

# 2015 Road Program

Presentation for  
Item 05  
August 6, 2015  
From: Staff

**County Council Meeting  
August 6, 2015**

## **PUBLIC WORKS DEPARTMENT**













**John Angiulli  
Public Works Director**

**Gerald Brinton, P.E.  
County Engineer**



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Presentation from Staff

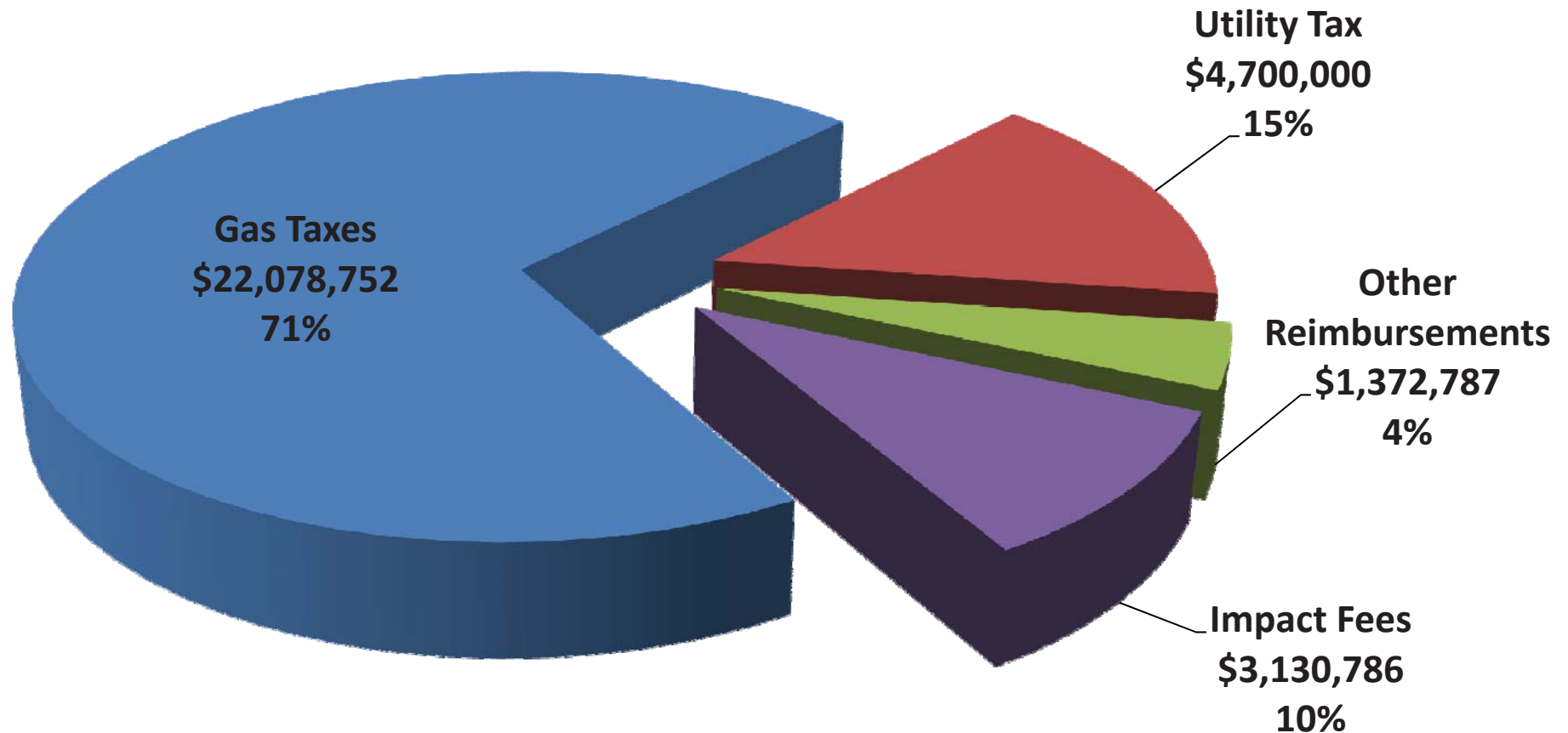
# County Transportation Assets

-  **2,231 lane miles of roads (820 art/col;1411 local)**
-  **49 fixed bridges**
-  **Three (3) bascule bridges**
-  **2,734 acres of road right-of-way**
-  **282 miles of sidewalk**
-  **13 miles of guardrail**
-  **318 signalized intersections**
-  **7,256 drainage structures**
-  **277 retention ponds**
-  **323 miles of roadside ditches**
-  **1.0 million linear feet of pipe**
-  **40,000 plus signs**



