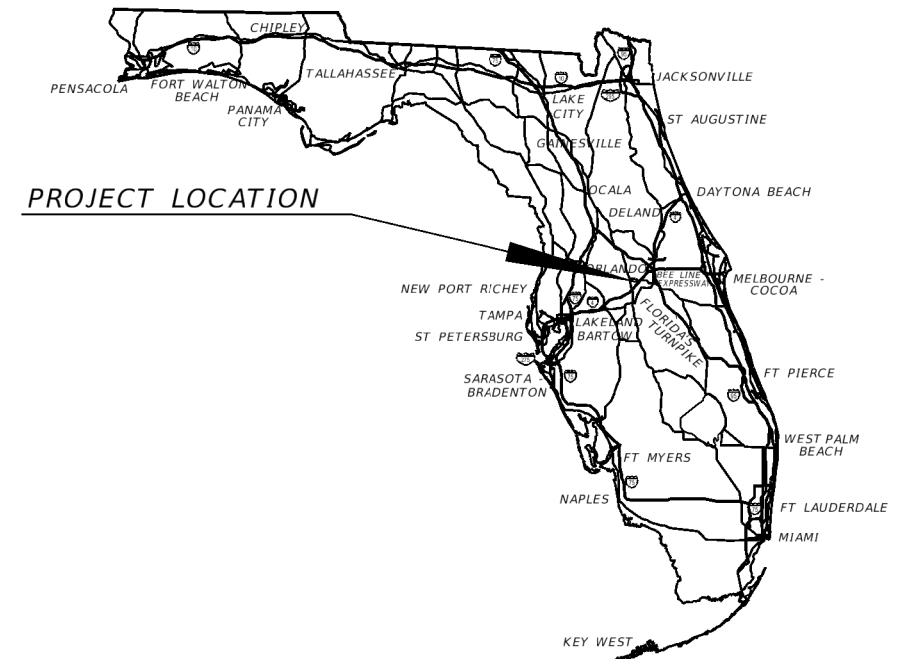


STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION  
**DRAFT**  
**TYPICAL SECTION PACKAGE**

FINANCIAL PROJECT ID 437174-2-22-01  
 (FEDERAL FUNDS)  
 OSCEOLA COUNTY (92040) & ORANGE COUNTY (75035)  
 STATE ROAD NO. 535

ADD LANES AND RECONSTRUCT FROM US 192 TO  
 NORTH OF WORLD CENTER DRIVE (SR 536)



FDOT DISTRICT DESIGN ENGINEER	FDOT DISTRICT TRAFFIC OPERATIONS ENGINEER
-------------------------------	---

CONCURRING WITH:  
 TYPICAL SECTION ELEMENTS  
 DESIGN & POSTED SPEEDS

CONCURRING WITH:  
 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

NOT USED

CONCURRING WITH:  
 TYPICAL SECTION ELEMENTS  
 TARGET SPEED

CONCURRING WITH:

NOT USED

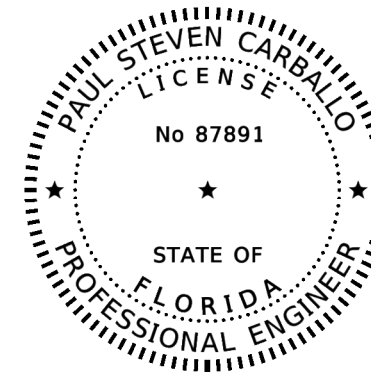
NOT USED

CONCURRING WITH:

CONCURRING WITH:

PROJECT LOCATION URL: <http://tinyurl.com/SR535>  
 PROJECT LIMITS: OSCEOLA COUNTY  
 MP 0.000 TO 1.147  
 ORANGE COUNTY  
 MP 0.000 TO 1.325  
 EXCEPTIONS: NONE  
 BRIDGE LIMITS: NONE  
 RAILROAD CROSSING: NONE

APPROVED BY:



THIS ITEM HAS BEEN DIGITALLY  
 SIGNED AND SEALED BY  
 PAUL STEVEN CARBALLO, P.E.

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.

