

#GPC IV-18

Safe Routes to School Plans 2011

Appendices

August 2012



Prepared by



Kimley-Horn
and Associates, Inc.



Prepared for



APPENDICES

Appendix A: Prior Recipients of SRTS Grants

Appendix B: Prioritization Results

Appendix C: SRTS Survey Forms

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Appendix E: SRTS Maps and Cost Estimates

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APPENDIX A

Prior Recipients of SRTS Grants

SAFE ROUTES TO SCHOOLS (SRTS) INFRASTRUCTURE PROJECTS APPROVED

GROUP No. 1

FM #	SCHOOL NAME	REQUESTED FUNDING	FUNDING APPROVED	SCHOOL DISTRICT #	STATUS
422704-2	Holmes Elementary	\$70,221.79	\$70,221.79	2	Completed Begin Construction - August 2009 End Construction - June 2010
422704-2	Lenora Smith Elementary	\$302,340.42	\$302,340.42	2	
422704-2	Arcola Lakes Elementary	\$129,185.71	\$129,185.71	2	
422704-2	Charles R. Drew Elementary	\$78,887.81	\$78,887.81	2	
422704-2	Earlington Heights Elementary	\$235,226.56	\$235,226.56	2	
422704-2	Lillie C. Evans Elementary	\$262,767.87	\$262,767.87	2	
422704-2	Martin Luther King Elementary	\$62,741.67	\$62,741.67	2	
422704-2	Liberty City Elementary	\$51,638.64	\$51,638.64	2	
422704-2	Miami Park Elementary	\$116,845.81	\$116,845.81	2	
422704-2	Olinda Elementary	\$107,558.24	\$107,558.24	2	
422704-2	Orchard Villa Elementary	\$77,438.55	\$77,438.55	2	
422704-2	Kelsey L. Pharr Elementary	\$372,492.20	\$372,492.20	2	
422704-2	West Little River Elementary	\$332,070.38	\$332,070.38	2	
Sub-Total FM 422704-2		\$2,199,415.65	\$2,199,415.65		

GROUP No. 2

FM #	SCHOOL NAME	REQUESTED FUNDING	FUNDING APPROVED	SCHOOL DISTRICT #	STATUS
425908-1	Poinciana Park Elementary	\$170,908.97	Not specified*	2	Design approval \$1 million approved to be distributed within 10 schools. Please note that funding has not been specified yet for each school.
425908-1	Thena Crowder Elementary	\$191,576.48	Not specified*	2	
425908-1	Amelia Earhart Elementary	\$66,678.11	Not specified*	4	
425908-1	Bob Graham Elementary	\$73,911.19	Not specified*	4	
425908-1	Miami Shores Elementary	\$80,020.73	Not specified*	2	
425908-1	Barbara Hawkins Elementary	\$84,034.30	Not specified*	1	
425908-1	Eugenia B. Thomas Elementary	\$84,748.95	Not specified*	5	
425908-1	Flamingo Elementary	\$96,508.52	Not specified*	4	
425908-1	Van Blanton Elementary	\$151,410.71	Not specified*	2	
425908-1	Joella Good Elementary	\$165,743.08	Not specified*	1	
Sub-Total FM 425908-1		\$1,165,541.04	\$1,000,000.00		
FM #	SCHOOL NAME	REQUESTED FUNDING	FUNDING APPROVED	SCHOOL DISTRICT #	
425853-1	Southside Elementary	\$15,888.00	\$10,835.87*	3	
425853-1	Peskoe Elementary	\$212,850.00	\$175,807.50*	9	
425853-1	North Miami Elementary	\$85,732.00	\$59,161.61*	1	
Sub-Total FM 425853-1		\$314,470.00	\$245,804.98		

GROUP No. 3

FM #	SCHOOL NAME	REQUESTED FUNDING	FUNDING APPROVED	SCHOOL DISTRICT #	STATUS
425856-1	William Chapman Elementary	\$24,915.00	\$15,922.50*	9	Status: Pre-design Funding Year 2012
425856-1	Campbell Drive Elementary	\$62,040.00	\$62,040.00*	9	
425856-1	Henry M. Flagler Elementary	\$80,104.71	\$77,842.26*	5	
425856-1	Fulford Elementary	\$72,721.66	\$5,292.67*	1	
425856-1	W.J. Bryan Elementary	\$671,765.84	\$394,901.31*	1	
425856-1	Riverside Elementary	\$30,258.15	\$28,697.42*	6	
Sub-Total FM 425856-1		\$941,805.36	\$584,696.16		

GROUP No. 4

FM #	SCHOOL NAME	REQUESTED FUNDING	FUNDING APPROVED	SCHOOL DISTRICT #	STATUS
425855-1	West Homestead Elementary	\$631,950.00	Not specified*	9	Funding Year 2013 \$1.08 million approved to be distributed within four school. Please note that funding has not been specified yet for each school.
425855-1	Saunders Elementary	\$565,702.50	Not specified*	9	
425855-1	Ludlam Elementary	\$127,630.76	Not specified*	6	
425855-1	Pine Villa Elementary	\$104,025.50	Not specified*	9	
Sub-Total FM 425855-1		\$1,429,308.76	\$1,080,100.00		

SAFE ROUTES TO SCHOOLS (SRTS) INFRASTRUCTURE PROJECTS APPROVED

GROUP No. 5

FM #	SCHOOL NAME	REQUESTED FUNDING	FUNDING APPROVED	SCHOOL DISTRICT #	STATUS
425857-1	Caribbean Elementary	\$457,632.44	Not specified*	9	Funding Year 2013
425857-1	South Pointe Elementary	\$38,656.02	Not specified*	3	
425857-1	South Miami Height Elementary	\$1,129,260.00	Not specified*	7	
Sub-Total FM 425857-1		\$1,625,548.46	\$902,246.00		
FM #	SCHOOL NAME	REQUESTED FUNDING	FUNDING APPROVED	SCHOOL DISTRICT #	
425587-2	Miami Lakes K-8 Center	\$321,500.00	\$200,000.00	4	
425587-2	Miami Lakes Middle		(combined)	4	
Sub-Total FM 425587-2		\$321,500.00	\$200,000.00		

GROUP No. 6

FM #	SCHOOL NAME	REQUESTED FUNDING	FUNDING APPROVED	SCHOOL DISTRICT #	STATUS
428210-1	Ben Sheppard Elementary	\$54,031.94	\$54,031.94	1	Funding programmed for Fiscal Year 2014/2015
428210-1	Brentwood Elementary	\$32,753.78	\$32,753.78	1	
428210-1	Coral Way K-8 Center	\$66,171.09	\$66,171.09	6	
428210-1	Devon Aire K-8 Center	\$36,327.30	\$36,327.30	7	
428210-1	Ernest R Graham Elementary	\$137,446.71	\$137,446.71	4	
428210-1	Gertrude K. Edelman / Sabal Palm Elem.	\$188,404.09	\$188,404.09	3	
428210-1	Maya Angelou Elementary	\$202,569.51	\$202,569.51	5	
428210-1	Meadowlane Elementary	\$71,768.97	\$71,768.97	4	
428210-1	Melrose Elementary (resubmitted)	\$384,303.26	\$384,303.26	5	
428210-1	Spanish Lake Elementary	\$75,581.82	\$75,581.82	4	
428210-1	Winston Park K-8 Center	\$200,888.53	\$200,888.53	7	
Sub-Total FM 428210-1		\$1,450,247.00	\$1,450,247.00		

GROUP No. 7

FM #	SCHOOL NAME	REQUESTED FUNDING	FUNDING APPROVED	SCHOOL DISTRICT #	STATUS
Pending	Frederick Douglass Elementary	Approximately \$467,906 (combined)	\$185,180 (combined)	2	Funding Year 2016 Estimated funding award \$185,180 (combined) Net available funding allocation of \$1,214,820 will also benefit certain schools in Group 8 to be selected by FDOT based on priority.
Pending	Paul Lawrence Dunbar Elementary			2	
Sub-Total		\$467,906.00	\$185,180.00		

TOTAL FUNDING APPROVED **\$7,847,689.79**

APPLICATIONS TO BE RESUBMITTED FOR APPLICATION CYCLE 2011

GROUP No. 8

FM #	SCHOOL NAME	REQUESTED FUNDING	FUNDING APPROVED	SCHOOL DISTRICT #	STATUS
Pending	Avocado Elementary (resubmitted)	\$2,323,446.00	Pending	9	
Pending	Coconut Palm K-8 Center (resubmitted) (f/k/a State School CC-1)	\$531,960.00	Pending	9	
Pending	Dr. Robert B. Ingram Elementary (resubmitted)	\$419,740.00	Pending	1	
Pending	Leisure City K-8 Center (resubmitted)	\$1,171,416.00	Pending	9	
Pending	Redondo Elementary (resubmitted)	\$2,009,205.00	Pending	9	
Funding not awarded in application cycles 2009 and 2010 - resubmitted in application cycle 2011		\$6,455,767.00	\$0.00		

