

Landscape Master Plan

Section 5

826 – 836 Interchange

February 25, 2015



Lead Designer: BCC Engineering



Access. Mobility. Progress.
Contractor: Community Condotte De Moya Joint Venture

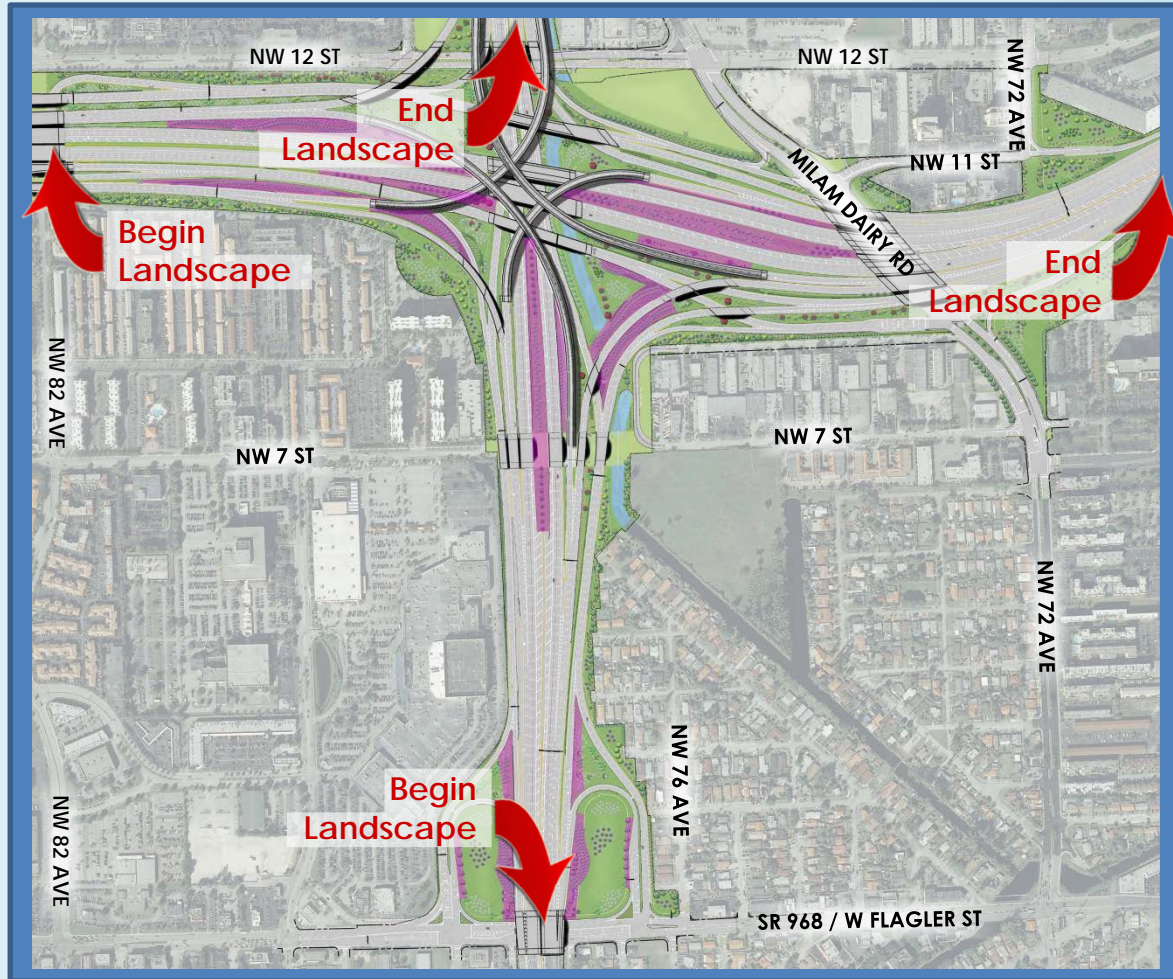


Landscape Architect: Miller Legg

Landscape Master Plan

Section 5 826–836 Interchange

Overall Landscape Master Plan



 High visibility areas



826
836

CONNECTING COMMUNITIES

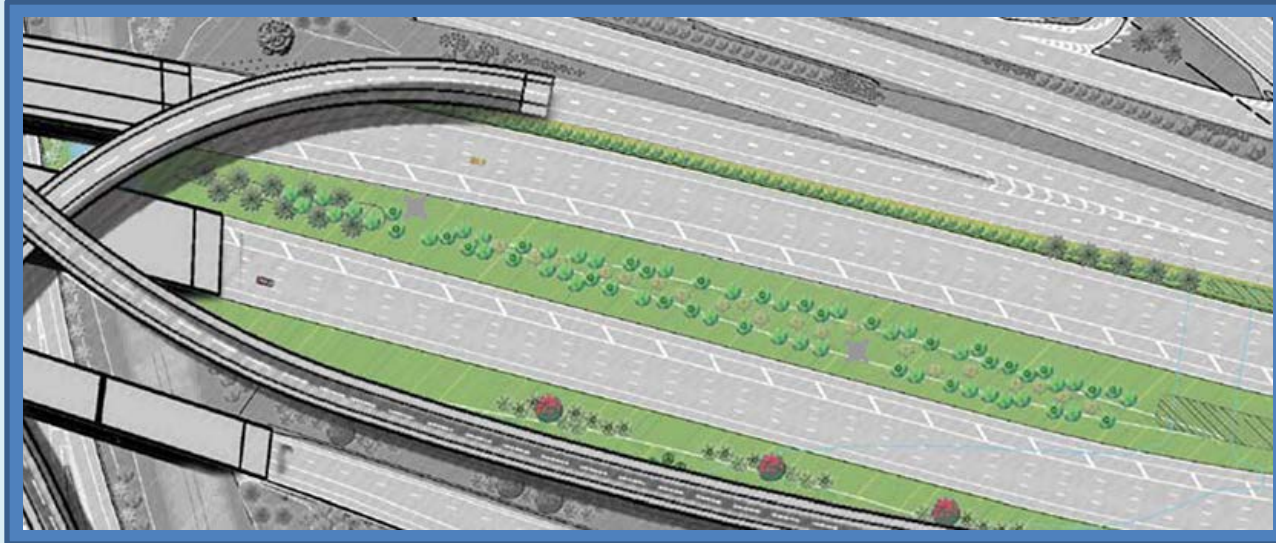
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Section 5 826–836 Interchange

Typical Flat Mainline Planting – 826 & 836 Corridors



Typical Plant Material

- Medjool Date Palms
- Bismarck Palms
- Wild Date Palms
- Cabbage Palms
- Royal Poinciana
- Gumbo Limbo
- Thatch Palms
- Saw Palmetto
- Fakahatchee Grass
- Dwarf Firebush

 High visibility
accent areas



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CONNECTING COMMUNITIES

Access. Mobility. Progress.



Landscape Master Plan

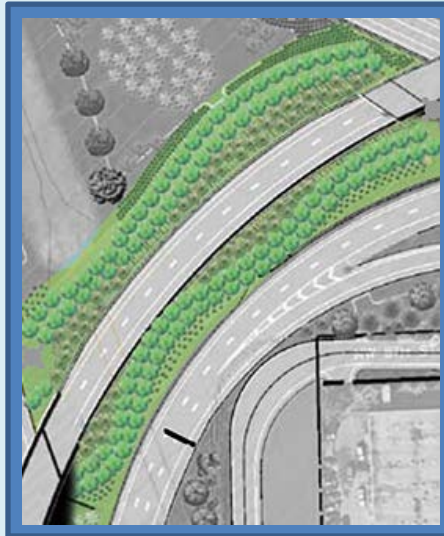
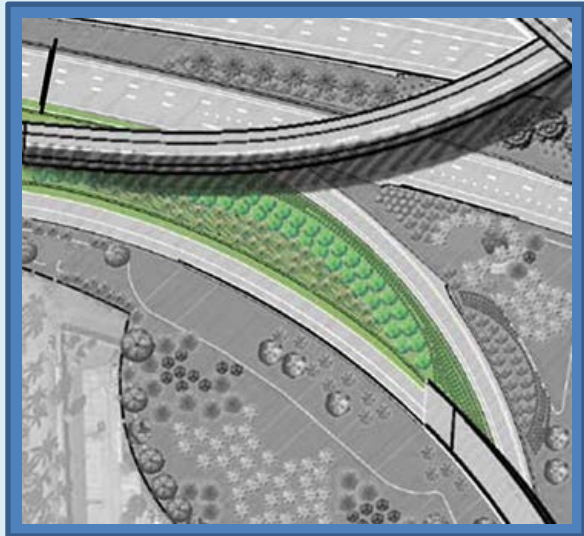
Section 5 826–836 Interchange

