HOLLYWOOD/PINES CORRIDOR PROJECT
AMPO 2013 Annual Conference
October 24, 2013

Our Perspective
Who governs the Broward MPO?

38 Member Board:
• 14 - Largest Cities (Census population).
• 3 - County Commissioners.
• 1 - School Board.
• 1 - South Florida Regional Transportation Authority
• 19 – Alternates – voting rights when others are absent.

Three (3) Advisory Boards:
• Technical Coordinating Committee (TCC).
• Community Involvement Roundtable (CIR).
• Local Coordinating Board (LCB).
Livability Connection

MOBILITY HUBS

Gateway Hubs $8.2M
Anchor Hubs $1.9M
Community Hubs $57K

PREMIUM TRANSIT

High Capacity
Rapid Bus

2035 Transit Cost Feasible Plan

Boardings & Alightings (forecast)

<table>
<thead>
<tr>
<th>Gateway</th>
<th>Anchor</th>
<th>Community</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boardings &amp; Alightings (forecast)</td>
<td>High &gt; 2,200.</td>
<td>Moderate to high (1,500 to 2,200)</td>
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<tr>
<td>Development</td>
<td>Surrounded by high density mixed use developments: TOCs, TODs, Downtowns</td>
<td>Located by Regional Activity Centers or Local Activity Centers: Employment Centers, Town Centers, Major Institutions.</td>
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<tr>
<td>Connectivity</td>
<td>Provide connections for two or more high capacity lines</td>
<td>Provide connection to at least one high capacity line</td>
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<tr>
<td>Estimated investment</td>
<td>around $8.2 million per hub.</td>
<td>around $1.9 million per hub.</td>
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Project Introduction

- Livable community that is safe, enjoyable, and sustainable for all citizens and visitors
- Focuses on Development of Mobility Hubs and congestion management project opportunities

Project Overview

Technical Process
- Land use/transportation assessment
- Mobility Hub scenario development
- Congestion management recommendations
- Prioritization and implementation

Public Engagement Process
- Community meetings, stakeholder interviews
- Visioning workshops
- iTown Hall Meeting
- City Commission and MPO Briefings
Project Study Area

City of Pembroke Pines

City of Hollywood

~20 miles

Corridor Segments

- Recognize varying characteristics along corridor
- Identify solutions appropriate to context
Corridor Segments
Suburban

Traffic and Level of Service

Volume/Capacity Ratio (2009)
- < 0.30
- 0.31 - 0.60
- 0.61 - 0.90
- 0.91 - 1.20
- >1.20 (Max=1.87)

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>1.20 (Max=1.87)
0.61 - 0.90
Transit Activity

Daily Stop Volume

- 0 - 25
- 26 - 50
- 51 - 100
- 101 - 250
- > 250

1,300 Customers
1,400 Customers
1,700 Customers

Crash History

Crash Summary

- 2 - 10
- 11 - 25
- 26 - 50
- > 100 (Max 282)
Multimodal Network

Public Engagement

- Newsletter
- Website
- Community Meetings
- Initial Contact List
- Effective outreach
- Visioning Workshops
First Review: 9 of 11 zip codes

Second Review: 11 of 11 zip codes
Visioning Process – Mobility Hub Selection

Hollywood Blvd & Dixie Highway

Pines Blvd & Flamingo Road

Hollywood Blvd & SR 7

Pines Blvd & University Dr.

Scenario Building Process

Building Types → Scenario Development → Evaluation

Step 1: Model a library of building types that are financially feasible at the local level.
Step 2: Paint future land use scenarios to test the implications of different decisions or policies.

Step 3: Compare the scenarios and monitor the impact of land use decisions in real-time.
Comparing the Scenarios

Site, node, corridor-level indicators:

- Return on investment
- Employment density
- Jobs-housing balance
- Mixed use (entropy) score
- Walkability
- Air quality impacts
- Energy consumption
- Fiscal impacts
- Shared Parking
- VMT
- Transit Trips
- etc...

Visioning Workshops
Provide greenway as part of SR 7 widening project

Consider multi-family development buffered from major roads with retail/mixed-use

Provide enhanced transit facilities at northeast and southwest corners

“Wrap” Wal-Mart site to create more walkable street frontage

Neighborhood scale infill/redevelopment along SR 7 & Hollywood Blvd.
Hollywood Blvd & Dixie Highway

Redevelop lower-intensity uses adjacent to station platform area

Leverage City-owned properties; provide new stops to serve station

“Organic” infill and redevelopment over time

Potential FEC Rail Station

Pineapple Retail

Mainstreet Retail

New mid-rise condominiums

Mainstreet Retail

New mid-rise condominiums

Single family and small apartment complexes

Single family and small apartment complexes

Business highway uses
Pines Blvd & Flamingo Road

- CB Smith Park
- 95E and Commuter Svc. Park-n-Ride
- Walmart
- Publix
- Big-box Retail
- Big-box Retail
- Multi-family Residential
- Memorial West Hospital
- Pembroke Lakes Mall

Preserve anchor tenants
Accommodate multi-family development
Consider splitting BCT Route 7 to the east and west of Flamingo Road
Wrap retail using mixed-use “liner” buildings
Shift bus transfer center from mall to redevelopment site; transit routes circulate through Mobility hub convenient to the hospital, mall and new land uses

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Current 95E Park-n-Ride Site (Publix)

Multi-family Residential

Lowes

Retail

Car dealership & storage

Aviation Authority Property

North Perry Airport

Multi-family Residential

Infill development with shared/structured parking

Redevelop as multi-family (mid-term)

Longer-term mixed use development

Limited development potential, but short-term use for Mobility Hub and park-and-ride options
Summary of Recommendations:

- 31 Bicycle facility projects (24 miles)
- 10 Sidewalks/side-path projects (8 miles)
- 33 Crosswalks and pedestrian enhancement recommendations
- 3 major complete streets projects
- 10 bus stop enhancement/siting recommendations
- 9 Traffic operations opportunities
- Urban design toolkit

Example Complete Streets Project:
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![Diagram of a Complete Streets project example. The diagram shows a street with various features such as bike lanes, sidewalks, landscaped areas, and public art.]
Example Pedestrian Safety Enhancement:

- High emphasis markings
- Advance stop bar; solid lane line to stopping sight distance
- RRFB or Hybrid Beacon
- Check lighting
- Check landscaping

RRFB = Rectangular Rapid Flash Beacon

Example Multimodal Facility Project:

Add Multiuse Trail Option
Conflict Area
Outreach

- iTown Hall
- Agency Coordination
- City Commission and MPO Committee Briefings

Other Recommendations

- Advanced signal controllers, adaptive control
- Real-time monitoring
- Driver information
Other Recommendations

• Intersection lighting enhancements
• Bus stop placement
  – For safer/more convenient access
• Evaluate elimination of bus route deviations
• Other safety and operational considerations

Project Prioritization

• Sidewalks and Bicycle Lanes
  – Roadway characteristics
  – Quality of existing facilities
  – Potential to provide access to transit
  – Availability of alternatives
Project Prioritization

- **Bus Stop Enhancements/Relocation**
  - Stop ridership
  - Roadway characteristics

- **Traffic Operational Improvements**
  - Extent of congestion
  - Traffic volumes

- **Multimodal Safety Enhancements**
  - Exposure
  - Crash history

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