APPENDIX 21-4B

Programmed Transportation Improvements

SR 836/I-395

FISCAL YEAR 2011-2015



Project	Project Name			Expenditures	Projected		FY11 TH	ROUGH FY1	5 (\$000s)		Total
Number	Description	Project Limits	Phase	Thru FY09	FY10 Budget	FY11	FY12	FY13	FY14	FY15	Project Budget
11205	Interconnector from MIA to SR 112						•	•			Duuzei
	Identify improvements to LeJeune Road, SR 112, and Iron Triangle	NW 25th Street	Project Development	\$7,973							\$7,973
	Interchange. Develop a master plan for the future direct connection	/ LeJeune Road	Final Design	\$755	\$107	\$48					\$909
	between SR 836 and SR 112 with coordination of right-of-way acquisition with Miami-Dade Transit Authority between NW 25th Street	to	Right-of-Way	\$26,044	\$424						\$26,468
	and SR 112 / NW 27th Avenue. Develop final design plans for interim	SR 112 / NW 27th Avenue	Construction								\$0
	improvements to LeJeune Road.		Design/Build								\$0
11209	SR 112 Infrastructure Modifications for Open Road Tollin	2	Booigin Build								\$0
	Removal of existing toll plaza, installation of gantries, shelter and	NW 17th Avenue	Project Development		\$208	\$77			1		\$284
	signage, and modification to the SR 112 roadway in the area of the	to	Final Design			\$538	\$53				\$591
	gantries to accommodate highway-speed vehicle traffic for implementation of Open Road Tolling.	NW 12th Avenue	Construction				\$7,199				\$7,199
			Design/Build								\$0
11211	Central Boulevard Reconstruction						1	1	1	1	
	JPA with FDOT and Miami International Airport for partial funding and construction of Central Boulevard, the primary access roadway between	Airport Terminals	Project Development	\$253	\$415						\$668
	MIA and SR 112 and SR 836.	to	Final Design Construction								\$0 \$0
		SR 836 & SR 112	Design/Build		\$1.641	\$24.137	\$35.861	\$23,724			\$85,363
83602	SR 836 Mainline Reconstruction and Connections to MIA		Design/Bullu		31,041	\$24,137	\$55,801	\$25,724			\$85,505
05002	Project development and preparation of conceptual Environmental		Project Development	\$5,787	\$15						\$5,801
	Resource Permit for the future reconstruction of the SR 836 mainline to	NW 57th Avenue	Final Design								\$0
	include Managed Lanes. Reconstruction of interchanges at NW 57th	to	Right-of-Way		\$1,985						\$1,985
	Avenue, NW 45th Avenue and LeJeune Road. Purchase of right-of-way to facilitate drainage requirements.	NW 34th Avenue	Construction		\$1,965						\$1,985
	to mentate dramage requirements.	Nw 54th Avenue									
0.0.0.0	SR 836 / SR 112 Interconnector		Design/Build								\$0
83603	SK 836 / SK 112 Interconnector Funding JPA for acquisition of ROW by FDOT for Interconnector from	0D 00.0		#75 750	¢10.000		1		1	1	\$05 5 CO
	SR 836 to Central Boulevard. Design and construction by FDOT of C-D	SR 836	Project Development	\$75,759	\$10,809						\$86,568
	roads to access MIC and MIA from SR 836 with provisions for	to	Final Design								\$0
	connections to SR 836 Managed Lanes. Refer to FDOT FM 250234 1	NW 28th Street	Construction								\$0
	005 06, and FM 250234 2 005 06.		Design/Build								\$0
83605	SR 836 Extension from NW 137th Avenue to NW 107th Av						-		-	-	
	Construction of a new 4 lane expressway extension on SR 836.	NW 137th Avenue	Project Development	\$5,677							\$5,677
	Reconstruction of West 137th Avenue from SW 8th Street to NW 12th Street.	to	Final Design		\$2 ,000						\$0
	5400.	NW 1074 Ameri	Right-of-Way	\$60,397	\$2,000						\$62,396
		NW 107th Avenue	Construction Design/Build	\$179,941							\$0 \$179,941
83608	SR 826 / SR 836 Interchange Improvements		Design/Bullu	φ1/7,741			1	1	1	1	\$1/7,741
0.000	Includes Design, Construction and Right-of-Way JPA w/ FDOT for	SR 826 Interchange	Project Development	\$1,653	\$279		1		1	1	\$1,932
	partial funding of SR 826 / SR 836 interchange. Refer to FM 249581.	to	Final Design		+=				1	1	\$11,035
		SR 836	Construction		\$10,069	\$15,069	\$25,069	\$25,069	\$25,069	\$25,069	\$197,031
			Design/Build								\$0