Typical Slope Planting - 836 Dolphin Expressway



Typical Plant Material

- Cabbage Palms
- Bismarck Palms
- Thatch Palms
- Saw Palmetto
- Fakahatchee Grass



 High visibility
accent areas



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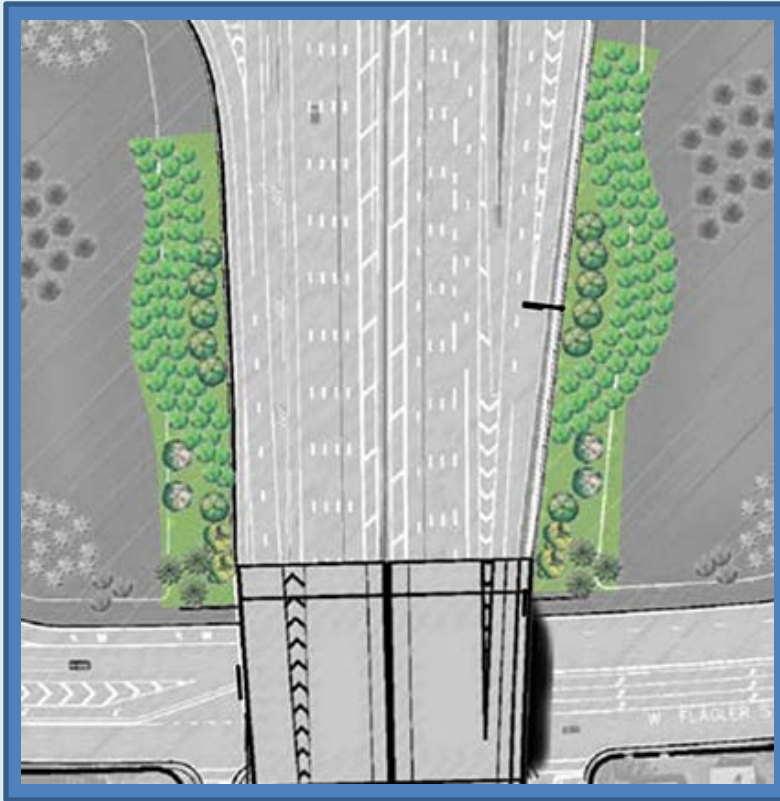
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Section 5 826–836 Interchange

Typical Slope Planting - 826 Palmetto Expressway



Typical Plant Material

- Live Oaks
- Bismarck Palms
- Medjool Date Palms
- Jacaranda
- Verawood

 High visibility
accent areas



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Overall Landscape Master Plan



Buffers



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Section 5 826–836 Interchange

Typical Ramp Entry / Exit Planting – 826 & 836 Corridors



Typical Plant Material

- Coconut Palms
- Royal Poinciana
- Royal Palms
- Solitaire Palms
- Live Oak
- Medjool Palms
- Bismarck Palms
- Mahogany



Buffers



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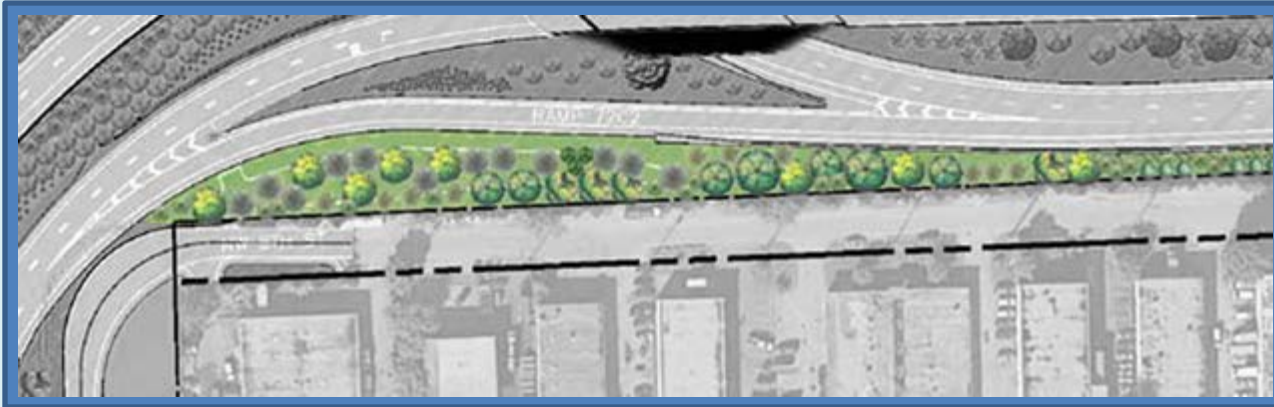
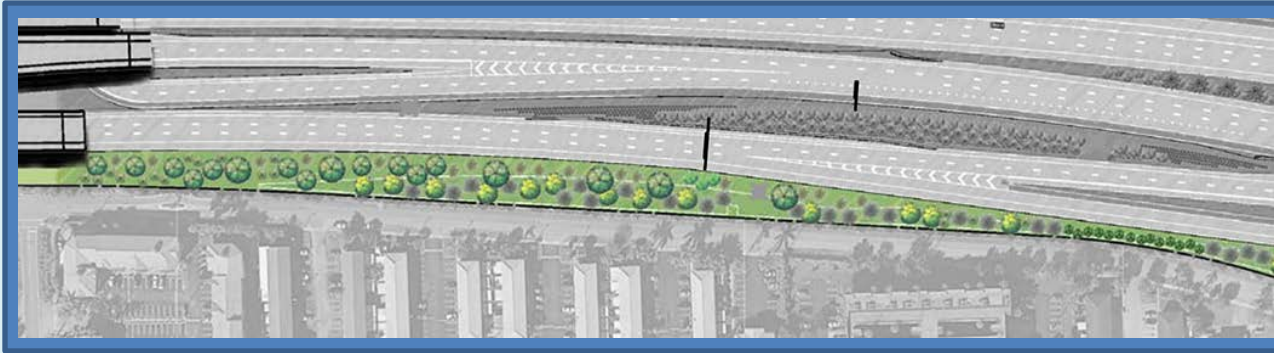
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Typical Buffer Planting – 826 & 836 Corridors



Typical Plant Material

- Live Oak
- Mahogany
- Slash Pine
- Verawood
- Bald Cypress
- Cabbage Palms
- Green Buttonwood



Buffers



Landscape Master Plan

Section 5 826–836 Interchange

Overall Landscape Master Plan



Stormwater areas



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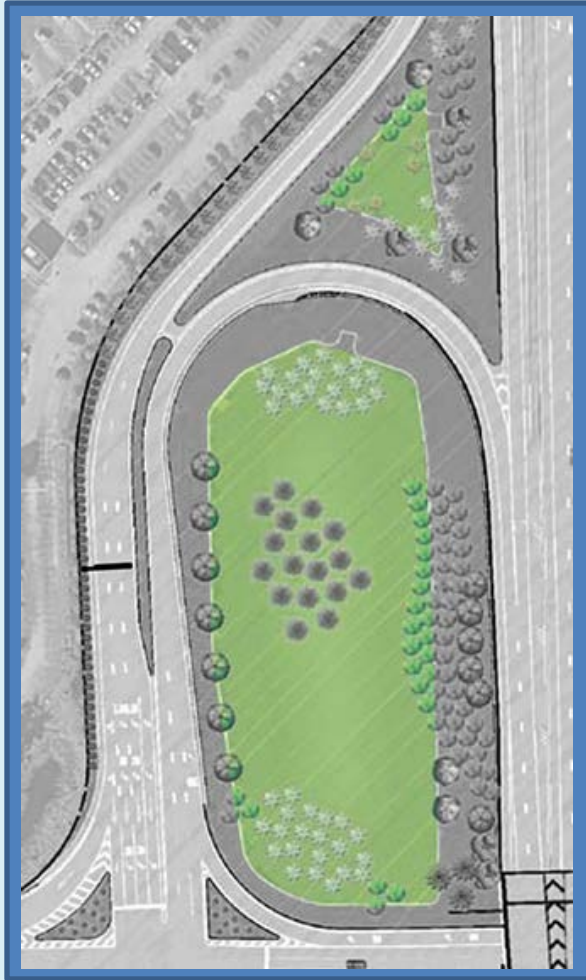
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Section 5 826–836 Interchange

