

# SAUSALITO FERRY TERMINAL IMPROVEMENTS PROJECT

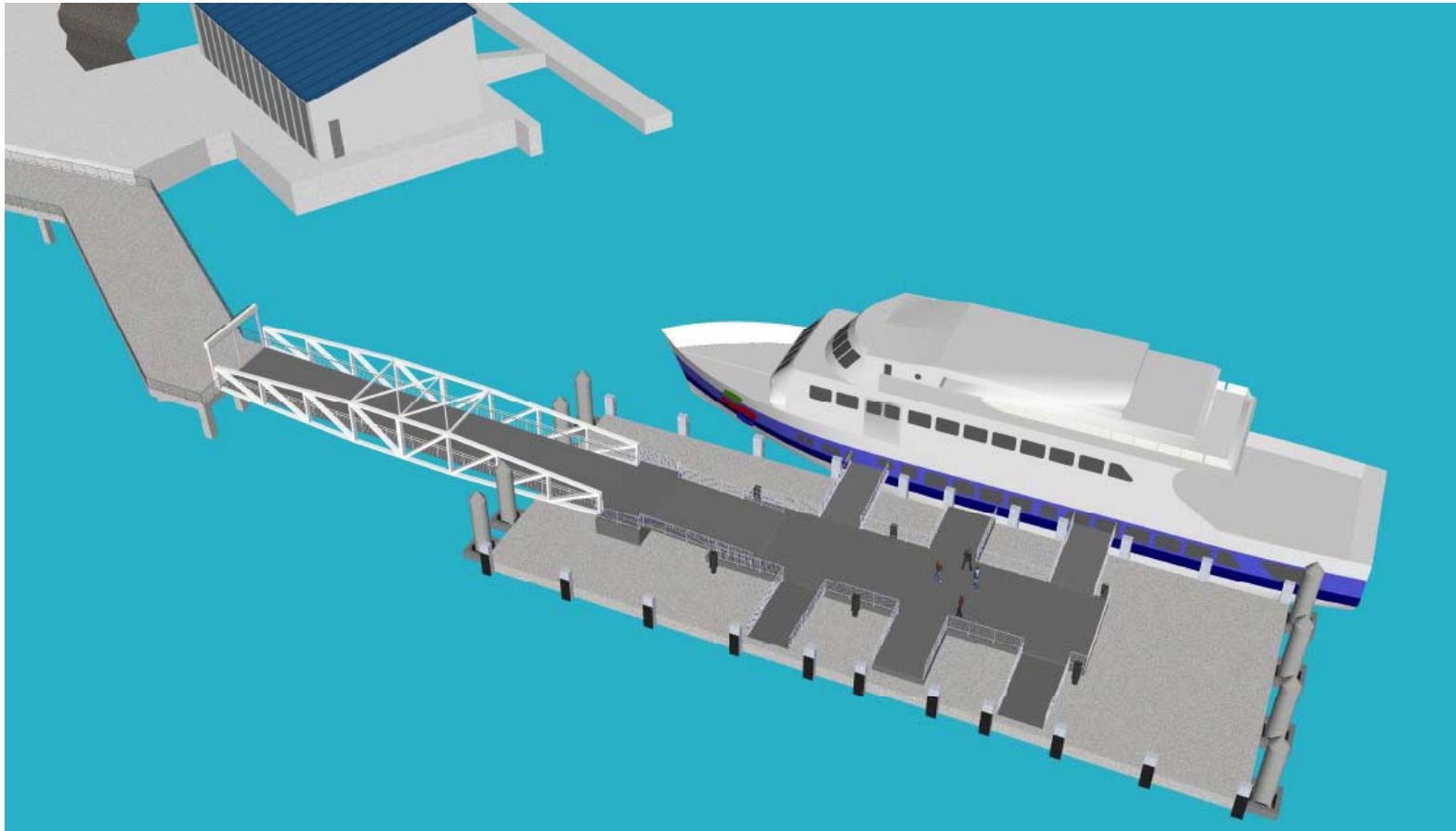
Illustrative Evolution of Project Changes  
March 2, 2016



