SR 789 (Longboat Key) PD&E Study

From North Shore Road to Coquina Park Entrance

FPID No. 436676-1-22-01

Sarasota/Manatee Metropolitan Planning Organization (MPO) Technical Advisory Committee (TAC) Presentation

March 11, 2024

Agenda

- Update MPO Board and Subcommittees
  - Transportation Project Development Process
  - Project Location/Purpose and Need
  - Public Involvement
  - Bridge Characteristics and Alternatives
  - Project Schedule

Transportation Project Development Process

Phase 1 — Planning

- Existing Conditions
- Needs and Assessment
- LRTP, CFP, TIP
- Work Program

Phase 2 — PD&E Study

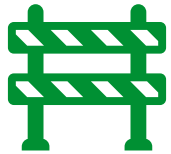
- Purpose and Need
- Alternatives Analysis
- Environmental Studies
- Environmental Document Approval

Phase 3 — Design

- Detailed Design
- Construction Plans
- Cost Estimates
- Permits

Phase 4 — Right-of-Way

- Appraisal
- Negotiations
- Acquisition



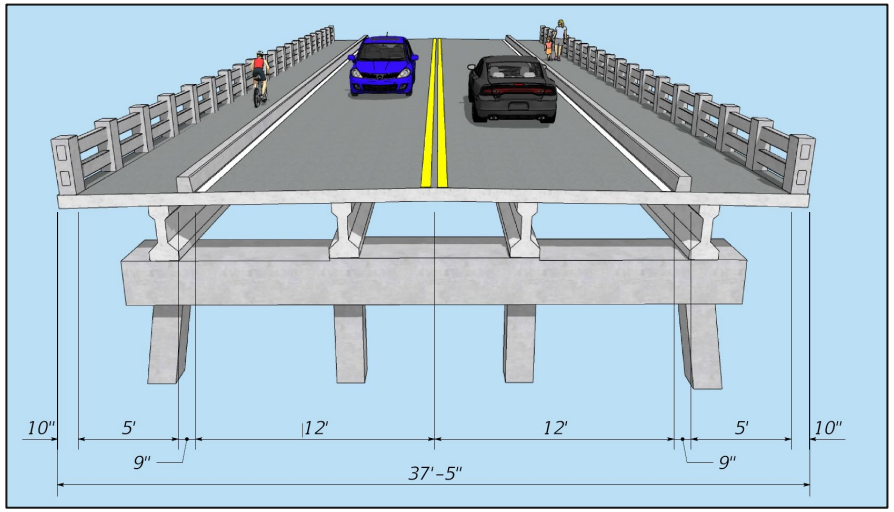
Phase 5 — Construction

- Build and Deliver

Public Outreach and Interagency Coordination

Project Location / Purpose and Need

- Purpose and Need
- Identify the best solution for the bridge
  - In need of replacement due to deteriorating conditions
- Improve
  - Multimodal Accommodations
  - Emergency Evacuation
  - Safety



Public Involvement

- Public Kickoff Meeting
  - Meeting Held
    - March 16 – April 2, 2021 (Virtual)
    - March 23, 2021 (In-Person)
- Alternatives Public Workshop
  - Scheduled for:
    - March 12, 2024 (Virtual)
    - March 14, 2024 (In-Person)
- Hybrid Public Hearing
  - Planned for March 2025

Overview of Key Comments Received:

1) Traffic (21) – Coquina Beach traffic and the bottleneck of the Bridge Street roundabout in Bradenton Beach

2) Safety (15) – Make sure proposed typical section contains bicycle/pedestrian features

3) Bridge Height (11) – Expressed concerns regarding the height of their boats and passage under a new bridge

4) 'Build' Support (10) – Expressed support for some type of new bridge

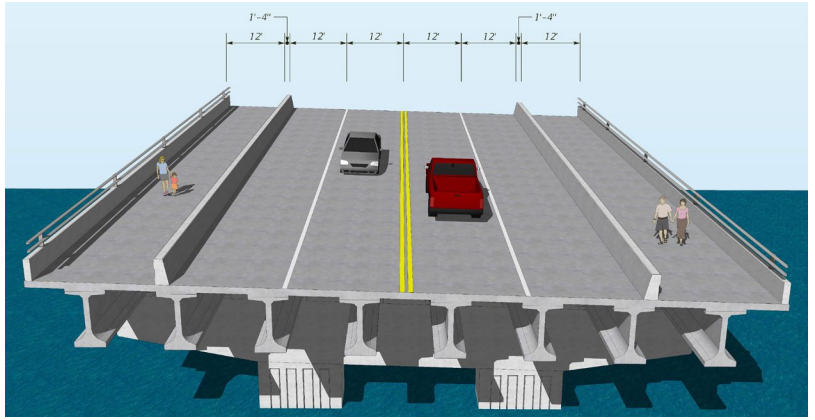
5) 'No-Build' Support (5) – Expressed support for keeping the existing bridge