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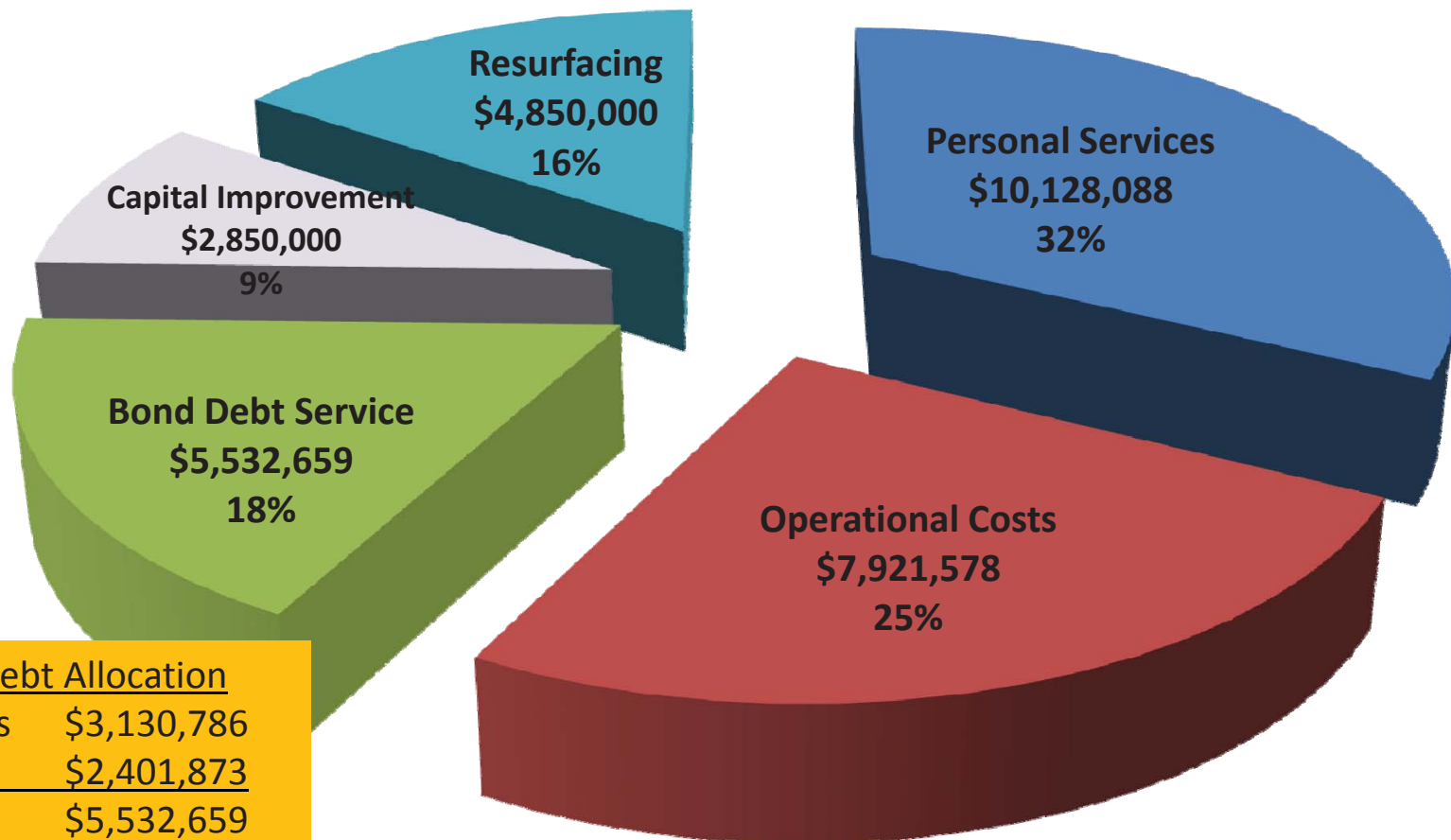
# FY 15/16 Revenue Sources



**Total Revenues: \$31,282,325**

05-3  
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(without bond program and reserves)

# FY 15/16 Expenses

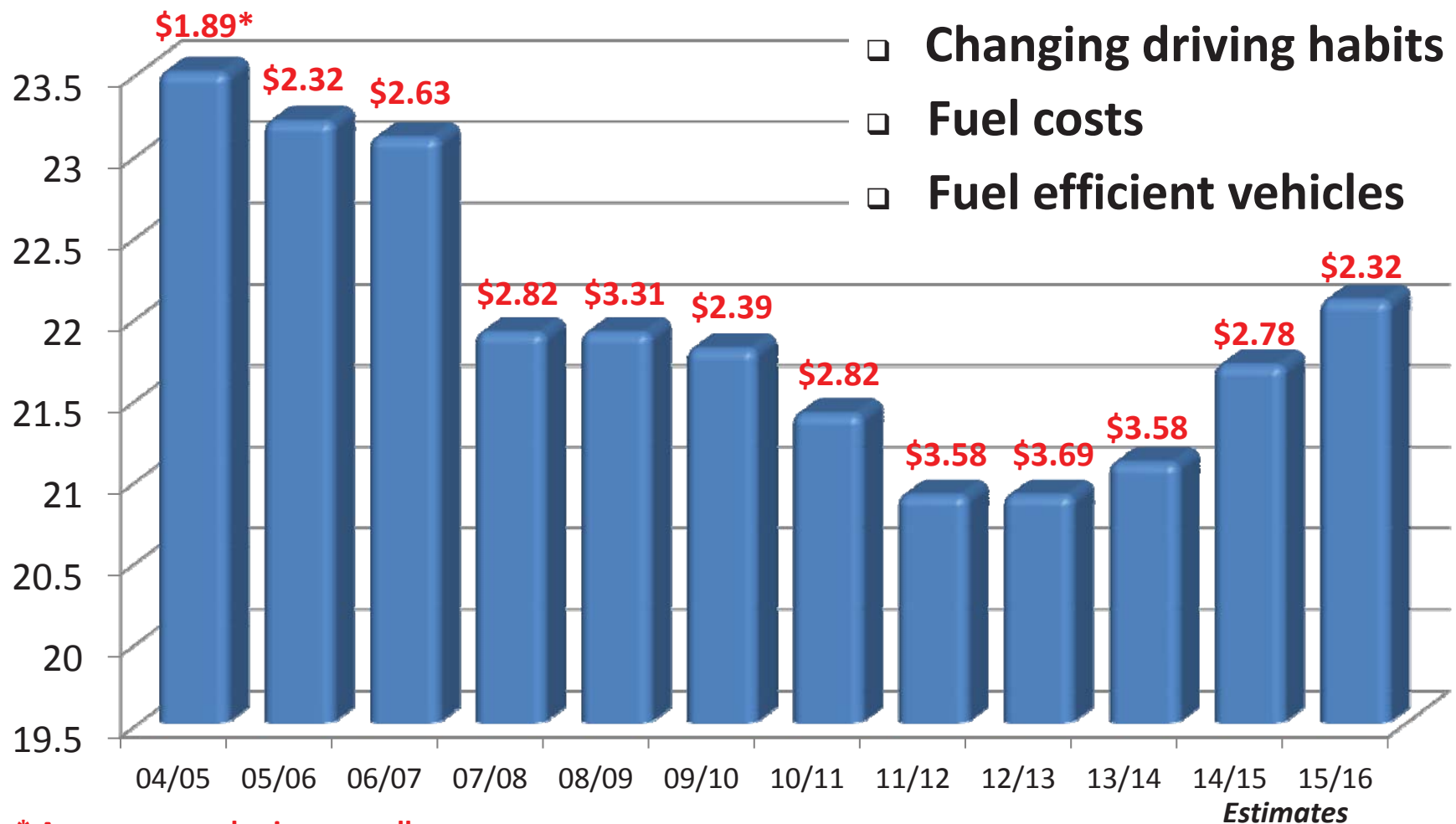


**Total Expenditures: \$31,282,325**

05-4  
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(without bond program and reserves)



