BEAR LAKE
MARINA EXPANSION

WELCOME

Bear Lake Marina Expansion

Public Open House

November 16, 2022

SCAN ME

to visit the Bear Lake Marina Expansion project website

BEAR LAKE

MARINA EXPANSION

Purpose, Need, and History

In 2005, the Utah Division of State Parks and Recreation developed the Bear Lake State Park Resource Management Plan. This plan identified the need for expansion of the Bear Lake State Park Marina, citing the need for Improved Lake Access, Protection of Water Resources, Improved Safety, and Expanded Capacity.

In 2016, a Programming Study was developed to identify the scope and cost of a Marina Expansion.

In 2022, the State of Utah approved funding for the Marina Expansion project.

While the Programming Study identified a preliminary Location and Concept Design for the Marina, the Project Team must now complete an Environmental Review and Permitting Process to determine the appropriate location and scope of the project to minimize impacts and obtain applicable permits for construction.

We have invited you here today to share the current project status, the evaluation process that we're following, and the next steps to make this concept a reality!

Improved Lake Access

The current marina does not adequately support boat launches when water levels are low. An additional boat ramp is needed for future recreational access. The expanded area of the marina will be deeper than the existing marina to accommodate larger boats and all water conditions.

Safety

Recent re-configurations of the existing marina entrance and exit have improved conditions, but any marina expansion work will necessitate future traffic studies. An expanded marina will provide emergency services with quicker access to the lake and boaters with a quicker evacuation method in the event of sudden inclement weather.

Protection of the Water Resource

Busy days on the lake lead some boaters to launch their watercraft outside the marina; in turn, they forgo important inspections for invasive species that may affect the biology of the lake. Improved access will lead to proper inspection.

Increased Capacity

Increased visitation over the past several years requires additional boat slips and parking for vehicles and boat trailers.

BEAR LAKE

MARINA EXPANSION

Project Scope

Map Legend

1. Boat Ramp
2. Turning Basin
3. Fairways
4. Waste Removal
5. Dock/Slips and Pier Anchor System
6. Dike/Embankment Design/Stabilization
7. Crane Pad and Retaining Wall
8. Mast Lift
9. Beach Development/Nourishment
10. Restroom/Picnic Facilities
11. Concessionaire Building
12. Fueling Station
13. Additional Parking
14. Entrance Booth/Fee Station
15. Dry Storage Parking Improvements

Note: West Beach South Marina site shown here to demonstrate potential site amenities and project scope. This may not be the preferred site after final evaluation.

The anticipated scope of the Marina Expansion will roughly double the size of the existing Marina.

The number of currently available boat rental slips is expected to double.

A new boat ramp will be constructed with approximately 7 lanes.

The new Marina is anticipated to be deeper than the existing Marina to allow boat ramp and general Marina use in lower water conditions.

BEAR LAKE
MARINA EXPANSION

Environmental Permitting / Concept Analysis

An environmental clearance and permitting process, administered by the United States Army Corps of Engineers (USACE), must be completed as part of the project. We are considering the following criteria in order to determine the least environmentally impactful location:

1. **Environmental Impacts**
2. **Constructability/Feasibility**
3. **Operations/Maintenance**
4. **Accessibility**
5. **Cost**

Using these criteria, we have identified 4 Concept Locations that fall within existing State Lands on Bear Lake:

BEAR LAKE

MARINA EXPANSION

Concept Comparison

Preferred Sites	Environmental Impact	Constructability	Operations/Maintenance	Accessibility	Cost
West Beach North	• Minor wetland impacts • Moderate open water impacts	• Optimal depth • Existing utility connections available • Existing highway access is established (may require improvement) • Existing material sources at west side of lake • Existing riprap can be reused on site	• Existing marina operations/management • Existing public safety operations • Existing fee collections operations (no additional needed) • Existing overflow parking available on west side of highway • Existing highway and trail access to site	• Existing access from US-89 could be utilized or modified as needed for expansion • Existing trail from Garden City to marina location • Existing pedestrian access and crosswalk from overflow parking • Close to Garden City, local lodging, and services	**$** • Comparable to Base Concept
West Beach South	• Moderate open water impacts • Significant wetland impacts	• Optimal depth for dredging and dike construction • Existing utility connections available • Existing highway access is established (may require further improvement) • Existing material sources are located on west side of lake • Existing riprap can be reused on site	• Existing marina operations/management located here • Existing public safety operations based here • Existing fee collections operations (no additional needed) • Existing overflow parking available on west side of highway • Existing highway and trail access to site	• Existing access from US-89 could be utilized or modified as needed for expansion • Existing trail from Garden City to marina location • Existing pedestrian access and crosswalk from overflow parking • Close proximity to Garden City, local lodging, and services	**$** • Base Concept
Rendezvous Beach	• Moderate wetland impacts • Significant open water impacts	• Optimal depth for dredging and dike construction • Existing material sources are located closer • Existing utility connections available • Highway access must be established or improved • Additional channel must be dredged outside marina to allow access at low water • All riprap must be imported	• Some existing State Park operations, additional marina operations would need to be established • Additional overflow parking needed, or site could impact existing parking for beach/campground • New highway access or modification would be necessary to accommodate marina • Additional public safety operations needed • Fee collection operations may need to be added or modified for marina addition • Dredged channel at marina opening would require significant long-term maintenance, or would not allow boat passage at low water • Exposed location at south end of lake would see increased wave action and potential dike erosion over time	• Existing access from US-89 could be utilized or modified as needed for expansion • Moderate proximity to Garden City, local lodging, and services • No current trail connections (future planned)	**$$** • Moderately higher than Base Concept
Rainbow Cove	• No wetland impacts • Moderate open water impacts	• Numerous conflicts with current construction of State Park Campground, which would require significant relocation of facilities • Depth of lake makes dike construction challenging • Slope of existing site requires significant grading and wall construction • No existing utility connections available • Existing highway access must be established or improved • Existing material sources are located on opposite side of Lake • All riprap must be imported	• Very limited State Park operations located here. • Additional marina operations would need to be established • Exposed location on east side of lake would see increased wave action and potential dike erosion over time • Additional public safety operations must be established • Fee collection operations would need to be added for marina addition • Additional overflow parking would need to be established • New roadway access or modification to existing would be necessary to accommodate marina	• Access from Cisco Rd would need to be modified and improved • No current trail connections • Further proximity to Garden City, local lodging, and services	**$$$** • Significantly higher than Base Concept

Challenge Neutral Opportunity

BEAR LAKE

MARINA EXPANSION

West Beach North Concept

KEY MAP

A. WEST BEACH NORTH
B. WEST BEACH SOUTH
C. RENDEZVOUS
D. RAINBOW COVE

SITE SUMMARY

LARGE BOAT SLIPS	116
MEDIUM BOAT SLIPS	212
SMALL BOAT SLIPS	92
TOTAL TRAILER PARKING	68
TOTAL CAR PARKING	404

LEGEND

PERMANENT IMPACT
TEMPORARY IMPACT

ALL VERTICAL DATA IS SHOWN IN THE NAVD88 DATUM

KEYNOTE LIST

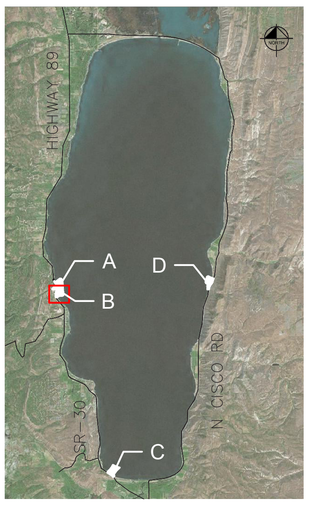
1. 7 LANE BOAT RAMP
2. CONCESSIONAIRE BUILDING
3. BOAT CRANE PAD
4. FEE STATION
5. RESTROOMS
6. PAVILION
7. BEACH AREA
8. INSPECTION AND DECONTAMINATION AREA
9. QUEUING LANES
10. BOAT PREP LANES
11. BOAT WIPE-DOWN LANES

