SAUSALITO FERRY TERMINAL IMPROVEMENTS PROJECT

Illustrative Evolution of Project Changes

March 2, 2016
FERRY LANDING NEEDS TO BE REPLACED

• To keep facilities structurally sound
• To bring passenger access to vessels into compliance with current ADA requirements
• Improve operational efficiencies
• Upgrade emergency preparedness
December 2, 2014 – CITY COUNCIL MEETING

Access Pier width = 25'

Float length = 150'

Gangway length = 90'

Float width = 53'

Gangway width ≈ 21'

Max gangway height = 12'
December 2, 2014 – CITY COUNCIL MEETING

SUMMARY

• Proposed Float – 150 feet long x 53 feet wide
• Proposed Gangway – Curved arched truss 90 feet long x 21 feet wide x 12 feet high
• Proposed Access Pier – 96 feet long x 25 feet wide
• Proposed Gate – Roll up doors
• Proposed Railing – Same as on existing Landside Pier
• Proposed Colors – White and blue
• Proposed Belvederes – per BCDC request
MARCH 11, 2015 – PC/HLB STUDY SESSION

ALTERNATIVES PRESENTED FOR PC/HLB TO CHOOSE

Alternative 1 – 25’ Wide Access Pier

Alternative 2 – 21’ Wide Access Pier
Preferred by PC/HLB
MARCH 11, 2015 – PC/HLB STUDY SESSION
ALTERNATIVES PRESENTED FOR PC/HLB TO CHOOSE

Alternative 1 – 12’ Tall Arched Top Chord

Alternative 2 – 10.8’ Tall Arched Top Chord & Lowered

Alternative 3 – 9’ Tall Flat Top Chord Truss
Preferred by PC/HLB
MARCH 11, 2015 – PC/HLB STUDY SESSION
ALTERNATIVES PRESENTED FOR PC/HLB TO CHOOSE

Alternative 1 – Swing Gate with Curved Roof Structure Cover

Alternative 2 – Swing Gate with Curved Top

Alternative 3 – Simple Swing Gate
Preferred By PC/HLB
MARCH 11, 2015 – PC/HLB STUDY SESSION
ALTERNATIVES PRESENTED FOR PC/HLB TO CHOOSE

Alternative 1 - White
Alternative 2 – Gray
Preferred by PC/HLB
Alternative 3 - Blue
APRIL 1, 2015 – APRIL 29, 2016
PC/HLB HEARINGS PREFERRED OPTION

– From PC/HLB Joint Study Session, PC’s, HLB’s, and Sausalito Residents’ comments of discretionary items were taken into consideration
  • Reduce width of access pier – Reduced from 25’ to 21’
  • Reduce height of gangway – Reduced from 12’ to 9’
    – Between Study Session and March 24 submittal, GGBHTD was able to reduce height to 8’
  • Gray or darker color is preferred by most
  • Use simple gate
  • Keep railing similar to existing

– March 24, 2015 – GGBHTD submitted drawings and renderings of preferred project option
APRIL 1, 2015 – APRIL 29, 2015
PC/HLB HEARINGS PREFERRED OPTION
APRIL 1, 2015 – APRIL 29, 2015
PC/HLB HEARINGS PREFERRED OPTION
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PC/HLB HEARINGS PREFERRED OPTION
APRIL 1, 2015 – APRIL 29, 2015
PC/HLB HEARINGS PREFERRED OPTION

SUMMARY

- Proposed Float – 150 feet long x 53 feet wide
- Proposed Gangway – Flat top chord truss 90 feet long x 18.3 feet wide x 8 feet high
- Proposed Access Pier – 96 feet long x 21 feet wide
- Proposed Gate – Simple swing gate
- Proposed Railing – Same as on existing Landside Pier
- Proposed Colors – Gray
- Proposed Belvederes – per BCDC request
JUNE 24, 2015 – NOVEMBER 14, 2015 COMMUNITY MEETINGS

• Marin County Supervisor Kate Sears, Mayor Thomas Theodores, Vice Mayor Jill Hoffman, City Residents, and GGBHTD participated in stakeholder meetings

• June 27, 2015 @ Bay Model, Sausalito
• October 10, 2015 @ City Hall, Sausalito
• November 14, 2015 @ City Hall, Sausalito
NOVEMBER 14, 2015 – COMMUNITY MEETING
DESIGN CHANGES

Simple Steel Girder Gangway
NOVEMBER 14, 2015 – COMMUNITY MEETING
DESIGN CHANGES

Proposed - Lowered Boarding Platform - Typical Condition

Proposed - Raised Boarding Platform - Catamaran Only - During Boarding

Simple Steel Girder Gangway – High Tide
NOVEMBER 14, 2015 – COMMUNITY MEETING
DESIGN CHANGES

Transparent Swing Gate
NOVEMBER 14, 2015 – COMMUNITY MEETING
DESIGN CHANGES

Transparent Swing Gate
GUIDE TO RENDERINGS:

View points requested by community
VIEW 2 – EXISTING & PROPOSED (GABRIELSON PARK)
VIEW 3 – EXISTING (YACHT CLUB)
VIEW 3 – PROPOSED (YACHT CLUB)
VIEW 4 – EXISTING (YACHT CLUB PARKING LOT)
VIEW 4 – PROPOSED (YACHT CLUB PARKING LOT)
VIEW 5 – EXISTING (PLAZA NORTH END)
VIEW 5 – PROPOSED (PLAZA NORTH END)
VIEW 6 – EXISTING (MID PLAZA)
VIEW 6 – PROPOSED (MID PLAZA)
VIEW 7 – EXISTING (PLAZA SOUTH END)
EXISTING LIGHTING
PROPOSED LIGHTING – EYE LEVEL: DOORS OPEN
PROPOSED LIGHTING – EYE LEVEL: DOORS CLOSED & LIGHTS OFF
COLOR OPTIONS – GRAY (GALVANIZED STEEL)
COLOR OPTIONS – DARK GRAY
COLOR OPTIONS – WHITE
COLOR OPTIONS – GREEN
COLOR OPTIONS – INTERNATIONAL ORANGE
NOVEMBER 14, 2015 – COMMUNITY MEETING
PROPOSED DESIGN

SUMMARY

• Proposed Float – 150 feet long x 53 feet wide
• Proposed Gangway – Steel Girder 90 feet long x 16 feet wide x 6.7 feet high
• Proposed Access Pier – 96 feet long x 21 feet wide
• Proposed Gate – Simple transparent swing gate
• Proposed Railing – Same as on existing Landside Pier
• Proposed Colors – Gray
• Proposed Belvederes – per BCDC request
NEW RENDERINGS

• After Community Meetings, the GGBHTD continued to produce more renderings to help clarify the float operations.
• Float length decreased from 150’-0” to 146’-6”
FLOAT – MAIN COMPONENTS

Hydraulic Gangplank
Boarding Platform
Gangway
Fixed Landing
Boarding Apron

March 2, 2016
Sausalito Ferry Terminal Improvements Project
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FLOAT – ADA COMPONENTS

RAMPS NO MORE THAN 1:12 SLOPE AT ALL TIDES AND FERRY BOARDING CONFIGURATIONS
FLOAT – LOWERED FOR ARRIVAL OF SPAULDING CLASS
FLOAT – RAISED FOR ARRIVAL OF CATAMARAN CLASS
FLOAT OPERATIONS – SPAULDING CLASS VESSEL
FLOAT DIMENSIONS – LENGTH SHORTENED

• Float length shortened from 150 feet to 145 feet 6 inches

Approx. 51'-0"

Approx. 70'-0"

Approx. 10'-0"

53'-0"

145’–6”
SUMMARY

Existing Float
110’ long x 42’ wide

March 2016

Proposed Float
145.5’ long x 53’ wide
SUMMARY

Existing Gangway
70’ long x 5.9’ wide x 3.5’ above walking surface

December 2014 Proposed Gangway
90’ long x 21’ wide x 9.1’ above walking surface

March 2015 Proposed Gangway
90’ long x 18.3’ wide x 5.1’ above walking surface

March 2016 Proposed Gangway
90’ long x 16’ wide x 3.5’ above walking surface
SUMMARY

Existing Access Pier
96.5’ long x 8.5’ wide

December 2014 Proposed Access Pier
96’ long x 25’ wide

March 2016 Proposed Access Pier
96’ long x 21’ wide
SUMMARY

Existing Gate
Steel Swing Gate with Diamond Pattern Grating

December 2014 Proposed Gate
Rollup Doors

March 2015 Proposed Gate
Simple Swing Gate with Grating

March 2016 Proposed Gate
Simple Transparent Swing Gate
## SUMMARY

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<th>EXISTING</th>
<th>PROPOSED DECEMBER 2014</th>
<th>PROPOSED MARCH 2015</th>
<th>PROPOSED MARCH 2016</th>
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<td>110’ long x 42’ wide</td>
<td>150’ long x 53’ wide</td>
<td>150’ long x 53’ wide</td>
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<tr>
<td>GANGWAY</td>
<td>70’ long x 5.9’ wide x 5.8’ high</td>
<td>90’ long x 21’ wide x 12’ high</td>
<td>90’ long x 18.3’ wide x 8’ high</td>
<td>90’ long x 16’ wide x 6.7’ high</td>
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<td>ACCESS PIER</td>
<td>96.5’ long x 8.5’ wide</td>
<td>96’ long x 25’ wide</td>
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<td>Yes, per BCDC</td>
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<td>GATE</td>
<td>Swing gate with steel grating</td>
<td>Roll up doors</td>
<td>Simple swing gate with steel grating</td>
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<td>Gray, blue</td>
<td>White, blue</td>
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- Color, lighting and bench design to be determined by City