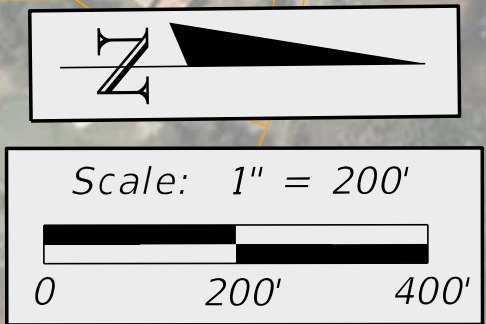


Appendix A

Build Alternatives Considered



Project Development and Environment (PD&E) Study
to Widen Western Beltway (SR 429)
FPID: 446164-1-22-01
Osceola and Orange Counties



US 192 TSM&O Option 1

192



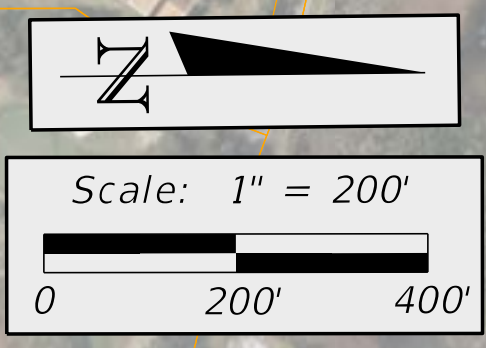
429

Bahama
Breeze

Publix

W Irlo Bronson Memorial Hwy

Project Development and Environment (PD&E) Study
to Widen Western Beltway (SR 429)
FPID: 446164-1-22-01
Osceola and Orange Counties



US 192 TSM&O Option 2

192

429

Bahama Breeze

Publix

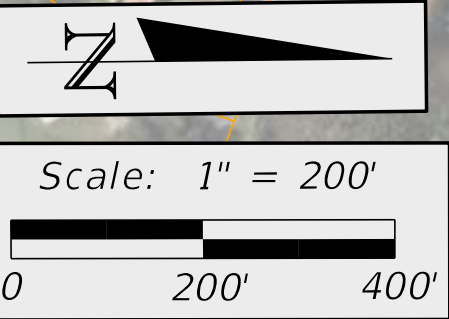
W Irlo Bronson Memorial Hwy

Preferred Alternative ramp improvements

Relocate Guide Sign Truss

Project Development and Environment (PD&E) Study
to Widen Western Beltway (SR 429)
FPID: 446164-1-22-01
Osceola and Orange Counties