BEAR LAKE

MARINA EXPANSION

West Beach South Concept

KEY MAP



A. WEST BEACH NORTH
B. WEST BEACH SOUTH
C. RENDEZVOUS
D. RAINBOW COVE

EXISTING MARINA

ELEV: 5934.39'

ELEV: 5900.89'

HWY 89 (BEAR LAKE BLVD)

SITE SUMMARY

LARGE BOAT SLIPS	90
MEDIUM BOAT SLIPS	144
SMALL BOAT SLIPS	106
TOTAL TRAILER PARKING	73
TOTAL CAR PARKING	412

LEGEND

PERMANENT IMPACT

TEMPORARY IMPACT

ALL VERTICAL DATA IS SHOWN IN THE NAVD88 DATUM

KEYNOTE LIST

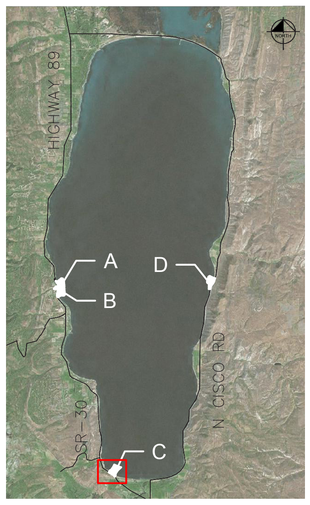
1. 7 LANE BOAT RAMP
2. CONCESSIONAIRE BUILDING
3. BOAT CRANE PAD
4. FEE STATION
5. RESTROOMS
6. PAVILION
7. BEACH AREA
8. INSPECTION AND DECONTAMINATION AREA
9. QUEUING LANES
10. BOAT PREP LANES
11. BOAT WIPE-DOWN LANES
12. RENTAL SLIPS
13. SLIPS WITH UTILITIES

BEAR LAKE

MARINA EXPANSION

Rendezvous Beach Concept

KEY MAP



A. WEST BEACH NORTH
B. WEST BEACH SOUTH
C. RENDEZVOUS
D. RAINBOW COVE

MARINA OPENINGS (DREDGE AREA)

ELEV: 5900.89'

ELEV: 5934.39'

ELEV: 5900.89'

ELEV: 5934.39'

ELEV: 5934.39'

ELEV: 5934.39'

ELEV: 5934.39'

5900.89'

ELEV: 5934.39'

16.67%

16.67%

50.00%

33.33%

FUTURE PARKING AREA

SR-30 (BEAR LAKE BLVD)

NORTH

SITE SUMMARY

LARGE BOAT SLIPS	90
MEDIUM BOAT SLIPS	144
SMALL BOAT SLIPS	106
TOTAL TRAILER PARKING	42
TOTAL CAR PARKING	412

LEGEND

PERMANENT IMPACT

TEMPORARY IMPACT

ALL VERTICAL DATA IS SHOWN IN THE NAVD88 DATUM

KEYNOTE LIST

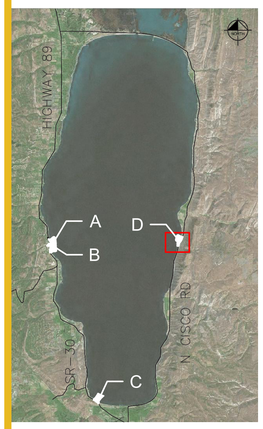
1. 7 LANE BOAT RAMP
2. CONCESSIONAIRE BUILDING
3. BOAT CRANE PAD
4. FEE STATION
5. RESTROOMS
6. PAVILION
7. BEACH AREA
8. INSPECTION AND DECONTAMINATION AREA
9. QUEUING LANES
10. BOAT PREP LANES
11. BOAT WIPE-DOWN LANES

BEAR LAKE

MARINA EXPANSION

Rainbow Cove Concept

KEY MAP



A. WEST BEACH NORTH
B. WEST BEACH SOUTH
C. RENDEZVOUS
D. RAINBOW COVE

SITE SUMMARY	
LARGE BOAT SLIPS	46
MEDIUM BOAT SLIPS	220
SMALL BOAT SLIPS	111
TOTAL TRAILER PARKING	66
TOTAL CAR PARKING	436

