Subject: I-4 Beyond the Ultimate; Osceola Co. Typical Section Package Revisions
Date: 03/21/18
To: Su Hao, PE; FDOT Project Manager
From: Bill Liatsos, PE

**Background/Purpose:** In February of 2017, a PD&E Typical Section Package was submitted to the FDOT Department for I-4 Beyond the Ultimate. The purpose of this memo is to identify revisions made to the I-4 Beyond the Ultimate Typical Section Package within the Osceola County project area. Revisions and proposed typicals are listed as follows.

<table>
<thead>
<tr>
<th>Sheet No.</th>
<th>Revisions/Updates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A-5 R1</td>
<td>The inside shoulders of I-4 over CR 532 were adjusted to 6 feet wide.</td>
</tr>
<tr>
<td>1A-8 R1</td>
<td>The ramps and design speeds were updated for one lane ramps per the Line &amp; Grade typical sections.</td>
</tr>
<tr>
<td>1A-9 R1</td>
<td>The ramps and design speeds were updated for two lane ramps per the Line &amp; Grade typical sections.</td>
</tr>
<tr>
<td>1A-10A R1</td>
<td>A new typical section of SR 429 widening.</td>
</tr>
<tr>
<td>1A-11A R1</td>
<td>A new typical section of 2 lane bridge ramp.</td>
</tr>
<tr>
<td>1A-13 R1</td>
<td>The typical was modified to a 2 span bridge with a 10-foot sidewalk on the right side of the pier.</td>
</tr>
<tr>
<td>1A-16 R1</td>
<td>A third lane was added to the EB I-4 express lane under NB SR 429.</td>
</tr>
<tr>
<td>1A-17 R1</td>
<td>A third lane was added to the EB I-4 express lane under SB SR 429.</td>
</tr>
<tr>
<td>1A-24 R1</td>
<td>A third lane was added to the EB I-4 CD road. The inside shoulder of the WB I-4 CD road was adjusted to 8 feet wide.</td>
</tr>
<tr>
<td>1A-25 R1</td>
<td>The outside curb and gutter for World Drive was replaced by a 10 foot shoulder (5 foot paved). The inside shoulder cross slope was adjusted to 5%.</td>
</tr>
<tr>
<td>1A-25A R1</td>
<td>A new typical section of NB World Drive under EB ramp C3_WD.</td>
</tr>
<tr>
<td>1A-27 R1</td>
<td>The design speed was modified to 50 MPH and the inside shoulder of SB SR 417 was adjusted to 8 feet wide.</td>
</tr>
<tr>
<td>1A-29 R1</td>
<td>The typical was modified to show NB SR 417 widening.</td>
</tr>
<tr>
<td>1A-39 R1</td>
<td>EB Osceola Pkwy. ramp was moved to the WB bridge and the outside shoulder was adjusted to 7 feet wide.</td>
</tr>
<tr>
<td>1A-40 R1</td>
<td>The shoulders of Osceola Pkwy. were modified to 10 feet wide.</td>
</tr>
<tr>
<td>1A-41 R1</td>
<td>Bike lane on EB Osceola Pkwy. was adjusted to 4 feet wide and milling and resurfacing was shown on WB Osceola Pkwy.</td>
</tr>
</tbody>
</table>

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SR 400 (1-4) BRIDGE OVER CR 532
DESIGN SPEED = 70 MPH

PROPOSED STRUCTURE TYPICAL SECTION

FROM 1 MILE EAST OF SR 441 TO 1/2 MILE EAST OF SR 472.

PROJECT IDENTIFICATION

FINANCIAL PROJECT TD: 43200-1-22-01
FEDERAL AID PROJECT NO: N/A
COUNTY NAME: OSCOEA
PROJECT NO: 43200-1-22-01

Section No. 92130
ROAD DESIGNATION: SR 400 (1-4)
WIDENING SR 400 (1-4) FROM WEST OF CR 532 TO WEST OF SR 435 KIRKMAN ROAD AND LIMITS MILEPOST MP 0.000 - 7.885

PROPOSED STRUCTURE TYPICAL SECTION

FROM 1 MILE EAST OF SR 441 TO 1/2 MILE EAST OF SR 472.
SR 429 ROADWAY SECTION
DESIGN SPEED = TO MPH

PROPOSED ROADWAY TYPICAL SECTION

FROM 1 MILE EAST OF SR 44 TO 1/2 EAST OF SR 472 PROJECT DESCRIPTION
WIDENING SR 44 TO 1/2 EAST OF SR 472 LIMITS/MILEPOST
MP 0.000 TO 7.885 SR 440 (I-4)

COUNTRY NAME
OSCEOLA

FEDERAL AID PROJECT NO.
43200-01-22-01

GENERAL ENGINEER

SHEET 1A.10A
DIVERGING DIAMOND INTERCHANGE
CR 532 ROADWAY SECTION UNDER SR 400 (I-4)