NEW APPLICATIONS TO BE SUBMITTED FOR APPLICATION CYCLE 2011

GROUP No. 9

FM #	SCHOOL NAME	REQUESTED FUNDING	FUNDING APPROVED	SCHOOL DISTRICT #	STATUS
Pending	Biscayne Elementary	\$379,075.37	Pending	3	
Pending	Coral Reef Elementary	\$974,204.00	Pending	9	
Pending	Howard Drive Elementary	\$1,301,557.00	Pending	9	
Pending	Perrine Elementary	\$1,088,096.00	Pending	9	
Projected funding for application cycle 2011		\$3,742,932.37	\$0.00		

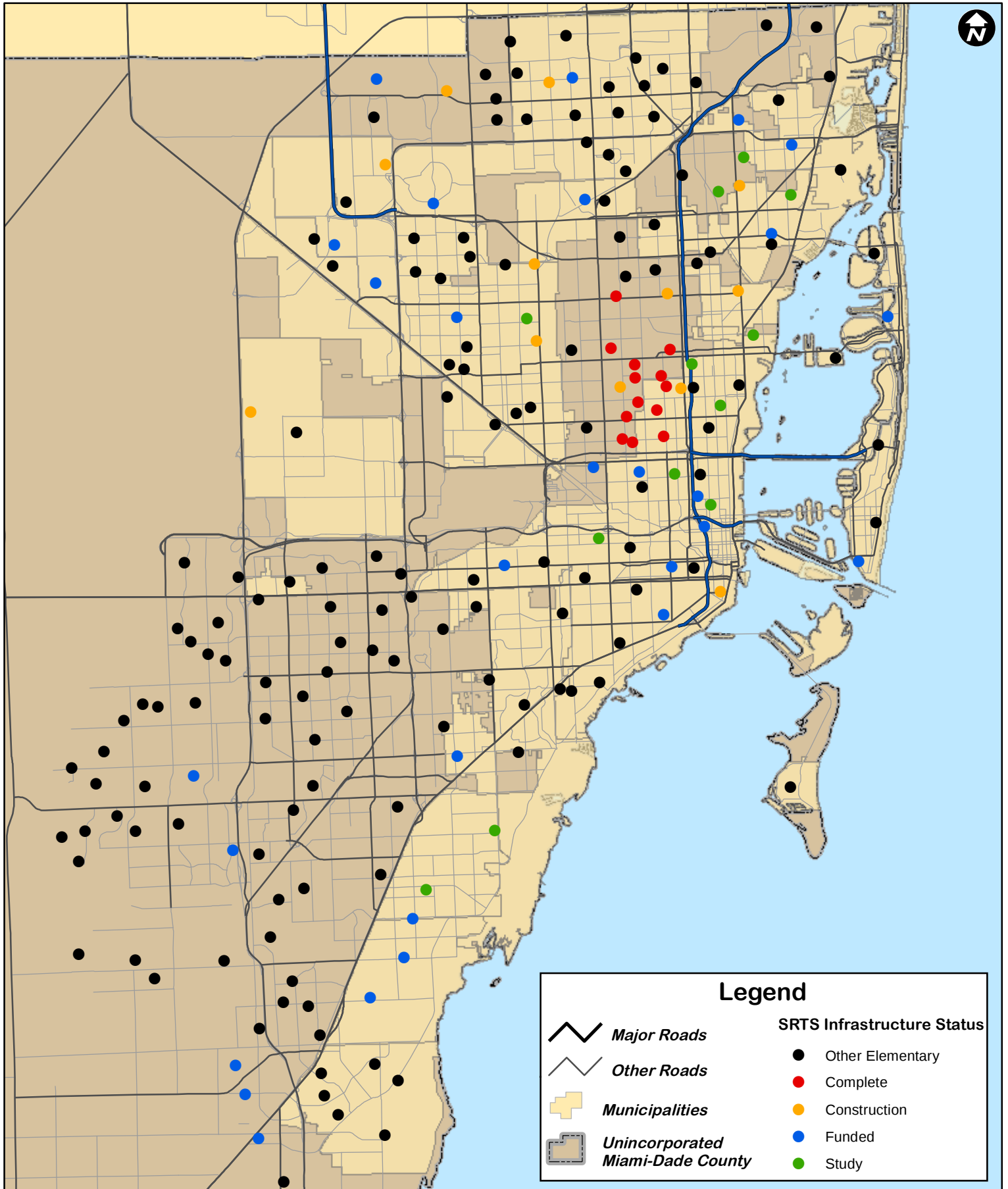
TOTAL ESTIMATED FUNDING FOR APPLICATION CYCLE 2011 **\$10,198,699.37**



Kimley-Horn
and Associates, Inc.