FISCAL YEAR 2011-2015



Project	Project Name			Expenditures	Projected		FY11 TH	ROUGH FY1	5 (\$000s)		Total
Number	Description	Project Limits	Phase	Thru FY09	FY10 Budget	FY11	FY12	FY13	FY14	FY15	Project Budget
83611	SR 836 / I-95 Interchange Environmental Assessment										
	Coordination of operational improvements to SR 836 from NW 17th	NW 17th Avenue	Project Development	\$2,089	\$464	\$95					\$2,648
	Avenue to I-95 Interchange with City of Miami, FDOT-6, and others.	to	Final Design								\$0
	JPA established with FDOT.	I-95	Construction							FY15	\$0
			Design/Build								\$0
83617	SR 836 Landscaping										
	Landscaping Contract for 83605, 83612, and 83614.	NW 137th Avenue	Project Development	\$92	\$28						\$120
		to	Final Design	\$276	\$21						\$298
		NW 87th Avenue	Construction	\$4,461	\$775						\$5,236
02/10	SR 836 Southwest Extension		Design/Build								\$0
83618	Preparation of concept report and PD&E Study for new expressway	CW 1264 Ct	Denie of Douglasses	\$1.261	\$549	\$1,591	\$1.071	\$1.225	\$55A	FY14 FY15	\$7,251
	extension of SR 836 from NW 137th Avenue to SW 136th Street as part	SW 136th Street	Project Development Final Design	\$1,361	\$349	\$1,391	\$1,871	\$1,325	\$334		\$7,251
	of the MDX Master Plan and the MPO Long Range Transportation Plan.	to NW 137th Avenue	Construction						φυυτ		\$0 \$0
		Nw 13/th Avenue	Design/Build								\$0 \$0
83622	SR 836 EB Auxiliary Lane		Design/Build								30
03022	Design and construction of an eastbound auxiliary lane along SR 836	SR 826 / SR 836 Interchange	Project Development	\$943					I	I	\$943
	from west of NW 57th Ave to NW 42 Ave.	to	Final Design	\$745							\$945
		NW 42nd Avenue	Construction								\$0
		True 42nd Triende	Design/Build	\$427	\$11,881	\$8,604					\$20,912
83624	SR 836 Infrastructure Modifications for Open Road Tolling	2	Design Dund	φ 1 27	\$11,001	\$0,004	1				\$20,912
	Removal of existing toll plaza, installation of gantries, shelter and	NW 22nd Avenue	Project Development		\$63	\$288			1	1	\$351
	signage, and reconstruction of the SR 836 roadway to accommodate	to	Final Design				\$724				\$724
	highway-speed vehicle traffic for implementation of Open Road Tolling.	NW 17th Avenue	Construction					\$12,355	\$7,144		\$19,499
			Design/Build								\$0
83625	SR 836 Emergency Ramp										
	Design and construction of emergency access ramp from west of NW	NW 107th Avenue	Project Development	\$16	\$74						\$90
	107th Avenue westbound to SR 836 Extension. Includes emergency	to	Final Design		\$253	\$137					\$390
	vehicle opening between 127th and 137th Avenues.	SR 836	Construction			\$1,052	\$2,601				\$3,654
			Design/Build								\$0
83627	SR 836 Express Bus Service Study								•	•	
	Study of current conditions and needed improvements for potential	NW 137th Avenue	Project Development	\$90	\$192	\$108					\$390
	development of express bus service along the SR 836 outside shoulders in the eastbound and westbound directions; with potential park and ride	to	Final Design								\$0
	In the eastbound and westbound directions; with potential park and ride lots at selected locations in coordination with Miami-Dade Transit.		Right-of-Way	\$15	\$12						\$27
	ists at selected locations in coordination with Miann-Daue Hallsit.	I-95	Construction								\$0
92(29			Design/Build						I	I	\$0
83628	SR 836 Auxiliary Lanes and Interchange Improvements Project development for the construction of SR 836 Eastbound Auxiliary	27th Avenue	Denie et Devele	\$317	\$2,165	\$1,227			1	1	\$3,709
	Project development for the construction of SR 836 Eastbound Auxiliary Lane from 42nd Ave. to 27th Ave.; SR 836 Westbound additional lanes		Project Development	\$317	\$2,105	\$1,227	#7.0 <i>c</i> 0	¢1.500			
	from 27th Ave. to 57th Ave. and improvements to the SR 836/LeJeune	to	Final Design				\$7,363	\$1,508			\$8,871
	Interchange as well as to the SR 836/27th Ave. Interchange.	57th Avenue	Construction								\$0
			Design/Build								\$0

