OUTSTANDING BRIDGES OF FLORIDA*

This photograph collection was compiled by Steven Plotkin, P.E.

* * * *

Record Holders

Unique Examples

Superior Aesthetics

* All bridges in this collection are on the State Highway System or on public roads
Record Holders

- **Longest Total Length:** Seven Mile Bridge, Florida Keys
- **Second Longest Total Length:** Sunshine Skyway Bridge, Lower Tampa Bay
- **Third Longest Total Length:** Bryant Patton Bridge, Saint George Island
- **Most Single Bridge Lane Miles:** Sunshine Skyway Bridge, Lower Tampa Bay
- **Most Dual Bridge Lane Miles:** Henry H. Buckman Bridge, South Jacksonville
- **Longest Viaduct (Bridge over Land):** Lee Roy Selmon Crosstown Expressway, Tampa
- **Longest Span:** Napoleon Bonaparte Broward Bridge at Dames Point, North Jacksonville
- **Second Longest Span:** Sunshine Skyway Bridge, Lower Tampa Bay
- **Longest Girder/Beam Span:** St. Elmo W. Acosta Bridge, Jacksonville
- **Longest Cast-In-Place Concrete Segmental Box Girder Span:** St. Elmo W. Acosta Bridge, Jacksonville
- **Longest Precast Concrete Segmental Box Girder Span and Largest Precast Concrete Segment:** Hathaway Bridge, Panama City
- **Longest Concrete I Girder Span:** US-27 at the Caloosahatchee River, Moore Haven
- **Longest Steel Box Girder Span:** Regency Bypass Flyover on Arlington Expressway, Jacksonville
- **Longest Steel I Girder Span:** New River Bridge, Ft. Lauderdale
- **Longest Moveable Vertical Lift Span:** John T. Alsop, Jr. Bridge (Main Street), Jacksonville
- **Longest Movable Bascule Span:** 2nd Avenue, Miami
SEVEN MILE BRIDGE (new bridge on left and original remaining bridge on right)

**RECORD:** Longest Total Bridge Length (6.79 miles)

**LOCATION:** US-1 from Knights Key to Little Duck Key, Florida Keys
SUNSHINE SKYWAY BRIDGE

RECORDS: Second Longest Span (1,200 feet), Second Longest Total Bridge Length (4.14 miles), Most Single Bridge Lane Miles (20.7 miles)

LOCATION: I–275 over Lower Tampa Bay from St. Petersburg to Terra Ceia

SUPERIOR AESTHETICS: Pier footings are not in view; oval columns, box girders, and a single plane of stay cables
BRYANT PATTON BRIDGE AT SAINT GEORGE ISLAND

RECORD: Third Longest Total Bridge Length (4.08 miles)

LOCATION: State Road 300 over Apalachicola Bay from East Point to Saint George Island
HENRY H. BUCKMAN BRIDGE

RECORD: Most Dual Bridge Lane Miles (24.8 miles)

LOCATION: I-295 over the Saint Johns River, South Jacksonville
LEE ROY SELMON CROSSTOWN EXPRESSWAY

RECORD: Longest Viaduct (Bridge over Land) (1.86 miles)

LOCATION: Tampa
NAPOLEON BONAPARTE BROWARD BRIDGE AT DAMES POINT

RECORD: Longest Span (1,300 feet)

LOCATION: I-295 East over the Saint Johns River, North Jacksonville
ST. ELMO W. ACOSTA BRIDGE

RECORDS: Longest Girder Span (630 feet), Longest Concrete Girder Span, Longest and Deepest (38’) Concrete Box Girder Span

LOCATION: SR-13 over the Saint Johns River, Downtown Jacksonville
HATHAWAY BRIDGE

RECORDS: Longest Precast Concrete Segmental Box Girder Span (330 feet) and Largest Monolithic Precast Concrete Box Segment

LOCATION: US-98 over Saint Andrews Bay, Panama City
MOORE HAVEN BRIDGE

**RECORD:** Longest Prestressed Concrete I Girder Span (320 feet)

**LOCATION:** US-27 over the Caloosahatchee River, Moore Haven
REGENCY BYPASS FLYOVER

RECORD: Longest Steel Box Girder Span (372 feet)