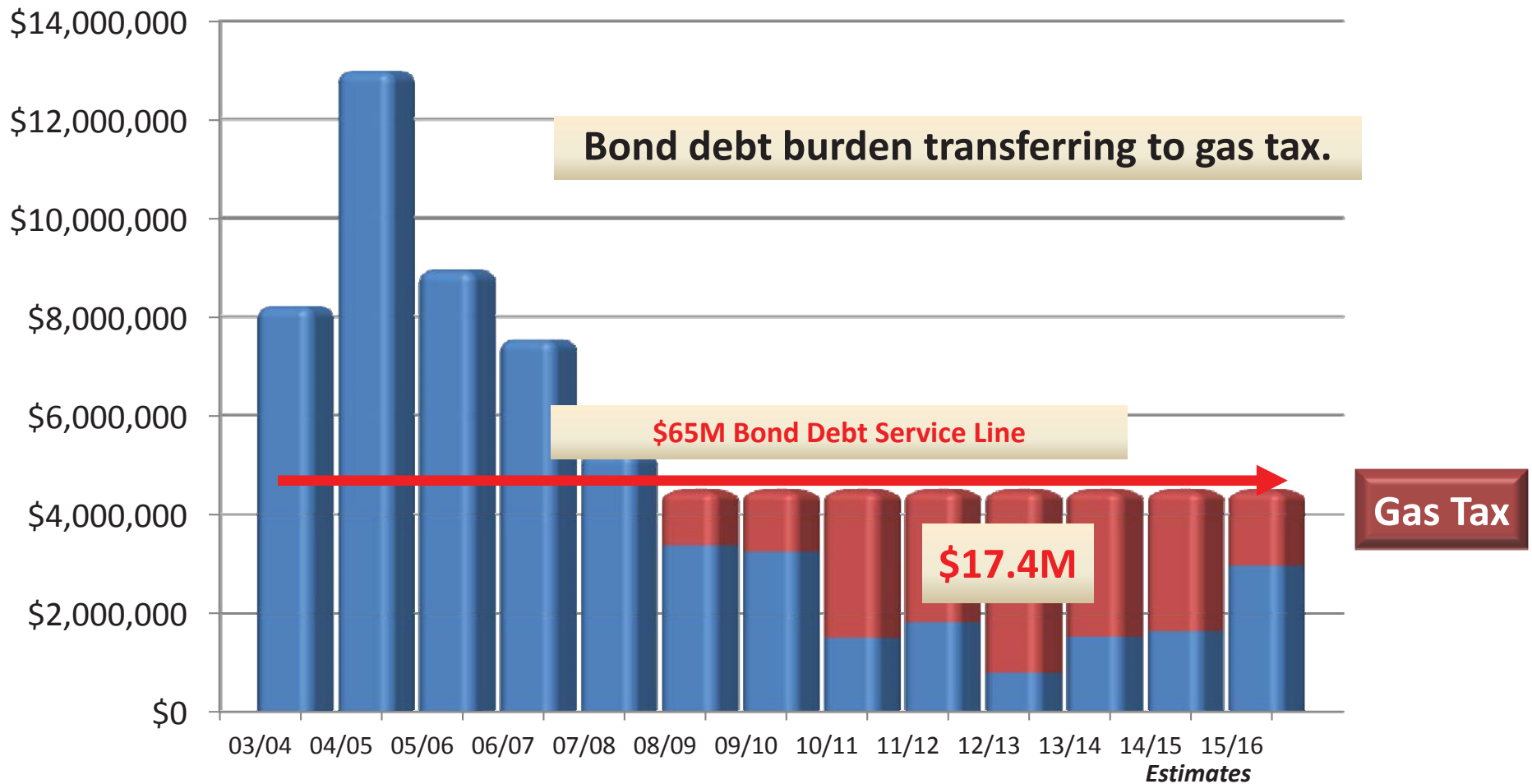
# Gas Tax Collections



\* Average annual price per gallon

**\$400K projected increase 15/16 based on DOR estimates**

# Transportation Impact Fees



**\* Impact fee moratorium July 1, 2011. Fees fully reinstated July 1, 2015.** 05-6  
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# Road Program...Road Program...Road Program...Road Program

## "The Last Hurrah"

### Volusia County Road Program Capital Investments

	<u>13/14</u>	<u>14/15</u>	<u>15/16</u>	<u>16/17</u>	<u>17/18</u>
Zone 1	\$12.52M	\$17.56M	<b>\$47.95M*</b>	0	0
Zone 2	0	\$5.37M	\$7.8M	\$3.0M	0
Zone 3	\$4.39M	\$11.44M	0	0	0
Zone 4	0	0	\$8.49M	0	0
Total	\$16.91M	\$34.98M	\$64.24M	\$3.0M	0

\* Federal Grant for Veterans Memorial Bridge Replacement

Excludes sidewalk & resurfacing improvements



- When Bond money is gone, limited revenues will be focused on safety and intersection upgrades.
- Significant issues continue with funding long term maintenance of the two remaining bascule bridges.

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# Funded Construction Projects

## FY 2013/2014

### Ormond Beach

- Tymber Cr Rd 4 Laning - SR40 to Peruvian Ln  
(Recently Completed) \$6,133,000 (County)

### Orange City

- Saxon Blvd 6 Laning - I-4 to Enterprise Rd  
(Recently Completed) \$2,950,000 (County)  
\$1,443,000 (State Grant)

### Daytona Beach

- Orange Av Reconstruction - Nova Rd to Beach St  
(Under Construction) \$1,660,000 (County)  
\$4,679,000 (State Grant)
- Dunn Av Paved Shldrs - Clyde Morris to Bill France  
(Under Construction) \$140,000 (County)  
\$1,404,000 (State Grant)

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# Funded Construction Projects

FY 2014/2015

## Deltona

- Doyle Rd Paved Shldrs - Courtland Blvd to SR415  
(Construction Contract Awarded) **\$1,150,000 (Fed grant)**  
\$176,000 (County)
- Howland Blvd 4 Laning - Courtland Blvd to SR415  
(Under Construction) \$4,236,000 (County)  
**\$5,879,000 (State Grant)**

## N Smyrna Beach

- Pioneer Trl at Turnbull Bay Rd  
(Construction Contract Awarded) \$1,400,000 (County)  
**\$185,000 (State Grant)**
- Turnbull Bay Bridge Replacement **\$3,789,000 (Fed Grant)**

