



ORLANDO
ECONOMIC
PARTNERSHIP

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WELCOME 2021 ADVOCATES

Presented by
BakerHostetler



GOVERNORS COUNCIL SPONSORS



TRANSPORTATION

- Support full funding of I-4 Beyond the Ultimate to accelerate much needed connectivity within the Orlando region.
- Support funding that will improve service and enhance the connectivity of the LYNX bus system. Ensure flexibility for transit funding to be used for both capital and operations.
- Support the funding for SunRail Phase 3 that will provide a connection between SunRail and the Orlando International Airport.

I-4 Beyond the Ultimate

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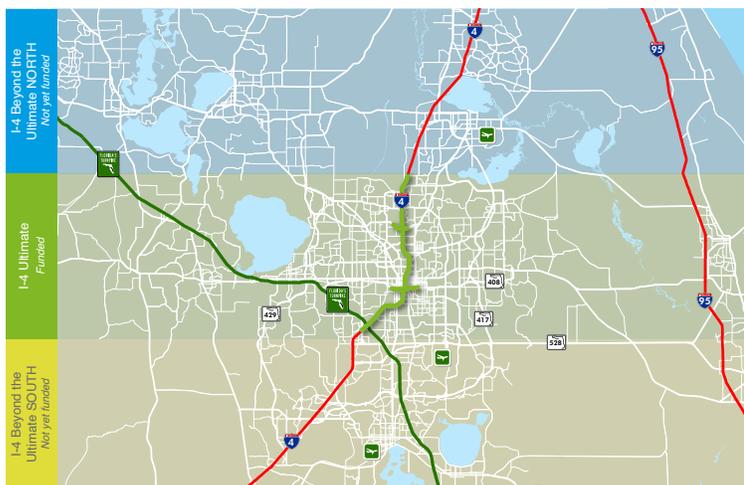
As the \$2.3 billion "I-4 Ultimate" project continues, there is an urgent need to address next steps in the completion of the project. Some segments of I-4 carry as many as 235,000 vehicles per day—far more than I-4 originally was designed to accommodate.

The Florida Department of Transportation (FDOT) plans to complete reconstruction of 21 miles of I-4 in Orange and Seminole counties, add four express toll lanes in the median, and reconstruct 15 major interchanges.

FDOT has identified concepts for I-4 Beyond the Ultimate to the north and south of the 21-mile segment, but funding for these projects has not yet been identified. If this full range of improvements does not move forward, the chokepoints on I-4 will shift to different spots along the corridor - particular concern in Osceola and Polk Counties where both freight and visitor traffic continue to rise.

Delays on I-4 continue to increase - only two out of every five I-4 trips in Orange, Osceola, and Seminole Counties were considered "on time."

Map of I-4 Beyond the Ultimate



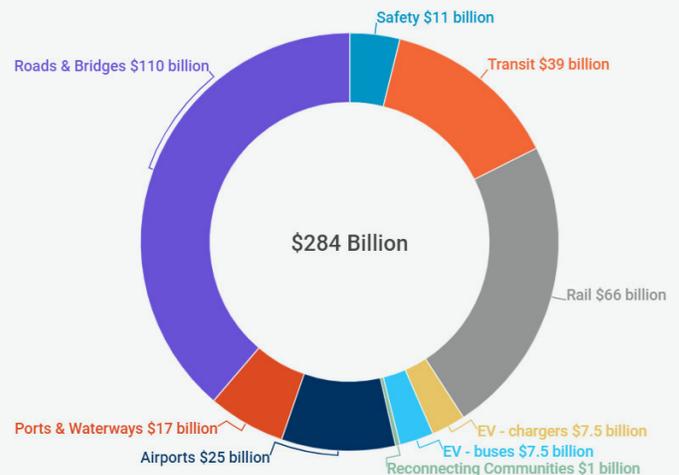
Build out and speed up regional transit systems

Orlando's transit system today does not meet the needs of residents, visitors, and businesses in a growing, diverse economy. The average metropolitan Orlando resident can access nearly 527,000 jobs by car within a 30 minute commute time—but only 5,600 by transit. A more robust transit system through LYNX and SunRail with greater frequency would enhance access to jobs, education, healthcare, and other services; provide an alternative for visitors and for social and recreational travelers; and expand the potential workforce for regional businesses.

Background – The Infrastructure Investment and Jobs Act (IIJA)

The IIJA became law earlier this week. It directs \$284 billion in above baseline spending toward all modes of transportation and \$266 billion for other infrastructure sectors. As is the case in the American Jobs Plan and past proposals from Senate Republicans, IIJA directs most of its investments – nearly 52 percent – toward modernizing and making improvements to transportation infrastructure, with the majority of funding reserved for highways, roads and bridges:

- Roads & Bridges: \$110 billion
- Transit: \$39 billion
- Rail: \$66 billion
- Safety: \$11 billion
- Airports: \$25 billion
- Ports & Waterways: \$17 billion
- Electric vehicle chargers: \$7.5 billion
- Electric buses: \$7.5 billion
- Reconnecting Communities: \$1 billion



Source: National Association of Counties Legislative Analysis

SEMICONDUCTORS

- Support investment into the Central Florida region for semiconductor manufacturing by supporting full funding of the CHIPS Act authorized earlier this year.
- Support Osceola County's collaborative proposal with BRIDG, University of Central Florida and the Orlando Economic Partnership for Central Florida's Growth Cluster for Broad-based Prosperity™ focused on addressing the vulnerabilities in the semiconductor supply chain in response to the Economic Development Administration's Build Back Better Regional Challenge.

Background – the CHIPS Act

The CHIPS Act was authorized in the fiscal year 2021 National Defense Authorization Act, but was not funded.