FISCAL YEAR 2011-2015



Project	Project Name			Expenditures	Projected		FY11 TH	ROUGH FY1	5 (\$000s)		Total
Number	Description	Project Limits	Phase	Thru FY09	FY10 Budget	FY11	FY12	FY13	FY14	FY15	Project Budget
83629	SR 836 Interchange Modifications at 87th Avenue										
	Reconstruction of the SR 836 Mainline and NW 87th Avenue	SR 836 West of 82nd Avenue	Project Development	\$109	\$474	\$97					\$681
	Interchange to 500 feet west of NW 82nd Avenue.	SIC 050 West of 02hd Hvende	Final Design			\$2,613	\$3,987				\$6,600
		to	Construction								\$0
00(00		87th Avenue	Design/Build								\$0
83630	SR 836 and NW 14 Street Interchange Improvements	0D 005	D. S. D. J.		¢21				T	r	¢21
	Widening of Westbound Exit Ramp at NW 14th Street and SR 836.	SR 836	Project Development		\$31	675					\$31 \$99
		at	Final Design		\$25	\$75					
		NUV 14 Cr.	Right-of-Way Construction			\$10 \$476	\$256				\$10 \$732
		NW 14 Street	Design/Build			\$476	\$256				\$732
87404	SR 874 / Killian Parkway Interchange		Design/Bulia								30
0/404	Modification of Killian Parkway Interchange and provision for new	Homestead Extension of	Project Development	\$1.697						1	\$1.697
	northbound and southbound electronic toll collection gantries. Includes	Florida's Turnpike	Final Design	\$9,282	\$84						\$9,366
	removal of existing northbound and southbound toll plazas; roadway		Right-of-Way	\$582	\$22						\$604
	widening and installation of sound barrier walls.	to	Construction	\$25,425	\$22,018	\$22,486	\$2.342				\$72,272
		Kendall Drive	Design/Build	\$25,425	\$22,010	\$22,400	ψ2,542				\$0
87409	SR 874 Mainline Reconstruction		8								
07105	Widening and resurfacing of SR 874 mainline from Kendall Drive to SR	Kendall Drive	Project Development	\$825	\$0					1	\$825
	826. Preparation of noise analysis report and installation of sound barrier	to	Final Design	\$193	\$4.324	\$886					\$5,403
	walls.	SR 826	Construction			\$34,017	\$51,927				\$85,944
			Design/Build								\$0
87410	SR 874 Ramp Connector			•			•	•	•	•	1
	Project development and preparation of concept report and PD& E Study	SW 136th Street	Project Development	\$992	\$950	\$534					\$2,477
	for a connection from SR 874 to SW 136th Street as part of the MDX	to	Final Design								\$0
	Master Plan and the MPO Long Range Transportation Plan.	SR 874	Construction								\$0
			Design/Build								\$0
87411	SR 874 / SR 826 Interchange Improvements										
l I	JPA with FDOT to contribute monies towards the reconstruction of the	North of SR 874 / 826	Project Development	\$9	\$107	\$22					\$138
	SR 874 / SR 826 Interchange to facilitate the construction of MDX	Interchange	Final Design								\$0
	Project 87409.	South of SR 874 / 826	Construction	\$30,000	\$15,005	\$15,005					\$60,010
		Interchange	Design/Build								\$0
87412	SR 874 Infrastructure Modifications for Open Road Tolling						1				
	Installation of gantries, shelter and signage for implementation of Open	Homestead Extension of	Project Development	\$121							\$121
	Road Tolling on SR 874.	Florida's Turnpike	Final Design	\$9	\$82						\$91
		to	Construction		\$170	****					\$170
05001		SR 826	Design/Build	\$22	\$2,624	\$829					\$3,475
87801	SR 878 Infrastructure Modifications for Open Road Tolling		D D I	¢100						r	\$100
	Installation of gantries, shelter and signage for implementation of Open Road Tolling on SR 878.	SR 874	Project Development	\$108	¢c4						\$108
	Road Tohing on SR 676.	to	Final Design	\$7	\$64 \$141						\$72 \$141
		U.S. 1	Construction Design/Build	\$22	\$141 \$2,090	\$660					\$141 \$2,772
			Design/Build	\$22	\$2,090	2000				I	\$2,112

