

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION PACKAGE

FINANCIAL PROJECT ID 451026-1-52-01

MANATEE COUNTY (13010)

STATE ROAD NO. 45 (US 41)

RESURFACING FROM N. OF MAGELLAN DR.

TO N. OF 63RD AVE W.

FDOT DISTRICT DESIGN ENGINEER

FDOT DISTRICT TRAFFIC OPERATIONS ENGINEER

CONCURRING WITH:
TYPICAL SECTION ELEMENTS
TARGET SPEED
DESIGN & POSTED SPEEDS

CONCURRING WITH:
TARGET SPEED
DESIGN & POSTED SPEEDS

FDOT DISTRICT INTERMODAL SYSTEMS DEVELOPMENT MANAGER

FDOT DISTRICT STRUCTURES DESIGN ENGINEER

CONCURRING WITH:
CONTEXT CLASSIFICATION
TARGET SPEED

CONCURRING WITH:
TYPICAL SECTION ELEMENTS

FHWA TRANSPORTATION ENGINEER

LOCAL TRANSPORTATION ENGINEER

CONCURRING WITH:
TYPICAL SECTION ELEMENTS

CONCURRING WITH:
TYPICAL SECTION ELEMENTS

NOT USED

NOT USED

CONCURRING WITH:

CONCURRING WITH:

PROJECT LOCATION URL: <https://tinyurl.com/24dbp62r>

PROJECT DESCRIPTION: RESURFACING

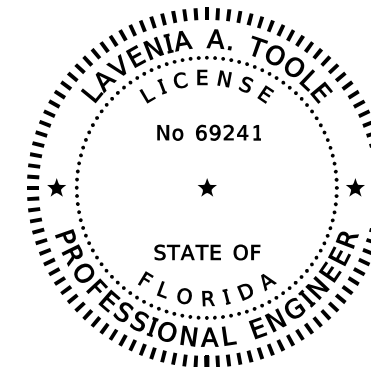
PROJECT LIMITS: BEGIN MP 2.095 - END MP 3.017

EXCEPTIONS: NONE

BRIDGE LIMITS: #130082 (MP 2.088 - MP 2.116)

RAILROAD CROSSING: NONE

APPROVED BY:



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

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FLORIDA DEPARTMENT OF TRANSPORTATION
801 N. BROADWAY AVE.
BARTOW, FL 33830-3809
LAVENIA A. TOOLE, P.E. NO. 69241

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	BRIDGE SECTION NO. 1

SHEET NO.

1

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : NATURAL (X) C3C : SUBURBAN COMM. (MP 2.252 TO MP 3.017)
- () C2 : RURAL (X) C4 : URBAN GENERAL (MP 2.095 TO MP 2.252)
- () C2T : RURAL TOWN () C5 : URBAN CENTER
- () C3R : SUBURBAN RES. () C6 : URBAN CORE
- () N/A : L.A. FACILITY

FUNCTIONAL CLASSIFICATION

- () INTERSTATE () MAJOR COLLECTOR
- () FREEWAY/EXPWY. () MINOR COLLECTOR
- (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
- () 3 - RESTRICTIVE w/660 ft. Connection Spacing
- () 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- () 5 - RESTRICTIVE w/440 ft. Connection Spacing
- (X) 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing (MP 2.095 TO MP 2.550)
- (X) 7 - BOTH MEDIAN TYPES (MP 2.550 TO MP 3.017)

CRITERIA

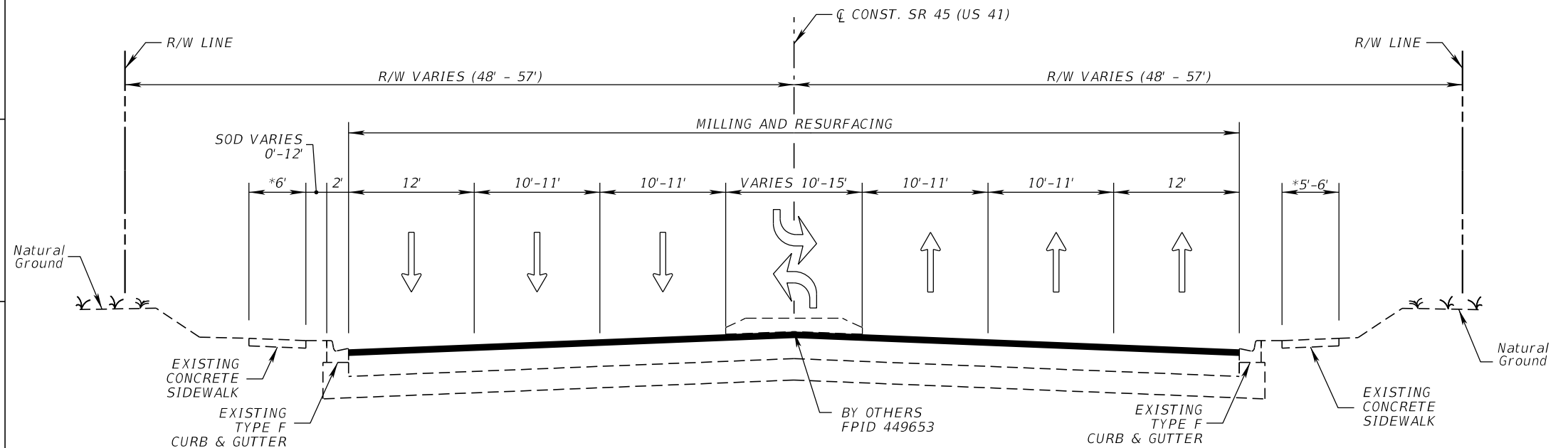
- () NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- (X) RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