METRIC ENGINEERING, INC.  
 13940 SW 136TH ST  
 MIAMI, FLORIDA, 33186  
 PAUL STEVEN CARBALLO, P.E. NO. 87891

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

INDEX OF SHEETS

SHEET NO	SHEET DESCRIPTION
01	COVER SHEET
02	TYPICAL SECTION - A
03	TYPICAL SECTION - B
04	TYPICAL SECTION - C
05	TYPICAL SECTION - D

SHEET  
NO.

01

S:\DATES - STIMES - S\USERS - S\pwor\kingdir\metric-pw\benley.com\metric-pw-01\diego.tamayo@metriceng.com\dms14147\TYPDRD02.dgn

**PROJECT CONTROLS**

**CONTEXT CLASSIFICATION**

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

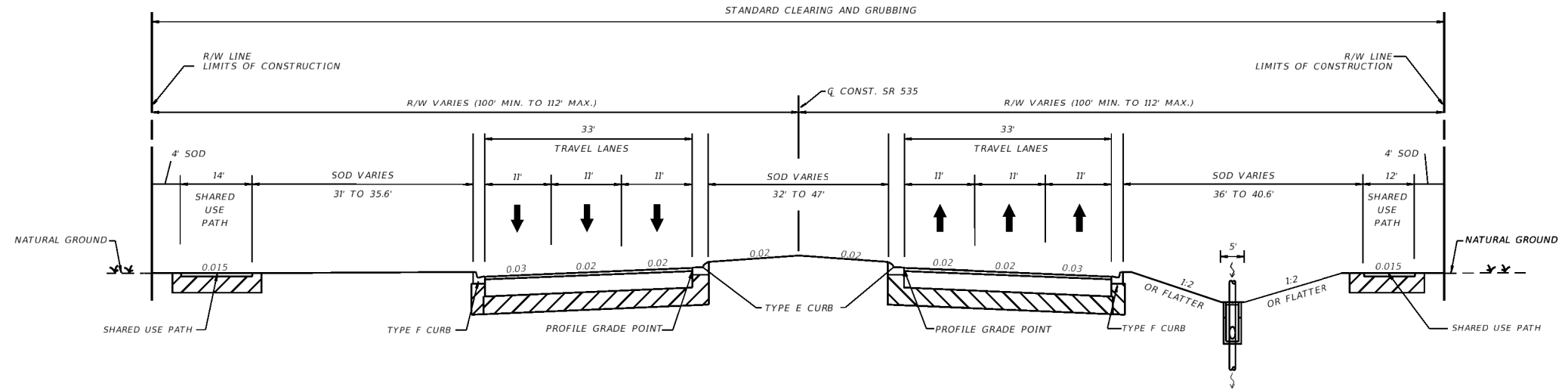
- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- ( ) RRR (ARTERIALS & COLLECTORS)

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

**DESIGN VARIATIONS**

N/A

**TYPICAL SECTION - A**



SR 535

NOT TO SCALE

STA. 1489+00.00 to STA. 1518+39.58

STA. 1519+68.44 to STA. 1568+24.47

STA. 1569+61.08 to STA. 1588+07.14

**TRAFFIC DATA**

EXISTING CONDITIONS =2020 AADT = 56,000  
 ESTIMATED OPENING YEAR =2025 AADT = 59,500  
 ESTIMATED DESIGN YEAR =2045 AADT = 73,500  
 K = 7.5% D = 52.2% T = 9.4% (72 HOUR)  
 DESIGN HOURS T = 12.0%  
 DESIGN SPEED = 45 MPH  
 POSTED SPEED = 45 MPH  
 TARGET SPEED = 45 MPH

FINANCIAL PROJECT ID

SHEET NO.

437174-2-22-01

02

**PROJECT CONTROLS**

**CONTEXT CLASSIFICATION**

- ( ) C1 : NATURAL            (X) C3C : SUBURBAN COMM.
- ( ) 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
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- ( ) 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- ( ) 7 - BOTH MEDIAN TYPES