LOCATION: Arlington Expressway (SR-115), Jacksonville
NEW RIVER BRIDGE

RECORD: Longest Steel I Girder Span (300 feet)

LOCATION: I-95 over New River, Ft. Lauderdale
**JOHN T. ALSOP, JR. BRIDGE (MAIN STREET)**

**RECORD:** Longest Movable Vertical Lift Span (365 feet)

**LOCATION:** Main Street (US-90) over the Saint Johns River, Downtown Jacksonville
2nd AVENUE BRIDGE

RECORD: Longest Movable Bascule Bridge Span (310 feet - Trunnion to Trunnion)

LOCATION: S.W. 2nd Avenue over the Miami River, Miami
Unique Examples

(TheSE are the only major bridges of their type on the State Highway System)

- **Cantilever Through Truss**: John E. Mathews Bridge, Jacksonville
- **Movable Bascule Span with Carina Piers**: E. Clay Shaw Bridge (17th St. Causeway), Ft. Lauderdale
- **Suspended Deck Through Truss**: Isaiah D. Hart Bridge, Jacksonville
- **Suspension**: Hal Adams Bridge, Lafayette/Suwannee County Line
- **Movable Swing Span**: US-17 over the Saint Mary's River, Florida/Georgia State Line
- **Tied Arch**: Myrtle Avenue Overpass, Jacksonville
- **Through and Deck Truss**: Apalachicola River Bridge at Blountstown, Calhoun/Liberty County Line
JOHN E. MATHEWS BRIDGE

UNIQUE EXAMPLE: Cantilever Though Truss and Fourth Longest Span (810 feet)

LOCATION: SR-115 over the Saint Johns River, Jacksonville
E. CLAY SHAW BRIDGE

UNIQUE EXAMPLE: Movable Bascule Span Supported by One-of-a-Kind Carina Piers (V Shape)

LOCATION: 17th Street Causeway, (SR-1A) over the Intracoastal Waterway, Ft. Lauderdale

SUPERIOR AESTHETICS: Architectural features and shapes of bascule piers; custom paint colors; and custom railings and roadway lights
ISAIAH D. HART BRIDGE

UNIQUE EXAMPLE: Though Truss with Suspended Deck, Third Longest Span (1,088 feet)

LOCATION: Alternate US-1 over the Saint Johns River, Jacksonville
HAL ADAMS BRIDGE

UNIQUE EXAMPLE: Suspension Bridge, Center Span Length 450 feet

LOCATION: SR-51 over the Suwannee River, Lafayette/Suwannee County Line
SAINT MARY’S RIVER BRIDGE

UNIQUE EXAMPLE: Movable Swing Span

LOCATION: SR-17 over the Saint Mary’s River, Florida/Georgia State Line
MYRTLE AVENUE OVERPASS

UNIQUE EXAMPLE:  Tied Arch

LOCATION:  I-95 over Myrtle Avenue, Jacksonville
APALACHICOLA RIVER BRIDGE AT BLOUNTSTOWN

**UNIQUE EXAMPLE:** Oldest Through and Deck Truss (In Service 1938) - Main Span 280 feet

**LOCATION:** SR-20 over the Apalachicola River, Calhoun/Liberty County Line near Blountstown
Superior Aesthetics

Boynton Beach Bascule Bridge:  East Ocean Avenue (SR-804) over the Intracoastal Waterway, Boynton Beach

Bridge of Lions:  State Road A1A over Matanzas River, Saint Augustine

Broadway Bridge:  East International Speedway Blvd. (US-92) over Halifax River, Daytona Beach

Clearwater Memorial Causeway Bridge:  State Road 60 over the Intracoastal Waterway, Clearwater

E. Clay Shaw Bridge (See photo under Unique Examples):  17th Street Causeway over the Intracoastal Waterway, Ft. Lauderdale

Hallandale Beach Bascule Bridge:  East Hallandale Beach Blvd. (SR-858) over the Intracoastal Waterway, Hallandale Beach

John Ringling Causeway Bridge:  John Ringling Causeway (SR-789) over the Intracoastal Waterway, Sarasota

