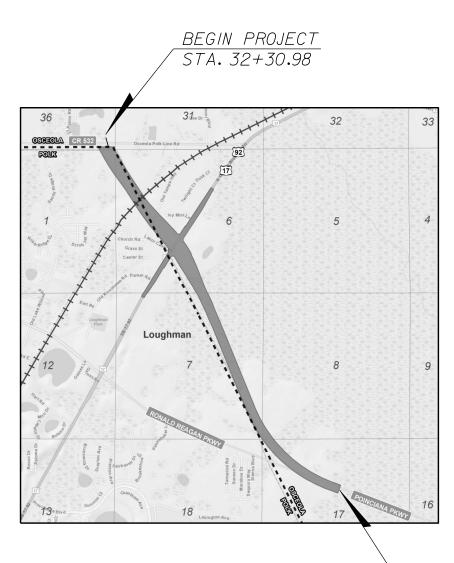
## TYPICAL SECTION PACKAGE

OSCEOLA COUNTY POLK COUNTY

STATE ROAD NO. 538 SR 538 POINCIANA PARKWAY EXTENSION PD&E STUDY (FROM CR 532 TO RONALD REAGAN PARKWAY)

CFX PROJECT NO. 599-224A





THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY:

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KIMLEY-HORN 189 SOUTH ORANGE AVE., SUITE 1000 ORLANDO, FLORIDA 32801 TEL: 407-898-1511 CERTIFICATE OF AUTHORIZATION 696 VENDOR NO: FRED BURKETT, P.E. NO. 45825

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004 F.A.C.

#### TYPICAL SECTION PACKAGE

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	TYPICAL SECTION NO. 1
3	TYPICAL SECTION NO. 2
4	TYPICAL SECTION NO. 3
5	TYPICAL SECTION NO. 4
6	TYPICAL SECTION NO.5
7	TYPICAL SECTION NO. 6
8	TYPICAL SECTION NO.7
9	TYPICAL SECTION NO.8
10	TYPICAL SECTION NO.9
//	TYPICAL SECTION NO. IC

END PROJECT STA. 200+75.00

## TYPICAL SECTION NO.1 SR 538

#### CONTEXT CLASSIFICATION

- () C1: NATURAL () C3C: SUBURBAN COMM.
  () C2: RURAL () C4: URBAN GENERAL
  () C2T: RURAL TOWN () C5: URBAN CENTER
- () C3R: TOWN () C6: URBAN CORE
- (X) N/A : LA FACILITY

#### FUNCTIONAL CLASSIFICATION

() MINOR COLL.

- () INTERSTATE () MAJOR COLL.
- () PRINCIPAL ARTERIAL () LOCAL
- ( ) MINOR ARTERIAL

(X) FREEWAY/EXPWY.

#### HIGHWAY SYSTEM

- ( ) NATIONAL HIGHWAY SYSTEM
- ( ) STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF STATE HIGHWAY SYSTEM

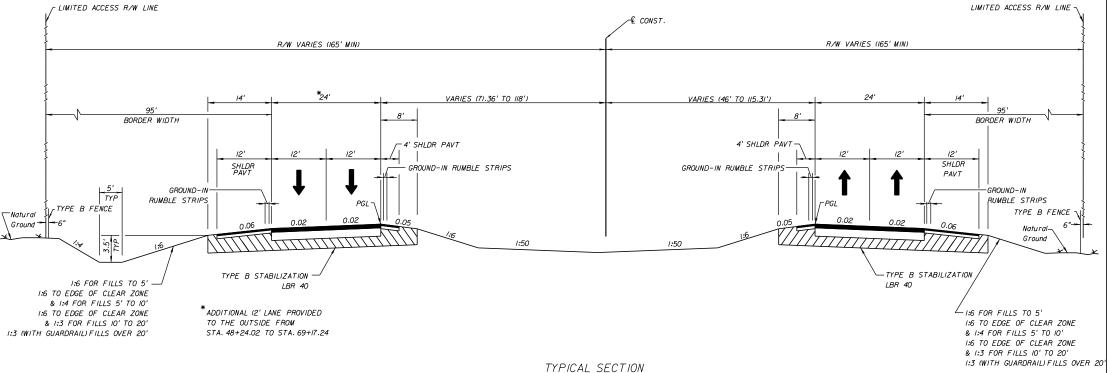
#### ACCESS CLASSIFICATION

- (X) 1 FREEWAY
- () 2 RESTRICTIVE W/Service Roads
- () 3 RESTRICTIVE W/660 ft. Connection Spacing
- () 4 NON-RESTRICTIVE W/2640 ft. Signal Spacing
- () 5 RESTRICTIVE W/440 ft. Connection Spacing
- () 6 NON-RESTRICTIVE W/1320 ft. Signal Spacing
- () 7 BOTH MEDIAN TYPES

#### CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

## POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:



TYPICAL SECTION SR 538 STA 46+65.53 TO STA 73+11.38

#### TRAFFIC DATA

CURRENT YEAR = 2019 AADT = N/AESTIMATED OPENING YEAR = 2025 AADT = 22,600ESTIMATED DESIGN YEAR = 2045 AADT = 28,000K = 11%. D = 60%. T (24 + 00R) = 6%.

DESIGN SPEED = 70 MPH POSTED SPEED = 65 MPH

SHEET NO.

## TYPICAL SECTION NO.2 SR 538

#### CONTEXT CLASSIFICATION

- () C1: NATURAL () C
- () C3C : SUBURBAN COMM.
- () C2: RURAL () C2T: RURAL TOWN
- () C4: URBAN GENERAL() C5: URBAN CENTER
- () C3R: TOWN () C6: URBAN CORE
- (X) N/A : LA FACILITY

#### FUNCTIONAL CLASSIFICATION

- () INTERSTATE
- () MAJOR COLL.
- (X) FREEWAY/EXPWY.
- ( ) MINOR COLL.
- ) PRINCIPAL ARTERIAL () LOCAL
- ( ) MINOR ARTERIAL

#### HIGHWAY SYSTEM

- ( ) NATIONAL HIGHWAY SYSTEM
- ( ) STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF STATE HIGHWAY SYSTEM

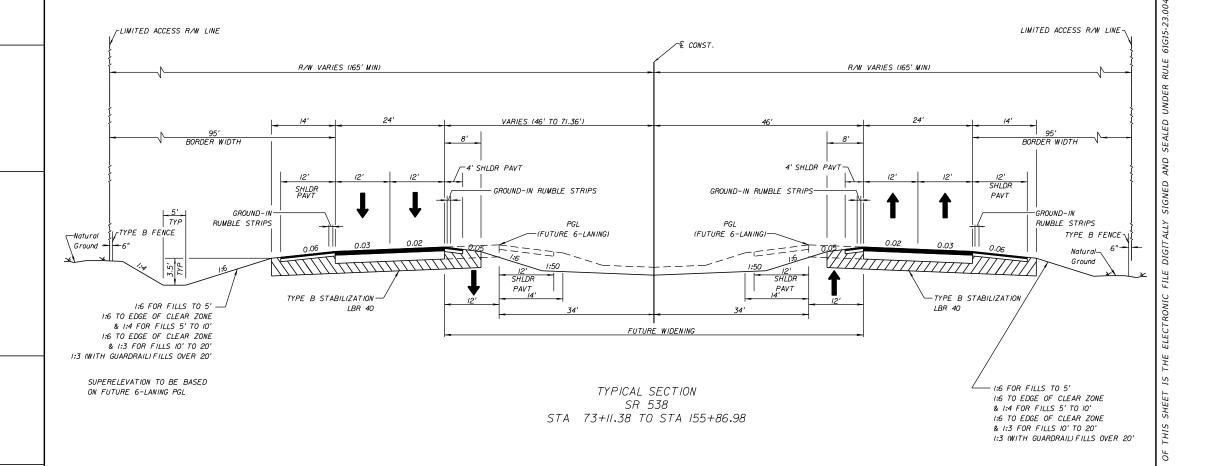
#### ACCESS CLASSIFICATION

- (X) 1 FREEWAY
- () 2 RESTRICTIVE W/Service Roads
- () 3 RESTRICTIVE W/660 ft. Connection Spacing
- () 4 NON-RESTRICTIVE W/2640 ft. Signal Spacing
- () 5 RESTRICTIVE W/440 ft. Connection Spacing
- () 6 NON-RESTRICTIVE W/1320 ft. Signal Spacing
- () 7 BOTH MEDIAN TYPES

#### CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

## POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:



#### TRAFFIC DATA

CURRENT YEAR = 2019 AADT = N/AESTIMATED OPENING YEAR = 2025 AADT = 22,600ESTIMATED DESIGN YEAR = 2045 AADT = 28,000K = 11%. D = 60%. T (24 HOUR) = 6%.

