

The Economic Impact and Benefits of the Central Florida Expressway Authority Five-Year Work Plan FY 2020 – FY 2024

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The logo for the Central Florida Expressway Authority, with "CENTRAL FLORIDA" in black, "EXPRESSWAY" in orange, and "AUTHORITY" in black, all in a bold, sans-serif font.

Results at Glance

- 5-year Work Plan is substantial in terms of its contribution to economic growth measured by
 - \$4.6 billion in total output (gross business sales)
 - \$2.4 billion in GDP
 - 5,224 jobs in the Orlando area
 - 719 jobs throughout the State
- Improvements projected to save each household 62 hours per year in reduced delays
- \$1.5 billion in wages and income to the region due to work program projects
- \$133 million in local tax and state revenue from increased business activities
- Additional \$33 million in GDP and 380 jobs from induced impact of households out-of-pocket cost savings (annual)
- \$308 million in reduced accident costs (safety)

Study Approach

Objectives

- Assess the contribution of the Work Plan to the economy of the Orlando-Kissimmee-Sanford Metropolitan Statistical Area (MSA)
- Determine the economic benefits that the Work Plan will produce for Expressway Authority users
- Personal travel time savings
- Reduced accidents
- Reduced out-of-pocket costs
- Reduced pollution emissions



Study Approach

Methodology

Project Expenditures

- Employment
- Business output



Travel Improvements

- Travel time savings
- Accident reductions
- Out-of-pocket cost savings
- Emission reductions

Economic Benefits (\$)