## 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

# MAY 3, 2011 - CITY COUNCIL MEETING



# December 2, 2014 – CITY COUNCIL MEETING

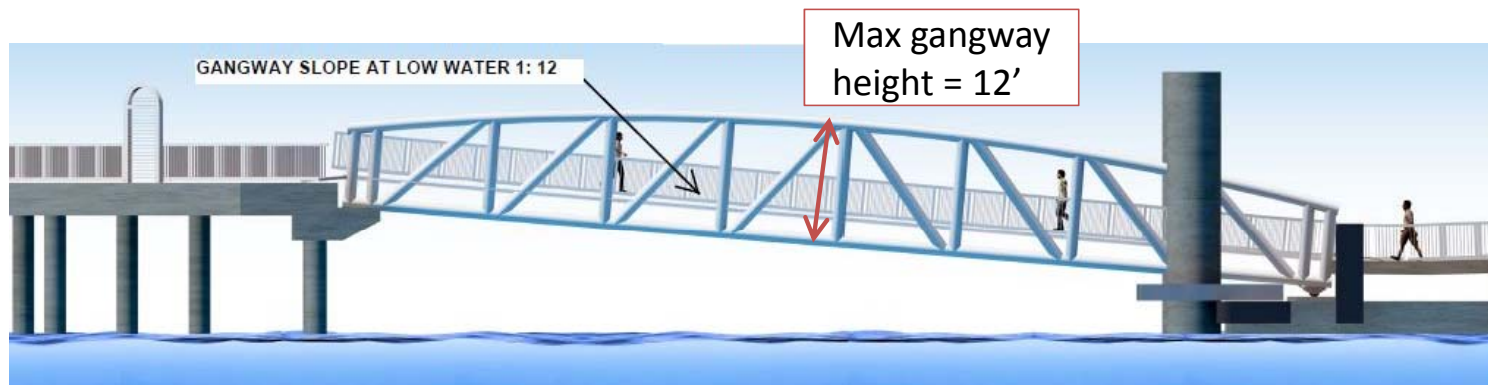
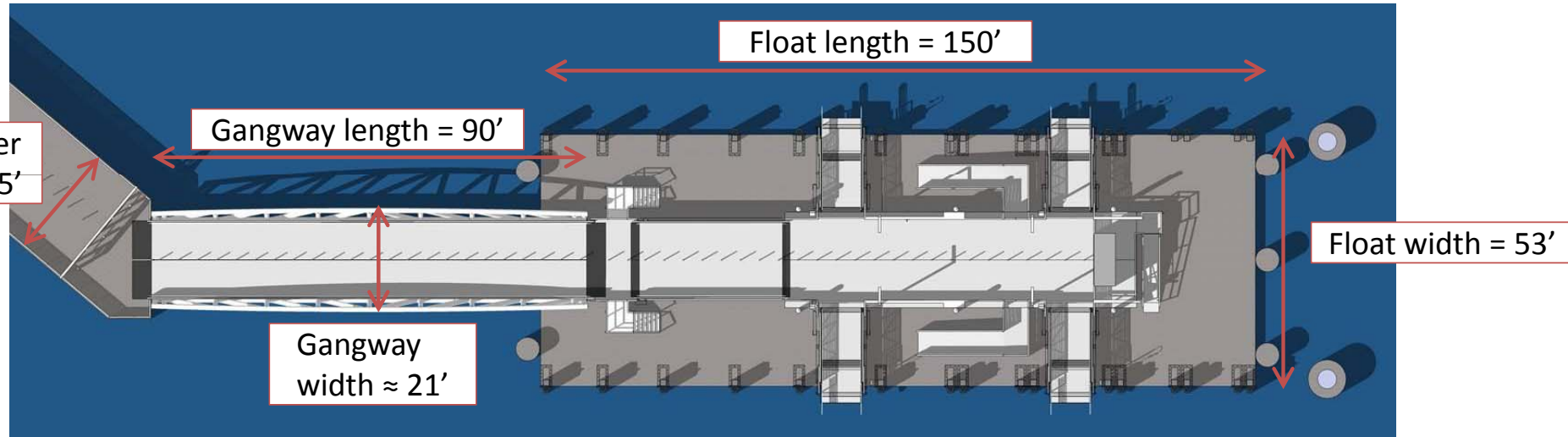




# December 2, 2014 – CITY COUNCIL MEETING



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## **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

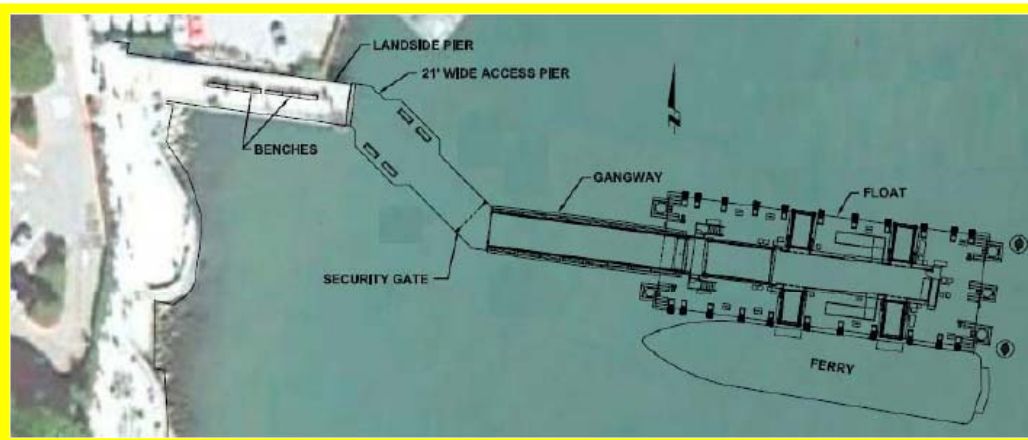


# MARCH 11, 2015 – PC/HLB STUDY SESSION

## ALTERNATIVES PRESENTED FOR PC/HLB TO CHOOSE



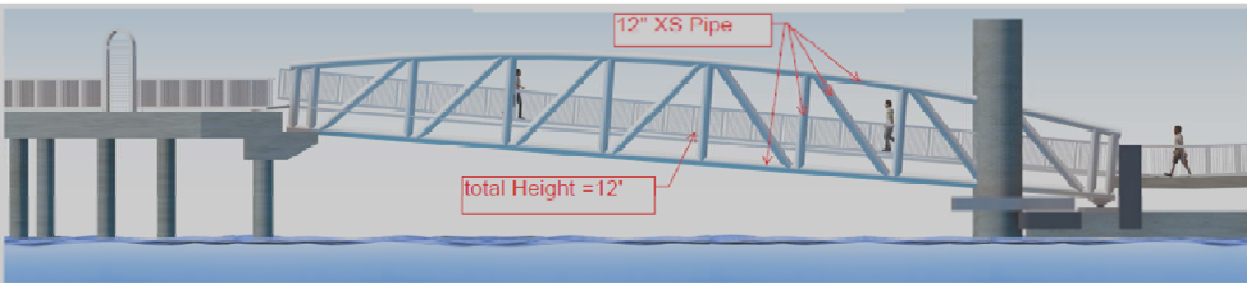
Alternative 1 – 25' Wide Access Pier



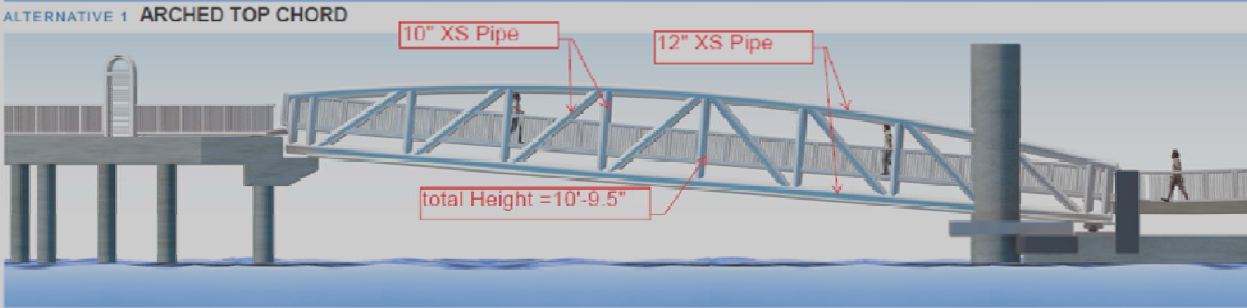
Alternative 2 – 21' Wide Access Pier  
Preferred by PC/HLB

