



MIAMI-DADE MPO CSX CORRIDOR EVALUATION STUDY

Kick-off Community Meeting

January 27, 2009

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





INTRODUCTIONS

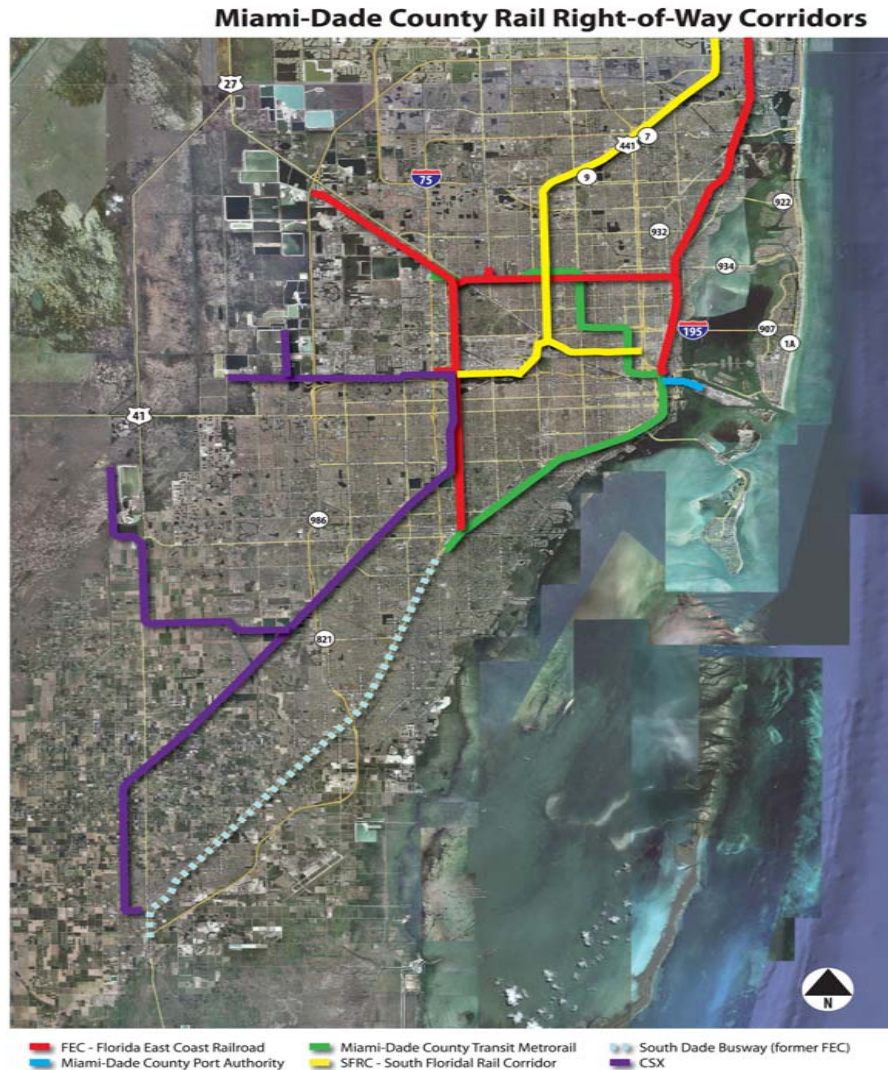
- Opening Welcome – Wilson Fernandez (MPO)
- Phase 1 Presentation
 - Fred Silverman - Parsons Transportation Group (PTG)
 - Jose Muñoz - BCC Engineering (BCC)
- Question Moderator – Dennis Lyzniak (PTG)
- Closing Remarks – Wilson Fernandez



STUDY PURPOSE

Evaluate the feasibility of re-using 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

