WEKIVA PARKWAY
Project Development and Environment Study

WEKIVA PARKWAY (SR 429)/SR 46 REALIGNMENT PD&E STUDY

ENVIRONMENTAL ASSESSMENT

APPENDICES A, B, C and D

MAY 2012

APPENDIX A

INITIAL ALTERNATIVES EXHIBITS
AND
IMPACT ANALYSIS SPREADSHEETS

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Exhibit A-1 Orange County Initial Alternatives East of Plymouth Sorrento Road

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Impact Analysis Spreadsheets for Orange County Initial Alternatives

Exhibit A-4 Lake County West Initial Alternatives with Interchange Concepts 1-1 & 1-2

Exhibit A-5 Lake County West Initial Alternatives with Interchange Concepts 2 & 3

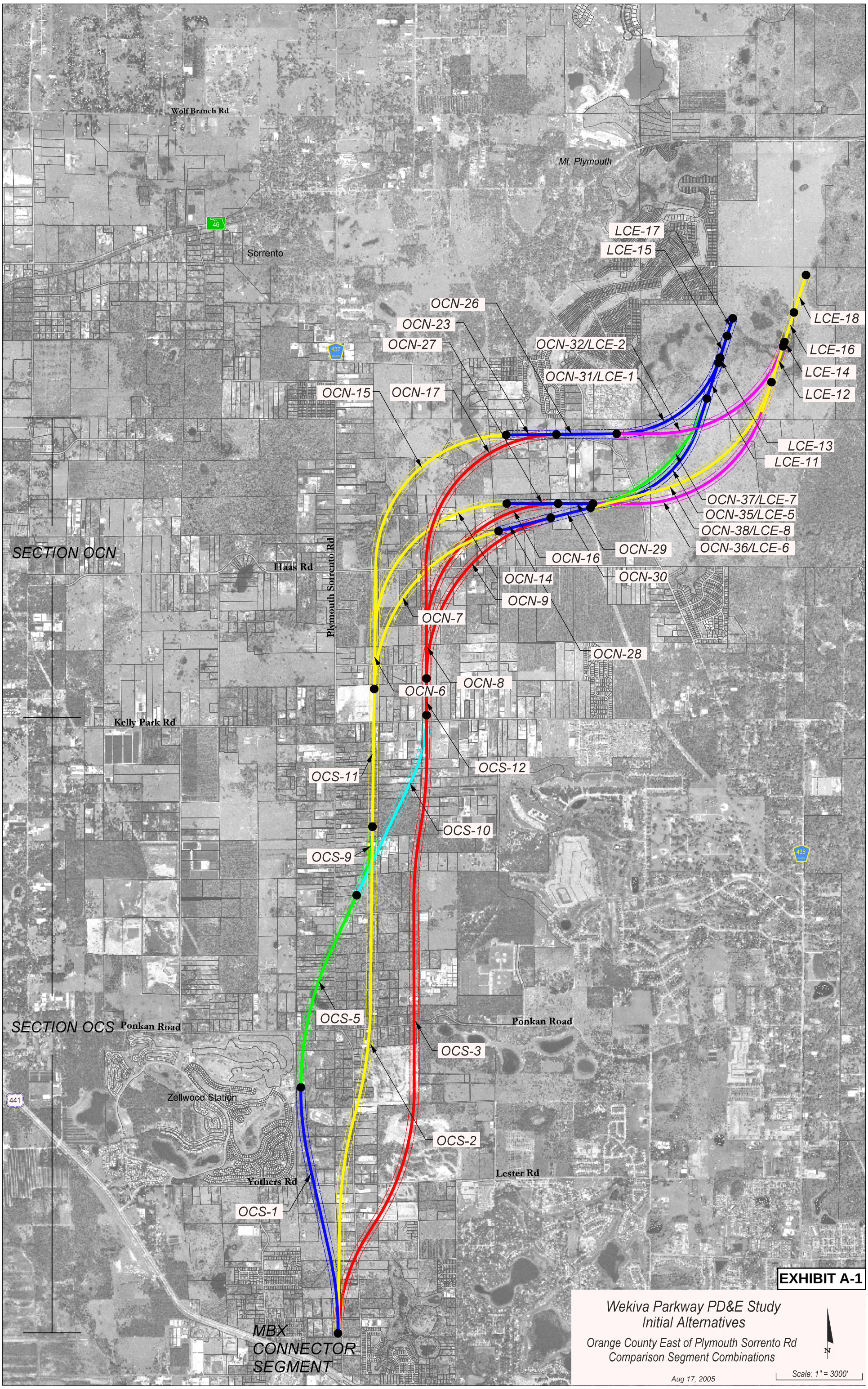
Impact Analysis Spreadsheets for Lake County West Initial Alternatives

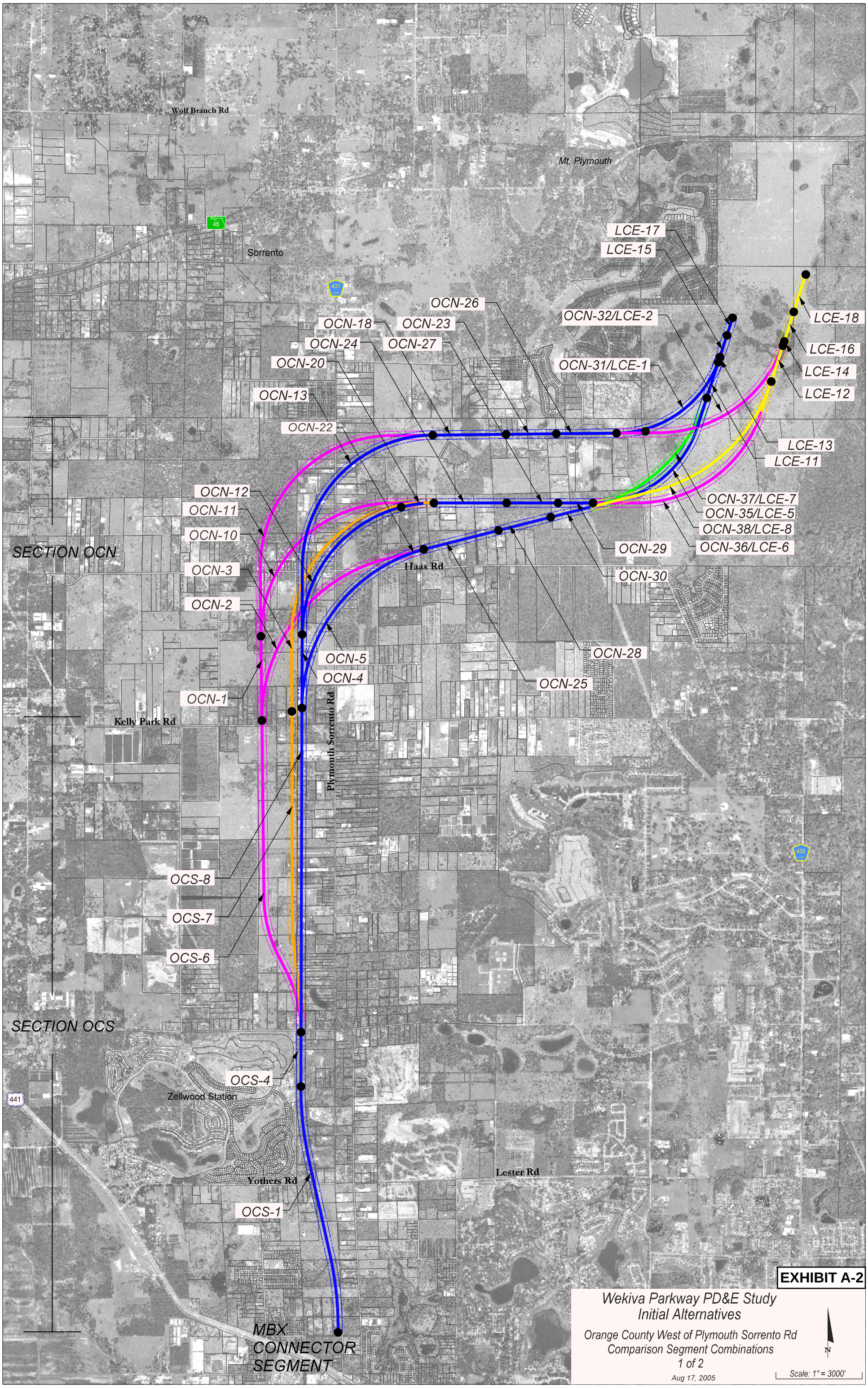
Exhibit A-6 Lake County East Initial Alternatives

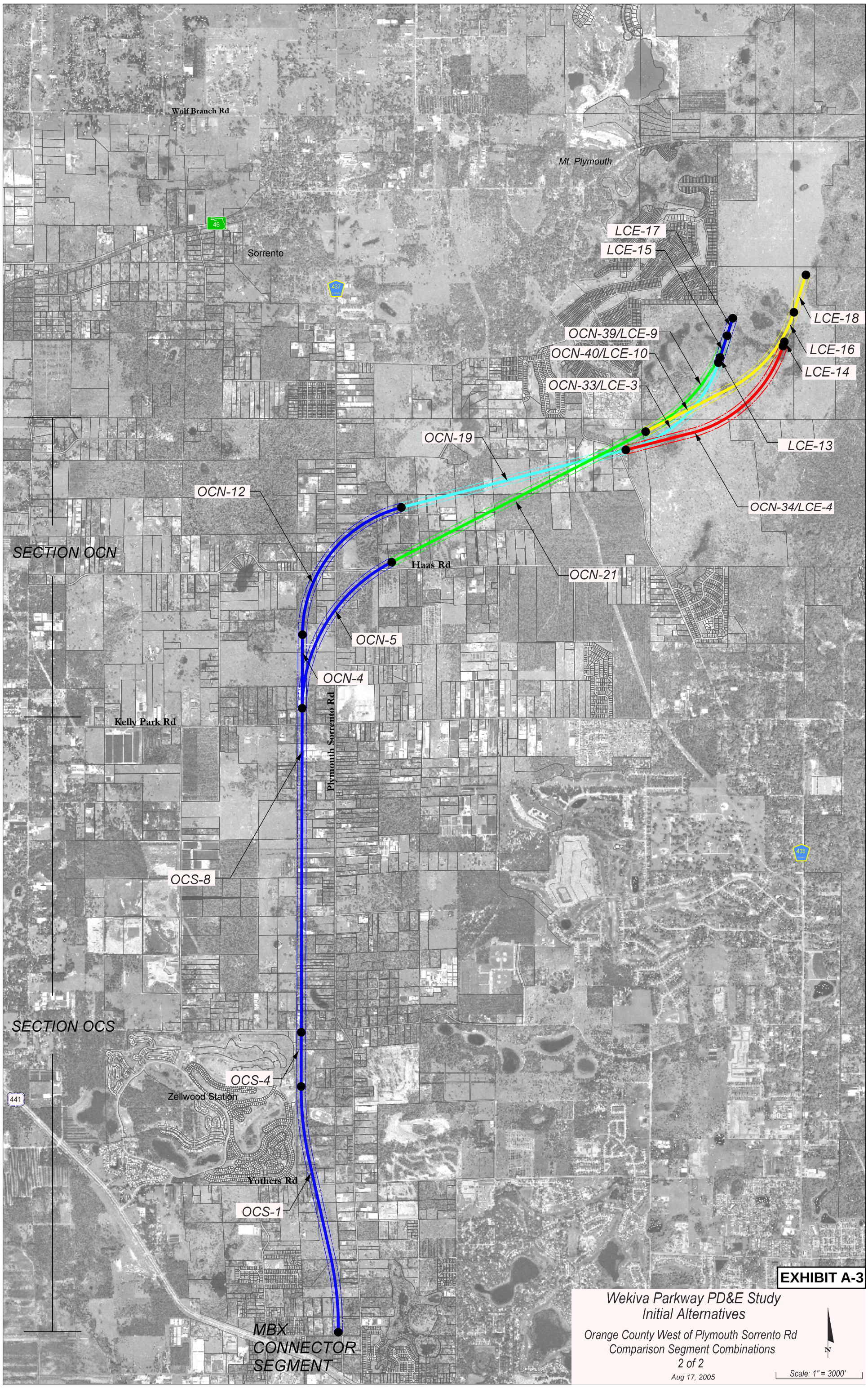
Impact Analysis Spreadsheets for Lake County East Initial Alternatives

Exhibit A-7 Seminole County Initial Alternatives

Impact Analysis Spreadsheets for Seminole County Initial Alternatives


Wolf Branch Rd
Mt. Plymouth
46
Sorrento
LCE-17
LCE-15
OCN-26
OCN-23
OCN-27
OCN-32/LCE-2
OCN-31/LCE-1
OCN-15
OCN-17
LCE-18
LCE-16
LCE-14
LCE-12
LCE-13
LCE-11
OCN-37/LCE-7
OCN-35/LCE-5
OCN-38/LCE-8
OCN-36/LCE-6
OCN-29
OCN-16
OCN-30
OCN-14
OCN-9
OCN-7
OCN-28
OCN-8
OCN-6
SECTION OCN
Haas Rd
Plymouth Sorrento Rd
Kelly Park Rd
OCS-12
OCS-11
OCS-10
OCS-9
OCS-5
SECTION OCS
Ponkan Road
Ponkan Road
OCS-3
Zellwood Station
441
OCS-2
Lester Rd
Yothers Rd
OCS-1
MBX
CONNECTOR
SEGMENT
EXHIBIT A-1
Wekiva Parkway PD&E Study
Initial Alternatives
Orange County East of Plymouth Sorrento Rd
Comparison Segment Combinations
Aug 17, 2005
Scale: 1" = 3000'


Wolf Branch Rd
Mt. Plymouth
46
Sorrento
437
LCE-17
LCE-15
OCN-26
OCN-32/LCE-2
LCE-18
OCN-18
OCN-23
OCN-24
OCN-27
LCE-16
OCN-20
OCN-31/LCE-1
LCE-14
OCN-13
LCE-12
OCN-22
LCE-13
LCE-11
OCN-12
OCN-37/LCE-7
OCN-11
OCN-35/LCE-5
OCN-38/LCE-8
OCN-10
OCN-36/LCE-6
SECTION OCN
OCN-29
Haas Rd
OCN-3
OCN-30
OCN-2
OCN-28
OCN-5
OCN-4
OCN-25
OCN-1
Kelly Park Rd
Plymouth Sorrento Rd
435
OCS-8
OCS-7
OCS-6
SECTION OCS
OCS-4
Zellwood Station
441
Yothers Rd
Lester Rd
OCS-1
MBX
CONNECTOR
SEGMENT
EXHIBIT A-2
Wekiva Parkway PD&E Study
Initial Alternatives
Orange County West of Plymouth Sorrento Rd
Comparison Segment Combinations
1 of 2
Aug 17, 2005
N
Scale: 1" = 3000'


Wolf Branch Rd
Mt. Plymouth
46
Sorrento
437
LCE-17
LCE-15
LCE-18
LCE-16
LCE-14
OCN-39/LCE-9
OCN-40/LCE-10
OCN-33/LCE-3
OCN-19
LCE-13
OCN-12
OCN-34/LCE-4
SECTION OCN
Haas Rd
OCN-21
OCN-5
OCN-4
Kelly Park Rd
Plymouth Sorrento Rd
435
OCS-8
SECTION OCS
OCS-4
441
Zellwood Station
Yothers Rd
OCS-1
MBX
CONNECTOR
SEGMENT
EXHIBIT A-3
Wekiva Parkway PD&E Study
Initial Alternatives
Orange County West of Plymouth Sorrento Rd
Comparison Segment Combinations
2 of 2
Aug 17, 2005
N
Scale: 1" = 3000'

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - UNIQUE SEGMENTS

Orange County South

	Displacements			Area Impacts (acres)				Threatened/Endangered Species (Probability): Observed=High(H); Likely=Moderate(M); Possible=Low(L); Unknown(U)										Other		
Segment	Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	Black Bear	Gopher Tort	Scrub Jay	Burrow Owl	Sd Hill Crane	Wood Stork	Indigo Snake	White Ibis	Fox Squirrel	Other	Contamination		Notes
OCS - 1	7	0	0	59.71	11.96 **	0	1.62											Landfill		
OCS - 2	52 *	0	14	121.91		0	0													
OCS - 3	108 *	0	8	151.76	9.37 ***	10.48	1.9													NW Recreation Complex
OCS - 4	1	0	1	12.98	8.86 **	0	0											Landfill		
OCS - 5	12	0	3	48.36	8.88 **	14.8	2.88											Landfill		
OCS - 6	7	0	1	76.2		19.56	1.76													
OCS - 7	9	0	3	73.98		10.55	0.38													
OCS - 8	14	1	3	74.03		11.4	0.88													
OCS - 9	1	0	5	16.99		0	0													
OCS - 10	47 *	0	8	46.6		0	0													
OCS - 11	6	0	4	32.96		0	0													
OCS - 12	0	0	0	8.8		0	0													

* Residential includes homesites in the following platted developments:
OCS - 2 Wekiva Run (21);
OCS - 3 Wekiva Run (19), Arbor Ridge (35), Palmetto Ridge (19) & Oak Ridge (17);
OCS - 10 Oak Ridge (41).

** Orange County Public Lands.
*** City of Apopka

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - UNIQUE SEGMENTS

Orange County North

Segment	Displacements			Area Impacts (acres)				Threatened/Endangered Species (Probability): Observed=High(H); Likely=Moderate(M); Possible=Low(L); Unknown(U)										Other		Notes
	Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	Black Bear	Gopher Tort	Scrub Jay	Burrow Owl	Sd Hill Crane	Wood Stork	Indigo Snake	White Ibis	Fox Squirrel	Other	P & U Farmlands (ac)		
OCN - 1	0	0	0	20.14	0	0	2.28													
OCN - 2	4	0	0	62.87	0	0	0		H					M						
OCN - 3	11	0	3	73.34	0	0	0			L										
OCN - 4	2	0	1	16.93	0	0	0													
OCN - 5	4	0	1	43.15	0	0	0											0.42		
OCN - 6	3	0		13.15	0	0	0													
OCN - 7	6	0	2	51.71	1.04 *	0	0													County Retention Pond
OCN - 8	0	0	0	10.11	0	0	0											2.06		
OCN - 9	5	0	2	52.37	0.02 *	0	0											8.46		County Retention Pond
OCN - 10	14	0	2	59.81	0	0	0			L										
OCN - 11	7	0	0	75.03	0	4.83	5.9			L										
OCN - 12	5	0	1	42.24	0	0	0													
OCN - 13	8	0	2	65.28	0	6.87	5.32													
OCN - 14	3	0	3	49.19	0	0	0.69		H					M				8.28		
OCN - 15	6	0	0	65.3	17.99 *	11.52	5.84													Future O.C.Park/Cons.
OCN - 16	1	0	2	49.72	0	0	0											1.71		
OCN - 17	7	0	1	65.95	14.64 *	14.8	0.63													Future O.C.Park/Cons.
OCN - 18	2	0	0	18.38	9.33 *	13.28	8.7													Future O.C.Park/Cons.
OCN - 19	4	0	2	55.48	19.56 *	4.16	0				H									Future O.C.Park/Cons.
OCN - 20	4	0	0	7.93	0	0	0													
OCN - 21	6	0	3	68.39	1.79 *	11.07	6.1		H					M						Future O.C.Park/Cons.
OCN - 22	1	0	0	8.32	0	0	0		H					M						
OCN - 23	3	0	0	12.03	0	6.63	0.52													
OCN - 24	1	0	1	17.42	0	0	0													
OCN - 25	1	0	1	18.47	0	0	0.35													
OCN - 26	0	0	0	14.43	0	3.22	4.88													
OCN - 27	0	0	0	12.3	0	0	0											1.71		
OCN - 28	0	0	0	12.9	0	0	0													
OCN - 29	0	0	0	8.35	0	2.41	0.46		H					M				2.85		
OCN - 30	1	0	0	9.8	0	1.97	0		H					M				4.64		
OCN - 31	0	0	0	13.26	0	11.22	13.19		H					M						
OCN - 32	0	0	0	24.6	0	16.87	16.39		H					M						
OCN - 33	0	0	0	15.53	0	15.53	8.67		H					M						
OCN - 34	0	0	0	24.75	0.13 **	16.67	8.25		H					M						Rock Springs Run S.R.
OCN - 35	0	0	0	35.1	0	12.61	1.08		H					M						
OCN - 36	0	0	0	48.2	5.77 **	5.61	3.66		H					M						Rock Springs Run S.R.
OCN - 37	0	0	0	34.46	0	17.99	4.73		H					M						
OCN - 38	0	0	0	45.88	6.45 **	4.53	2.75		H					M						Rock Springs Run S.R.
OCN - 39	0	0	0	5.82	0	5.82	5.82		H					M						
OCN - 40	0	0	0	6.54	0	6.54	6.54		H					M						

*Orange County Public Lands

**State of Florida Public Lands

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - COMPARISON OF SEGMENT COMBINATIONS

West of Plymouth-Sorrento Rd. (Orange Co. and a portion of east Lake Co.)

Segment Comb. #	Segments in Combination															Combined Displacements			Combined Area Impacts (acres)				Threaten./Endanger. Species (Probability)				Other		Notes
																Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	High	Moderate	Low	Unknown	Contamination		
	Segment Termination LCE-17																												
1	OCS-1	OCS-4	OCS-6	OCN-1	OCN-10	OCN-24	OCN-27	OCN-29	OCN-35	LCE-5	LCE-11	LCE-13	LCE-15	LCE-17		30	0	5	327.39	20.82	52.13	23.65	GT,BB,WI	IS,GT,BO,SC,WS	SJ		Landfill		
2	OCS-1	OCS-4	OCS-6	OCN-1	OCN-11	OCN-18	OCN-23	OCN-26	OCN-31	LCE-1	LCE-15	LCE-17				27	0	2	331.55	30.15	82.41	61.53	GT,BB,WI	IS,GT,BO,SC,WS	SJ		Landfill		
3	OCS-1	OCS-4	OCS-6	OCN-2	OCN-25	OCN-28	OCN-30	OCN-37	LCE-7	LCE-11	LCE-13	LCE-15	LCE-17			21	0	3	312.91	20.82	57.46	25.02	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
4	OCS-1	OCS-4	OCS-7	OCN-3	OCN-24	OCN-27	OCN-29	OCN-35	LCE-5	LCE-11	LCE-13	LCE-15	LCE-17			29	0	8	318.56	20.82	43.12	19.99	GT,BB,WI	IS,GT,BO,SC,WS	SJ		Landfill		
5	OCS-1	OCS-4	OCS-8	OCN-4	OCN-12	OCN-19	OCN-33	LCE-3	LCE-13	LCE-15	LCE-17					33	1	8	304.31	40.38	52.89	29.61	BO,GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
6	OCS-1	OCS-4	OCS-8	OCN-4	OCN-12	OCN-20	OCN-24	OCN-27	OCN-29	OCN-35	LCE-5	LCE-11	LCE-13	LCE-15	LCE-17	34	1	7	312.37	20.82	43.97	20.49	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
7	OCS-1	OCS-4	OCS-8	OCN-4	OCN-13	OCN-18	OCN-23	OCN-26	OCN-31	LCE-1	LCE-15	LCE-17				37	1	7	316.42	30.15	76.29	57.79	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
8	OCS-1	OCS-4	OCS-8	OCN-5	OCN-21	OCN-39	LCE-9	LCE-17								32	1	8	293.7	22.61	51.86	39.31	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
9	OCS-1	OCS-4	OCS-8	OCN-5	OCN-22	OCN-25	OCN-28	OCN-30	OCN-37	LCE-7	LCE-11	LCE-13	LCE-15	LCE-17		29	1	6	299.34	20.82	49.3	24.14	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
	Segment Termination LCE-18																												
10	OCS-1	OCS-4	OCS-6	OCN-1	OCN-10	OCN-24	OCN-27	OCN-29	OCN-36	LCE-6	LCE-12	LCE-14	LCE-16	LCE-18		30	0	5	351.49	26.59	43.4	23.39	GT,BB,WI	IS,GT,BO,SC,WS	SJ		Landfill		
11	OCS-1	OCS-4	OCS-6	OCN-1	OCN-11	OCN-18	OCN-23	OCN-26	OCN-32	LCE-2	LCE-16	LCE-18				27	0	2	355.56	30.15	78.16	53.48	GT,BB,WI	IS,GT,BO,SC,WS	SJ		Landfill		
12	OCS-1	OCS-4	OCS-6	OCN-2	OCN-25	OCN-28	OCN-30	OCN-38	LCE-8	LCE-12	LCE-14	LCE-16	LCE-18			21	0	3	335.67	27.27	41.82	20.51	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
13	OCS-1	OCS-4	OCS-7	OCN-3	OCN-24	OCN-27	OCN-29	OCN-36	LCE-6	LCE-12	LCE-14	LCE-16	LCE-18			29	0	8	342.66	26.59	34.39	19.73	GT,BB,WI	IS,GT,BO,SC,WS	SJ		Landfill		
14	OCS-1	OCS-4	OCS-8	OCN-4	OCN-12	OCN-19	OCN-34	LCE-4	LCE-14	LCE-16	LCE-18					33	1	8	327.05	40.51	46.2	22.26	BO,GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
15	OCS-1	OCS-4	OCS-8	OCN-4	OCN-12	OCN-20	OCN-24	OCN-27	OCN-29	OCN-36	LCE-6	LCE-12	LCE-14	LCE-16	LCE-18	34	1	7	336.47	26.59	35.24	20.23	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
16	OCS-1	OCS-4	OCS-8	OCN-4	OCN-13	OCN-18	OCN-23	OCN-26	OCN-32	LCE-2	LCE-16	LCE-18				37	1	7	340.43	30.15	72.04	49.74	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
17	OCS-1	OCS-4	OCS-8	OCN-5	OCN-21	OCN-40	LCE-10	LCE-18								32	1	8	314.78	22.61	58.89	40.31	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
18	OCS-1	OCS-4	OCS-8	OCN-5	OCN-22	OCN-25	OCN-28	OCN-30	OCN-38	LCE-8	LCE-12	LCE-14	LCE-16	LCE-18		29	1	6	322.1	27.27	33.66	19.63	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		

GT Gopher Tortoise
BB Black Bear
BO Burrowing Owl
WI White Ibis
IS Indigo Snake
SC Sand Hill Crane
WS Wood Stork
SJ Scrub Jay

Public Land includes State, County, and City owned Public Lands.
See Unique Segment Spreadsheets for breakdown of quantities.

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - COMPARISON OF SEGMENT COMBINATIONS

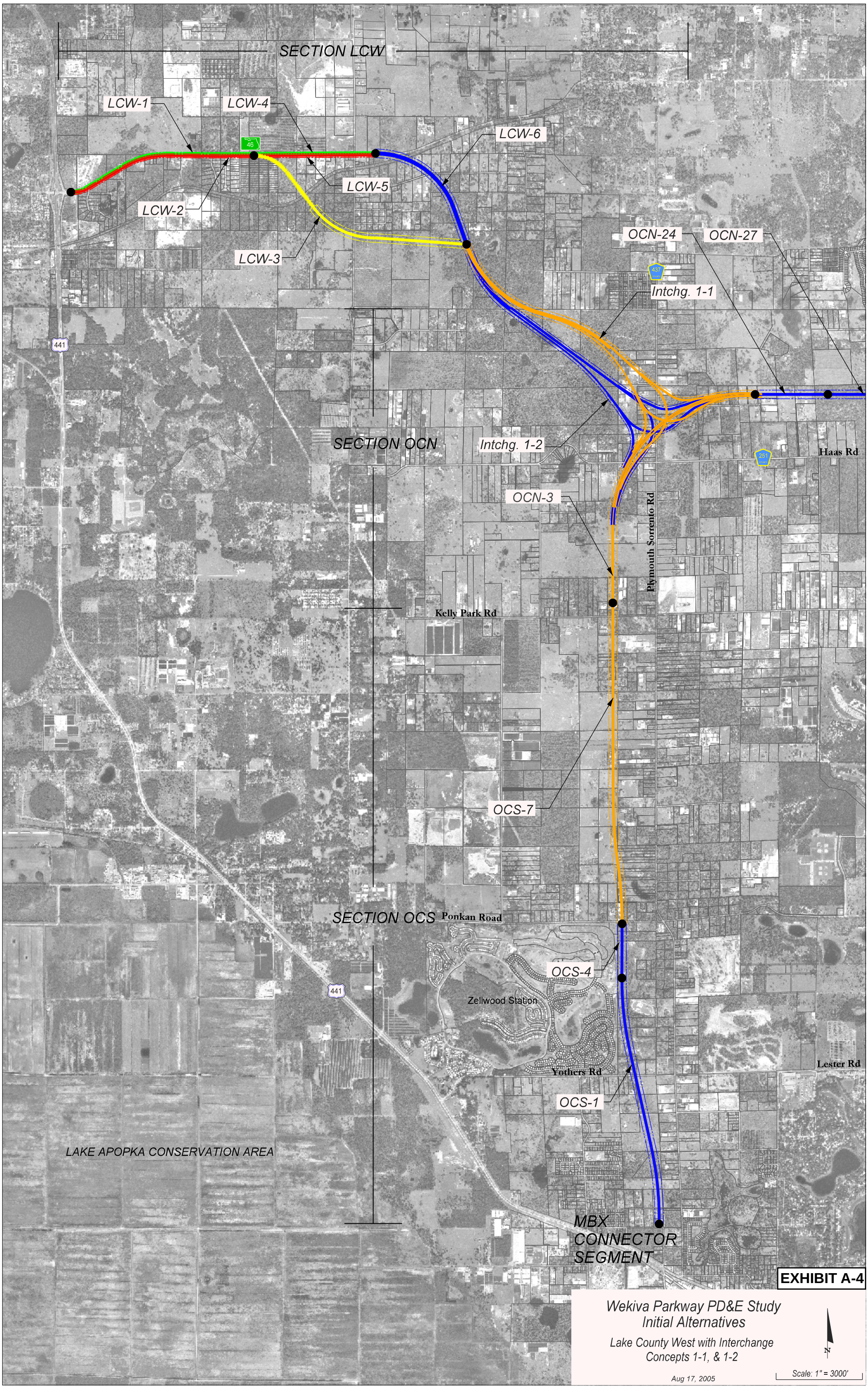
East of Plymouth-Sorrento Rd. (Orange Co. and a portion of east Lake Co.)

Segment Comb. #	Segments in Combination															Combined Displacements			Combined Area Impacts (acres)				Threaten./Endanger. Species (Probability)				Other		Notes
																Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	High	Moderate	Low	Unknown	Contamination		
	Segment Termination LCE-17																												
19	OCS-1	OCS-5	OCS-9	OCS-11	OCN-6	OCN-14	OCN-27	OCN-29	OCN-35	LCE-5	LCE-11	LCE-13	LCE-15	LCE-17		32	0	15	301.49	20.84	47.37	23.18	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
20	OCS-1	OCS-5	OCS-9	OCS-11	OCN-6	OCN-15	OCN-23	OCN-26	OCN-31	LCE-1	LCE-15	LCE-17				38	0	12	305.58	38.83	71.06	51.61	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
21	OCS-1	OCS-5	OCS-9	OCS-11	OCN-7	OCN-28	OCN-30	OCN-37	LCE-7	LCE-11	LCE-13	LCE-15	LCE-17			33	0	14	292.41	21.88	52.7	25.79	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
22	OCS-2	OCS-11	OCN-6	OCN-14	OCN-27	OCN-29	OCN-35	LCE-5	LCE-11	LCE-13	LCE-15	LCE-17				64 *	0	21	298.34	0	32.57	18.68	GT,BB,WI	IS,GT,BO,SC,WS					
23	OCS-2	OCS-11	OCN-6	OCN-15	OCN-23	OCN-26	OCN-31	LCE-1	LCE-15	LCE-17						70 *	0	18	302.43	17.99	56.26	47.11	GT,BB,WI	IS,GT,BO,SC,WS					
24	OCS-2	OCS-11	OCN-7	OCN-28	OCN-30	OCN-37	LCE-7	LCE-11	LCE-13	LCE-15	LCE-17					65 *	0	20	289.26	1.04	37.9	21.29	GT,BB,WI	IS,GT,BO,SC,WS					
25	OCS-1	OCS-5	OCS-10	OCS-12	OCN-8	OCN-16	OCN-29	OCN-35	LCE-5	LCE-11	LCE-13	LCE-15	LCE-17			67 *	0	13	292.13	20.84	47.37	22.49	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
26	OCS-1	OCS-5	OCS-10	OCS-12	OCN-8	OCN-17	OCN-26	OCN-31	LCE-1	LCE-15	LCE-17					73 *	0	12	296.61	35.48	67.71	45.88	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
27	OCS-1	OCS-5	OCS-10	OCS-12	OCN-9	OCN-30	OCN-37	LCE-7	LCE-11	LCE-13	LCE-15	LCE-17				72 *	0	13	285.62	20.86	52.7	25.79	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
28	OCS-3	OCS-12	OCN-8	OCN-16	OCN-29	OCN-35	LCE-5	LCE-11	LCE-13	LCE-15	LCE-17					109 *	0	10	289.22	9.37	43.05	19.89	GT,BB,WI	IS,GT,BO,SC,WS					NW Recreation Complex
29	OCS-3	OCS-12	OCN-8	OCN-17	OCN-26	OCN-31	LCE-1	LCE-15	LCE-17							115 *	0	9	293.7	24.01	63.39	43.28	GT,BB,WI	IS,GT,BO,SC,WS					NW Recreation Complex
30	OCS-3	OCS-12	OCN-9	OCN-30	OCN-37	LCE-7	LCE-11	LCE-13	LCE-15	LCE-17						114 *	0	10	282.71	9.39	48.38	23.19	GT,BB,WI	IS,GT,BO,SC,WS					NW Recreation Complex
	Segment Termination LCE-18																												
31	OCS-1	OCS-5	OCS-9	OCS-11	OCN-6	OCN-14	OCN-27	OCN-29	OCN-36	LCE-6	LCE-12	LCE-14	LCE-16	LCE-18		32	0	15	325.59	26.61	38.64	22.92	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
32	OCS-1	OCS-5	OCS-9	OCS-11	OCN-6	OCN-15	OCN-23	OCN-26	OCN-32	LCE-2	LCE-16	LCE-18				38	0	12	329.59	38.83	66.81	43.56	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
33	OCS-1	OCS-5	OCS-9	OCS-11	OCN-7	OCN-28	OCN-30	OCN-38	LCE-8	LCE-12	LCE-14	LCE-16	LCE-18			33	0	14	315.17	28.33	37.06	21.28	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
34	OCS-2	OCS-11	OCN-6	OCN-14	OCN-27	OCN-29	OCN-36	LCE-6	LCE-12	LCE-14	LCE-16	LCE-18				64 *	0	21	322.44	5.77	23.84	18.42	GT,BB,WI	IS,GT,BO,SC,WS					
35	OCS-2	OCS-11	OCN-6	OCN-15	OCN-23	OCN-26	OCN-32	LCE-2	LCE-16	LCE-18						70 *	0	18	326.44	17.99	52.01	39.06	GT,BB,WI	IS,GT,BO,SC,WS					
36	OCS-2	OCS-11	OCN-7	OCN-28	OCN-30	OCN-38	LCE-8	LCE-12	LCE-14	LCE-16	LCE-18					65 *	0	20	312.02	7.49	22.26	16.78	GT,BB,WI	IS,GT,BO,SC,WS					
37	OCS-1	OCS-5	OCS-10	OCS-12	OCN-8	OCN-16	OCN-29	OCN-36	LCE-6	LCE-12	LCE-14	LCE-16	LCE-18			67 *	0	13	316.23	26.61	38.64	22.23	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
38	OCS-1	OCS-5	OCS-10	OCS-12	OCN-8	OCN-17	OCN-26	OCN-32	LCE-2	LCE-16	LCE-18					73 *	0	12	320.62	35.48	63.46	37.83	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
39	OCS-1	OCS-5	OCS-10	OCS-12	OCN-9	OCN-30	OCN-38	LCE-8	LCE-12	LCE-14	LCE-16	LCE-18				72 *	0	13	308.38	27.31	37.06	21.28	GT,BB,WI	IS,GT,BO,SC,WS			Landfill		
40	OCS-3	OCS-12	OCN-8	OCN-16	OCN-29	OCN-36	LCE-6	LCE-12	LCE-14	LCE-16	LCE-18					109 *	0	10	313.32	15.14	34.32	19.63	GT,BB,WI	IS,GT,BO,SC,WS					NW Recreation Complex
41	OCS-3	OCS-12	OCN-8	OCN-17	OCN-26	OCN-32	LCE-2	LCE-16	LCE-18							115 *	0	9	317.71	24.01	59.14	35.23	GT,BB,WI	IS,GT,BO,SC,WS					NW Recreation Complex
42	OCS-3	OCS-12	OCN-9	OCN-30	OCN-38	LCE-8	LCE-12	LCE-14	LCE-16	LCE-18						114 *	0	10	305.47	15.84	32.74	18.68	GT,BB,WI	IS,GT,BO,SC,WS					NW Recreation Complex

*Residential includes homesites in the following platted developments:
OCS - 2 Wekiva Run (21);
OCS - 3 Wekiva Run (19), Arbor Ridge (35), Palmetto Ridge (19), & Oak Ridge (17);
OCS - 10 Oak Ridge (41).