US 192 TSM&O Option 3



192

429

Bahama
Breeze

Publix

W Irlo Bronson Memorial Hwy

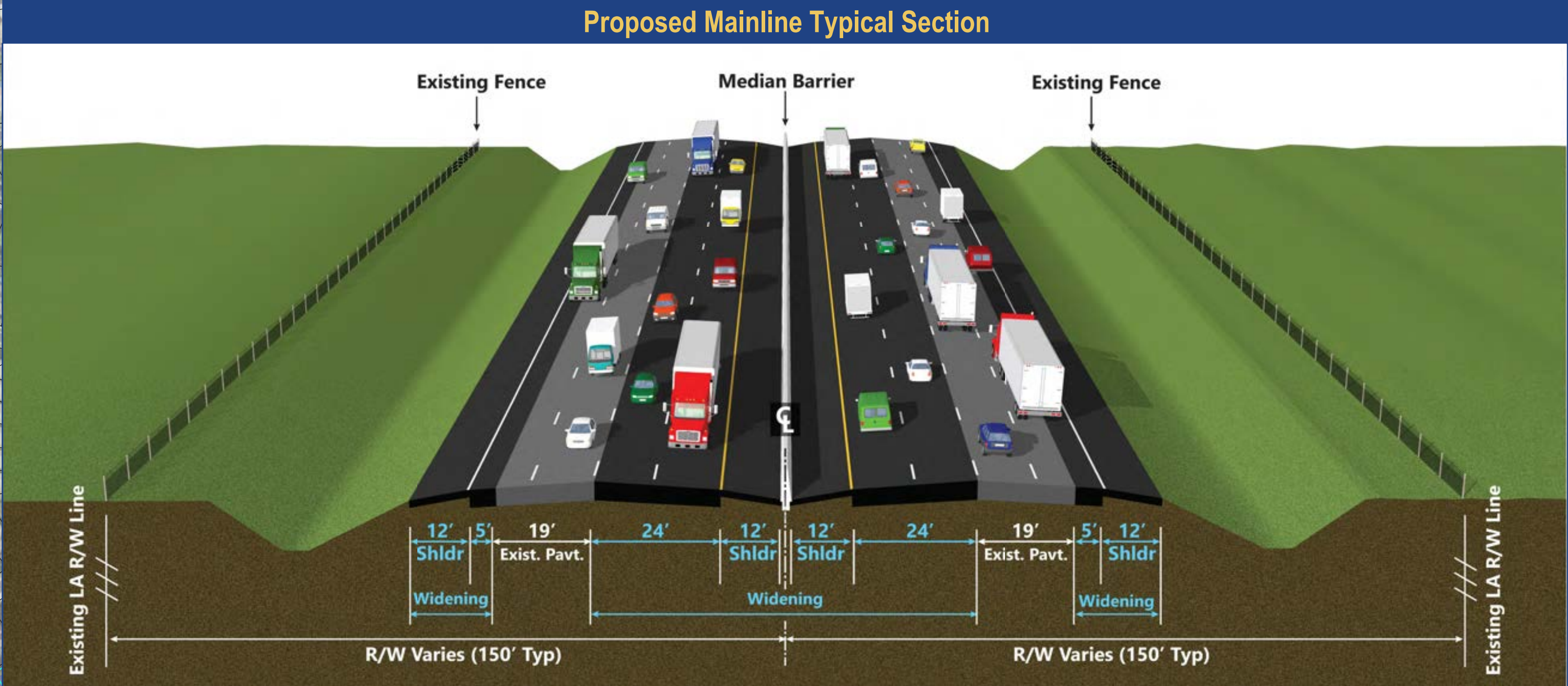
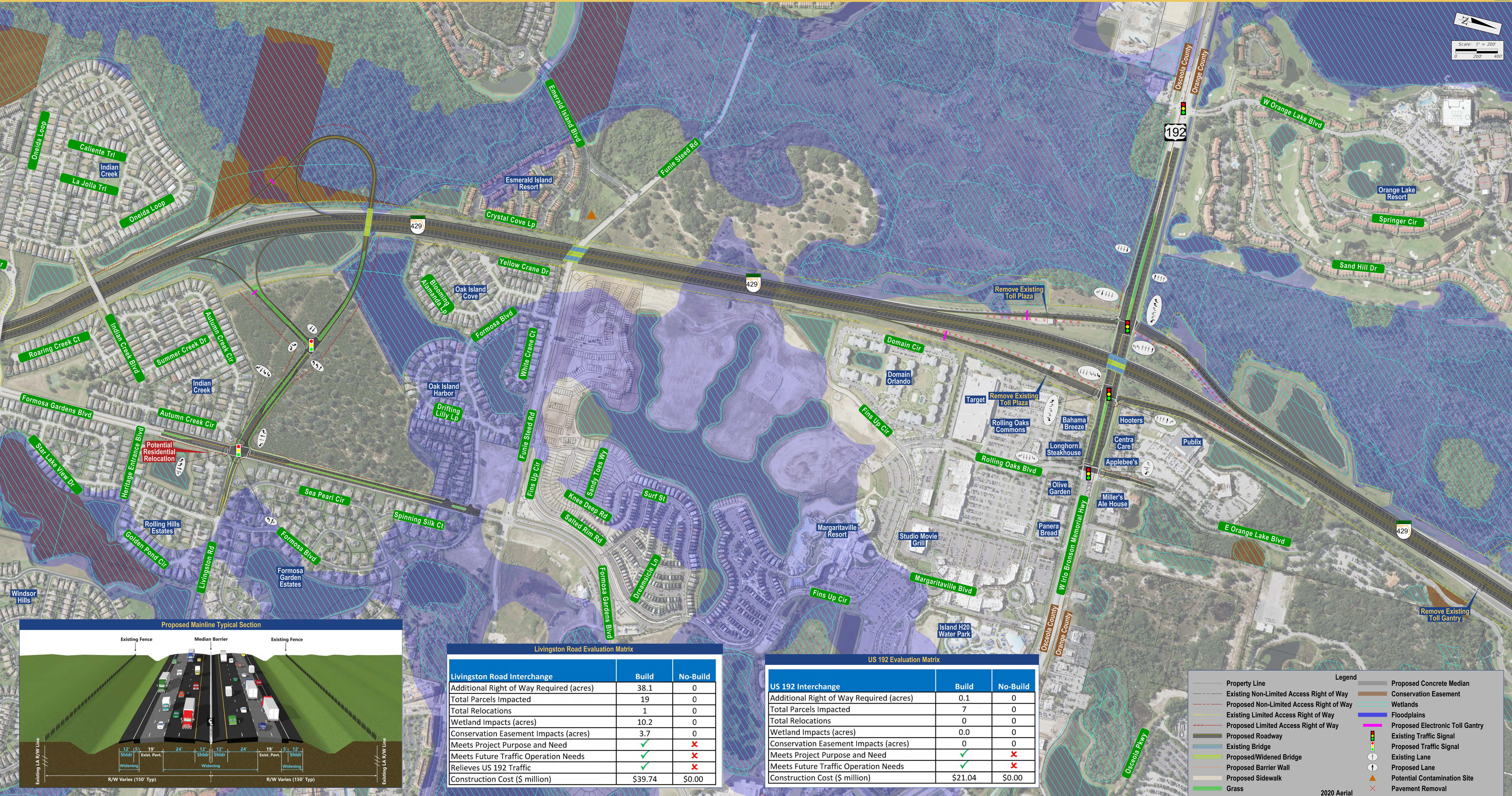
Preferred Alternative ramp improvements

