Polk Transportation Planning Organization

ENVISION 2050

Polk TPO
Envision 2050: Long Range Transportation Plan

Introduction

During the meeting the TPO staff and Consultant will provide an update on the following items:

- Public Involvement
- Update on the Northeast Polk Study
- Transportation Needs
- Local/County Revenue Forecast

Exhibit A: Transportation Needs

This figure reflects currently identified needed roadway capacity projects through the year 2050. These Needs generally include Needs Improvements previously identified in the 2045 Long Range Plan, other state and local priorities, and additional improvements needed to address deficient roadway corridors identified during the develop of the needs forecast. This information was also reviewed during the development of the travel demand forecasting model, which is used to identify future year travel volumes and performance. The Needs also reflect preliminary findings from the Northeast Polk Transportation Study.

Exhibit B: 2050 Volume Forecast (Alternative 3)

This figure illustrates the 2050 forecast travel volume developed in the FDOT District 1 travel demand forecast model as Alternative 3. Alternative 3 includes the Eastern Central Polk Parkway eastern alignment without a connection to SR 60. This alternative also includes many of the other improvements identified in the transportation needs identified in Exhibit A.

Exhibit C: High Priority Needs

The High Priority Needs figure illustrates high priority needs, which are subset of the transportation needs identified Exhibit A. The High Priority Needs includes a mix of the 2045 Cost Feasible Plan, the current findings from the Northeast Polk Transportation Study, and other local priorities. It is assumed that the Cost Feasible Plan capacity improvements will be a subset of the improvements identified on this High Priority Needs map.

Exhibit D: Preliminary County Revenue Forecast

Th is table reflects the current preliminary revenue forecast for local/county revenues, which are for both Capacity Improvements and Operations & Maintenance. (*Note: The distribution of Ad Valorem (Millage) revenue is still being adjusted between Operations & Maintenance and Capacity Improvements.)* We anticipate future guidance from the county in the near future pending review by the Board of County Commissioners.

EXHIBIT A

ENVISION 2050

2050 Roadway Capacity Needs

- 2 Lane
- 4 Lane
- 6 Lane
- 8 Lane
- 10 Lane
- 12 Lane
- Interchanges
- Needs

DADE CITY
SUMTER
LAKE
LAKE
PASCO
POLK
HILLSBOROUGH
POLK
OSCEOLA
HILLSBOROUGH
POLK
POLK
Withlacoochee
Hillsborough River
Alafia River
Kissimmee River
Green Swamp
Lake Hancock
Lake Rosalie
Lake Marion
Lake Weohyakapka
Tiger Lake
Lake Reedy
Lake Arbuckle
Lake Hatchineha
Lake Kissimmee
Lake Mabel
Lake Pierce
Lake Eloise
Lake Winterset
Lake Hamilton
Lake Garfield
Lake Ariana
Lake Parker
Lake Alfred
Lake Lowery
Lake Henry
Lake Cleveland
Lake Van Fleet
Lake Conine
Lake Shipp
Lake Crago
Lake Eagle
Lake Ashton
Lake Crooked
Lake Buffum
Lake Clinch
Lake Annie
Lake Jessie
Lake Idylwild
Lake Gibson
Lake Wire
Lake Lena
Lake Mirror
Lake Shipp
Lake Howard
Lake Fannie
Lake Dexter
Lake Haines
Lake Mariana
Lake Sand
Lake Mattie
Lake Ned
Lake Deer
Lake Mary Jane
Lake Myrtle
Lake Lulu
Lake Bonnet
Lake Gwendolyn
Lake Hollingsworth
Lake Idylwild
Lake Ariana
Lake Parker
Lake Alfred
Lake Lowery
Lake Henry
Lake Cleveland
Lake Van Fleet
Lake Conine
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Lake Mariana
Lake Sand
Lake Mattie
Lake Ned
Lake Deer
Lake Mary Jane
Lake Myrtle
Lake Lulu
Lake Bonnet
Lake Gwendolyn
Lake Hollingsworth
Lake Idylwild
LAKELAND
AUBURNDALE
LAKE ALFRED
WINTER HAVEN
HAINES CITY
DAVENPORT
DUNDEE
EAGLE LAKE
WAHNETA
LAKE WALES
BARTOW
MULBERRY
ALTURAS
HIGHLAND CITY
HIGHLAND PARK
BABSON PARK
HILLCREST HEIGHTS
INDIAN LAKE ESTATES
RIVER RANCH
FROSTPROOF
AVON PARK AIR FORCE RANGE
PIERCE
HOMELAND
BRADLEY
FT. MEADE
POINCIANA
LAKELAND REGIONAL AIRPORT
Miles
0 350700 1,400 2,100
N