Typical Detention Area Planting – 826 & 836 Corridors



Typical Plant Material

- Royal Palms
- Bald Cypress
- Wild Date Palms
- Paurotis Palms
- Red Maple



Stormwater
areas



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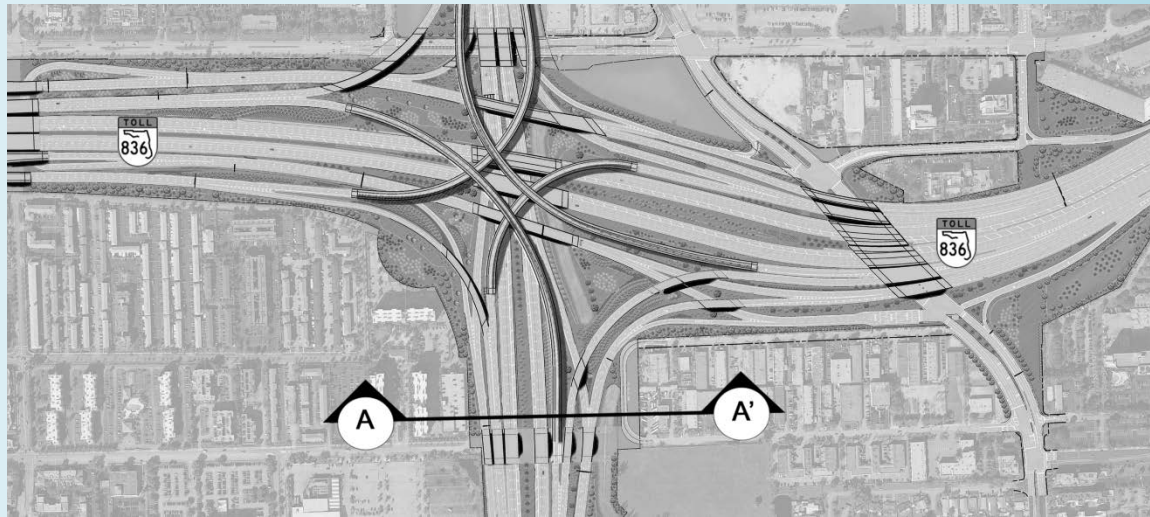
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Section 5 826–836 Interchange

Project Cross Sections



Section A-A' - 826 Palmetto Expressway Northbound



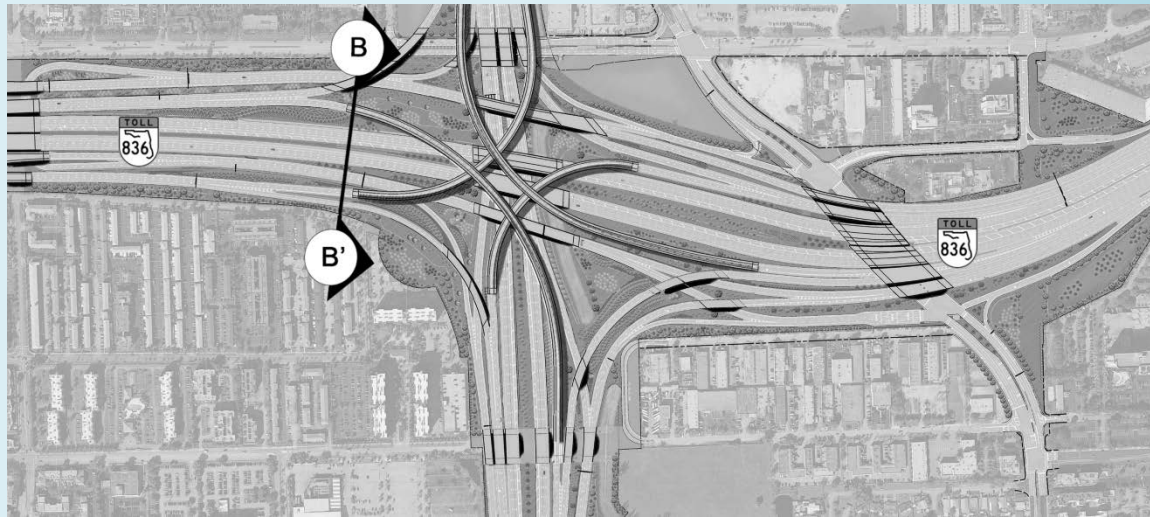
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Section 5 826–836 Interchange

Project Cross Sections



Section B-B' – 836 Dolphin Expressway Westbound



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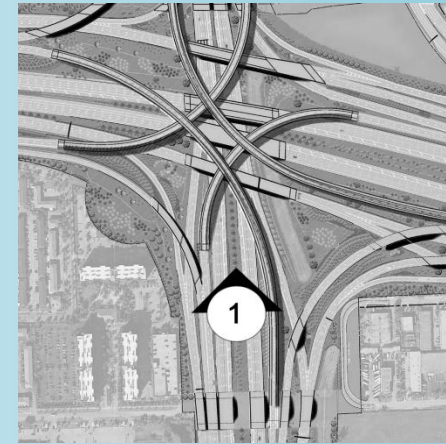
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Section 5 826–836 Interchange

View 1 - 826 Palmetto Expressway Northbound



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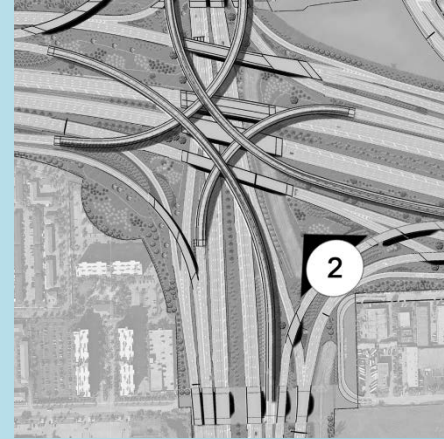
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Section 5 826–836 Interchange

View 2 - 826 to 836 Eastbound Connector



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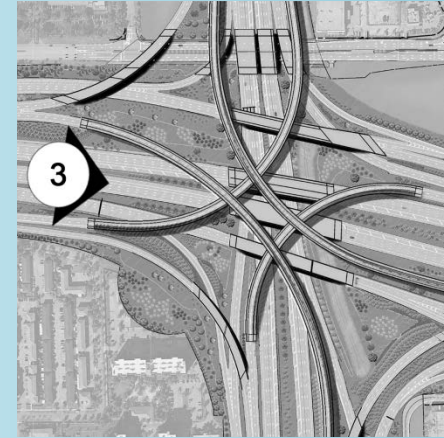
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View 3 - 836 Dolphin Expressway Eastbound



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View 4 - 836 Dolphin Expressway Westbound