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# Funded Construction Projects

FY 2014/2015 (continued)

## Holly Hill

- **LPGA Blvd 4 Laning** - Jimmy Ann to Derbyshire  
\$1,300,000 (County)  
\$965,000 (State Grant)

## Port Orange

- **S Williamson Ext** - Airport Rd to Pioneer Trl  
Partnership with Pioneer CDD  
(Construction Contract Awarded)  
\$9,800,000 (County)  
\$5,500,000 (State Grant)

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# Funded Construction Projects

FY 2015/2016

## DeLand

- Kepler Rd at SR44 Intersection \$2,979,000 (County)  
\$821,000 (State Grant)
- Orange Camp Rd 4 Laning - MLK Blvd to I-4 \$4,690,000 (County)

## Edgewater/N Smyrna Beach

- Tenth St 4 Laning - Myrtle Av to US 1 \$5,000,000 (County)  
\$2,800,000 (State Grant)

## Daytona Beach

- Veterans Memorial Bridge Replacement \$47,950,000 (Fed Grant)

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# Funded Construction Projects

## FY 2016/2017

### Edgewater

- **Park Avenue 3 Laning - Old Mission Rd to Massey Ranch Blvd** **\$3,000,000 (County)**

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# Funded Construction Projects

Success in Leveraging Grant Funding

## 1.8 to 1 Ratio

(in just 4 fiscal years)

Grant Funds	\$76,565,000
County Funds	\$43,464,000

**“Takes Money to Leverage Money”**

05-13  
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# 2015 Trails Program

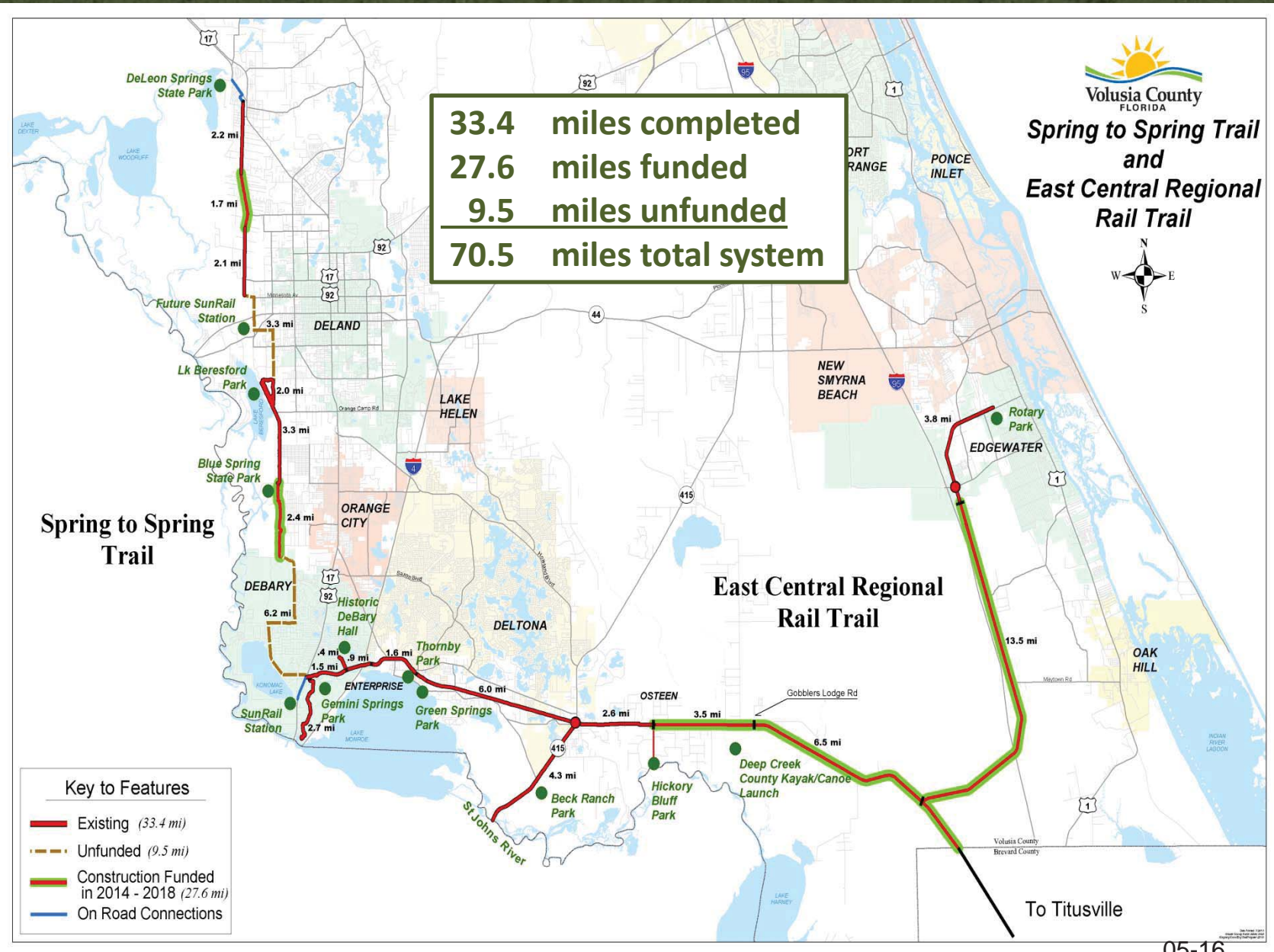
**Gerald Brinton, P.E.**  
**County Engineer**



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05-16

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# Status of Regional Trails System



# Spring To Spring Trail

Grand Av - Lemon St to King St

(In Final Design - Construction Funded)