Public Land includes State, County, and City owned Public Lands.
See Unique Segment Spreadsheets for breakdown of quantities.

GT Gopher Tortoise
BB Black Bear
BO Burrowing Owl
WI White Ibis
IS Indigo Snake
SC Sand Hill Crane
WS Wood Stork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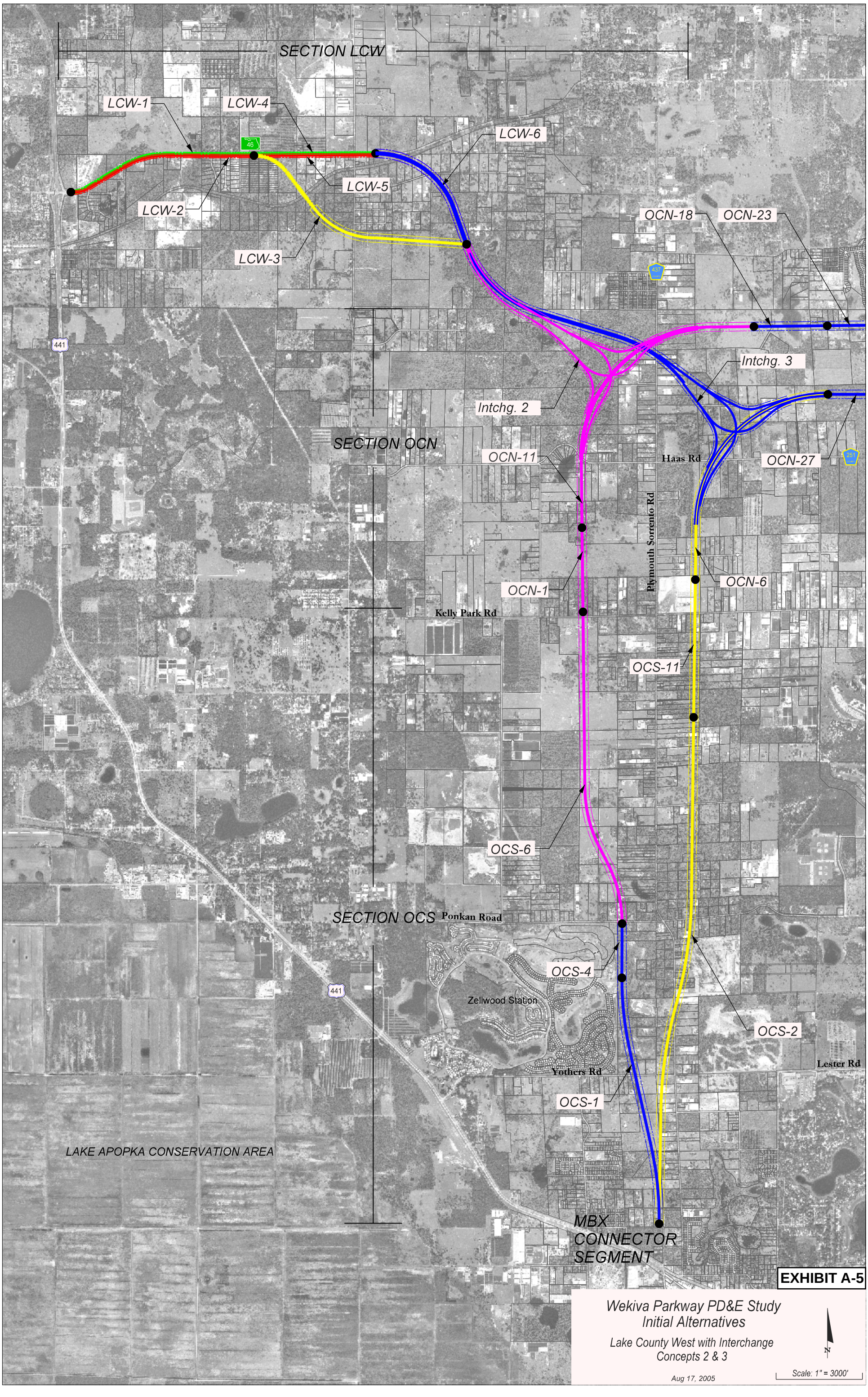
LCW-1
LCW-4
LCW-6
LCW-5
LCW-2
LCW-3
46
OCN-24
OCN-27
437
Intchg. 1-1
441
SECTION OCN
Intchg. 1-2
Haas Rd
251
OCN-3
Plymouth Sorrento Rd
Kelly Park Rd
OCS-7
SECTION OCS
Ponkan Road
OCS-4
441
Zellwood Station
Yothers Rd
Lester Rd
OCS-1
LAKE APOPKA CONSERVATION AREA
MBX
CONNECTOR
SEGMENT
EXHIBIT A-4
Wekiva Parkway PD&E Study
Initial Alternatives
Lake County West with Interchange
Concepts 1-1, & 1-2
N
Aug 17, 2005
Scale: 1" = 3000'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LCW-1
LCW-4
LCW-6
LCW-5
LCW-2
LCW-3
OCN-18
OCN-23
Intchg. 3
Intchg. 2
SECTION OCN
OCN-11
Haas Rd
OCN-27
Plymouth Sorrento Rd
OCN-1
OCN-6
Kelly Park Rd
OCS-11
OCS-6
SECTION OCS
Ponkan Road
OCS-4
Zellwood Station
OCS-2
Lester Rd
Yothers Rd
OCS-1
LAKE APOPKA CONSERVATION AREA
MBX
CONNECTOR
SEGMENT
441
46
437
251
EXHIBIT A-5
Wekiva Parkway PD&E Study
Initial Alternatives
Lake County West with Interchange
Concepts 2 & 3
Aug 17, 2005
Scale: 1" = 3000'
N

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - UNIQUE SEGMENTS

Lake County West

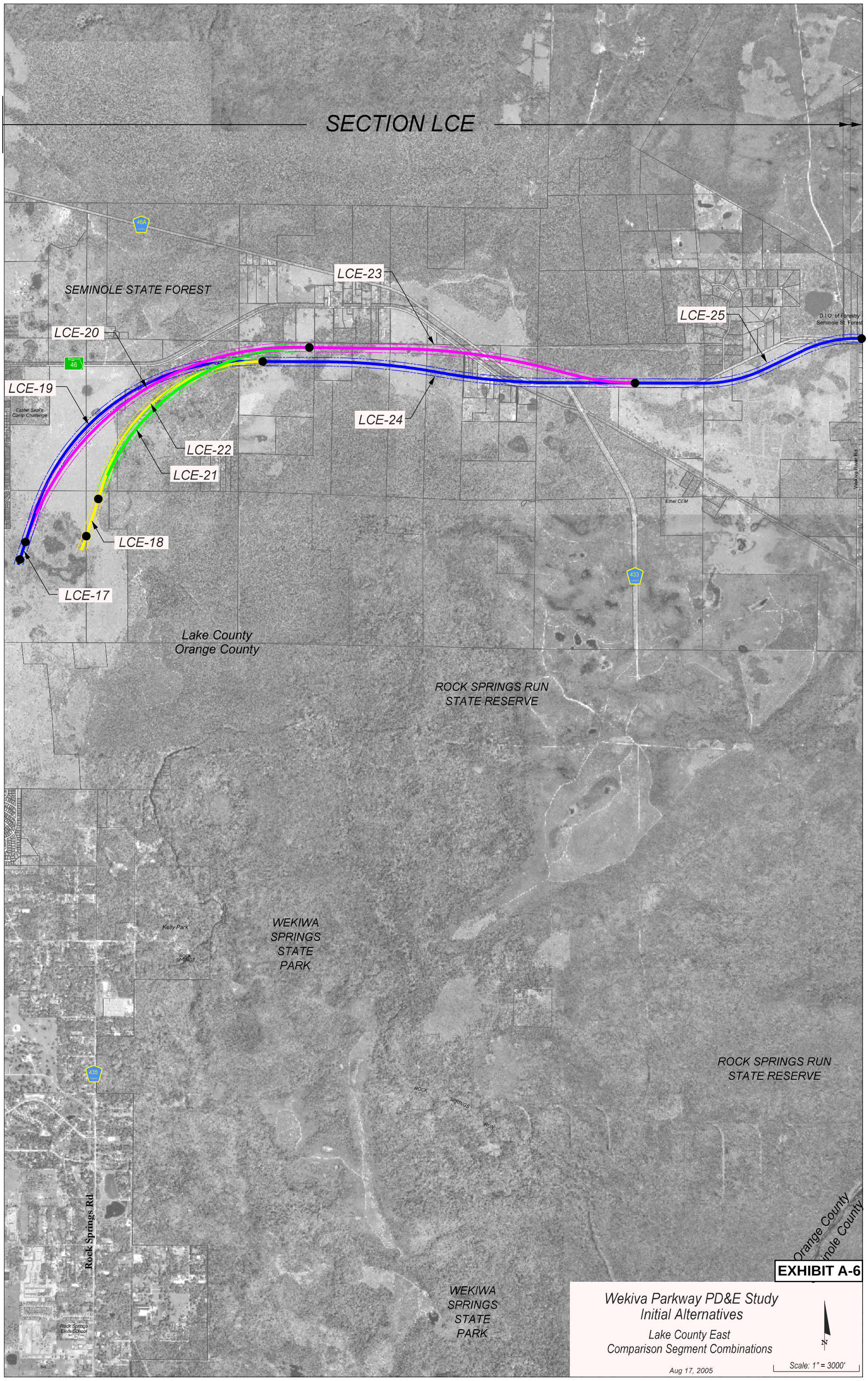
Segment	Displacements			Area Impacts (acres)				Threatened/Endangered Species (Probability): Observed=High(H); Likely=Moderate(M); Possible=Low(L); Unknown(U)										Other		Notes
	Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	Black Bear	Gopher Tort	Scrub Jay	Burrow Owl	Sd Hill Crane	Wood Stork	Indigo Snake	White Ibis	Fox Squirrel	Other	Contamination	P/U Farmlands	
LCW-1	1	0	0	19.31	0	11.75	1.98					H								
LCW-2	5	1	0	19.03	0	12.06	0.02					M								
LCW-3	0	0	0	71.17	9.92	1.62	1.19												11.28 ac	
LCW-4	1	0	0	11.32	0	0	0												3.23 ac	
LCW-5	1	3	0	11.32	0	0	0													
LCW-6	7	0	0	33.54	0	1.49	1.06													

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - COMPARISON OF SEGMENT COMBINATIONS

Lake County West

Segment Comb. #	Segments in Combination														Combined Displacements			Combined Area Impacts (acres)				Threaten./Endanger. Species (Probability)				Other		Notes
															Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	High	Moderate	Low	Unknown			
	Segment Termination LCW-6																												
1	LCW-1	LCW-4	LCW-6												9	0	6	64.17	0	13.24	3.04								
2	LCW-2	LCW-5	LCW-6												13	4	0	63.89	0	13.55	1.08								
	Segment Termination LCW-3																												
3	LCW-2	LCW-3													5	1	0	44.26	9.92	12.06	0.02								


SECTION LCE
SEMINOLE STATE FOREST
LCE-23
LCE-25
LCE-20
LCE-19
LCE-24
LCE-22
LCE-21
LCE-18
LCE-17
Easter Seal's Camp Challenge
D.I.O. of Forestry Seminole St. Forest
Ethel CEM
Wekiva River Rd
Lake County
Orange County
ROCK SPRINGS RUN STATE RESERVE
WEKIWA SPRINGS STATE PARK
Kelly Park
ROCK SPRINGS
ROCK SPRINGS RUN STATE RESERVE
ROCK SPRINGS RUN
Rock Springs Rd
Rock Springs Elem School
WEKIWA SPRINGS STATE PARK
Orange County
Seminole County
EXHIBIT A-6
Wekiva Parkway PD&E Study
Initial Alternatives
Lake County East
Comparison Segment Combinations
Aug 17, 2005
N
Scale: 1" = 3000'

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - UNIQUE SEGMENTS

Lake County East

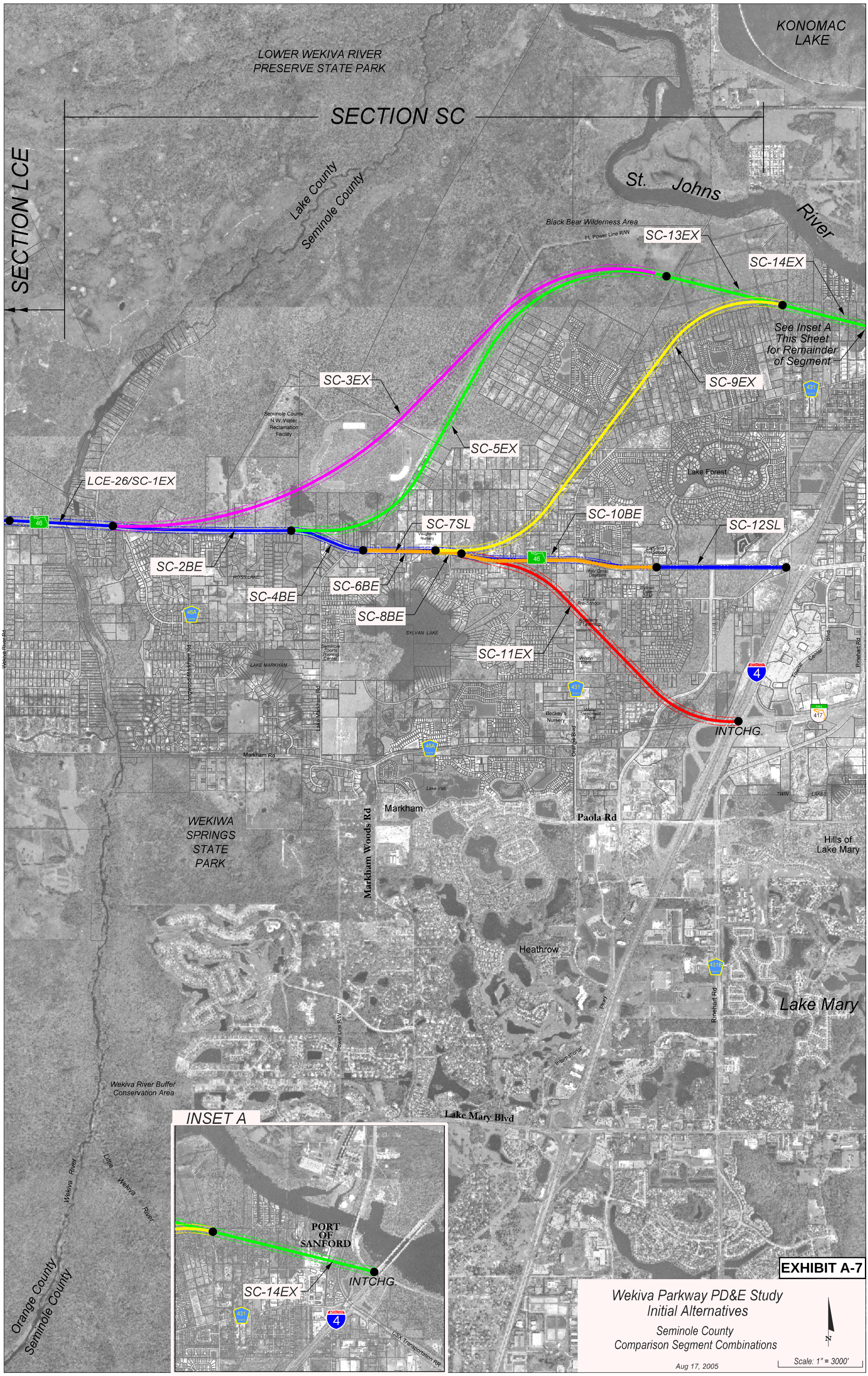
	Displacements			Area Impacts (acres)				Threatened/Endangered Species (Probability): Observed=High(H); Likely=Moderate(M); Possible=Low(L); Unknown(U)										Other		
Segment	Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	Black Bear	Gopher Tort	Scrub Jay	Burrow Owl	Sd Hill Crane	Wood Stork	Indigo Snake	White Ibis	Fox Squirrel	Other			Notes
LCE - 1	0	0	0	19.57	0.00	13.85	12.86	H	M	No Habitat	M	M	M	M	M					
LCE - 2	0	0	0	25.24	0.00	8.50	7.00	H	M		M	M	M	M	M					
LCE - 3	0	0	0	16.27	0.00	10.66	7.30	H	M		M	M	M	M	M					
LCE - 4	0	0	0	23.01	0.00	7.60	5.98	H	M		M	M	M	M	M					
LCE - 5	0	0	0	5.28	0.00	2.24	1.33	H	M		M	M	M	M	M					
LCE - 6	0	0	0	9.44	0.00	0.95	1.48	H	M		M	M	M	M	M					
LCE - 7	0	0	0	5.42	0.00	2.63	1.44	H	M		M	M	M	M	M					
LCE - 8	0	0	0	9.92	0.00	0.89	1.90	H	M		M	M	M	M	M					
LCE - 9	0	0	0	25.20	0.00	19.15	20.47	H	M		M	M	M	M	H					
LCE - 10	0	0	0	40.58	0.00	29.75	25.17	H	M		M	M	M	M	H					
LCE - 11	0	0	0	8.96	0.00	4.17	3.98	H	M		M	M	M	M	H					
LCE - 12	0	0	0	9.02	0.00	8.50	6.60	H	M		M	M	M	M	H					
LCE - 13	0	0	0	1.32	0.00	1.32	1.32	H	M		M	M	M	M	H					
LCE - 14	0	0	0	1.10	0.00	1.10	1.10	H	M		M	M	M	M	H					
LCE - 15	0	0	0	5.40	0.00	5.40	5.40	H	M		M	M	M	M	H					
LCE - 16	0	0	0	7.42	0.00	5.14	4.43	H	M		M	M	M	M	H					
LCE - 17	0	0	0	4.42	0.00	4.42	4.42	H	M		M	M	M	M	H					
LCE - 18	0	0	0	9.40	0.00	0.13	0.00	H	M		M	M	M	M	M					
LCE - 19	0	0	0	78.34	27.48	21.40	11.47	H	H		H	M	M	M	M					
LCE - 20	0	0	0	89.09	30.06	22.85	12.29	H	H		H	M	M	M	M					
LCE - 21	0	0	0	66.94	38.46	21.32	15.15	H	H			H	L	M						
LCE - 22	0	0	0	55.85	37.10	16.35	11.56	H	H			H	L	M						
LCE - 23	0	0	1	79.15	39.43	4.32	12.43	H	H			M		M						
LCE - 24	3	0	0	89.93	28.06	11.90	7.72	H				H				H				
LCE - 25	0	0	0	50.20	44.49	9.50	2.27	H												
LCE - 26	0	0	0	6.90	6.96	1.32	2.37	H												

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - COMPARISON OF SEGMENT COMBINATIONS

Lake County East

Segment Comb. #	Segments in Combination														Combined Displacements			Combined Area Impacts (acres)				Threaten./Endanger. Species (Probability)				Other		Notes
															Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	High	Moderate	Low	Unknown			
	Segment Termination LCE-25																												
1	LCE-19	LCE-24	LCE-25	LCE-26											3	0	0	225.37	106.99	44.12	23.83	BB,GT,BO,SC,FS	SC,WS,IS,WI					
2	LCE-20	LCE-23	LCE-25	LCE-26											0	0	1	225.34	120.94	37.99	29.36	BB,GT,BO	SC,WS,IS,WI					
3	LCE-21	LCE-23	LCE-25	LCE-26											0	0	1	203.19	129.34	36.46	32.22	BB,GT,SC	IS,SC	WS				
4	LCE-22	LCE-24	LCE-25	LCE-26											3	0	0	202.88	116.61	39.07	23.92	BB,GT,SC,FS	IS	WS				
																						BB Black Bear						
																						GT Gopher Tortoise						
																						BO Burrowing Owl						
																						SC Sand Hill Crane						
																						FS Fox Squirrel						
																						WS Wood Stork						
	Note: Segments LCE-1 through LCE-18 are included in Orange County segment combinations.																					IS Indigo Snake						
																						WI White Ibis						


KONOMAC LAKE
LOWER WEKIVA RIVER PRESERVE STATE PARK
SECTION SC
SECTION LCE
Lake County
Seminole County
St. Johns River
Black Bear Wilderness Area
FL Power Line R/W
SC-13EX
SC-14EX
See Inset A This Sheet for Remainder of Segment
SC-9EX
SC-3EX
SC-5EX
Seminole County N.W. Water Reclamation Facility
LCE-26/SC-1EX
Lake Forest
SC-10BE
SC-7SL
SC-12SL
SC-2BE
SC-4BE
SC-6BE
SC-8BE
SC-11EX
ROSS LAKE
SYLVAN LAKE
LAKE MARKHAM
Wekiva River Rd
Longwood-Markham Rd
Lake Markham Rd
Markham Rd
Orange Blvd
Rinehart Rd
Town Center Blvd
INTCHG.
Markham
Paola Rd
Markham Woods Rd
WEKIWA SPRINGS STATE PARK
Hills of Lake Mary
Heathrow
Lake Mary
Power Line R/W
International Pkwy
Wekiva River Buffer Conservation Area
Lake Mary Blvd
Wekiva River
Little Wekiva River
Orange County
Seminole County
INSET A
PORT OF SANFORD
SC-14EX
INTCHG.
CSX Transportation RR
EXHIBIT A-7
Wekiva Parkway PD&E Study
Initial Alternatives
Seminole County
Comparison Segment Combinations
Aug 17, 2005
Scale: 1" = 3000'

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - UNIQUE SEGMENTS

Seminole County

Segment	Displacements			Area Impacts (acres)				Threatened/Endangered Species (Probability): Observed=High(H); Likely=Moderate(M); Possible=Low(L); Unknown(U)										Other		Notes
	Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	Black Bear	Gopher Tort	Scrub Jay	Burrow Owl	Sd Hill Crane	Wood Stork	Indigo Snake	White Ibis	Fox Squirrel	Other	Contamination	County Facility	
LCE-26/SC-1EX	0	0	0	16.7	4.24	4.3	3.7													
SC-2BE	0	0	0	3.1	1.81	0	0													
SC-3EX	0	0	0	148.89	42.78	38.06	77.1												Water Reclaim. & Future Elem. School	
SC-4BE	0	0	0	1.88	0	0.4	0													
SC-5EX	1	0	1	112.81	31.63	47.89	54.71													
SC-6BE	2	0	1	3.15	0	0.21	0													
SC-7SL	0	0	0	0	0	0	0													
SC-8BE	1	0	0	1.37	0	0	0													
SC-9EX	29	1	0	107.58	19.97	27.06	34.14													
SC-10BE	1	4	1	6.83	0	0	0													
SC-11EX	14	3	1	74.14	0	9.12	5.49													
SC-12SL	0	0	0	0	0	0	0													
SC-13EX	0	0	0	32.09	26.33	32.09	32.09	H*												*Black Bear Wilderness Area
SC-14EX	0	1	0	40.34	0.77	40.34	29.57											Port (Low Risk)		

EX Expressway

BE Bantam Expressway

SL Six Lane Divided

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - COMPARISON OF SEGMENT COMBINATIONS

Seminole County

Segment Comb. #	Segments in Combination														Combined Displacements			Combined Area Impacts (acres)				Threaten./Endanger. Species (Probability)				Other		Notes
															Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	High	Moderate	Low	Unknown	Contamination	County Facility	
	Segment Termination SC-14EX																												
1	SC-1EX	SC-2BE	SC-4BE	SC-6BE	SC-9EX	SC-14EX									31	2	1	172.75	26.79	72.31	67.41					Port (Low Risk)		
2	SC-1EX	SC-2BE	SC-5EX	SC-13EX	SC-14EX										1	1	1	205.04	64.78	124.62	120.07	Black Bear				Port (Low Risk)		
3	SC-1EX	SC-3EX	SC-13EX	SC-14EX											0	1	0	238.02	74.12	114.79	142.46	Black Bear				Port (Low Risk)	Water Reclaim. & Future Elem. School	
	Segment Termination SC-12SL																												
4	SC-1EX	SC-2BE	SC-4BE	SC-6BE	SC-8BE	SC-10BE	SC-12SL								4	4	1	33.03	6.05	4.91	3.7								
5	SC-1EX	SC-2BE	SC-4BE	SC-7SL	SC-12SL										0	0	0	21.68	6.05	4.7	3.7								
	Segment Termination SC-11EX																												
6	SC-1EX	SC-2BE	SC-4BE	SC-6BE	SC-8BE	SC-11EX									17	3	1	100.34	74.14	14.03	9.19								

EX Expressway

BE Bantam Expressway

SL Six Lane Divided

APPENDIX B

NOVEMBER 2005 PUBLIC WORKSHOPS
INITIAL ALTERNATIVES EXHIBITS
AND
IMPACT ANALYSIS SPREADSHEETS

CONTENTS:

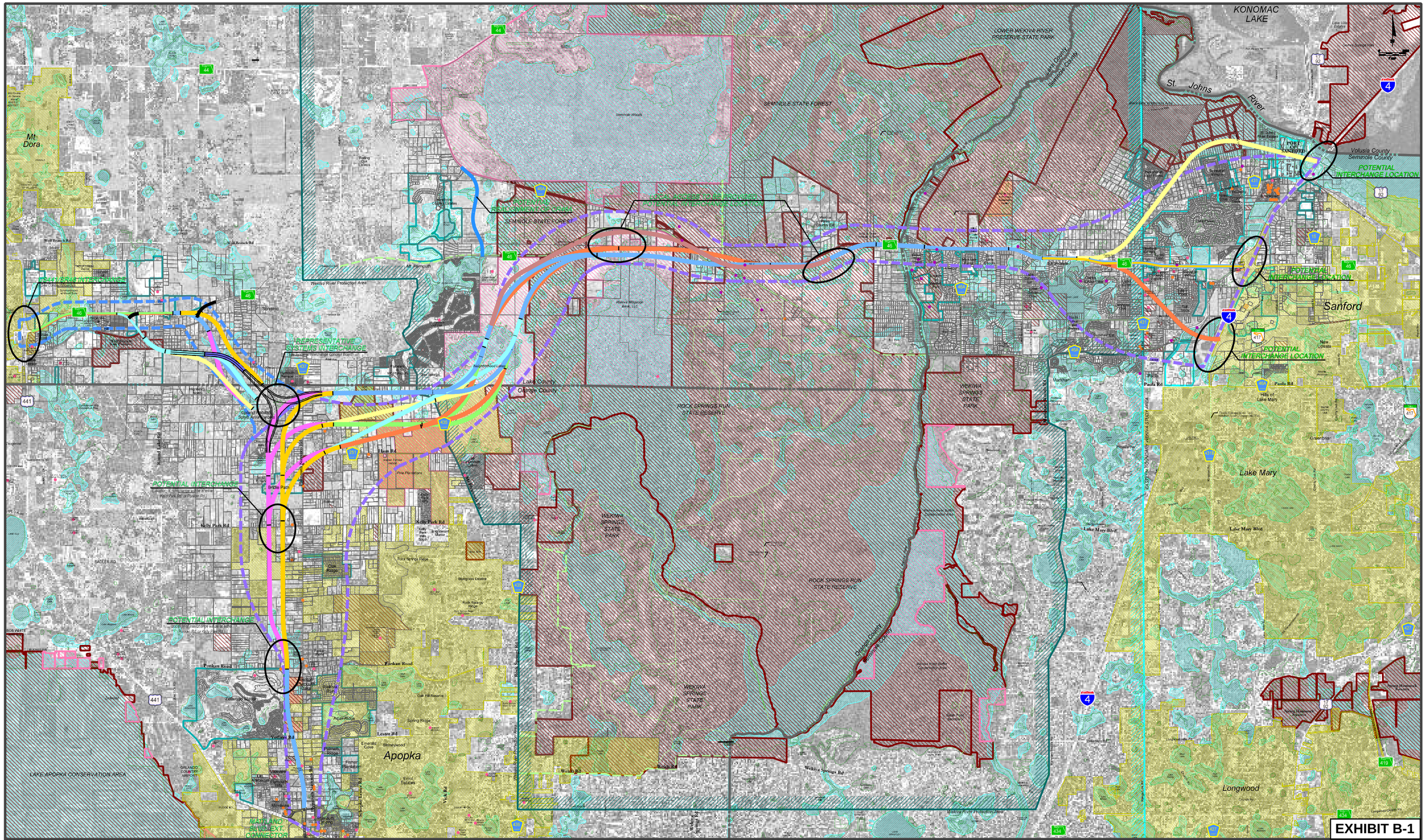
Exhibit B-1 Overall Initial Alternatives/November 2005 Public Workshops

Exhibit B-2 Orange County Initial Alternatives/November 2005 Public Workshops
Impact Analysis Spreadsheets for Orange County Initial Alternatives

Exhibit B-3 Lake County West Initial Alternatives/November 2005 Public Workshops
Impact Analysis Spreadsheets for Lake County West Initial Alternatives

Exhibit B-4 Lake County East Initial Alternatives/November 2005 Public Workshops
Impact Analysis Spreadsheets for Lake County East Initial Alternatives

Exhibit B-5 Seminole County Initial Alternatives/November 2005 Public Workshops
Impact Analysis Spreadsheets for Seminole County Initial Alternatives



LEGEND

- POTENTIAL SCRUB JAY AREA
- POTENTIAL CONTAMINATION SITE
- COMMUNITY FACILITY SITE
- ARCHAEOLOGICAL SITE
- HISTORICAL SITE
- CITY BOUNDARY
- EXISTING TRAIL
- FUTURE TRAIL
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- FLOOD PLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- EXISTING SR 46 ROADWAY ALIGNMENT
- POTENTIAL PUBLIC LAND ACQUISITION
- WEKIWA PKWY. CORRIDOR BOUNDARY
- SR 46 BYPASS CORRIDOR BOUNDARY

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

CH2MHILL
225 E. Robinson Street, Suite 505
Orlando, FL 32801-4321
Tel 407.423.0030
Cert. of Authorization No. 000072

WEKIWA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

Conceptual Project Layout
Orange, Lake & Seminole Counties

DATE: NOV. 09, 2005 1"=2000'

SHEET NO. 1

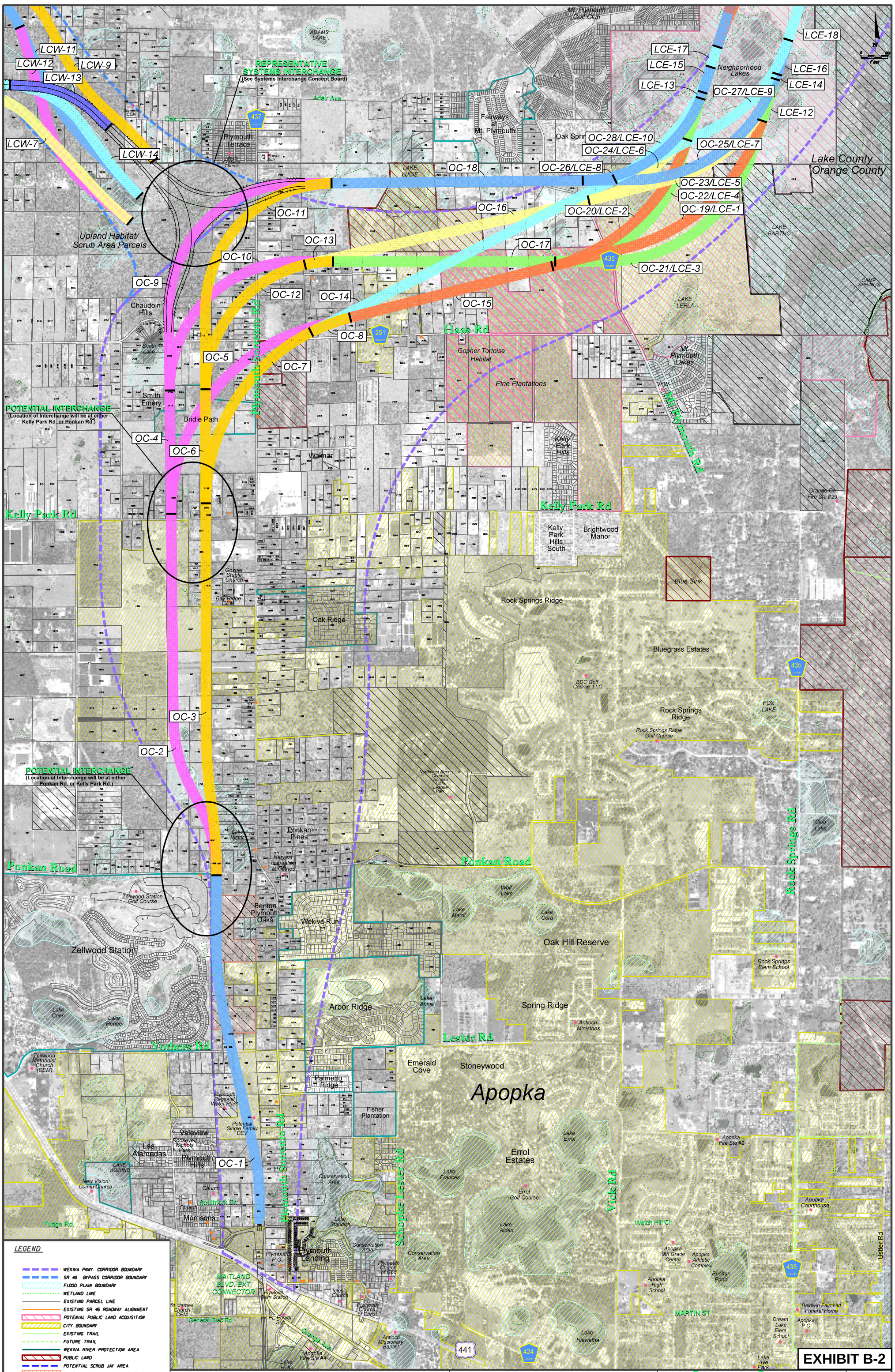


EXHIBIT B-2

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

CH2MHILL
225 E. Robinson Street, Suite 505
Orlando, FL 32801-4321
Tel 407.423.0030
Florida License No. 000072

WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

ORANGE COUNTY
Conceptual Alignment Alternatives
DATE: NOV. 09, 2005 1"= 800'

SHEET NO. 2

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - UNIQUE SEGMENTS

Orange County

	Displacements			Area Impacts (acres)				Threatened/Endangered Species (Probability): Observed=High(H); Likely=Moderate(M); Possible=Low(L); Unknown(U)										Other		
Segment	Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	Black Bear	Gopher Tort	Scrub Jay	Burrow Owl	Sd Hill Crane	Wood Stork	Indigo Snake	White Ibis	Fox Squirrel	Other	Contamination		Notes
OC - 1	7	0	1	71.44	20.82 *	0	1.62											Landfill		
OC-2	6	0	1	76.20	0.00	19.56	1.78													
OC-3	10	0	2	76.88	0	10.55	0.37													
OC-4	2	0	0	25.46	0	0	2.29													
OC-5	4	0	0	60.02	0	0	0													
OC-6	1	0	0	23.53	0	0	0													
OC-7	3	0	1	43.66	0	0	0													
OC-8	1	0	0	8.62	0	0	0													
OC-9	5	0	0	64.96	0	0	4.41													
OC-10	10	0	0	49.01	0	0	0.01													
OC-11	5	0	3	57.27	0	0	5.72													
OC-12	10	0	0	35.54	0	0	0.20													
OC-13	1	0	0	5.84	0	0	0													
OC-14	6	0	2	70.21	2.38 **	10.85	5.84													
OC-15	2	0	1	43.07	0	1.97	0.35		H					M						
OC-16	2	0	2	60.07	24.92 **	3.41	0				H									
OC-17	4	0	1	45.87	0	2.41	0.46		H					M						
OC-18	5	0	0	51.86	9.33 **	28.03	14.99													
OC-19	0	0	0	45.88	6.45 ***	4.53	2.75	H	H	No Habitat	M			M	M					
OC-20	0	0	0	34.46	0	16.79	4.73	H	H		M			M	M					
OC-21	0	0	0	48.20	5.77 ***	5.61	3.66	H	H		M			M	M					
OC-22	0	0	0	35.10	0	12.42	1.08	H	H		M			M	M					
OC-23	0	0	0	25.67	0.13 ***	16.38	8.25	H	H		M			M	H					
OC-24	0	0	0	16.45	0	16.23	8.67	H	H		M			M	H					
OC-25	0	0	0	24.60	0	14.81	16.49	H	H		M			M	H					
OC-26	0	0	0	13.26	0	11.22	13.26	H	H		M			M	H					
OC-27	0	0	0	6.86	0	6.86	6.86	H	H		M			M	H					
OC-28	0	0	0	6.06	0	6.06	6.06	H	H		M			M	H					

* OC Landfill Parcels

** OC Conservation Land

*** Rock Springs Run State Reserve

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - UNIQUE SEGMENTS

Lake County East (Partial - Includes only those segments just north of the Orange-Lake Co. Line)

	Displacements			Area Impacts (acres)				Threatened/Endangered Species (Probability): Observed=High(H); Likely=Moderate(M); Possible=Low(L); Unknown(U)										Other		
Segment	Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	Black Bear	Gopher Tort	Scrub Jay	Burrow Owl	Sd Hill Crane	Wood Stork	Indigo Snake	White Ibis	Fox Squirrel	Other			Notes
LCE - 1	0	0	0	9.92	0.00	0.89	1.90	H	M	No Habitat	M	M	M	M	M					
LCE - 2	0	0	0	5.42	0.00	2.63	1.44	H	M		M	M	M	M	M					
LCE - 3	0	0	0	9.44	0.00	0.95	1.48	H	M		M	M	M	M	M					
LCE - 4	0	0	0	5.28	0.00	2.24	1.33	H	M		M	M	M	M	M					
LCE - 5	0	0	0	23.01	0.00	7.60	5.98	H	M		M	M	M	M	M					
LCE - 6	0	0	0	16.27	0.00	9.12	6.97	H	M		M	M	M	M	M					
LCE - 7	0	0	0	25.24	0.00	8.50	7.00	H	M		M	M	M	M	M					
LCE - 8	0	0	0	19.57	0.00	13.49	12.87	H	M		M	M	M	M	M					
LCE - 9	0	0	0	40.58	0.00	28.93	25.17	H	M		M	M	M	M	H					
LCE - 10	0	0	0	25.20	0.00	19.15	20.47	H	M		M	M	M	M	H					
LCE - 11	0	0	0	8.96	0.00	4.17	3.98	H	M		M	M	M	M	H					
LCE - 12	0	0	0	9.02	0.00	8.50	6.60	H	M		M	M	M	M	H					
LCE - 13	0	0	0	1.32	0.00	1.32	1.32	H	M		M	M	M	M	H					
LCE - 14	0	0	0	1.10	0.00	1.10	1.10	H	M		M	M	M	M	H					
LCE - 15	0	0	0	5.40	0.00	5.40	5.40	H	M		M	M	M	M	H					
LCE - 16	0	0	0	7.42	0.00	5.14	4.43	H	M		M	M	M	M	H					
LCE - 17	0	0	0	4.42	0.00	4.42	4.42	H	M		M	M	M	M	H					
LCE - 18	0	0	0	9.40	0.00	0.13	0.00	H	M		M	M	M	M	M					

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - COMPARISON OF SEGMENT COMBINATIONS

Orange County (Including portions of Lake County East)

Segment Comb. #	Segments in Combination												Combined Displacements			Combined Area Impacts (acres)				Threaten./Endanger. Species (Probability)				Other		Notes
													Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	High	Moderate	Low	Unknown	Contamination		
	Segment Termination LCE-17																									
1	OC-1	OC-2	OC-4	OC-9	OC-18	OC-26	LCE-8	LCE-15	LCE-17				25	0	2	332.57	30.15	82.12	61.04	GT, BB, WI	IS, BO, SC, WS			Landfill		
2	OC-1	OC-2	OC-4	OC-10	OC-17	OC-22	LCE-4	LCE-11	LCE-13	LCE-15	LCE-17		29	0	3	328.46	20.82	51.94	23.69	GT, BB, WI	IS, BO, SC, WS			Landfill		
3	OC-1	OC-2	OC-5	OC-15	OC-20	LCE-2	LCE-11	LCE-13	LCE-15	LCE-17			19	0	3	310.71	20.82	56.26	25.04	GT, BB, WI	IS, BO, SC, WS			Landfill		
4	OC-1	OC-3	OC-6	OC-11	OC-18	OC-26	LCE-8	LCE-15	LCE-17				28	0	6	323.63	30.15	73.11	58.65	GT, BB, WI	IS, BO, SC, WS			Landfill		
5	OC-1	OC-3	OC-6	OC-12	OC-16	OC-24	LCE-6	LCE-13	LCE-15	LCE-17			30	0	5	311.32	45.74	50.45	28.97	GT, BB, WI, BO	IS, SC, WS			Landfill		
6	OC-1	OC-3	OC-6	OC-12	OC-13	OC-17	OC-22	LCE-4	LCE-11	LCE-13	LCE-15	LCE-17	33	0	4	319.58	20.82	42.93	20.18	GT, BB, WI	IS, BO, SC, WS			Landfill		
7	OC-1	OC-3	OC-7	OC-8	OC-15	OC-20	LCE-2	LCE-11	LCE-13	LCE-15	LCE-17		23	0	5	303.65	20.82	47.25	23.63	GT, BB, WI	IS, BO, SC, WS			Landfill		
8	OC-1	OC-3	OC-7	OC-14	OC-28	LCE-10	LCE-17						26	0	6	297.87	23.2	51.03	38.78	GT, BB, WI	IS, BO, SC, WS			Landfill		
	Segment Termination LCE-18																									
9	OC-1	OC-2	OC-4	OC-9	OC-18	OC-25	LCE-7	LCE-16	LCE-18				25	0	2	356.58	30.15	76.17	53.01	GT, BB, WI	IS, BO, SC, WS			Landfill		
10	OC-1	OC-2	OC-4	OC-10	OC-17	OC-21	LCE-3	LCE-12	LCE-14	LCE-16	LCE-18		29	0	3	352.56	26.59	43.4	23.43	GT, BB, WI	IS, BO, SC, WS			Landfill		
11	OC-1	OC-2	OC-5	OC-15	OC-19	LCE-1	LCE-12	LCE-14	LCE-16	LCE-18			19	0	3	333.47	27.27	41.82	20.53	GT, BB, WI	IS, BO, SC, WS			Landfill		
12	OC-1	OC-3	OC-6	OC-11	OC-18	OC-25	LCE-7	LCE-16	LCE-18				28	0	6	347.64	30.15	67.16	50.62	GT, BB, WI	IS, BO, SC, WS			Landfill		
13	OC-1	OC-3	OC-6	OC-12	OC-16	OC-23	LCE-5	LCE-14	LCE-16	LCE-18			30	0	5	334.06	45.87	44.31	21.95	GT, BB, BO	IS, SC, WS			Landfill		
14	OC-1	OC-3	OC-6	OC-12	OC-13	OC-17	OC-21	LCE-3	LCE-12	LCE-14	LCE-16	LCE-18	33	0	4	343.68	26.59	34.39	19.92	GT, BB, WI	IS, BO, SC, WS			Landfill		
15	OC-1	OC-3	OC-7	OC-8	OC-15	OC-19	LCE-1	LCE-12	LCE-16	LCE-18			23	0	5	325.31	27.27	31.71	18.02	GT, BB, WI	IS, BO, SC, WS			Landfill		
16	OC-1	OC-3	OC-7	OC-14	OC-27	LCE-9	LCE-18						26	0	6	319.03	23.2	57.32	39.86	GT, BB, WI	IS, BO, SC, WS			Landfill		

Public Lands Note: All segment combinations include 20.82 acres of former landfill acreage owned by Orange County BCC.

BB Black Bear
GT Gopher Tortoise
BO Burrowing Owl
SC Sand Hill Crane
FS Fox Squirrel
WS Wood Stork
IS Indigo Snake
WI White Ibis
SJ Scrub Jay

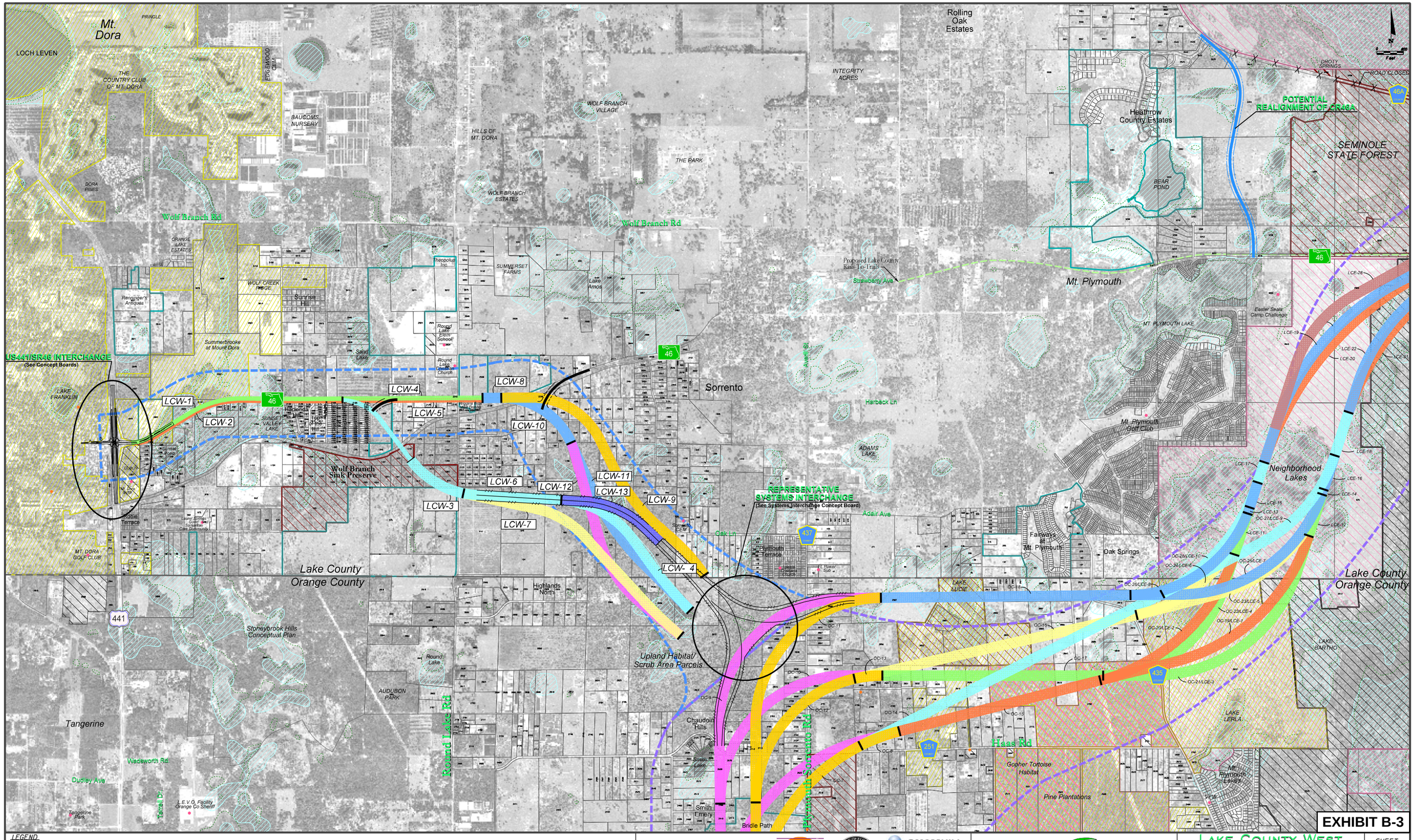


EXHIBIT B-3

LEGEND

- POTENTIAL SCRUB JAY AREA
- POTENTIAL CONTAMINATION SITE
- COMMUNITY FACILITY SITE
- ARCHAEOLOGICAL SITE
- HISTORICAL SITE
- CITY BOUNDARY
- EXISTING TRAIL
- FUTURE TRAIL
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- FLOOD PLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- EXISTING SR 46 ROADWAY ALIGNMENT
- POTENIAL PUBLIC LAND ACQUISITION
- WEKIVA PKWY. CORRIDOR BOUNDARY
- SR 46 BYPASS CORRIDOR BOUNDARY

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

CH2MHILL
225 E. Robinson Street, Suite 505
Orlando, FL 32801-4321
Tel 407.423.0030
Cert. of Authorization No. 000072

WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

LAKE COUNTY WEST
Conceptual Alignment Alternatives
DATE: NOV. 09, 2005 1"=800'

SHEET NO. 3

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - UNIQUE SEGMENTS

Lake County West

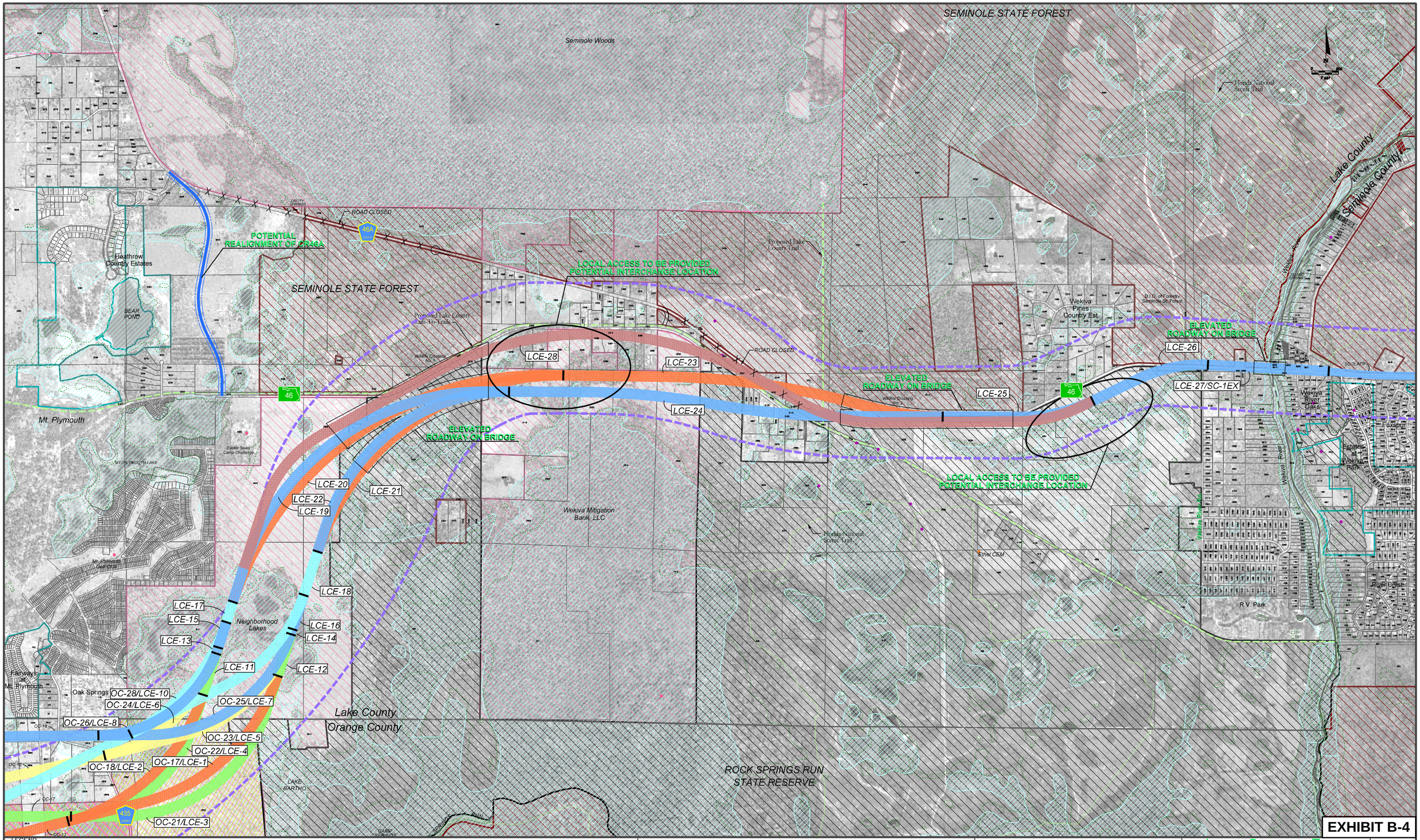
Segment	Displacements			Area Impacts (acres)				Threatened/Endangered Species (Probability): Observed=High(H); Likely=Moderate(M); Possible=Low(L); Unknown(U)										Other		Notes
	Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	Black Bear	Gopher Tort	Scrub Jay	Burrow Owl	Sd Hill Crane	Wood Stork	Indigo Snake	White Ibis	Fox Squirrel	Other	Contamination	P&U Farm	
LCW-1	1	0	0	9.21	0	11.75	1.98					H								
LCW-2	5	1	0	9.21	0	12.06	0.02					M								
LCW-3	0	0	0	21.46	9.92 *	0	0													
LCW-4	1	0	0	5.82	0	0	0												4.12	Orange Groves
LCW-5	1	3	0	5.82	0	0	0													
LCW-6	0	0	0	20.42	0	0	0												11.28	Orange Groves
LCW-7	0	0	0	55.93	0	0	1.37												12.96	Orange Groves
LCW-8	2	0	0	3.88	0	0	0													
LCW-9	8	0	1	59.77	0	2.33	0		H					M						
LCW-10	0	0	0	18.26	0	0	0													
LCW-11	0	0	0	43.22	0	8.17	4.53		M					M						
LCW-12	0	0	0	47.62	0	12.30	1.46													
LCW-13	0	0	0	35.20	0	6.26	3.53		H					M						
LCW-14	0	0	0	36.50	0	19.55	4.74		M					M						
				*	Wolf Branch Sink Preserve															

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - COMPARISON OF SEGMENT COMBINATIONS

Lake County West

Segment Comb. #	Segments in Combination														Combined Displacements			Combined Area Impacts (acres)				Threaten./Endanger. Species (Probability)				Other		Notes	
															Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	High	Moderate	Low	Unknown	P&U Farmlands			
	Northern Segment Termination																													
1	LCW-1	LCW-4	LCW-8	LCW-9											12	0	1	78.68	0	14.08	1.98	SC, GT, IS				4.12			
2	LCW-2	LCW-3	LCW-6	LCW-13											5	1	0	86.29	9.92 *	18.32	3.55		SC			11.28			
3	LCW-2	LCW-5	LCW-8	LCW-9											16	4	1	78.68	0	14.39	0.02	GT, IS	SC						
4	LCW-1	LCW-3	LCW-6	LCW-13											1	0	0	86.29	9.92 *	18.01	5.51	SC, GT, IS				11.28			
	Mid Segment Termination																													
5	LCW-1	LCW-4	LCW-8	LCW-10	LCW-11										4	0	0	80.39	0	19.92	6.51	SC	GT, IS			4.12			
6	LCW-2	LCW-3	LCW-6	LCW-14											5	1	0	87.59	9.92 *	31.61	4.76		SC, GT, IS			11.28			
7	LCW-2	LCW-5	LCW-8	LCW-10	LCW-11										8	4	0	80.39	0	20.23	4.55		SC, GT, IS						
8	LCW-1	LCW-3	LCW-6	LCW-14											1	0	0	87.59	9.92 *	31.3	6.72	SC	GT, IS			11.28			
	Southern Segment Termination																													
9	LCW-1	LCW-4	LCW-8	LCW-10	LCW-12										4	0	0	84.79	0	24.05	3.44	SC				4.12			
10	LCW-2	LCW-5	LCW-8	LCW-10	LCW-12										8	4	0	84.79	0	24.36	1.48		SC						
11	LCW-2	LCW-3	LCW-7												5	1	0	86.60	9.92 *	12.06	1.39		SC			12.96			
12	LCW-1	LCW-3	LCW-7												1	0	0	86.60	9.92 *	11.75	3.35	SC				12.96			
																			* Wolf Branch Sink Preserve										
																						SC Sand Hill Crane				P&U- Prime and Unique			
																						GT Gopher Tortoise							
																						IS Indigo Snake							



LEGEND

- POTENTIAL SCRUB JAY AREA
- POTENTIAL CONTAMINATION SITE
- COMMUNITY FACILITY SITE
- ARCHAEOLOGICAL SITE
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- FLOOD PLAIN BOUNDARY
- WETLAND LINE
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- POTENIAL PUBLIC LAND ACQUISITION
- WEKIVA PKWY. CORRIDOR BOUNDARY
- SR 46 BYPASS CORRIDOR BOUNDARY

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

CH2MHILL
225 E. Robinson Street, Suite 505
Orlando, FL 32801-4321
Tel 407.423.0030
Cert. of Authorization No. 000072

WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

LAKE COUNTY EAST
Conceptual Alignment Alternatives
DATE: NOV. 09, 2005 1"=800'

SHEET NO. 4

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - UNIQUE SEGMENTS

Lake County East

	Displacements			Area Impacts (acres)				Threatened/Endangered Species (Probability): Observed=High(H); Likely=Moderate(M); Possible=Low(L); Unknown(U)										Other		
Segment	Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	Black Bear	Gopher Tort	Scrub Jay	Burrow Owl	Sd Hill Crane	Wood Stork	Indigo Snake	White Ibis	Fox Squirrel	Other			Notes
LCE - 1	0	0	0	9.92	0.00	0.89	1.90	H	M	No Habitat	M	M	M	M	M					
LCE - 2	0	0	0	5.42	0.00	2.63	1.44	H	M		M	M	M	M	M					
LCE - 3	0	0	0	9.44	0.00	0.95	1.48	H	M		M	M	M	M	M					
LCE - 4	0	0	0	5.28	0.00	2.24	1.33	H	M		M	M	M	M	M					
LCE - 5	0	0	0	23.01	0.00	7.60	5.98	H	M		M	M	M	M	M					
LCE - 6	0	0	0	16.27	0.00	9.12	6.97	H	M		M	M	M	M	M					
LCE - 7	0	0	0	25.24	0.00	8.50	7.00	H	M		M	M	M	M	M					
LCE - 8	0	0	0	19.57	0.00	13.49	12.87	H	M		M	M	M	M	M					
LCE - 9	0	0	0	40.58	0.00	28.93	25.17	H	M		M	M	M	M	H					
LCE - 10	0	0	0	25.20	0.00	19.15	20.47	H	M		M	M	M	M	H					
LCE - 11	0	0	0	8.96	0.00	4.17	3.98	H	M		M	M	M	M	H					
LCE - 12	0	0	0	9.02	0.00	8.50	6.60	H	M		M	M	M	M	H					
LCE - 13	0	0	0	1.32	0.00	1.32	1.32	H	M		M	M	M	M	H					
LCE - 14	0	0	0	1.10	0.00	1.10	1.10	H	M		M	M	M	M	H					
LCE - 15	0	0	0	5.40	0.00	5.40	5.40	H	M		M	M	M	M	H					
LCE - 16	0	0	0	7.42	0.00	5.14	4.43	H	M		M	M	M	M	H					
LCE - 17	0	0	0	4.42	0.00	4.42	4.42	H	M		M	M	M	M	H					
LCE - 18	0	0	0	9.40	0.00	0.13	0.00	H	M		M	M	M	M	M					
LCE - 19	0	0	0	78.34	27.48	21.40	11.47	H	H		H	M	M	M	M					
LCE - 20	0	0	0	89.09	30.06	22.85	12.29	H	H		H	M	M	M	M					
LCE - 21	0	0	0	66.94	38.46	21.32	15.15	H	H			H	L	M						
LCE - 22	0	0	0	55.85	37.10	16.35	11.56	H	H			H	L	M						
LCE - 23	0	0	1	79.15	39.43	4.32	12.43	H	H			M		M						
LCE - 24	3	0	0	89.93	28.06	11.90	7.72	H				H				H				
LCE - 25	0	0	0	24.92	25.43	9.21	2.27	H												
LCE - 26	0	0	0	25.28	19.06	0.29	0.00	H												
LCE - 27	0	0	0	6.90	6.96	1.32	2.37	H												
LCE - 28	9	0	1	208.56	71.92	26.18	11.37	H	H		H	M	M	M	M					

Public Lands Note: All public lands within Lake County East are State of Florida owned lands (Rock Springs Run State Reserve and Seminole State Forest).

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - COMPARISON OF SEGMENT COMBINATIONS

Lake County East

Segment Comb. #	Segments in Combination														Combined Displacements			Combined Area Impacts (acres)				Threaten./Endanger. Species (Probability)				Other		Notes
															Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	High	Moderate	Low	Unknown			
	Segment Termination LCE-25																												
1	LCE-19	LCE-24	LCE-25	LCE-26	LCE-27										3	0	0	225.37	106.99	44.12	23.83	BB,GT,BO,SC,FS	SC,WS,IS,WI					
2	LCE-20	LCE-23	LCE-25	LCE-26	LCE-27										0	0	1	225.34	120.94	37.99	29.36	BB,GT,BO	SC,WS,IS,WI					
3	LCE-21	LCE-23	LCE-25	LCE-26	LCE-27										0	0	1	203.19	129.34	36.46	32.22	BB,GT,SC	IS,SC	WS				
4	LCE-22	LCE-24	LCE-25	LCE-26	LCE-27										3	0	0	202.88	116.61	39.07	23.92	BB,GT,SC,FS	IS	WS				
5	LCE-28	LCE-26	LCE-27												9	0	1	240.74	97.94	27.79	13.74	BB,GT,BO	IS,SC					
																						BB Black Bear						
																						GT Gopher Tortoise						
																						BO Burrowing Owl						
																						SC Sand Hill Crane						
																						FS Fox Squirrel						
																						WS Wood Stork						
	Note: Segments LCE-1 through LCE-18 are included in Orange County segment combinations.																					IS Indigo Snake						
																						WI White Ibis						
																		Public Lands Note: All public lands within										
																		Lake County East are State of Florida										
																		owned lands (Rock Springs Run State										
																		Reserve and Seminole State Forest).										

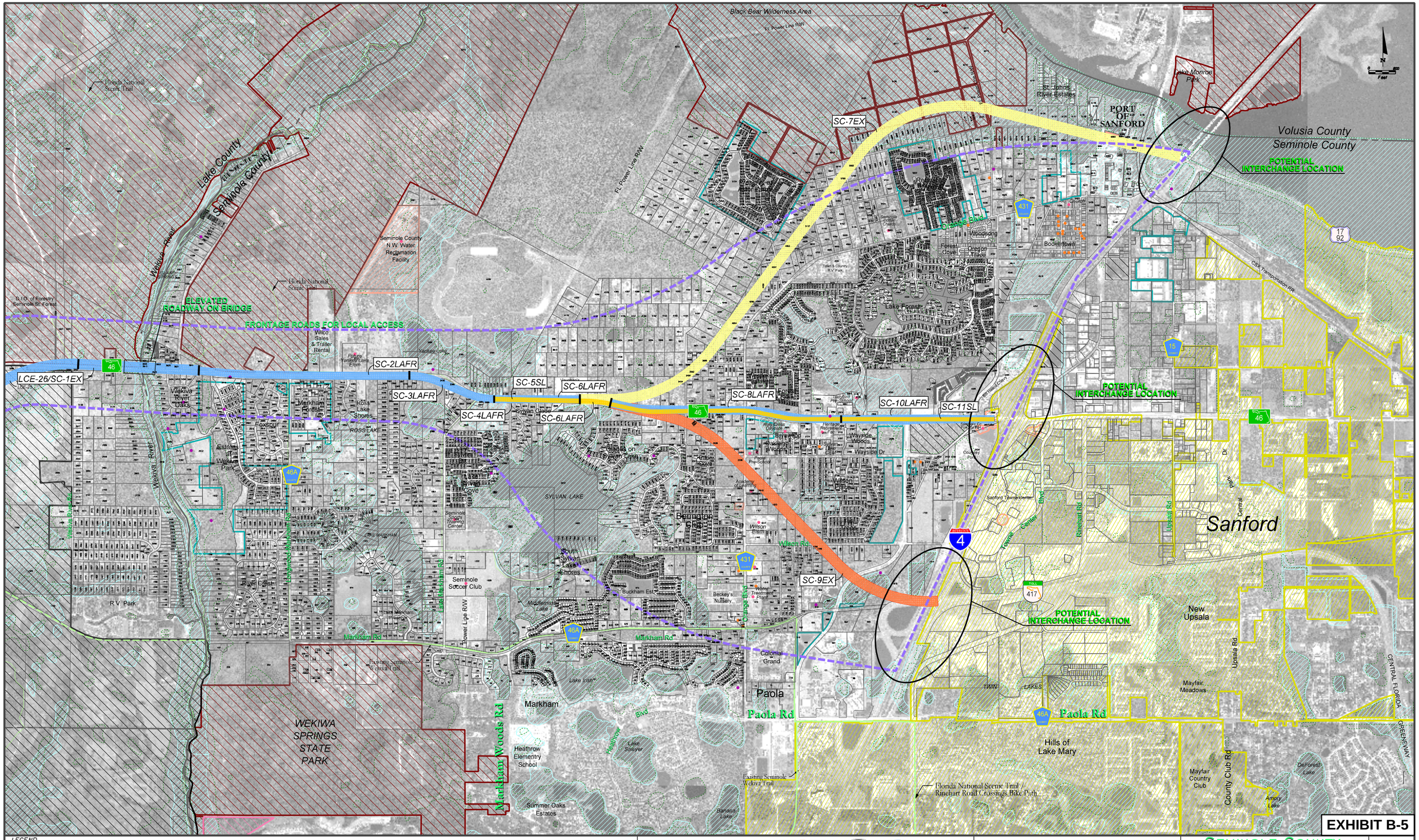

EXHIBIT B-5

LEGEND

- POTENTIAL SCRUB JAY AREA
- POTENTIAL CONTAMINATION SITE
- COMMUNITY FACILITY SITE
- ARCHAEOLOGICAL SITE
- HISTORICAL SITE
- CITY BOUNDARY
- EXISTING TRAIL
- FUTURE TRAIL
- WEKIWA RIVER PROTECTION AREA
- PUBLIC LAND
- FLOOD PLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- EXISTING SR 46 ROADWAY ALIGNMENT
- POTENIAL PUBLIC LAND ACQUISITION
- WEKIWA PKWY. CORRIDOR BOUNDARY
- SR 46 BYPASS CORRIDOR BOUNDARY

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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WEKIWA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

SEMINOLE COUNTY
Conceptual Alignment Alternative
DATE: NOV. 09, 2005 1"=800'

SHEET NO. 5

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - UNIQUE SEGMENTS

Seminole County

Segment	Displacements			Area Impacts (acres)				Threatened/Endangered Species (Probability): Observed=High(H); Likely=Moderate(M); Possible=Low(L); Unknown(U)										Other		Notes
	Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	Black Bear	Gopher Tort	Scrub Jay	Burrow Owl	Sd Hill Crane	Wood Stork	Indigo Snake	White Ibis	Fox Squirrel	Other	Contamination		
SC-1EX	0	0	0	5.68	2.00	1.23	1.13													
SC-2LAFR	0	0	0	4.34	3.59	0.00	0.00													
SC-3LAFR	0	0	0	1.84	0.95	1.12	0.00													
SC-4LAFR	2	0	1	1.78	0.00	1.32	0.00													
SC-5SL	0	0	0	0.00	0.00	0.00	0.00													
SC-6LAFR	1	0	0	0.64	0.00	0.04	0.00													
SC-7EX	29	2	0	143.31	21.46	64.22	63.71	H*										Port (Low Risk)		
SC-8LAFR	1	2	1	4.80	0.00	2.06	0.00													Twelve Oaks RV Resort
SC-9EX	14	3	1	67.93	0.00	9.12	5.49													
SC-11SL	0	0	0	0.00	0.00	0.00	0.00													
SC-10LAFR	0	1	0	3.17	2.86	3.80	3.13													
								*Black Bear Wilderness Area												
EX Expressway																				
LAFR 4-Lane Limited Access w/ Frontage Roads																				
SL Six Lane Divided																				

WEKIVA PARKWAY PD&E STUDY

INITIAL ALTERNATIVES - COMPARISON OF SEGMENT COMBINATIONS

Seminole County

Segment Comb. #	Segments in Combination												Combined Displacements			Combined Area Impacts (acres)				Threaten./Endanger. Species (Probability)				Other		Notes
													Residential	Commercial	Nursery	ROW	Public Land	Floodplain	Wetlands	High	Moderate	Low	Unknown	Contamination	County Facility	
	Potential Alignment Termination at I-4 / US 17-92																									
1	SC-1EX	SC-2LAFR	SC-3LAFR	SC-4LAFR	SC-7EX								31	2	1	156.95	28	67.89	64.84	Black Bear				Port (Low Risk)		
	Potential Alignment Termination at I-4 / SR 46																									
2	SC-1EX	SC-2LAFR	SC-3LAFR	SC-4LAFR	SC-6LAFR	SC-8LAFR	SC-11SL						4	2	2	19.08	6.54	5.77	1.13							
3	SC-1EX	SC-2LAFR	SC-3LAFR	SC-5SL	SC-11SL								0	0	0	11.86	6.54	2.35	1.13							
4	SC-1EX	SC-2LAFR	SC-3LAFR	SC-4LAFR	SC-6LAFR	SC-8LAFR	SC-10LAFR						4	3	2	22.25	9.4	9.57	4.26							
	Potential Alignment Termination at I-4 / SR 417																									
5	SC-1EX	SC-2LAFR	SC-3LAFR	SC-4LAFR	SC-6LAFR	SC-9EX							17	3	2	82.21	6.54	12.83	6.62							
	EX Expressway															Public Lands Note: All combinations include 2.74 acres										
	LAFR 4-Lane Limited Access w/ Frontage Roads															Lower Wekiva River Preserve State Park.										
	SL Six Lane Divided															Remaining acreage is County-owned lands including										
																Black Bear Wilderness Area (Segment 7EX).										