FISCAL YEAR 2011-2015



Project	Project Name			Expenditures	Projected		FY11 TH	ROUGH FY1	5 (\$000s)		Total
Number	Description	Project Limits	Phase	Thru FY09	FY10 Budget	FY11	FY12	FY13	FY14	FY15	Project Budget
92404	SR 924 Extension West to the Homestead Extension of the I	Florida Turnpike									
	Project development and preparation of concept report and PD&E Study	SR 826	Project Development	\$700	\$1,147	\$1,324	\$471				\$3,642
	for a new expressway extension from SR 924 west to the Homestead Extension of the Florida's Turnpike (HEFT) as part of the MDX Master	to	Final Design								\$0
	Plan and the MPO Long Range Transportation Plan.	Homestead Extension of	Construction								\$0
		Florida's Turnpike	Design/Build								\$0
92405	SR 924 Infrastructure Modifications for Open Road Tolling	5							-	-	
	Removal of existing toll plaza, installation of gantries, shelter and	57th Avenue	Project Development	\$637							\$637
	signage, and reconstruction, milling and resurfacing of the SR 924 roadway to accommodate highway-speed vehicle traffic for	to	Final Design	\$209	\$63						\$271
	implementation of Open Road Tolling. Also includes milling, resurfacing	27th Avenue	Construction	\$352	\$374						\$726
	and misc. upgrades from NW 57th to 27th Avenues.		Design/Build	\$55	\$11,843	\$8,576				FY15	\$20,473
92407	SR 924 Extension East to I-95		ç								
	Preparation of PD&E Study for a new expressway extension from SR	NW 42nd Avenue	Project Development	\$253	\$1,386	\$1,611	\$585				\$3,835
	924 east to I-95 as part of the MDX Master Plan and the MPO Long	to	Final Design								\$0
	Range Transportation Plan.	I-95	Construction								\$0
			Design/Build								\$0
20001	Connect 4 Xpress Project development for new expressway connecting SR 836, SR 112	00.110		6704	¢100	#207	¢ 4 550	\$2.0 <i>c</i> 5	#0.c7	1	¢10.000
	and SR 924. Includes system interchanges with SR 112 and SR 924 and	SR 112	Project Development	\$784	\$100	\$397	\$4,770	\$3,965	\$967		\$10,982
	potential service interchanges with NW 54th Street, NW 79th Street and	to	Final Design								\$0
	NW 103rd Street with connectors to NW 37th Avenue.	SR 924	Construction								\$0
			Design/Build								\$0
20002	Systemwide Planning										
	Systemwide planning studies.		Project Development	\$1,619	\$376	\$94					\$2,089
		Systemwide	Final Design Construction								\$0 \$0
			Design/Build								\$0
20003	U.S. 1 Express Lanes										
	Preparation of PD&E Study to convert existing Busway into Managed	SW 344 Street	Project Development	\$192	\$2,143	\$3,314	\$1,770				\$7,418
	Lane facility as part of the MDX Master Plan and the MPO Long Range	to	Final Design								\$0
	Transportation Plan.	SW 88 Street	Construction								\$0
10006	MDV Dana da Companya I Constan		Design/Build								\$0
10006	MDX Remote Command Center Procurement and installation of hardware equipment and software for		Device of Develo	\$222					1	1	\$222
	collocating the operations of the MDX Remote Command Center with		Project Development	\$232							\$232
	FDOT"s SunGuide including provisions for general oversight and	MDX Headquarters	Final Design								\$0
	reporting at MDX headquarters. Upgrades to MDX Headquarter's	*	Construction		\$480						\$480
	Server room.		Design/Build	\$984	\$0						\$985
10007	SR 112 Communications and Incident Mgmt. / Surveillance						1				
	Install communications system integrating FDOT and Miami-Dade County systems with MDX system. Install incident management and	Miami International Airport	Project Development	\$265							\$265 \$0
	traffic surveillance equipment to SR 112.	to I-95	Final Design Construction								\$0 \$0
	* *	1-73	Design/Build	\$3,783	\$1,454						\$5,237