1.7 miles

Glenwood

Grand Av

Lemon St

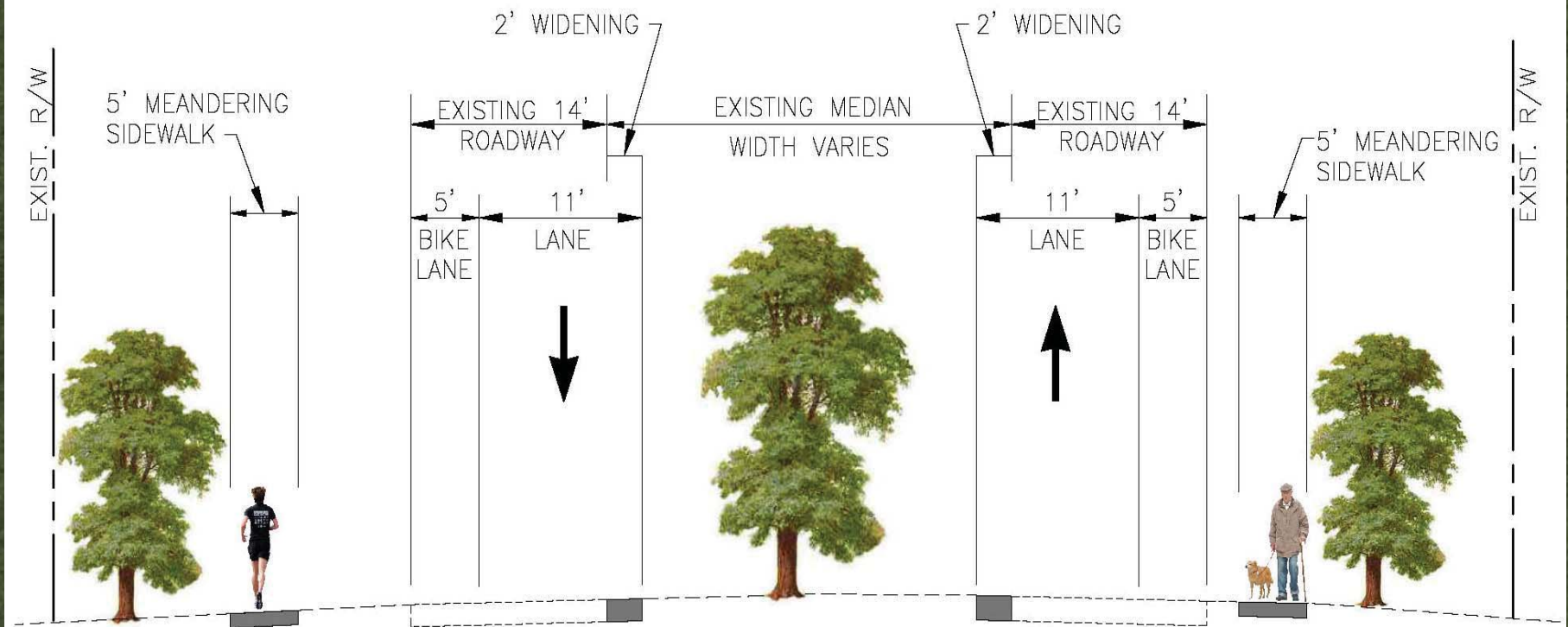
King St

CSX R/R

05-17

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SPRING TO SPRING TRAIL  
GRAND AV – KING ST TO LEMON ST

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# Spring To Spring Trail

Beresford Park to Grand Avenue

(Design/Construction Not Funded - \$6.5M)

3.3 miles

Amtrak Station

SR 44

CSX Tracks

Grand Ave

Grand Ave

Beresford  
Park

Minnesota Ave

Euclid Ave

Fatio Road

SR 44

West DeLand

Trail head

05-19

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# Spring To Spring Trail

French Avenue to Detroit Terrace

(Under Construction)

2.4 miles

Orange City

DeBary

Valentine  
Park

French Ave

Blue Spring Av

Trail head

Trail  
Underpass

CSX Tracks

Steel Truss Bridge

Blue Spring  
State Park

Detroit Ter

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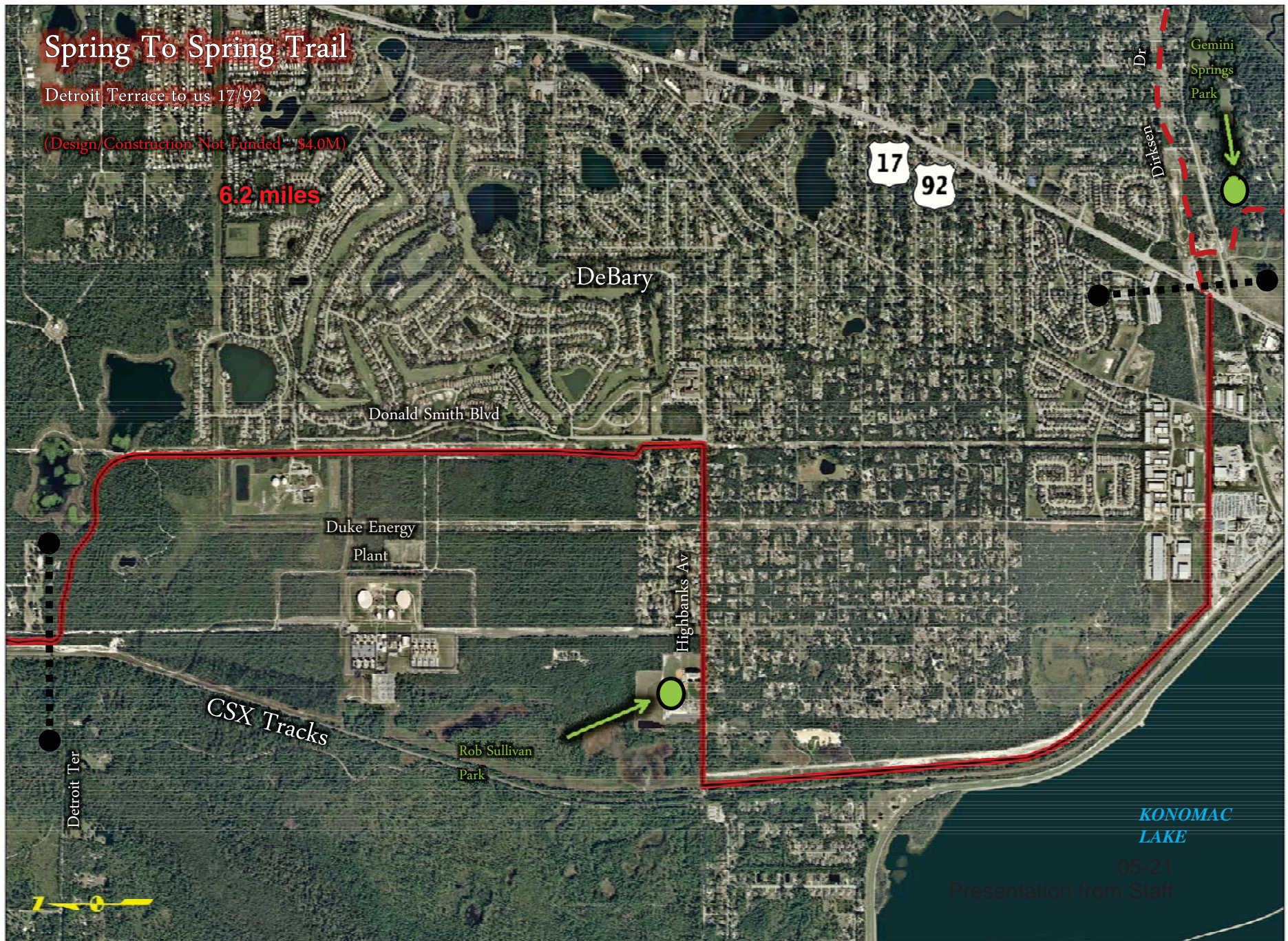