LEGEND

PERMANENT IMPACT
TEMPORARY IMPACT

ALL VERTICAL DATA IS SHOWN IN THE NAVD88 DATUM

ELEV: 5934.39'
ELEV: 5935.22'
5900.89'
50.00%
33.33%
33.80%
23.72%
33.50%
28.99%
24.73%
CAMPGROUND ACCESS
RAINBOW COVE RD
RETAINING WALL
N CISCO RD
MATCH LINE
NORTH

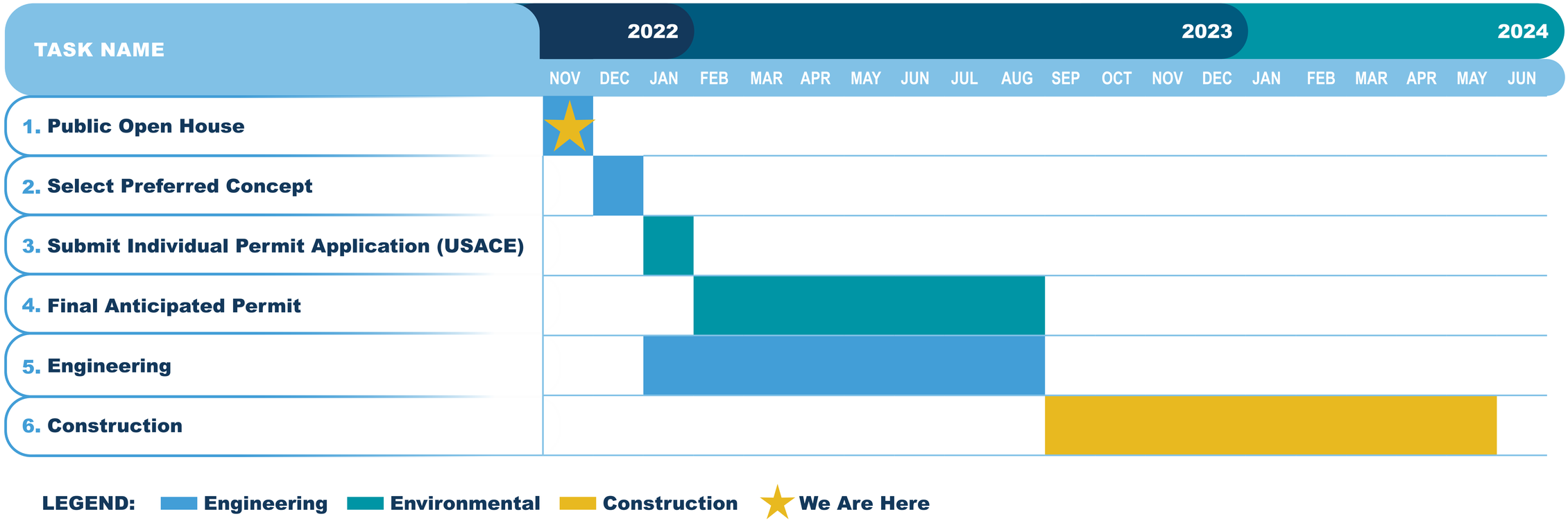
KEYNOTE LIST

1. 7 LANE BOAT RAMP
2. CONCESSIONAIRE BUILDING
3. BOAT CRANE PAD
4. FEE STATION
5. RESTROOMS
6. PAVILION
7. BEACH AREA
8. INSPECTION AND DECONTAMINATION AREA
9. QUEUING LANES
10. BOAT PREP LANES
11. BOAT WIPE-DOWN LANES

BEAR LAKE

MARINA EXPANSION

Project Schedule



LEGEND: Engineering | Environmental | Construction | ★ We Are Here

Next steps:

1. Determine Preferred Concept (Dec-Jan)
2. Submit USACE Permit (January)
3. Final Design (Through May 2023)
4. Begin Construction (Anticipated Summer 2023)

BEAR LAKE
MARINA EXPANSION

STAY CONNECTED

Hotline: 877-920-0960

Email: info@bearlakemarinaexpansion.com

Website: bearlakemarinaexpansion.com