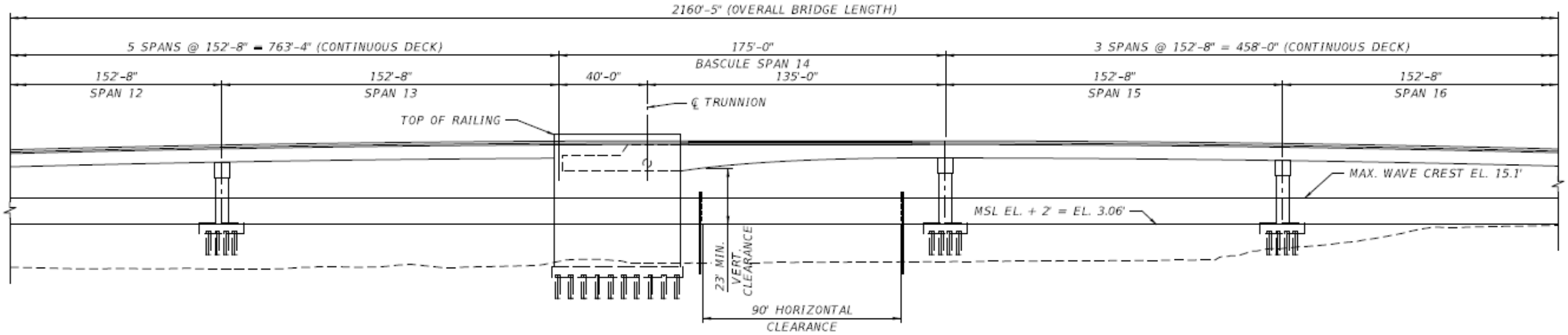
6) Other Concerns (18) – Noise, impact to nature, visible obstruction, alignment, privacy concerns, "no fishing" signs, Americans with Disabilities Act (ADA) requirements (motorized wheelchair), and speeding issues