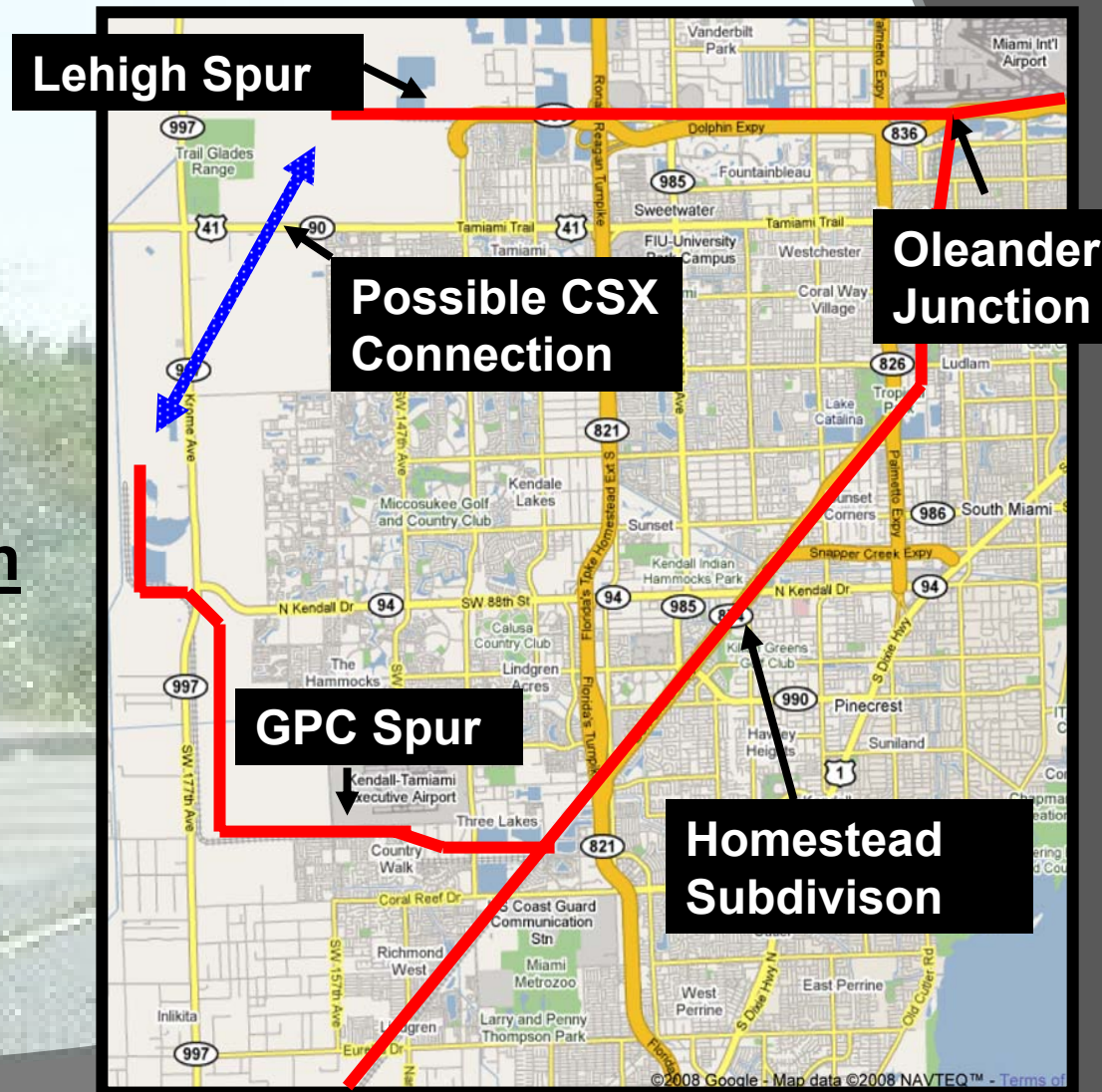


CSX FREIGHT LINK REPLACEMENT

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?**



STUDY STRUCTURE

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



Task No.	Task Description	Months from Notice To Proceed									
		1	2	3	4	5	6	7	8	9	10
1	<i>Coordination and Meetings</i>				☐		☐		☐		
2	<i>Literature Search</i>										
3	<i>Rail Corridors Status Report</i>										
4	<i>Freight Rail Consolidation Evaluation</i>										
5	<i>Alternatives Evaluation</i>										
6	<i>Recommendation s/Final Report</i>										