# MARCH 11, 2015 – PC/HLB STUDY SESSION

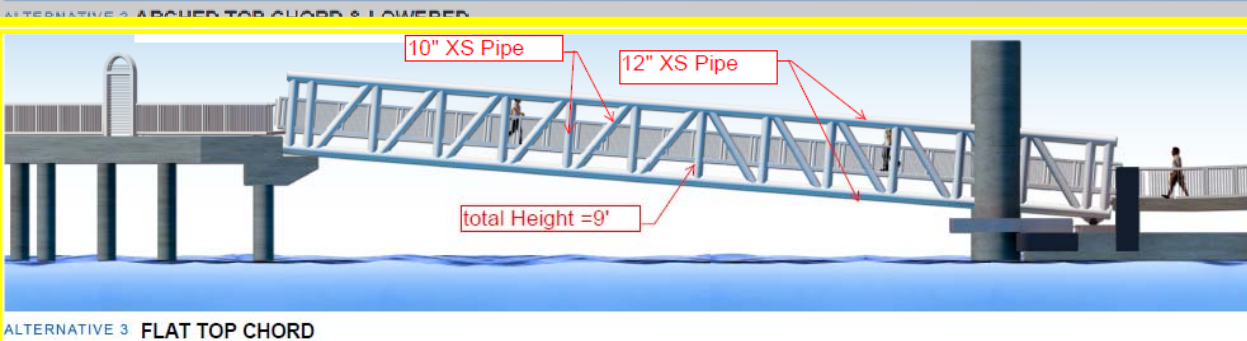
## ALTERNATIVES PRESENTED FOR PC/HLB TO CHOOSE



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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# APRIL 1, 2015 – APRIL 29, 2015 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



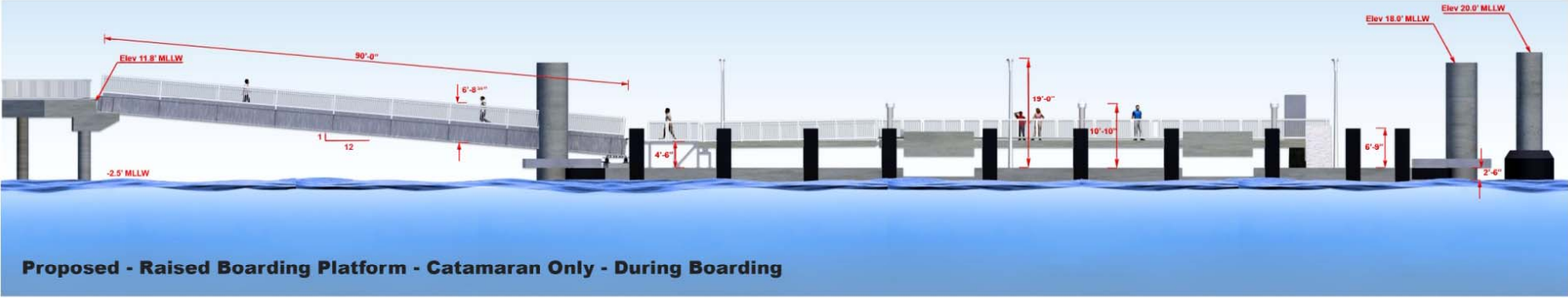
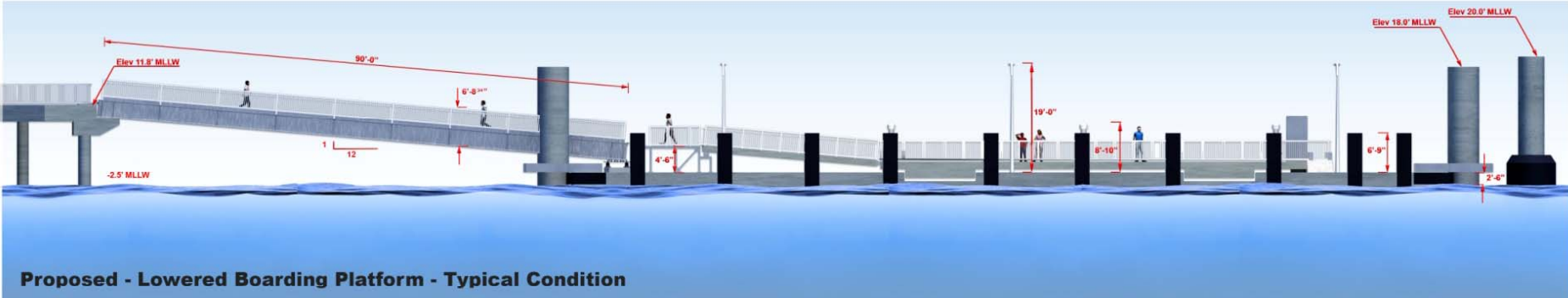