DESIGN SPEED = 70 MPH POSTED SPEED = 65 MPH

SHEET NO.

# TYPICAL SECTION NO.3 SR 538

#### CONTEXT CLASSIFICATION

- () C1: NATURAL () C3C: SUBURBAN COMM.
  () C2: RURAL () C4: URBAN GENERAL
  () C2T: RURAL TOWN () C5: URBAN CENTER
- () C3R: TOWN () C6: URBAN CORE
- (X) N/A : LA FACILITY

#### FUNCTIONAL CLASSIFICATION

- () INTERSTATE () MAJOR COLL.
- (X) FREEWAY/EXPWY. ( ) MINOR COLL.( ) PRINCIPAL ARTERIAL ( ) LOCAL
- ( ) MINOR ARTERIAL

#### HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- ( ) STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF STATE HIGHWAY SYSTEM

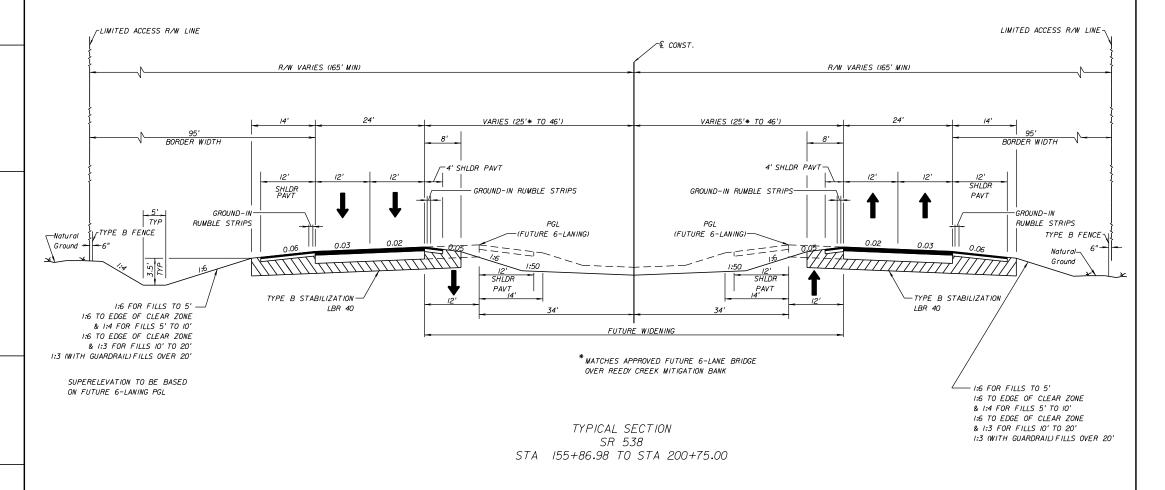
#### ACCESS CLASSIFICATION

- (X) 1 FREEWAY
- () 2 RESTRICTIVE W/Service Roads
- () 3 RESTRICTIVE W/660 ft. Connection Spacing
- () 4 NON-RESTRICTIVE W/2640 ft. Signal Spacing
- () 5 RESTRICTIVE W/440 ft. Connection Spacing
- () 6 NON-RESTRICTIVE W/1320 ft. Signal Spacing
- () 7 BOTH MEDIAN TYPES

#### CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

## POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:



#### TRAFFIC DATA

CURRENT YEAR = 2019 AADT = N/A
ESTIMATED OPENING YEAR = 2025 AADT = 22,600
ESTIMATED DESIGN YEAR = 2045 AADT = 28,000
K = II%. D = 60%. T (24 HOUR) = 6%.
DESIGN SPEED = 70 MPH
POSTED SPEED = 65 MPH

SHEET NO.

### TYPICAL SECTION NO.4 SR 538

#### CONTEXT CLASSIFICATION

() C1: NATURAL () C3C: SUBURBAN COMM.
() C2: RURAL () C4: URBAN GENERAL
() C2T: RURAL TOWN () C5: URBAN CENTER
() C3R: TOWN () C6: URBAN CORE

(X) N/A : LA FACILITY

#### FUNCTIONAL CLASSIFICATION

() INTERSTATE () MAJOR COLL.

