MIAMI-DADE MPO CSX CORRIDOR EVALUATION STUDY

Kick-off Community Meeting

January 27, 2009

Project No. E05-MPO-01 : GPC III-29
INTRODUCTIONS

- Opening Welcome – Wilson Fernandez (MPO)
- Phase 1 Presentation
  - Fred Silverman - Parsons Transportation Group (PTG)
  - Jose Muñoz - BCC Engineering (BCC)
- Question Moderator – Dennis Lyzniak (PTG)
- Closing Remarks – Wilson Fernandez
STUDY PURPOSE

Evaluate the feasibility of reusing the CSX right-of-way for other mobility purposes.
Miami-Dade County Rail Lines
STUDY ELEMENTS

- Feasibility of removing rail freight from CSX between MIA and the Metrozoo area
- Feasibility of creating new CSX rail corridor from Oleander Jct. to Krome Avenue\GPC Spur
- What are options to use CSX rights-of-way
- How best to re-use remaining CSX corridor
CSX Mainline from Hialeah yard branches at Oleander Junction on the south side of Miami International Airport:

- **Homestead Subdivision**
  - Lehigh Spur – about NW 12th Street
  - GPC Spur – about SW 142nd Street
ISSUES

• Can freight traffic be moved from the track?
• Where would freight traffic go?
• Can a new rail corridor be developed?
• Problems and costs to move CSX freight?
• What are good re-use purposes?
• Does shifting the CSX and re-use of the right-of-way deserve further attention?
Phase I
• Evaluate feasibility of connecting the Lehigh Spur to the Portland Spur to consolidate CSX freight traffic at or above Oleander Junction.

Phase II
• Evaluate freight consolidation strategies and new alignment options.

Phase III
• Study feasibility of right-of-way reuse options – transportation use, greenway or other uses
## CSX Rail Corridor Study Schedule

<table>
<thead>
<tr>
<th>Task No.</th>
<th>Task Description</th>
<th>Months from Notice To Proceed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Coordination and Meetings</td>
<td>☐ 2 3 4 ☐ 6 ☐ ☐ ☐</td>
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<tr>
<td>2</td>
<td>Literature Search</td>
<td>☐ 2 3 4 ☐ 6 ☐ ☐ ☐</td>
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<tr>
<td>3</td>
<td>Rail Corridors Status Report</td>
<td>☐ 2 3 4 ☐ 6 ☐ ☐ ☐</td>
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<tr>
<td>4</td>
<td>Freight Rail Consolidation Evaluation</td>
<td>☐ 2 3 4 ☐ 6 ☐ ☐ ☐</td>
</tr>
<tr>
<td>5</td>
<td>Alternatives Evaluation</td>
<td>☐ 2 3 4 ☐ 6 ☐ ☐ ☐</td>
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<tr>
<td>6</td>
<td>Recommendations/Final Report</td>
<td>☐ 2 3 4 ☐ 6 ☐ ☐ ☐</td>
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</tbody>
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- ☐ = Community Meetings

**Kick-off January 27th**
LAND USE AND ENVIRONMENTAL OVERVIEW
INITIAL CORRIDOR EVALUATION

- Developed 4 Initial Alignments
  - A - orange
  - B - red
  - C - blue
  - D - green
- GIS Evaluation
  - Archaeological/Historical
  - Wetlands
  - Impacts to Residents
    - Visual Impacts
    - Noise Sensitive Receptors
  - Impact to Wildlife and Habitat Areas
  - Community Impacts (Services, Parks, etc.)
  - Number of Rail Crossings
ALIGNMENT ALTERNATIVES
Archaeological Impacts

Legend
- UDB 2025
- UDB 2015
- CSX Railroad

Historic Sites
- Artifact scatter-low density (< 2 per sq meter)
- Farmstead
- Habitation (prehistoric)
- Historic refuse / Dump
- Homestead
- Prehistoric midden(s)
- Prehistoric mound(s)
Wetland Impacts