APPENDIX C

JULY/AUGUST 2006 PUBLIC WORKSHOPS
VIABLE ALTERNATIVES EXHIBITS
AND
COMPARATIVE ASSESSMENT SPREADSHEETS

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Exhibit C-3 Orange County Ponkan Road Interchange Alignment

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Exhibit C-5 Wekiva Parkway/SR 46 Realignment - Systems Interchange Alternative 2

Exhibit C-6 Wekiva Parkway/SR 46 Realignment - Systems Interchange Alternative 3

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Orange County / Lake County West Systems Interchange Alternatives Comparison Spreadsheet

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Lake County West Alignment Alternatives Comparison Spreadsheet

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Lake County East Neighborhood Lakes Alignment Alternatives Comparison Spreadsheet

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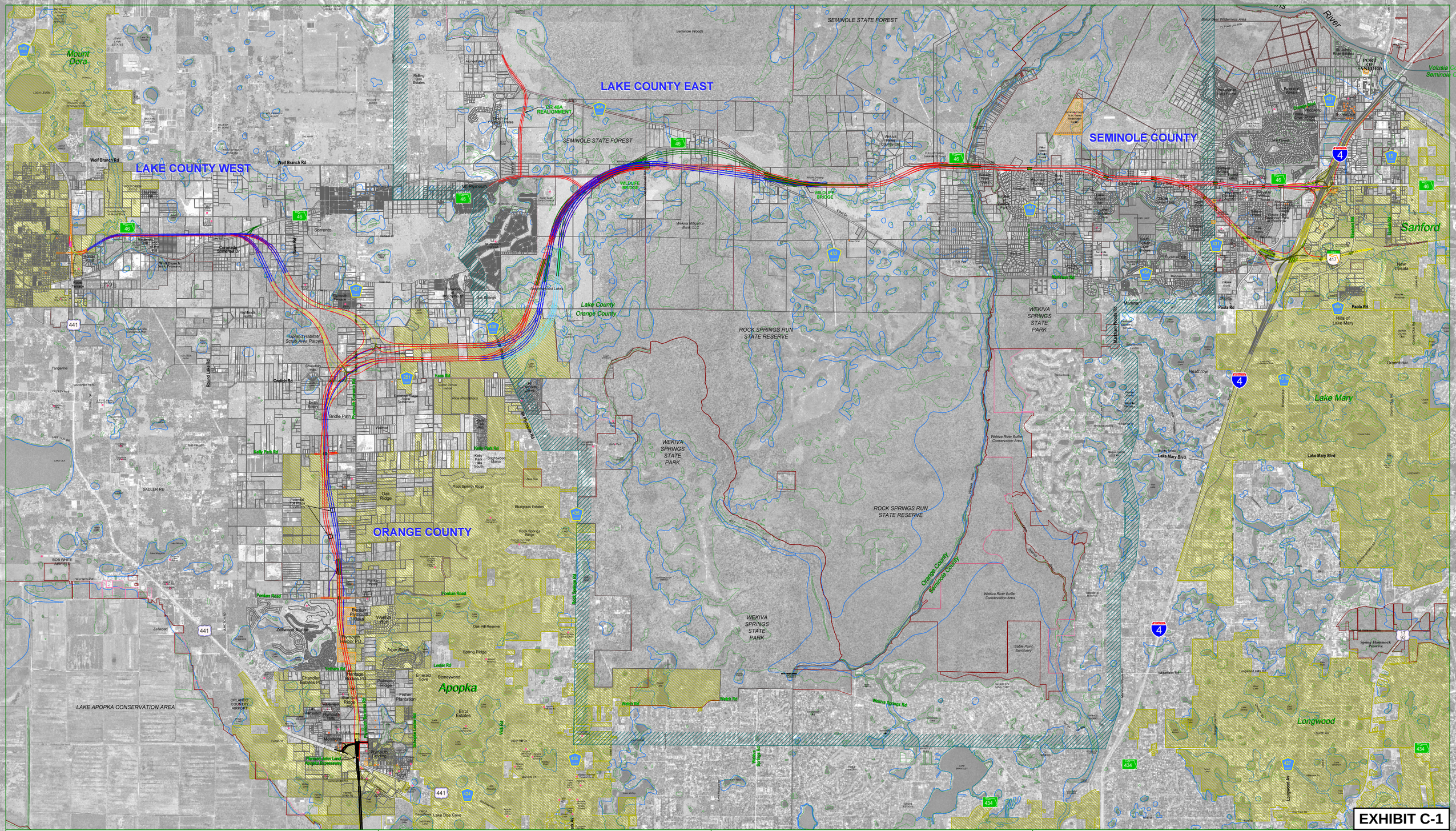
Seminole County Alternatives Comparison (from Wekiva River to I-4) Spreadsheet


LAKE COUNTY WEST
LAKE COUNTY EAST
SEMINOLE COUNTY
ORANGE COUNTY
Mount Dora
Sprrento
Apopka
Sanford
Lake Mary
Longwood
SEMINOLE STATE FOREST
ROCK SPRINGS RUN STATE RESERVE
WEKIVA SPRINGS STATE PARK
LAKE APOPKA CONSERVATION AREA
SR 46A REALIGNMENT
WILDLIFE BRIDGE
Lake County
Orange County
Seminole County
Wekiva River
Wolf Branch Rd
Kelly Park Rd
Ponkan Road
Yothers Rd
Lester Rd
Welch Rd
Wekiva Springs Rd
Lake Mary Blvd
Paola Rd
Rock Springs Rd
Orange Blossom Trail
Semoran Blvd
Wekiva River Buffer Conservation Area
Wekiva Mitigation Bank, LLC
Upland Habitat/ Scrub Area Parcels
Rock Springs Ridge
Bluegrass Estates
Oak Ridge
Zellwood Station
Plymouth Harbor PD
Chandler Estates PD
Heritage Estates PD
Sadler Road Sanctuary
Spring Ridge
Oak Hill Reserve
Stoneywood
Fisher Plantation
Emerald Cove
Ervin Estates
Greenbriar
Heathrow
Hills of Lake Mary
New Upsala
Spring Hammock Preserve
PORT OF SANFORD
Volusia County
Seminole County
Black Bear Wilderness Area
Seminole Woods
Rolling Oak Estates
Hidden Oak Lakes
Lake Doe Cove
Potential Parking Facility
Tangerine
Sadler Rd
Bob White Airpark
Zellwood
Orlando Country Airport
Mt Plymouth Rd
Round Lake Rd
Orange Blossom Trail
Rock Springs Rd
Wekiva Springs Rd
Lake Mary Blvd
Paola Rd
Wekiva River Buffer Conservation Area
Sadler Road Sanctuary
Spring Hammock Preserve
Longwood
Lake Mary
Sanford
Apopka
Mount Dora
Wekiva Springs State Park
Rock Springs Run State Reserve
Seminole State Forest
Lake County
Orange County
Seminole County
Wekiva River
Wolf Branch Rd
Kelly Park Rd
Ponkan Road
Yothers Rd
Lester Rd
Welch Rd
Wekiva Springs Rd
Lake Mary Blvd
Paola Rd
Rock Springs Rd
Orange Blossom Trail
Semoran Blvd
Round Lake Rd
Mt Plymouth Rd
Sadler Rd
Bob White Airpark
Zellwood
Orlando Country Airport
Lake Apopka Conservation Area
Lake Doe Cove
Potential Parking Facility
Upland Habitat/ Scrub Area Parcels
Rock Springs Ridge
Bluegrass Estates
Oak Ridge
Zellwood Station
Plymouth Harbor PD
Chandler Estates PD
Heritage Estates PD
Sadler Road Sanctuary
Spring Ridge
Oak Hill Reserve
Stoneywood
Fisher Plantation
Emerald Cove
Ervin Estates
Greenbriar
Heathrow
Hills of Lake Mary
New Upsala
Spring Hammock Preserve
Longwood
Lake Mary
Sanford
Apopka
Mount Dora
Wekiva Mitigation Bank, LLC
Wekiva River Buffer Conservation Area
Black Bear Wilderness Area
Seminole Woods
Rolling Oak Estates
Hidden Oak Lakes
Lake Doe Cove
Potential Parking Facility
Tangerine
Sadler Rd
Bob White Airpark
Zellwood
Orlando Country Airport
Lake Apopka Conservation Area
Round Lake Rd
Orange Blossom Trail
Rock Springs Rd
Wekiva Springs Rd
Lake Mary Blvd
Paola Rd
Semoran Blvd
Mt Plymouth Rd
Wolf Branch Rd
Kelly Park Rd
Ponkan Road
Yothers Rd
Lester Rd
Welch Rd

SEE WEKIVA PARKWAY SYSTEMS INTERCHANGE BOARDS

Lake County
Orange County

ORANGE COUNTY ALTERNATIVE 2

ORANGE COUNTY ALTERNATIVE 1

POTENTIAL INTERCHANGE

POTENTIAL TOLL PLAZA

Planned John Land Apopka Expressway

Ondich Rd
Haas Rd
Kelly Park Rd
Ponkan Road
Yothers Rd
Lester Rd
Plymouth Sorrento Rd
Schopke Lester Rd
Vick Rd
Rock Springs Rd
Mt. Plymouth Rd
Wekiva River Protection Area
Apopka

LEGEND
- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- PUBLIC LAND
- WEKIVA RIVER PROTECTION AREA
- POTENTIAL CONTAMINATION SITE
- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- POTENTIAL POND
- 586 PROPERTY PARCEL CODE

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

CH2MHILL
225 E. Robinson Street, Suite 505
Orlando, FL 32801-4321
Tel 407.423.0030
Florida License No. 000072

WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

ORANGE COUNTY
Viable Alternatives
Kelly Park Road Interchange
Aug 14, 2006 1"= 800'

EXHIBIT C-2

SEE WEKIVA PARKWAY SYSTEMS INTERCHANGE BOARDS

ORANGE COUNTY ALTERNATIVE 2

ORANGE COUNTY ALTERNATIVE 1

POTENTIAL TOLL PLAZA

POTENTIAL INTERCHANGE

Lake County

Orange County

Apopka

Swan Rd
Adair Ave
Oak Ln
Plymouth Terrace
Iglesia Cristiana Church
FL Power Sub
Sorrento CEM
ADAMS LAKE
Mt. Plymouth Golf Club
Neighborhood Lakes
Fairways at Mt. Plymouth
Oak Springs
LAKE LUCIE
LAKE BARTHO
LAKE LERLA
CAMP SPRINGS
Upland Habitat/ Scrub Area Parcels
Boch Rd
Boch House
Chaudoin Hills
Ondich Rd
Smith Lake
Haas Rd
Haas Bungalow
Gopher Tortoise Habitat
Mt. Plymouth Lakes
Rainbow Ridge Rural Settlement
Pine Plantations
Smith Emery
Bridle Path
Plymouth Sorrento Rd
Mt. Plymouth Rd
Kelly Park Hills
Walmart
Kelly Park Rd
Orange Co. Fire Sta #29
Kelly
Kelly Park Hills South
Brightwood Manor
Gospel Stable Church
Bay Ridge CEM
Blue Sink
Rock Springs Ridge
Oak Ridge
Bluegrass Estates
BDC Golf Course, LLC
FOX LAKE
Rock Springs Ridge Golf Course
Northwest Recreation Complex Apopka Little League Park
Ponkan Pines
Lake Victor
Harvest Celebration Ministries
Ponkan Road
Rock Springs Rd
Club Lake
Zellwood Station Golf Course
Benton Plymouth Oaks
Wekiva Run
Wolf Lake
Lake Merril
Lake Cora
Oak Hill Reserve
Zellwood Station
Plymouth Harbor
Rock Springs Elem School
Lake Coen
Lake Renee
Arbor Ridge
Lake Annie
Spring Ridge
Antioch Ministries
Yothers Rd
Lester Rd
Zellwood Methodist Church (CEM)
Chandler Estates
Heritage Homes
Palmetto Ridge
Emerald Cove
Stoneywood
Wekiva River Protection Area
Plymouth Regional Water Plant
Fisher Plantation
Stanton Ridge
Valeview
Roosevelt Nichols Park
Las Alamedas
Plymouth Hills
LAKE WILKINS
New Vision Comm Church
Lake Errol
Errol Estates
Apopka Fire Sta #2
Lake Frances
Errol Golf Course
Vick Rd
Schopke Lester Rd
Conservation Area
Church
Southfork Dr
Morrisons
Fudge Rd
Lake Standish
Lake Alden
Welch Hill Cir
Apopka Courthouse
Plymouth P.O.
Plymouth Landing
Plymouth Church of Christ
Apopka 9th Grade Center
Apopka Athletic Complex
Buchan Pond
Uster Rd
Planned John Land Apopka Expressway
Plymouth Train Station
Iglesia Church
Apopka High School
MARTIN ST.
Baldwin Fairchild Funeral Home
St James Church CEM
General Electric Rd
FL Power Sub
Orange Ave
Antioch Missionary Baptist
Lake Hiawatha
Dream Lake Elem School
Apopka P.O.
Hermit Smith Rd
Apopka Fire Sta #4
Lake Ave

LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- PUBLIC LAND
- WEKIVA RIVER PROTECTION AREA
- POTENTIAL CONTAMINATION SITE
- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- POTENTIAL POND
- 358 PROPERTY PARCEL CODE

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

ORANGE COUNTY
Viable Alternatives
Ponkan Road Interchange

Aug 14, 2006 1"= 800'

N
0 800 Feet

EXHIBIT C-3

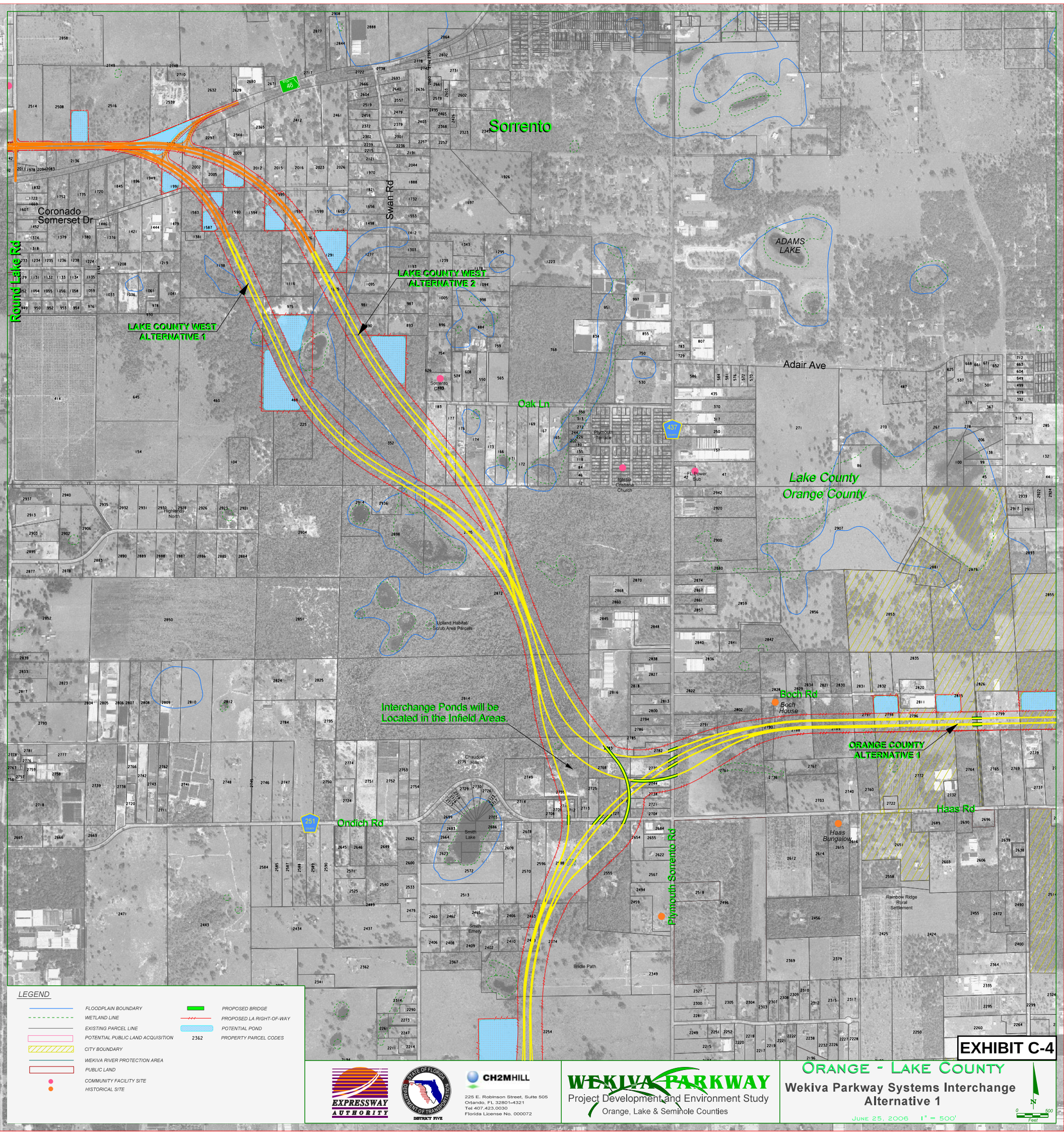
Orange County
Kelly Park Road & Ponkan Road Alignment Alternatives Comparison

Alternative	Parcel Impacts	Area Impacts (Acres)						Displacements		Noise (Potential Impacts within 200' of ROW)		Preliminary Construction Cost Estimate (2006 $)	Preliminary R/W Cost Estimate (2006 $)	Total Preliminary Cost Estimate (2006 $)
		Roadway	Pond	Toll Plaza	Public Land	100-Year Floodplain	Wetland	Residential	Nursery	Residential Dwellings	Parks and Conservation Areas			
Kelly Park Road Interchange Alignment with Orange County Alternative 1 **(Exhibit C-2)**	105	325	96	2	56	5	2	28	2	30	0	230.9 M	74.7 M	305.6 M
Kelly Park Road Interchange Alignment with Orange County Alternative 2 **(Exhibit C-2)**	117	326	96	2	56	10	2	33	3	33	0	228.6 M	77.2 M	305.8 M*
Ponkan Road Interchange Alignment with Orange County Alternative 1 **(Exhibit C-3)**	98	345	93	2	56	6	3	28	4	34	0	242.5 M	81.0 M	323.5 M
Ponkan Road Interchange Alignment with Orange County Alternative 2 **(Exhibit C-3)**	119	346	93	2	56	11	4	37	5	34	0	240.1 M	85.3 M	325.4 M*

Note: All alternatives impact OC landfill property south of Ponkan Road and east of Zellwood Station.

*The total preliminary cost estimates for the Viable Alternatives with OC Alt. 2 do not include additional construction and right-of-way costs for maintaining access from Plymouth-Sorrento Rd. to Boch Rd.

Full parcel takes will be accounted for at the completion of the Access Management Plan. ROW costs will be adjusted accordingly.


Sorrento
Round Lake Rd
Coronado
Somerset Dr
Swan Rd
ADAMS LAKE
LAKE COUNTY WEST ALTERNATIVE 2
LAKE COUNTY WEST ALTERNATIVE 1
Adair Ave
Oak Ln
Lake County
Orange County
Interchange Ponds will be Located in the Infield Areas.
Boch Rd
ORANGE COUNTY ALTERNATIVE 1
Haas Rd
Ondich Rd
Plymouth Sorrento Rd
Bridle Path
LEGEND
FLOODPLAIN BOUNDARY
WETLAND LINE
EXISTING PARCEL LINE
POTENTIAL PUBLIC LAND ACQUISITION
CITY BOUNDARY
WEKIVA RIVER PROTECTION AREA
PUBLIC LAND
COMMUNITY FACILITY SITE
HISTORICAL SITE
PROPOSED BRIDGE
PROPOSED LA RIGHT-OF-WAY
POTENTIAL POND
2362
PROPERTY PARCEL CODES
EXPRESSWAY AUTHORITY
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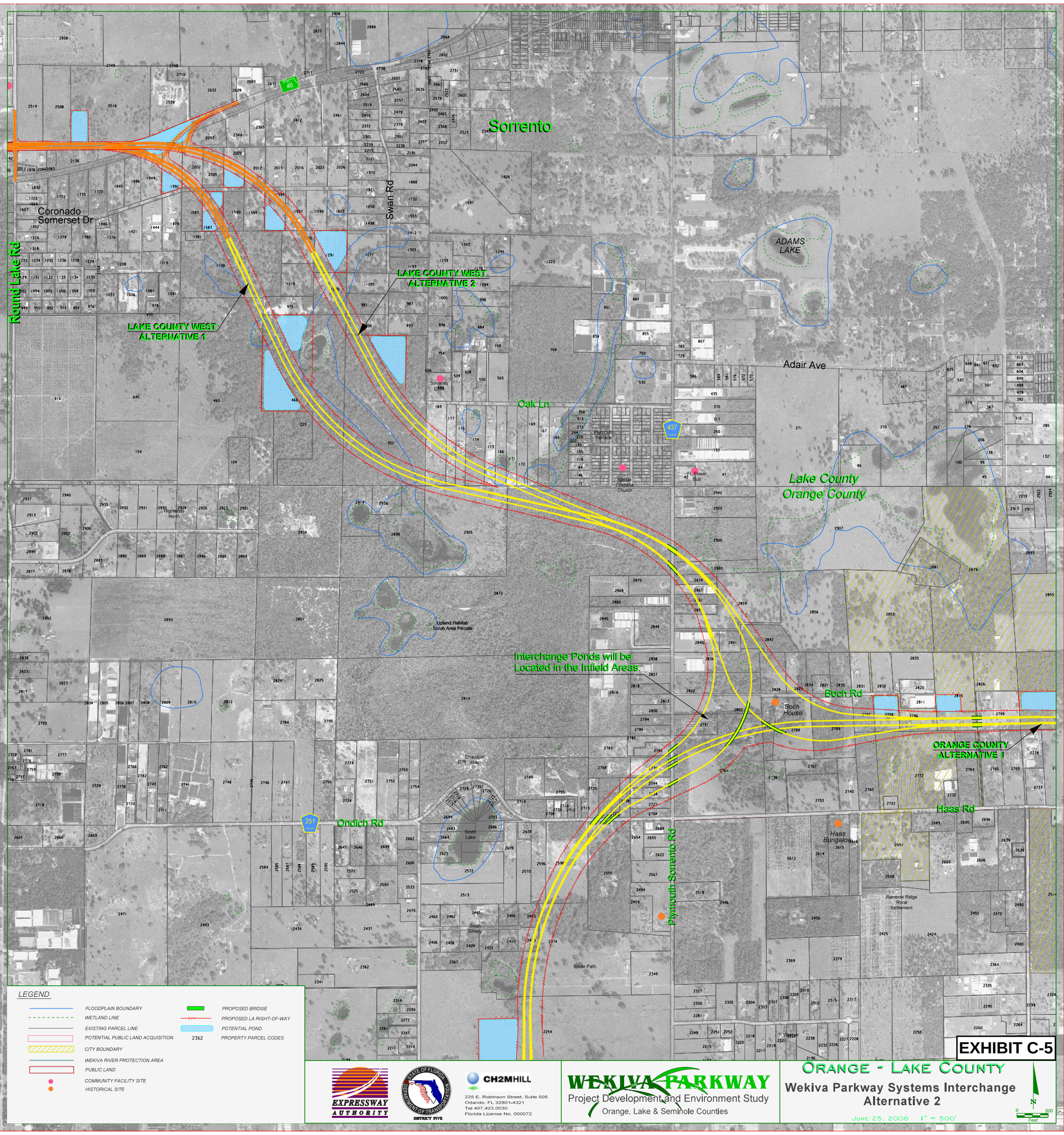
WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties
ORANGE - LAKE COUNTY
Wekiva Parkway Systems Interchange
Alternative 1
JUNE 25, 2006 1" = 500'
N
0 500
Feet

EXHIBIT C-4


Sorrento
Round Lake Rd
Coronado
Somerset Dr
Swan Rd
ADAMS LAKE
LAKE COUNTY WEST ALTERNATIVE 2
LAKE COUNTY WEST ALTERNATIVE 1
Adair Ave
Oak Ln
Lake County
Orange County
Upland Habitat/ Scrub Area Parcels
Interchange Ponds will be Located in the Infield Areas.
Boch Rd
Boch House
ORANGE COUNTY ALTERNATIVE 1
Haas Rd
Haas Bungalow
Ondich Rd
Smith Lake
Plymouth Sorrento Rd
Bridle Path
Rainbow Ridge Rural Settlement
LEGEND
FLOODPLAIN BOUNDARY
WETLAND LINE
EXISTING PARCEL LINE
POTENTIAL PUBLIC LAND ACQUISITION
CITY BOUNDARY
WEKIVA RIVER PROTECTION AREA
PUBLIC LAND
COMMUNITY FACILITY SITE
HISTORICAL SITE
PROPOSED BRIDGE
PROPOSED LA RIGHT-OF-WAY
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Orange, Lake & Seminole Counties
ORANGE - LAKE COUNTY
Wekiva Parkway Systems Interchange
Alternative 2
JUNE 25, 2006 1" = 500'
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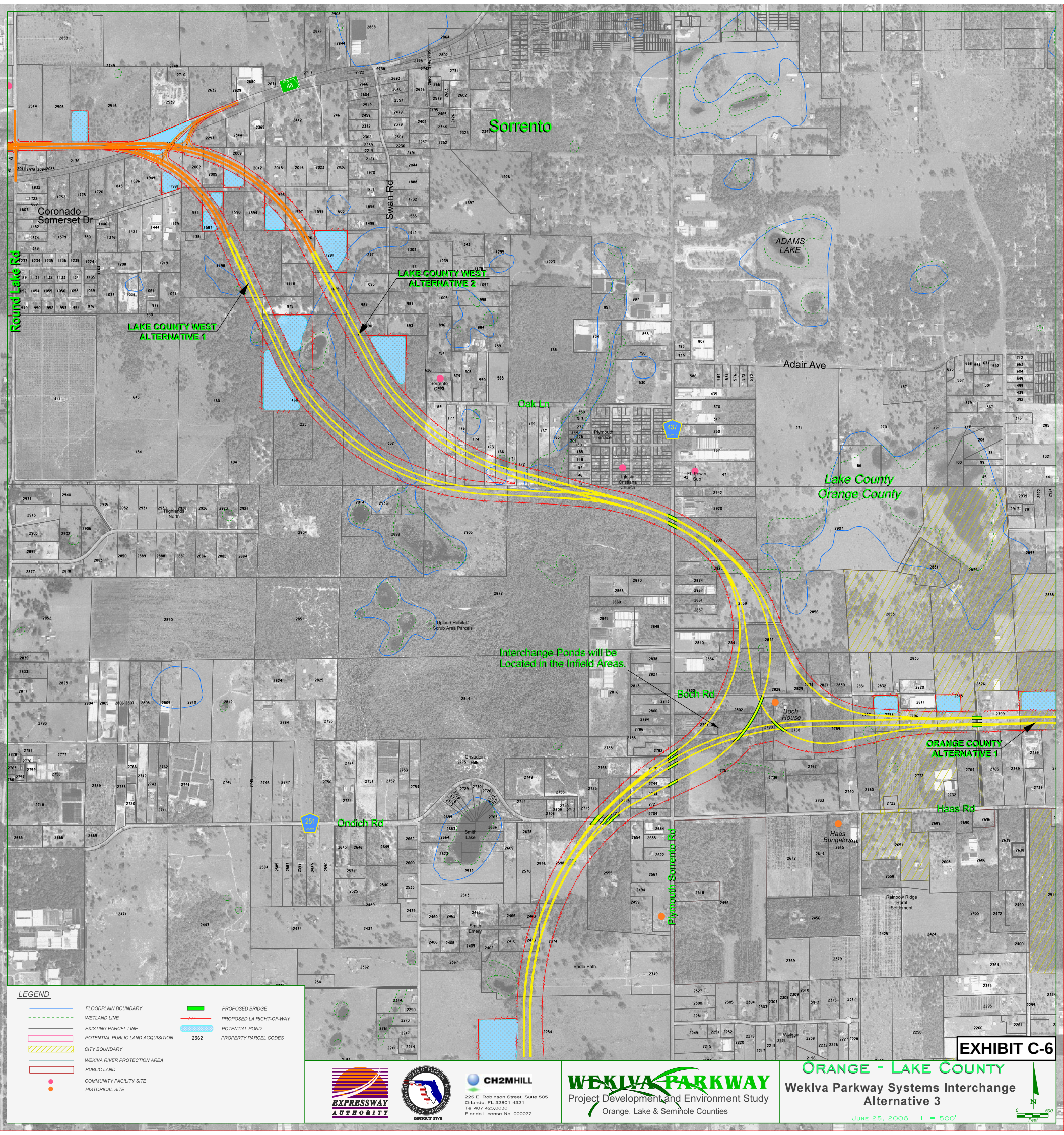
Feet
EXHIBIT C-5


Sorrento
Round Lake Rd
Coronado
Somerset Dr
Swan Rd
ADAMS LAKE
LAKE COUNTY WEST ALTERNATIVE 2
LAKE COUNTY WEST ALTERNATIVE 1
Adair Ave
Oak Ln
Lake County
Orange County
Interchange Ponds will be Located in the Infield Areas.
Boch Rd
Boch House
ORANGE COUNTY ALTERNATIVE 1
Haas Rd
Haas Bungalow
Ondich Rd
Smith Lake
Plymouth Sorrento Rd
Bridle Path
Rainbow Ridge Rural Settlement
Upland Habitat/ Scrub Area Parcels
Highlands North
Chaudoin Hills
Smith Emery
Plymouth Terrace
Iglesia Cristiana Church
FL Power Sub
Sorrento Cem
LEGEND
FLOODPLAIN BOUNDARY
WETLAND LINE
EXISTING PARCEL LINE
POTENTIAL PUBLIC LAND ACQUISITION
CITY BOUNDARY
WEKIVA RIVER PROTECTION AREA
PUBLIC LAND
COMMUNITY FACILITY SITE
HISTORICAL SITE
PROPOSED BRIDGE
PROPOSED LA RIGHT-OF-WAY
POTENTIAL POND
2362
PROPERTY PARCEL CODES
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DISTRICT FIVE
CH2MHILL
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Orlando, FL 32801-4321
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Orange, Lake & Seminole Counties
ORANGE - LAKE COUNTY
Wekiva Parkway Systems Interchange
Alternative 3
JUNE 25, 2006 1" = 500'
N
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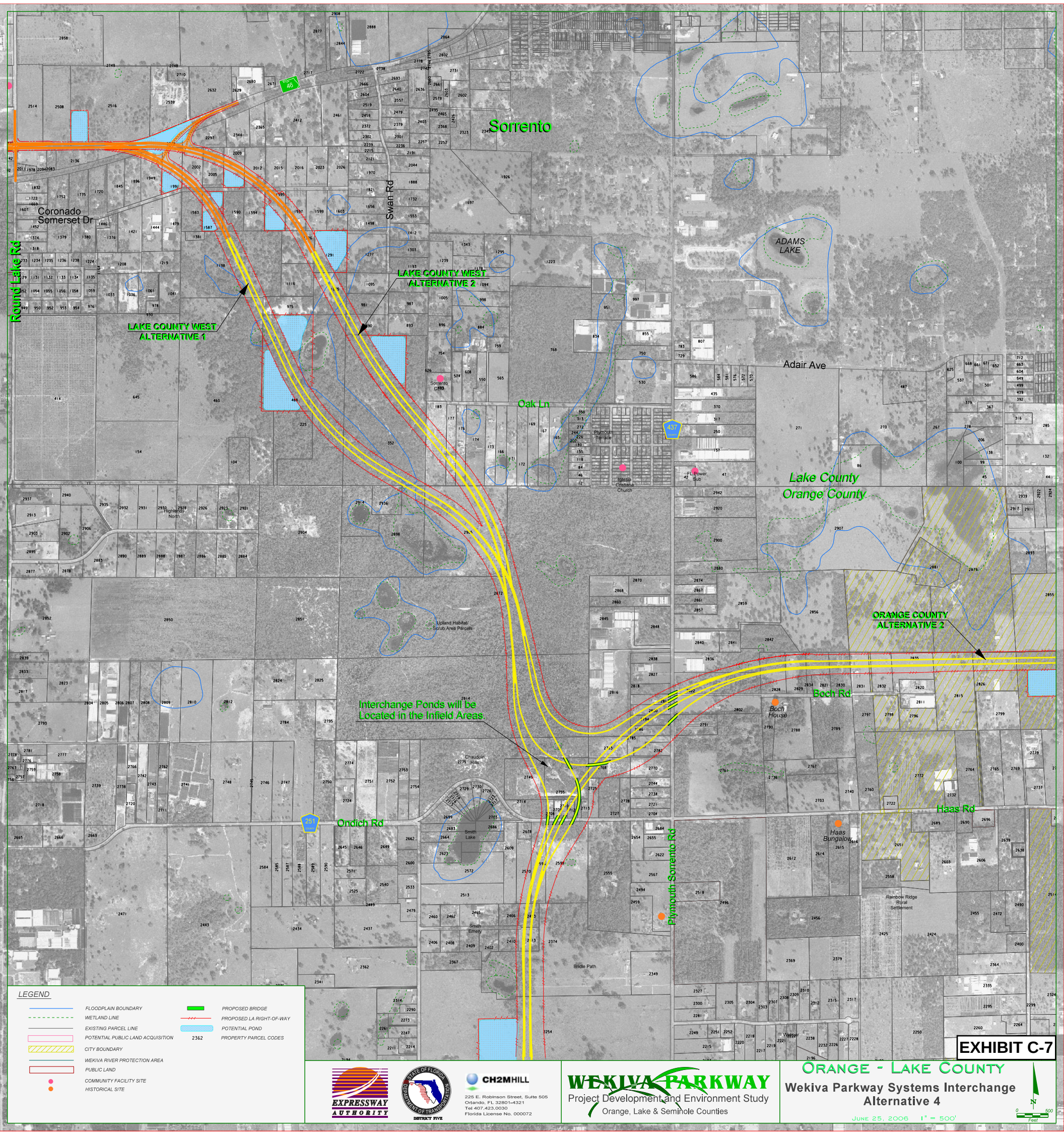
Feet
EXHIBIT C-6