(X) FREEWAY/EXPWY. () MINOR COLL.

() PRINCIPAL ARTERIAL () LOCAL

() MINOR ARTERIAL

#### HIGHWAY SYSTEM

( ) NATIONAL HIGHWAY SYSTEM

( ) STRATEGIC INTERMODAL SYSTEM

(X) STATE HIGHWAY SYSTEM

() OFF STATE HIGHWAY SYSTEM

#### ACCESS CLASSIFICATION

(X) 1 - FREEWAY

() 2 - RESTRICTIVE W/Service Roads

() 3 - RESTRICTIVE W/660 ft. Connection Spacing

() 4 - NON-RESTRICTIVE W/2640 ft. Signal Spacing

() 5 - RESTRICTIVE W/440 ft. Connection Spacing

() 6 - NON-RESTRICTIVE W/1320 ft. Signal Spacing

() 7 - BOTH MEDIAN TYPES

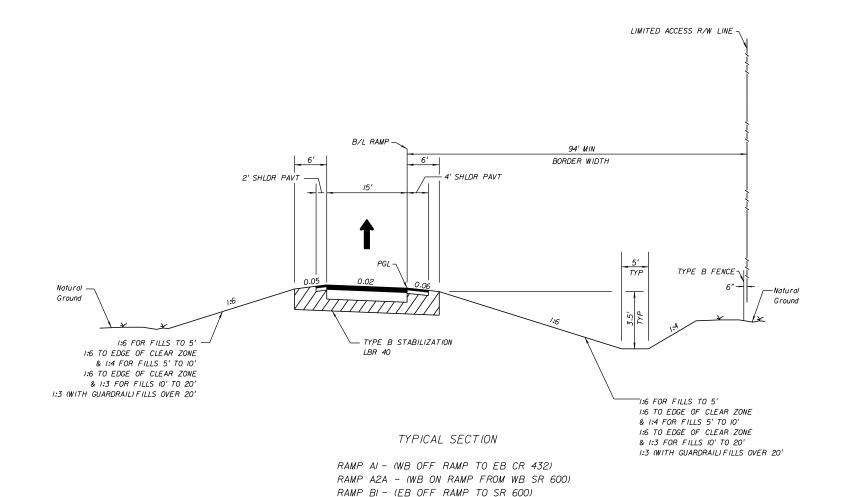
#### CRITERIA

(X) NEW CONSTRUCTION / RECONSTRUCTION

( ) RESURFACING (LA FACILITIES)

() RRR (ARTERIALS & COLLECTORS)

## POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:



RAMP CI - (EB ON RAMP FROM EB SR 600)

RAMP DIA - (WB OFF RAMP TO EB SR 600) RAMP D2 - (WB OFF RAMP TO SR 600) RAMP EI - (EB ON RAMP FROM EB CR 532)

RAMP E2 - (EB ON RAMP FROM WB CR 532)

TRAFFIC DATA

CURRENT YEAR = 2019 AADT = N/A ESTIMATED OPENING YEAR = 2025 AADT = TBD ESTIMATED DESIGN YEAR = 2045 AADT = TBD K = TBD D = TBD T (24 HOUR) = TBD

DESIGN SPEED = 50 MPH POSTED SPEED = 50 MPH SHEET NO.

## TYPICAL SECTION NO.5 SR 538

#### CONTEXT CLASSIFICATION

- () C1: NATURAL () C3C: SUBURBAN COMM.
  () C2: RURAL () C4: URBAN GENERAL
  () C2T: RURAL TOWN () C5: URBAN CENTER
  () C3R: TOWN () C6: URBAN CORE
- (X) N/A : LA FACILITY