# NOVEMBER 14, 2015 – COMMUNITY MEETING DESIGN CHANGES

## Simple Steel Girder Gangway

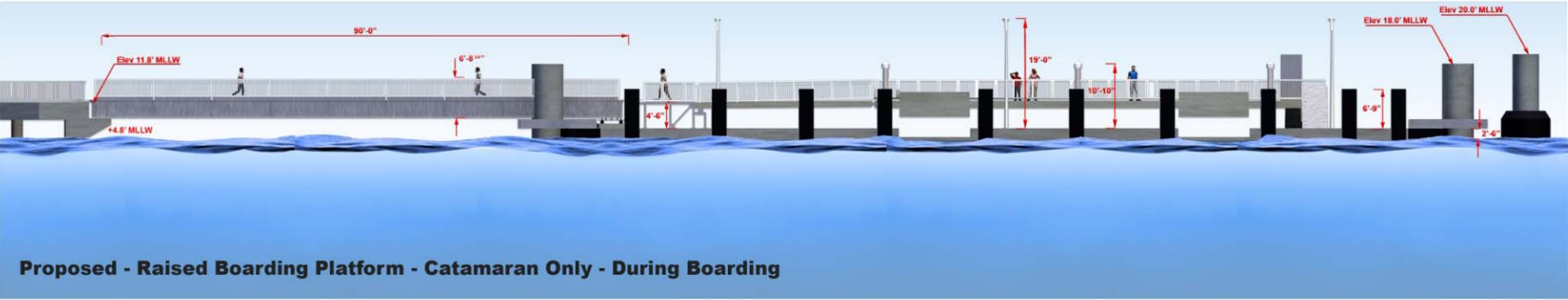
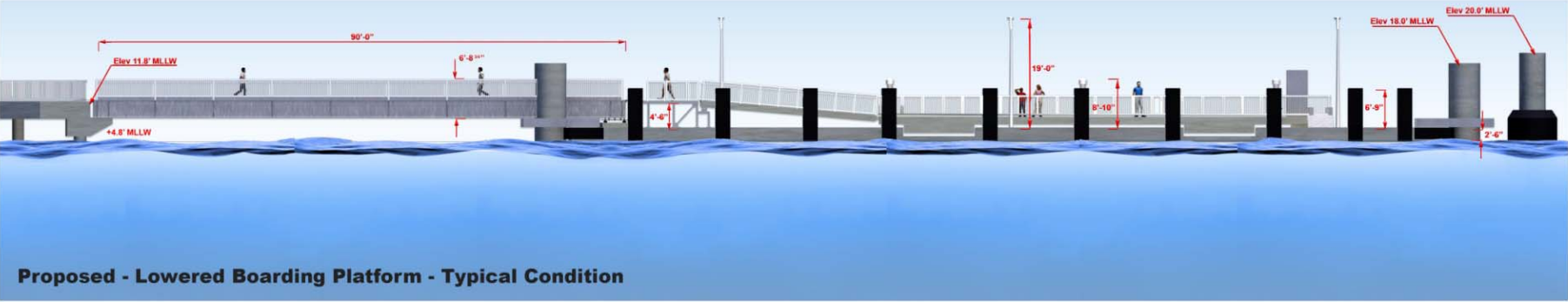


# NOVEMBER 14, 2015 – COMMUNITY MEETING DESIGN CHANGES



Simple Steel Girder Gangway – Low Tide

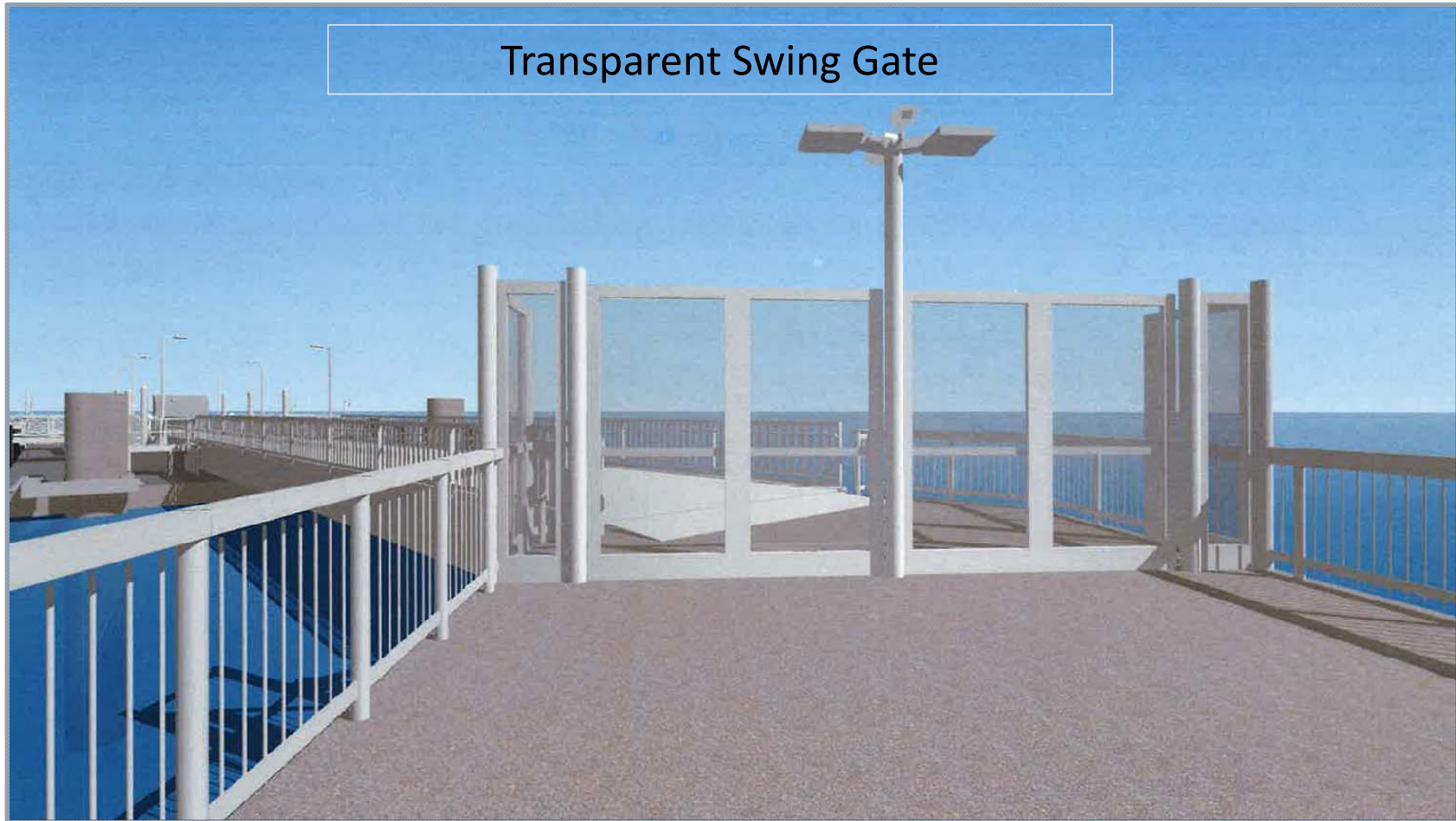
# NOVEMBER 14, 2015 – COMMUNITY MEETING DESIGN CHANGES