Sorrento
Round Lake Rd
Coronado
Somerset Dr
Swan Rd
ADAMS LAKE
LAKE COUNTY WEST ALTERNATIVE 2
LAKE COUNTY WEST ALTERNATIVE 1
Adair Ave
Oak Ln
Lake County
Orange County
ORANGE COUNTY ALTERNATIVE 2
Boch Rd
Interchange Ponds will be Located in the Infield Areas.
Haas Rd
Ondich Rd
Plymouth Sorrento Rd
Bridle Path
LEGEND
FLOODPLAIN BOUNDARY
WETLAND LINE
EXISTING PARCEL LINE
POTENTIAL PUBLIC LAND ACQUISITION
CITY BOUNDARY
WEKIVA RIVER PROTECTION AREA
PUBLIC LAND
COMMUNITY FACILITY SITE
HISTORICAL SITE
PROPOSED BRIDGE
PROPOSED LA RIGHT-OF-WAY
POTENTIAL POND
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PROPERTY PARCEL CODES
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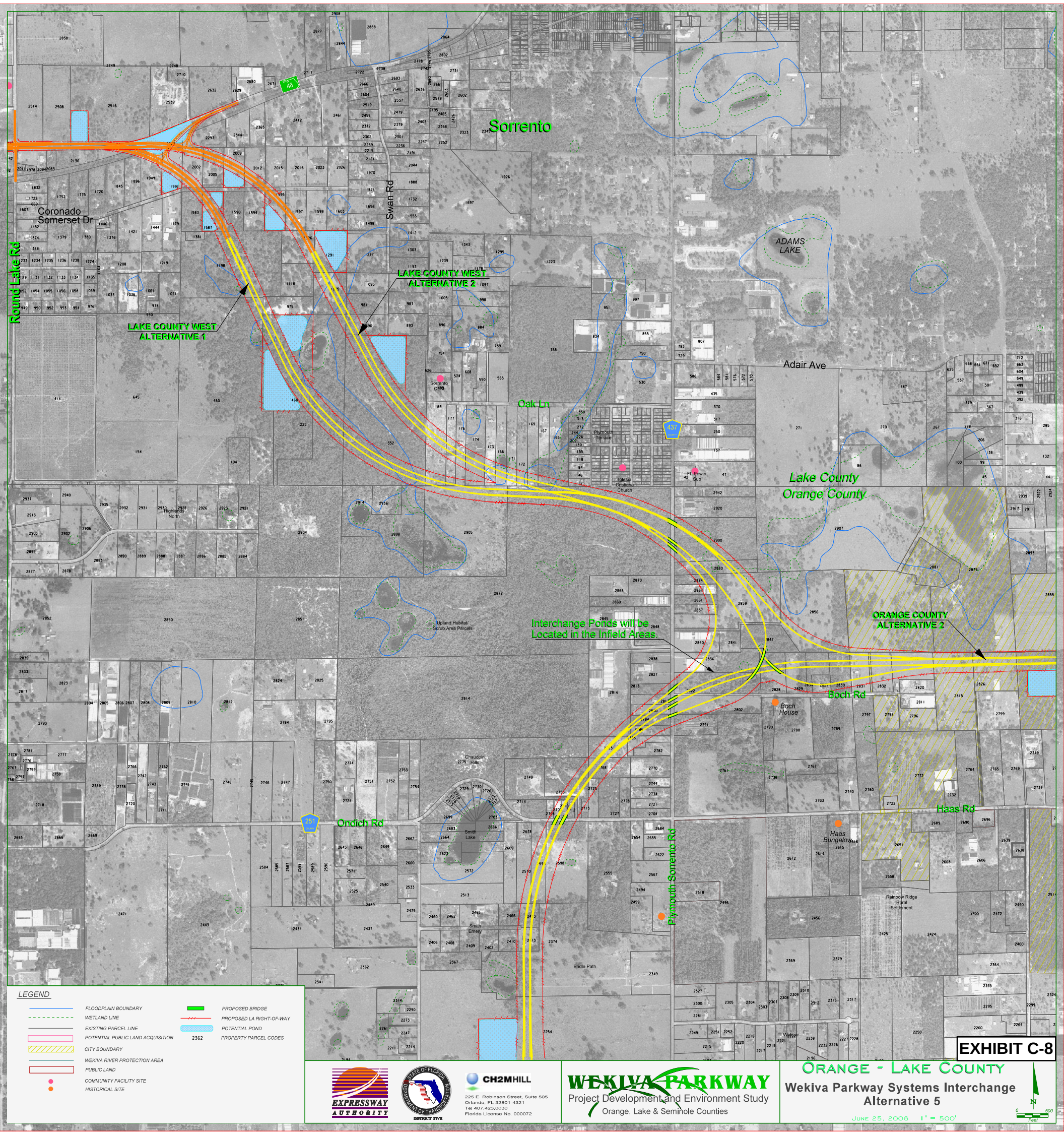
ORANGE - LAKE COUNTY
Wekiva Parkway Systems Interchange
Alternative 4
JUNE 25, 2006 1" = 500'
N
0 500
Feet
EXHIBIT C-7


Sorrento
Round Lake Rd
Coronado
Somerset Dr
Swan Rd
ADAMS LAKE
LAKE COUNTY WEST ALTERNATIVE 2
LAKE COUNTY WEST ALTERNATIVE 1
Adair Ave
Oak Ln
Lake County
Orange County
ORANGE COUNTY ALTERNATIVE 2
Interchange Ponds will be Located in the Infield Areas.
Boch Rd
Boch House
Haas Rd
Haas Bungalow
Ondich Rd
Plymouth Sorrento Rd
Smith Lake
Bridle Path
Rainbow Ridge Rural Settlement
LEGEND
FLOODPLAIN BOUNDARY
WETLAND LINE
EXISTING PARCEL LINE
POTENTIAL PUBLIC LAND ACQUISITION
CITY BOUNDARY
WEKIVA RIVER PROTECTION AREA
PUBLIC LAND
COMMUNITY FACILITY SITE
HISTORICAL SITE
PROPOSED BRIDGE
PROPOSED LA RIGHT-OF-WAY
POTENTIAL POND
2362
PROPERTY PARCEL CODES
EXPRESSWAY AUTHORITY
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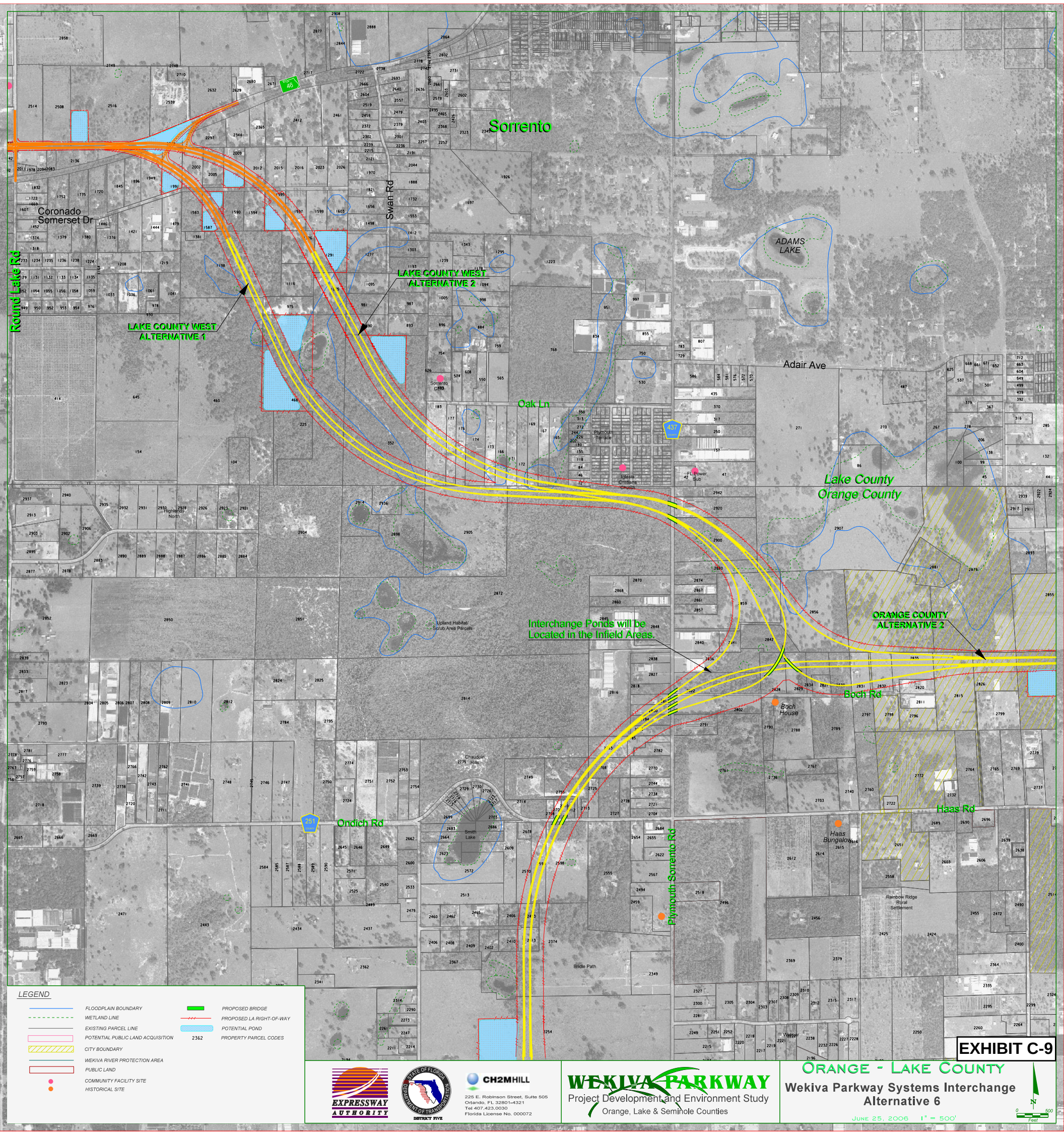
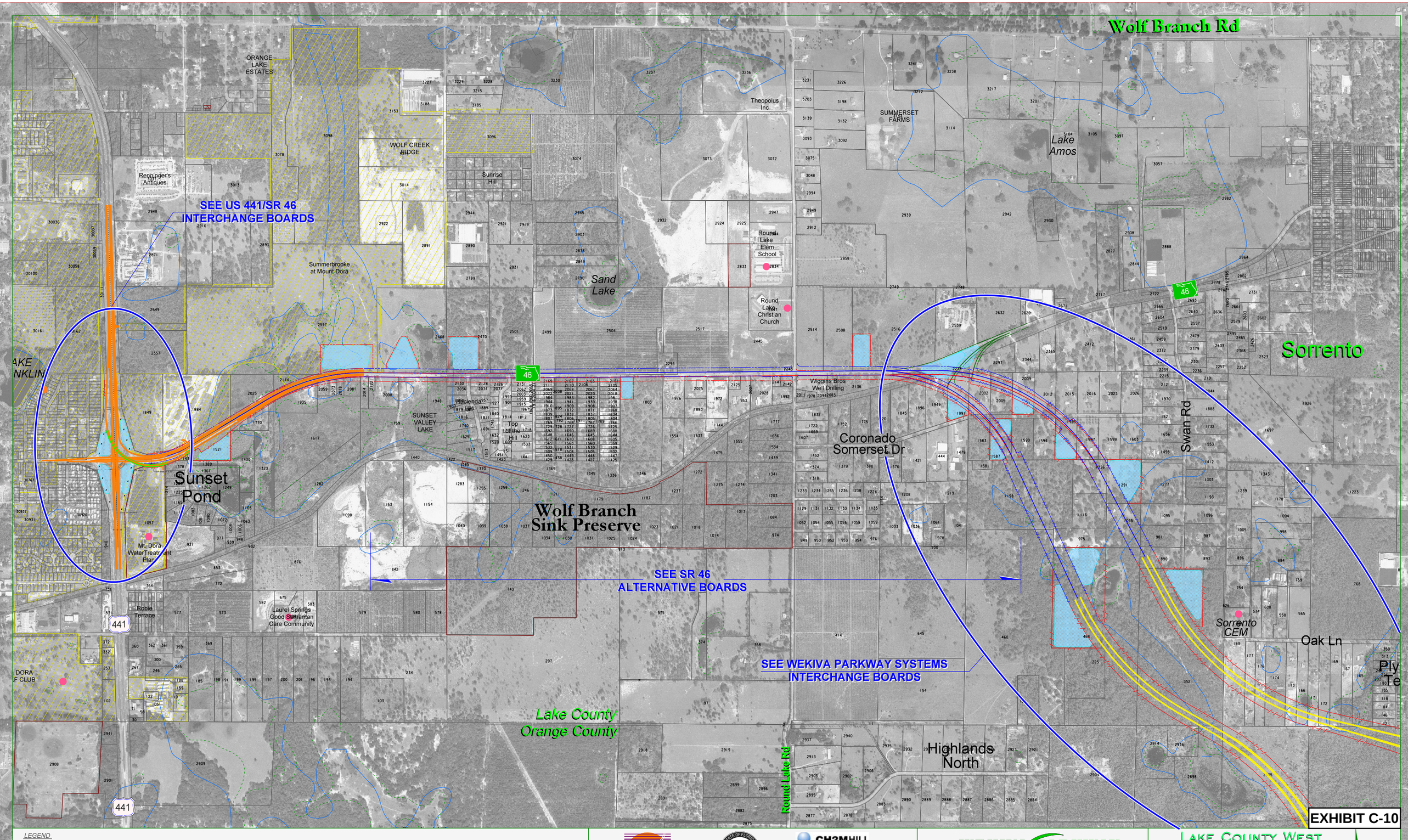
Orange, Lake & Seminole Counties
ORANGE - LAKE COUNTY
Wekiva Parkway Systems Interchange
Alternative 5
JUNE 25, 2006 1" = 500'
N
0 500
Feet
EXHIBIT C-8


Sorrento
Round Lake Rd
Coronado
Somerset Dr
Swan Rd
ADAMS LAKE
LAKE COUNTY WEST ALTERNATIVE 2
LAKE COUNTY WEST ALTERNATIVE 1
Adair Ave
Oak Ln
Lake County
Orange County
ORANGE COUNTY ALTERNATIVE 2
Interchange Ponds will be Located in the Infield Areas.
Boch Rd
Boch House
Haas Rd
Haas Bungalow
Ondich Rd
Smith Lake
Plymouth Sorrento Rd
Bridle Path
Rainbow Ridge Rural Settlement
Upland Habitat/ Scrub Area Parcels
Chaudoin Hills
Highlands North
Plymouth Terrace
Iglesia Cristiana Church
FL Power Sub
Sorrento Cem
LEGEND
FLOODPLAIN BOUNDARY
WETLAND LINE
EXISTING PARCEL LINE
POTENTIAL PUBLIC LAND ACQUISITION
CITY BOUNDARY
WEKIVA RIVER PROTECTION AREA
PUBLIC LAND
COMMUNITY FACILITY SITE
HISTORICAL SITE
PROPOSED BRIDGE
PROPOSED LA RIGHT-OF-WAY
POTENTIAL POND
2362 PROPERTY PARCEL CODES
EXPRESSWAY AUTHORITY
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE
CH2MHILL
225 E. Robinson Street, Suite 505
Orlando, FL 32801-4321
Tel 407.423.0030
Florida License No. 000072
WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties
ORANGE - LAKE COUNTY
Wekiva Parkway Systems Interchange
Alternative 6
JUNE 25, 2006 1" = 500'
N
0 500 Feet
EXHIBIT C-9

Orange County/Lake County West
Systems Interchange Alternatives Comparison

Alternative	Parcel Impacts	Area Impacts (Acres)					Displacements		Noise (Potential Impacts within 200' of ROW)		Other	Preliminary Construction Cost Estimate (2006 $)	Preliminary R/W Cost Estimate (2006 $)	Total Preliminary Cost Estimate* (2006 $)
		Roadway	Pond	Public Land	100-Year Floodplain	Wetland	Residential	Nursery	Residential Dwellings	Parks and Conservation Areas				
Systems Interchange Alternatives														
Alternative 1														
Lake County West Alternative 1 **(Exhibit C-4)**	33	156	26	0	4	1	11	2	6	0	Bisects Scrub Parcels[1]	121.7 M	28.7 M	150.4 M
Lake County West Alternative 2 **(Exhibit C-4)**	42	154	21	0	3	< 1	16	2	10	0	Bisects Scrub Parcels[1]	121.1 M	32.3 M	153.4 M
Alternative 2														
Lake County West Alternative 1 **(Exhibit C-5)**	50	183	26	0	5	1	13	3	14	0	Impacts Historic Structure[2] and 2 Flowing Water Features	119.8 M	40.5 M	160.3 M
Lake County West Alternative 2 **(Exhibit C-5)**	63	175	21	0	5	1	18	4	18	0	Impacts Historic Structure[2] and 2 Flowing Water Features	117.1 M	44.1 M	161.2 M
Alternative 3														
Lake County West Alternative 1 **(Exhibit C-6)**	53	182	26	0	6	3	10	1	20	0	Impacts Historic Structure[2] and 3 Flowing Water Features	120.3 M	37.1 M	157.4 M
Lake County West Alternative 2 **(Exhibit C-6)**	63	177	21	0	7	3	16	2	23	0	Impacts Historic Structure[2] and 3 Flowing Water Features	118.7 M	40.6 M	159.3 M
Alternative 4														
Lake County West Alternative 1 **(Exhibit C-7)**	26	144	26	0	4	1	8	0	11	1 (OC Conservation[3])	Bisects Scrub Parcels[1]	116.2 M	26.9 M	143.1 M
Lake County West Alternative 2 **(Exhibit C-7)**	38	142	28	0	3	< 1	12	0	14	1 (OC Conservation[3])	Bisects Scrub Parcels[1]	115.5 M	31.2 M	146.7 M
Alternative 5														
Lake County West Alternative 1 **(Exhibit C-8)**	46	171	26	1	6	4	10	3	19	1 (OC Conservation[3])	Impacts 3 Flowing Water Features	113.1 M	37.5 M	150.6 M
Lake County West Alternative 2 **(Exhibit C-8)**	51	164	21	1	7	5	16	4	21	1 (OC Conservation[3])	Impacts 3 Flowing Water Features	110.7 M	41.7 M	152.4 M
Alternative 6														
Lake County West Alternative 1 **(Exhibit C-9)**	43	176	26	4	8	6	9	3	17	1 (OC Conservation[3])	Impacts 3 Flowing Water Features	114.1 M	37.7 M	151.8 M
Lake County West Alternative 2 **(Exhibit C-9)**	52	171	21	4	9	7	16	3	17	1 (OC Conservation[3])	Impacts 3 Flowing Water Features	112.1 M	43.3 M	155.4 M

[1] Scrub parcels located north of Ondich Rd. and west of Plymouth Sorrento Rd. (CR 437).
[2] Historic structure is the Paul Boch House, circa 1900, at 2626 Boch Road.
[3] OC Conservation land is Green Place property at Lake Lucie.


Wolf Branch Rd
ORANGE LAKE ESTATES
WOLF CREEK RIDGE
Renninger's Antiques
SEE US 441/SR 46
INTERCHANGE BOARDS
Summerbrooke at Mount Dora
Sunrise Hill
Sand Lake
Theopolus Inc.
SUMMERSET FARMS
Lake Amos
Round Lake Elem School
Round Lake Christian Church
Sorrento
Wiggins Bros Well Drilling
Hacienda Hill
SUNSET VALLEY LAKE
Top of the Hill
Coronado Somerset Dr
Swan Rd
Sunset Pond
Wolf Branch Sink Preserve
Mt. Dora Water Treatment Plant
SEE SR 46
ALTERNATIVE BOARDS
Roble Terrace
Laurel Springs Good Samaritan Care Community
Sorrento CEM
Oak Ln
SEE WEKIVA PARKWAY SYSTEMS
INTERCHANGE BOARDS
DORA F CLUB
Lake County
Orange County
Highlands North
Round Lake Rd
441
46
EXHIBIT C-10
LEGEND
COMMUNITY FACILITY SITE
HISTORICAL SITE
CITY BOUNDARY
WEKIVA RIVER PROTECTION AREA
PUBLIC LAND
FLOODPLAIN BOUNDARY
WETLAND LINE
EXISTING PARCEL LINE
POTENTIAL PUBLIC LAND ACQUISITION
PROPOSED BRIDGE
PROPOSED LA RIGHT-OF-WAY
PROPOSED RIGHT-OF-WAY
POTENTIAL POND
2884 PROPERTY PARCEL CODES
EXPRESSWAY AUTHORITY
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT FIVE
CH2MHILL
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Orlando, FL 32801-4321
Tel 407.423.0030
Cert. of Authorization No. 000072
WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties
LAKE COUNTY WEST
Viable Alternatives
JULY 25, 2006 1"= 400'
N
0 400 Feet

Lake County West
Alignment Alternatives Comparison

Alternative	Parcel Impacts	Area Impacts (Acres)				Displacements		Noise (Potential Impacts within 200' of ROW)	Preliminary Construction Cost Estimate (2006 $)	Preliminary R/W Cost Estimate (2006 $)	Total Preliminary Cost Estimate (2006 $)
		Roadway	Pond	100-Year Floodplain	Wetland	Residential	Commercial	Residential Dwellings			
SR 46 Widen to North **(Exhibit C-10)**	20	11	18	6	1	1	0	19	25.8 M	17.8 M	43.6 M
SR 46 Widen to South **(Exhibit C-10)**	34	14	20	5	< 1	7	4	20	25.8 M	> 17.8 M*	> 43.6 M*

*Note: Early in the study, staff from both the City of Mount Dora and Lake County expressed a preference for widening to the north. Since widening to the south would impact significantly more parcels and result in a higher number of both residential and commercial displacements, and in consideration of local government preference for widening to the north, a right-of-way cost estimate was not prepared for the widen to the south alternative. Based on the impact data, it was assumed right-of-way costs for widening to the south would be higher (>) than widening to the north.

Mount Dora

441

46

Summerbrooke at Mount Dora

SEE SR 46 ALTERNATIVE BOARDS

LAKE FRANKLIN

SUNSET VALLEY LAKE

Sunset Pond

Mt. Dora WaterTreatment Plant

E 8th Av
E 5th Av
3rd Av
Summit Av
E 2nd Av
E 1st Av
Stone Av
Plymouth Av
Liberty Av
Cobble Ln
Pond Rd
Rhodes St
Rossiter St
N Lake Franklin Dr
Groveland Rd
Stanley Bell Dr
Parrotte Ct
Currin Blvd
Cliff Dr

LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- PUBLIC LAND
- WEKIVA RIVER PROTECTION AREA
- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 1098 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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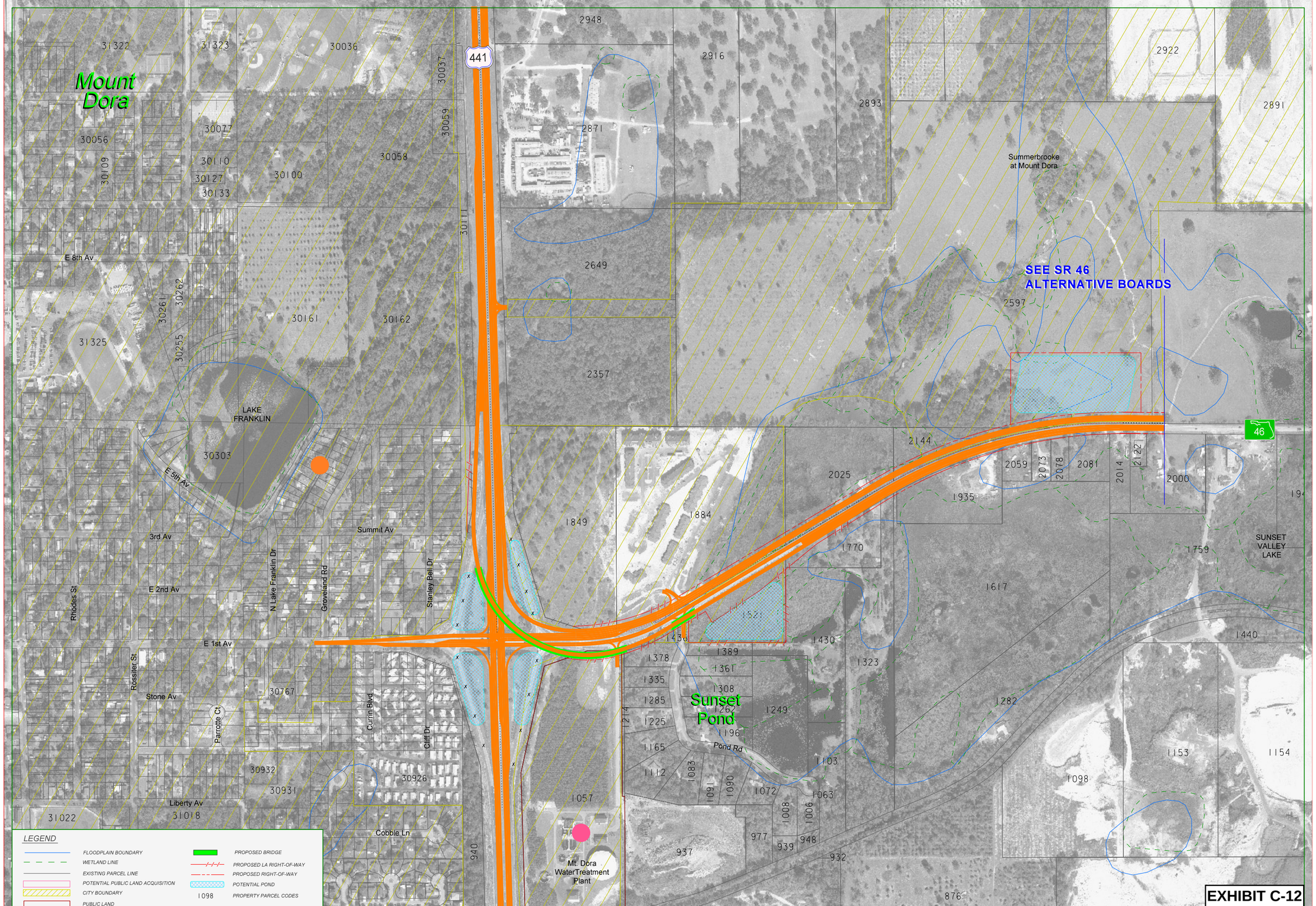
WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

LAKE COUNTY WEST
US 441 / SR 46 Interchange
Grade Separated
Alternative 1
JUNE 25, 2006 1" = 200'

N
0 200 Feet

EXHIBIT C-11


Mount Dora
441
46
SEE SR 46 ALTERNATIVE BOARDS
Summerbrooke at Mount Dora
LAKE FRANKLIN
SUNSET VALLEY LAKE
Sunset Pond
Mt. Dora WaterTreatment Plant
E 8th Av
E 5th Av
3rd Av
Summit Av
E 2nd Av
E 1st Av
Stone Av
Liberty Av
Cobble Ln
Pond Rd
Rhodes St
N Lake Franklin Dr
Groveland Rd
Stanley Bell Dr
Rossiter St
Parrotte Ct
Currin Blvd
Cliff Dr
LEGEND
FLOODPLAIN BOUNDARY
WETLAND LINE
EXISTING PARCEL LINE
POTENTIAL PUBLIC LAND ACQUISITION
CITY BOUNDARY
PUBLIC LAND
WEKIVA RIVER PROTECTION AREA
COMMUNITY FACILITY SITE
HISTORICAL SITE
PROPOSED BRIDGE
PROPOSED LA RIGHT-OF-WAY
PROPOSED RIGHT-OF-WAY
POTENTIAL POND
1098 PROPERTY PARCEL CODES
EXPRESSWAY AUTHORITY
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE
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Florida License No. 000072
WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties
LAKE COUNTY WEST
US 441 / SR 46 Interchange
At Grade
Alternative 2
JUNE 25, 2006 1" = 200'
N
0 200
Feet

EXHIBIT C-12

Mount Dora
441
46
SEE SR 46 ALTERNATIVE BOARDS
Summerbrooke at Mount Dora
LAKE FRANKLIN
SUNSET VALLEY LAKE
Sunset Pond
Mt. Dora WaterTreatment Plant
E 8th Av
E 5th Av
3rd Av
Summit Av
E 2nd Av
E 1st Av
Stone Av
Plymouth Av
Liberty Av
Cobble Ln
Pond Rd
Rhodes St
N Lake Franklin Dr
Groveland Rd
Stanley Bell Dr
Rossiter St
Parrotte Ct
Currin Blvd
Cliff Dr

LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- PUBLIC LAND
- WEKIVA RIVER PROTECTION AREA
- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 1098 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

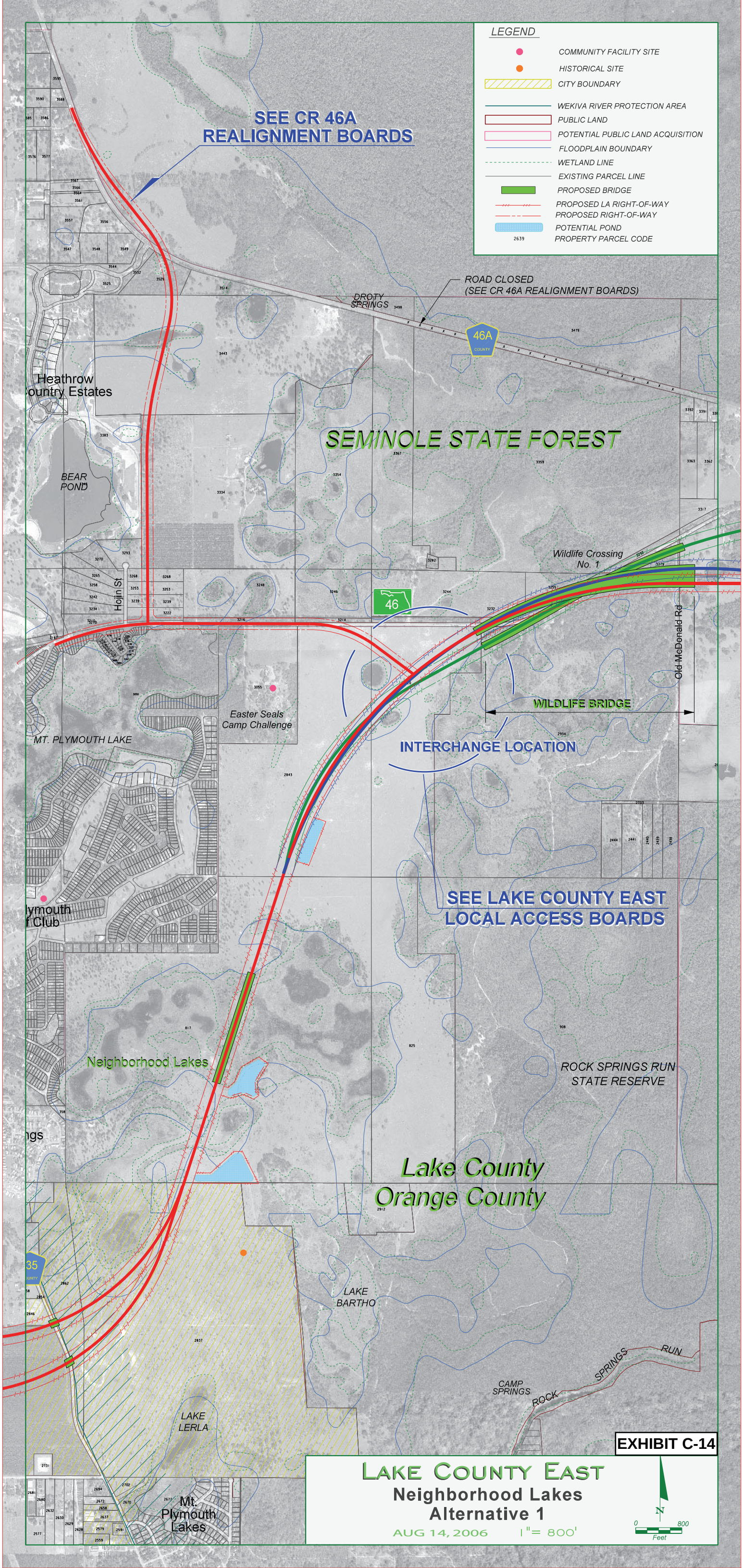
EXHIBIT C-13

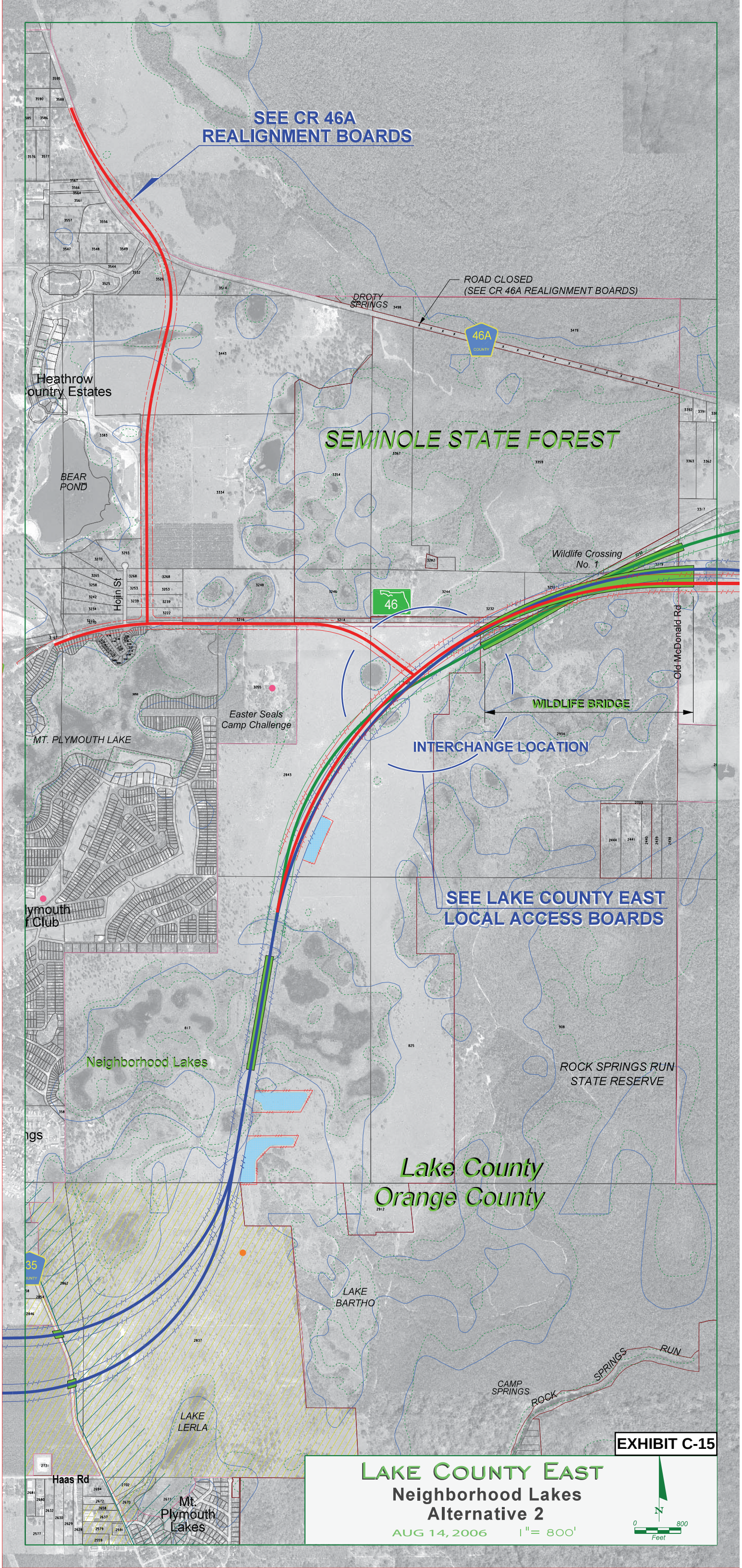
LAKE COUNTY WEST
US 441 / SR 46 Interchange
At Grade
Alternative 3
JUNE 25, 2006 1" = 200'

