

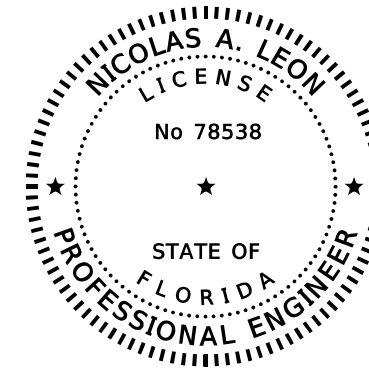
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION PACKAGE

FINANCIAL PROJECT ID 444612-1-52-01
(FEDERAL FUNDS)
MANATEE COUNTY (13010)
STATE ROAD NO. 45
RESURFACING OF SR 45 FROM EDWARDS DRIVE
TO MAGELLAN DRIVE

APPROVED BY:

THIS ITEM HAS BEEN DIGITALLY
SIGNED AND SEALED BY



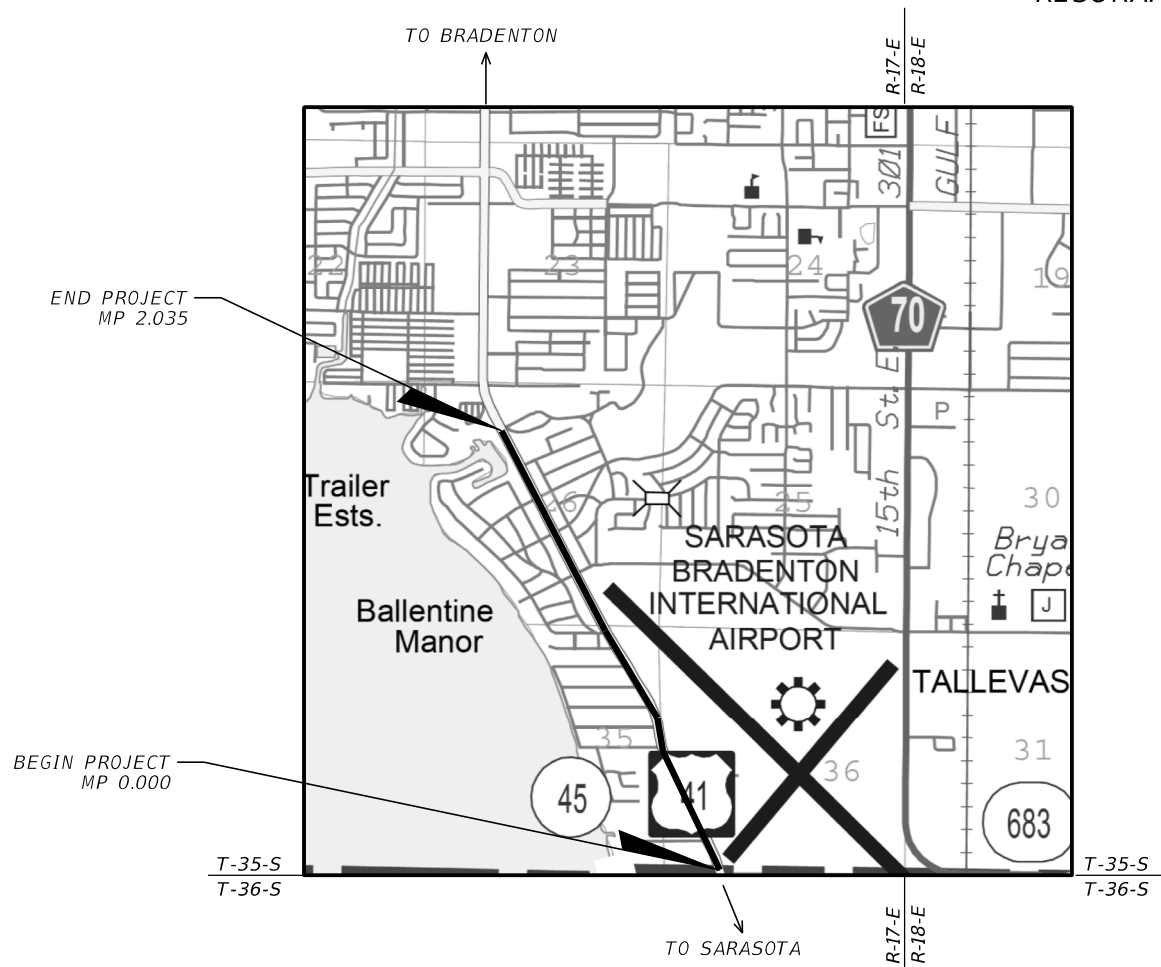
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FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT ONE OFFICE
801 N. BROADWAY AVENUE
BARTOW, FL 33830
NICOLAS A. LEON, P.E. NO. 78538