# Spring To Spring Trail

Detroit Terrace to us 17/92

(Design/Construction Not Funded - \$4.0M)

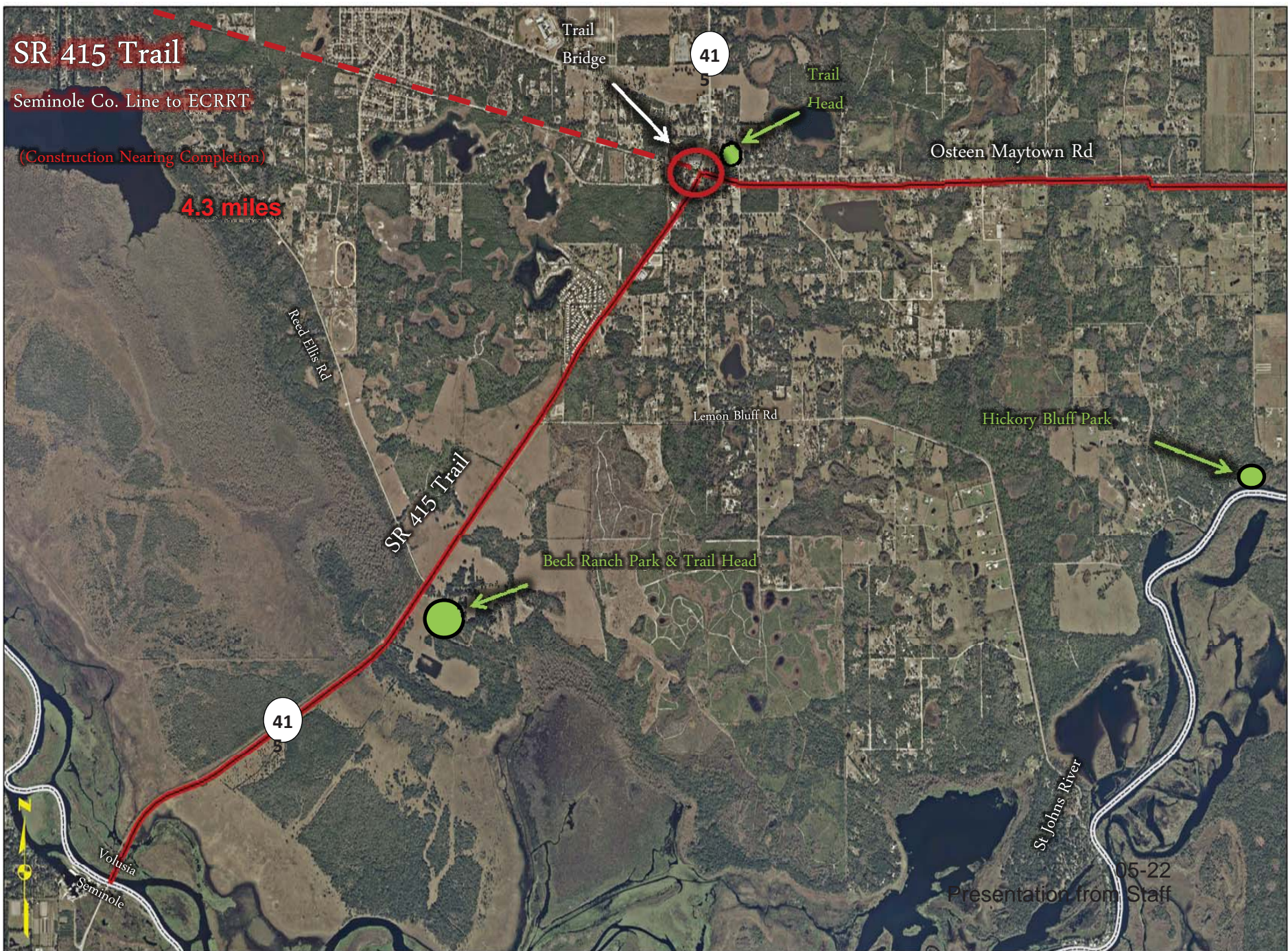
6.2 miles



KONOMAC  
LAKE

05-21  
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# East Central Regional Rail Trail

SR 415 to Guise Rd

(Construction Recently Completed)

2.6 miles

41

Osteen

Trail  
Bridge

Trail  
Head

Osteen Maytown Rd

Enterprise Osteen Rd

41

SR 415 Trail

Guise Rd

Hickory Bluff Park

Lemon Bluff Rd

05-23

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# East Central Regional Rail Trail

