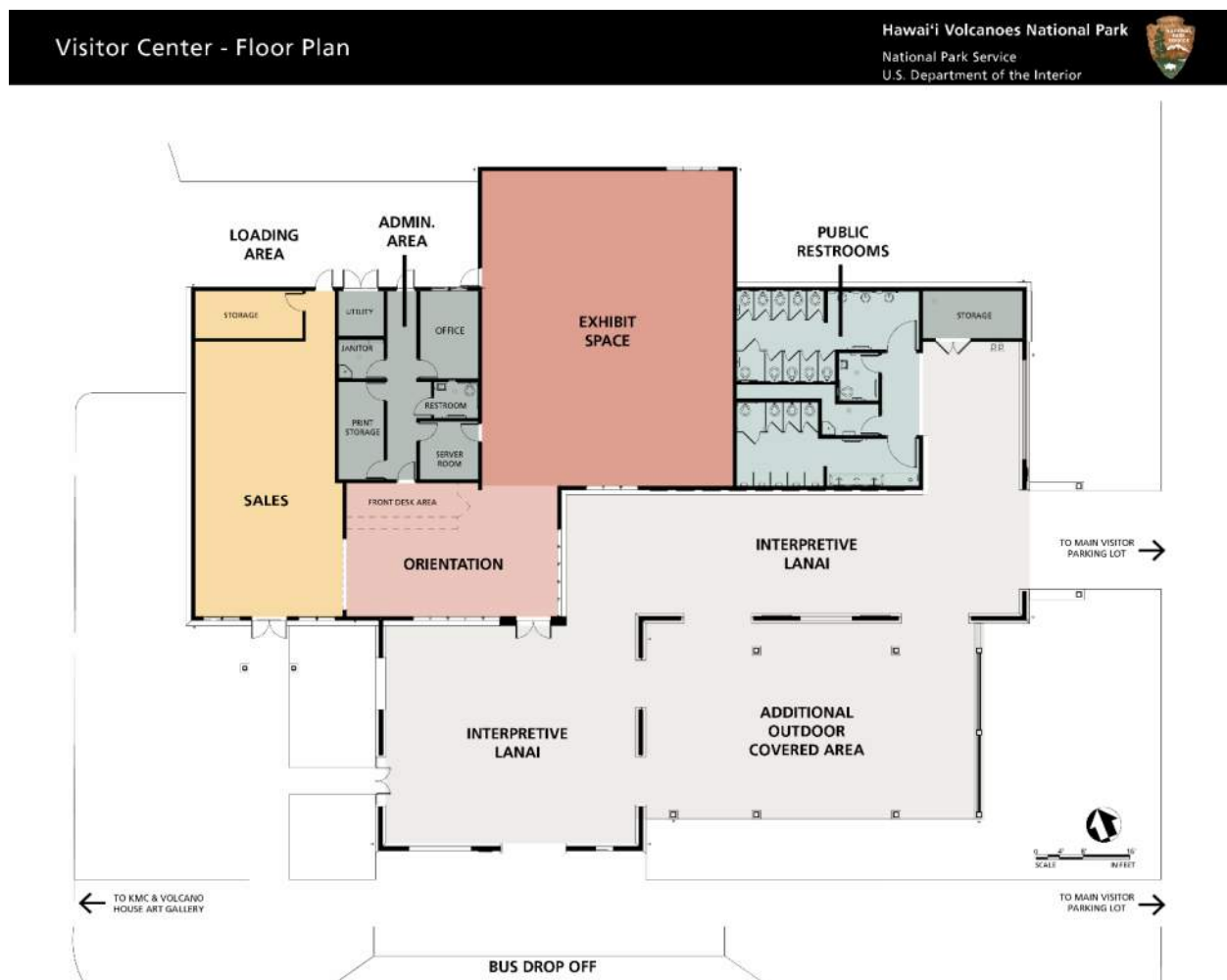


Project Elements

- Build new visitor center building that is compatible with surrounding historic landscape, locate building near KVC/headquarters building
- Expand visitor parking
- Provide covered outdoor area for orientation, exhibits, and gathering space
- Minimize impacts to site resources as much as possible

Visitor Center Floor Plan

The interpretive lanai is intended to act as an outdoor extension of the visitor center where visitors can get the information necessary for planning their visit and learn about the park resource without having to enter the building. This allows for a smaller indoor space as well as orientation and interpretation that is available 24/7. This outdoor area would also serve as covered programmatic space for ranger programs and cultural demonstrations.