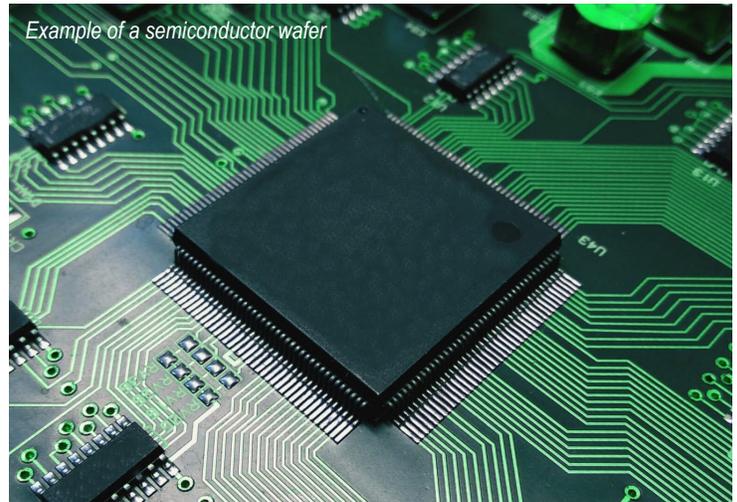
The U.S. Senate passed the United States Innovation and Competition Act of 2021, which would fully fund the CHIPS Act, on June 8 with 68 yeas and 32 nays.

The bill would do the following:

- Provide about \$52 billion in emergency funding for semiconductor research and development.
- Reauthorize programs at the National Science Foundation and NASA.
- Authorize additional amounts for foreign military financing in the Indo-Pacific.
- Direct the president to impose sanctions on China for various actions relating to “malign influence.”
- Reauthorize federal manufacturing support programs.
- Expand “Buy American” requirements and broaden programs to secure U.S. supply chains.
- Impose rules on the federal procurement and use of artificial intelligence.
- Expand federal support for STEM initiatives in higher education, as well as across research sectors.
- Subject foreign donations to U.S. academic institutions to oversight by the Committee on Foreign Investment in the U.S.
- Modify premerger notification fees paid to the Federal Trade Commission and index the amounts for inflation.

The bill has not had much movement in the House but has general bipartisan support.

Due to the severity of supply chain challenges, it has reemerged as a high priority for Congress. Now that an infrastructure package has been signed into law, there is hope for the inclusion of CHIPS funding in the reconciliation package or NDAA.



Why passing the CHIPS Program is critical to establishing a sustainable semiconductor ecosystem in the U.S.

By passing full funding for the CHIPS Act and getting it over the finish line (passing it in the House and getting it to the president's desk) leaders in Washington could lead to a historic resurgence of chip manufacturing in our country.

This is the only way we can begin to reach a level playing field with competitors. There must be investment in facilities and equipment in the United States for semiconductor fabrication, assembly, testing, advanced packaging, and research and development.

Fully realizing this investment will lead to the modernization of a domestic semiconductor manufacturing base.

Domestic chip investment will strengthen America's economy, national security, technology leadership, and global competitiveness for years to come.

According to the Semiconductor Industry Association, 100% of the world's most advanced logic semiconductors (<10 nm) were produced overseas in 2019. Furthermore, of the top 25 Semiconductor Assembly and Test Companies, there are no suppliers with US on-shore manufacturing facilities and there is only one US supplier in the top 25, Amkor, and this supplier does not have manufacturing facilities in the U.S.

SEMICONDUCTORS (CONT.)

Diversifying our economy and boosting our workforce through Semiconductors

We've already made investment to diversify our economy by building facilities like BRIDG and welcoming companies like SkyWater.

Osceola County's economy is predominately hospitality or agriculture based, and to diversify its economy, the County decided to make a long-term investment into a 500-acre technology district, known as NeoCity. Strategically located near Orlando, inside America's only Spaceport/Seaport/Airport/Rail grouping, NeoCity is uniquely positioned to lead our nation's semiconductor renaissance.

A cornerstone for NeoCity is The Center for NeoVation which has been developed with more than \$200 million in state of Florida and Osceola County investments and is collocated with a new STEM-focused public high school known as NeoCity Academy; a 100,000 sq. ft. Class-A office building known as The OC, and a new electrical substation to support the future growth of the 500-acre technology district, shown below.

The initiative's contribution to national economic stability promises to be far-reaching, particularly as in contributing to the reversal of a 30-year decline in the U.S. share of global semiconductor manufacturing capacity which has eroded from 37% in 1990 to 12% today.

Central Florida's Growth Cluster for Broad-based Prosperity™

With a coalition of Osceola County, the Partnership, BRIDG, and UCF we have submitted a proposal through the Build Back Better grant for a regional response answering the call for the sector's resurgence and evolution. Central Florida has the infrastructure and is prepared to grow this industry in conjunction with federal action such as the CHIPS for America Act and the FABS Act. This is necessary to maintain global competitiveness spanning national imperatives such as economic resilience, homeland security, military/defense superiority, clean energy breakthroughs, climate change mitigation, among others.

The findings of the National Research Council (US) Committee on Comparative National Innovation Policies in 2012 stand today: The country's future economic prosperity and security depends on sustaining the nation's capacity to innovate—that is, translate our investments in research into new products for the market and new solutions for national missions.



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ABOUT THE ORLANDO ECONOMIC PARTNERSHIP

The Orlando Economic Partnership (the Partnership) is a public-private, not-for-profit economic and community development organization that works to advance Broad-based Prosperity™ by strengthening Orlando's economy, amplifying Orlando's story, championing regional priorities, empowering community leaders and building a brilliant region. These five foundational objectives serve to improve the region's competitiveness while responding to the needs of communities, residents and businesses.