

*STATE OF FLORIDA*  
*DEPARTMENT OF TRANSPORTATION*

*TYPICAL SECTION PACKAGE*

FINANCIAL PROJECT ID 447435-1-52-01

POLK COUNTY (16119)

STATE ROAD NO. 540

RESURFACING FROM E. OF JIM KEENE BLVD  
TO W. OF SR 620

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

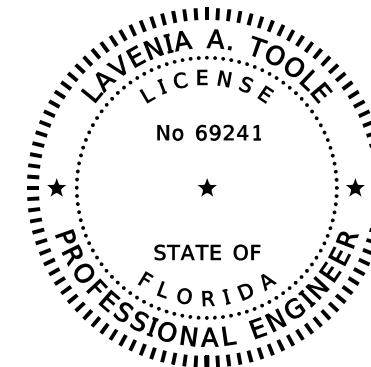
NOT USED

CONCURRING WITH:

CONCURRING WITH:

PROJECT LOCATION URL: <https://tinyurl.com/2bzdv92c>  
PROJECT DESCRIPTION: RESURFACING  
PROJECT LIMITS: BEGIN MP 6.266 - END MP 9.211  
EXCEPTIONS: NONE  
RAILROAD CROSSING: NONE

APPROVED BY:



THIS ITEM HAS BEEN DIGITALLY  
SIGNED AND SEALED BY

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE  
NOT CONSIDERED SIGNED AND SEALED  
AND THE SIGNATURE MUST BE VERIFIED  
ON ANY ELECTRONIC COPIES.

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	TYPICAL SECTION NO. 2
4	TYPICAL SECTION NO. 3

SHEET  
NO.

1

**PROJECT CONTROLS**

**CONTEXT CLASSIFICATION**

- ( ) C1 : NATURAL            ( ) C3C : SUBURBAN COMM.
- (X) C2 : RURAL            ( ) 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
- ( ) PRINCIPAL ARTERIAL ( ) LOCAL
- (X) MINOR ARTERIAL

**HIGHWAY SYSTEM**

- ( ) 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**

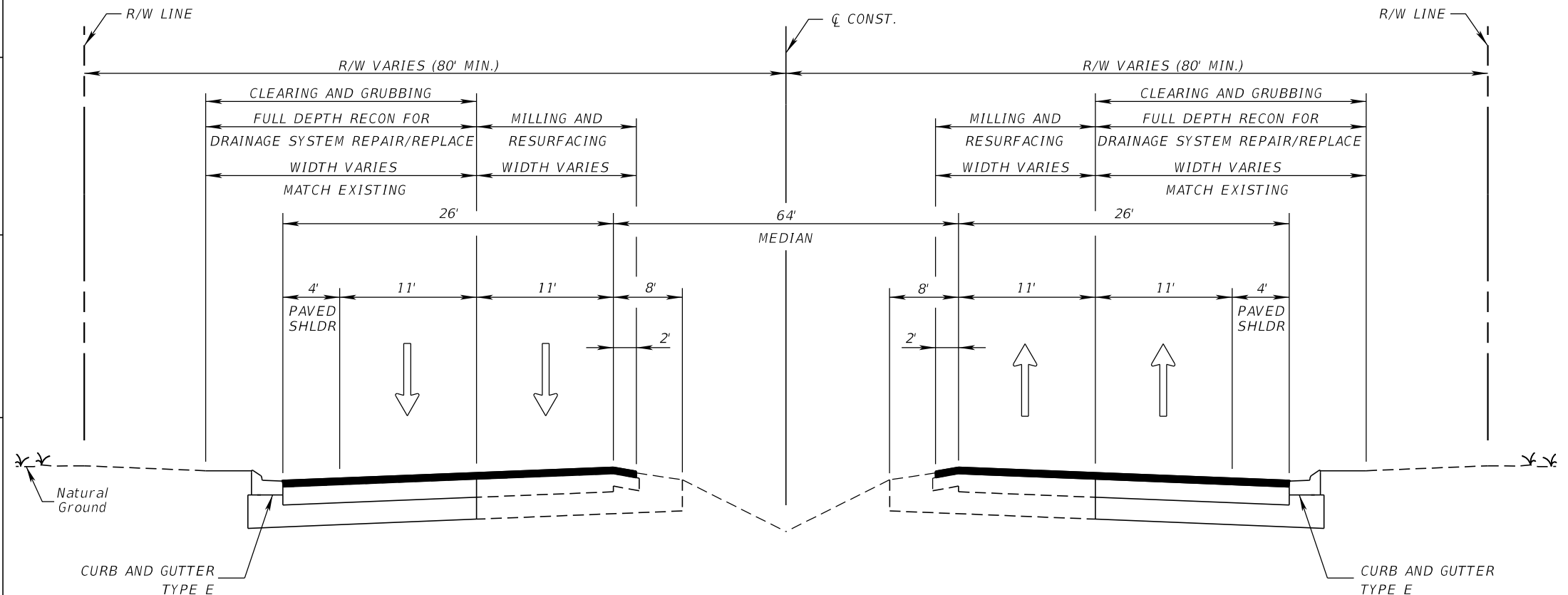
- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- ( ) RRR (ARTERIALS & COLLECTORS)