#### FUNCTIONAL CLASSIFICATION

- () INTERSTATE () MAJOR COLL.
  (X) FREEWAY/EXPWY. () MINOR COLL.
  () PRINCIPAL ARTERIAL () LOCAL
- ( ) MINOR ARTERIAL

#### HIGHWAY SYSTEM

- ( ) NATIONAL HIGHWAY SYSTEM
- ( ) STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF STATE HIGHWAY SYSTEM

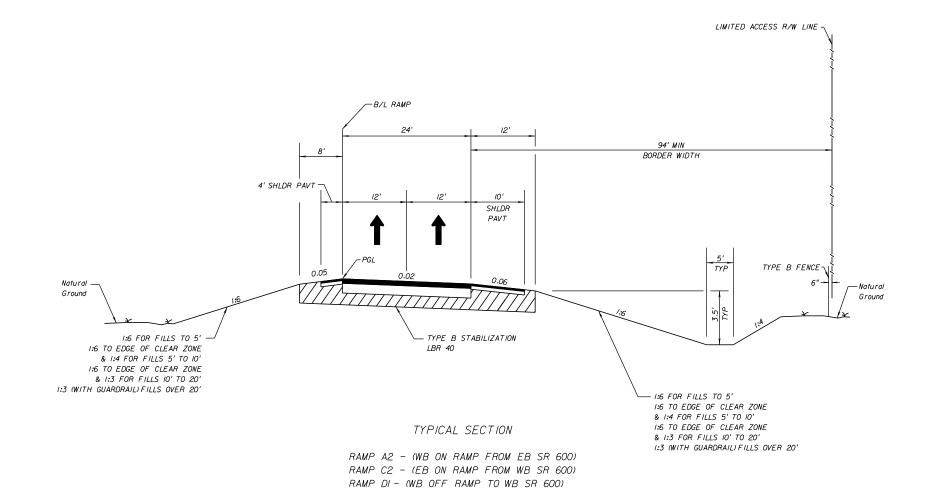
#### ACCESS CLASSIFICATION

- (X) 1 FREEWAY
- () 2 RESTRICTIVE W/Service Roads
- () 3 RESTRICTIVE W/660 ft. Connection Spacing
- () 4 NON-RESTRICTIVE W/2640 ft. Signal Spacing
- () 5 RESTRICTIVE W/440 ft. Connection Spacing
- () 6 NON-RESTRICTIVE W/1320 ft. Signal Spacing
- () 7 BOTH MEDIAN TYPES

#### CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

## POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:



#### TRAFFIC DATA

CURRENT YEAR = 2019 AADT = N/A ESTIMATED OPENING YEAR = 2025 AADT = TBD ESTIMATED DESIGN YEAR = 2045 AADT = TBD K = TBD D = TBD T (24 HOUR) = TBD DESIGN SPEED = 50 MPH

POSTED SPEED = 50 MPH

SHEET NO.

## TYPICAL SECTION NO.6 SR 538

#### CONTEXT CLASSIFICATION

- () C1: NATURAL () C3C: SUBURBAN COMM. () C2: RURAL () C4: URBAN GENERAL () C2T : RURAL TOWN () C5: URBAN CENTER
- () C3R: TOWN () C6: URBAN CORE
- (X) N/A : LA FACILITY