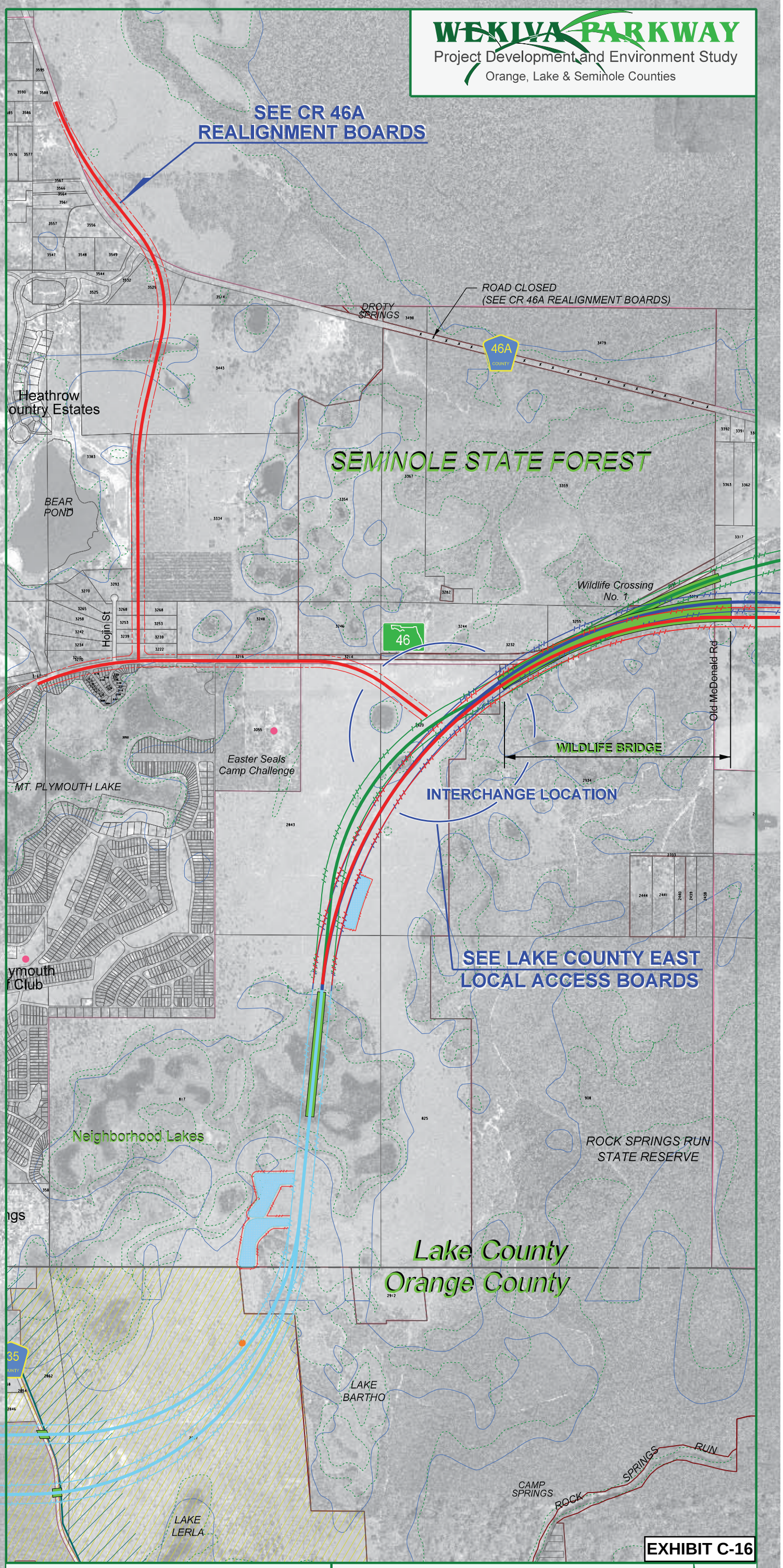
N
0 200 Feet

Lake County West
Interchange Alternatives Comparison

Alternative	Parcel Impacts	Area Impacts (Acres)					Noise (Potential Impacts within 200' of ROW)	Preliminary Construction Cost Estimate (2006 $)	Preliminary R/W Cost Estimate (2006 $)	Total Preliminary Cost Estimate (2006 $)
		Roadway	Pond	Public Land	100-Year Floodplain	Wetland	Residential Dwellings			
US 441/SR 46 Interchange Alternative 1 **(Exhibit C-11)**	19	10	3	1	9	7	78 (77 Dwellings within 200' of existing R/W)	71.2 M	6.0 M	77.2 M
US 441/SR 46 Interchange Alternative 2 **(Exhibit C-12)**	18	8	3	<1	9	7	78 (77 Dwellings within 200' of existing R/W)	53.7 M	4.8 M	58.5 M
US 441/SR 46 Interchange Alternative 3 **(Exhibit C-13)**	18	8	3	<1	9	7	78 (77 Dwellings within 200' of existing R/W)	50.9 M	5.3 M	56.2 M


LEGEND
COMMUNITY FACILITY SITE
HISTORICAL SITE
CITY BOUNDARY
WEKIVA RIVER PROTECTION AREA
PUBLIC LAND
POTENTIAL PUBLIC LAND ACQUISITION
FLOODPLAIN BOUNDARY
WETLAND LINE
EXISTING PARCEL LINE
PROPOSED BRIDGE
PROPOSED LA RIGHT-OF-WAY
PROPOSED RIGHT-OF-WAY
POTENTIAL POND
2639 PROPERTY PARCEL CODE
SEE CR 46A
REALIGNMENT BOARDS
ROAD CLOSED
(SEE CR 46A REALIGNMENT BOARDS)
DROTY SPRINGS
46A
COUNTY
Heathrow
Country Estates
SEMINOLE STATE FOREST
BEAR POND
Hojin St
Wildlife Crossing
No. 1
46
Old McDonald Rd
WILDLIFE BRIDGE
Easter Seals
Camp Challenge
MT. PLYMOUTH LAKE
INTERCHANGE LOCATION
SEE LAKE COUNTY EAST
LOCAL ACCESS BOARDS
Neighborhood Lakes
ROCK SPRINGS RUN
STATE RESERVE
Lake County
Orange County
LAKE
BARTHO
CAMP
SPRINGS
ROCK
SPRINGS
RUN
LAKE
LERLA
Mt.
Plymouth
Lakes
EXHIBIT C-14
LAKE COUNTY EAST
Neighborhood Lakes
Alternative 1
AUG 14, 2006
1"= 800'
N
0
800
Feet


SEE CR 46A
REALIGNMENT BOARDS
ROAD CLOSED
(SEE CR 46A REALIGNMENT BOARDS)
DROTY SPRINGS
46A
COUNTY
Heathrow
ountry Estates
SEMINOLE STATE FOREST
BEAR POND
Hojin St
Wildlife Crossing
No. 1
46
Old McDonald Rd
WILDLIFE BRIDGE
Easter Seals
Camp Challenge
MT. PLYMOUTH LAKE
INTERCHANGE LOCATION
ymouth
f Club
SEE LAKE COUNTY EAST
LOCAL ACCESS BOARDS
Neighborhood Lakes
ROCK SPRINGS RUN
STATE RESERVE
ngs
Lake County
Orange County
35
LAKE
BARTHO
CAMP
SPRINGS
ROCK
SPRINGS
RUN
LAKE
LERLA
EXHIBIT C-15
Haas Rd
Mt.
Plymouth
Lakes
LAKE COUNTY EAST
Neighborhood Lakes
Alternative 2
AUG 14, 2006
1"= 800'
N
0
800
Feet


WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties
SEE CR 46A
REALIGNMENT BOARDS
ROAD CLOSED
(SEE CR 46A REALIGNMENT BOARDS)
DROTY SPRINGS
46A
Heathrow
ountry Estates
SEMINOLE STATE FOREST
BEAR POND
Wildlife Crossing
No. 1
Hojin St
46
Old McDonald Rd
WILDLIFE BRIDGE
Easter Seals
Camp Challenge
MT. PLYMOUTH LAKE
INTERCHANGE LOCATION
ymouth
f Club
SEE LAKE COUNTY EAST
LOCAL ACCESS BOARDS
Neighborhood Lakes
ROCK SPRINGS RUN
STATE RESERVE
ngs
Lake County
Orange County
35
LAKE
BARTHO
CAMP
SPRINGS
ROCK
SPRINGS
RUN
LAKE
LERLA
EXHIBIT C-16
EXPRESSWAY
AUTHORITY
STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION
DISTRICT FIVE
CH2MHILL
225 E. Robinson Street, Suite 505
Orlando, FL 32801-4321
Tel 407.423.0030
Cert. of Authorization No. 000072
LAKE COUNTY EAST
Neighborhood Lakes
Alternative 3
AUG 14, 2006
1"= 800'
N
0
800
Feet

Lake County East
Neighborhood Lakes Alignment Alternatives Comparison

Alternative	Parcel Impacts	Area Impacts (Acres)					Noise (Potential Impacts within 200' of ROW)	Other	Preliminary Construction Cost Estimate (2006 $)	Preliminary R/W Cost Estimate (2006 $)	Total Preliminary Cost Estimate (2006 $)
		Roadway	Pond	Public Land	100-Year Floodplain	Wetland	Parks and Conservation Areas				
Alternative 1 Western Alignment through Neighborhood Lakes **(Exhibit C-14)**	8	120	35	29	15	7	2 (SSF, RSRSR)		163.3 M	12.0 M	175.3 M
Alternative 2 Central Alignment through Neighborhood Lakes **(Exhibit C-15)**	8	118	36	29	18	9	2 (SSF, RSRSR)		163.7 M	12.0 M	175.7 M
Alternative 3 Eastern Alignment through Neighborhood Lakes **(Exhibit C-16)**	7	121	47	37	13	6	2 (SSF, RSRSR)	May impact Civil War soldier's gravesite (exact location unknown.)	163.6 M	12.2 M	175.8 M

SSF -Seminole State Forest

RSRSR - Rock Springs Run State Reserve

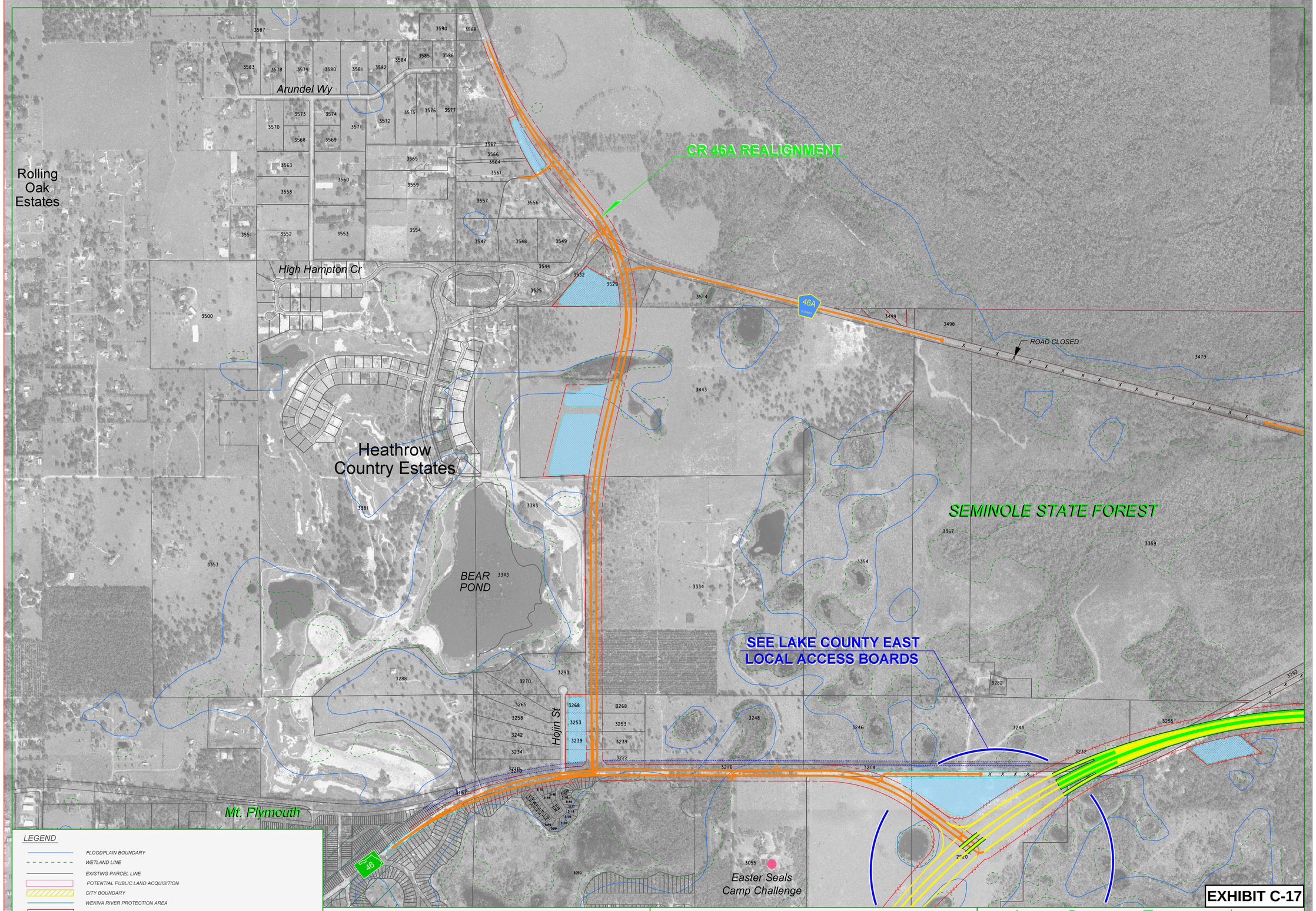


EXHIBIT C-17

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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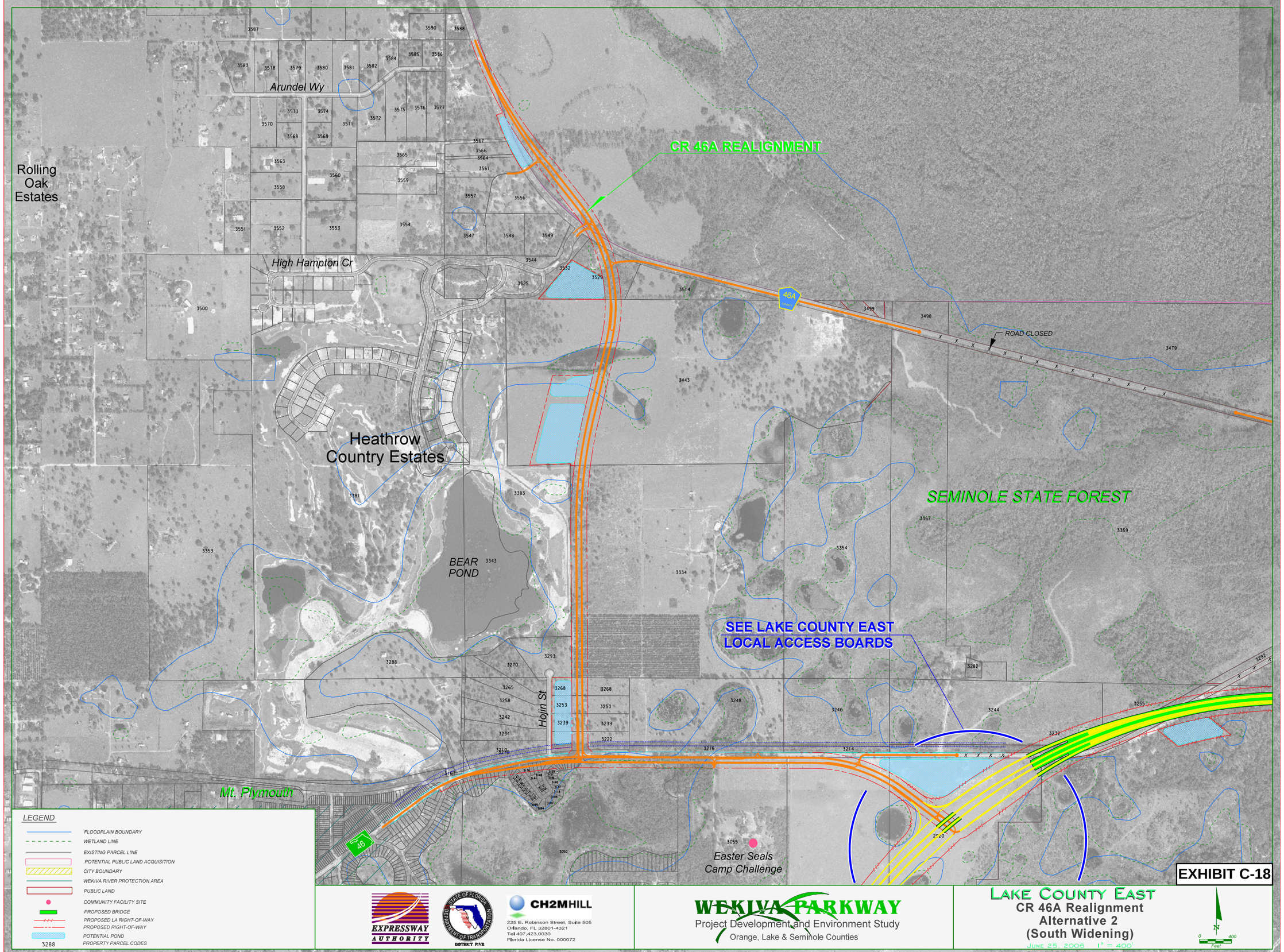
Florida License No. 000072

WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

LAKE COUNTY EAST
CR 46A Realignment
Alternative 1
(North Widening)
JUNE 25, 2006 1" = 400'

N
0 400 Feet


Arundel Wy
Rolling Oak Estates
High Hampton Cr
CR 46A REALIGNMENT
464
ROAD CLOSED
Heathrow Country Estates
SEMINOLE STATE FOREST
BEAR POND
SEE LAKE COUNTY EAST LOCAL ACCESS BOARDS
Hojin St
Mt. Plymouth
46
Easter Seals Camp Challenge
LEGEND
FLOODPLAIN BOUNDARY
WETLAND LINE
EXISTING PARCEL LINE
POTENTIAL PUBLIC LAND ACQUISITION
CITY BOUNDARY
WEKIVA RIVER PROTECTION AREA
PUBLIC LAND
COMMUNITY FACILITY SITE
PROPOSED BRIDGE
PROPOSED LA RIGHT-OF-WAY
PROPOSED RIGHT-OF-WAY
POTENTIAL POND
3288 PROPERTY PARCEL CODES
EXPRESSWAY AUTHORITY
STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT FIVE
CH2MHILL
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Orlando, FL 32801-4321
Tel 407.423.0030
Florida License No. 000072
WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties
LAKE COUNTY EAST
CR 46A Realignment
Alternative 2
(South Widening)
JUNE 25, 2006 1" = 400'
N
0 400
Feet
EXHIBIT C-18

CR 46A and Neighborhood Lakes Interchange
Alignment Alternatives Comparison

Alternative	Parcel Impacts	Area Impacts (Acres)					Noise (Potential Impacts within 200' of ROW)		Other	Preliminary Construction Cost Estimate (2006 $)	Preliminary R/W Cost Estimate (2006 $)	Total Preliminary Cost Estimate (2006 $)
		Roadway	Pond	Public Land	100-Year Floodplain	Wetland	Residential Dwellings	Parks and Conservation Areas				
Alternative 1 (North Widening) **(Exhibit C-17)**	62	55	22	1	13	2	8	1 (SSF)	Impacts 1.8 acres of Camp Challenge property.	38.1 M	14.3 M	52.4 M
Alternative 2 (South Widening) **(Exhibit C-18)**	52	54	22	0	15	2	7	1 (SSF)	Impacts 4.2 acres of Camp Challenge property.	38.1 M	13.2 M	51.3 M

SSF - Seminole State Forest

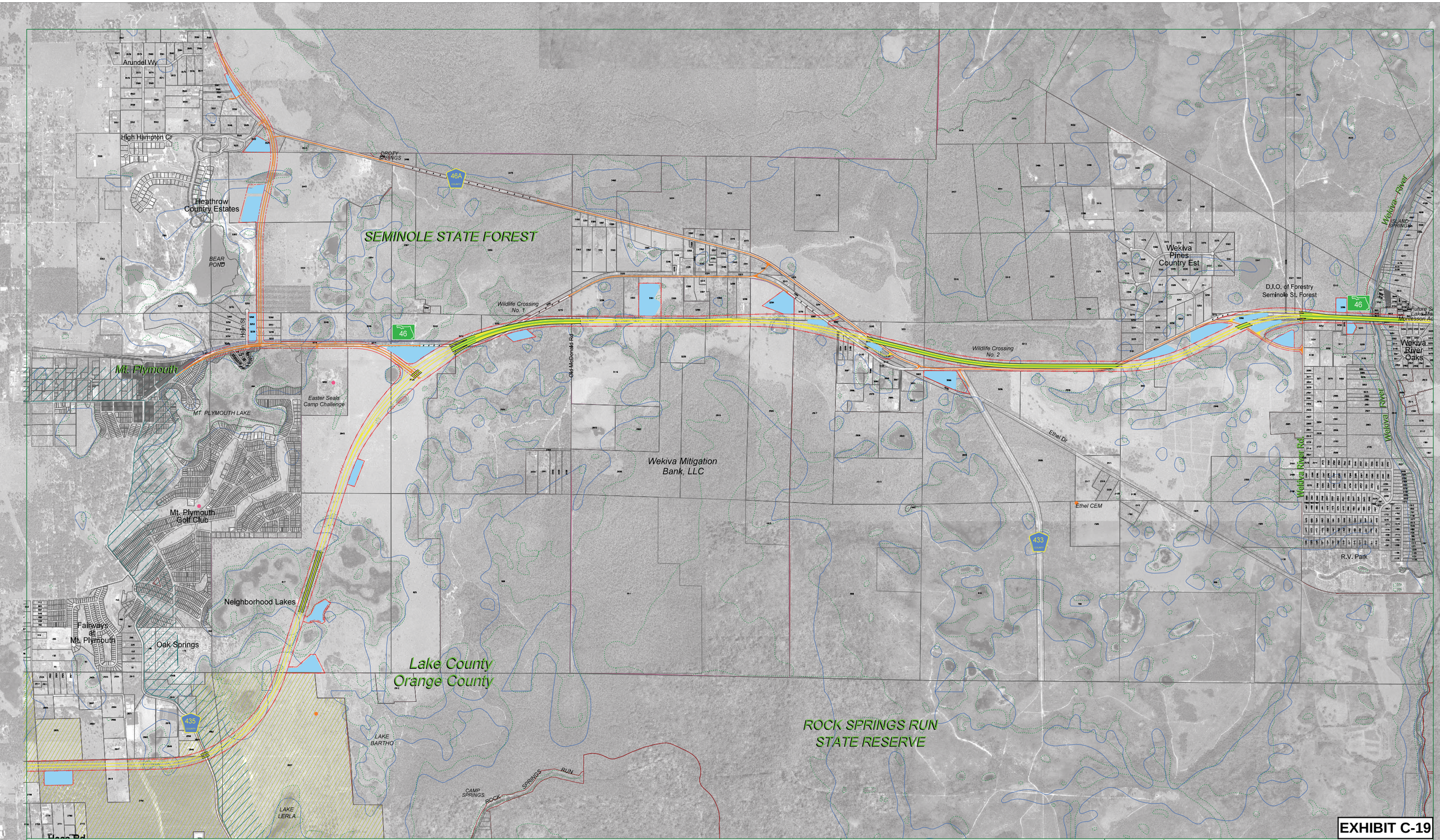

EXHIBIT C-19

LEGEND

- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- WEKIVA RIVER PROTECTION AREA
- CITY BOUNDARY
- POTENTIAL PUBLIC LAND ACQUISITION
- PUBLIC LAND
- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 291.0 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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Orlando, FL 32801-4321
Tel 407.423.0030
Cert. of Authorization No. 000072

WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

LAKE COUNTY EAST
Local Access South Alignment
Alternative 1
(Split Diamond Interchange)
Aug 14, 2006 1"= 800'

N
0 800
Feet

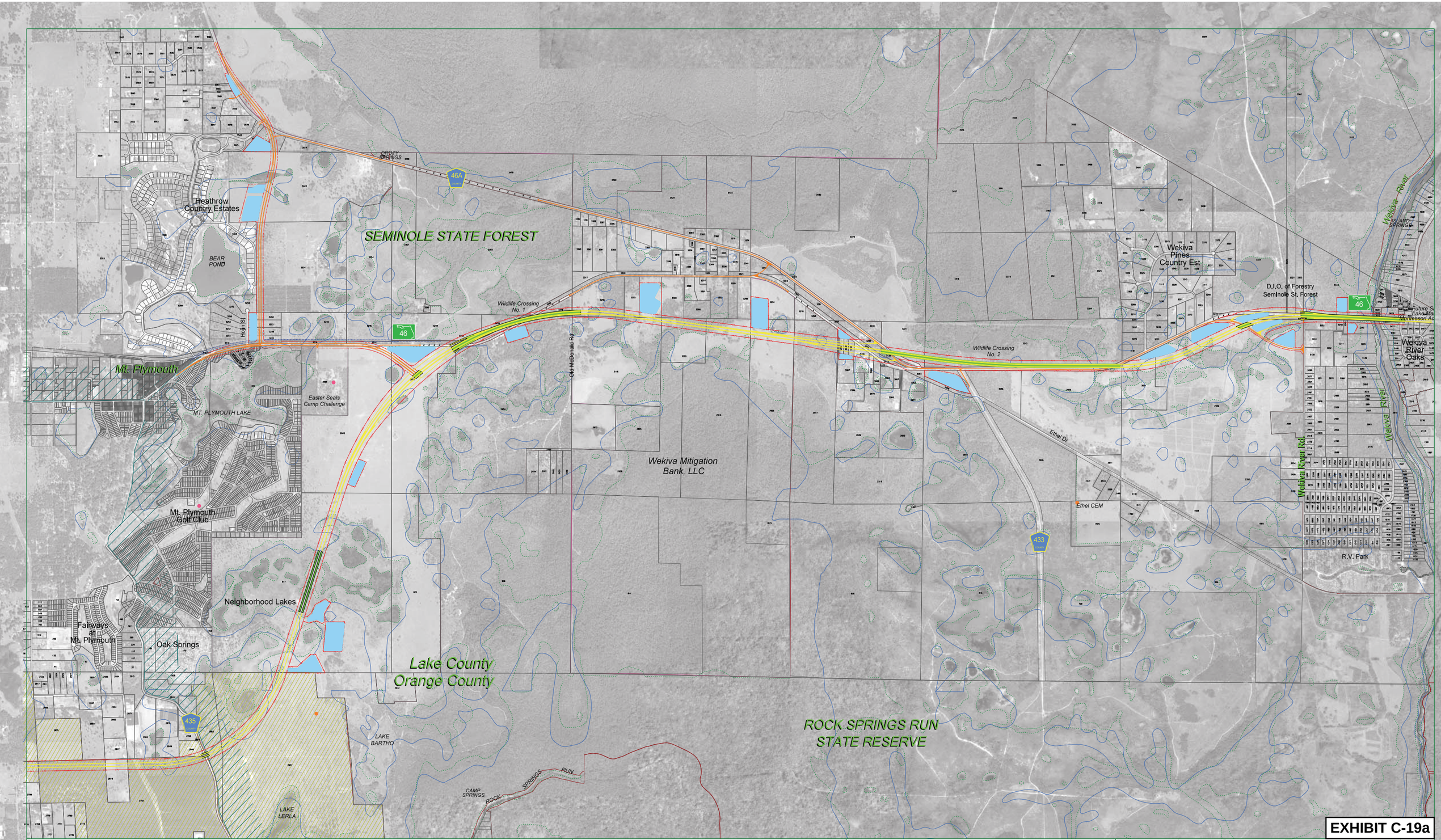

EXHIBIT C-19a

LEGEND

- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- POTENTIAL PUBLIC LAND ACQUISITION
- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 825 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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Orlando, FL 32801-4321
Tel 407.423.0030
Cert. of Authorization No. 000072

WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

LAKE COUNTY EAST
Local Access Blue Alignment
Alternative 1A
(Split Diamond Interchange)
October 25, 2006 1" = 800'

N
0 800 Feet

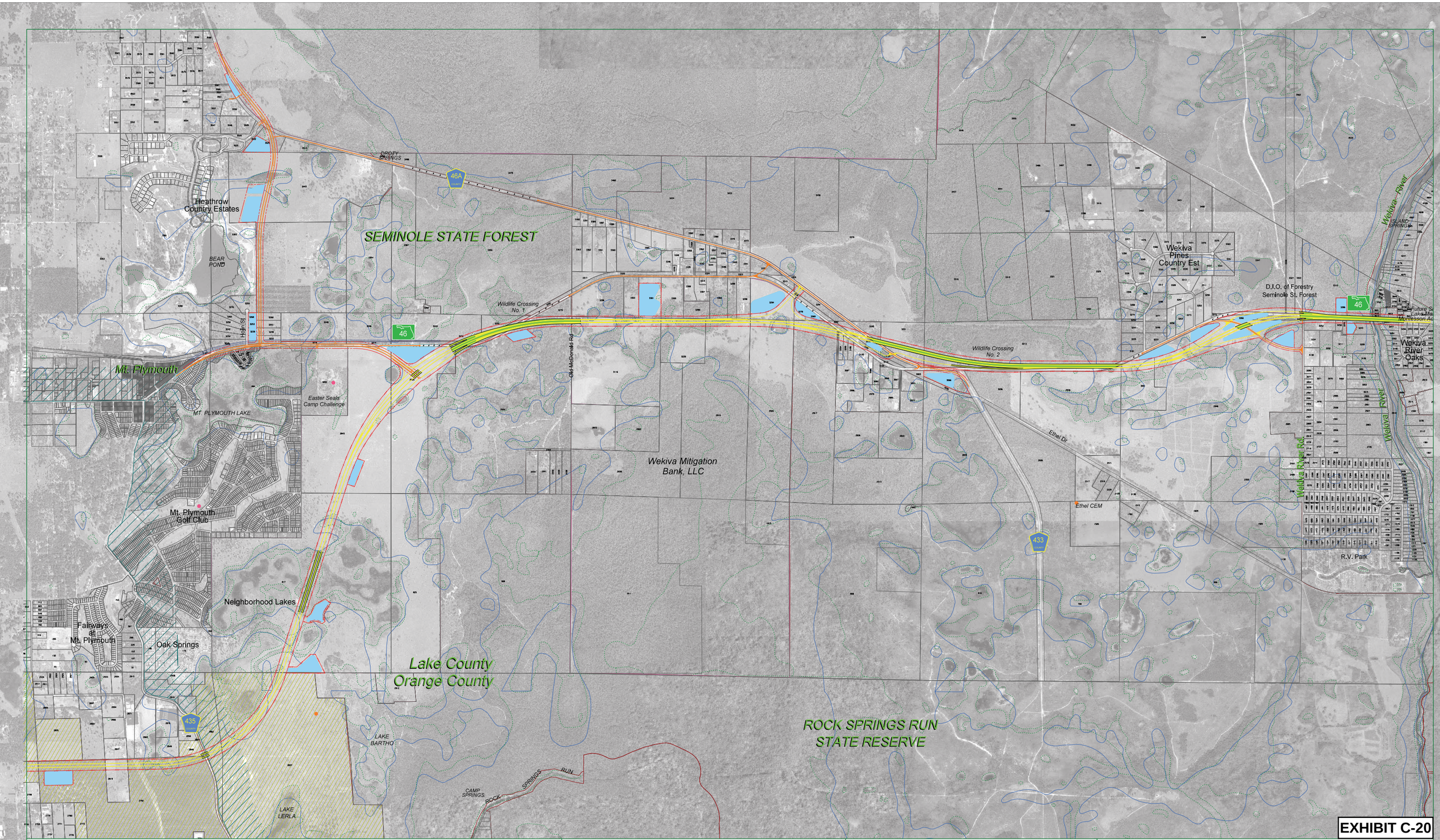

EXHIBIT C-20

LEGEND

- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- POTENTIAL PUBLIC LAND ACQUISITION
- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 825 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

LAKE COUNTY EAST
Local Access South Alignment
Alternative 2
(Three Full Interchanges)
Aug 14, 2006 1"= 800'

N
0 800
Feet

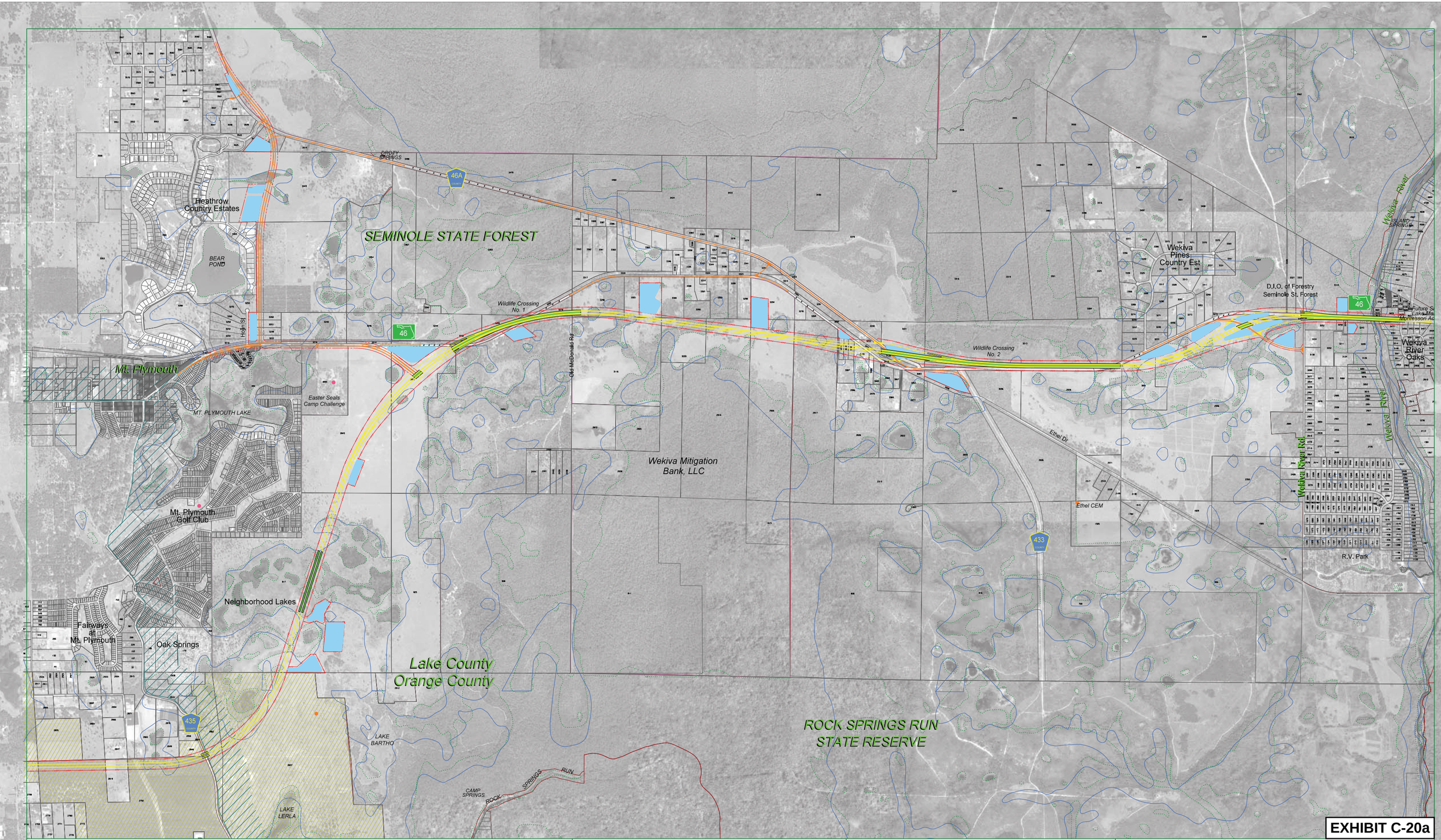

EXHIBIT C-20a

LEGEND

- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- POTENTIAL PUBLIC LAND ACQUISITION
- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 825 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