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

DESIGN VARIATIONS:  
 DESIGN SPEED < 55 MPH  
 LANE WIDTH < 12'  
 OUTSIDE OFFSET < 6.5'

DESIGN EXCEPTIONS:  
 NONE

**TYPICAL SECTION No. 01**



SR 540  
 MP 6.266 TO MP 6.922

**TRAFFIC DATA**

CURRENT YEAR = 2023 AADT = 27,000  
 ESTIMATED OPENING YEAR = 2028 AADT = 29,000  
 ESTIMATED DESIGN YEAR = 2048 AADT = 37,000  
 K = 9.5% D = 56.0% T = 6.9% (24 HOUR)  
 DESIGN HOUR T = 3.45%  
 DESIGN SPEED = 50 MPH  
 POSTED SPEED = 50 MPH  
 TARGET SPEED = 50 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
447435-1-52-01	2

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

**PROJECT CONTROLS**

**CONTEXT CLASSIFICATION**

- ( ) C1 : NATURAL                      ( ) C3C : SUBURBAN COMM.
- (X) C2 : RURAL                        ( ) C4 : URBAN GENERAL
- (MP 6.922 TO MP 6.977)
- ( ) C2T : RURAL TOWN                ( ) C5 : URBAN CENTER
- (X) C3R : SUBURBAN RES.            ( ) C6 : URBAN CORE
- (MP 6.977 TO MP 8.785)
- ( ) N/A : L.A. FACILITY

**FUNCTIONAL CLASSIFICATION**

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

**HIGHWAY SYSTEM**

- ( ) 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
- (MP 6.922 TO MP 7.122)
- ( ) 4 - NON-RESTRICTIVE w/2640 ft. Signal Spacing
- (X) 5 - RESTRICTIVE w/440 ft. Connection Spacing
- (MP 7.122 TO MP 8.785)
- ( ) 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- ( ) 7 - BOTH MEDIAN TYPES