#### FUNCTIONAL CLASSIFICATION

- () MAJOR COLL. () INTERSTATE (X) FREEWAY/EXPWY. () MINOR COLL.
- () PRINCIPAL ARTERIAL () LOCAL
- ( ) MINOR ARTERIAL

#### HIGHWAY SYSTEM

- ( ) NATIONAL HIGHWAY SYSTEM
- ( ) STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF STATE HIGHWAY SYSTEM

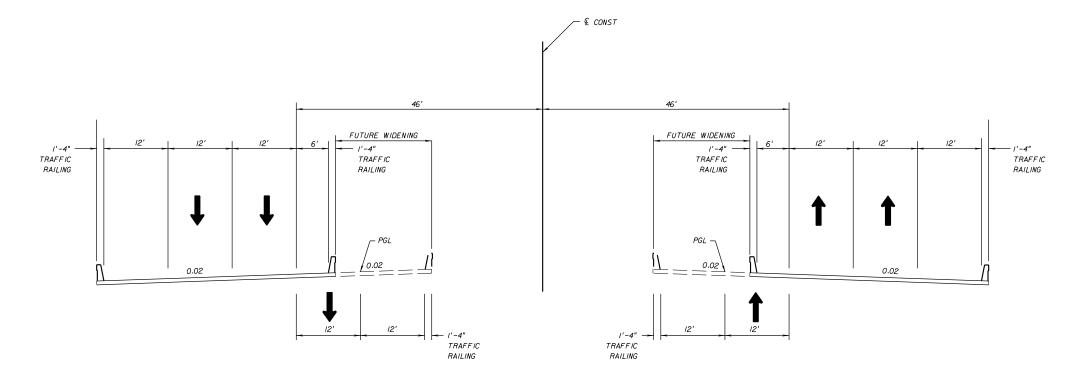
#### ACCESS CLASSIFICATION

- (X) 1 FREEWAY
- () 2 RESTRICTIVE W/Service Roads
- () 3 RESTRICTIVE W/660 ft. Connection Spacing
- () 4 NON-RESTRICTIVE W/2640 ft. Signal Spacing
- () 5 RESTRICTIVE W/440 ft. Connection Spacing
- () 6 NON-RESTRICTIVE W/1320 ft. Signal Spacing
- () 7 BOTH MEDIAN TYPES

#### CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

#### POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:



BRIDGE TYPICAL SECTION

BRIDGE NO. 6 - (WB OVER OLD TAMPA HWY) BRIDGE NO.9 - (WB OVER SR 600)

BRIDGE NO. 11 - (WB OVER MITIGATION BANK)

CURRENT YEAR = 2019 AADT = N/AESTIMATED OPENING YEAR = 2025 AADT = 22,600 ESTIMATED DESIGN YEAR = 2045 AADT = 28.000

K = II% D = 60% T (24 HOUR) = 6%

DESIGN SPEED = 70 MPH POSTED SPEED = 65 MPH

TRAFFIC DATA

SHEET NO.

BRIDGE TYPICAL SECTION

BRIDGE NO. 2 - (EB OVER CSX RR)

BRIDGE NO. 8 - (EB OVER SR 600)

BRIDGE NO. 5 - (EB OVER OLD TAMPA HWY)

BRIDGE NO. 10 - (EB OVER MITIGATION BANK)

## TYPICAL SECTION NO.7 SR 538

#### CONTEXT CLASSIFICATION

- () C1: NATURAL () C3C: SUBURBAN COMM. () C2: RURAL () C4: URBAN GENERAL
- () C2T : RURAL TOWN () C5: URBAN CENTER
- () C3R: TOWN () C6: URBAN CORE
- (X) N/A : LA FACILITY

#### FUNCTIONAL CLASSIFICATION

- () INTERSTATE () MAJOR COLL.
- () MINOR COLL. (X) FREEWAY/EXPWY.
- () PRINCIPAL ARTERIAL () LOCAL
- ( ) MINOR ARTERIAL

#### HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- ( ) STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF STATE HIGHWAY SYSTEM

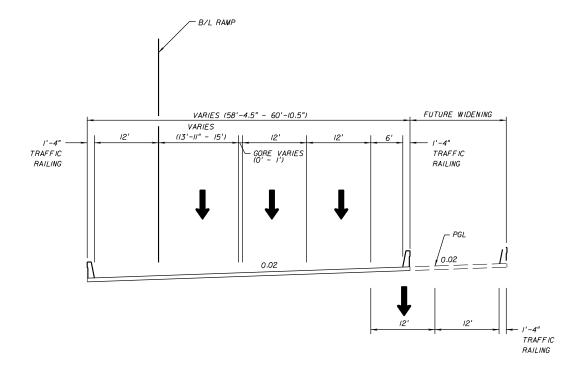
#### ACCESS CLASSIFICATION

- (X) 1 FREEWAY
- () 2 RESTRICTIVE W/Service Roads
- () 3 RESTRICTIVE W/660 ft. Connection Spacing
- () 4 NON-RESTRICTIVE W/2640 ft. Signal Spacing
- () 5 RESTRICTIVE W/440 ft. Connection Spacing
- () 6 NON-RESTRICTIVE W/1320 ft. Signal Spacing
- () 7 BOTH MEDIAN TYPES

#### CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

#### POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:



BRIDGE TYPICAL SECTION BRIDGE NO. 3 - (WB OVER CSX RR)

#### TRAFFIC DATA

CURRENT YEAR = 2019 AADT = N/AESTIMATED OPENING YEAR = 2025 AADT = 22,600 ESTIMATED DESIGN YEAR = 2045 AADT = 28.000

K = II% D = 60% T (24 HOUR) = 6%

DESIGN SPEED = 70 MPH POSTED SPEED = 65 MPH

SHEET NO.