**Kick-off
January 27th**

☐ = Community Meetings



LAND USE AND ENVIRONMENTAL OVERVIEW



STUDY AREA

Lehigh Spur

Oleander Junction

Phase I – Study Area

GPC (Portland) Spur

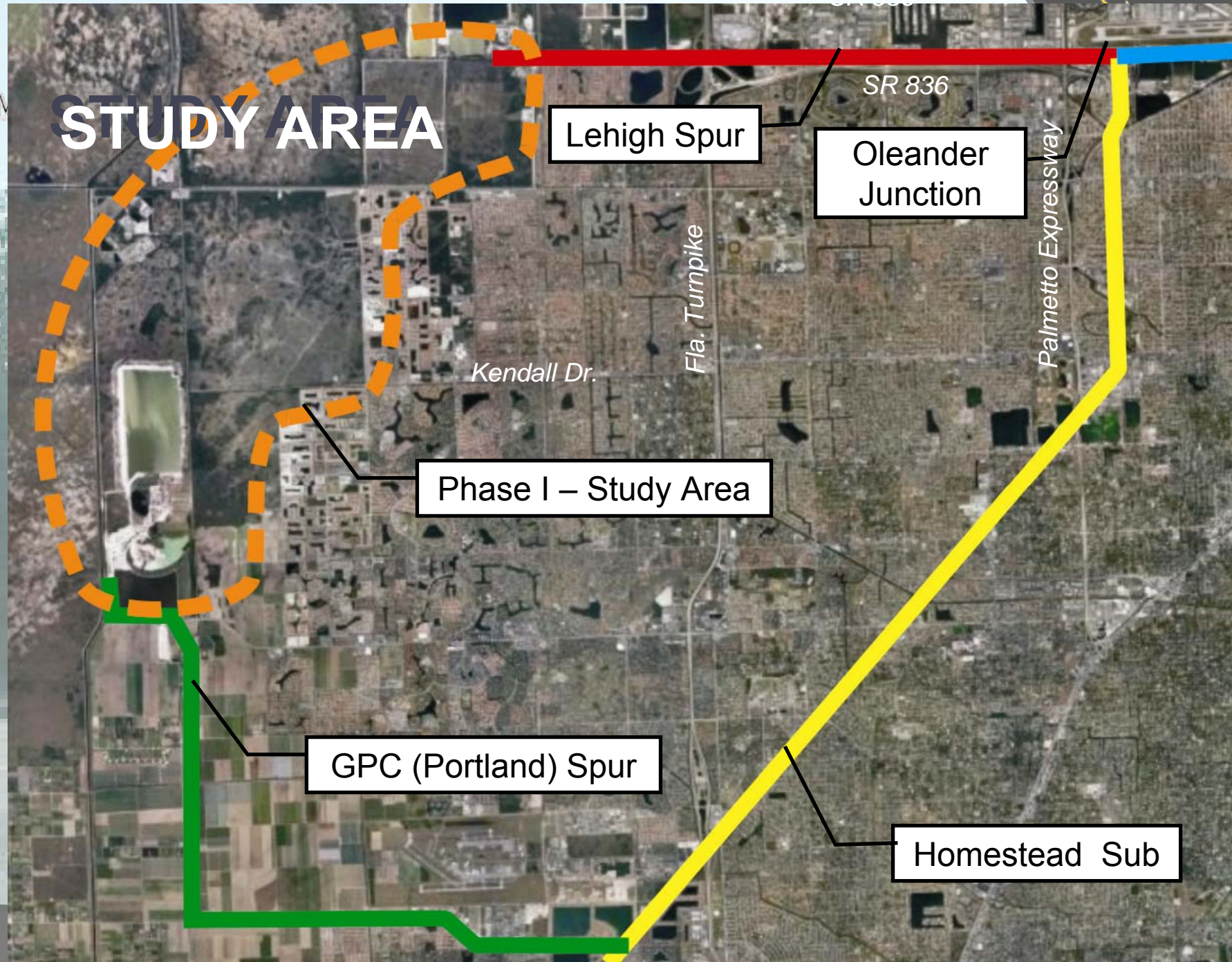
Homestead Sub

SR 836

Fla. Turnpike

Kendall Dr.

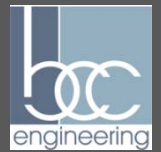
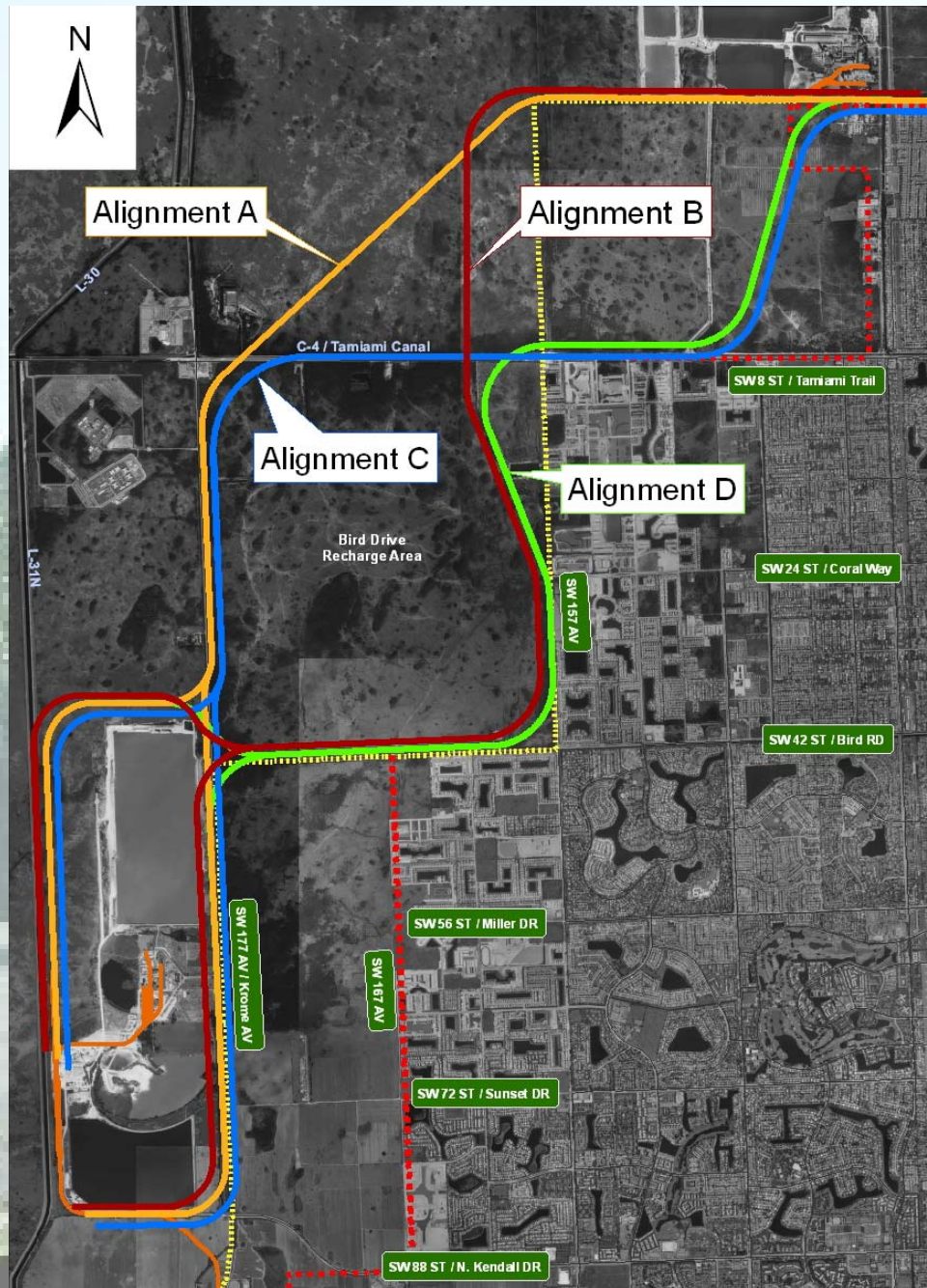
Palmetto Expressway