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



TYPICAL SECTION CONCURRENCE

FDOT DISTRICT DESIGN ENGINEER

FDOT DISTRICT STRUCTURES
DESIGN ENGINEER

FHWA TRANSPORTATION ENGINEER

DESIGN SPEED AND POSTED
SPEED CONCURRENCE:

CONTEXT CLASSIFICATION
CONCURRENCE:

FDOT DISTRICT TRAFFIC OPERATIONS
ENGINEER

FDOT DISTRICT DESIGN ENGINEER

FDOT DISTRICT INTERMODAL SYSTEMS
DEVELOPMENT MANAGER

SHEET
NO.

1

PROJECT CONTROLS

CONTEXT CLASSIFICATION

- () C1 : NATURAL () C3C : SUBURBAN COMM.
- () C2 : RURAL (X) C4 : URBAN GENERAL
- () 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
- () 7 - BOTH MEDIAN TYPES

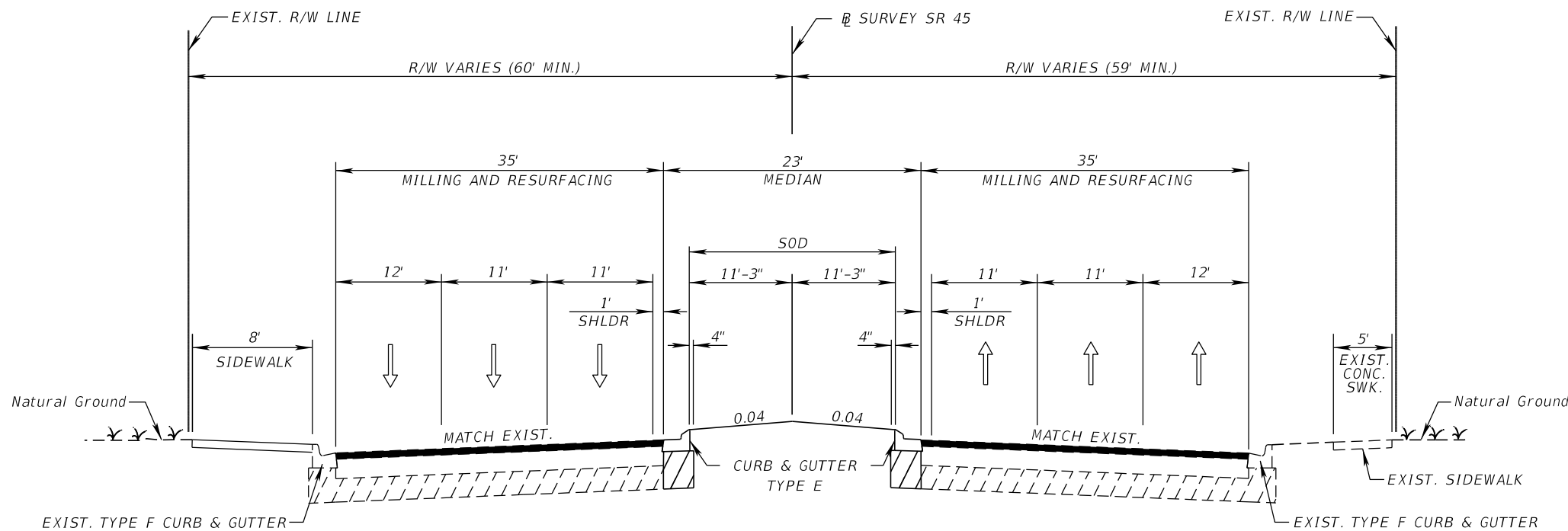
CRITERIA

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

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

- DESIGN VARIATIONS:
- CROSS SLOPE
 - SUPERELEVATION

TYPICAL SECTION No. 01



**TYPICAL SECTION
SR 45 (US 41)
STA. 1203+50.24 TO STA. 1313+09.95**

TRAFFIC DATA

CURRENT YEAR = 2020 AADT = 46900
 ESTIMATED OPENING YEAR = 2023 AADT = 49300
 ESTIMATED DESIGN YEAR = 2043 AADT = 65600
 K = 9% D = 54.5% T = 3% (24 HOUR)
 DESIGN HOUR T = 1.5%
 DESIGN SPEED = 45 MPH
 POSTED SPEED = 45 MPH
 TARGET SPEED = 45 MPH

FINANCIAL PROJECT ID	SHEET NO.
444612-1-52-01	2

1/20/2022 5:07:42 PM K:\AK\MSR C:\Projects\FDOT\44461215201\Roadway\TYPRD01.dgn

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