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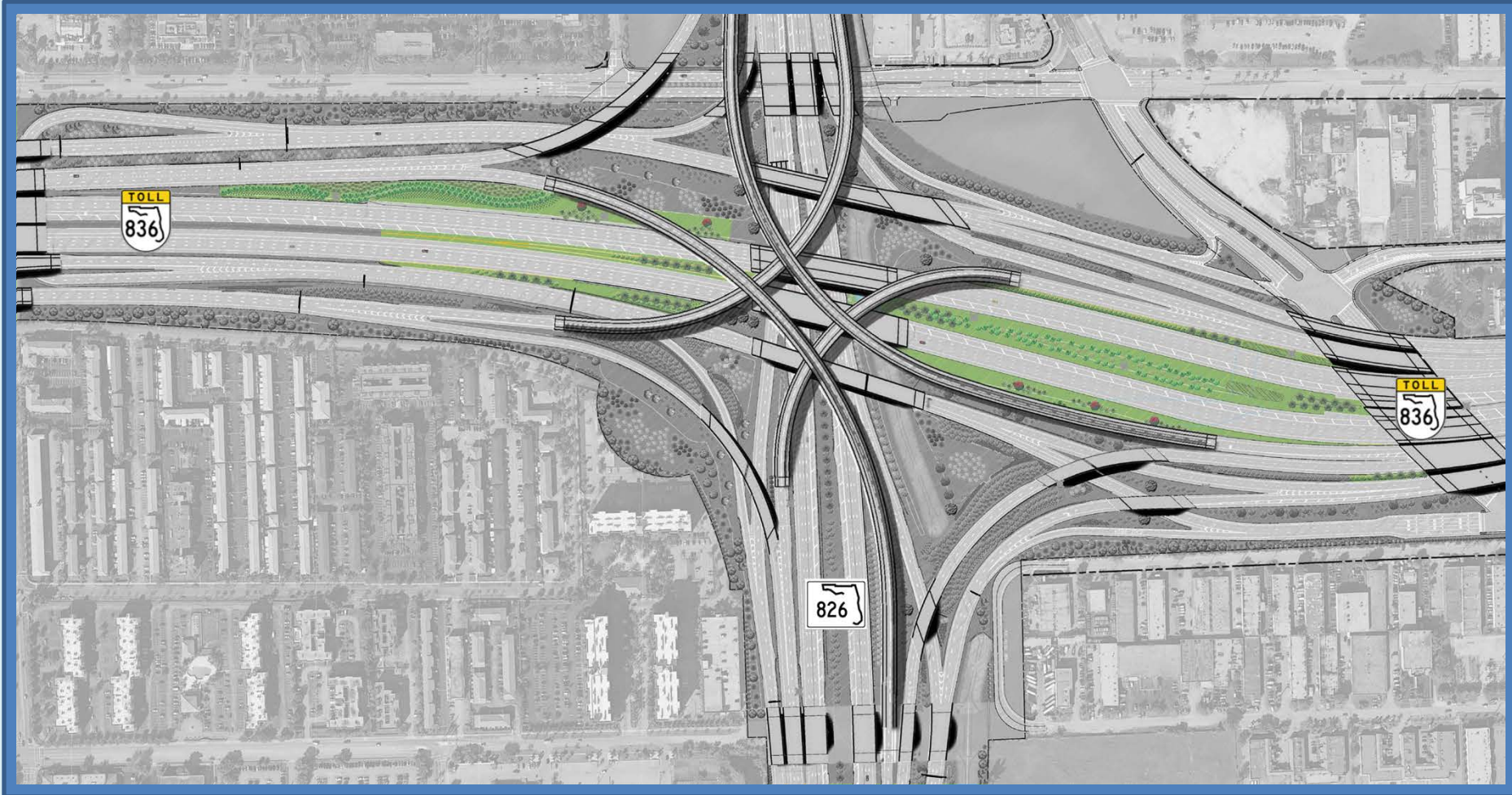
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Section 5 826–836 Interchange

Phase 1 - 836 Corridor (\$1.5m Joint Venture – Begins Summer 2015)



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Phase 1a - 836 Corridor (\$100 – 200k MDX 87th Ave Relocates – Begins Fall 2015)



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Phase 2 – 826 Corridor (\$1.5m FDOT – Begins Summer 2017)



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Section 5 826-836 Interchange

Phase 3 - 836 Corridor (\$3m-\$4m MDX Un-funded)



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Ultimate Design



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










Landscape Master Plan

Section 5 826–836 Interchange

Project Plant Palette / Key

Plant Key

	Swietenia mahagoni	Mahogany		Cocos nucifera 'Maypan'	Coconut Palm
	Ceiba speciosa	Floss Silk Tree		Phoenix sylvestris	Wild Date Palm
	Delonix regia	Royal Poinciana		Livistona australis	Australian Cabbage Palm
	Acer rubrum 'Florida Flame'	Red Maple		Latania lontariodes	Red Latan Palm
	Quercus virginiana	Live Oak		Sabal palmetto	Cabbage Palm
	Bulnesia arborea	Verawood		Veitchia montgomeryana	Montgomery Palm
	Jacaranda mimosifolia	Jacaranda		Acoelorrhaphe wrightii	Paurotis Palm
	Taxodium distichum	Bald Cypress		Ptychosperma elegans	Solitaire Palm
	Pinus elliotii	Florida Slash Pine		Hyophorbe lagenicaulis	Bottle Palm
	Bursera simaruba	Gumbo Limbo		Chamaerops humilis	European Fan Palm
	Conocarpus erectus	Green Buttonwood		Thrinax radiata	Thatch Palm
	Phoenix dactylifera	Medjool Date Palm		Serenia repens 'cimerea'	Silver Saw Palmetto
	Roystonea elata	Royal Palm		Tripsacum sanctum	Fakahatchee Grass
	Bismarckia nobilis 'Silver'	Bismarck Palm		Hamelia patens 'Compacta'	Dwarf Firebush

Landscape Master Plan

Section 5 826–836 Interchange

Bridge Pier DMX/LED Lighting (16 million color opportunities)