**CRITERIA**

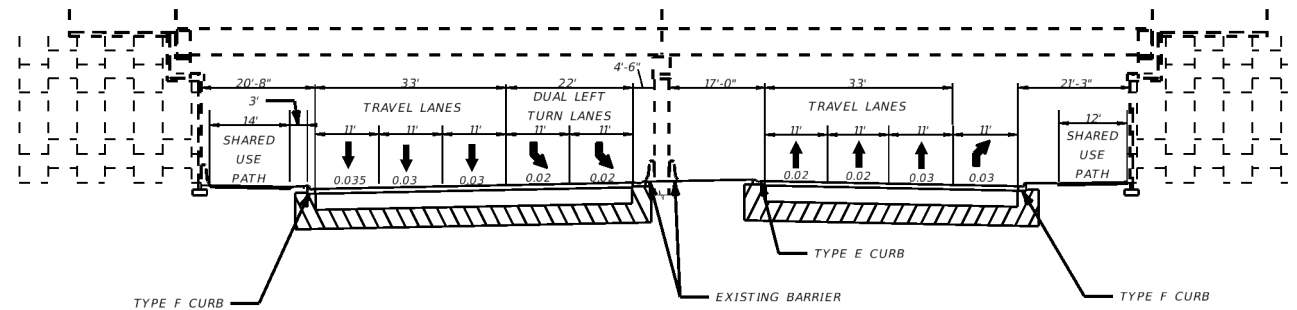
- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- ( ) RRR (ARTERIALS & COLLECTORS)

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

DESIGN VARIATIONS

N/A

**TYPICAL SECTION - B**



OSCEOLA PARKWAY OVER SR 535  
STA. 1518+39.58 to STA. 1519+68.44

NOT TO SCALE

**TRAFFIC DATA**

EXISTING CONDITIONS =2020 AADT = 56,000  
 ESTIMATED OPENING YEAR =2025 AADT = 59,500  
 ESTIMATED DESIGN YEAR =2045 AADT = 73,500  
 K = 7.5% D = 52.2% T = 9.4% (72 HOUR)  
 DESIGN HOURS T = 12.0%  
 DESIGN SPEED = 45 MPH  
 POSTED SPEED = 45 MPH  
 TARGET SPEED = 45 MPH

FINANCIAL PROJECT ID

SHEET NO.

437174-2-22-01

03

**PROJECT CONTROLS**

**CONTEXT CLASSIFICATION**

- ( ) C1 : NATURAL                      (X) C3C : SUBURBAN COMM.
- ( ) 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
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- ( ) 5 - RESTRICTIVE w/440 ft. Connection Spacing
- ( ) 6 - NON-RESTRICTIVE w/1320 ft. Signal Spacing
- ( ) 7 - BOTH MEDIAN TYPES

**CRITERIA**

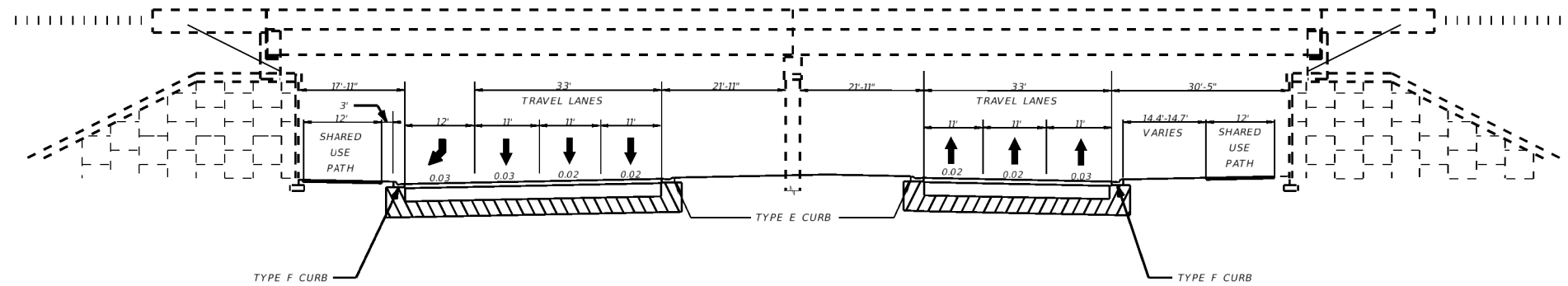
- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- ( ) RRR (ARTERIALS & COLLECTORS)

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

DESIGN VARIATIONS

N/A

**TYPICAL SECTION - C**



SR 417 OVER SR 535  
 STA. 1568+24.47 to STA. 1569+61.08

NOT TO SCALE

**TRAFFIC DATA**

EXISTING CONDITIONS =2020 AADT = 56,000  
 ESTIMATED OPENING YEAR =2025 AADT = 59,500  
 ESTIMATED DESIGN YEAR =2045 AADT = 73,500  
 K = 7.5% D = 52.2% T = 9.4% (72 HOUR)  
 DESIGN HOURS T = 12.0%  
 DESIGN SPEED = 45 MPH  
 POSTED SPEED = 45 MPH  
 TARGET SPEED = 45 MPH