FISCAL YEAR 2011-2015



Project	Project Name			Expenditures	Projected		FY11 TH	ROUGH FY1	5 (\$000s)		Total
Number	Description	Project Limits	Phase	Thru FY09	FY10 Budget	FY11	FY12	FY13	FY14	FY15	Project Budget
10009	SR 924 Communications and Incident Mgmt. / Surveillance							-			
	Install communications system integrating FDOT system with MDX	SR 826	Project Development	\$260							\$260
	system. Install incident management and traffic surveillance equipment	to	Final Design								\$0
	to SR 924.	NW 27th Avenue	Construction								\$0
			Design/Build	\$4,797	\$652						\$5,449
10010	SR 874 / SR 878 Communications and Incident Mgmt. / Sur	veillance									
	Install communications system integrating SR 874 / SR 878 to Miami-	SR 874	Project Development	\$173							\$173
	Dade County system along U.S. 1. Install incident management and	to	Final Design								\$0
	traffic surveillance equipment to SR 874 / SR 878.	U.S. 1	Construction								\$0
			Design/Build	\$3,733	\$1,669						\$5,402
10013	SR 924 Toll System Conversion										
	SR 924 toll system conversion from the existing toll collection system to	SR 826	Project Development								\$0
	an Open Road Tolling (ORT) system.	to	Final Design								\$0
		NW 27th Avenue	Construction								\$0
			Design/Build	\$24	\$2,906	\$434					\$3,365
10014	SR 878 Toll System Conversion										
	SR 878 toll system conversion from the existing toll collection system to	US-1	Project Development								\$0
	an Open Road Tolling (ORT) system.	to	Final Design								\$0
		SR 874	Construction								\$0
			Design/Build		\$1,449	\$216					\$1,665
10015	SR 874 Toll System Conversion										
	SR 874 toll system conversion from the existing toll collection system to	Homestead Extension of	Project Development								\$0
	an Open Road Tolling (ORT) system.	Florida's Turnpike	Final Design								\$0
		SR 826	Construction								\$0
		51(020	Design/Build		\$2,771	\$875					\$3,645
10016	SR 112 Toll System Conversion			-			-		-		
	SR 112 toll system conversion from the existing toll collection system to	LeJeune Road	Project Development								\$0
	an Open Road Tolling (ORT) system.	to	Final Design								\$0
		I-95	Construction								\$0
			Design/Build				\$2,448	\$366			\$2,814
10017	SR 836 Toll System Conversion						-		-		
	SR 836 toll system conversion from the existing toll collection system to	NW 137th Avenue	Project Development								\$0
	an Open Road Tolling (ORT) system.	to	Final Design								\$0
		I-95	Construction								\$0
			Design/Build				\$857	\$4,442	\$2,494		\$7,794
10018	Systemwide Open Road Tolling Hardware/Software Develo	oment									
	Development of systemwide hardware and software and enhancements		Project Development								\$0
	to the violation enforcement system to accommodate requirements from	Systemwide	Final Design								\$0
	Open Road Tolling.		Construction								\$0
			Design/Build	\$722	\$8,693	\$2,745					\$12,159