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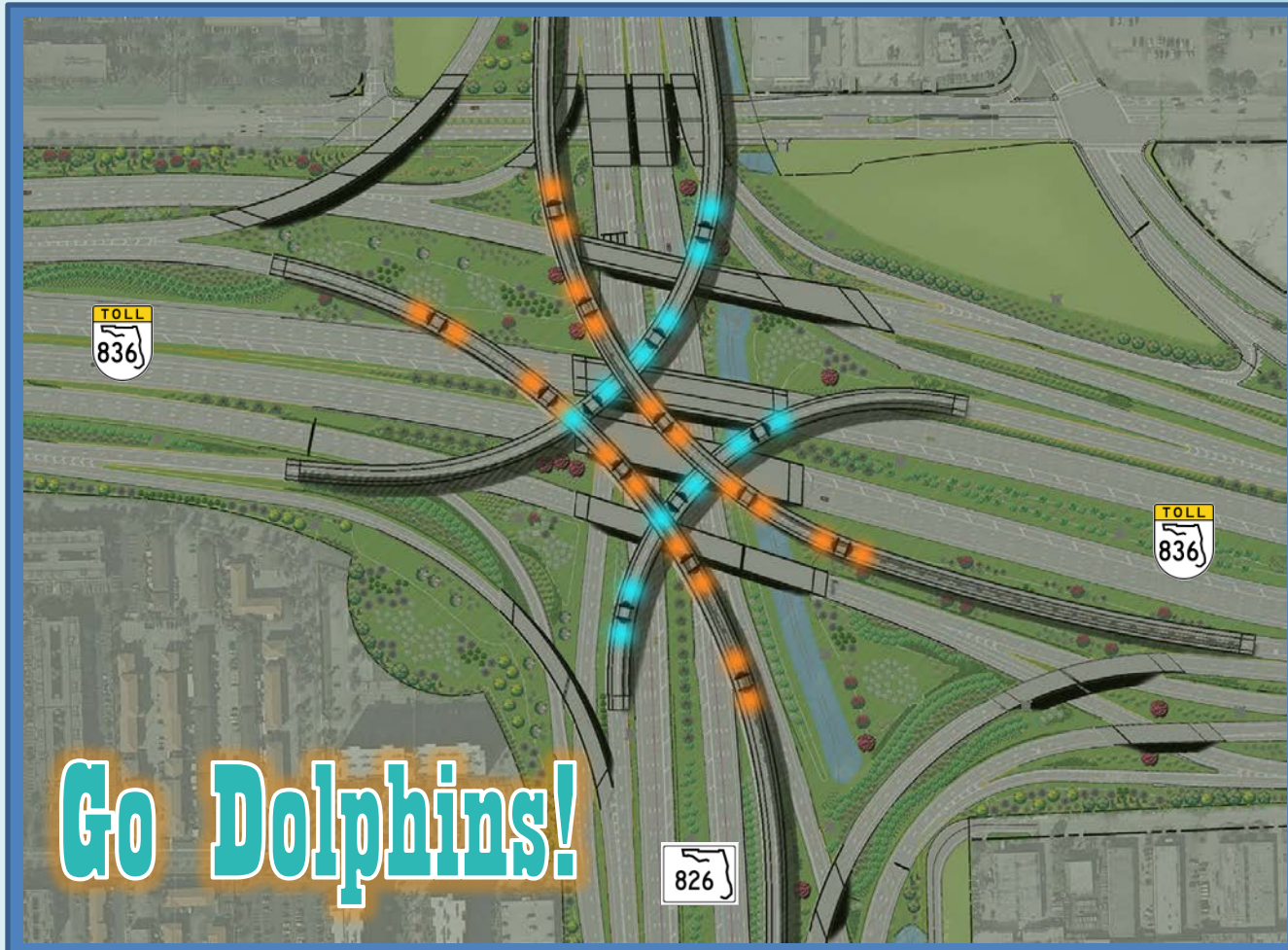
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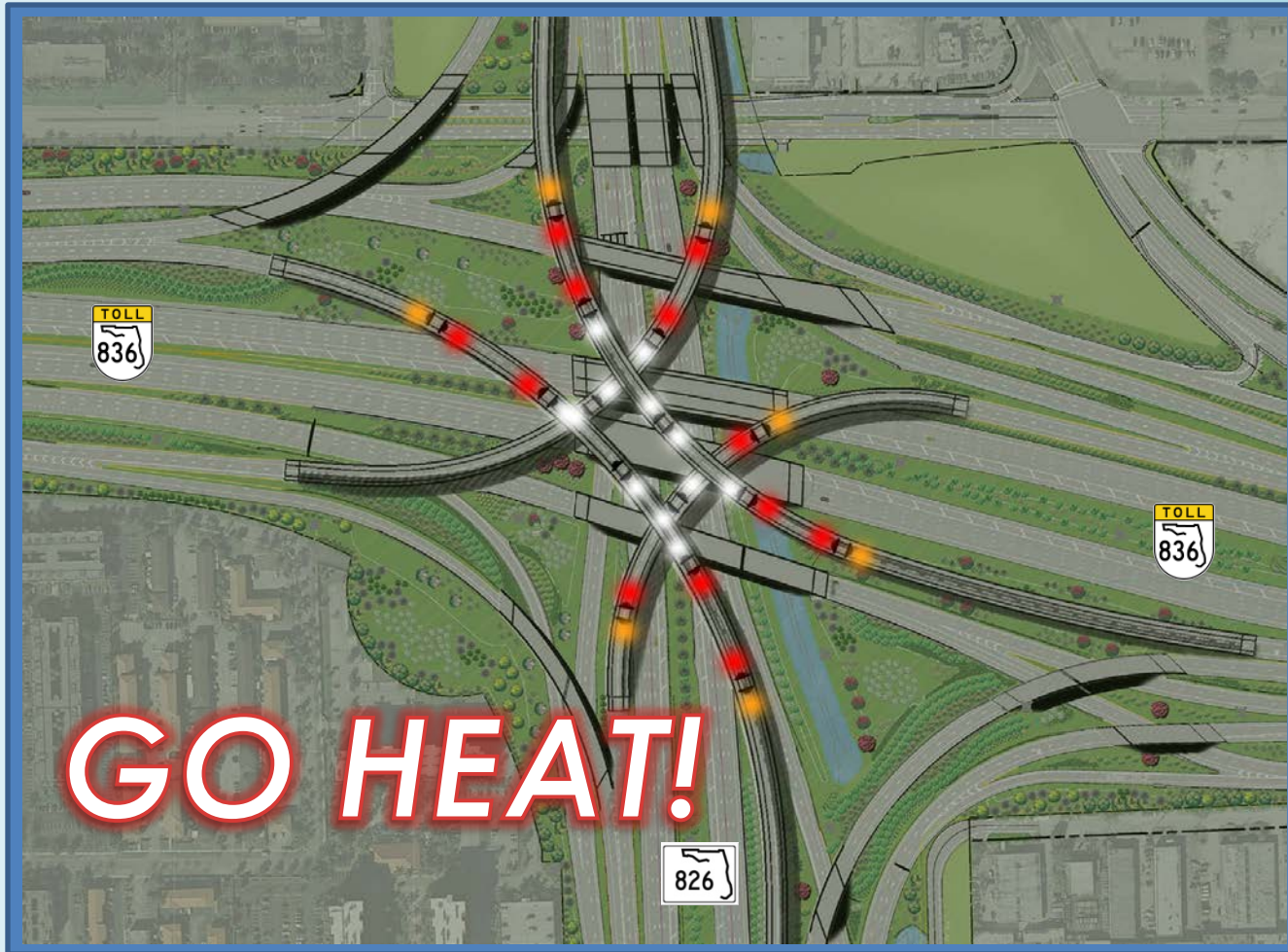
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Section 5 826–836 Interchange

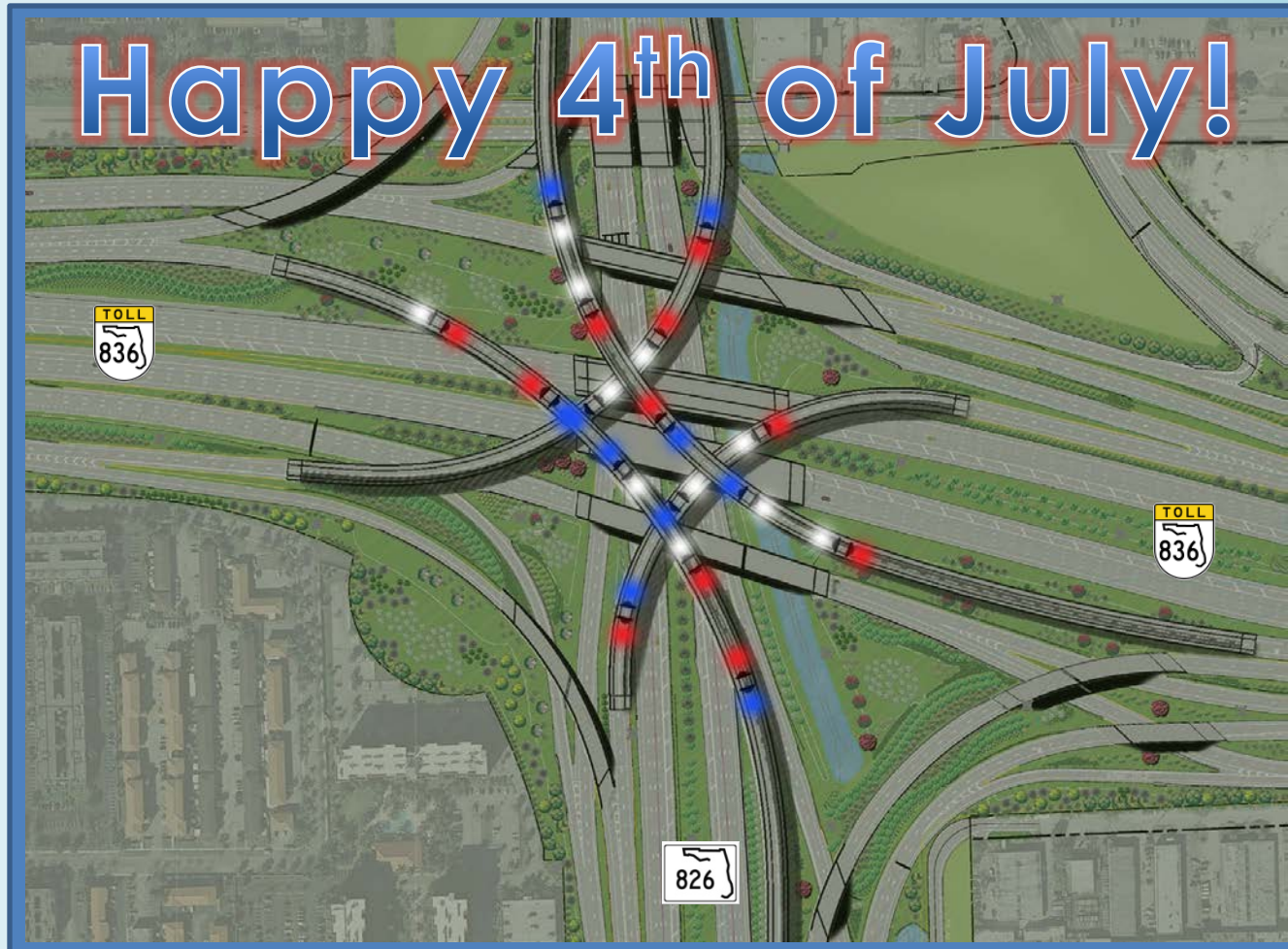
Bridge Pier DMX/LED Lighting (16 million color opportunities)