Legend
- UDB 2025
- UDB 2015
- CSX Railroad
- AQUACULTURE
- BAY SWAMPS
- CHANNELIZED WATERWAYS, CANALS
- EMERGENT AQUATIC VEGETATION
- FRESHWATER MARSHES - SAWGRASS
- FRESHWATER MARSHES / GRAMINOID PRAIRIE-MARSH
- HARDWOOD / CONIFEROUS MIXED
- HERBACEOUS (DRY PRAIRIE)
- HIGH DENSITY: FIXED SINGLE FAMILY UNITS
- CHANNELIZED WATERWAYS, CANALS
- EMERGENT AQUATIC VEGETATION
- FRESHWATER MARSHES - SAWGRASS
- FRESHWATER MARSHES / GRAMINOID PRAIRIE-MARSH
- HARDWOOD / CONIFEROUS MIXED
- HERBACEOUS (DRY PRAIRIE)
- HIGH DENSITY: FIXED SINGLE FAMILY UNITS
- HIGH DENSITY: MOBILE HOME UNITS
- HIGH DENSITY: UNDER CONSTRUCTION
- HOLDING PONDS
- LAKES
- MANGROVE SWAMP
- MARINAS AND FISH CAMPS
- MIXED WETLAND HARDWOODS
- NATURAL RIVER, STREAM, WATERWAY
- NON-VEGETATED WETLAND
- RESERVOIRS
- SALTWATER MARSHES / HALOPHYTIC HERBACEOUS
- UPLAND HARDWOOD FOREST
- UPLAND SHRUB AND BRUSH LAND
- WET MELALEUCA
- WET PINELANDS HYDRIC PINE
- WET PRAIRIES
Floodplain Elevations

Legend
- UDB 2025
- UDB 2015
- CSX Railroad

Flood Zone
ELEV
- 6
- 7
- 8
- 9
- 10
Land Use Map

Legend
- UDB 2025
- UDB 2015
- CSX Railroad
- Agriculture
- Airports/Ports
- Cemeteries
- Communications, Utilities, Terminals, Plants
- Expressway Right of Way Open Areas
- Industrial
- Industrial Extraction
- Institutional
- Low-Density Multi-Family
- Mobile Home Parks
- Multi-Family, Migrant Camps
- Office
- Parks (Including Preserves & Conservation)
- Shopping Centers, Commercial, Stadiums, Tracks
- Single-Family
- Streets/Roads, Expressways, Ramps
- Streets/Roads/Canals R/W
- Townhouses
- Transient-Residential (Hotels/Motels)
- Two-Family (Duplexes)
- Vacant Unprotected
- Vacant, Government Owned
- Vacant, Protected, Privately Owned
- Water
- Water Conservation Areas
Water Wellfield Impacts

Legend
- UDB 2025
- UDB 2015
- CSX Railroad

TRAVELTIME
- 010
- 030
- 100
- 210
- AVG
- INT
- MAX
- OUTER

- PERMITS
- Well Field Locations
## Evaluation Matrix

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Alignment Alternatives Potential Impacts</th>
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<tbody>
<tr>
<td></td>
<td>A (Orange)</td>
</tr>
<tr>
<td>Historic and Archaeological Sites</td>
<td>Minimal</td>
</tr>
<tr>
<td>Wetlands</td>
<td>Moderate</td>
</tr>
<tr>
<td>Residential Impacts</td>
<td>None</td>
</tr>
<tr>
<td>Wildlife and Habitat</td>
<td>Moderate</td>
</tr>
<tr>
<td>Flood Plain</td>
<td>Moderate</td>
</tr>
<tr>
<td>Wells</td>
<td>Minimal</td>
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</tbody>
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NEXT STEPS

- Continue environmental review
- Evaluate CSX freight service and options to shift railroad alignment
- Determine if re-use is possible
- Evaluate possible right-of-way re-use options
Follow-up Community Meetings

- Late March
- Late May
- Complete Study – June 2009
THANK YOU!