FISCAL YEAR 2011-2015



Project	Project Name			Expenditures	Projected		FY11 TH	ROUGH FY1	5 (\$000s)		Total
Number	Description	Project Limits	Phase	-	FY10 Budget	FY11	FY12	FY13	FY14	FY15	Project Budget
10019	Systemwide Implementation of Dynamic Message Signs (DM	AS)									
	Procurement and installation of dynamic message signs (DMS) at specific locations throughout the MDX System to provide travelers information on traffic conditions. TTS Master Plan Development/update of ITS Master Plan to identify future use of technology, benefits of ITS applications for operational improvements, perform local and regional ITS system analysis and prepare an		Project Development		\$109	\$56					\$166
		Systemwide	Final Design								\$0
		ation on traffic conditions. Systemwide	Construction								\$0
			Design/Build			\$1,365	\$5,886	\$1,280			\$8,530
10020	ITS Master Plan										
		NW 137th Avenue	Project Development		\$172	\$185					\$357
		to	Final Design								\$0
		I-95	Construction								\$0
	interagency communications plan.		Design/Build								\$0
			Contingency Cost		\$600	\$5,000	\$0	\$0	\$0	\$0	\$5,600
	TRANSPORTATI	ON IMPROVEMENT P	ROGRAM TOTALS	\$474,552	\$131,024	\$156,872	\$156,041	\$74,034	\$36,228	\$25,069	\$1,125,424

Florida Department Of Transportation



Office of Work Program Lisa Saliba - Director

> Five Year Work Program 2011-2015 AD (Updated: 1/7/2011-02:11:13) All in State Item Number: 251688-1

251688-1 Sr 836/I-395 From East Of I-95 To MacArthur Cswy Bridge District 06 - Miami-Dade County Project Manager: CROFT/TOGHIAN											
District	District 00 - Miani-Dade County Froject Manager. Citor 1/10GrifAn										
	Type of Work: BRIDGE-REPLACE AND ADD LANES										
			Early	Early	Total						
Activity	Description	Resp. Person		Finish	Float						
268010000	ADVANCED DOCUMENTS TO R/W	A. TOIRAC	01/04/2005 A	01/04/2005 A	0						
342010000	ADVANCED ACQUISITION APPRAISAL	D. RIVERA	01/11/2005 A	02/11/2005 A	0						
343010000	ADVANCED ACQUISITION APPRAISAL REVIE	CASALS	01/14/2005 A	02/23/2005 A	0						
344010000	ADVANCED ACQUISITION NEGOTIATION	CASALS	01/27/2005 A	06/23/2005 A	0						
347010000	ADVANCED ACQUISITION RELOCATION WORK	CASALS	07/24/2006 A	09/30/2008 A	0						
345010000	ADVANCED ACQUISITION R/W DEMO	CASALS	06/26/2007 A	10/08/2012	2185						
250020000	P.E. BEGIN	TOGHIANI	11/02/2009 A	11/02/2009 A	0						
232020000	CONSULTANT ADVERTISE	R. FOUNTAI	09/27/2010 A	09/27/2010 A	0						
233020000	P.E. CONTRACT EXECUTED	R. FOUNTAI	03/28/2011	03/28/2011	0						
234020000	NOTICE TO PROCEED	R. FOUNTAI	04/18/2011	04/18/2011	0						
113010000	ROADWAY PLANS	TOGHIANI	04/25/2011	11/23/2015	0						
121010000	NEGOTIATION	CASALS	10/08/2012	12/14/2015	0						
129010000	RELOCATION	CASALS	10/08/2012	12/14/2015	0						
204010000	PRODUCTION DATE	TOGHIANI	02/05/2018	02/05/2018	0						
222010000	ALL PERMITS CLEAR	JAMES	02/05/2018	02/05/2018	0						
269010000	ALL UTILITIES CLEAR	SOTO	02/05/2018	02/05/2018	0						
226010000	PLANS TO DIST SPECS	SUAREZ	03/02/2020	03/02/2020	0						
242010000	SPECIFICATIONS	ZOLFAGHARI	03/09/2020	04/06/2020	0						
212010000	TRANSMIT PKG FOR LETTING	SUAREZ	07/06/2020	07/06/2020	0						
255010000	R/W CERTIFIED	CASALS	07/06/2020	07/06/2020	0						
280010000	LETTING DATE	LEIGH CANN	10/28/2020	10/28/2020	0						
203010000	CEI CONSULTANT CONTRACT EXECUTED	FOUNTAIN	02/22/2021	02/22/2021	0						