Floor Plan



Building Exterior

View of Front Entry



Sales area entrance can be seen on the left, main entrance in the middle, and access to restrooms on the far right

View of Entry from Visitor Parking Expansion



Additional outdoor covered area on the left, access to restrooms to the right



View from Crater Rim Drive

(at intersection)

The before and after images below show how the view along Crater Rim Drive is anticipated to change under proposed conditions.



Photo location and view direction



Before



After



View from Crater Rim Drive

(looking toward park entrance)

The before and after images below show how the view along Crater Rim Drive is anticipated to change under proposed conditions.

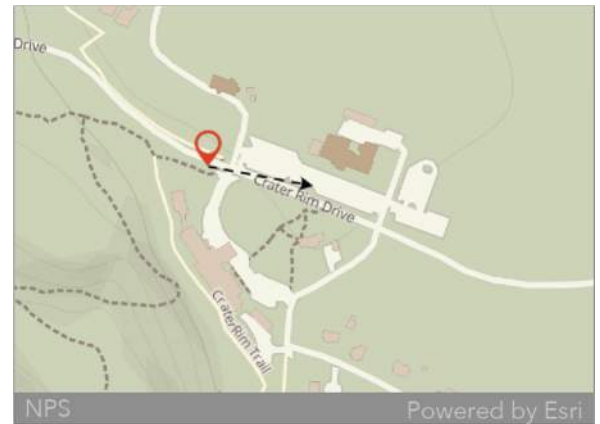