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



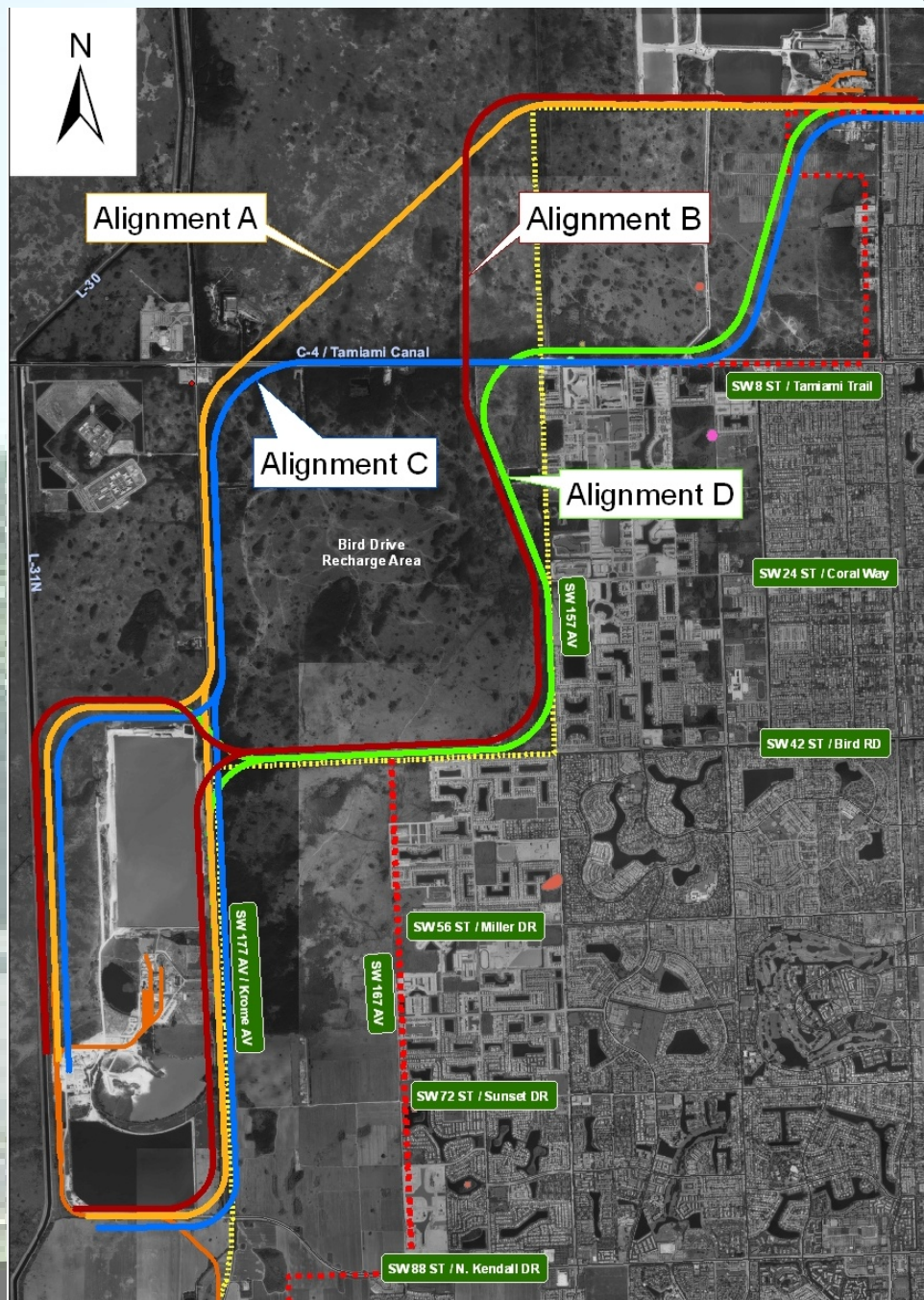
Archaeological Impacts

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)