SRTS INFRASTRUCTURE PROGRAM STATUS

0 0.5 1 2 3 4 Miles



Legend

- Major Roads
- Other Roads
- Municipalities
- Unincorporated Miami-Dade County

SRTS Infrastructure Status

- Other Elementary
- Complete
- Construction
- Funded
- Study

APPENDIX B

Prioritization Results

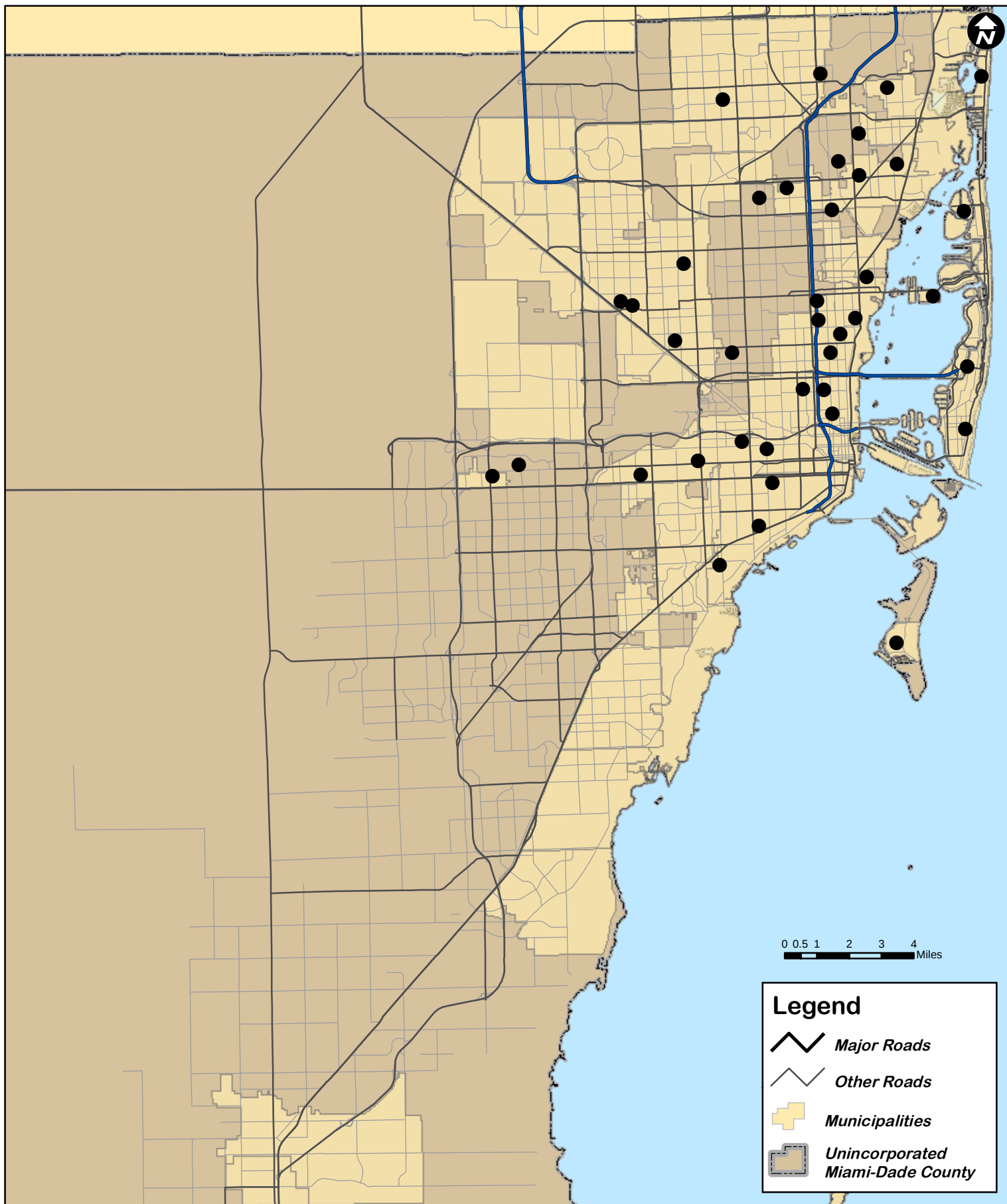
ID	NAME	ADDRESS	CITY	ZIPCODE	GRADES	STUDENTS	HLFMILE	BIKE PED CRASH	JUVEN_PED	NEARST MAJR ST	TRAFFIC VOL	AUTO OWNERSHIP	PERC_WALK	Rank_halfmile	Rank_Totcrash	Rank_Juven	Rank_traffic	Rank_Pctwalk	Rank_Pctwalk	Rank_auto	Avg_Rank	Rank_Avg
5431	Sweetwater Elementary	10655 SW 4TH ST	Sweetwater	33174	PK-5	305		47	2	NW 107 Ave	40500	1.25	36%	17	17	35	19	1	1	21	15.9	1
3431	Phyllis Ruth Miller Elementary	840 NE 87TH ST	Miami	33138	PK-5	237		31	2	US 1	44000	1.25	n.a.	32	35	35	15	1	1	21	20.0	2
0761	Fienberg/Fisher K-8 Center	1420 WASHINGTON AVE	Miami Beach	33139	PK-8	240		277	3	SR A1A	25000	1.25	n.a.	31	1	21	48	22	22	21	23.7	3
3021	Jesse J. McCrary Jr. Elementary	514 NW 77TH ST	Miami	33150	PK-5	192		85	6	NW 79 St	22500	1.25	59%	54	4	7	58	11	11	21	23.7	3
3051	Toussaint L'ouverture Elementary	120 NE 59TH ST	Miami	33137	PK-5	202		87	11	NE 2 Ave	9400	1.25	n.a.	46	3	2	93	11	11	21	26.7	5
2661	Kensington Park Elementary	711 NW 30TH AVE	Miami	33125	PK-5	252		24	3	NW 7 St	35000	1.25	n.a.	28	41	21	26			21	27.4	6
5041	Silver Bluff Elementary	2609 SW 25TH AVE	Miami	33133	PK-5	196		31	2	SW 27 Ave	24000	1.25	n.a.	50	35	35	50	1	1	21	27.6	7
0801	Citrus Grove Elementary	2121 NW 5TH ST	Miami	33125	PK-5	364		48	0	NW 22 Ave	n.a.	1.25	34%	9	15	99		11	11	21	27.7	8
0092	Sunny Isles Beach Community School K-8	201 182ND DR	Sunny Isles Beach	33160	KG-8	227		38	2	SR A1A	49500	1.75	n.a.	35	28	35	11	1	1	84	27.9	9
4841	Santa Clara Elementary	1051 NW 29TH TER	Miami	33127	PK-5	353		61	5	NW 12 Ave	21500	1.25	28%	11	9	9	65	42	42	21	28.4	10
2911	Linda Lentini K-8 Center	14312 NE 2ND CT	Miami	33161	PK-8	317		16	5	NONE	n.a.	1.75	34%	16	68	9		1	1	84	29.8	11
5931	Phillis Wheatley Elementary	1801 NW 1ST PL	Miami	33136	PK-5	106		67	9	NW 2/N Miami Av	n.a.	1.25	56%	104	7	3	22	22	22	21	29.8	11
3501	Morningside Elementary	6620 NE 5TH AVE	Miami	33138	PK-5	146		34	4	US 1	39000	1.25	n.a.	75	31	16	22	22	22	21	29.9	13
5481	Treasure Island Elementary	7540 E TREASURE DR	North Bay Village	33141	PK-5	142		23	5	79 St Cswy	35500	1.25	n.a.	76	45	9	25	22	22	21	31.4	14
2621	J.W. Johnson Elementary	735 W 23RD ST	Hialeah	33010	PK-5	343		27	1	W 8 Ave	n.a.	1.25	n.a.	12	39	58				21	32.5	15
3901	North Hialeah Elementary	4251 E 5TH AVE	Hialeah	33013	PK-5	245		39	6	E 4 Ave	24000	1.25	n.a.	30	26	7	50	51	51	21	33.7	16
5001	Shenandoah Elementary	1023 SW 21ST AVE	Miami	33135	PK-5	337		47	1	SW 8 St	34000	1.25	n.a.	15	17	58	30	51	51	21	34.7	17
1801	Fairlawn Elementary	444 SW 60TH AVE	Miami	33144	PK-5	273		40	1	W Flagler St	40500	1.25	n.a.	23	24	58	19	51	51	21	35.3	18
0481	James H. Bright Elementary	2530 W 10TH AVE	Hialeah	33010	PK-5	343		41	1	W 12 Ave	n.a.	1.25	14%	12	21	58		51	51	21	35.7	19
2351	Eneida Massas Hartner Elementary	401 NW 29TH ST	Miami	33127	PK-5	283		49	7	NW 36 St	23500	1.75	34%	22	14	6	54	36	36	84	36.0	20
2401	Hibiscus Elementary	18701 NW 1ST AVE	Miami Gardens	33169	PK-5	255		31	5	NW 183 St	46000	1.75	24%	27	35	9	13	42	42	84	36.0	20
0241	Ruth K. Broad/Bay Harbor K-8 Center	1155 93RD ST	Bay Harbor Island	33154	PK-8	400		12	0	Broad Cswy	25500	1.25	n.a.	6	79	99	47	1	1	21	36.3	22
1601	Edison Park Elementary	500 NW 67TH ST	Miami	33150	PK-5	175		69	14	NW 2 Ave	4000	1.25	n.a.	62	6	1	102	36	36	21	37.7	23
2781	Kinloch Park Elementary	4275 NW 1ST ST	Miami	33126	PK-5	260		37	0	W Flagler St	40500	1.25	23%	25	29	99	19	36	36	21	37.9	24
2041	Benjamin Franklin Elementary	13100 NW 12TH AVE	North Miami	33168	PK-5	290		13	2	NW 135 St/Opa Locka	29500	1.75	67%	20	75	35	41	11	11	84	39.6	25
2241	Gratigny Elementary	11905 N MIAMI AVE	Miami	33168	PK-6	179		22	1	N Miami Ave/125 St	34500	1.75	n.a.	60	48	58	28	1	1	84	40.0	26
0341	Arch Creek Elementary	702 NE 137TH ST	North Miami	33161	KG-5	221		57	9	NE 135 St	26500	1.75	16%	37	11	3	44	51	51	84	40.1	27
2741	Key Biscayne Community School K-8 Center	150 W MCINTYRE ST	Key Biscayne	33149	PK-8	536		20	1	Crandon Blvd	n.a.	1.75	20%	3	54	58	22	22	84	40.5	28	
3041	Lorah Park Elementary	5160 NW 31ST AVE	Miami	33142	PK-5	193		37	3	NW 32 Ave	14500	1.25	n.a.	53	29	21	80	42	42	21	41.1	29
4961	Shadowlawn Elementary	149 NW 49TH ST	Miami	33127	PK-5	202		48	5	NW 2 Ave	4000	1.25	34%	46	15	9	102	51	51	21	42.1	30
2281	Greynolds Park Elementary	1536 NE 179TH ST	North Miami Beach	33162	K-5	187		19	1	NONE	n.a.	1.75	n.a.	57	57	58		1	1	84	43.0	31