EXHIBIT B

ENVISION 2050

Model Alternative 3 AADT

- 90,001+
- 60,001 - 90,000
- 40,001 - 60,000
- 20,001 - 40,000
- <= 20,000

DADE CITY
SUMTER
LAKE
LAKE
PASCO
POLK
HILLSBOROUGH
POLK
HILLSBOROUGH
POLK
OSCEOLA
POLK

103,200
262,000
236,500
1,100
2,600
920
43,000
26,920
220,000
8,335
3,420
94,000
23,200
48,400
20,200
4,000
7,400
21,900
42,600
13,900
48,300
66,000
20,500
270,000
7,700
75,800
36,900
54,200
42,000
16,800
16,700
26,200
18,900
43,200
20,500
62,000
62,800
68,600

DAVENPORT
LAKELAND
AUBURNDALE
LAKE ALFRED
WINTER HAVEN
HAINES CITY
POINCIANA
DUNDEE
LAKE HAMILTON
EAGLE LAKE
WAHNETA
HIGHLAND CITY
BARTOW
LAKE WALES
MULBERRY
ALTURAS
HIGHLAND PARK
BABSON PARK
HILLCREST HEIGHTS
INDIAN LAKE ESTATES
RIVER RANCH
FROSTPROOF
PIERCE
HOMELAND
BRADLEY
FT. MEADE
AVON PARK AIR FORCE RANGE

Withlacoochee River
Hillsborough River
Alafia River
Kissimmee River

Miles
0 350700 1,400 2,100
N

EXHIBIT C

ENVISION 2050

2050 High Priority Needs

- 2 Lane
- 4 Lane
- 6 Lane
- 8 Lane
- 10 Lane
- 12 Lane
- Interchanges
- High Priority

DADE CITY
SUMTER
LAKE
LAKE
PASCO
POLK
HILLSBOROUGH
POLK
HILLSBOROUGH
POLK
OSCEOLA
POLK

Withlacoochee
Hillsborough River
Alafia River
Kissimmee River

LAKELAND
AUBURNDALE
LAKE ALFRED
WINTER HAVEN
HAINES CITY
DAVENPORT
DUNDEE
LAKE WALES
BARTOW
MULBERRY
FT. MEADE
FROSTPROOF
WAHNETA
EAGLE LAKE
HIGHLAND CITY
ALTURAS
HIGHLAND PARK
BABSON PARK
HILLCREST HEIGHTS
INDIAN LAKE ESTATES
RIVER RANCH
POINCIANA
PIERCE
HOMELAND
BRADLEY
AVON PARK AIR FORCE RANGE

Miles
0 350700 1,400 2,100

EXHIBIT D

Polk Transportation Planning Organization

Local Revenues
Capital & Operations & Maintenance

Polk County Revenue Source	Capital % Distribution	County Revenues for Capital Projects (FY2030/31-FY2049/50)	O&M % Distribution	County Revenues for O&M (FY2030/31-FY2049/50)	Total County Revenues (FY2030/31-FY2049/50)
Gas Taxes	60%	$499,174,200	40%	$332,782,800	$831,957,000
**Transportation Millage Fund*	*78%*	*$3,124,004,520*	*22%*	*$881,129,480*	*$4,005,134,000*
Impact Fees	100%	$528,770,000	0%	$-	$95,120,000
Totals		$3,652,774,520		$1,213,912,280	$5,362,981,000

**Preliminary distribution; Millage rate distribution subject to change based on County action*

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