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WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

LAKE COUNTY EAST
Local Access Blue Alignment
Alternative 2A
(Full Interchange)
October 25, 2006 1" = 800'

N
0 800 Feet

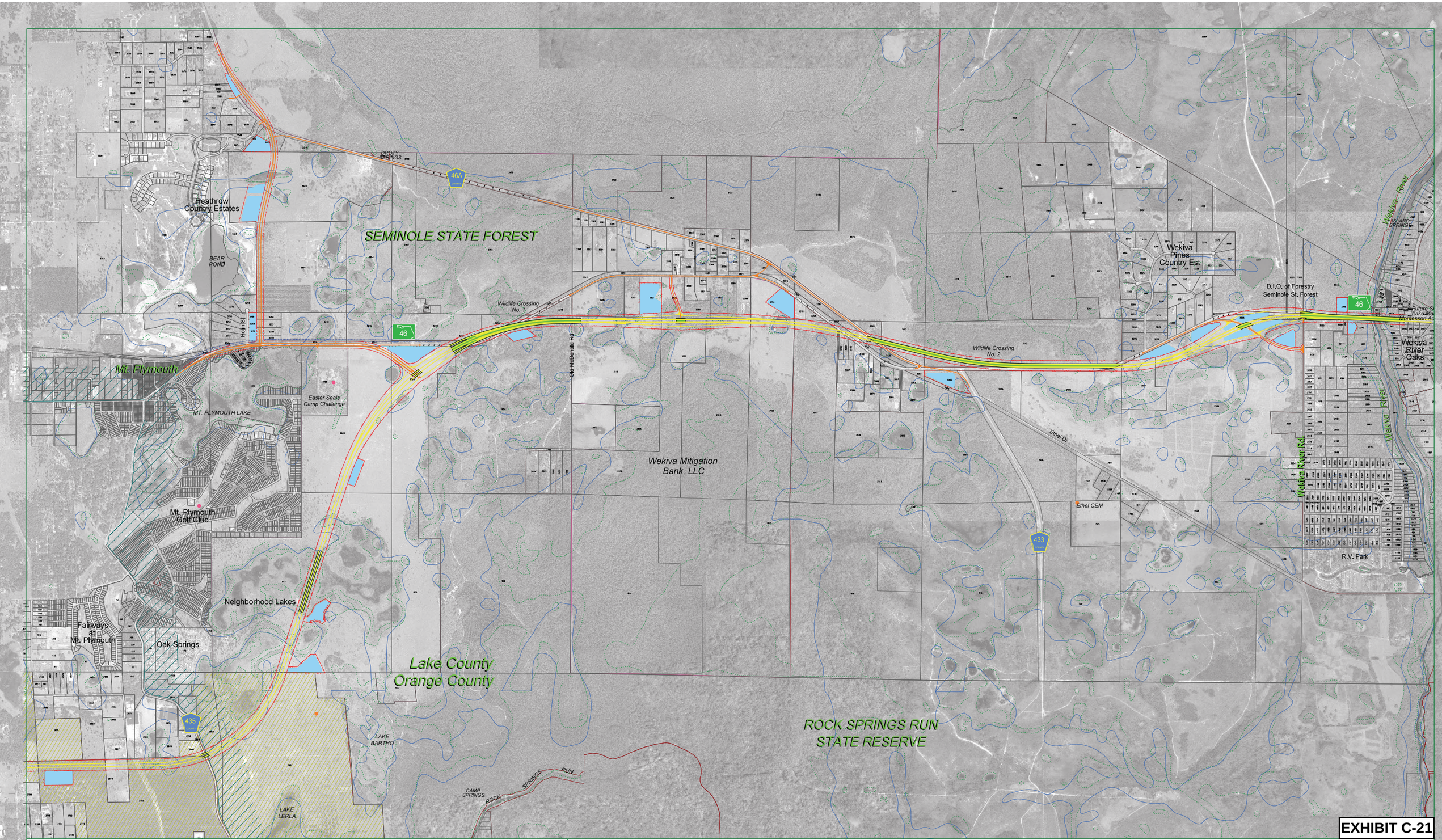

EXHIBIT C-21

LEGEND

- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- POTENTIAL PUBLIC LAND ACQUISITION
- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 825 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

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WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

LAKE COUNTY EAST
Local Access South Alignment
Alternative 3
(Three Full Interchanges)
Aug 14, 2006 1"= 800'

N
0 800
Feet

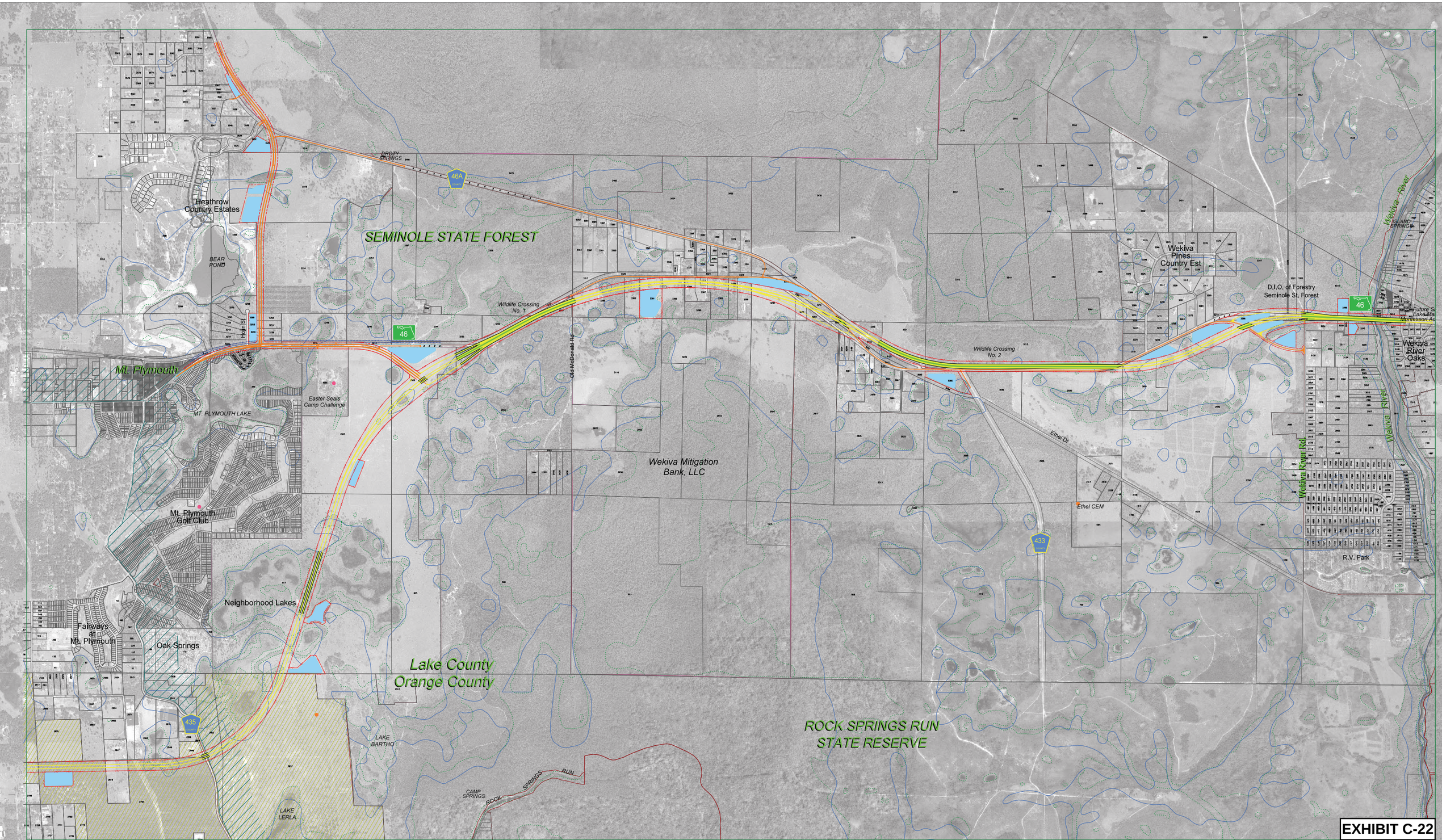

EXHIBIT C-22

LEGEND

- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- POTENTIAL PUBLIC LAND ACQUISITION
- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 825 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

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Project Development and Environment Study
Orange, Lake & Seminole Counties

LAKE COUNTY EAST
Local Access North Alignment
Alternative 4
(Split Diamond Interchange)
Aug 14, 2006 1" = 800'

N
0 800 Feet

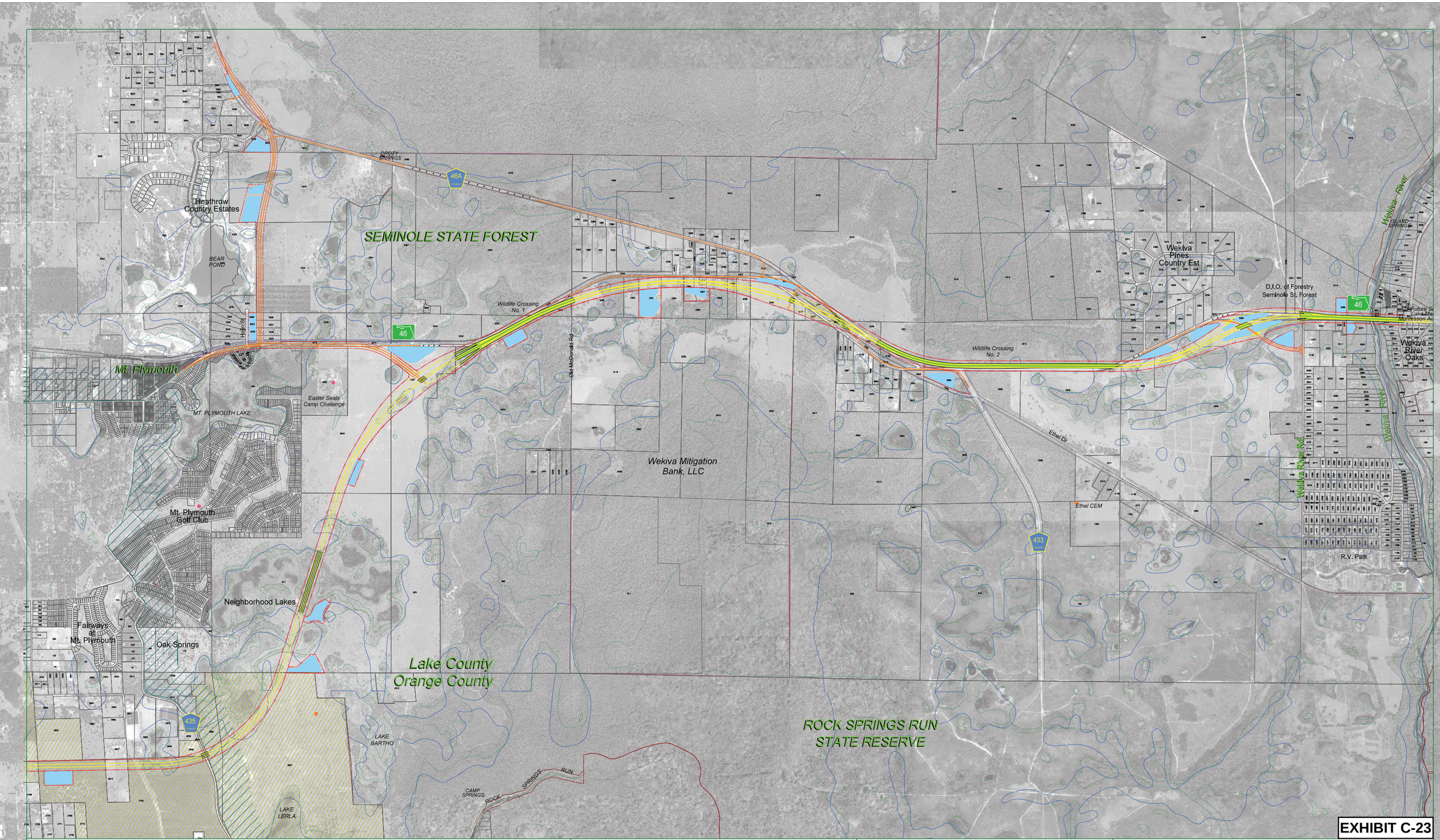

EXHIBIT C-23

LEGEND

- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- POTENTIAL PUBLIC LAND ACQUISITION
- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 825 PROPERTY PARCEL CODES

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Project Development and Environment Study
Orange, Lake & Seminole Counties

LAKE COUNTY EAST
Local Access North Alignment
Alternative 5
(Three Full Interchanges)
Aug 14, 2006 1"= 800'

N
0 800
Feet

Lake County East
Local Access Interchange Alternatives Comparison

Alternative	Parcel Impacts	Area Impacts (Acres)						Displacements			Noise (Potential Impacts within 200' of ROW)		Other	Preliminary Construction Cost Estimate (2006 $)	Preliminary R/W Cost Estimate (2006 $)	Total Preliminary Cost Estimate (2006 $)
		Roadway	Pond	Relocated Gas Easement	Public Land	100-Year Floodplain	Wetland	Residential	Nursery	Commercial	Residential Dwellings	Parks and Conservation Areas				
Local Access South Alignment Alternative 1 **(Exhibit C-19)**	53	174	64	5	140	24	15	1	2	0	3	2 (SSF, RSRSR)	Split-diamond Interchange[1]	312.5 M	16.0 M	328.5 M
Local Access South Alignment Alternative 2 **(Exhibit C-20)**	55	201	66	5	157	27	16	1	2	0	4	2 (SSF, RSRSR)	Full Interchanges[2]	341.3 M	16.4 M	357.7 M
Local Access South Alignment Alternative 3 **(Exhibit C-21)**	50	188	60	5	143	26	18	1	2	0	3	2 (SSF, RSRSR)	Full Interchanges[2]	330.9 M	15.1 M	346.0 M
Local Access North Alignment Alternative 4 **(Exhibit C-22)**	54	171	63	5	135	16	7	7	2	1 (Cell Tower)	7	2 (SSF, RSRSR)	Split-diamond Interchange[1]	312.9 M	31.3 M	344.2 M
Local Access North Alignment Alternative 5 **(Exhibit C-23)**	49	186	60	5	139	19	8	7	2	1 (Cell Tower)	10	2 (SSF, RSRSR)	Full Interchanges[2]	330.9 M	31.0 M	361.9 M
Local Access South Alignment Alternative 1A (Blue Alignment) **(Exhibit C-19a)**	45	171	68	5	137	23	17	4	0	0	4	2 (SSF, RSRSR)	Split-diamond Interchange[1]	312.6 M	21.3 M	333.9 M
Local Access South Alignment Alternative 2A (Blue Alignment) **(Exhibit C-20a)**	47	192	60	5	153	26	18	4	0	0	4	2 (SSF, RSRSR)	Full Interchanges[2]	341.4 M	21.3 M	362.7 M

SSF -Seminole State Forest

RSRSR - Rock Springs Run State Reserve

[1] Split-diamond Interchange: A portion of SR 46 remains open between CR 46A remnant and the connector to Wekiva River Road.

[2] Full Interchanges: SR 46 closed from west of CR 433 to Wekiva Pines Country Estates entrance.

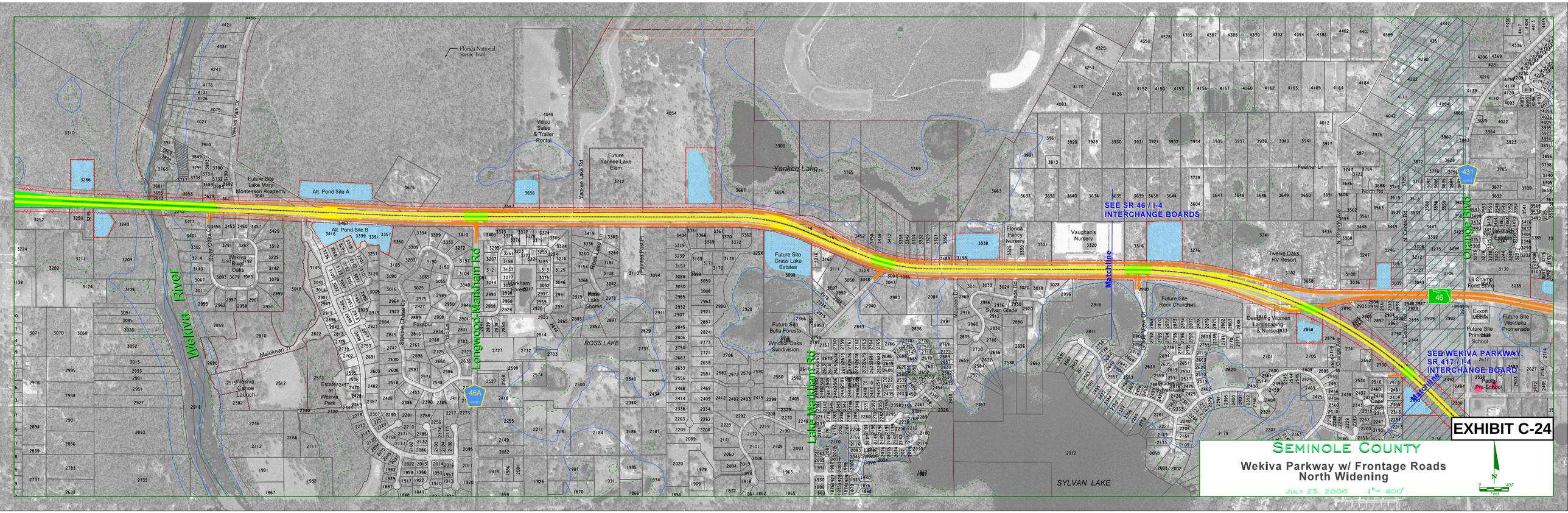
EXHIBIT C-24
SEMINOLE COUNTY
Wekiva Parkway w/ Frontage Roads
North Widening
JULY 25, 2006
1"= 400'
SEE SR 46 / I-4
INTERCHANGE BOARDS
SEE WEKIVA PARKWAY,
SR 417 / I-4
INTERCHANGE BOARD
Wekiva River
Longwood-Markham Rd
Lake Markham Rd
Orange Blvd
Yankee Lake
ROSS LAKE
SYLVAN LAKE
Florida National Scenic Trail
Wilco Sales & Trailer Rental
Future Yankee Lake Elem.
Future Site Lake Mary Montessori Academy
Alt. Pond Site A
Alt. Pond Site B
Wekiva River Oaks
Markham Forest
Foxpur
Estates at Wekiva Park
Wekiva Canoe Launch
Future Site Grass Lake Estates
Future Site Bella Foresta
Windsor Oaks Subdivision
Ross Lake Shores
Vaughan's Nursery
Florida Fancy Nursery
Sylvan Glade
Twelve Oaks RV Resort
Future Site Rock Church
Deseiling Women Landscaping & Nursery
Lil Champ Food Store
Exxon
Future Site Westlake Promenade
Future Site Primrose School
Machine
Feather Ln
Norm Rd
Clarcona Ave
Clarcona-Ocoee Rd
Malekean Tr
Stepping Chase Cir
Polo Ln
Ross Lake Ln
Planted Post Pt
Maureen Dr
Chase View Dr
Hiawassee Rd
Hartwick Ln
Sylvan Cove
46
46A
431

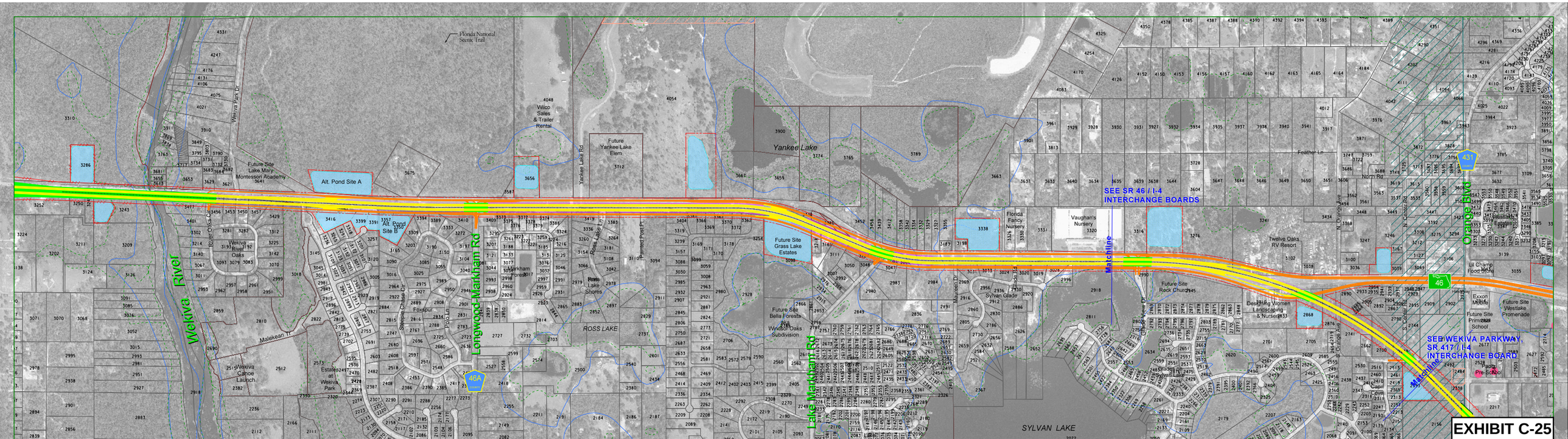

EXHIBIT C-25

LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- PUBLIC LAND
- CITY BOUNDARY
- POTENTIAL CONTAMINATION SITE
- WEKIVA RIVER PROTECTION AREA
- COMMUNITY FACILITY SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 2184 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

SEMINOLE COUNTY
Wekiva Parkway w/ Frontage Roads
South Widening
JULY 25, 2006 1"= 400'

N
0 400

SEE FRONTAGE ROADS NORTH & SOUTH WIDENING BOARDS

Matchline

Wayside Dr

International Parkway

Wilson Rd.

Rinehart Rd

Orange Blvd

Paola

SANFORD

TWIN LAKES

Lil Champ Food Store
Bank of America
7-11
BP Gas
Waffle House
Chevron
Exxon Mobile
Future Site Westlake Promenade
Future Site Primrose School
Holy Cross Daycare
Heritage Retirement Facility
Wayside Woods
Seminole Co Fire Sta #34
Mobile
Hops
Don Pablo
Springhill Suites
Towne Center Plaza
Courtesy Ford
Orlando Ale House
Paola Pre School
Oakleigh Woods
Sylvan Lake CEM
Future Site International Parkway Village
The Brick Rd
Woodruff Springs Rd
Grant Line Rd
Seminole Towne Center
Existing Pond By Others
Capri Cove
Walden View Dr
Academy of Learning
Wilson Place
Future Site Savannah Park at Heathrow
Wilson Elem
Towne Center Blvd
Future Site Wilson Park aka Riverton Subdivision
United Artists Theatre
MarketPlace @ Sem.Twin Center
Cobblestone Crossings
Lake Sten
Truss Lake
Beckey's Nursery
Water Treatment Plant
CarMax
Power Sports
David Maus Toyota
Existing Pond to Remain
Courtesy Honda
Courtesy Chrysler Jeep
Colonial Grand
Paola Rd
Hills of Lake Mary
Upsala Rd

LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- POTENTIAL CONTAMINATION SITE
- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- POTENTIAL POND
- 110 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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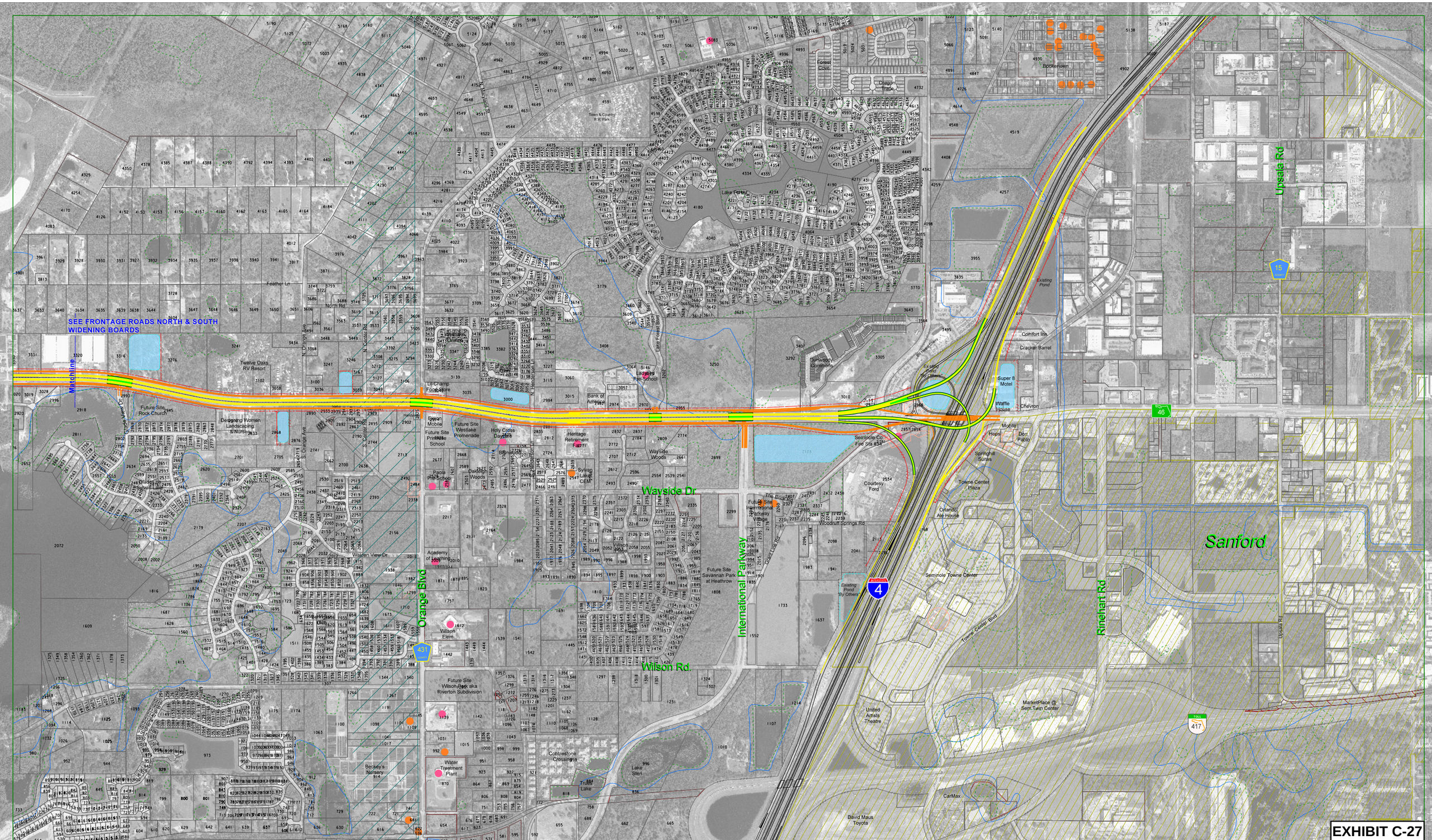
WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

SEMINOLE COUNTY
Viable Alternatives
Wekiva Parkway, SR 417 / I-4 Interchange
JUNE 25, 2006 1" = 400'

N
0 400 Feet

EXHIBIT C-26



LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- POTENTIAL CONTAMINATION SITE
- PUBLIC LAND
- WEKIVA RIVER PROTECTION AREA
- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 1128 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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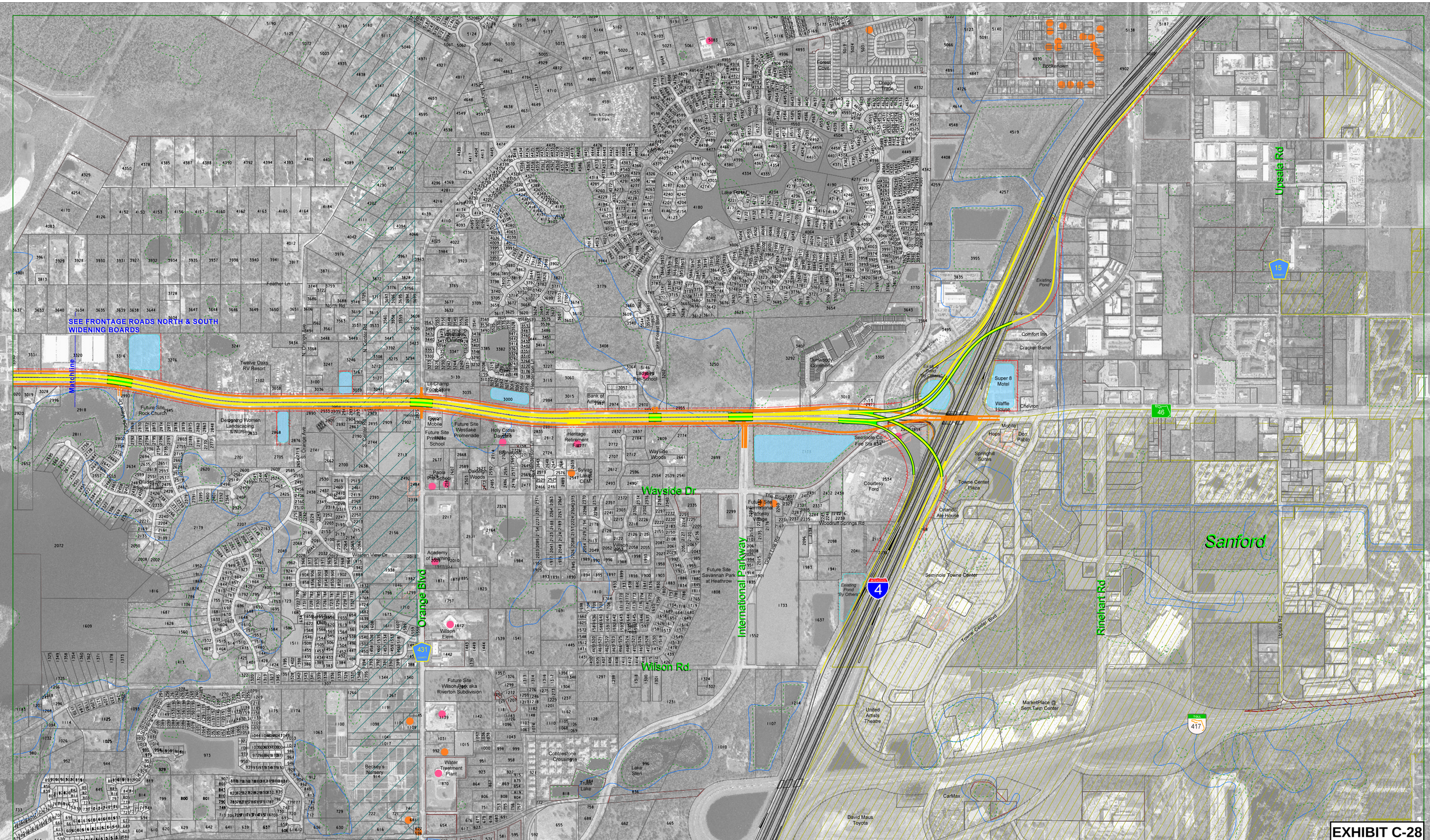
Tel 407.423.0030
Florida License No. 000072

WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

EXHIBIT C-27

SEMINOLE COUNTY
Viable Alternatives
SR 46 / I-4 Interchange Alternative 1
JULY 25, 2006 1"= 400'

N
0 400
Feet



LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- POTENTIAL CONTAMINATION SITE
- PUBLIC LAND
- WEKIVA RIVER PROTECTION AREA
- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 1128 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION — MOBILITY FIVE

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WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

EXHIBIT C-28

SEMINOLE COUNTY
Viable Alternatives
SR 46 / I-4 Interchange Alternative 2
JULY 25, 2006 1"= 400'

N
0 400
FEET

Seminole County Alternatives Comparison (from Wekiva River to I-4)																
Alternative	Parcel Impacts	Area Impacts (Acres)						Displacements			Noise (Potential Impacts within 200' of ROW)		Other	Preliminary Construction Cost Estimate (2006 $)	Preliminary R/W Cost Estimate (2006 $)	Total Preliminary Cost Estimate (2006 $)
		Roadway	Pond	Relocated Gas Easement	Public Land	100-Year Floodplain	Wetland	Residential	Nursery	Commercial/ Other	Residential Dwellings	Parks and Conservation Areas				
SR 417/I-4 Connection Alternatives																
Wekiva Parkway to SR 417/I-4 Interchange North Widening **(Exhibits C-24 and C-26)**	133	134	76	11	23 or 29[1]	11	20	16 or 18[2]	2	2	56 or 58[2]	2 (LWRPSP, SC Conservation[3])	Requires relocation of existing 26" gas line.	596.6 M	139.5 M	736.1 M
Wekiva Parkway to SR 417/I-4 Interchange South Widening **(Exhibits C-25 and C-26)**	152	132	79	0	11 or 17[1]	11	21	18 or 20[2]	1	2	59 or 61[2]	2 (LWRPSP, SC Conservation[3])		579.0 M	165.4 M	744.4 M
SR 46/I-4 Connection Alternatives																
Wekiva Parkway to SR 46/I-4 Interchange Alt 1 North Widening **(Exhibits C-24 and C-27)**	159	73	70	11	24 or 30[1]	9	29	12 or 14[2]	2	12 (Requires displacement of Fire Station)	46 or 48[2]	2 (LWRPSP, SC Conservation[3])	Requires relocation of existing 26" gas line.	582.6 M	198.6 M	781.2 M
Wekiva Parkway to SR 46/I-4 Interchange Alt 1 South Widening **(Exhibits C-25 and C-27)**	174	72	72	0	11 or 17[1]	9	30	14 or 16[2]	1	12 (Requires displacement of Fire Station)	49 or 51[2]	2 (LWRPSP, SC Conservation[3])		565.0 M	224.5 M	789.5 M
Wekiva Parkway to SR 46/I-4 Interchange Alt 2 North Widening **(Exhibits C-24 and C-28)**	155	62	82	11	23 or 29[1]	10	35	12 or 14[2]	2	7 (Requires displacement of Fire Station)	46 or 48[2]	2 (LWRPSP, SC Conservation[3])	Requires relocation of existing 26" gas line.	572.4 M	174.8 M	747.2 M
Wekiva Parkway to SR 46/I-4 Interchange Alt 2 South Widening **(Exhibits C-25 and C-28)**	169	61	84	0	11 or 17[1]	10	36	14 or 16[2]	1	7 (Requires displacement of Fire Station)	49 or 51[2]	2 (LWRPSP, SC Conservation[3])		555.0 M	200.7 M	755.7 M

LWRPSP - Lower Wekiva River Preserve State Park
Public land includes county and state owned lands (excluding FDOT property).
[1] Additional acreage required if Pond Alt. A is located north of SR 46 within LWRPSP .
[2] Pond Alt. B, located south of SR 46, will impact the common area and two newly built homes within Estates at Wekiva Park which are not shown on aerials.
[3] SC Conservation Area is the the area south of SR 46 and north of Wekiva Canoe Launch.