Photo location and view direction



Before



After



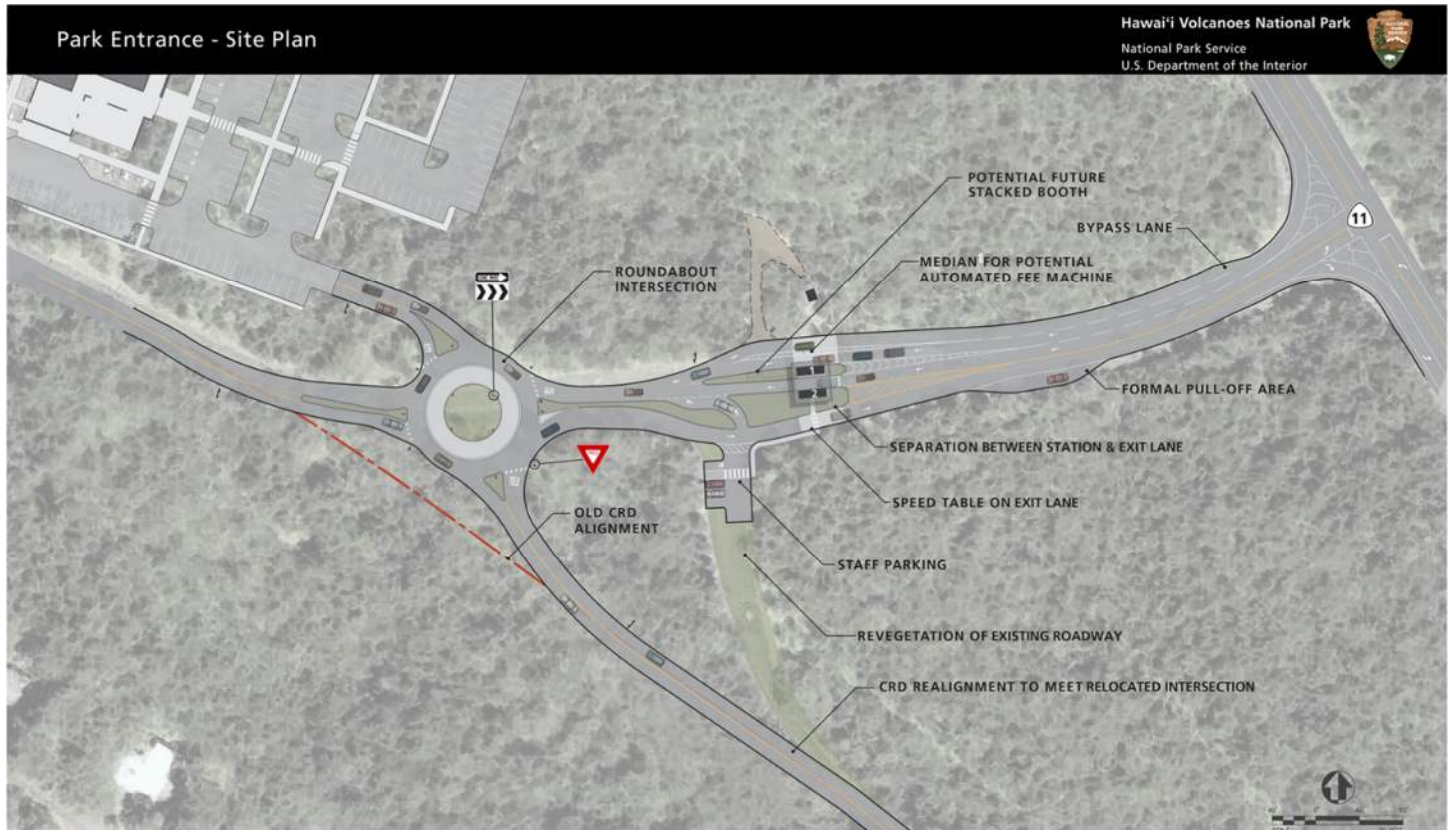
Park Entrance



Increases in visitation over the past decade and changes to circulation due to past eruptions have led to traffic congestion problems that pose collision hazards for motorists and pedestrians, starting at the turn onto the park entrance roadway from State Highway 11 and continuing through the entrance station to the main visitor center area. The entrance station is located on Crater Rim Drive (CRD), approximately 500' from the intersection with State Highway 11.



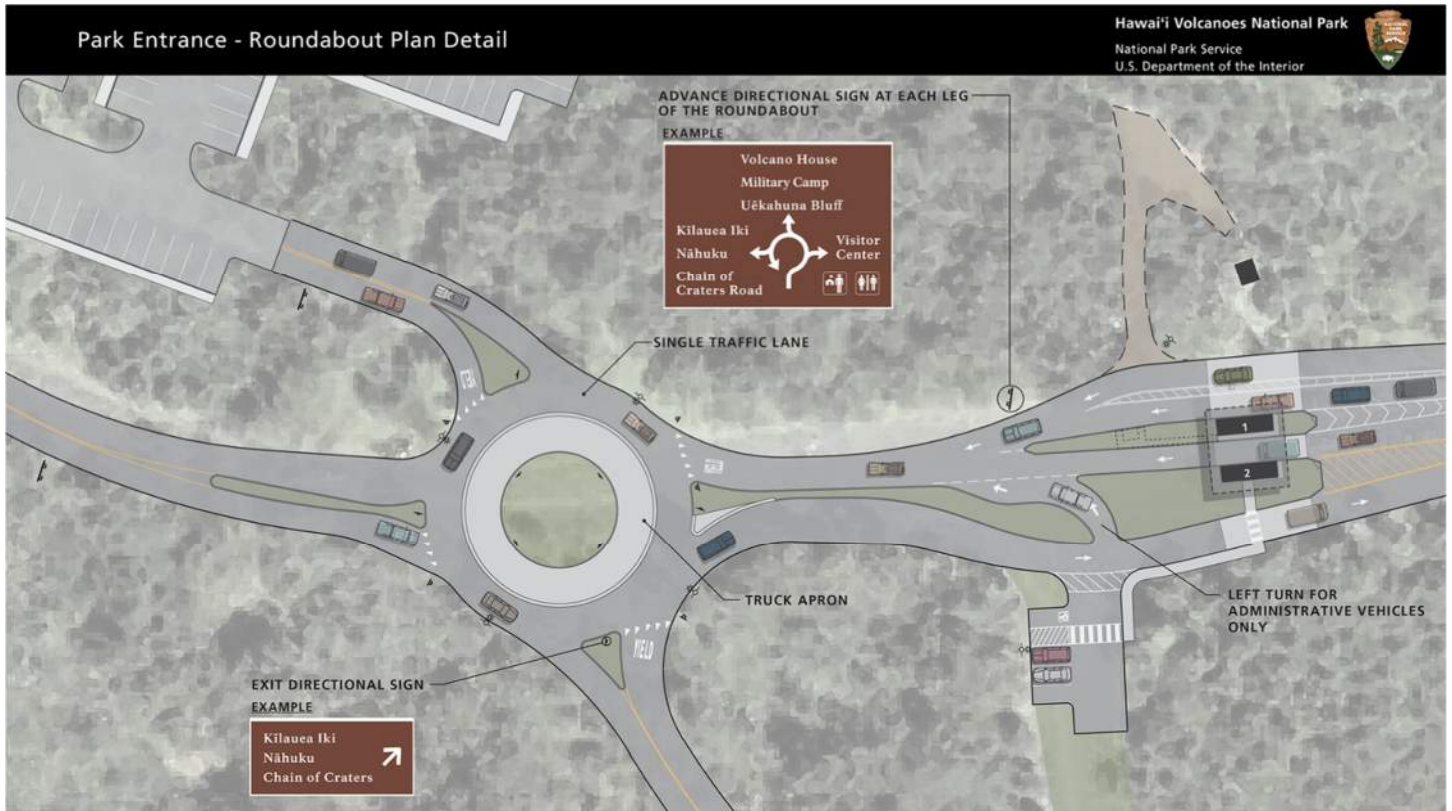
Existing conditions along Crater Rim Drive. The park road is lined with dense forest vegetation.