## TYPICAL SECTION NO.8 SR 538

#### CONTEXT CLASSIFICATION

- () C1: NATURAL () C3C: SUBURBAN COMM. () C2: RURAL () C4: URBAN GENERAL ( ) C2T : RURAL TOWN () C5: URBAN CENTER () C3R: TOWN () C6: URBAN CORE
- (X) N/A : LA FACILITY

#### FUNCTIONAL CLASSIFICATION

- () INTERSTATE () MAJOR COLL. (X) FREEWAY/EXPWY. () MINOR COLL. () PRINCIPAL ARTERIAL () LOCAL
- ( ) MINOR ARTERIAL

#### HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- ( ) STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF STATE HIGHWAY SYSTEM

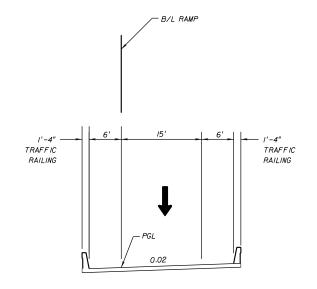
#### ACCESS CLASSIFICATION

- (X) 1 FREEWAY
- () 2 RESTRICTIVE W/Service Roads
- () 3 RESTRICTIVE W/660 ft. Connection Spacing
- () 4 NON-RESTRICTIVE W/2640 ft. Signal Spacing
- () 5 RESTRICTIVE W/440 ft. Connection Spacing
- () 6 NON-RESTRICTIVE W/1320 ft. Signal Spacing
- () 7 BOTH MEDIAN TYPES

#### CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

#### POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:



#### BRIDGE TYPICAL SECTION

BRIDGE NO. 1 - (EB ON RAMP OVER CSX RR) BRIDGE NO. 4 - (EB ON RAMP OVER OLD TAMPA HWY) BRIDGE NO.7 - (WB ON RAMP OVER OLD TAMPA HWY)

#### TRAFFIC DATA

CURRENT YEAR = 2019 AADT = N/AESTIMATED OPENING YEAR = 2025 AADT = TBD ESTIMATED DESIGN YEAR = 2045 AADT = TBD K = TBD D = TBD T (24 HOUR) = TBD

DESIGN SPEED = 50 MPH POSTED SPEED = 50 MPH

SHEET NO.

## TYPICAL SECTION NO.9 CR 532

#### CONTEXT CLASSIFICATION

- () C1: NATURAL () C3C: SUBURBAN COMM. (X) C2: RURAL () C4: URBAN GENERAL () C2T : RURAL TOWN () C5: URBAN CENTER () C3R: TOWN () C6: URBAN CORE
- ( ) N/A : LA FACILITY

#### FUNCTIONAL CLASSIFICATION

- () INTERSTATE () MAJOR COLL. () MINOR COLL. () FREEWAY/EXPWY. () PRINCIPAL ARTERIAL () LOCAL
- (X) MINOR ARTERIAL

#### HIGHWAY SYSTEM

- () NATIONAL HIGHWAY SYSTEM
- ( ) STRATEGIC INTERMODAL SYSTEM
- () STATE HIGHWAY SYSTEM
- (X) OFF STATE HIGHWAY SYSTEM

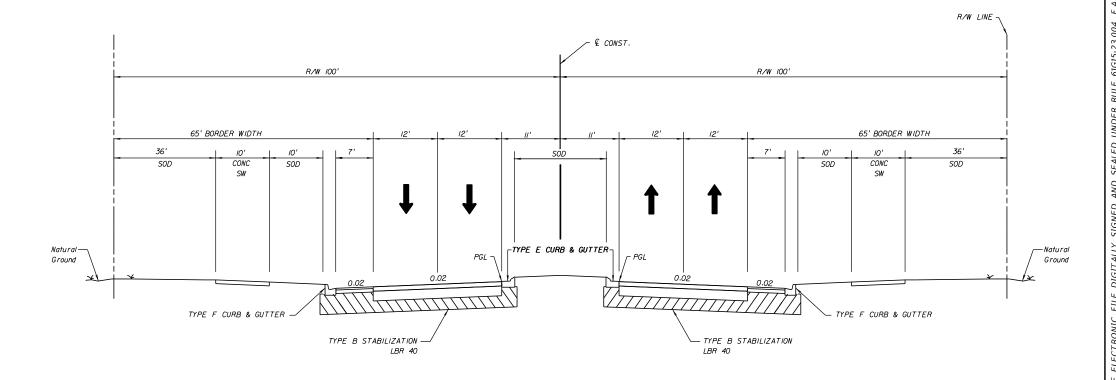
#### ACCESS CLASSIFICATION

- () 1 FREEWAY
- () 2 RESTRICTIVE W/Service Roads
- () 3 RESTRICTIVE W/660 ft. Connection Spacing
- () 4 NON-RESTRICTIVE W/2640 ft. Signal Spacing
- (X) 5 RESTRICTIVE W/440 ft. Connection Spacing
- () 6 NON-RESTRICTIVE W/1320 ft. Signal Spacing
- () 7 BOTH MEDIAN TYPES

#### CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

#### POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:



TYPICAL SECTION CR 532

#### TRAFFIC DATA

CURRENT YEAR = 2019 AADT = N/AESTIMATED OPENING YEAR = 2025 AADT = TBDESTIMATED DESIGN YEAR = 2045 AADT = TBD K = TBD D = TBD T (24 HOUR) = TBDDESIGN SPEED = 45 MPH

POSTED SPEED = 45 MPH

SHEET NO.

## TYPICAL SECTION NO.10 SR 600 (US 17/92)

#### CONTEXT CLASSIFICATION

- () C1: NATURAL () C3C: SUBURBAN COMM.

  (X) C2: RURAL () C4: URBAN GENERAL

  () C2T: RURAL TOWN () C5: URBAN CENTER

  () C3R: TOWN () C6: URBAN CORE
- ( ) N/A : LA FACILITY

#### FUNCTIONAL CLASSIFICATION

- () INTERSTATE
  () FREEWAY/EXPWY.
  () MINOR COLL.
  (X) PRINCIPAL ARTERIAL
  () LOCAL
- ( ) MINOR ARTERIAL

#### HIGHWAY SYSTEM

- (X) NATIONAL HIGHWAY SYSTEM
- ( ) STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
- () OFF STATE HIGHWAY SYSTEM

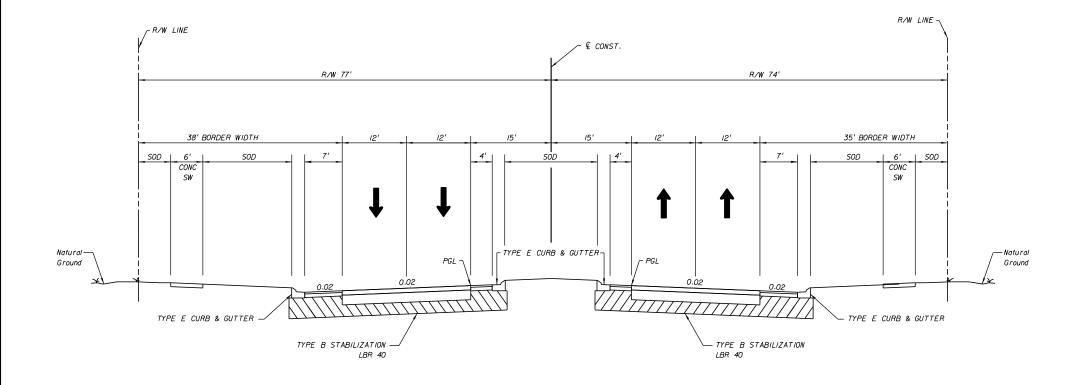
#### ACCESS CLASSIFICATION

- () 1 FREEWAY
- () 2 RESTRICTIVE W/Service Roads
- (X) 3 RESTRICTIVE W/660 ft. Connection Spacing
- () 4 NON-RESTRICTIVE W/2640 ft. Signal Spacing
- () 5 RESTRICTIVE W/440 ft. Connection Spacing
- () 6 NON-RESTRICTIVE W/1320 ft. Signal Spacing
- () 7 BOTH MEDIAN TYPES

#### CRITERIA

- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- () RRR (ARTERIALS & COLLECTORS)

## POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:



TYPICAL SECTION SR 600 (US 17/92)

#### TRAFFIC DATA

CURRENT YEAR = 2019 AADT = N/A
ESTIMATED OPENING YEAR = 2025 AADT = TBD

ESTIMATED DESIGN YEAR = 2045 AADT = TBD

K = TBD D = TBD T (24 HOUR) = TBD

DESIGN SPEED = 55 MPH

POSTED SPEED = 55 MPH

SHEET NO.