Simple Steel Girder Gangway – High Tide

# NOVEMBER 14, 2015 – COMMUNITY MEETING DESIGN CHANGES

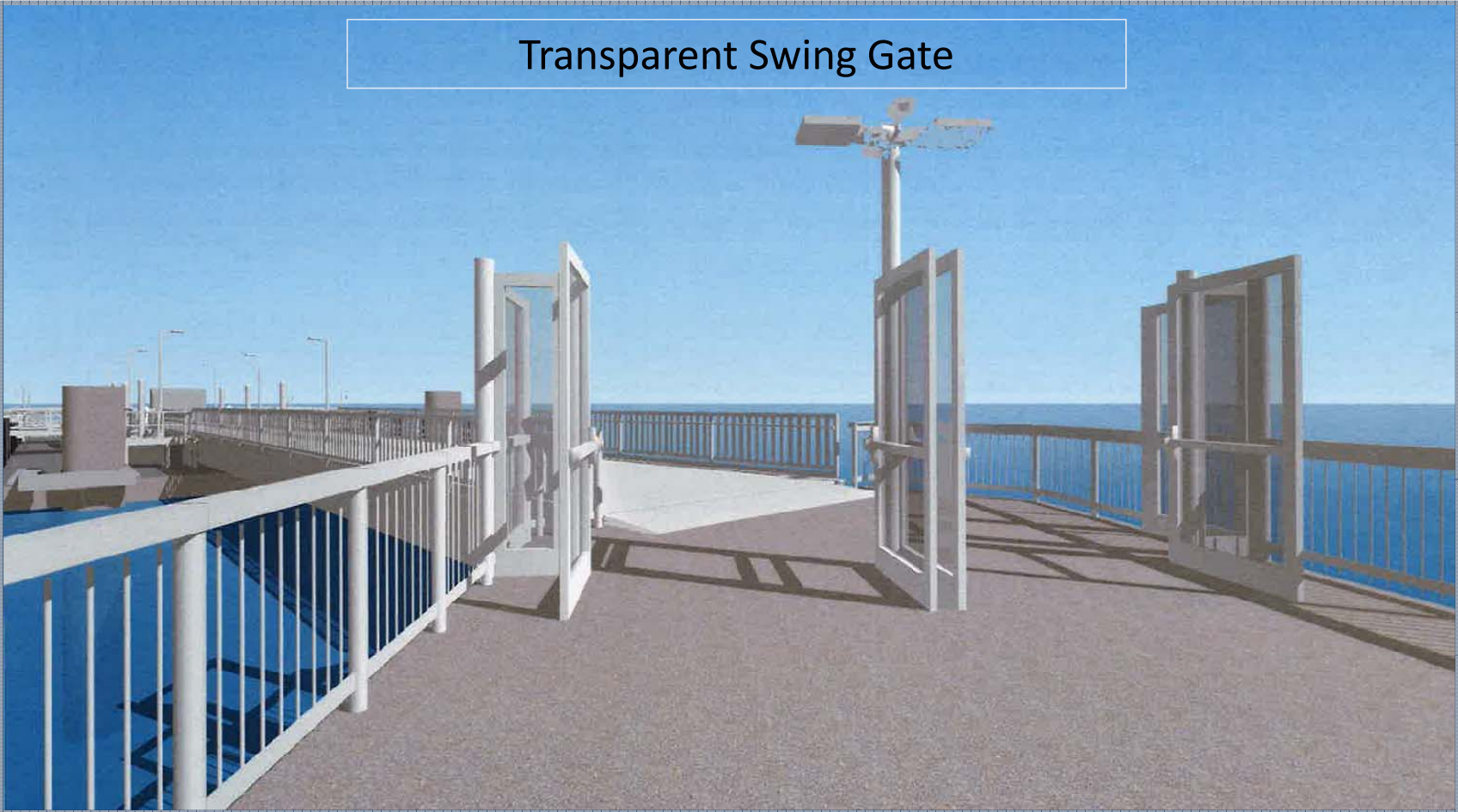
Transparent Swing Gate





# NOVEMBER 14, 2015 – COMMUNITY MEETING DESIGN CHANGES

Transparent Swing Gate



# GUIDE TO RENDERINGS:

## View points requested by community





## VIEW 1- EXISTING (EDGE OF GABRIELSON PARK)



## VIEW 1 – PROPOSED (EDGE OF GABRIELSON PARK)





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)