Relocate Guide Sign Truss

Widen to Median

Sinclair Road Evaluation Matrix			
Sinclair Road Interchange	Option 1 Traffic Signal	Option 2 Roundabout	No-Build
Additional Right of Way Required (acres)	0	0	0
Total Parcels Impacted	0	0	0
Total Relocations	0	0	0
Wetland Impacts (acres)	0	0	0
Conservation Easement Impacts (acres)	0	0	0
Meets Project Purpose and Need	✓	✓	✗
Meets Future Traffic Operation Needs	✓	✓	✗
Reduces Future Vehicle Conflicts	✓	✓	✗
Estimated Construction Cost (\$ million)	\$11.94	\$13.47	\$0.00

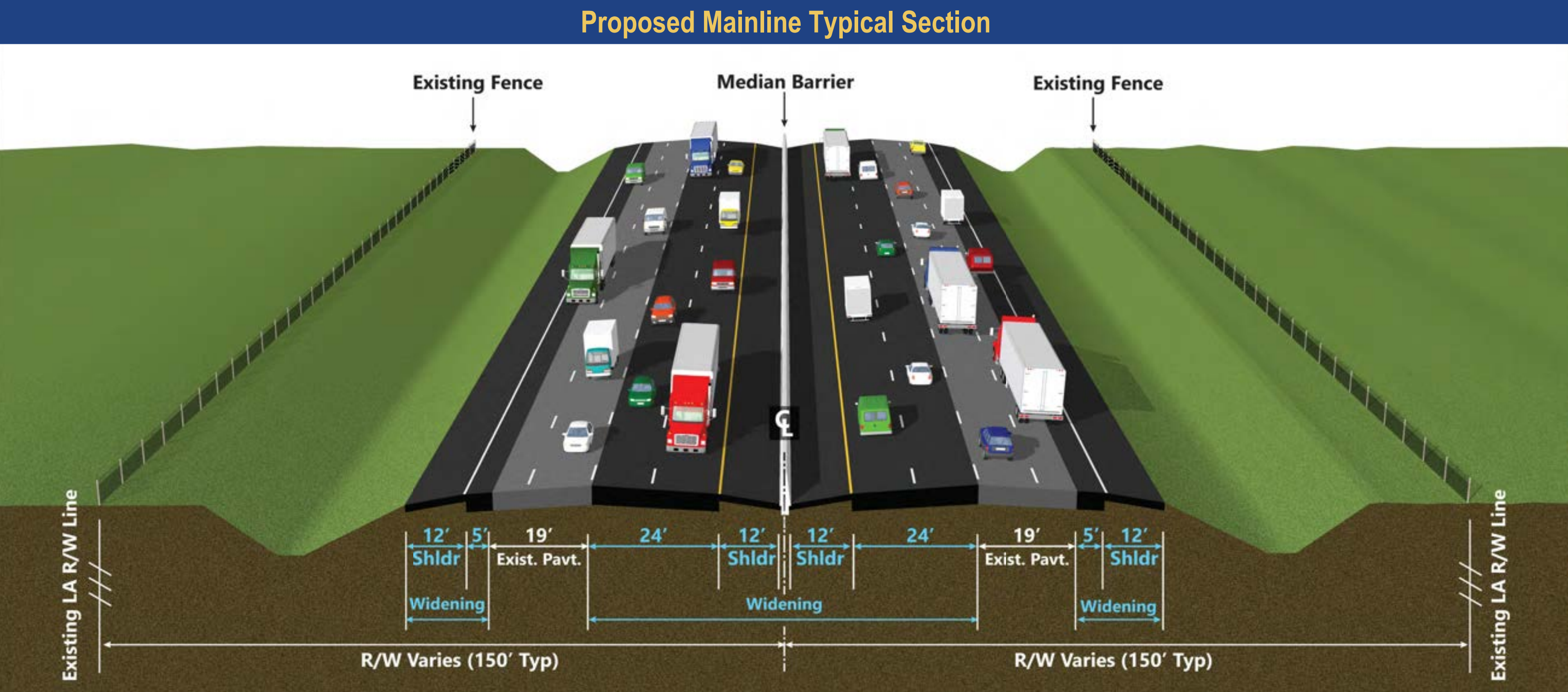
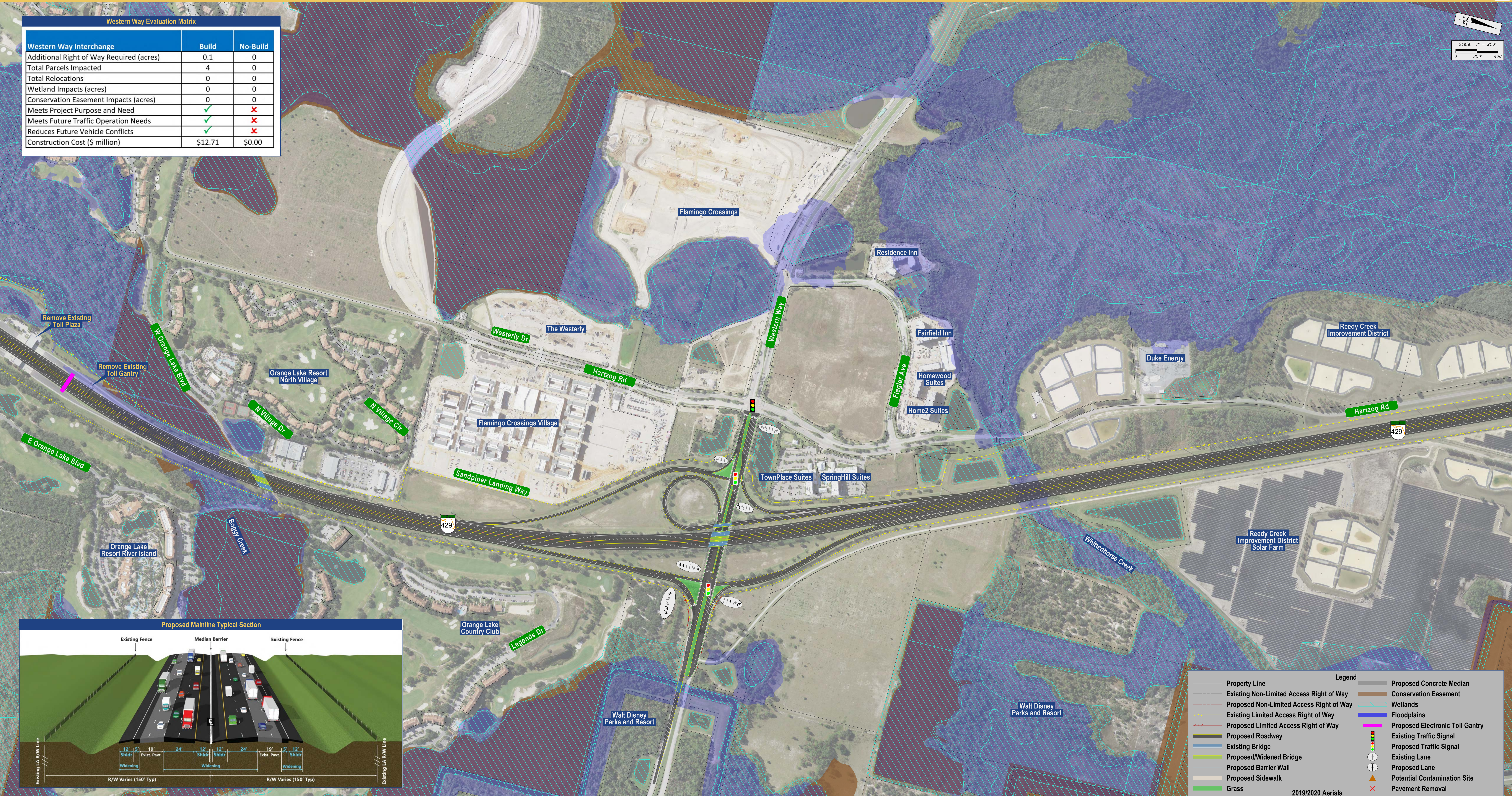