- Employment
- Business output
- Household savings
- Local tax revenue

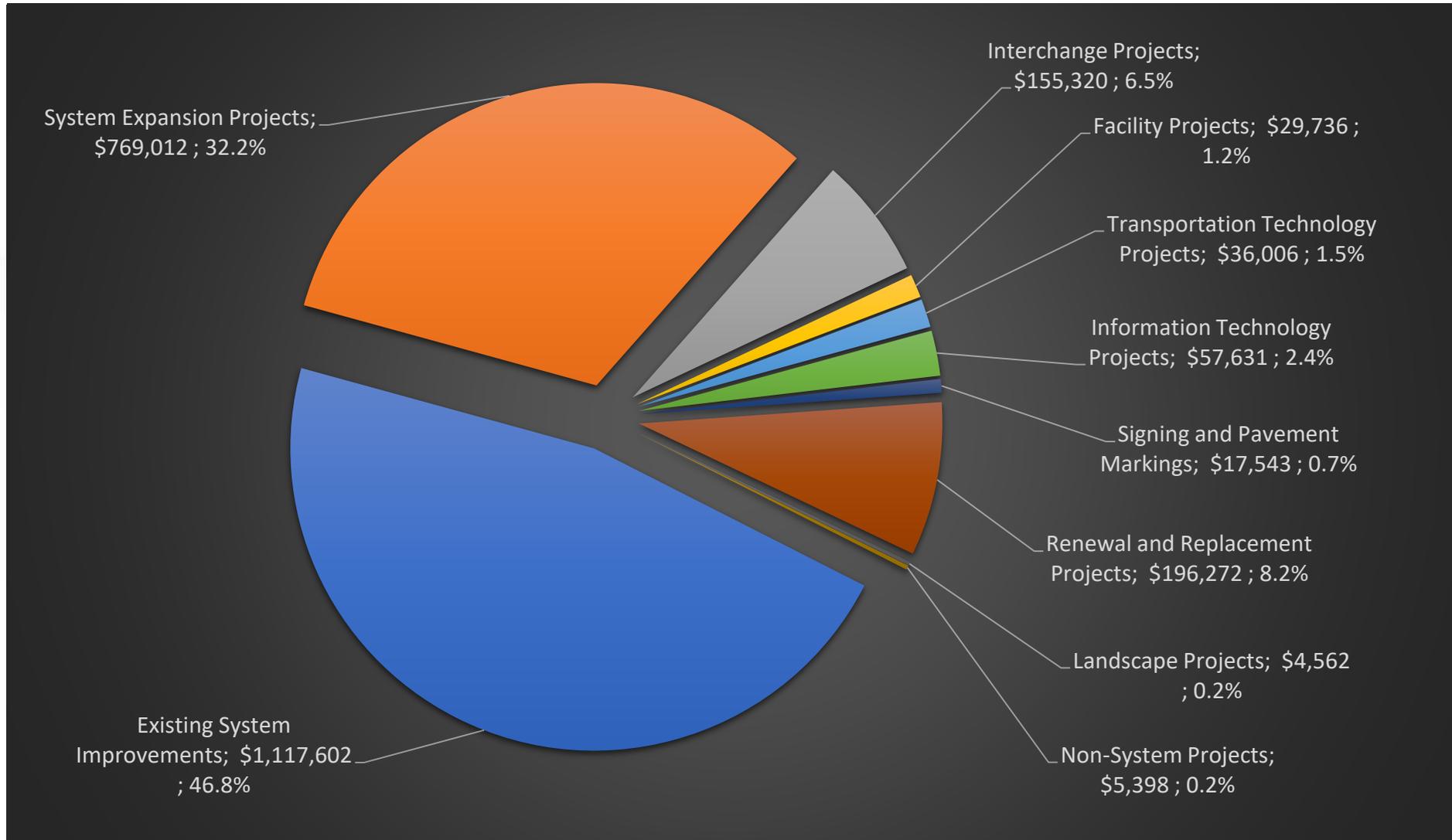
Work Plan Expenditures Evaluated

- Current dollars
- Direct impact to Orlando-Kissimmee - Sanford MSA
- Impacts estimated using an Input-Output model

Travel Improvement Impacts Estimated

- 2025-2045 CFX traffic engineers forecasts
- Changes in travel mobility and safety
- Change in out-of-pocket costs - indirect