PROPOSED ROADWAY TYPICAL SECTION

FROM 1 MILE EAST OF SR 444 TO 1/2 EAST OF SR 412.
WIDENING SR 440 (I-4) FROM WEST OF CR 532 TO WEST OF SR 435 KIRKMAN ROAD AND LIMTS/MILEPOST MP 0.000 - 7.885

PROJECT DESCRIPTION
SECTION NO. 92130
COUNTY NAME OSECEOLA
COUNTRY NAME OSECEOLA

PROJECT IDENTIFICATION
FINANCIAL PROJECT ID 43200-1-22-01
FEDERAL AID PROJECT NO. N/A
PROJECT DRAWING NO. 1-34
Proposed Roadway Typical Section

FROM 1 MILE EAST OF SR 434 TO 1/2 MILE EAST OF SR 434
PROJECT DESCRIPTION WIDENING SR 400 (1-4) FROM WEST OF SR 25/SR 7 TO WEST OF SR 435 KIRKMAN ROAD AND

LIMITS/MILEPOST MP 0.000 - 0.559
SR 400 (1-4)

ROAD DESIGNATION

SECTION NO. 75280

COUNTRY NAME OSCEOLA
FINANCIAL PROJECT ID 43200-1-22-01

PROJECT IDENTIFICATION
Proposed Roadway Typical Section

From 1 mile East of SR 400 to 1/2 mile East of SR 400

Project Description
Widening SR 400 (1-4) from West of SR 252 to West of SR 435 Kinkman Road and
SR 400 (1-4)

Limits/Milepost
MP 0.000 - 0.559

County Name
Okeechobee

Federal Aid Project No.
N/A

Financial Project ID
43200-22-01
SR 400 (I-4) UNDER EASTBOUND AND WESTBOUND WORLD DRIVE

DESIGN SPEED = 70 MPH

PROPOSED ROADWAY TYPICAL SECTION

FROM 1 MILE EAST OF SR 444 TO 1/2 EAST OF SR 412

PROJECT DESCRIPTION: WIDENING SR 400 (I-4) FROM WEST OF CA 522 TO WEST OF SR 435 KIRKMAN ROAD AND

LIMITS/MILEPOST: MP 0.000 - 7.885

SR 400 (I-4)

PROJECT IDENTIFICATION

COUNTY NAME: OSCOEA

FEDERAL AID PROJECT NO.: N/A

FINANCIAL PROJECT NO.: 43200-1-22-01

STATE OF FL

COUNTY OF ORANGE

PROPOSED STRUCTURE

PROPOSED ROADWAY TYPICAL SECTION
WORLD DRIVE ROADWAY SECTION
DESIGN SPEED = 40 MPH

PROPOSED ROADWAY TYPICAL SECTION

FROM 1 MILE EAST OF SR 44 TO 1/2 EAST OF SR 412

PROJECT DESCRIPTION: WIDENING SR 400 (1-4) FROM WEST OF CA 532 TO WEST OF SR 435 KIRKMAN ROAD AND

LIMITS/MILEPOST: MP 0.000 - 7.885

SR 400 (1-4)

ROAD DESIGNATION: SECTION NO.

92130

COUNTRY NAME: OSEOLA

N/A

FEDERAL AID PROJECT NO.

43200-1-22-01

PROJECT IDENTIFICATION

STATE OF FLORIDA

APPROVED BY:

DANIEL E. VAN ELDIK

PROJECT ENGINEER

SHEET 1A-25 R1
Proposed Roadway Typical Section

DESIGN SPEED = 40 MPH

World Drive Westbound Section Under Ramp C3-2WD
SR 417 Southbound Bridge Section
Design Speed = 50 MPH

Proposed Structure Typical Section

From 1 mile east of SR 434 to 1/2 mile east of SR 417

Project Description
Widening SR 400 (1-4) from west of CR 522 to west of SR 435 and Karmann Road and
limits/milepost MP 0.000 - 7.885

Section No. 92130
Project ID 43200-1-22-01

Country Name Osceola
Federal Aid Project No. N/A

Cert of Auth No B115
Mario Bizzio, P.E.
State of Florida
150 N Orange Ave
Accion

Sheet 1A-27 AI
Proposed Structure Typical Section

SR 41 Northbound Bridge Widening Section

Design Speed = 50 MPH

Concrete Barrier (Typ.)

l A M Line

l A M Line

Prepared Identification

Project Description: Widening SR 400 (4-lane) from West of CR 522 to West of SR 435 Kimball Road and SR 400 (1-lane) from Milepost MP 0.000 - 7.885