## VIEW 7 – PROPOSED (PLAZA SOUTH END)





## VIEW 8 – EXISTING (BRIDGEWAY)



## VIEW 8 – PROPOSED (BRIDGEWAY)





## EXISTING LIGHTING





## PROPOSED LIGHTING – OVERVIEW



## 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 – BLUE



## COLOR OPTIONS – GREEN



## COLOR OPTIONS – BLACK





## 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

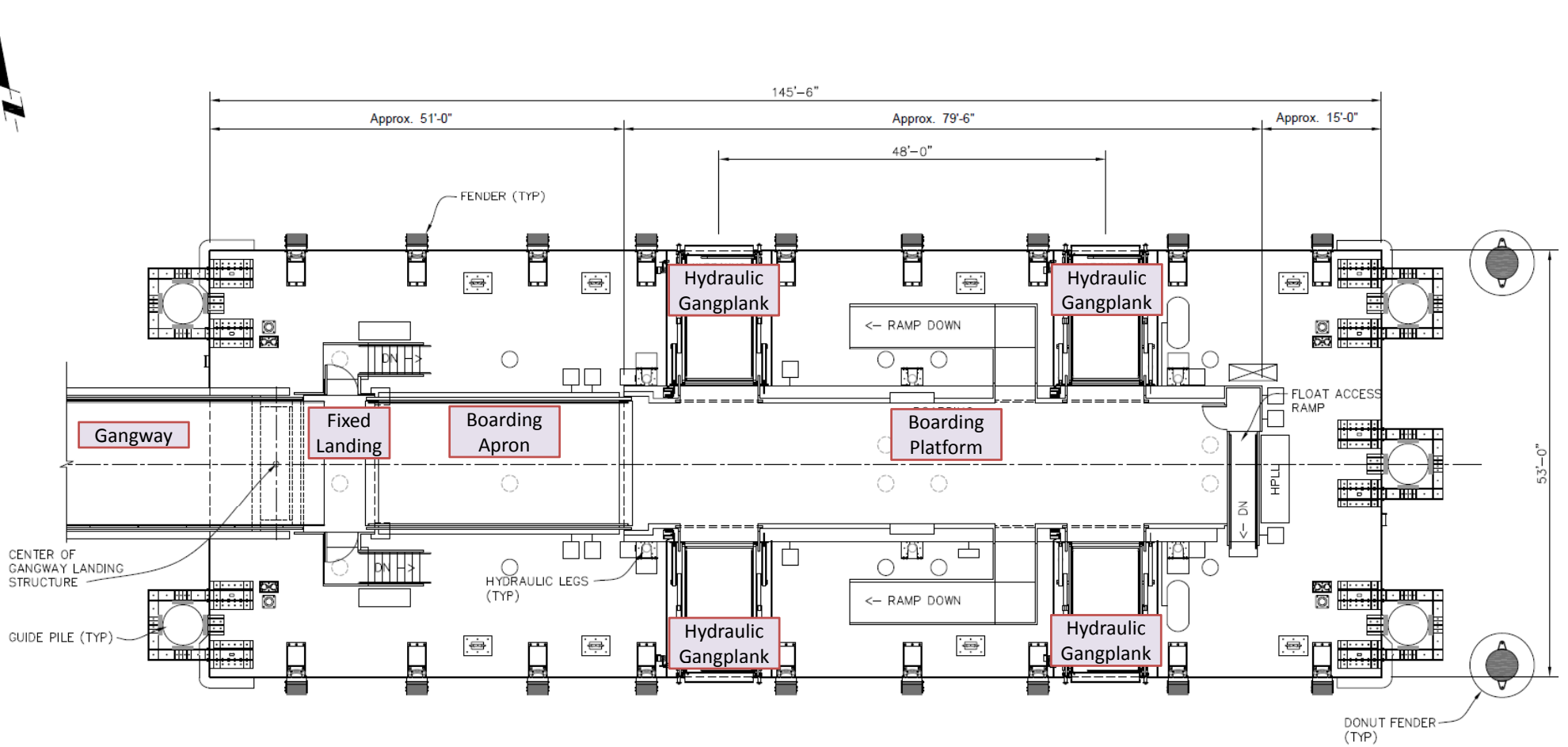
- After Community Meetings, the GGBHTD continued to produce more renderings to help clarify the float operations.
- Float length decreased from 150'-0" to 146'-6"