FINANCIAL PROJECT ID	SHEET NO.
437174-2-22-01	04

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

# PROJECT CONTROLS

## CONTEXT CLASSIFICATION

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

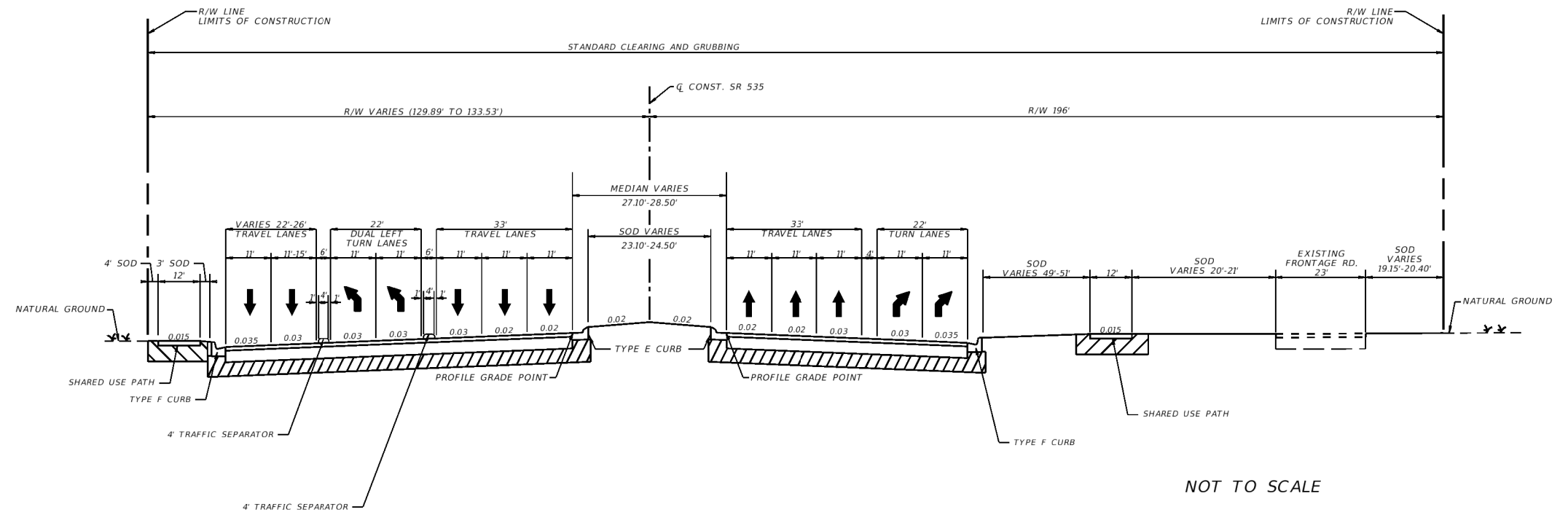
- (X) NEW CONSTRUCTION / RECONSTRUCTION
- ( ) RESURFACING (LA FACILITIES)
- ( ) RRR (ARTERIALS & COLLECTORS)

## POTENTIAL EXCEPTIONS AND VARIATIONS RELATED TO TYPICAL SECTION:

### DESIGN VARIATIONS

N/A

# TYPICAL SECTION - D



## DISPLACED LEFT INTERSECTION ALONG SR 535 AT THE WORLD CENTER DRIVE (SR 536) INTERSECTION

STA. 1592+47.83 to STA. 1594+45.82

### TRAFFIC DATA

EXISTING CONDITIONS =2020 AADT = 56,000  
ESTIMATED OPENING YEAR =2025 AADT = 59,500  
ESTIMATED DESIGN YEAR =2045 AADT = 73,500  
K = 7.5% D = 52.2% T = 9.4% (72 HOUR)  
DESIGN HOURS T = 12.0%  
DESIGN SPEED = 45 MPH  
POSTED SPEED = 45 MPH  
TARGET SPEED = 45 MPH

FINANCIAL PROJECT ID

SHEET NO.

437174-2-22-01

05