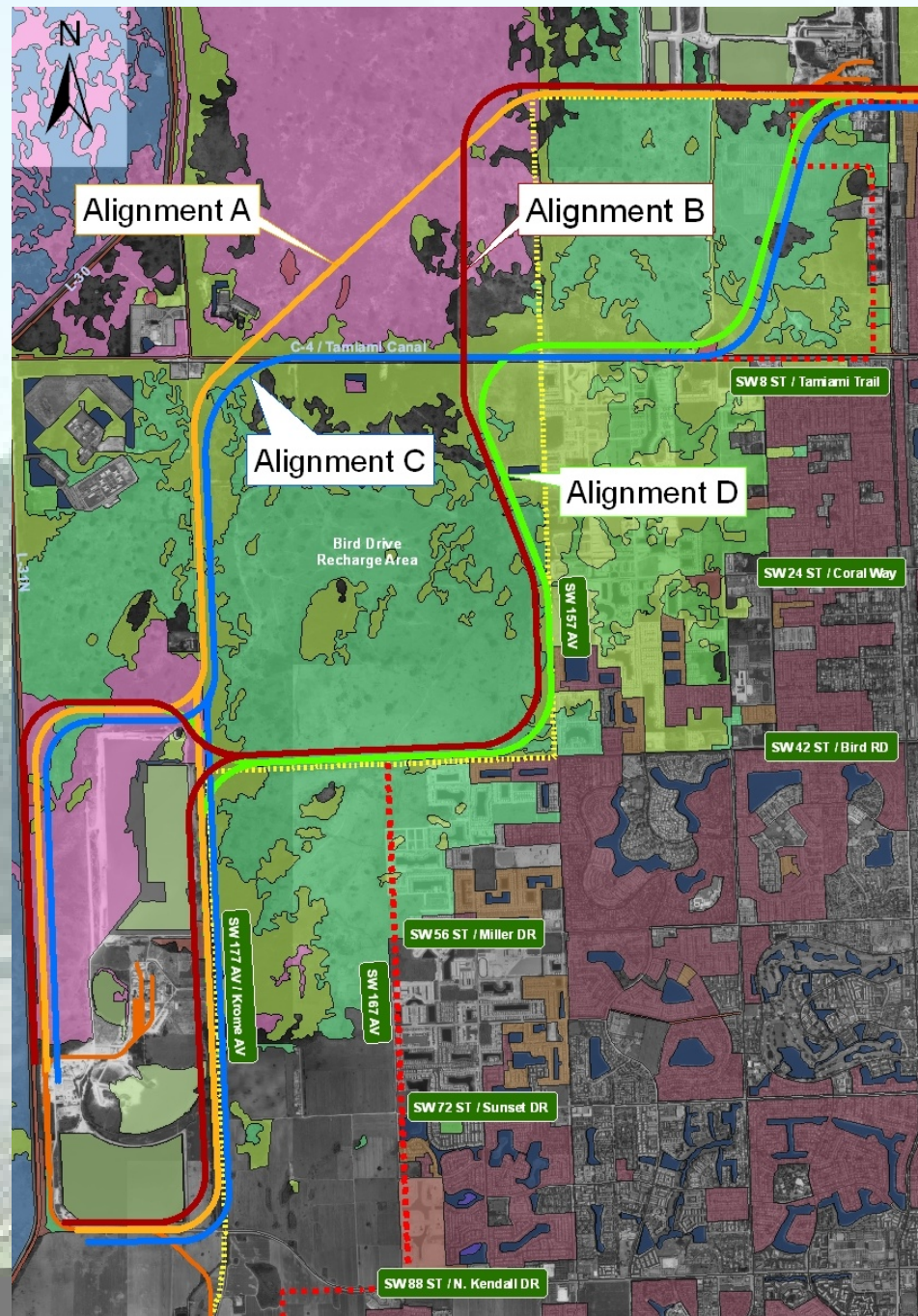


Wetland Impacts



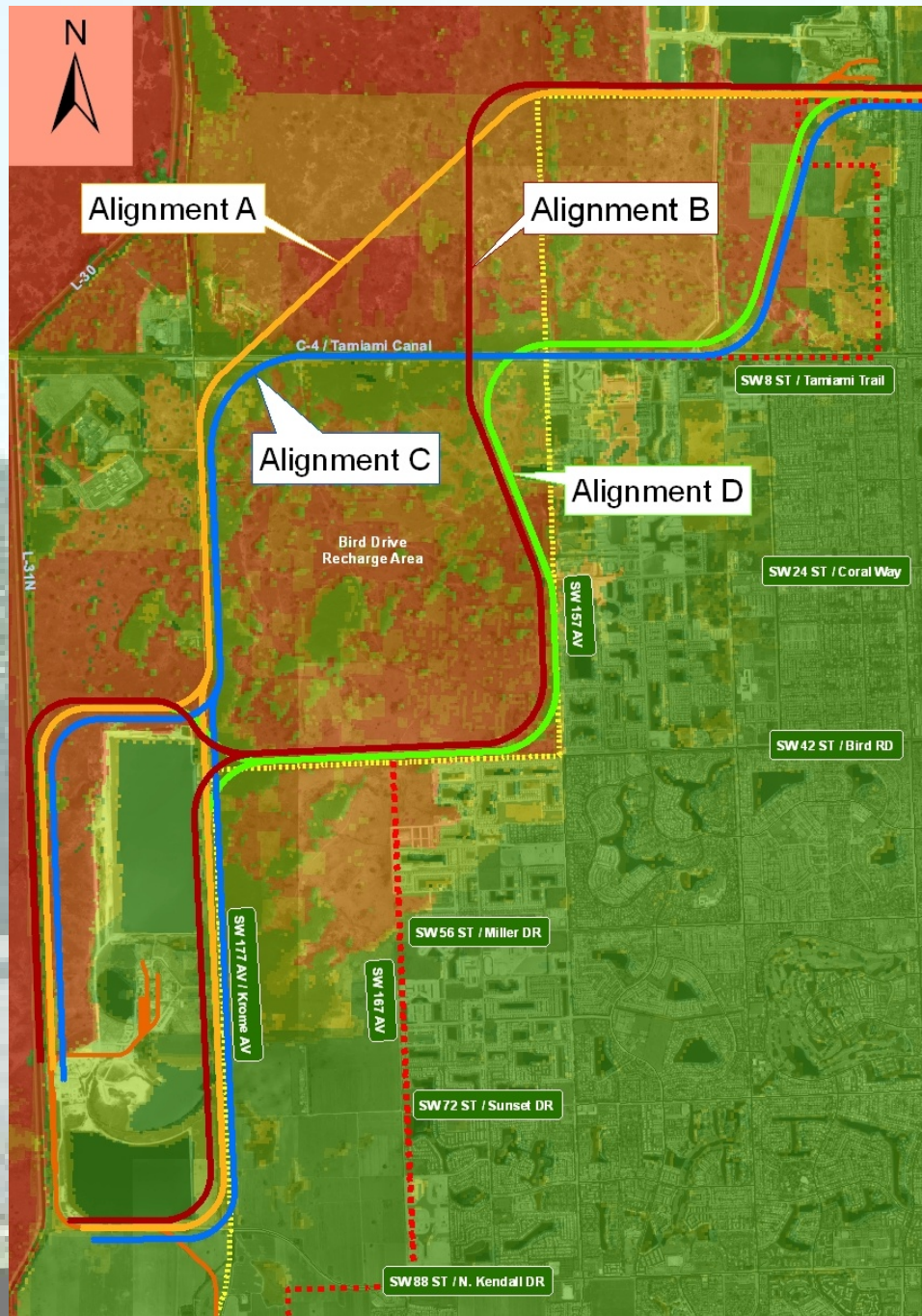
Legend

- 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



Wildlife / Habitat Impacts

Legend



Floodplain Elevations

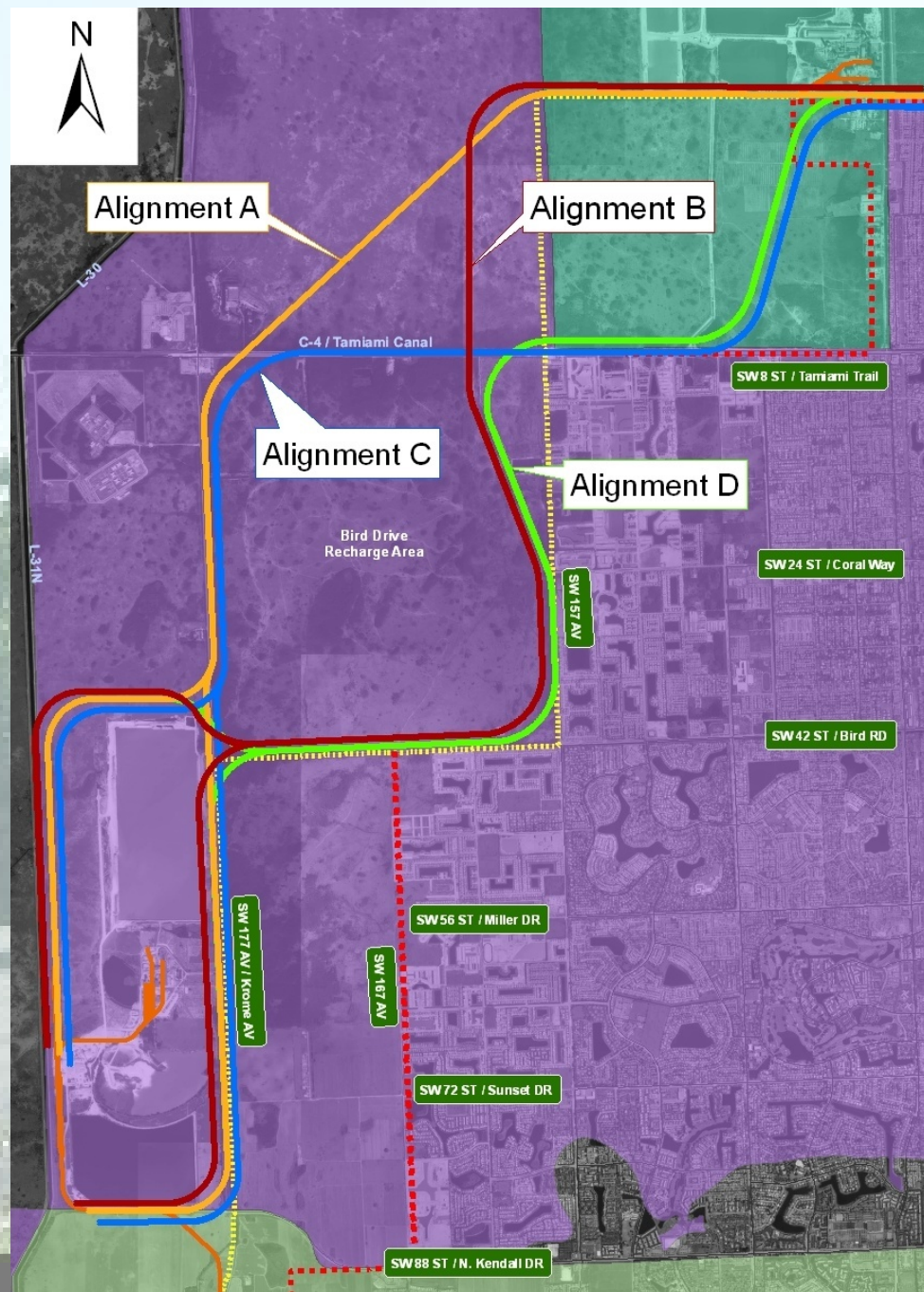
Legend

- UDB 2025