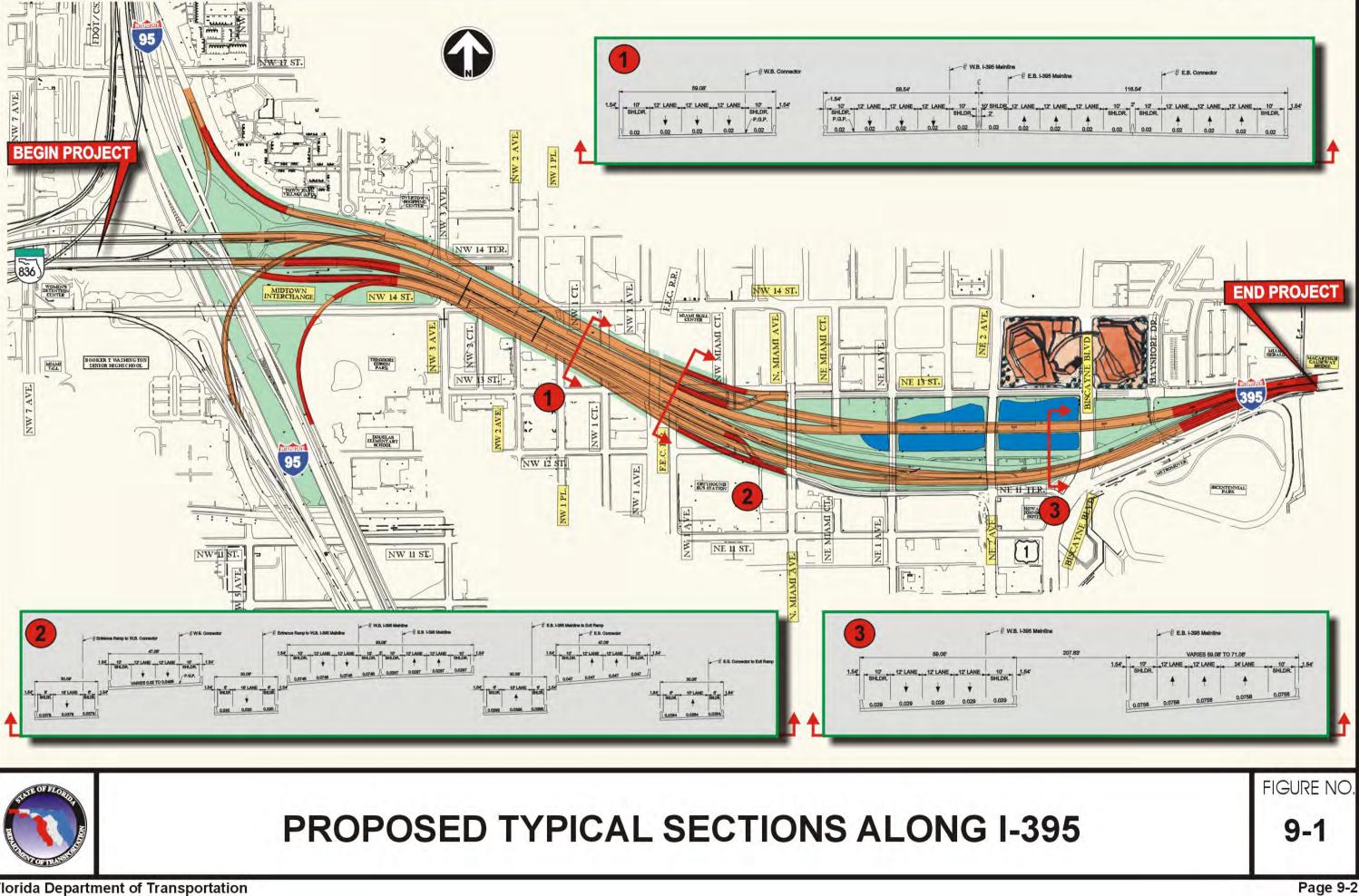
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Florida Department of Transportation



Preliminary Engineering Report