3581	Myrtle Grove Elementary	3125 NW 176TH ST	Miami Gardens	33056	PK-5	150		24	4	NW 32 Ave	n.a.	1.75	n.a.	73	41	16		22	22	84	43.0	31
3661	Natural Bridge Elementary	1650 NE 141ST ST	North Miami	33181	PK-5	181		32	2	W Dixie Hwy	23000	1.75	n.a.	59	34	35	56	22	22	84	44.6	33
5381	E.W.F. Stirrup Elementary	330 NW 97TH AVE	Miami	33172	PK-5	212		18	0	W Flagler St	55500	1.75	35%	42	62	99	9	11	11	84	45.4	34
4021	Oak Grove Elementary	15640 NE 8TH AVE	Miami	33162	PK-5	194		33	5	NE 6 Ave	26000	1.75	15%	52	32	9	46	51	51	84	46.4	35
5201	South Hialeah Elementary	265 E 5TH ST	Hialeah	33010	PK-5	591		41	2	E 9 St	n.a.	1.25	n.a.	2	21	35		101	101	21	46.8	36
5901	Carrie P. Meek/Westview Elementary	2101 NW 127TH ST	Miami	33167	PK-5	178		17	2	NW 22 Ave	19000	1.75	n.a.	61	64	35	68	11	11	84	47.7	37
3741	North Beach Elementary	4100 PRAIRIE AVE	Miami Beach	33140	PK-5	132		42	3	Arthur Godfrey	38500	1.25	n.a.	83	20	21	23	84	84	21	48.0	38
5561	Frances S. Tucker Elementary	3500 DOUGLAS RD	Miami	33133	PK-5	79		59	2	Grand Ave	n.a.	1.25	26%	121	10	35		51	51	21	48.2	39
0641	Bunche Park Elementary	16001 BUNCHE PARK SCHOOL DR	Miami Gardens	33054	PK-5	115		24	3	NW 22 Ave	14000	1.25	n.a.	95	41	21	82	42	42	21	49.1	40
0881	Comstock Elementary	2420 NW 18TH AVE	Miami	33142	PK-5	192		62	4	NW 17 Ave	13000	1.75	n.a.	54	8	16	86	51	51	84	50.0	41
2111	Hialeah Gardens Elementary	9702 NW 130TH ST	Hialeah Gardens	33018	PK-5	363		7	1	W 36 Ave	n.a.	1.75	n.a.	10	112	58		22	22	84	51.3	42
4341	Parkway Elementary	1320 NW 188TH ST	Miami Gardens	33169	PK-5	71		11	5	NW 183 St	33000	1.75	n.a.	125	84	9	36	11	11	84	51.4	43
2001	Florida City Elementary	364 NW 6TH AVE	Florida City	33034	PK-5	216		20	2	SW 344 St*	10000	2.25	n.a.	40	54	35	92	1	1	141	52.0	44
4491	Henry E.S. Reeves Elementary	2005 NW 111TH ST	Miami	33167	KG-5	163		11	4	NW 22 Ave	19000	1.75	31%	70	84	16	68	22	22	84	52.3	45
4061	Ojus Elementary	18600 W DIXIE HWY	Miami	33180	PK-5	109		40	1	US 1	61000	1.75	12%	100	24	58	7	51	51	84	53.6	46
4721	Rockway Elementary	2790 SW 93RD CT	Miami	33165	PK-5	121		16	1	SW 97 Ave	16000	1.75	n.a.	89	68	58	77	1	1	84	54.0	47
0721	George Washington Carver Elementay	238 GRAND AVE	Coral Gables	33133	KG-5	95		52	2	US 1	87000	1.25	n.a.	111	12	35	1	101	101	21	54.6	48
2821	Lakeview Elementary	1290 NW 115TH ST	Miami	33167	PK-5	232		31	8	NW 119 St	37000	1.75	5%	34	35	5	24	101	101	84	54.9	49
3541	Robert Russa Moton Elementary	18050 HOMESTEAD AVE	Miami	33157	PK-5	139		50	3	SW 184 St*	12500	1.75	29%	78	13	21	87	51	51	84	55.0	50
0121	Auburndale Elementary	3255 SW 6TH ST	Miami	33135	PK-5	340		41	0	SW 8 St	34000	1.25	3%	14	21	99	30	101	101	21	55.3	51
1161	Crestview Elementary	2201 NW 187TH ST	Miami Gardens	33056	PK-5	218		13	1	NW 183 St	33500	1.75	15%	39	75	58	33	51	51	84	55.9	52
5711	Mae M. Walters Elementary	650 W 33RD ST	Hialeah	33012	PK-5	295		27	1	W 8 Ave	n.a.	1.25	n.a.	18	39	58		101	101	21	56.3	53
4001	Norwood Elementary	19810 NW 14TH CT	Miami Gardens	33169	PK-5	208		12	3	NW 199 St	20000	1.75	20%	44	79	21	66	51	51	84	56.6	54
0961	Coral Gables K-8 Preparatory Academy ES	105 MINORCA AVE	Coral Gables	33134	PK-5	151		84	2	Ponce De Leon Bl	11000	1.75	n.a.	72	5	35	89			84	57.0	55
2161	Golden Glades Elementary	16520 NW 28TH AVE	Miami Gardens	33054	PK-5	20		44	4	NW 32 Ave	n.a.	1.75	n.a.	147	19	16		42	42	84	58.3	56
2321	Gulfstream Elementary	20900 SW 97TH AVE	Cutler Bay	33189	PK-5	99		12	2	NONE	n.a.	1.75	37%	109	79	35		22	22	84	58.5	57
3421	M.A. Milam K-8 Center	6020 W 16TH AVE	Hialeah	33012	PK-8	606		20	0	W 16 Ave	22000	1.75	n.a.	1	54	99	59			84	59.4	58
0681	Carol City Elementary	4375 NW 173RD DR	Miami Gardens	33055	PK-5	139		13	0	NW 42 Ave	n.a.	1.75	52%	78	75	99		11	11	84	59.7	59
3191	Ada Merritt K-8 Center	660 SW 3RD ST	Miami	33130	PK-8	34		88	3	W Flagler St	33500	1.25	4%	143	2	21	33	101	101	21	60.3	60
4921	Seminole Elementary	121 SW 78TH PL	Miami	33144	PK-5	116		23	1	W Flagler St	59500	1.25	n.a.	93	45	58	8	101	101	21	61.0	61
0201	Banyan Elementary	3060 SW 85TH AVE	Miami	33155	PK-5	102		12	0	SW 87 Ave	32500	1.75	82%	108	79	99	37	11	11	84	61.3	62
2331	Charles R. Hadley Elementary	8400 NW 7TH ST	Miami	33126	PK-5	437		16	0	NW 87 Ave	66000	1.75	n.a.	5	68	99	5	84	84	84	61.3	62
4541	Rainbow Park Elementary	15355 NW 19TH AVE	Miami Gardens	33054	PK-5	142		6	1	NW 22 Ave	14000	1.25	n.a.	76	122	58	82	36	36	21	61.6	64
3981	North Twin Lakes Elementary	625 W 74TH PL	Hialeah	33014	PK-5	380		19	3	W 8 Ave	n.a.	1.75	n.a.	8	57	21		101	101	84	62.0	65
5971	Nathan B. Young Elementary	14120 NW 24TH AVE	Opa-Locka	33054	PK-5	109		8	0	NW 22 Ave	19000	1.25	n.a.	100	102	99	68	22	22	21	62	