- UDB 2015
- CSX Railroad

Flood Zone

ELEV

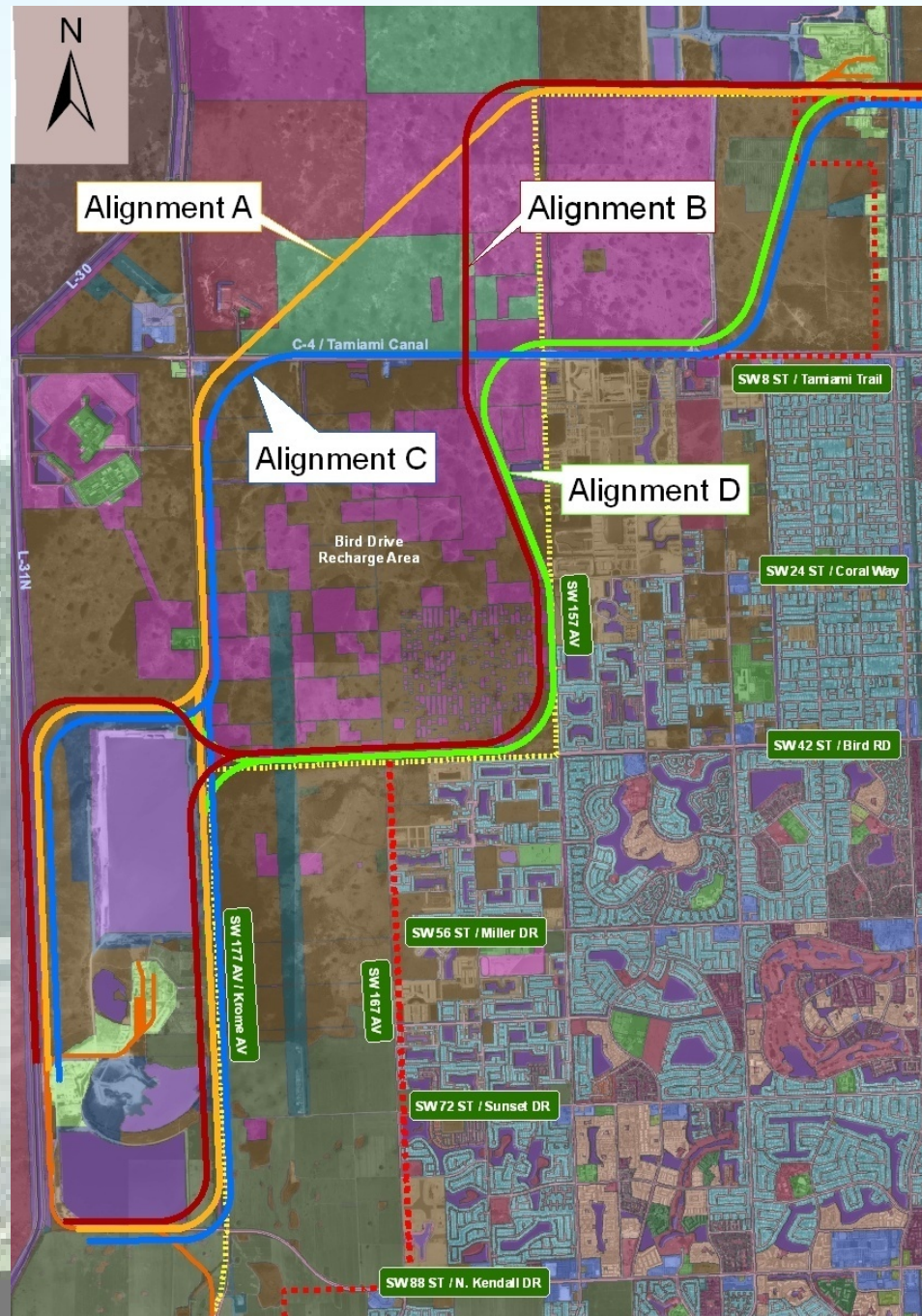
- 6
- 7
- 8
- 9
- 10



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



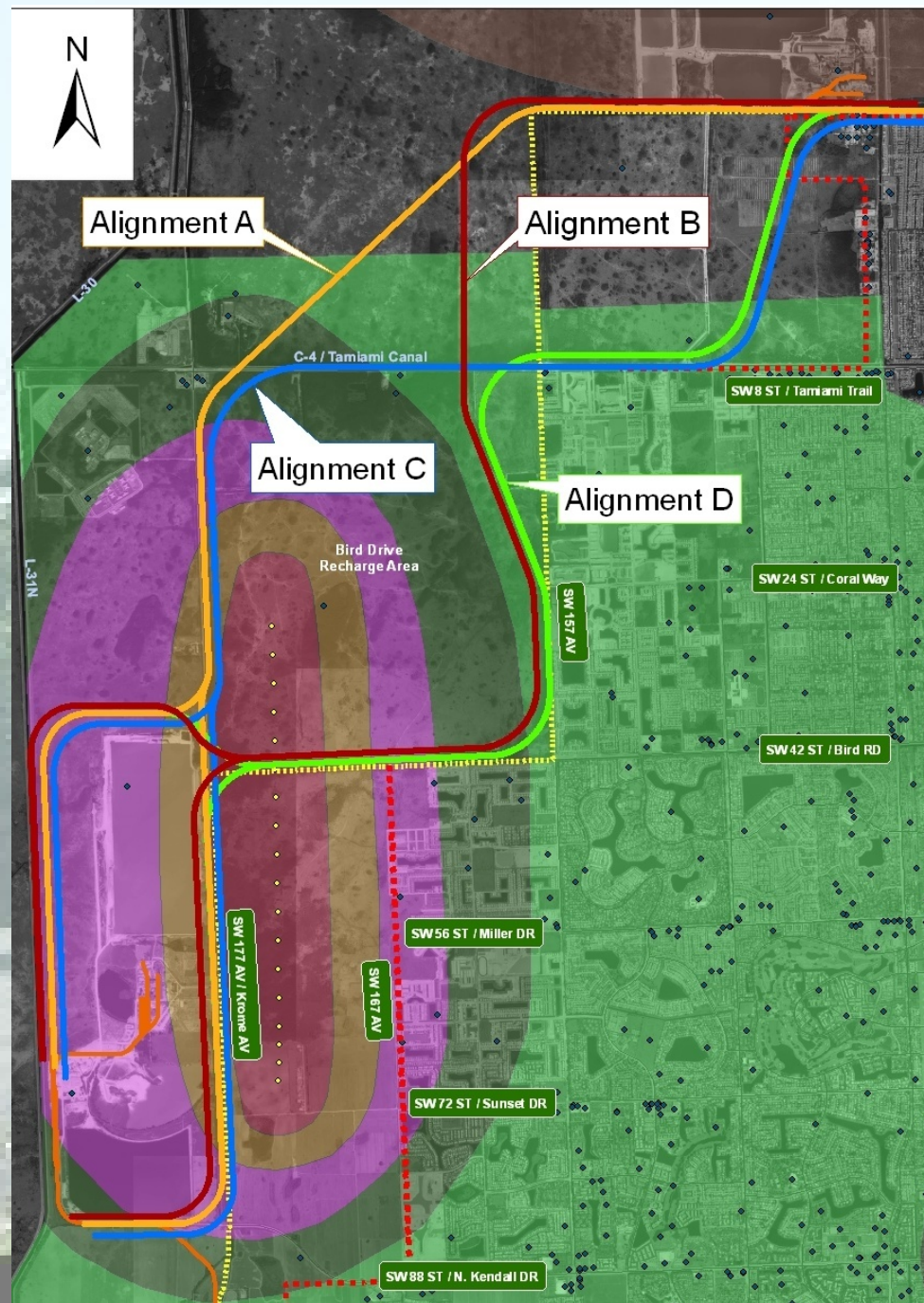
Water Wellfield Impacts

Legend

- UDB 2025
- UDB 2015
- CSX Railroad

TRAVELTIME

- 010
- 030
- 100
- 210
- AVG
- INT
- MAX
- OUTER
- PERMITS
- Well Field Locations



Evaluation Matrix



Criteria		Alignment Alternatives Potential Impacts			
		A (Orange)	B (Red)	C (Blue)	D (Green)
Environmental	Historic and Archaeological Sites	Minimal	Minimal	Moderate	Moderate
	Wetlands	Moderate	Minimal	Minimal	Minimal
	Residential Impacts	None	High	Minimal	High
	Wildlife and Habitat	Moderate	Moderate	Minimal	Minimal
	Flood Plain	Moderate	Moderate	Moderate	Moderate
	Wells	Minimal	High	Minimal	High



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!