DESIGN VARIATIONS:
NO BICYCLE FACILITIES
TWO-WAY LEFT TURN LANE LESS THAN 12'

DESIGN EXCEPTIONS:
NONE

TYPICAL SECTION No. 01



* 433592-4 WILL BE CONSTRUCTING SIDEWALK GAPS

**TYPICAL SECTION
SR 45 (US 41)
MP 2.088 TO MP 3.017**

**BRIDGE
#130082 (MP 2.088 TO MP 2.116)**

TRAFFIC DATA

CURRENT YEAR = 2023 AADT = 42,800
ESTIMATED OPENING YEAR = 2027 AADT = 44,500
ESTIMATED DESIGN YEAR = 2047 AADT = 53,100
K = 9.0% D = 54.0% T = 3.6% (24 HOUR)
DESIGN HOUR T = 1.8%
DESIGN SPEED = 40 MPH
POSTED SPEED = 40 MPH
TARGET SPEED = 40 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
451026-1-52-01	2

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PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : NATURAL () C3C : SUBURBAN COMM.
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- () STRATEGIC INTERMODAL SYSTEM
- (X) STATE HIGHWAY SYSTEM
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CRITERIA

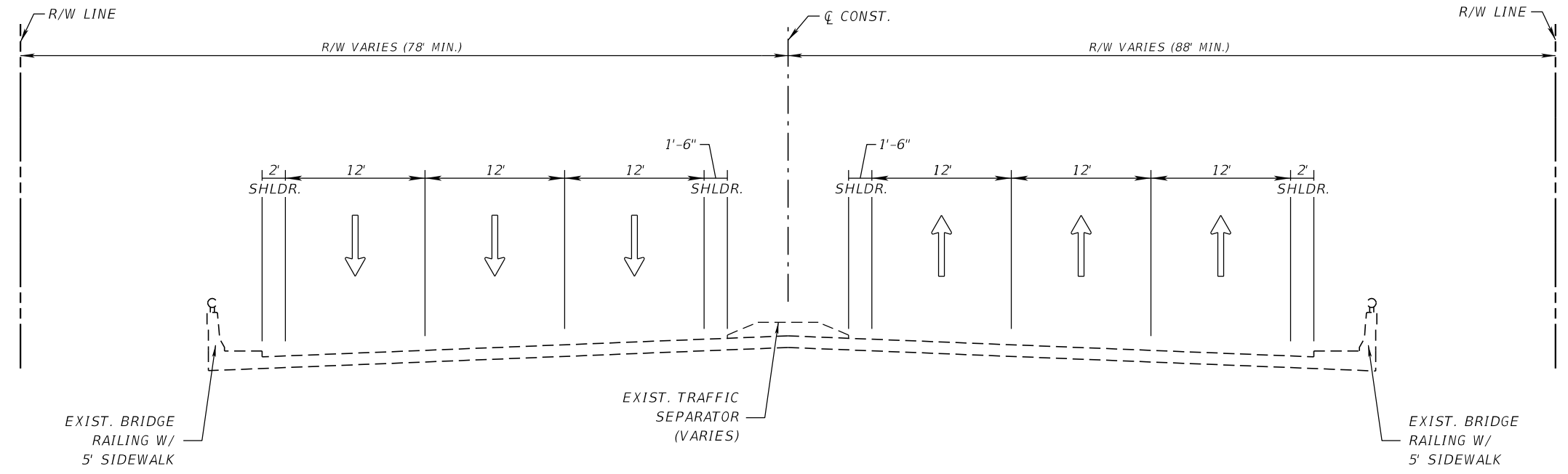
- () NEW CONSTRUCTION / RECONSTRUCTION
- () RESURFACING (LA FACILITIES)
- (X) RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

DESIGN VARIATIONS:
NO BICYCLE FACILITIES

DESIGN EXCEPTIONS:
BRIDGE SHOULDER WIDTHS < 4 FT

BRIDGE SECTION No. 01



**BRIDGE SECTION
SR 45 (US 41)
#130082
MP 2.088 TO MP 2.116**

TRAFFIC DATA

CURRENT YEAR = 2023 AADT = 42,800
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451026-1-52-01	3

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