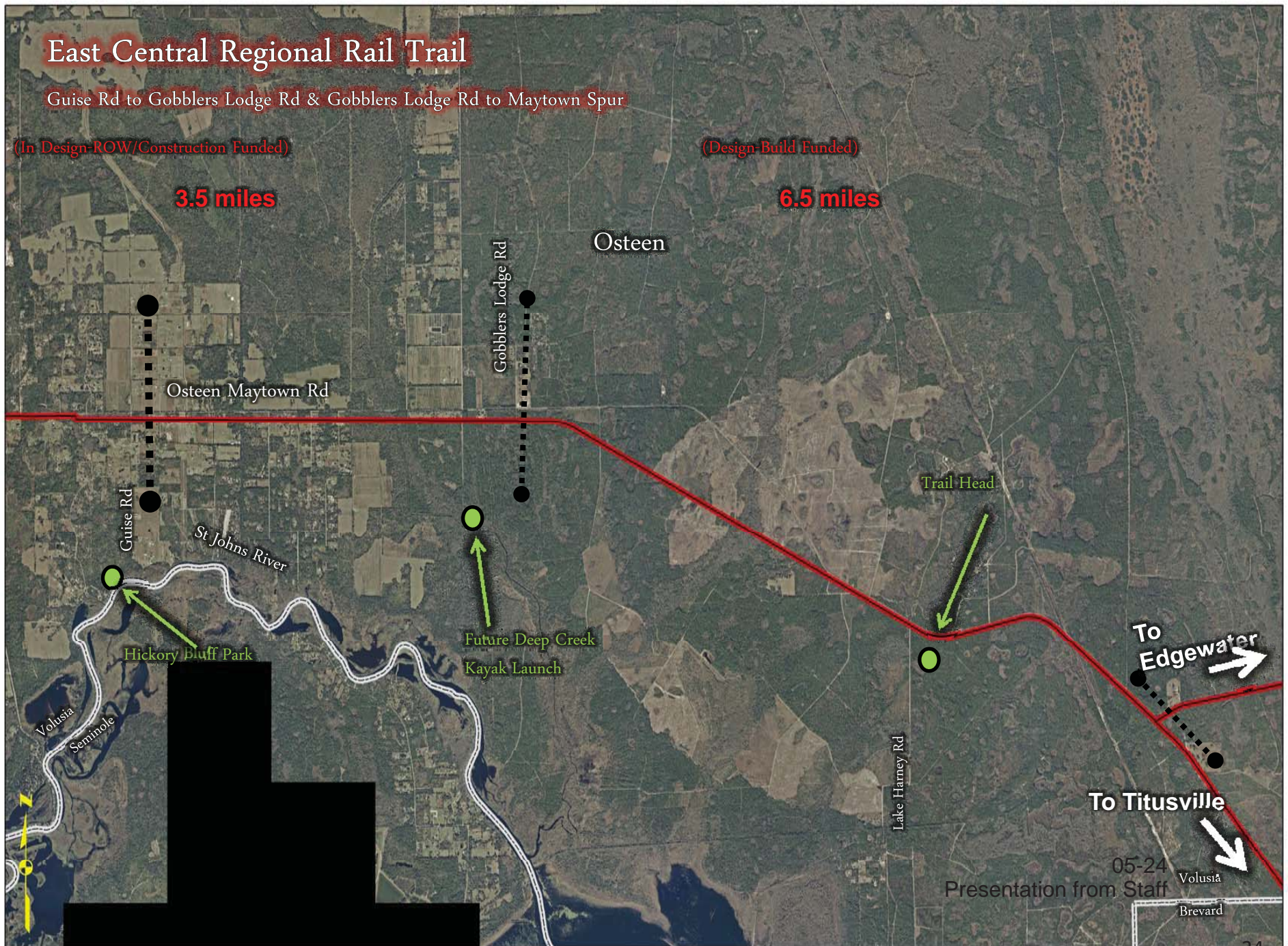
Guise Rd to Gobblers Lodge Rd & Gobblers Lodge Rd to Maytown Spur

(In Design-ROW/Construction Funded)

(Design-Build Funded)

3.5 miles

6.5 miles



05-24  
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Volusia  
Brevard



# East Central Regional Rail Trail

North of Cow Creek to Brevard County Line

(Design-Build Funded)