Livingston Road Evaluation Matrix		
Livingston Road Interchange	Build	No-Build
Additional Right of Way Required (acres)	38.1	0
Total Parcels Impacted	19	0
Total Relocations	1	0
Wetland Impacts (acres)	10.2	0
Conservation Easement Impacts (acres)	3.7	0
Meets Project Purpose and Need	✓	✗
Meets Future Traffic Operation Needs	✓	✗
Relieves US 192 Traffic	✓	✗
Construction Cost (\$ million)	\$39.74	\$0.00

US 192 Evaluation Matrix		
US 192 Interchange	Build	No-Build
Additional Right of Way Required (acres)	0.1	0
Total Parcels Impacted	7	0
Total Relocations	0	0
Wetland Impacts (acres)	0.0	0
Conservation Easement Impacts (acres)	0	0
Meets Project Purpose and Need	✓	✗
Meets Future Traffic Operation Needs	✓	✗
Construction Cost (\$ million)	\$21.04	\$0.00

Western Way Evaluation Matrix		
Western Way Interchange	Build	No-Build
Additional Right of Way Required (acres)	0.1	0
Total Parcels Impacted	4	0
Total Relocations	0	0
Wetland Impacts (acres)	0	0
Conservation Easement Impacts (acres)	0	0
Meets Project Purpose and Need	✓	✗
Meets Future Traffic Operation Needs	✓	✗
Reduces Future Vehicle Conflicts	✓	✗
Construction Cost (\$ million)	\$12.71	\$0.00



Legend

- Property Line
- Existing Non-Limited Access Right of Way
- Proposed Non-Limited Access Right of Way
- Existing Limited Access Right of Way
- Proposed Limited Access Right of Way
- Proposed Roadway
- Existing Bridge
- Proposed/Widened Bridge
- Proposed Barrier Wall
- Proposed Sidewalk
- Grass

Legend

- Proposed Concrete Median
- Conservation Easement
- Wetlands
- Floodplains
- Proposed Electronic Toll Gantry
- Existing Traffic Signal
- Proposed Traffic Signal
- Existing Lane
- Proposed Lane
- Potential Contamination Site
- Pavement Removal

2019/2020 Aerials

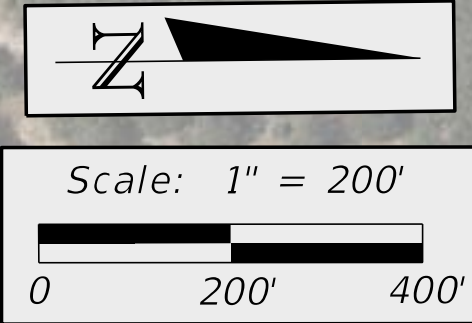
Seidel Road Evaluation Matrix			
Seidel Road Interchange	Option 1 Traffic Signals	Option 2 Roundabouts	No-Build
Additional Right of Way Required (acres)	0	0.6	0
Total Parcels Impacted	0	5	0
Total Relocations	0	0	0
Wetland Impacts (acres)	0	0	0
Conservation Easement Impacts (acres)	0	0	0
Meets Project Purpose and Need	✓	✓	✗
Meets Future Traffic Operation Needs	✓	✓	✗
Reduces Future Vehicle Conflicts	✓	✓	✗
Construction Cost (\$ million)	\$8.71	\$9.75	\$0.00



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**Livingston Road Interchange
Alternative 2: T-Ramp**

FDOT



Property Line

Existing Non-Limited Access Right of Way

Proposed Non-Limited Access Right of Way

Existing Limited Access Right of Way

Proposed Limited Access Right of Way

Proposed Roadway

Existing Bridge

Proposed/Widened Bridge

Proposed Barrier Wall

Proposed Sidewalk

Grass

Legend

Proposed Concrete Median

Conservation Easement

Wetlands

Floodplains

Proposed Electronic Toll Gantry

Existing Traffic Signal

Proposed Traffic Signal

Potential Contamination Site

Pavement Removal

2020 Aerial