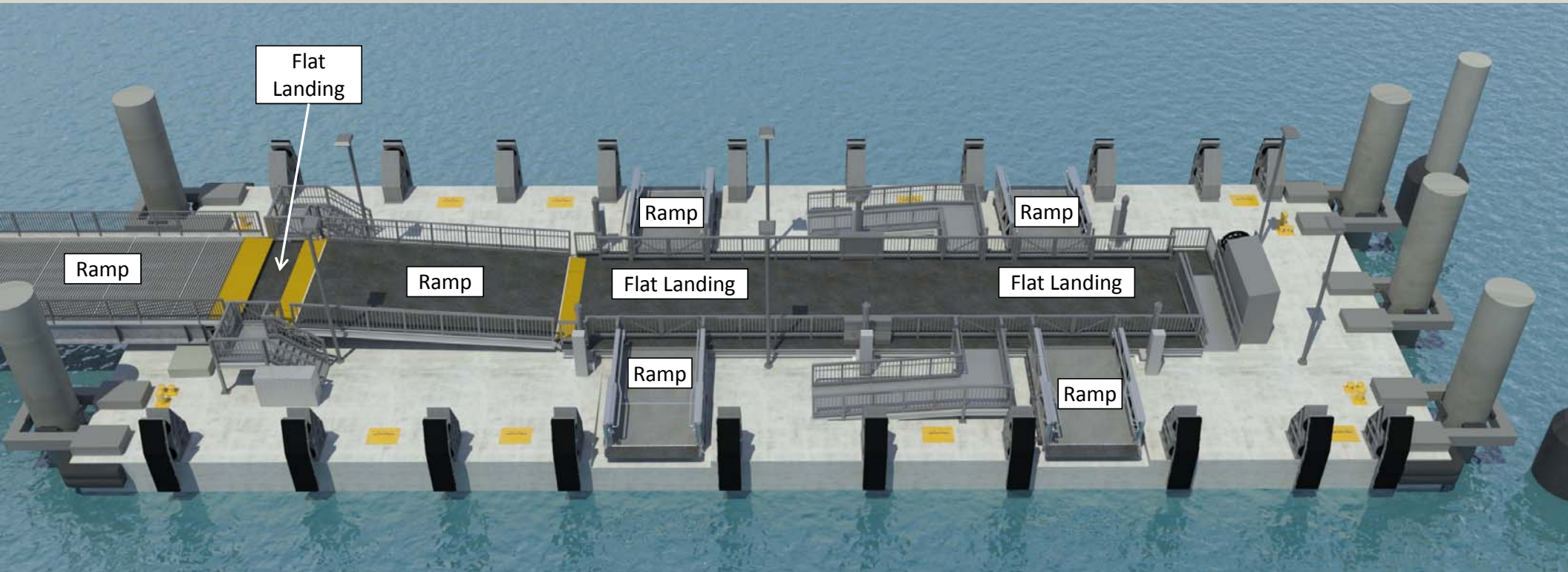
# PROPOSED FLOAT



# FLOAT – MAIN COMPONENTS



# FLOAT – ADA COMPONENTS



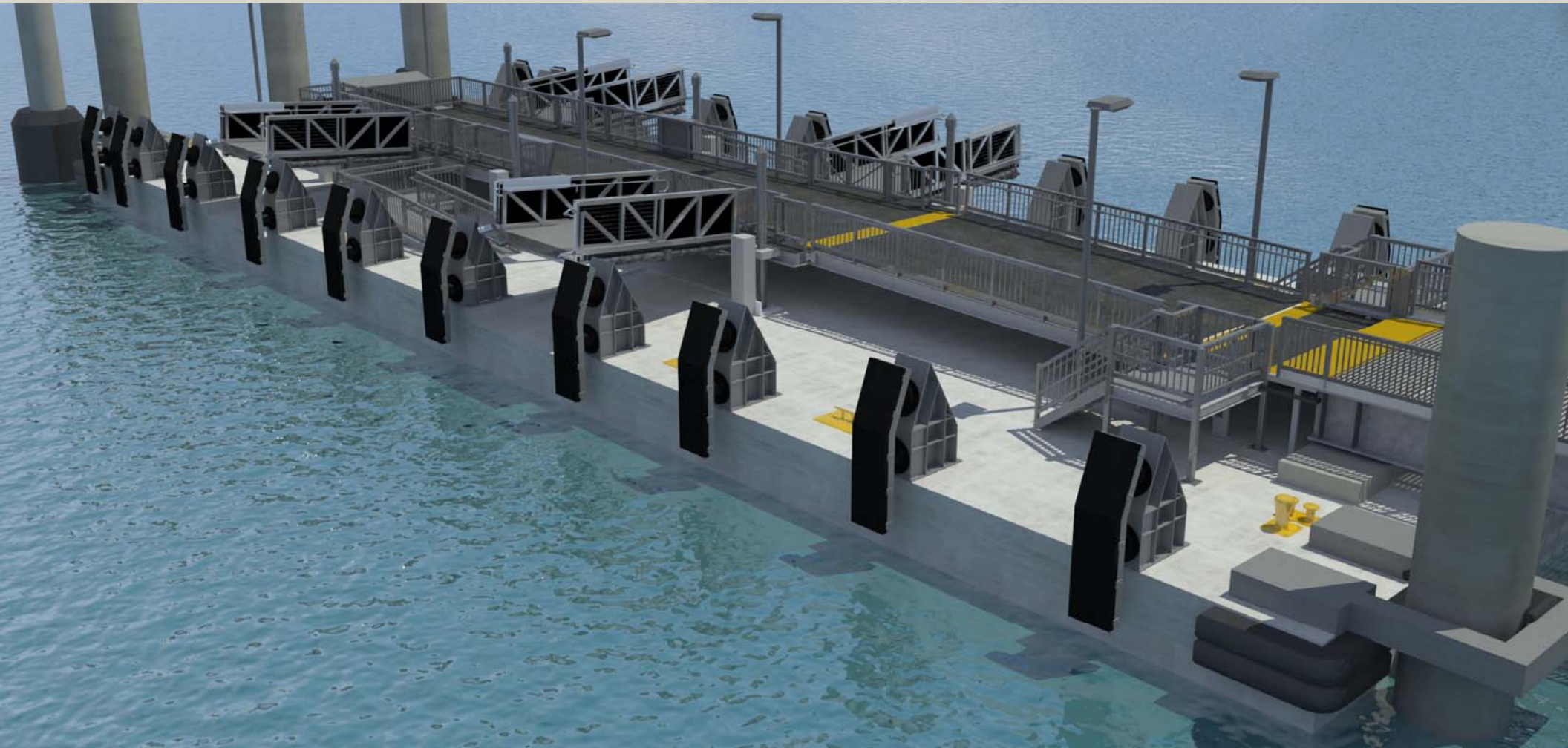
RAMPS NO MORE THAN 1:12 SLOPE AT ALL TIDES AND FERRY BOARDING CONFIGURATIONS



## FLOAT – LOWERED FOR ARRIVAL OF SPAULDING CLASS



## FLOAT – RAISED FOR ARRIVAL OF CATAMARAN CLASS





## FLOAT OPERATIONS – SPAULDING CLASS VESSEL



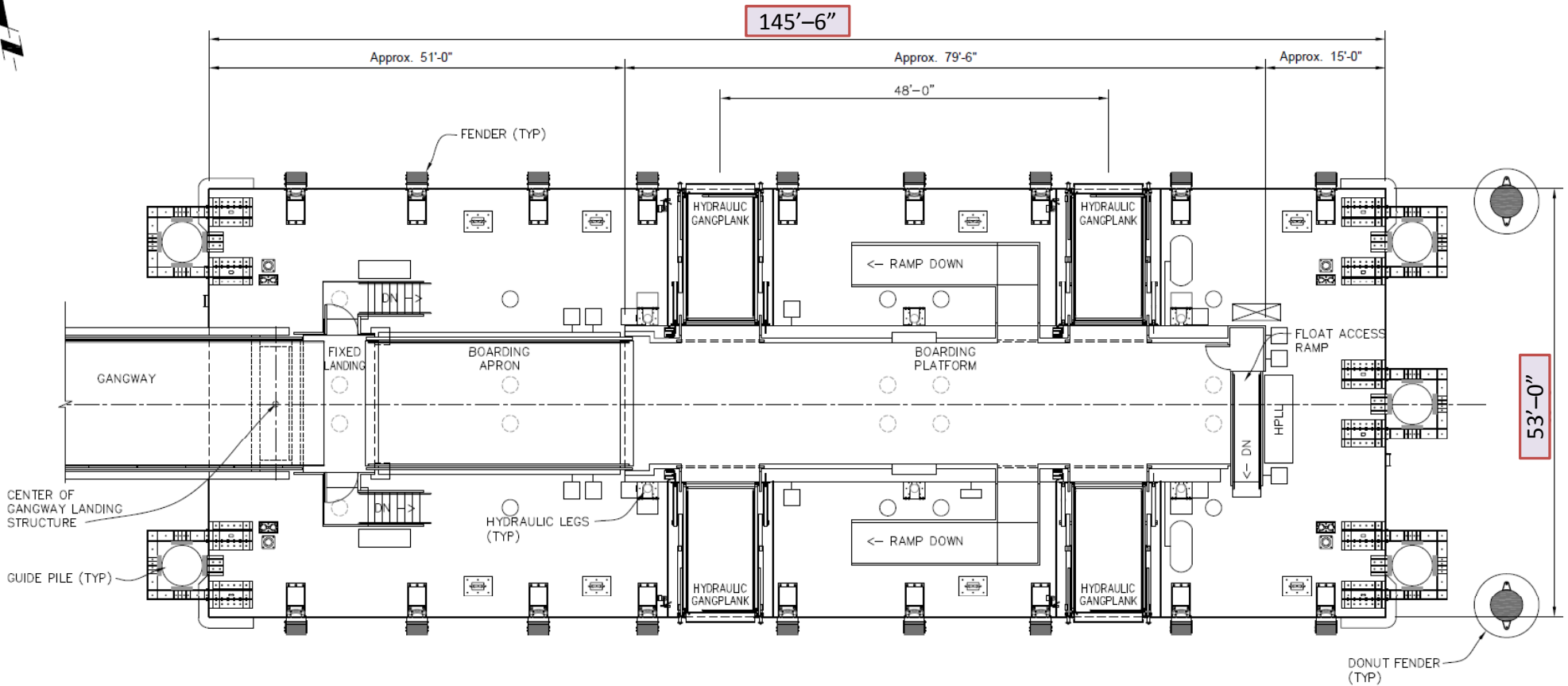


## FLOAT OPERATIONS – CATAMARAN CLASS VESSEL



# FLOAT DIMENSIONS – LENGTH SHORTENED

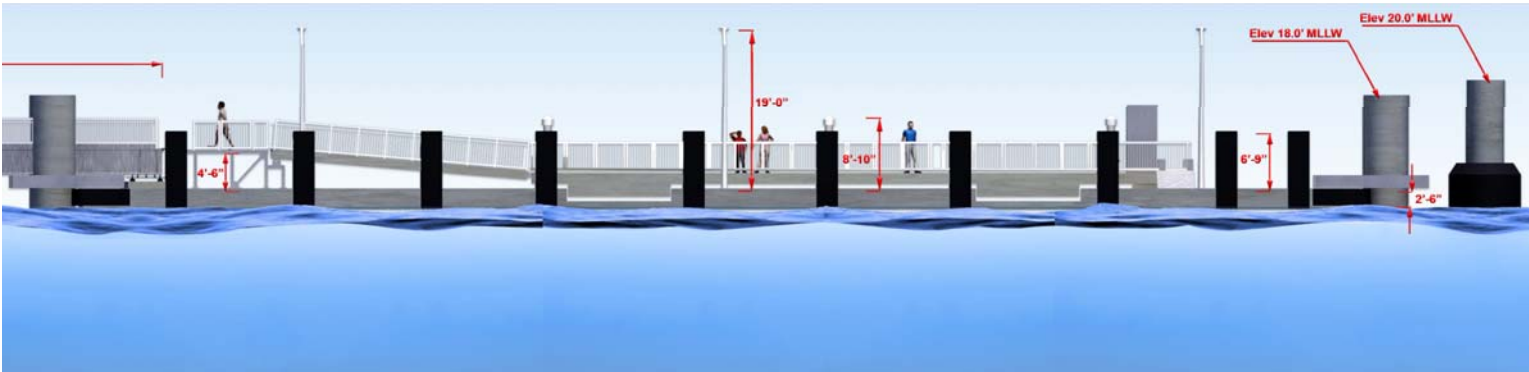
- Float length shortened from 150 feet to 145 feet 6 inches



# 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

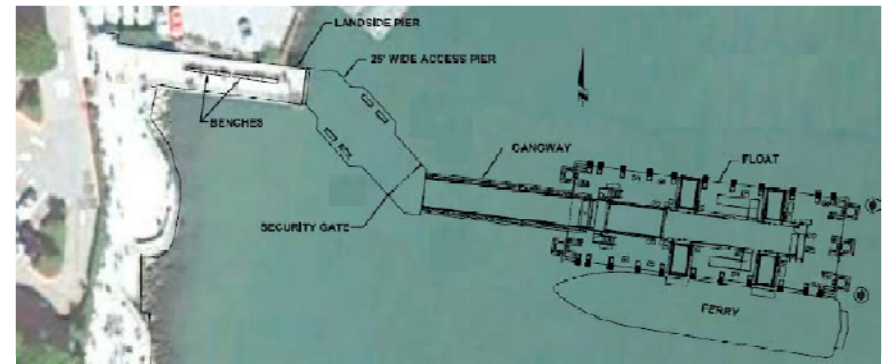
## Existing Access Pier

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

	EXISTING	PROPOSED DECEMBER 2014	PROPOSED MARCH 2015	PROPOSED MARCH 2016
FLOAT	110' long x 42' wide	150' long x 53' wide	150' long x 53' wide	145.5' long x 53' wide
GANGWAY	70' long x 5.9' wide x 5.8' high	90' long x 21' wide x 12' high	90' long x 18.3' wide x 8' high	90' long x 16' wide x 6.7' high
ACCESS PIER	96.5' long x 8.5' wide	96' long x 25' wide	96' long x 21' wide	96' long x 21' wide
LANDSIDE PIER	95' long x 20.5' wide	No change to existing	No change to existing	No change to existing
BELVEDERES	None	Yes, per BCDC	Yes, per BCDC	Yes, per BCDC
GATE	Swing gate with steel grating	Roll up doors	Simple swing gate with steel grating	Simple transparent swing gate
COLOR	Gray, blue	White, blue	Gray	Gray

- Color, lighting and bench design to be determined by City