Five-Year Work Plan – Breakdown by Category



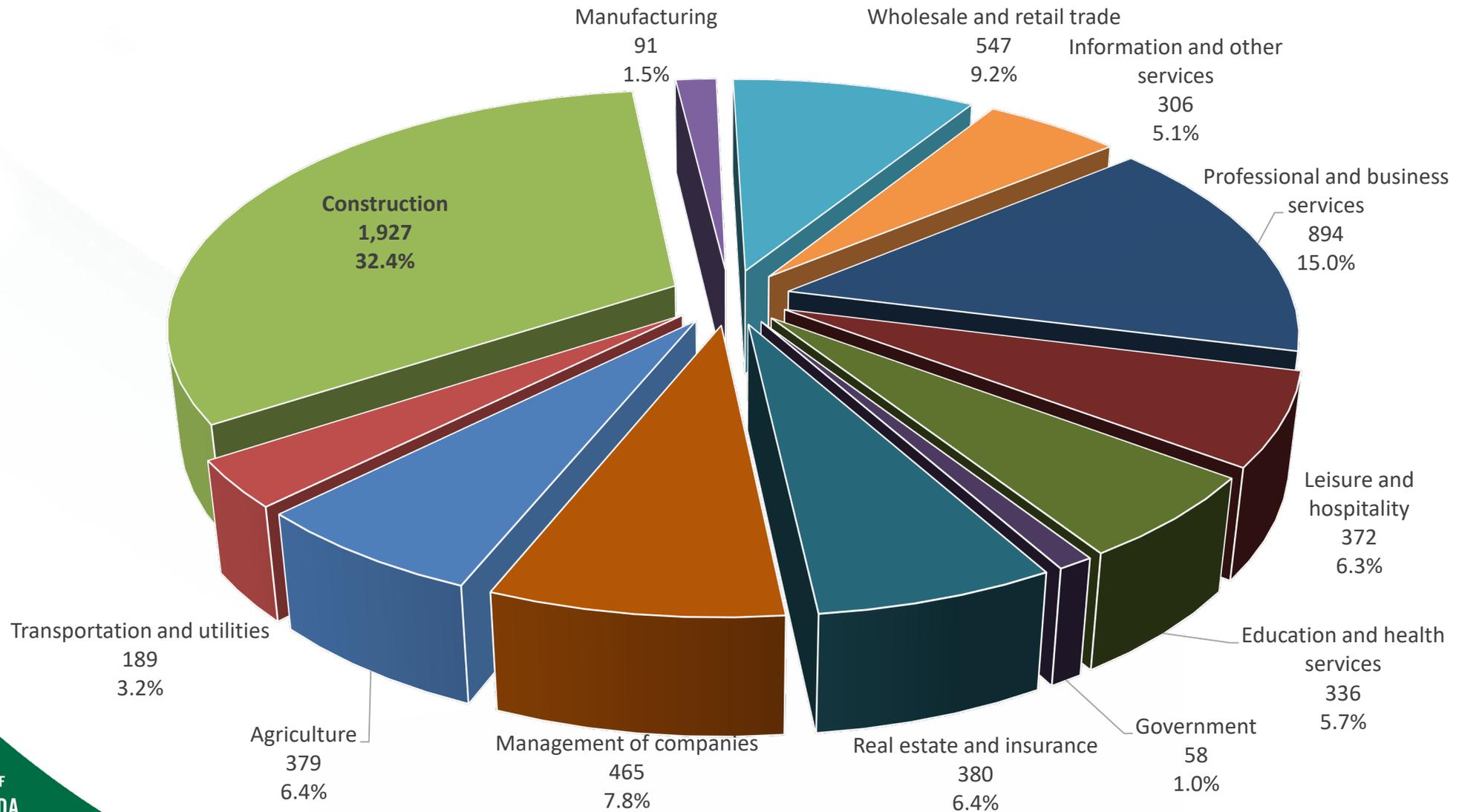
Expenditure Impacts

<i>Impact Type</i>	<i>Output (\$,000)</i>	<i>Labor Income (\$,000)</i>	<i>Value Added (\$,000)</i>	<i>Employment</i>
<i>Direct</i>	2,222,925	789,108	1,046,125	2,570
<i>Indirect</i>	1,187,314	389,495	641,111	1,542
<i>Induced</i>	1,191,641	376,002	697,789	1,830
<i>Total</i>	4,601,879	1,554,605	2,385,025	5,942

Work Plan expenditures will generate

- \$1.5 billion in wages and other income
- A total of 5,942 jobs

Employment Impacts



Fiscal Impact

Revenue Source	Total Impact (\$, million)
Sales tax	67.6
Property tax	35.8
Motor vehicle tax	0.7
Corporation taxes	5.2
Other*	23.5
Total	132.8

**Fines and fees (non-tax)*

Work Plan Direct User Benefits

Benefit	(\$ million/year)
Travel time savings	
To Households	623.5
To Businesses	101.8
Accident cost reductions	308.0
Fuel consumption savings	
To Households	25.7
To Businesses	11.0
Emission pollution reductions	20.8
Total	1,090.8

Household Savings

Travel Time Savings

- 62 hours in wasted travel

Out-of-Pocket Cost Savings

- \$25.7 million in gasoline
- \$22.7 million savings in medical expenses from avoided accidents
- \$27 per household (reduced fuel costs)

Indirect and Induced Effect of Household Costs Savings

- \$33.6 million in Gross Domestic Product (GDP)
- Additional support of 380 jobs

Conclusions

- 5-year Work Plan is substantial in terms of its contribution to **economic growth measured by \$4.6 billion in total output (gross business sales) and \$2.4 billion in GDP**
- **5,942 jobs for the 5-counties** (Brevard, Lake, Orange, Osceola, Seminole) and the rest of the State of Florida

Significant Contribution Towards Supporting Jobs in the Most Relevant Industries of the Region

- Construction
- Professional and business services sector
- Wholesale and retail trade

Each Household on Average Saves

- 62 hours in travel annually
- \$729 per year in travel time savings
- \$57 per year on out-of-pocket costs due to reduced fuel costs and reduced medical expenses associated with accidents

Other benefits

- Substantial accident cost reduction of \$308 million/year
- Emissions costs reduced \$20.8 million annually