Section No. 923130

Location: Osceola County, FL

Federal Aid Project No. 43200-1-22-01

County Name: Osceola

Limits/Milepost: 0.000 - 7.885

From 1 Mile East of SR 441 to 1/2 East of SR 472

From West of CR 522 to West of SR 435 Kimball Road and

Project 41 Northbound Bridge Widening Section

Design Speed = 50 MPH

Concrete Barrier (Typ.)

l A M Line

l A M Line

Prepared Identification

Project Description: Widening SR 400 (4-lane) from West of CR 522 to West of SR 435 Kimball Road and SR 400 (1-lane) from Milepost MP 0.000 - 7.885

Section No. 923130

Location: Osceola County, FL

Federal Aid Project No. 43200-1-22-01

County Name: Osceola

Limits/Milepost: 0.000 - 7.885

From 1 Mile East of SR 441 to 1/2 East of SR 472
OCEOLA PARKWAY BRIDGE OVER SR 400 (1-4)

DESIGN SPEED = 45 MPH

CONCRETE BARRIER (TYP.)

PROPOSED STRUCTURE TYPICAL SECTION

FROM 1 MILE EAST OF SR 430 TO 1/2 EAST OF SR 472

PROJECT DESCRIPTION

SR 400 (1-4) FROM WEST OF CA 532 TO WEST OF SR 435 KIRKMAN ROAD AND

LIMITS/MILEPOST MP 0.000 - 1.885

SECTION NO. 92310

FINANCIAL PROJECT NO. 432100-1-22-01

STATE OF FLORIDA

OCTOBER 1988

CONSTRUCTION PROJECT INVOLVEMENT

STATEWIDE PUBLIC WORKS PROJECT NUMBER: 432100-1-22-01

PROJECT IDENTIFICATION

OCEOLA COUNTY

CONSTRUCTION DOCUMENTS REVIEWED:

DATE

DATE

DATE

DATE

DATE

STATE OF FLORIDA

OCTOBER 1988

CONSTRUCTION PROJECT INVOLVEMENT

STATEWIDE PUBLIC WORKS PROJECT NUMBER: 432100-1-22-01

PROJECT IDENTIFICATION

OCEOLA COUNTY

CONSTRUCTION DOCUMENTS REVIEWED:

DATE

DATE

DATE

DATE

DATE

STATE OF FLORIDA

OCTOBER 1988

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STATEWIDE PUBLIC WORKS PROJECT NUMBER: 432100-1-22-01

PROJECT IDENTIFICATION

OCEOLA COUNTY

CONSTRUCTION DOCUMENTS REVIEWED:

DATE

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STATE OF FLORIDA

OCTOBER 1988

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STATEWIDE PUBLIC WORKS PROJECT NUMBER: 432100-1-22-01

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OCEOLA COUNTY

CONSTRUCTION DOCUMENTS REVIEWED:

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STATE OF FLORIDA

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STATE OF FLORIDA

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CONSTRUCTION DOCUMENTS REVIEWED:

DATE

DATE

DATE

DATE

DATE

STATE OF FLORIDA

OCTOBER 1988

CONSTRUCTION PROJECT INVOLVEMENT

STATEWIDE PUBLIC WORKS PROJECT NUMBER: 432100-1-22-01

PROJECT IDENTIFICATION

OCEOLA COUNTY

CONSTRUCTION DOCUMENTS REVIEWED:

DATE

DATE

DATE

DATE

DATE
Okeola Parkway Roadway Section (West of SR 400)

Design Speed = 45 MPH

Proposed Roadway Typical Section

From I Mile East of SR 444 to 1/2 East of SR 472
Project Description Widening SR A400 (I-4) from west of CR 532 to west of SR 435 Kirkman Road and
Limits/Milepost MP 0.000 - 7.885

Financial Project ID 43200-1-22-01

Project Identification

Okeola County

Date

FHWA Transportation Engineer

Date

Foot District Design Engineer

Date

Frank Raymond, PE

Date

Director of Public Works
OCEOLA PARKWAY ROADWAY SECTION (EAST OF SR 400)
DESIGN SPEED = 45 MPH

Proposed Roadway Typical Section

From 1 mile East of SR 441 to 1/2 mile East of SR 412
Willing SR 440 (L1) From West of CR 522 to West of SR 435 KIRKMAN ROAD and
LIMITS/MILEPOST 0.000 - 1.885
SR 440 (L-4) ROAD DESIGNATION

PROJECT IDENTITY
COUNTY NAME OCEOLA
N/A
FEDERAL AID PROJECT NO. 43210-1-22-01
FINANCIAL PROJECT NO. 92130

FOOT CONCERNCE
FLORIDA CONCERNCE
OCEOLA COUNTY CONCERNCE

DATE

Mario Bizzio, P.E.
Director of Public Works

DATE

Frank Raymond, P.E.
DEPARTMENT CHIEF