ID	NAME	ADDRESS	CITY	ZIPCODE	GRADES	STUDENTS	HLFMILE	BIKE PED CRASH	JUVEN_PED	NEARST MAJR ST	TRAFFIC VOL	AUTO OWNERSHIP	PERC_WALK	Rank_halfmile	Rank_Totcrash	Rank_Juven	Rank_traffic	Rank_Pctwalk	Rank_Pctwalk	Rank_auto	Avg_Rank	Rank_Avg
2701	Kenwood K-8 Center	9300 SW 79TH AVE	Miami	33156	PK-8	168		8	0	SW 88 St	35000	1.75	9%	69	102	99	26	51	51	84	68.9	86
0521	Broadmoor Elementary	3401 NW 83RD ST	Miami	33147	PK-5	105		22	2	NW 32 Ave	17500	1.25	6%	105	48	35	75	101	101	21	69.4	87
4301	Parkview Elementary	17631 NW 20TH AVE	Miami Gardens	33056	PK-5	133		7	1	NW 175 St	n.a.	1.75	39%	82	112	58		42	42	84	70.0	88
5421	Sunset Park Elementary	10235 SW 84TH ST	Miami	33173	PK-5	73		16	1	SW 107 Ave	23500	1.75	n.a.	124	68	58	54	51	51	84	70.0	88
2521	Oliver Hoover Elementary	9050 HAMMOCKS BLVD	Miami	33196	PK-5	47		18	2	NONE	n.a.	1.75	11%	138	62	35		51	51	84	70.2	90
2801	Lake Stevens Elementary	5101 NW 183RD ST	Miami	33055	PK-5	53		21	3	NW 183 St	30500	1.75	17%	134	51	21	39	84	84	84	71.0	91
3241	Miami Gardens Elementary	4444 NW 195TH ST	Miami Gardens	33055	PK-5	148		10	2	NW 47 Ave	24000	1.75	n.a.	74	89	35	50	84	84	84	71.4	92
3261	Miami Heights Elementary	17661 SW 117TH AVE	Miami	33177	PK-5	258		7	0	SW 117 Ave*	14500	1.75	n.a.	26	112	99	80	51	51	84	71.9	93
5991	Charles David Wyche Jr. Elementary	5241 NW 195TH DR	Miami	33055	KG-5	233		5	0	Honey Hill Dr	10500	1.75	n.a.	33	129	99	90	36	36	84	72.4	94
0261	Bel-Aire Elementary	10205 SW 194TH ST	Miami	33157	PK-5	37		17	1	US 1	71000	2.25	n.a.	141	64	58	4	51	51	141	72.9	95
4261	Palm Springs Elementary	6304 E 1ST AVE	Hialeah	33013	PK-5	199		6	1	E 65 St	22000	1.25	3%	48	122	58	59	101	101	21	72.9	95
5441	Sylvania Heights Elementary	5901 SW 16TH ST	West Miami	33155	PK-5	175		9	0	SW 16 St	n.a.	1.75	17%	62	96	99		51	51	84	73.8	97
5241	South Miami K-8 Center	6800 SW 60TH ST	South Miami	33143	PK-8	53		7	1	SW 56 St*	23000	1.75	18%	134	112	58	56	42	42	84	75.4	98
5601	Twin Lakes Elementary	6735 W 5TH PL	Hialeah	33012	PK-5	182		15	1	E 68 St	22000	1.75	n.a.	58	72	58	59	101	101	84	76.1	99
1841	Flagami Elementary	920 SW 76TH AVE	Miami	33144	PK-5	157		17	0	SW 8 St	45500	1.75	5%	71	64	99	14	101	101	84	76.3	100
0441	Blue Lakes Elementary	9250 SW 52ND TER	Miami	33165	PK-5	295		6	0	SW 56 St	26500	1.75	n.a.	18	122	99	44	84	84	84	76.4	101
4241	Palm Lakes Elementary	7450 W 16TH AVE	Hialeah	33014	PK-5	287		7	1	W 16 Ave	22000	1.75	3%	21	112	58	59	101	101	84	76.6	102
5401	Sunset Elementary	5120 SW 72ND ST	Miami	33143	PK-5	79		10	1	SW 72 St*	9000	1.75	9%	121	89	58	94	51	51	84	78.3	103
4881	Scott Lake Elementary	1160 NW 175TH ST	Miami Gardens	33169	PK-5	199		9	1	NW 12 Ave	6100	1.75	9%	48	96	58	99	84	84	84	79.0	104
4091	Olympia Heights Elementary	9797 SW 40TH ST	Miami	33165	PK-5	85		22	0	SW 40 St	52500	1.75	5%	115	48	99	10	101	101	84	79.7	105
1481	John G. Dupuis Elementary	1150 W 59TH PL	Hialeah	33012	PK-5	196		8	1	W 12 Ave	19000	1.75	n.a.	50	102	58	68	101	101	84	80.6	106
0211	Dr. Manuel C. Barreiro Elementary	5125 SW 162ND AVE	Miami	33185	PK-5	114		10	1	SW 162 Ave	n.a.	2.25	11%	97	89	58		51	51	141	81.2	107
4651	Ethel F. Beckford/Richmond Elementary	16929 SW 104TH AVE	Miami	33157	PK-5	113		19	2	SW 168 St*	8000	1.75	n.a.	98	57	35	96	101	101	84	81.7	108
1641	Emerson Elementary	8001 SW 36TH ST	Miami	33155	PK-5	128		11	0	SW 40 St	76500	2.25	n.a.	87	84	99	3	84	84	141	83.1	109
4511	Dr. Gilbert L. Porter Elementary	15851 SW 112TH ST	Miami	33196	K-5	132		4	0	SW 157 Ave*	13500	2.25	33%	83	132	99	85	22	22	141	83.4	110
5641	Village Green Elementary	12265 SW 34TH ST	Miami	33175	PK-5	121		5	0	NONE	n.a.	2.25	n.a.	89	129	99		22	22	141	83.7	111
1241	Cutler Ridge Elementary	20210 CORAL SEA RD	Miami	33189	PK-5	137		6	2	Caribbean Blvd	4700	1.75	n.a.	80	122	35	100			84	84.2	112
0125	Norma Butler Bossard Elementary	15950 SW 144TH ST	Miami	33196	PK-5	208		3	0	SW 152 St*	19000	2.25	n.a.	44	136	99	68	51	51	141	84.3	113
1081	Coral Terrace Elementary	6801 SW 24TH ST	Miami	33155	PK-5	132		8	0	SW 24 St	22000	1.75	9%	83	102	99	59	84	84	84	85.0	114
2881	Leewood K-8 Center	10343 SW 124TH ST	Miami	33176	PK-8	116		3	0	SW 120 St	28000	2.25	21%	93	136	99	42	42	42	141	85.0	114
1001	Coral Park Elementary	1225 SW 97TH AVE	Miami	33174	PK-5	175		9	0	SW 97 Ave	n.a.	1.75	n.a.	62	96	99				84	85.3	116
4441	Pine Lake Elementary	16700 SW 109TH AVE	Miami	33157	PK-5	108		7	2	SW 168 St*	8000	1.75	11%	102	112	35	96	84	84	84	85.3	117
4281	Palm Springs North Elementary	17615 NW 82ND AVE	Miami	33015	PK-5	137		0	0	NW 82 Ave	n.a.	1.75	10%	80	150	99		51	51	84	85.8	118
5981	Dr. Edward L. Whigham Elementary	21545 SW 87TH AVE	Miami	33189	PK-5	36		4	1	SW 87 Ave	n.a.	1.75	15%	142	132	58		51	51	84	86.3	119
5671	Vineland K-8 Center	8455 SW 119TH ST	Miami	33156	PK-8	34		8	1	SW 87 Ave	19400	2.25	12%	143	102	58	67	51	51	141	87.6	120
2641	Kendale Elementary	10693 SW 93RD ST	Miami	33176	PK-5	59		21	1	SW 107 Ave	34000	2.25	n.a.	132	51	58	30	101	101	141	87.7	121
0671	Calusa Elementary	9580 W CALUSA CLUB DR	Miami	33186	PK-5	88		8	0	NW 137 Ave	41500	1.75	3%	114	102	99	18	101	101	84	88.4	122
2441	Virginia A. Boone/Highland Oaks Elementary	20500 NE 24TH AVE	Miami	33180	PK-5	14		9	0	NE 203 St	n.a.	1.75	n.a.	150	96	99		51	51	84	88.5	123
2151	Jack D. Gordon Elementary	14600 COUNTRY WALK DR	Miami	33186	PK-5	82		0	0	SW 152 St*	19000	1.75	8%	118	150	99	68	51	51	84	88.7	124
2651	Kendale Lakes Elementary	8000 SW 142ND AVE	Miami	33183	PK-5	172		9	1	NONE	n.a.	2.25	n.a.	67	96	58				141	90.5	125
2891	William Lehman Elementary	10990 SW 113TH PL	Miami	33176	PK-5	104		7	0	SW 117 Ave*	32000	1.75	n.a.	106	112	99	38	101	101	84	91.6	126
1281	Cypress Elementary	5400 SW 112TH CT	Miami	33165	PK-5	104		11	0	SW 56 St	24500	2.25	15%	106	84	99	49	84	84	141	92.4	127
2341	Joe Hall Elementary	1901 SW 134TH AVE	Miami	33175	PK-5	173		6	0	SW 137 Ave	42000	2.25	n.a.	66	122	99	17	101	101	141	92.4	127
0831	Claude Pepper Elementary	14550 SW 96TH ST	Miami	33186	PK-5	175		7	1	NONE	n.a.	2.25	n.a.	62	112	58				141	93.3	129
5081	Skyway Elementary	4555 NW 206TH TER	Miami Gardens	33055	PK-5	71		5	0	NW 47 Ave	24000	1.75	n.a.	125	129	99	50	84	84	84	93.6	130
1761	David Fairchild Elementary	5757 SW 45TH ST	Miami	33155	PK-5	82		6	1	SW 57 Ave	17600	1.75	n.a.	118	122	58	74	101	101	84	94.0	131
5101	John I. Smith Elementary	10415 NW 52ND ST	Doral	33178	K-5	115		1	0	NW 58 Ave	33500	1.75	n.a.	95	145	99	33	101	101	84	94.0	131
3101	Frank C. Martin International K-8 Center	14250 BOGGS DR	Miami	33176	PK-8	34		8	2	NONE	n.a.	1.75	n.a.	143	102	35		101	101	84	94.3	133
1691	Christina M. Eve Elementary	16251 SW 99TH ST	Miami	33196	PK-5	119		3	0	SW 162 Ave	n.a.	2.25	n.a.	92	136	99		51	51	141	95.0	134
5521	Tropical Elementary	4545 SW 104TH AVE	Miami	33165	PK-5	64		1	0	SW 107 Ave	34500	1.75	n.a.	129	145	99	28			84	97.0	135
3111	Wesley Matthews Elementary	12345 SW 18TH TER	Miami	33175	PK-5	191		8	0	NONE	n.a.	2.25	n.a.	56	102	99		101	101	141	100.0	136
5951	Whispering Pines Elementary	18929 SW 89TH RD	Miami	33157	PK-5	125		3	0	SW 87 Ave	n.a.	1.75	n.a.	88	136	99		101	101	84	101.5	137
0231	Aventura Waterways K-8 Center	21101 NE 26TH AVE	Miami	33180	KG-8	52		10	0	W Dixie Hwy	4300	1.75	n.a.	136	89	99	101	101	101	84	101.6	138
0311	Goulds Elementary	23555 SW 112TH AVE	Miami	33032	PK-5	66		2	0	SW 112 St*	9000	1.75	n.a.	128	141	99	94	84	84	84	102.0	139
0251	Ethel Koger Beckham Elementary	4702 SW 143RD CT	Miami	33175	PK-5	214		2	0	SW 47 St	n.a.	2.25	n.a.	41	141	99		101	101	141	104.0	140
0271	Bent Tree Elementary	4861 SW 140TH AVE	Miami	33175	KG-5	80		2	1	SW 47 St	n.a.	2.25	9%	120	141	58		84	84	141	104.7	141
5005	David Lawrence Jr. K-8 Center	15000 BAY VISTA BLVD	North Miami	33181	KG-8	0		0	0	NE 151 Street	1500	1.25	n.a.	155	150	99	106	101	101	21	104.7	142
0861	Colonial Drive Elementary	10755 SW 160TH ST	Miami	33157	PK-5	67		6	0	SW 160 St	n.a.	1.75	n.a.	127	122	99		101	101	84	105.7	143
2261	Greenglade Elementary	3060 SW 127TH AVE	Miami	33175	PK-5	38		1	1	SW 127 Ave	10500	2.25	n.a.	139	145	58	90	84	84	141	105.9	144
4691	Jane S. Roberts K-8 Center	14850 COTTONWOOD CIR	Miami	33185	PK-8	83		7	0	NONE	n.a.	2.25	n.a.	117	112	99		84	84	141	106.2	145
5361	Springview Elementary	1122 BLUEBIRD AVE	Miami Springs	33166	PK-5	56		4	0	Ludlam Dr	n.a.	1.75	5%	133	132	99		101	101	84	108.3	146
4741	Royal Green Elementary	13047 SW 47TH ST	Miami	33175	PK-5	170		1	0	SW 132 Ave	n.a.	2.25	4%	68	145	99		101	101	141	109.2	147
2511	Zora Neale Hurston Elementary	13137 SW 26TH ST	Miami	33175	PK-5	10		2	1	SW 26 St	n.a.	2.25	6%	151	141	58		84	84	141	109.8	148
4031	Gateway Environmental K-8 Learning Center	955 SE 18TH AVE	Homestead	33035	KG-8	60		0	0	SW 328 St*	7000	1.75	n.a.	131	150	99	98			84	112.4	149
4581	Redland Elementary	24501 SW 162ND AVE	Miami	33031	PK-5	4		0	0	SW 248 St	3000	1.75	3%	152	150	99	104	101				