**CRITERIA**

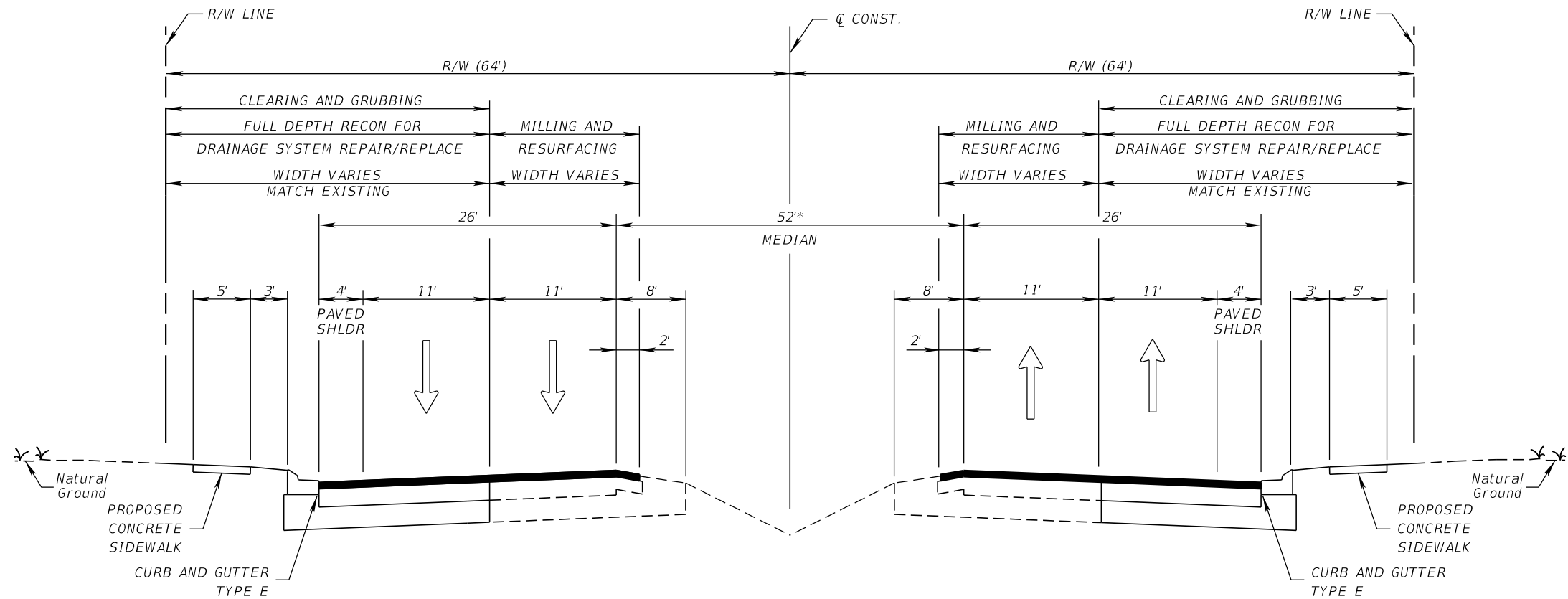
- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- ( ) RRR (ARTERIALS & COLLECTORS)

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

DESIGN VARIATIONS:  
 LANE WIDTH < 12'  
 DESIGN SPEED < 55 MPH FOR C2  
 OUTSIDE OFFSET < 6.5'

DESIGN EXCEPTIONS:  
 NONE

**TYPICAL SECTION No. 02**



SR 540  
 MP 6.922 TO MP 8.785

\*FROM MP 7.566 TO MP 8.163  
 MEDIAN WIDTH IS 40'

**TRAFFIC DATA**

CURRENT YEAR = 2023 AADT = 27,000  
 ESTIMATED OPENING YEAR = 2028 AADT = 29,000  
 ESTIMATED DESIGN YEAR = 2048 AADT = 37,000  
 K = 9.5% D = 56.0% T = 6.9% (24 HOUR)  
 DESIGN HOUR T = 3.45%  
 DESIGN SPEED = 50 MPH  
 POSTED SPEED = 50 MPH  
 TARGET SPEED = 50 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
447435-1-52-01	3

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

**PROJECT CONTROLS**

CONTEXT CLASSIFICATION

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

FUNCTIONAL CLASSIFICATION

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

HIGHWAY SYSTEM

- ( ) 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
- (X) 5 - RESTRICTIVE w/440 ft. Connection Spacing
- ( ) 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- ( ) 7 - BOTH MEDIAN TYPES

