Presentation Outline

- Background
- International Drive Transit Feasibility and Alternatives Assessment Scope of Service
- Next Steps
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Background

- I-Drive, The Premium Transit Destination
  - Central Florida Light Rail
  - Florida High Speed Rail
  - American Maglev
  - EMMI/Globalvia
  - All Contemplated I-Drive Connection
I-Drive, The Premium Transit Destination

- I-Ride Trolley
  - Began Service in 1997 (20 Years)
  - 24 Mile Route (Red & Green Lines)
  - Major Boulevard Area to Orlando Vineland Premium Outlets
  - 1.754M Person Trips in 2016
  - Over Capacity During Last 10 Years
Background

I-Drive, The Premium Transit Destination

- North I-Drive Improvements
  - Bus Lanes & Ped Improvements 2014
  - Oak Ridge Road to Universal Boulevard

- LYNX
  - Links 8, 38, 42 and 58
  - 21 Bus Stops Along Corridor
  - 2,268 Boarding/Alightings Per Day, 800k Per Year
I-Drive, The Premium Transit Destination

- **The Reason:** I-Drive
  
  Business Improvement District Reports
  
  • 2017 & Beyond More than $2 Billion of High-Profile Development Planned Through 2022
I-Drive, The Premium Transit Destination

- I-Drive Transit Lanes
  - Design to Finish June 2018
  - Relieves Congestion, Accommodates I-Ride Trolley and Charter Buses
  - Connection to Future Convention Center Circulator
I-Drive, The Premium Transit Destination

- I-Drive District 2040 Strategic Vision
  - Vision Document 2016
  - Code 2017
  - Premium Transit Connecting Districts

4 + 2 Dedicated Lanes
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**Scope of Service**

- **Feasibility**
  - Validate Viability of Premium Transit
    - Public Outreach
    - Purpose & Need
    - Setting Goals and Objectives
    - Environmental Effects
    - Current/Future Traffic Conditions
    - Current/Future Transit Ridership

<table>
<thead>
<tr>
<th>System</th>
<th>Ridership</th>
<th>Per Mile</th>
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<tbody>
<tr>
<td>TECO (2.7m)</td>
<td>273,500</td>
<td>101,296 per mile</td>
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<td>Seattle Streetcar (3.8m)</td>
<td>707,700</td>
<td>186,236 per mile</td>
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<td>Portland Streetcar (7.35m)</td>
<td>5,627,687</td>
<td>765,671 per mile</td>
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<td>New Orleans Streetcar (22.3m)</td>
<td>8,048,400</td>
<td>360,914 per mile</td>
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Scope of Service

- Alternatives Analysis
  - Evaluation Criteria
    - Effectiveness
    - Cost Analysis
    - Financial Feasibility
  - Alignment Development
  - Conceptual Design
    - Typical Road Sections
    - Right-of-way Impacts
    - Station Locations
    - Utilities
Scope of Service

- Alternative Analysis
  - Conceptual Design (cont.)
    - Geometric Constraints
    - Access Management
    - Drainage
    - Comparison/Decision Matrix
  - Evaluation of Proposed System
    - Operational Plan
    - Ridership Forecast
    - Capital Costs
    - O&M Cost Estimates
Scope of Service

- Station Locations
  - Median Platform (2040 Vision)
Scope of Service

- Station Locations
  - Curbside Platform
Scope of Service

Maintenance Facility Needs
—Destination Parkway
Scope of Service

Power Stations and Distribution
Scope of Service

- Implementation Plan
  - Phasing Plan
  - Programming Strategies
  - Outreach Plan
  - Funding Application Package
  - Federal Funding Eligibility
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Consultant Procurement

- Consultant Competitive Negotiation Act (CCNA)
- Advertise January/February
- Typically 6 Month Process
- Study Budget $700K
- Study Duration 14 Months
- Team Qualifications:
  - Professional Engineer
  - Certified Planner/15-Year Financial Transit Professional
Next Production Phases (Federalized)

- Project Development & Environmental
- Design
- Construction