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SRTS PRIORITIZATION RESULTS GEOGRAPHIC DISTRIBUTION OF FIRST QUARTILE (1-39) OF SCHOOLS

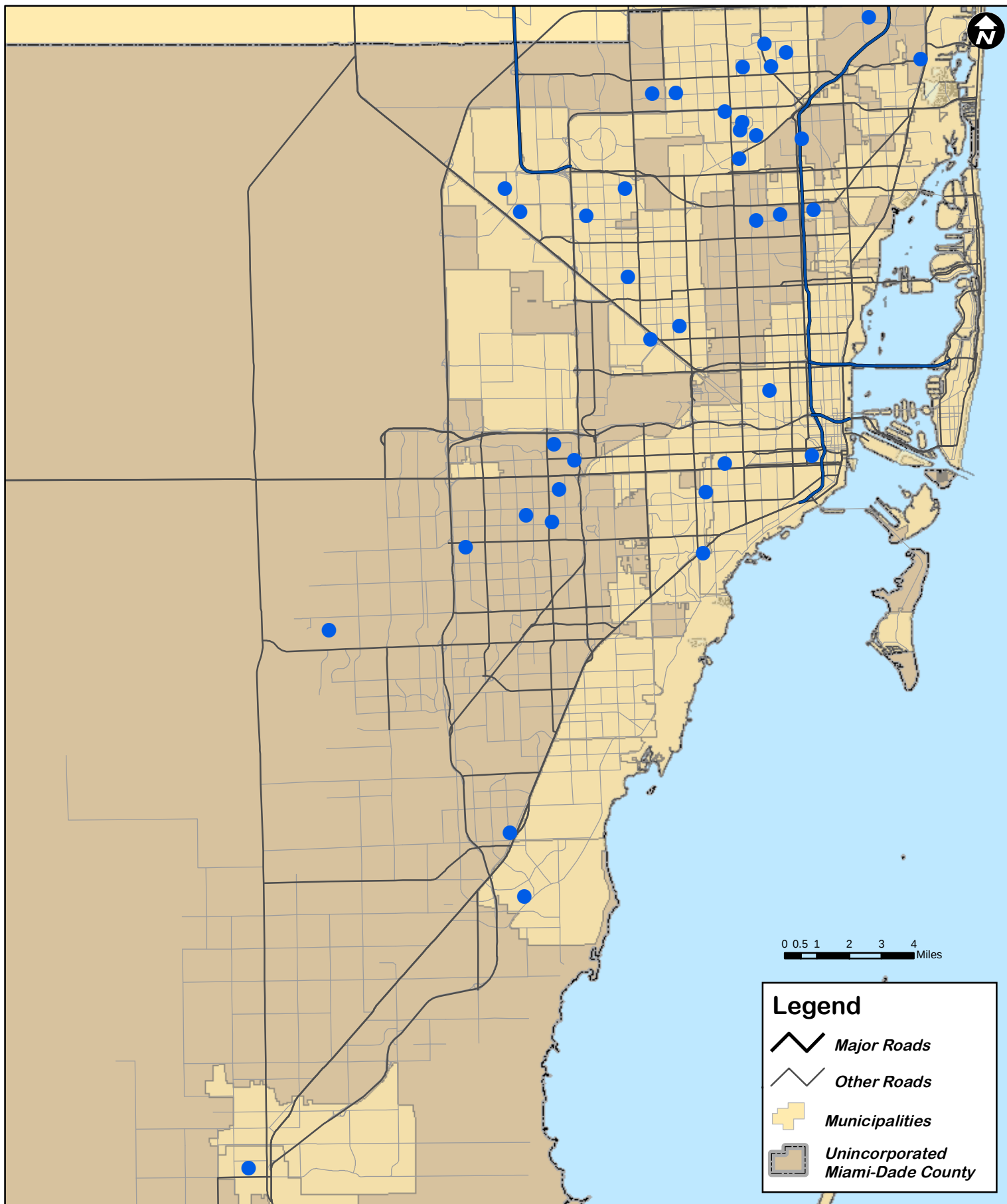




Kimley-Horn
and Associates, Inc.