CRITERIA

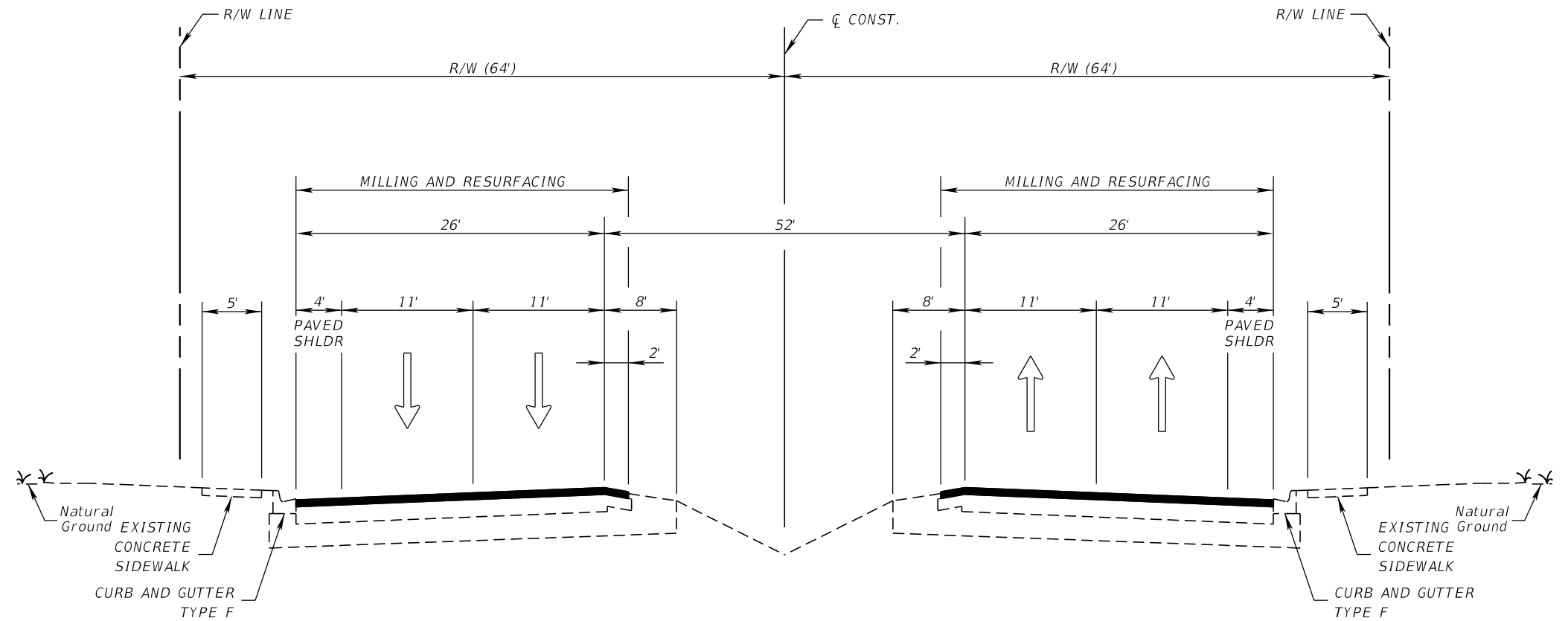
- ( ) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- (X) RRR (ARTERIALS & COLLECTORS)

POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

DESIGN VARIATIONS:  
 LANE WIDTH < 12'  
 OUTSIDE TYPE F C&G  
 OUTSIDE OFFSET < 6.5'

DESIGN EXCEPTIONS:  
 NONE

**TYPICAL SECTION No. 03**



SR 540  
 MP 8.785 TO MP 9.211

TRAFFIC DATA

CURRENT YEAR = 2023 AADT = 27,000  
 ESTIMATED OPENING YEAR = 2028 AADT = 29,000  
 ESTIMATED DESIGN YEAR = 2048 AADT = 37,000  
 K = 9.5% D = 56.0% T = 6.9% (24 HOUR)  
 DESIGN HOUR T = 3.45%  
 DESIGN SPEED = 50 MPH  
 POSTED SPEED = 55 MPH  
 TARGET SPEED = 55 MPH

NOT TO SCALE

FINANCIAL PROJECT ID	SHEET NO.
447435-1-52-01	4