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Section 5 826–836 Interchange

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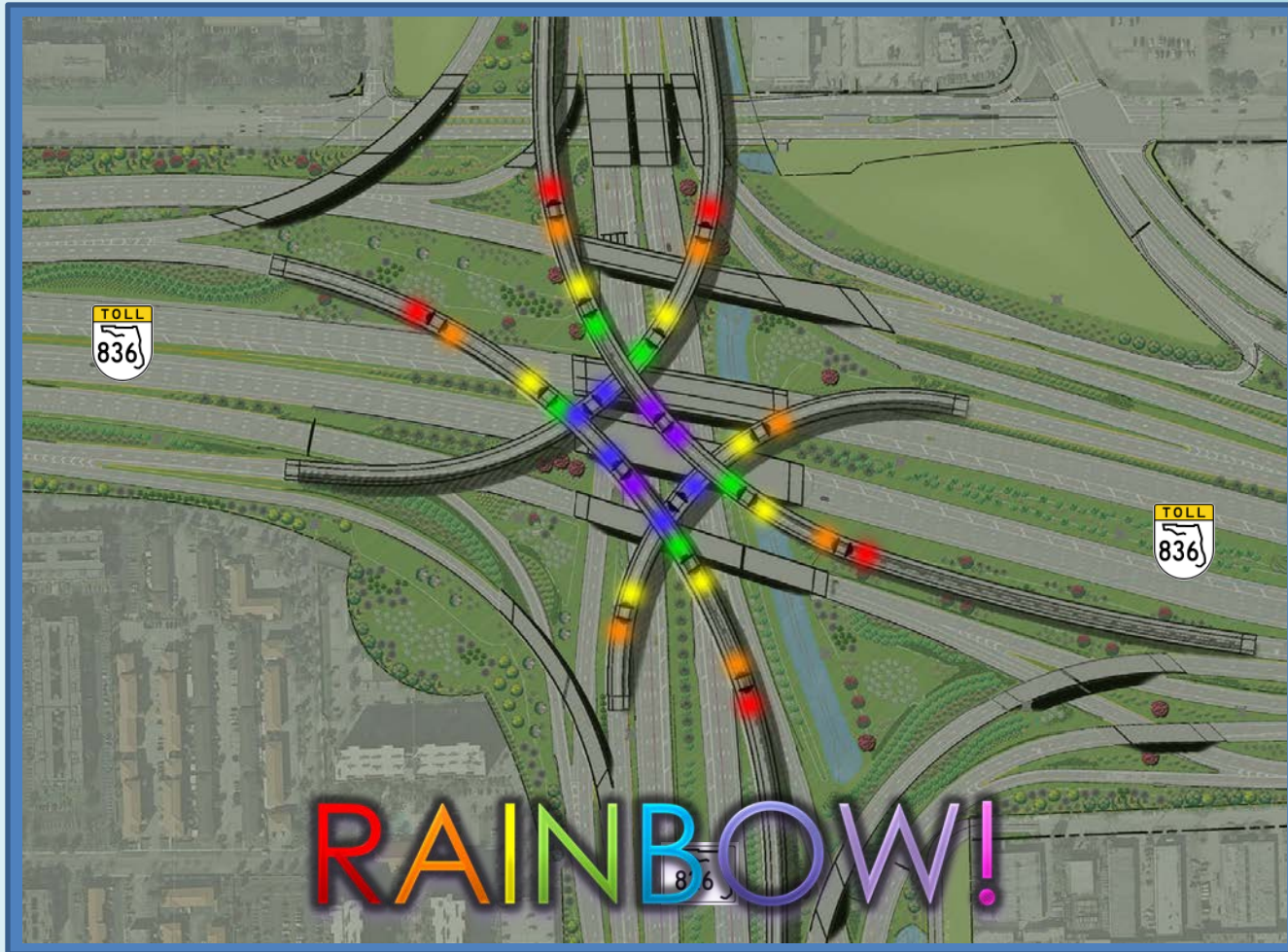
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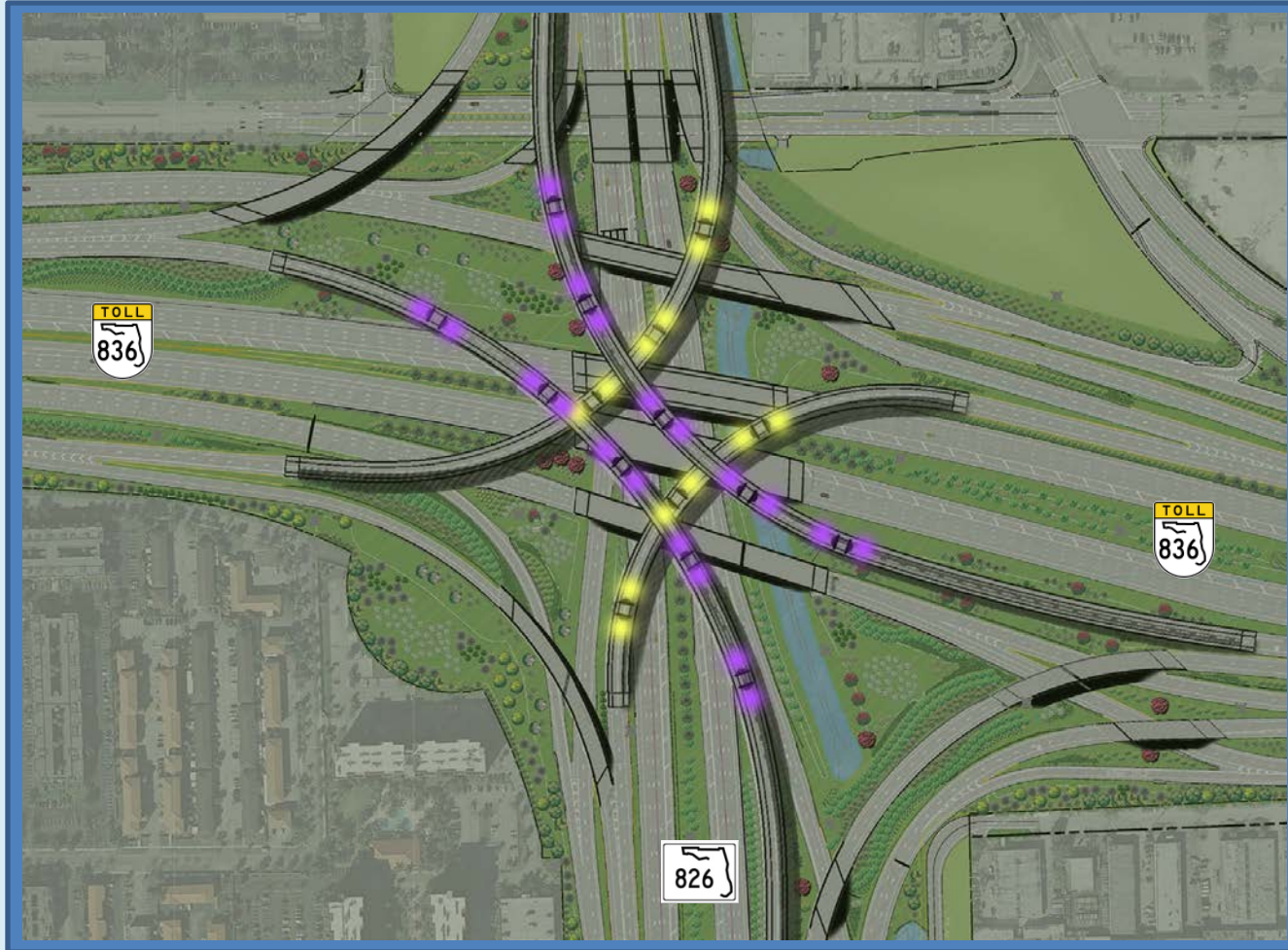
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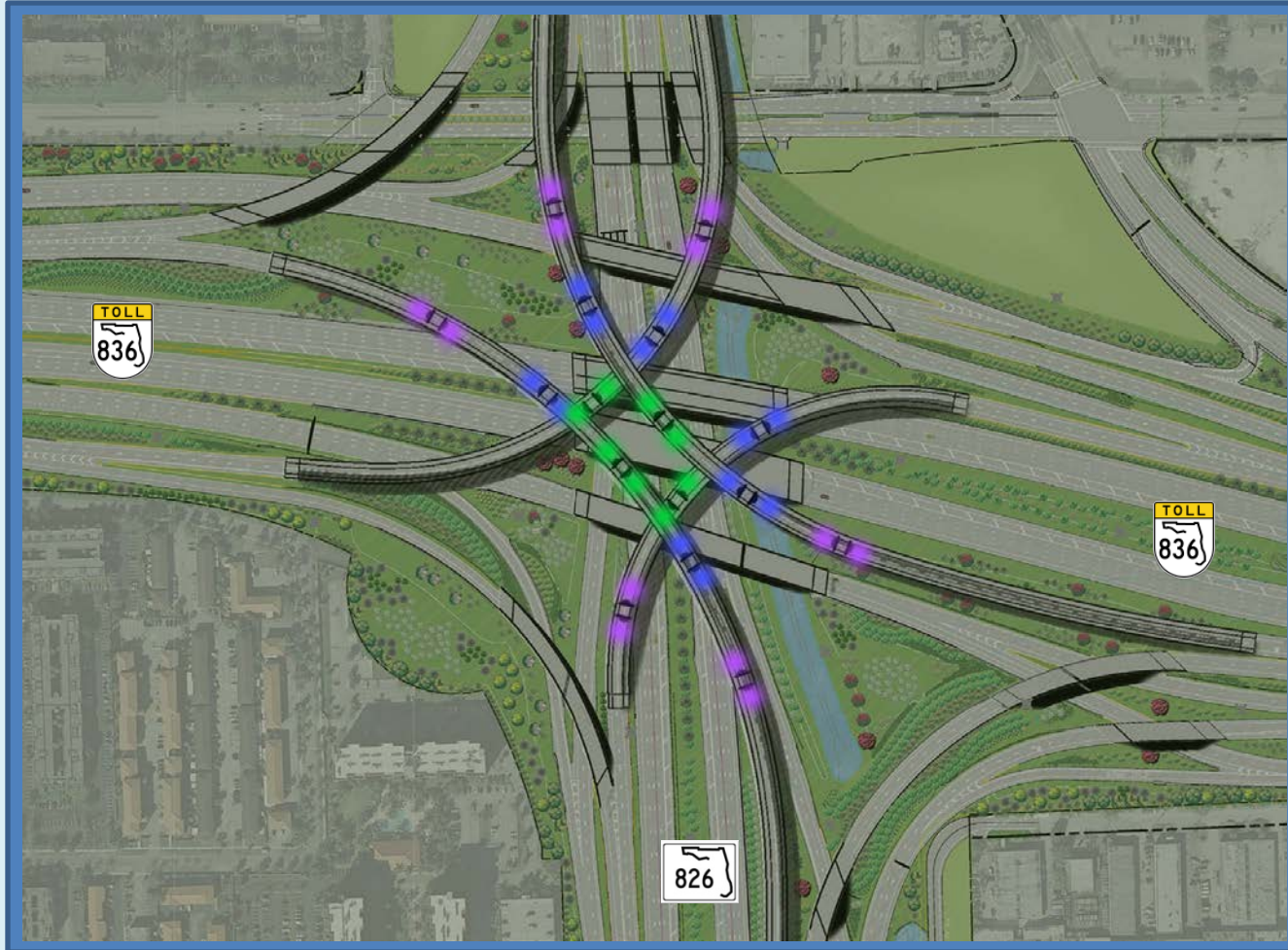