SRTS PRIORITIZATION RESULTS

GEOGRAPHIC DISTRIBUTION OF SECOND QUARTILE (40-78) OF SCHOOLS

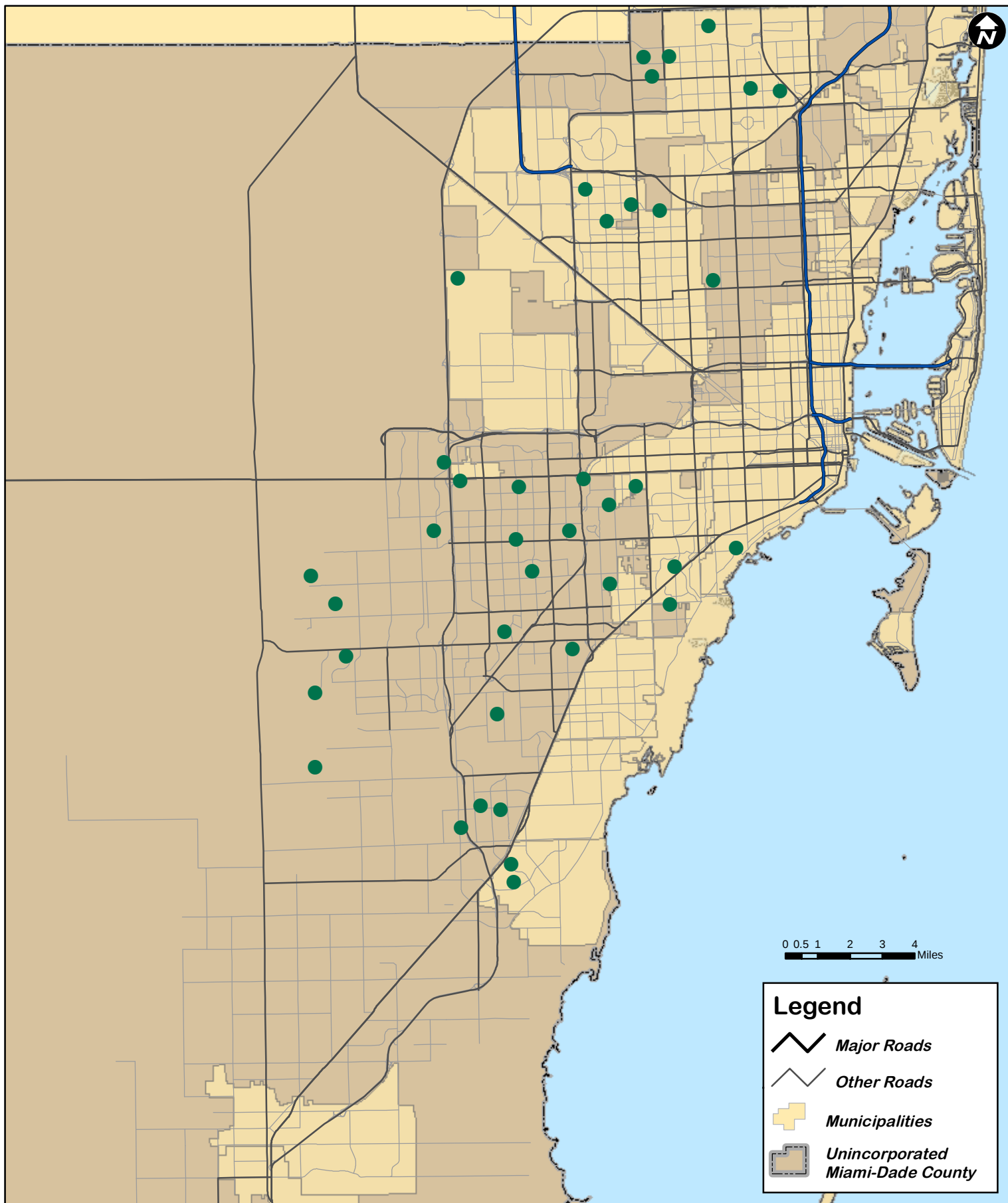




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SRTS PRIORITIZATION RESULTS

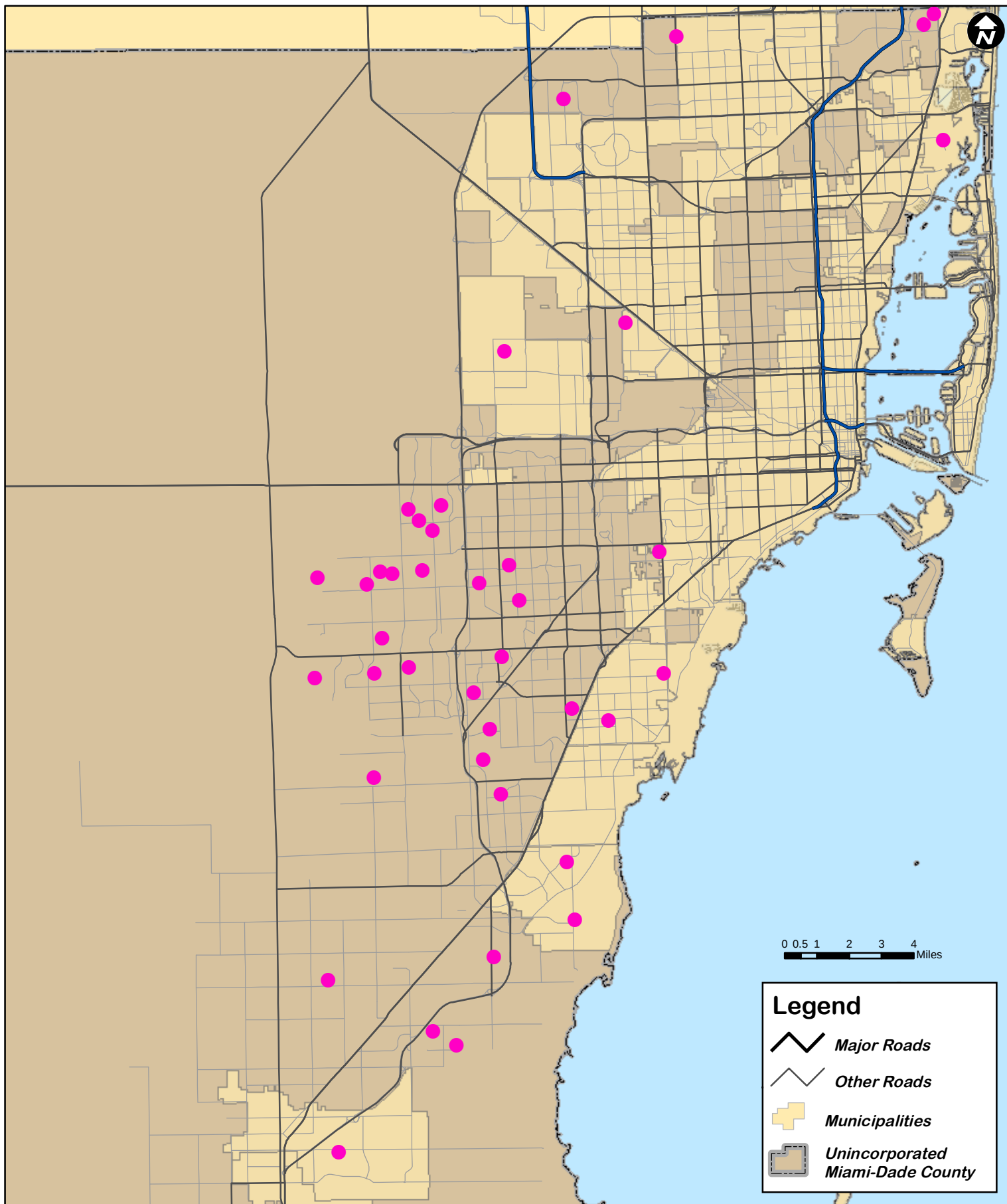
GEOGRAPHIC DISTRIBUTION OF THIRD QUARTILE (79-117) OF SCHOOLS





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SRTS PRIORITIZATION RESULTS GEOGRAPHIC DISTRIBUTION OF FOURTH QUARTILE (118-157) OF SCHOOLS



APPENDIX C

SRTS Survey Forms

Miami-Dade MPO Forms



Safe Routes to School User Survey



In an effort to improve student safety in and around our schools, the Miami-Dade County Metropolitan Planning Organization, in collaboration with Miami-Dade County Public Schools and other governmental agencies, is looking for ways to reduce the amount and speed of cars, improve walking and bicycling conditions and encourage enforcement and safety education programs. Please help us by providing your opinions to the following questions.

1. What grade is your child in? ____

2. Approximately how far does your child travel to school?

___ 1/2 mile or less ___ 1/2 mile to 1 mile ___ between 1 to 2 miles ___ over 2 miles

3. How does your child usually travel to and from school: (put a check in the appropriate box)

	Arrival	Dismissal
a. walk	☐	☐
b. bicycle	☐	☐
c. car	☐	☐
d. school bus	☐	☐
e. private bus	☐	☐
f. city bus	☐	☐
g. other (please explain)_____		

4. Which of the following factors would influence your decision to allow your child to walk or bicycle to school. **Please circle YES(Y) or NO(N).**

a. Schools provided walking and bicycling route maps to parents and students.	Y	N
b. Additional crossing guards were provided at busy intersections.	Y	N
c. There were continuous sidewalks or bike paths from my neighborhood to the school.	Y	N
d. Bicycle/pedestrian pathways separated from traffic.	Y	N
e. There were fewer cars around where children are walking to school.	Y	N
f. Speed limits were strictly enforced in school speed zones.	Y	N
g. School speed zones were marked with flashing signals.	Y	N
h. There was better street lighting along routes to school.	Y	N
i. A greater presence of police officers and safety monitors along safe routes.	Y	N
j. Designated safe route signs along safe route paths at children's eye level.	Y	N
k. There were painted footsteps designating safe routes along sidewalks.	Y	N

5. Please identify specific safety problems of concern to you in your neighborhood or around your child's school (i.e. broken sidewalks, dangerous street crossings, crime areas, railroad crossing, high-speed vehicles) and indicate their locations.

6. Please write down any additional factors that might influence your decision to let your child walk or bicycle to school:

Thank you for your participation. Please return this survey to your child's teacher.



Safe Routes to School User Survey



ENCUESTA ENTRE USUARIOS SOBRE RUTAS SEGURAS HACIA LAS ESCUELAS

En un esfuerzo por mejorar la seguridad de los estudiantes dentro y alrededor de nuestras escuelas, la Organización de Planeación Metropolitana de Miami-Dade, en colaboración con las Escuelas Públicas del Condado y otras agencias gubernamentales está tratando de encontrar la manera de reducir la cantidad de carros y la velocidad a que se desplazan, mejorar las condiciones de acceso para peatones y bicicletas y fomentar la implementación de programas de seguridad y educación. Ayúdenos, por favor, entregándonos sus opiniones sobre las siguientes preguntas:

1. ¿En qué grado escolar está? ____

2. ¿Aproximadamente qué distancia recorre para llegar a la escuela?