Potential Contamination Risks:
All Wekiva Parkway to SR 46/I-4 Interchange Alternatives impact gas storage tanks at 4 convenience store/gas station locations, in addition to requiring displacement of Seminole County Fire Station #34. Removal of these facilities presents a potential high contamination risk which is not included in the construction cost estimate.

Wekiva Parkway to SR 46/I-4 Interchange Alt. 1 requires displacement of Comfort Inn, Super 8 Motel, Waffle House, and Cracker Barrel.
Wekiva Parkway to SR 46/I-4 Interchange Alt. 2 requires displacement of Super 8 Motel and Waffle House, and impacts perimeter road at Seminole Towne Center Mall.
Both SR 46/I-4 interchange alternatives impact Bill Heard Chevrolet and Courtesy Ford.

APPENDIX D

ALTERNATIVES REFINED AFTER JULY-AUGUST 2006 PUBLIC WORKSHOPS
EXHIBITS AND COMPARATIVE ASSESSMENT SPREADSHEETS

CONTENTS:

Exhibit D-1 Wekiva Parkway to SR 417/I-4 Interchange Alternative A

Exhibit D-2 Wekiva Parkway to SR 417/I-4 Interchange Alternative B

Exhibit D-3 Wekiva Parkway to SR 417/I-4 Interchange Alternative C

Exhibit D-4 Wekiva Parkway to SR 417/I-4 Refined Viable Alternative 1

Exhibit D-5 Wekiva Parkway to SR 417/I-4 Refined Viable Alternative 2

Seminole County Alternatives Comparison (with Additional Alternatives) Spreadsheet

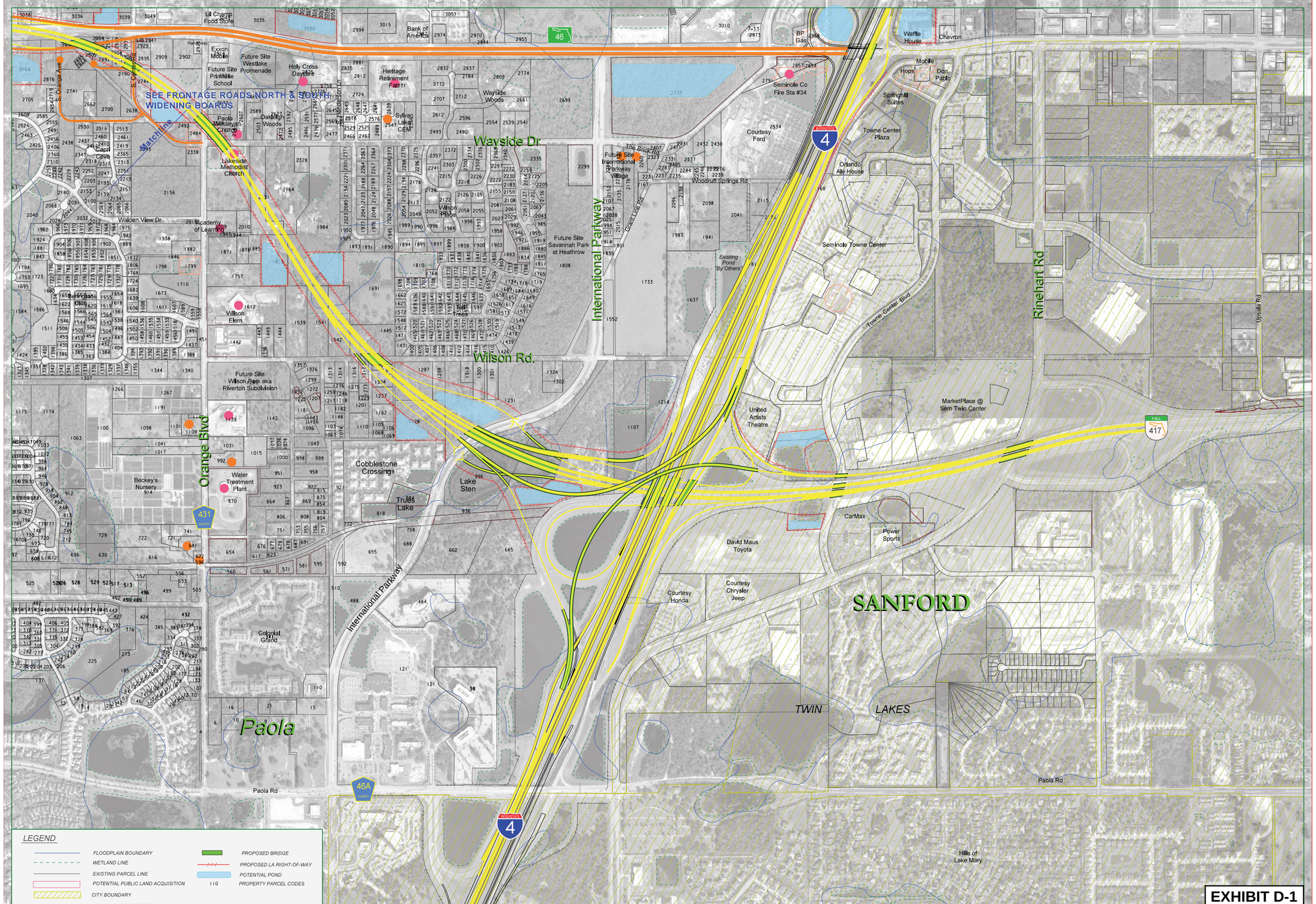
Exhibit D-6 CR 46A Realignment Alternatives 1A, 1B, 1C, and 1D

CR 46A Realignment Alternatives Comparison (with Additional Alternatives) Spreadsheet

Exhibit D-7 Orange County GreenPlace Alternative 3A

Exhibit D-8 Orange County GreenPlace Alternative 3B

Orange County Alignment Comparison North of Kelly Park Road Spreadsheet



LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- POTENTIAL CONTAMINATION SITE
- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- POTENTIAL POND
- 110 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

SEMINOLE COUNTY
Wekiva Parkway, SR 417 / I-4 Interchange - Alternative A
October 25, 2006 1" = 400'

N
0 400 Feet

EXHIBIT D-1

LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- POTENTIAL CONTAMINATION SITE
- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- POTENTIAL POND
- 110 PROPERTY PARCEL CODES

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WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

SEMINOLE COUNTY
Wekiva Parkway, SR 417 / I-4 Interchange - Alternative B
October 25, 2006 1" = 400'

N
0 400 Feet

EXHIBIT D-2

LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- POTENTIAL CONTAMINATION SITE
- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- POTENTIAL POND
- 110 PROPERTY PARCEL CODES

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WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

SEMINOLE COUNTY
Wekiva Parkway, SR 417 / I-4
Interchange - Alternative C
October 25, 2006 1" = 400'

N
0 400 Feet

EXHIBIT D-3

LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- POTENTIAL CONTAMINATION SITE
- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- POTENTIAL POND
- 110 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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Orlando, FL 32801-4321
Tel 407.423.0030
Florida License No. 000072

WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

SEMINOLE COUNTY
Wekiva Parkway, SR 417 / I-4
Interchange - Refined Viable Alternative 1

OCTOBER 25, 2006 1" = 400'

0 400 Feet

EXHIBIT D-4

SEE FRONTAGE ROADS NORTH & SOUTH WIDENING BOARDS

Matchline

Wayside Dr

Wilson Rd.

International Parkway

Orange Blvd

Rinehart Rd

Paola

SANFORD

TWIN LAKES

Lil Champ Food Store
Bank of America
7-11
BP Gas
Waffle House
Chevron
Exxon Mobile
Future Site Westlake Promenade
Future Site Primrose School
Holy Cross Daycare
Heritage Retirement Facility
Wayside Woods
Seminole Co Fire Sta #34
Mobile Hops
Don Pablo
Springhill Suites
Paola Wesleyan Church
Oakleigh Woods
Sylvan Lake CEM
Courtesy Ford
Towne Center Plaza
Lakeside Methodist Church
The Brick Rd
Future Site International Parkway Village
Woodruff Springs Rd
Orlando Ale House
Walden View Dr
Academy of Learning
Wilson Place
Future Site Savannah Park at Heathrow
Grant Line Rd
Existing Pond "By Others"
Seminole Towne Center
Towne Center Blvd
Wilson Elem
Future Site Wilson Park aka Riverton Subdivision
United Artists Theatre
MarketPlace @ Sem Twin Center
Beckey's Nursery
Water Treatment Plant
Cobblestone Crossing
Lake Sten
Truss Lake
CarMax
Power Sports
David Maus Toyota
Courtesy Honda
Courtesy Chrysler Jeep
Colonial Grand
Paola Rd
Hills of Lake Mary

LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- POTENTIAL CONTAMINATION SITE
- COMMUNITY FACILITY SITE
- HISTORICAL SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- POTENTIAL POND
- 110 PROPERTY PARCEL CODES

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WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

SEMINOLE COUNTY
Wekiva Parkway, SR 417 / I-4
Interchange - Refined Viable Alternative 2

OCTOBER 25, 2006 1" = 400'

N
0 400 Feet

EXHIBIT D-5

Seminole County Alternatives Comparison (from Wekiva River to I-4)																
Alternative	Parcel Impacts	Area Impacts (Acres)						Displacements			Noise (Potential Impacts within 200' of ROW)		Other	Preliminary Construction Cost Estimate (2006 $)	Preliminary R/W Cost Estimate (2006 $)	Total Preliminary Cost Estimate (2006 $)
		Roadway	Pond	Relocated Gas Easement	Public Land	100-Year Floodplain	Wetland	Residential	Nursery	Commercial/ Other	Residential Dwellings	Parks and Conservation Areas				
SR 417/I-4 Connection Alternatives																
Wekiva Parkway to SR 417/I-4 Interchange North Widening **(Exhibits C-24 and D-26)**	133	134	76	11	23 or 29[1]	11	20	16 or 18[2]	2	2	56 or 58[2]	2 (LWRPSP, SC Conservation[3])	Requires relocation of existing 26" gas line.	596.6 M	139.5 M	736.1 M
Wekiva Parkway to SR 417/I-4 Interchange South Widening **(Exhibits C-25 and D-26)**	152	132	79	0	11 or 17[1]	11	21	18 or 20[2]	1	2	59 or 61[2]	2 (LWRPSP, SC Conservation[3])		579.0 M	165.4 M	744.4 M
Wekiva Parkway to SR 417/I-4 Interchange North Widening Alternative A **(Exhibits C-24 and D-1)**	138	132	79	11	22 or 28[1]	12	21	23 or 25[2]	2	2 (Requires displacement of Lakeside Methodist Church)	44 or 46[2]	2 (LWRPSP, SC Conservation[3])	Requires relocation of existing 26" gas line.	605.4 M	158.7 M	764.1 M
Wekiva Parkway to SR 417/I-4 Interchange South Widening Alternative A **(Exhibits C-25 and D-1)**	157	130	82	0	10 or 16[1]	12	22	25 or 27[2]	1	2 (Requires displacement of Lakeside Methodist Church)	49 or 51[2]	2 (LWRPSP, SC Conservation[3])		585.8 M	184.7 M	770.5 M
Wekiva Parkway to SR 417/I-4 Interchange North Widening Alternative B **(Exhibits C-24 and D-2)**	133	128	79	11	22 or 28[1]	11	20	18 or 20[2]	2	1	48 or 50[2]	2 (LWRPSP, SC Conservation[3])	Requires relocation of existing 26" gas line.	600.1 M	145.3 M	745.4 M
Wekiva Parkway to SR 417/I-4 Interchange South Widening Alternative B **(Exhibits C-25 and D-2)**	152	126	82	0	10 or 16[1]	11	21	20 or 21[2]	1	1	51 or 53[2]	2 (LWRPSP, SC Conservation[3])		582.5 M	171.2 M	753.7 M
Wekiva Parkway to SR 417/I-4 Interchange North Widening Alternative C **(Exhibits C-24 and D-3)**	130	127	75	11	22 or 28[1]	12	19	19 or 20[2]	2	2 (Requires displacement of Rock Church)	48 or 50[2]	2 (LWRPSP, SC Conservation[3])	Requires relocation of existing 26" gas line.	601.1 M	147.0 M	748.1 M
Wekiva Parkway to SR 417/I-4 Interchange South Widening Alternative C **(Exhibits C-25 and D-3)**	149	125	78	0	10 or 16[1]	12	20	21 or 22[2]	1	1 (Requires displacement of Rock Church)	51 or 53[2]	2 (LWRPSP, SC Conservation[3])		583.5 M	172.9 M	756.4 M
Wekiva Parkway to SR 417/I-4 Interchange North Widening Refined Viable Alternative 1 **(Exhibits C-24 and D-4)**	133	132	76	11	23 or 29[1]	11	19	18 or 20[2]	2	2	56 or 58[2]	2 (LWRPSP, SC Conservation[3])	Requires relocation of existing 26" gas line.	596.6 M	139.0 M	735.6 M
Wekiva Parkway to SR 417/I-4 Interchange South Widening Refined Viable Alternative 1 **(Exhibits C-25 and D-4)**	152	130	79	0	11 or 17[1]	11	20	20 or 22[2]	1	2	59 or 61[2]	2 (LWRPSP, SC Conservation[3])		579.0 M	164.9 M	743.9 M
Wekiva Parkway to SR 417/I-4 Interchange North Widening Refined Viable Alternative 2 **(Exhibit C-25 and D-5)**	131	128	79	11	23 or 29[1]	12	20	17 or 19[2]	2	2	56 or 58[2]	2 (LWRPSP, SC Conservation[3])	Requires relocation of existing 26" gas line.	599.1 M	147.0 M	746.1 M
Wekiva Parkway to SR 417/I-4 Interchange South Widening Refined Viable Alternative 2 **(Exhibit C-25 and D-5)**	150	126	82	0	11 or 17[1]	12	21	20 or 22[2]	1	2	59 or 61[2]	2 (LWRPSP, SC Conservation[3])		581.5 M	172.9 M	754.4 M
SR 46/I-4 Connection Alternatives																
Wekiva Parkway to SR 46/I-4 Interchange Alt 1 North Widening **(Exhibits C-24 and C-27)**	159	73	70	11	24 or 30[1]	9	29	12 or 14[2]	2	12 (Requires displacement of Fire Station)	46 or 48[2]	2 (LWRPSP, SC Conservation[3])	Requires relocation of existing 26" gas line.	582.6 M	198.6 M	781.2 M
Wekiva Parkway to SR 46/I-4 Interchange Alt 1 South Widening **(Exhibits C-25 and C-27)**	174	72	73	0	11 or 17[1]	9	30	14 or 16[2]	1	12 (Requires displacement of Fire Station)	49 or 51[2]	2 (LWRPSP, SC Conservation[3])		565.0 M	224.5 M	789.5 M
Wekiva Parkway to SR 46/I-4 Interchange Alt 2 North Widening **(Exhibits C24 and C-28)**	155	61	73	11	17 or 23[1]	10	35	12 or 14[2]	2	7 (Requires displacement of Fire Station)	46 or 48[2]	2 (LWRPSP, SC Conservation[3])	Requires relocation of existing 26" gas line.	572.4 M	174.8 M	747.2 M
Wekiva Parkway to SR 46/I-4 Interchange Alt 2 South Widening **(Exhibits C-25 and C-28)**	169	61	76	0	11 or 17[1]	10	36	14 or 16[2]	1	7 (Requires displacement of Fire Station)	49 or 51[2]	2 (LWRPSP, SC Conservation[3])		555.0 M	200.7 M	755.7 M

LWRPSP - Lower Wekiva River Preserve State Park
Public land includes county and state owned lands (excluding FDOT property).
[1] Additional acreage required if Pond Alt. A is located north of SR 46 within LWRPSP .
[2] Pond Alt. B, located south of SR 46, will impact the common area and two newly built homes within Estates at Wekiva Park which are not shown on aerials.
[3] SC Conservation Area is the the area south of SR 46 and north of Wekiva Canoe Launch.

Potential Contamination Risks:
All Wekiva Parkway to SR 46/I-4 Interchange Alternatives impact gas storage tanks at 4 convenience store/gas station locations, in addition to
requiring displacement of Seminole County Fire Station #34. Removal of these facilities presents a potential high contamination risk which is not included in the construction cost estimate.

Wekiva Parkway to SR 46/I-4 Interchange Alt. 1 requires displacement of Comfort Inn, Super 8 Motel, Waffle House, and Cracker Barrel.
Wekiva Parkway to SR 46/I-4 Interchange Alt. 2 requires displacement of Super 8 Motel and Waffle House, and impacts perimeter road at Seminole Towne Center Mall.
Both SR 46/I-4 interchange alternatives impact Bill Heard Chevrolet and Courtesy Ford.

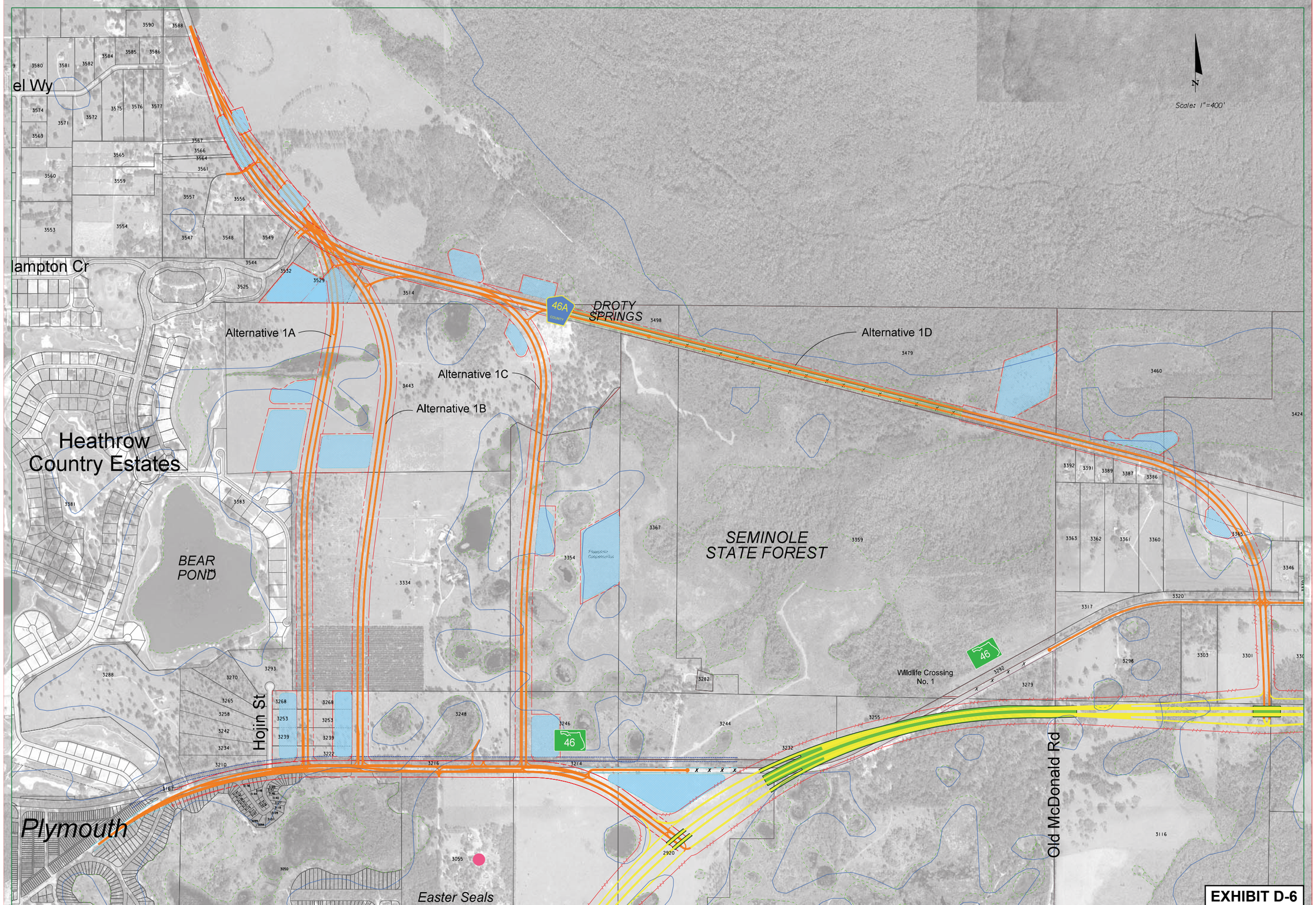

EXHIBIT D-6

LEGEND

- FLOODPLAIN BOUNDARY
- WETLAND LINE
- EXISTING PARCEL LINE
- POTENTIAL PUBLIC LAND ACQUISITION
- CITY BOUNDARY
- WEKIVA RIVER PROTECTION AREA
- PUBLIC LAND
- COMMUNITY FACILITY SITE
- PROPOSED BRIDGE
- PROPOSED LA RIGHT-OF-WAY
- PROPOSED RIGHT-OF-WAY
- POTENTIAL POND
- 3288 PROPERTY PARCEL CODES

EXPRESSWAY AUTHORITY

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FIVE

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WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties

LAKE COUNTY EAST
CR 46A Realignment
Alternatives 1A, 1B, 1C and 1D

October 25, 2006 1" = 400'

N
0 400
Feet

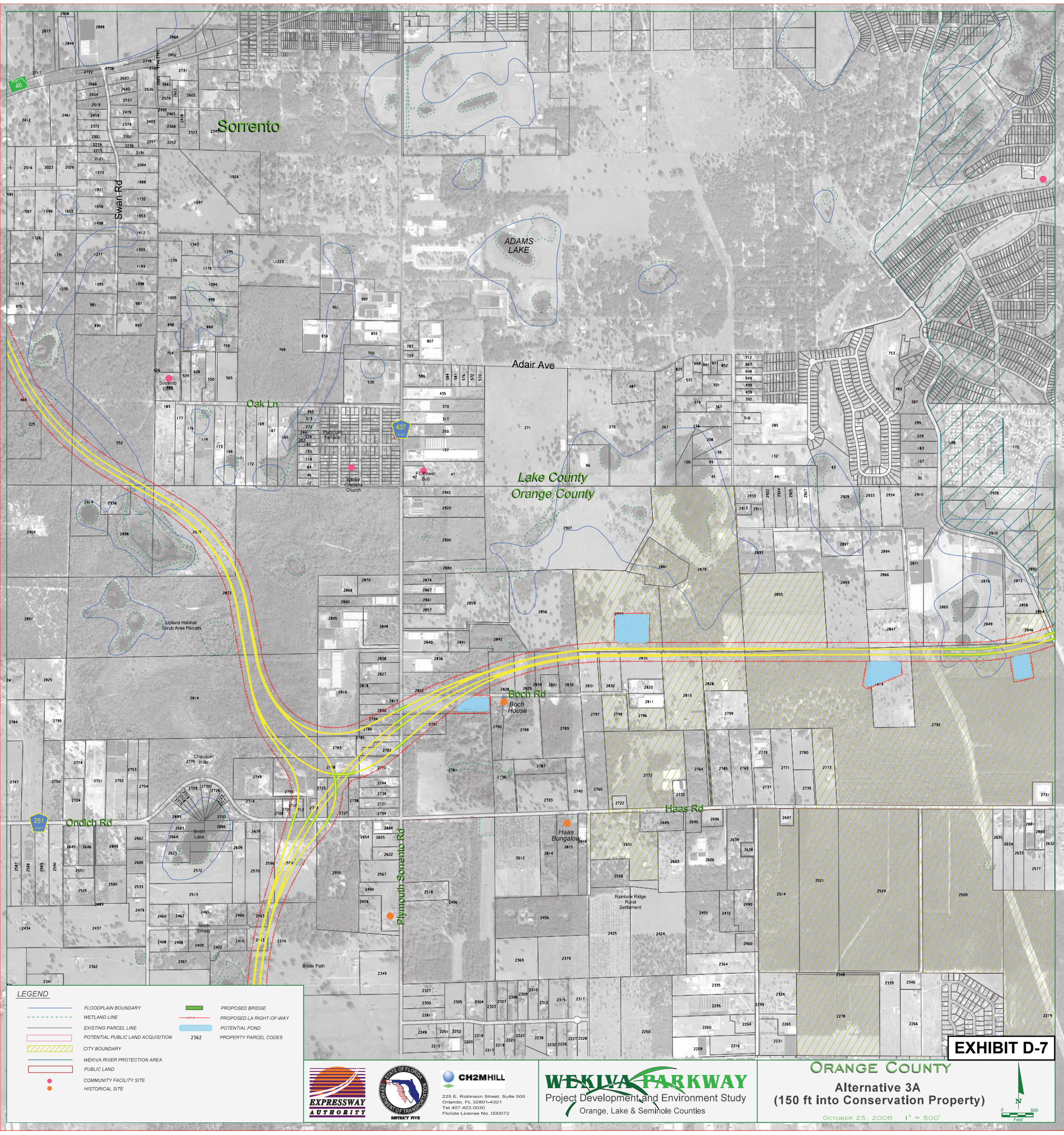
CR 46A Realignment
Alternatives Comparison

Alternative	Parcel Impacts	Area Impacts (Acres)					Displacements	Noise (Potential Impacts within 200' of ROW)		Other	Preliminary Construction Cost Estimate (2006 $)	Preliminary R/W Cost Estimate (2006 $)	Total Preliminary Cost Estimate (2006 $)
		Roadway	Pond	Public Land	100-Year Floodplain	Wetland	Residential	Residential Dwellings	Parks and Conservation Areas				
Alternative 1 (North Widening) (Previously Shown in Exhibit C-17)	62	55	22	1	13	2	0	14	1 (SSF)	Impacts 1.8 acres of Camp Challenge property.	38.1 M	14.3 M	52.4 M
Alternative 2 (South Widening) (Previously Shown in Exhibit C-18)	52	54	22	0	15	2	0	14	1 (SSF)	Impacts 4.2 acres of Camp Challenge property.	38.1 M	13.2 M	51.3 M
Alternative 1A Offset 50 feet to East **(Exhibit D-6)**	61	55	22	1	13	2	0	14	1 (SSF)	Impacts 1.8 acres of Camp Challenge property.	38.6 M	14.6 M	53.2 M
Alternative 1B Offset 800 feet to East **(Exhibit D-6)**	63	56	16	1	5	2	0	1	1 (SSF)	Impacts 1.8 acres of Camp Challenge property.	38.8 M	13.9 M	52.7 M
Alternative 1C Offset 2700 feet to East **(Exhibit D-6)**	21	49	29	37	15	4	0	3	1 (SSF)	Impacts 1.8 acres of Camp Challenge property.	39.8 M	4.7 M	44.5 M
Alternative 1D CR 46A Modification on Existing Alignment (Bridge Alternative) **(Exhibit D-6)**	39	51	26	23	5	4	0	8	1 (SSF)	Impacts 1.8 acres of Camp Challenge property.	114.9 M	7.9 M	122.8 M

SSF - Seminole State Forest

Note: CR 46A Alternatives 1A, 1B, and 1C were developed based on the North Widening concept.

* For Alternatives 1, 2, and 1A, 13 of the 14 dwellings indicated to potentially be impacted by noise are located in Phase III of the Heathrow Country Estates development.
The number of homes potentially impacted was estimated from the preliminary site plan obtained from Lake County Dept. of Public Works.
Construction of the infrastructure is nearly complete for Phase III; however, the final plat has not been submitted.


Sorrento
Swan Rd
ADAMS LAKE
Adair Ave
Oak Ln
Sorrento Cem
Plymouth Terrace
Iglesia Cristiana Church
FL Power Sub
Lake County
Orange County
Upland Habitat/ Scrub Area Parcels
Boch Rd
Boch House
Chaudoin Hills
Haas Rd
Haas Bungalow
Ondich Rd
Smith Lake
Plymouth-Sorrento Rd
Rainbow Ridge Rural Settlement
Smith Cmetery
Bridle Path
LEGEND
FLOODPLAIN BOUNDARY
WETLAND LINE
EXISTING PARCEL LINE
POTENTIAL PUBLIC LAND ACQUISITION
CITY BOUNDARY
WEKIVA RIVER PROTECTION AREA
PUBLIC LAND
COMMUNITY FACILITY SITE
HISTORICAL SITE
PROPOSED BRIDGE
PROPOSED LA RIGHT-OF-WAY
POTENTIAL POND
2362 PROPERTY PARCEL CODES
EXPRESSWAY AUTHORITY
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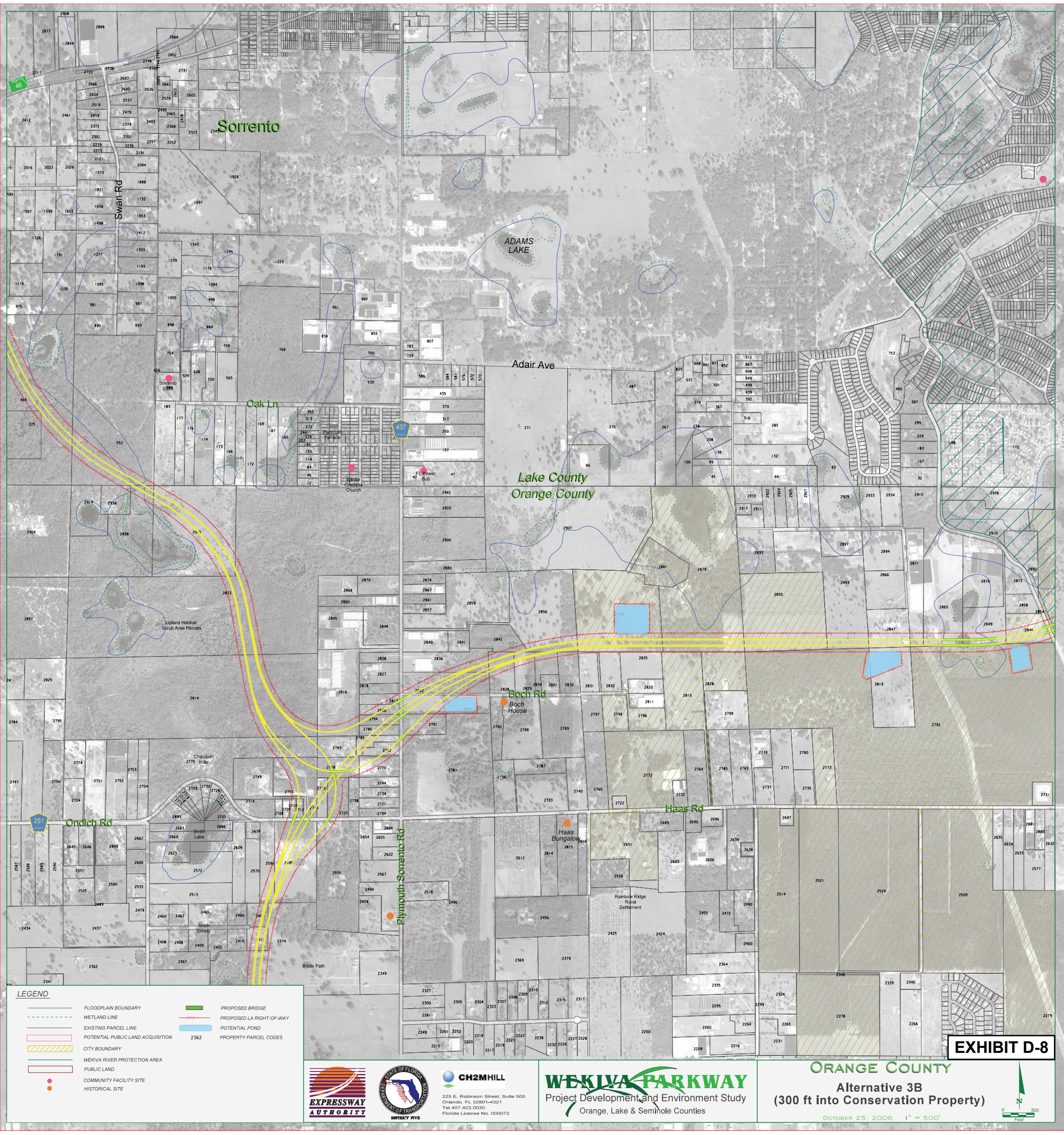
WEKIVA PARKWAY
Project Development and Environment Study
Orange, Lake & Seminole Counties
ORANGE COUNTY
Alternative 3A
(150 ft into Conservation Property)
October 25, 2006 1" = 500'
N
0 500 Feet
EXHIBIT D-7


Sorrento
Swan Rd
ADAMS LAKE
Adair Ave
Oak Ln
Sorrento Cemetery
Plymouth Terrace
Iglesia Cristiana Church
FL Power Sub
Lake County
Orange County
Upland Habitat/ Scrub Area Parcels
Boch Rd
Boch House
Chaudoin Hills
Haas Rd
Haas Bungalow
Ondich Rd
Smith Lake
Plymouth-Sorrento Rd
Rainbow Ridge Rural Settlement
Smith Cemetery
Bridle Path
LEGEND
FLOODPLAIN BOUNDARY
WETLAND LINE
EXISTING PARCEL LINE
POTENTIAL PUBLIC LAND ACQUISITION
CITY BOUNDARY
WEKIVA RIVER PROTECTION AREA
PUBLIC LAND
COMMUNITY FACILITY SITE
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Orange, Lake & Seminole Counties
ORANGE COUNTY
Alternative 3B
(300 ft into Conservation Property)
October 25, 2006 1" = 500'
N
0 500 Feet
EXHIBIT D-8

Orange County
Alignment Comparison North of Kelly Park Road

Alternative	Parcel Impacts	Area Impacts (Acres)					Displacements			Noise (Potential Impacts within 200' of ROW)		Preliminary Construction Cost Estimate (2006 $)	Preliminary R/W Cost Estimate (2006 $)	Total Preliminary Cost Estimate (2006 $)
		Roadway	Pond	Public Land	100-Year Floodplain	Wetland	Residential	Nursery	Other	Residential Dwellings	Parks and Conservation Areas			
GreenPlace Alternatives														
Alt. 3A - Western IC Alternative with Alignment 150 ft. into OC Conservation Property **(Exhibit D-7)**	59	222	17	19	12	3	17	1	2	8	2	172.5 M	34.8 M*	207.3 M**
Alt. 3B - Western IC Alternative with Alignment 300 ft. into OC Conservation Property **(Exhibit D-8)**	55	222	17	33	13	4	18	1	2	7	2	172.9 M	34.0 M*	206.9 M**
Viable Alternatives														
Western IC Alternative (Alt. 4) with Northern Alignment (OC Alt. 2) (Previously Shown in Exhibit C-7)	91	230	25	<1	16	3	21	2	1	10	2	145.7 M	46.5 M	192.2 M**
Western IC Alternative (Alt. 1) with Southern Alignment (OC Alt. 1) (Previously Shown in Exhibit C-4)	70	242	26	0	4	2	19	3	1	10	2	150.7 M	45.8 M	196.5 M

* The preliminary R/W cost estimates for Alts. 3A and 3B do not include any potential additional costs which may be associated with conservation land replacement.
** The total preliminary cost estimates for the Viable Alternatives with OC Alt. 2, Alt. 3A, and Alt. 3B do not include additional construction and right-of-way costs for maintaining access from Plymouth-Sorrento Rd. to Boch Rd.
Preliminary construction costs for Alternatives 3A and 3B include a structure over a floodplain/surface water west of CR 435, which would not be needed for OC Alt. 1 or OC Alt. 2.

Limits of this Comparative Assessment:
Wekiva Parkway from north of Kelly Park Road, east to the Orange/Lake County line in Neighborhood Lakes, and;
Wekiva Parkway/SR 46 Realignment Systems Interchange and roadway, northwest to the Orange/Lake County line.