John’s Pass Bascule Bridge:  Gulf Blvd. (SR-966) over John’s Pass, Treasure Island

N.W. 5th Street Bascule Bridge:  N. W. 5th Street over the Miami River, Miami

Royal Park Bascule Bridge:  State Road 704 over the Intracoastal Waterway, West Palm Beach

Sunshine Skyway Bridge (See Photo under Record Holders):  I–275 over Lower Tampa Bay from St. Petersburg to Terra Ceia
BOYNTON BEACH BASCULE BRIDGE

STRUCTURE TYPE & LOCATION: Movable Bascule Bridge, East Ocean Ave. (SR-804) over the Intracoastal Waterway, Boynton Beach

SUPERIOR AESTHETICS: Architectural features on bascule piers, custom paint colors, custom pedestrian railings and roadway lighting
BRIDGE OF LIONS

STRUCTURE TYPE & LOCATION: Movable Bascule Bridge, State Road A1A over Matanzas River, Saint Augustine

SUPERIOR AESTHETICS: Historical architectural features on bascule piers and roadway lighting, custom paint colors, special pedestrian railings and arched fascia beams - a pair of Medici lions made of marble are located at the bridge’s West entrance
BROADWAY BRIDGE

STRUCTURE TYPE & LOCATION: Precast Concrete Segmental Box Girder, East International Speedway Blvd. (US-92) over the Halifax River, Daytona Beach

SUPERIOR AESTHETICS: Beam spans lengthen as superstructure elevation increases and beam depth is variable; pier footings are not in view; oval columns with decorative tile bands; non-variable width of box girder bottom slab; aesthetic roadway lighting and pedestrian handrails; decorative tile panels on the pedestrian handrails at each pier location; and custom paint colors
CLEARWATER MEMORIAL CAUSEWAY BRIDGE

STRUCTURE TYPE & LOCATION: Cast-in-Place Concrete Segmental Box Girder, State Road 60 over Intracoastal Waterway, Clearwater

SUPERIOR AESTHETICS: Aesthetic column shapes and sizes; long beam spans with variable depth; and custom paint colors, pedestrian railings and highway lighting
HALLANDALE BEACH BASCULE BRIDGE

STRUCTURE TYPE & LOCATION: Movable Bascule Span and Cast-in-Place Concrete Post-Tensioned Box Girder Approaches, East Hallandale Beach Blvd. (SR-858) over the Intracoastal Waterway, Hallandale Beach

SUPERIOR AESTHETICS: Architectural features on bascule piers and custom paint colors
JOHN RINGLING CAUSEWAY BRIDGE

STRUCTURE TYPE & LOCATION: Precast Concrete Segmental Box Girder, John Ringling Causeway (SR-789) over the Intracoastal Waterway, Sarasota

SUPERIOR AESTHETICS: Aesthetic pier shapes with hidden footings; long, slender variable depth beam spans; a single instead of a dual box girder cross section; and custom paint colors, highway lighting and pedestrian railings
JOHN’S PASS BASCULE BRIDGE

STRUCTURE TYPE & LOCATION: Movable Bascule Bridge, Gulf Blvd. (SR-966) over John’s Pass, Treasure Island

SUPERIOR AESTHETICS: Architectural features on bascule piers, custom paint colors, custom pedestrian railings and decorative roadway lighting
N. W. 5TH STREET BRIDGE

STRUCTURE TYPE & LOCATION: Movable Bascule Bridge, N. W. 5th St. (US-441) over the Miami River, Miami

SUPERIOR AESTHETICS: Architectural features on bascule piers, custom paint colors, custom pedestrian railings and decorative roadway lighting
ROYAL PARK BASCULE BRIDGE

STRUCTURE TYPE & LOCATION: Movable Bascule Span and Cast-In-Place Concrete Segmental Box Girder Approach Spans, State Road 704 over the Intracoastal Waterway, West Palm Beach

SUPERIOR AESTHETICS: Architectural features on bascule piers, fixed piers and girders; custom paint colors; custom pedestrian railings; decorative roadway lighting; and pedestrian observation platforms