Site Plan

Project Elements

- Relocate CRD intersection and convert to roundabout
- Realign CRD from roundabout toward Chain of Craters. Follow old CRD alignment as much as possible
- Add (1) entrance lane as an administrative bypass
- Add formal exit pull-off area
- Relocate staff parking within existing road footprint - (1) accessible stall and (3) standard stalls
- Add accessible route from staff parking to entrance station
- Separate exit lane from entrance station
- Remove existing section of CRD and revegetate with native plants



Plan Detail of Roundabout Intersection

Entrance Road

View Toward Entrance Station



Proposed formal pull-off area on the left and proposed administrative bypass lane on the right

Park Entrance



Roundabout Intersection

View Toward Entrance Station



Road to Chain of Craters on the right and road to new visitor center on the left



View from Roundabout

The before and after images below show how the view along Crater Rim Drive is anticipated to change under proposed conditions.



Photo location and view direction



Before



After



Ways to Comment

It is important that we hear from you!

We will be accepting comments from

February 9, 2022 to March 11, 2022.

Comment Online

Submit your comments via our Planning, Environment, and Public Comment (PEPC) website using the link below. You will also find additional information on the project components and a full list of actions.

<https://parkplanning.nps.gov/HAVODisasterRecovery>



Comment by Phone

Call us. We have a phone line dedicated to receiving your comments on this project. You can leave a detailed message or request that someone call you back.

808.460.6212

Attend a Virtual Meeting

We will be hosting two virtual public meetings on **February 24, 2022 from 12:00PM-1:00PM HST and 6:00PM-7:00PM HST**. The virtual meetings will provide an opportunity for the public to learn more about the project, have discussions with park staff, and provide comments. There will be a presentation at the top of the hour of each meeting. Use the links below to join the meetings online or join by phone using the toll-free number and meeting ID.

February 24, 2022 12:00PM-1:00PM HST

Join the online meeting:

<https://swca.zoom.us/j/91430664015>

Join by phone:

(888) 475-4499 US Toll-free

Meeting ID: 914 3066 4015

February 24, 2022 6:00PM-7:00PM HST

Join the online meeting:

<https://swca.zoom.us/j/97252271515>

Join by phone:

(888) 475-4499 US Toll-free

Meeting ID: 972 5227 1515

Comments will not be accepted by fax, e-mail, or any other way than those specified above. Bulk comments in any format (hard copy or electronic) submitted on behalf of others will not be accepted. Before including your address, phone number, e-mail address, or other personal identifying information in your comment, you should be aware that your entire comment, including your personal identifying information, may be made publicly available at any time. While you can ask us to withhold your personal identifying information from public review, we cannot guarantee that we will be able to do so.



Mahalo!



NPS Photo/J.Wei - Full moon over Halema'uma'u crater, views of eruption during a clear night

Visit the park website to learn more about Hawai'i Volcanoes National Park
<https://www.nps.gov/havo/index.htm>