Bridge Alternatives

Alternative 1 – Low Level Bascule Bridge

- 23 ft. minimum vertical clearance
- 90 ft. horizontal clearance

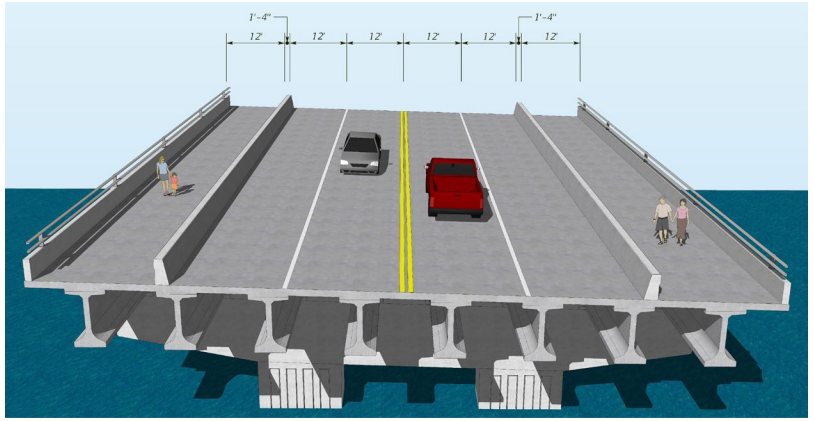


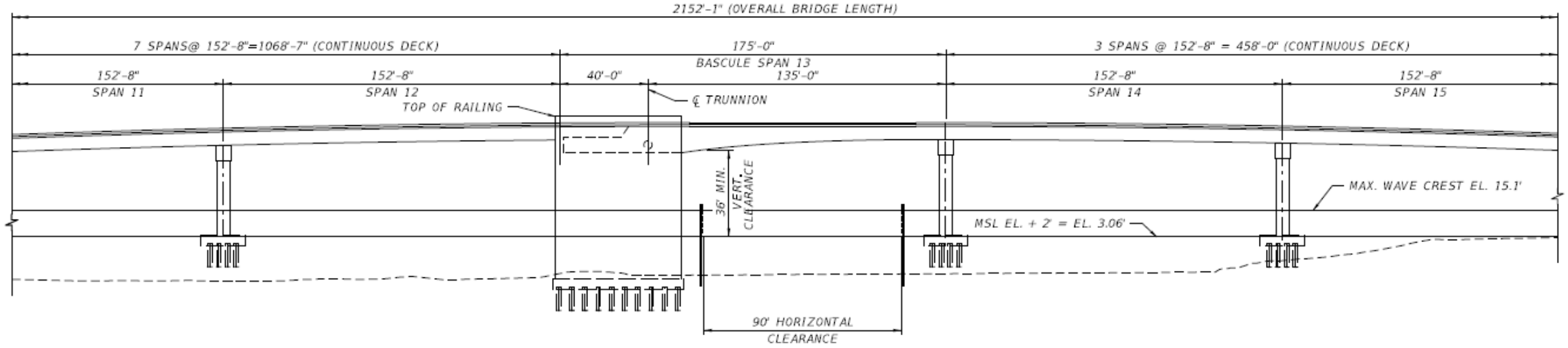


Bridge Alternatives

Alternative 2 – Mid Level Bascule Bridge

- 36 ft. minimum vertical clearance
- 90 ft. horizontal clearance

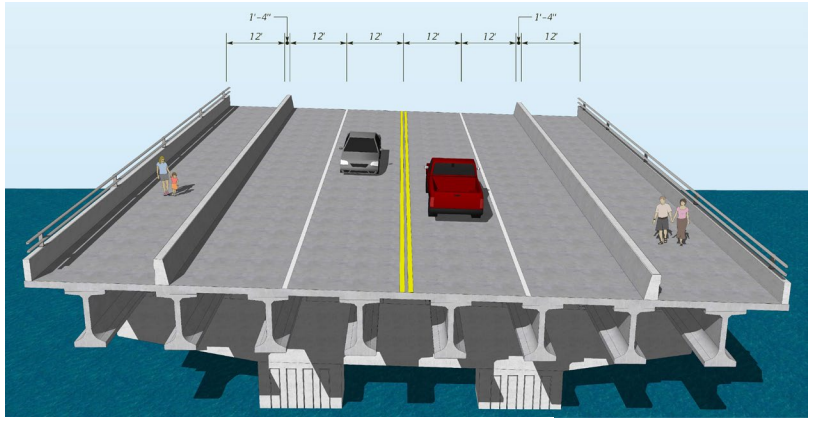


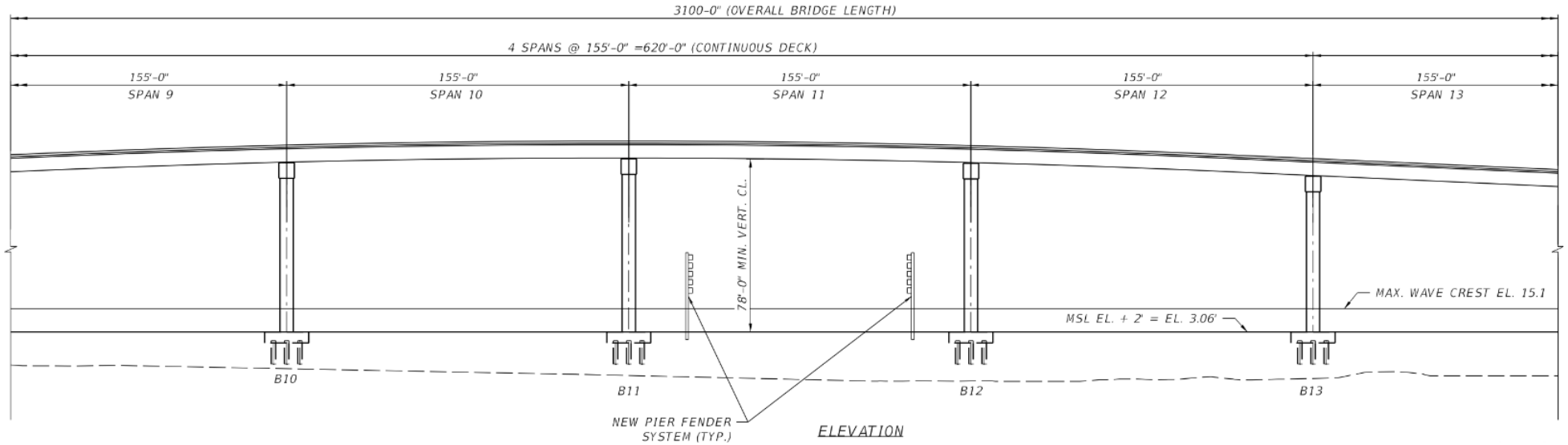


Bridge Alternatives

Alternative 3 – High Level Fixed Bridge

- 78 ft. minimum vertical clearance
- 90 ft. horizontal clearance
- United States Coast Guard (USCG) coordination

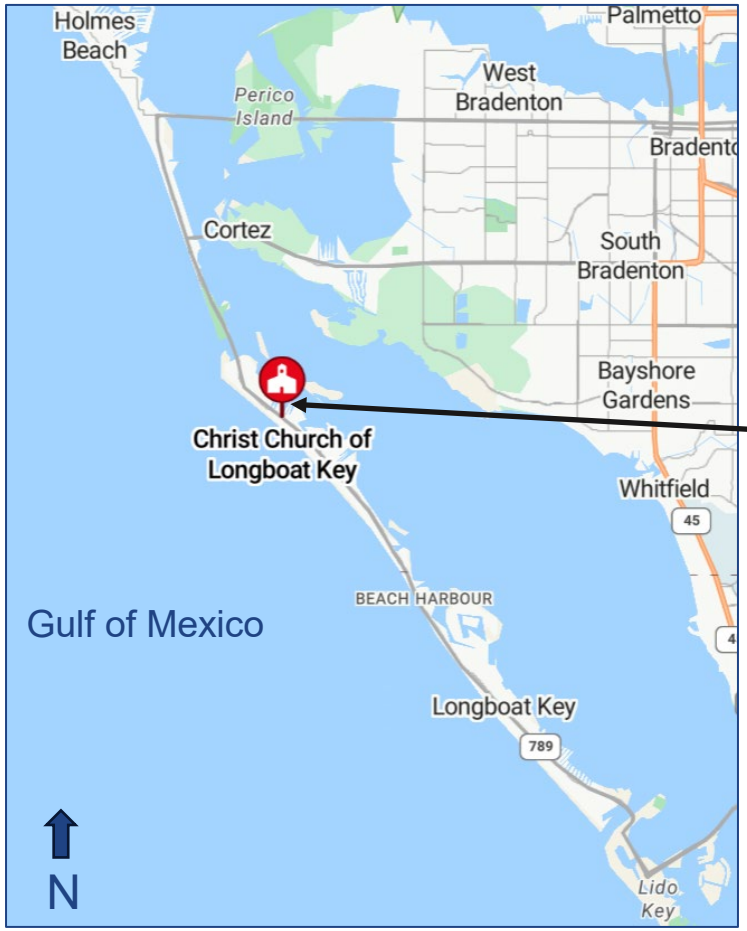




Cost Comparison of Bridge Alternatives

Cost	Alternative 1 Low Level Bascule Bridge (23 ft. vertical clearance)	Alternative 2 Mid Level Bascule Bridge (36 ft. vertical clearance)	Alternative 3 High Level Fixed Bridge (78 ft. vertical clearance)
LRE Cost	$112.2 million	$112.9 million	$79.3 million

Alternatives Public Workshop



Online/Virtual

Alternatives Public Workshop

Date: Tuesday, March 12, 2024

Time: 5:00 PM to 7:00 PM

Location: https://tinyurl.com/LBKSR789

In-Person

Alternatives Public Workshop

Date: Thursday, March 14, 2024

Time: 5:00 PM to 7:00 PM

Location: Christ Church
6400 Gulf of Mexico Drive
Longboat Key, FL 34228

Project Schedule

- Alternatives Public Workshop
  - March 12, 2024 (Virtual)
  - March 14, 2024 (In-Person)
- Refinement of Alternatives
  - March 2024 – June 2024
- Hold Hybrid Public Hearing
  - Anticipated: March 2025
- Prepare final engineering/environmental documents
  - February – November 2025
- Final Acceptance (Location Design Concept Acceptance)
  - February 2026

Future phases:

- Design – Funded in Fiscal Year 2026
- Construction – unfunded

Contacts

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www.swflroads.com/sr789/longboatkey

Thank You