13.5 miles

Edgewater Area

Trail Head

To Osteen

To Titusville

95

44

Maytown Rd

Blue Ridge Rd/Cow Creek Rd

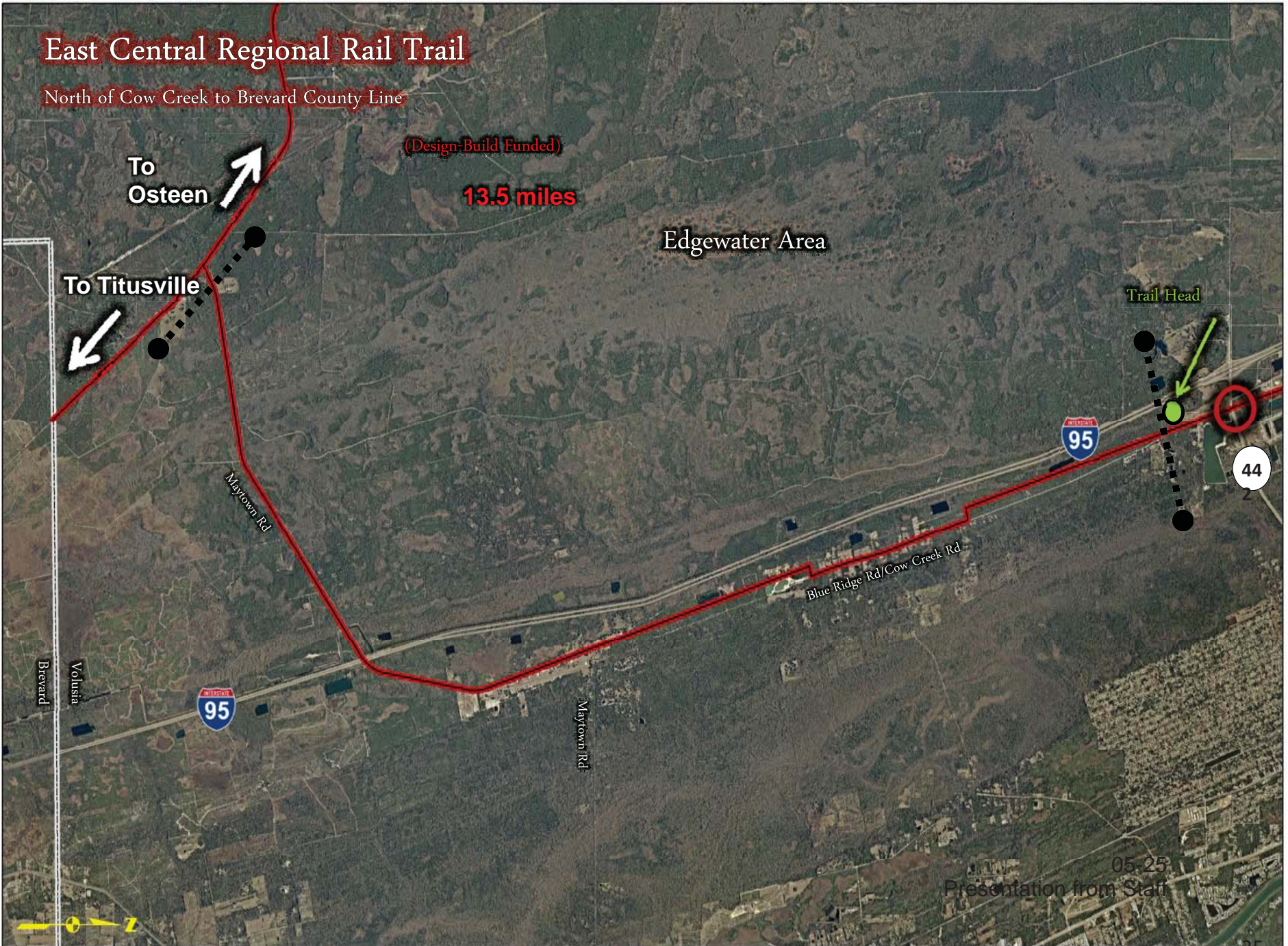
Maytown Rd

Brevard

Volusia

95

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# East Central Regional Rail Trail

North of Cow Creek to Dale Av

(Construction Nearing Completion)

3.8 miles

Trail  
Bridge

Edgewater

95

Old Mission Rd

Park Av

Trail  
Head

44

Dale Av

Rotary  
Park

Presentation Hall







# Volusia County Showcase Trails Program

**5 Year Schedule**  
FY 15/16 - FY 19/20  
(Costs in \$1,000)

Project	Limits	Fund	Scope	Current Year				FY 15/16				FY 16/17				FY 17/18				FY 18/19				FY 19/20			
				FUND	ENG	R/W	CON	FUND	ENG	R/W	CON	FUND	ENG	R/W	CON	FUND	ENG	R/W	CON	FUND	ENG	R/W	CON	ENG	R/W	CON	
Spring to Spring Trail (Grand Av)	Lemon St to King St	TF	hybrid	TF	40			TF			1400																
Spring to Spring Trail (Blue Sprg State Park Segment)	French Av to Detroit Terrace	TF	12'	TF	63			Under Construction																			
		GF																									
"	"	EG	"	EG			600	Not Funded (design + construction = \$4.0M)																			
Spring to Spring Trail (DeBary Segment)	Detroit Ter to US17/92 at Dirksen Dr	TF	12'	TF	92																						
East Central Regional Rail Trail Bridge	Trail bridge over SR415	TF	bridge	TF			100	Recently Completed																			
"	"	GF	"	GF																							
East Central Regional Rail Trail Bridge	Trail bridge over SR442	TF	bridge	TF			100	Recently Completed																			
"	"	GF	"	GF																							
East Central Regional Rail Trail - Segment 3	SR415 to Guise Rd	TF	12'	TF	5		700																				
"	"	GF	"	GF			439	Recently Completed																			
"	"	RTP	"	RTP			250																				
East Central Regional Rail Trail	Guise Rd to Gobblers Lodge Rd	TF	12'	TF				TF	150	200								TF			1000						
"	"	GF	"	GF				TF		440								GF			4080						
East Central Regional Rail Trail	Gobblers Lodge Rd to Maytown Spur	TF	12'	TF	50		50																				
"	"	GF	"	GF			5571																				
East Central Regional Rail Trail	Cow Creek to Brevard County Line	TF	12'	TF	620		3500																				
"	"	GF	"	GF			6624																				
East Central Regional Rail Trail	Cow Creek to Dale Av	TF	12'	TF	32			Nearing Completion																			
"	"	GF	"	GF																							
Debt Payment for Trail Funding (ECHO set aside)		TF					505				505				505				505				505			505	

TF = Trails Funds (annual ECHO Set Aside Funding)    GF = Federal Grant Fund    RTP = Regional Trail Program (State Grant)    EG = ECHO Grant

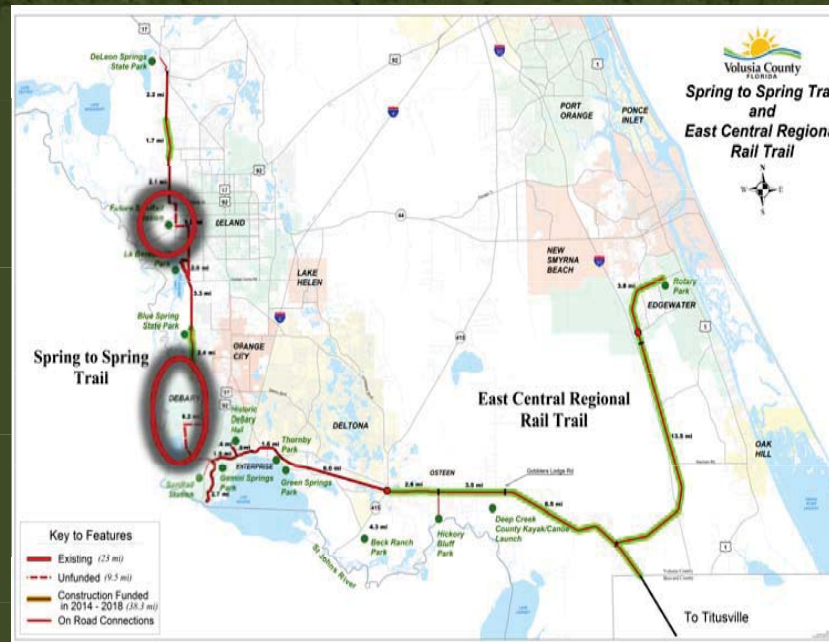
05-27  
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West DeLand

3.3 miles / \$6.5 M

(Design/ROW/Construction incl purchase of land  
& trail bridge over SR 44)



DeBary

6.2 miles / \$4.0 M

(Design/Construction)

33.4 miles Completed

27.6 miles Funded

9.5 miles Unfunded (\$10.5M)

70.5 miles Total System

# Unfunded Segments of Regional Trails System

05-28  
Presentation from Staff