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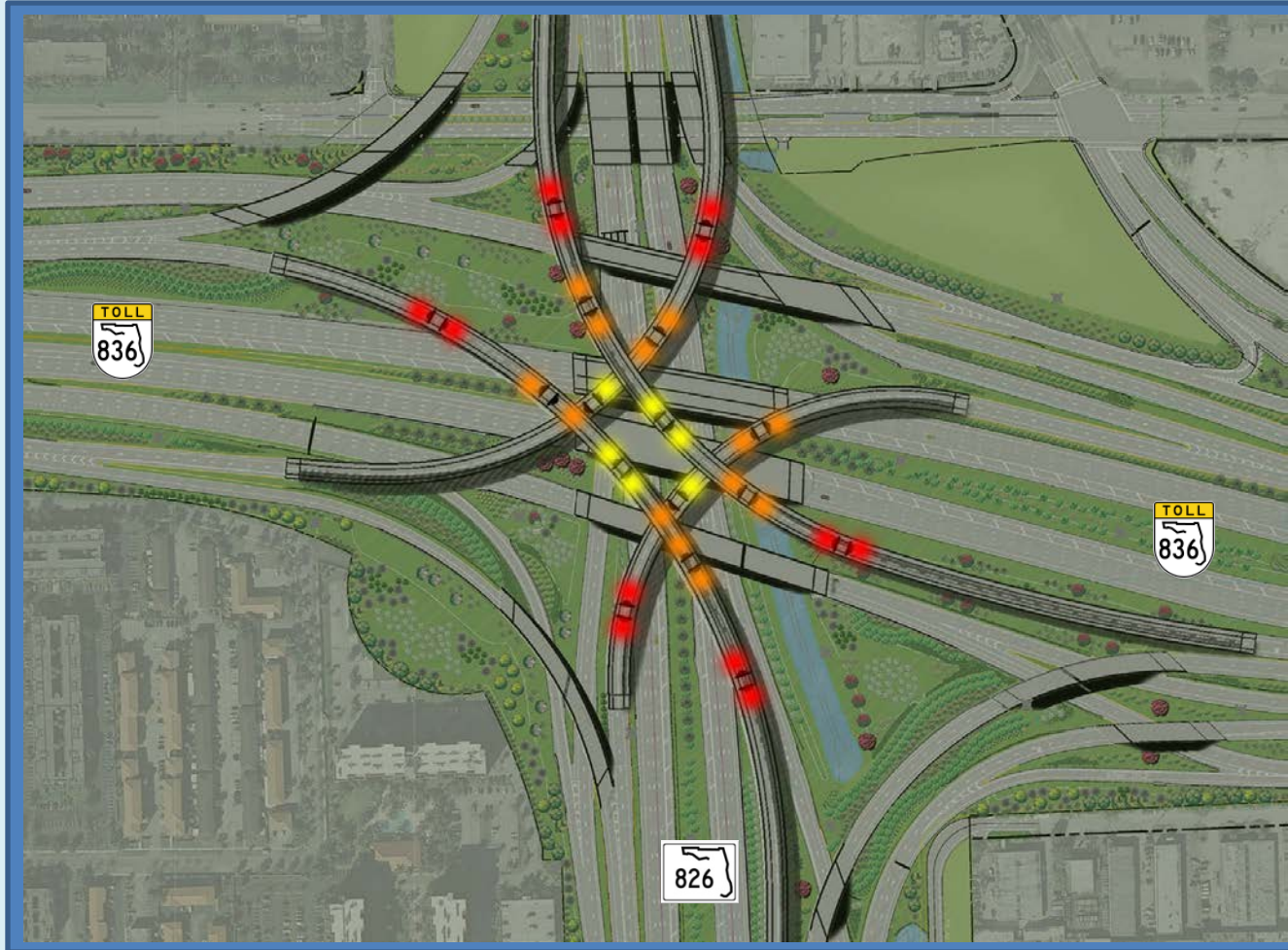
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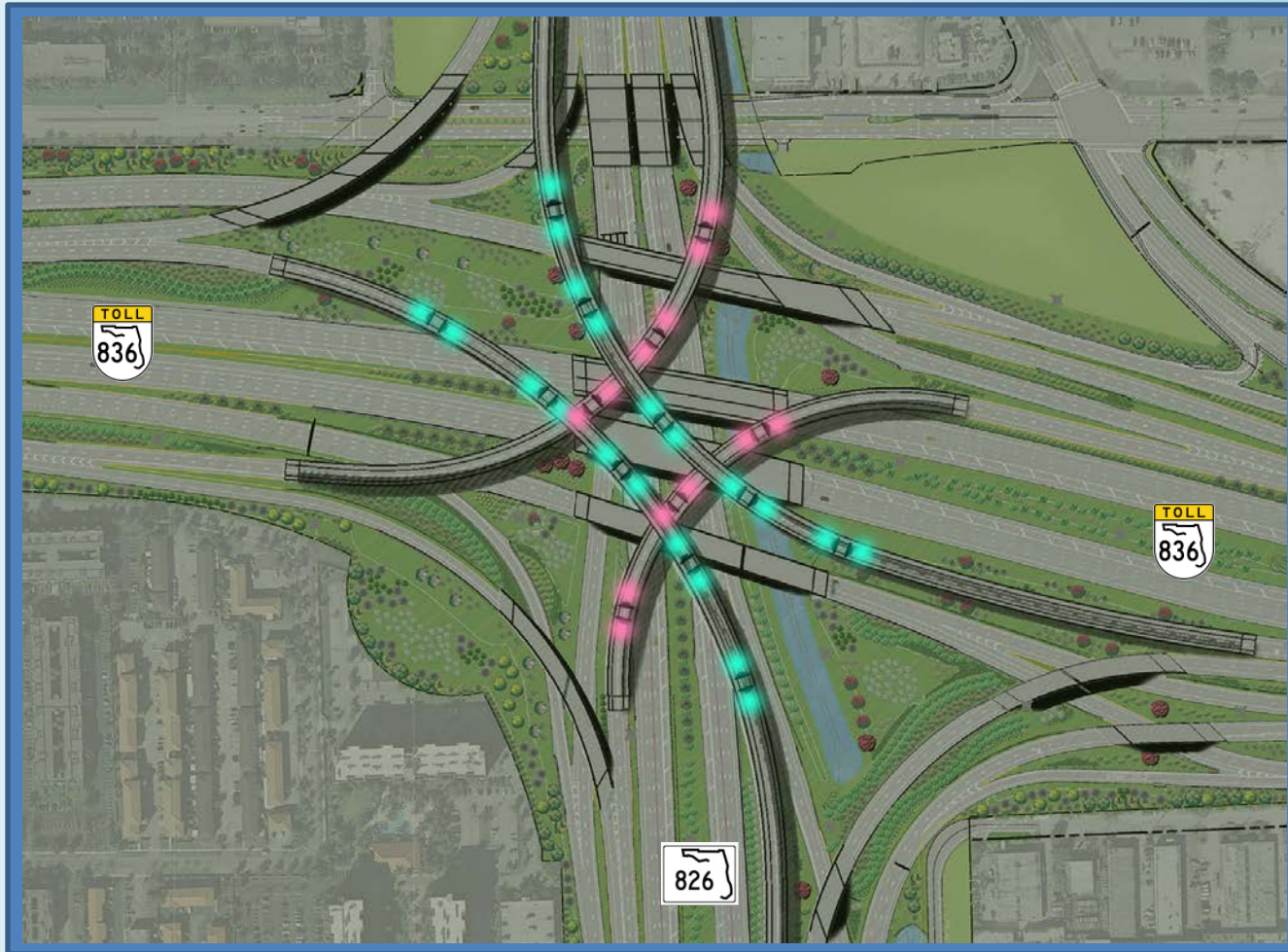
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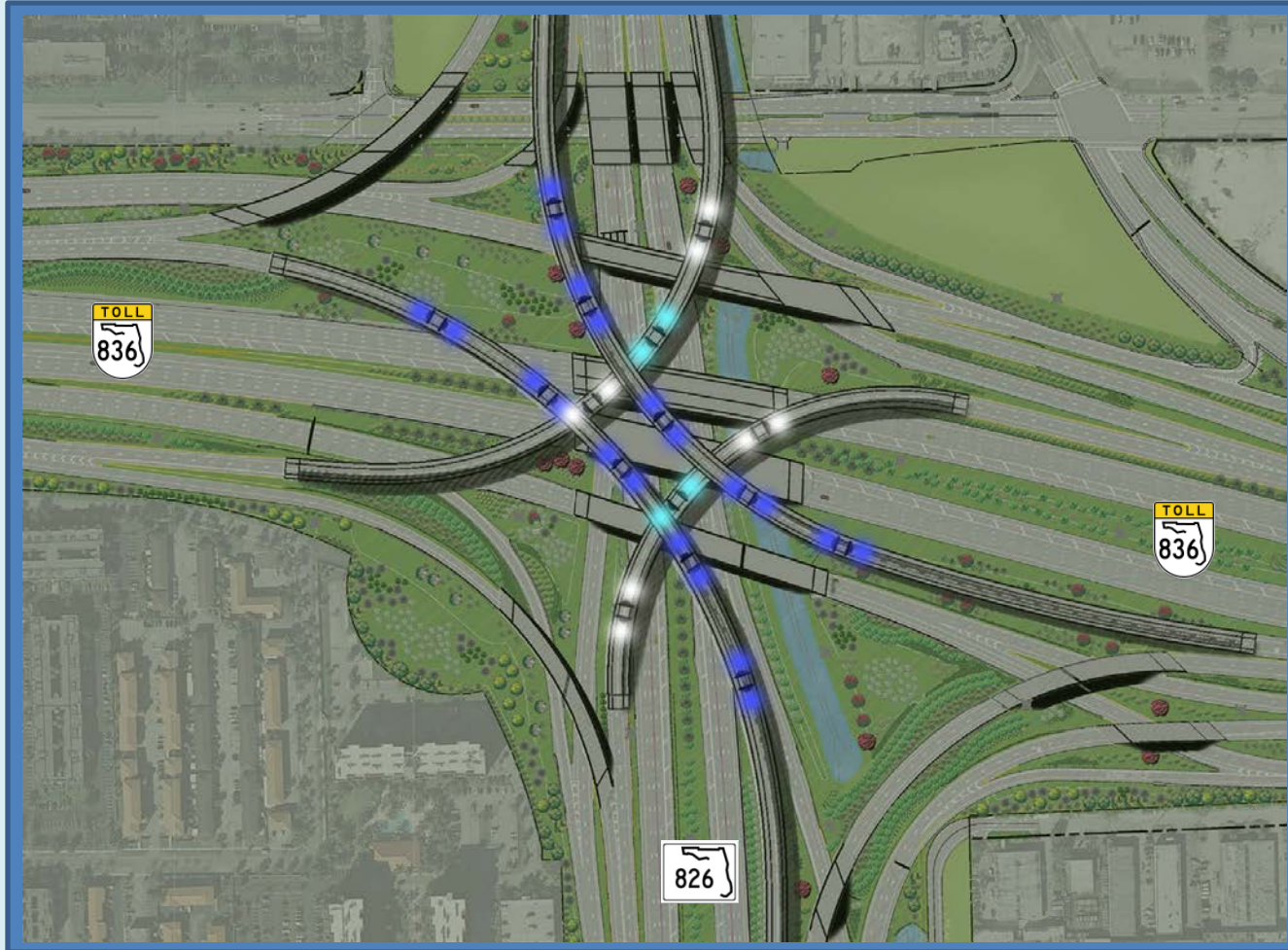
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Project Contacts:

Public involvement Specialist

Oscar Gonzalez III

7230 NW 8th Street

Miami, Florida 33126

Ph: (786) 388-5450

ogonzalez@mrgmiami.com

Design Project Manager

Ali R. Toghiani, P.E.

Florida Department of Transportation-District VI

1000 N.W. 111 Avenue, Room 6247

Miami, Florida 33172

Ph: (305) 470-5343

Ali.Toghiani@dot.State.fl.us