__ media milla o menos __ entre media y una milla __ entre una y dos millas __ más de dos millas

3. ¿Cómo se desplaza regularmente su hijo(a) hacia y desde la escuela? (Marque la casilla apropiada)

	Llegada	Salida
a. caminando	☐	☐
b. en bicicleta	☐	☐
c. en carro	☐	☐
d. en autobús escolar	☐	☐
e. en autobus privado	☐	☐
f. en autobús de la ciudad	☐	☐
g. de otra manera (explique por favor) _____		

4. ¿Cuál de los siguientes factores influiría en su decisión de permitir que su hijo vaya a la escuela caminando o en bicicleta? **Por favor marque un círculo en SI (S) o NO (N).**

a. Que las escuelas proporcionen mapas peatonales y de ciclo-rutas a padres y estudiantes.	S	N
b. Mas guardias de cruzamientos dispuestos en las intersecciones de mayor tráfico.	S	N
c. Que haya calzadas continuas y senderos para bicicletas entre mi vecindario y la escuela.	S	N
d. Senderos para peatones y bicicletas separados del tráfico.	S	N
e. Que haya menos carros por donde los niños caminan con destino a la escuela.	S	N
f. Que se apliquen estrictamente los límites de velocidad en zonas escolares.	S	N
g. Que se marquen mediante luces intermitentes las zonas escolares con límite de velocidad.	S	N
h. Que haya mejor iluminación pública sobre las rutas hacia la escuela.	S	N
i. Más presencia de oficiales de policía y monitores de seguridad junto a rutas seguras.	S	N
j. Señales de rutas designadas junto a las rutas seguras y al nivel de la vista de los niños.	S	N
k. Que haya huellas de pasos marcando las rutas seguras junto a las calzadas.	S	N

5. Identifique por favor los problemas de seguridad que le preocupan de su vecindario o en los alrededores de la escuela de su hijo(a). (Por ejemplo, calzadas rotas, cruzamientos vehiculares peligrosos, áreas de alta criminalidad, cruzamiento de trenes, vehículos a alta velocidad) e indíquenos su localización.

6. Por favor señale cualquier factor adicional que pudiera influir su decisión de permitir que su hijo(a) vaya a la escuela caminando o en bicicleta:

Gracias por su participación. Por favor, devuelva esta encuesta al profesor o profesora de su hijo(a).



Safe Routes to School User Survey



Nan yon efò pou amelyore sekirite etidyan yo ni dan lekòl yo ni ozalantou lekòl yo, Òganizasyon Planifikasyon Metwopoliten Konte Miami-Dade, an kolaborasyon ak Lekòl Piblik Konte Miami-Dade ak divès lòt branch gouvènman an, ap chèche mwayen pou bese limit vitès machin yo ansanm ak kantite machin ki pase nan zòn yo, amelyore kondisyon wout pasan apye yo ak moun sou bisiklèt yo epi tou ankouraje ranfòsman lwa yo ak ankouraje pwogram edikativ sou sekirite. Tanpri ede nou nan pwojè sa a, jis ba nou opinyon nou sou kesyon sa yo ki ekri pi ba paj la:

1. Nan ki klas pitit w ye? ____

2. Apeprè ki longè wout lekòl pitit w an?

____ 1/2 mil oswa mwens ____ 1/2 mil a 1 mil ____ ant 1 a 2 mil ____ plis ke 2 mil

3. Dabitid kouman pitit w an ale epi tounen sòt lekòl: (mete yon kwa sou sa ki bon repons la)

	Rive Lekòl	Tounen Lakay
a. Mache	☐	☐
b. bisiklèt	☐	☐
c. oto	☐	☐
d. bis lekòl	☐	☐
e. bis prive	☐	☐
f. bis piblik	☐	☐
g. yon lòtfason (tanpri esplike)	_____	_____

4. Kiyès nan rezon sa yo ki ta ede w deside si wap pèmèt pitit w mache oswa pran bisiklèt li pou ale lekòl.

Tanpri fè yon sèk otou (Y) lan pou WI oswa otou (N) lan pou NON.

a. Lekòl lan prezante yon chema wout bisiklèt ak pou mache bay paran ak elèv yo.	Y	N
b. Mete plis gad nan kalfou ki gen gwo trafik yo.	Y	N
c. Si ta gen yen wout trase espesyal pou bisiklèt oswa twotwa de katye lakay jis lekòl la.	Y	N
d. Wout trase separe de sikilasyon an pou Bisiklèt/moun apye.	Y	N
e. Ta gen yen mwens oto ozanlatou ti moun yo kap mache ale lekòl.	Y	N
f. Ranfòse limit vitès nan zòn lekòl kote vitès yo kontwole.	Y	N
g. Zòn lekòl kote vitès yo kontwole an gen yen limyè siyalizasyon kap flache.	Y	N
h. Pi bon ekleraj nan lari tout longè wout lekòl la.	Y	N
i. Sou tout longè sekirite sa a plis polis ak plis monitè sekirite.	Y	N
j. Pannkat pou endike wout deziye kòm wout sekirite enstale jis wotè ti moun yo.	Y	N
k. Tras pye pentire klè sou twotwa wout ki an sekirite yo.	Y	N

5. Tanpri ba nou sak chaje tèt nou sou pwoblèm sekirite byen espesifik nan katye lakay w oswa ozalantou lekòl pitit w an (egzanp: twotwa kraze, kalfou danjre pou travèse, zòn krimininèl, travèse ray tren, machinn ki fè twòp vitès) epi endike ki kote yo ye.

6. Tanpri ekri tout lòt kòmantè sou kisa ki ta kapab enfluyanse desizyon pou w kite pitit w mache oswa monte bisiklèt li pou ale lekòl:

Mèsi pou patisipasyon w. Tanpri remèt fèy sondaj sa a bay pwofesè pitit w an.

A. Major Streets / Major Transportation Facilities

Street (or segment of a street)	Posted Speed Limit	ADT	Other Conditions Observed (See Symbol Chart)

Symbol	Description of Condition
a	Street with a large number of driveways intersecting roadway
b	Intersections where drivers do not yield to pedestrians
c	Intersections with a high percentage of turning movements, including "right turn on red"
d	Intersections where drivers speed up to make it through traffic lights or drive through red lights
e	Street with a high volume of truck traffic
f	Railroad tracks and other transportation facilities that present obstacles to a safe way to school
g	Intersection or crossing location is positioned by a blind curve
S1	Off road trail or other transportation facilities that would provide an alternate route for children to get to school

B. Street Crossings

Intersection (or street segment for mid-block crossing)	Signage, Crossing Assistance or Conditions Observed (see Symbol Chart)	# Lanes or Street Width	Notes:

Symbol	Description of Condition
Z	School Zone Sign
ZF	School Zone Sign with Flasher
OZ	Overhead School Zone Sign
OZF	Overhead School Sign with Flasher
I	Intersection with traffic signal and <u>no</u> crossing guard
IG	Intersection with traffic signal and crossing guard
S	Intersection with stop sign and <u>no</u> crossing guard (indicate direction that stop sign faces)
SG	Intersection with stop sign and with crossing guard (indicate direction that stop sign faces)
M	Road crossing (mid block) <u>without</u> pedestrian activated circle
MI	Road crossing (mid block) <u>with</u> pedestrian activated circle
h	Pedestrian signals that change too slowly
j	Road that is too wide to cross during the time that is allowed by the pedestrian signal
k	Crosswalks where drivers can't see pedestrian
l	Parked cars that block the pedestrian's view of traffic
m	Trees or plants that block the pedestrian's view
S2	Striping, pavement markings, elevation changes, texture changes that make crossing more visible
S3	Bulbouts and other facilities that reduce the crossing distance and help facilitate safe pedestrian crossings
S4	Refuge islands for pedestrian
S5	Mid block crossings with speed tables and medium island

C. Sidewalks

Street Name (or segment of a street) adjacent to sidewalks	Conditions Observed (see Symbol Chart)	# of Curb Cuts	Notes:

Symbol	Description of Condition
m	No sidewalk
n	Locations where sidewalks missing (list missing link)
o	Sidewalks that are blocked by poles, signs, shrubbery, dumpsters and other items, blocking passage or visibility
p	Areas that have a lot pf litter or debris, or are uneven and crackd or are poorly drained
q	Areas where the sidewalk is located directly next to a road on which vehicles travel at a rapid speed (no nature strip barrier)
r	Sidewalks without curb ramps or curb ramps that are in need of repair
s	Sidewalks that are too narrow to carry the volume of students likely to use them (8' preferred, 6' acceptable) .

D. Safety / Security Concern

Street name (or segment of a street)	Conditions Observed (see Symbol Chart)	Notes:

Symbol	Description of Condition
t	Areas of perceived crime and drug activity
u	Locations where school fights take place
v	Land uses that tend to draw criminal activity (i.e. bars, pawn shops, adult "hangouts", "scary people")
w	Scary animals (i.e. "bad dogs")
x	Construction zones without proper safety measures for pedestrian detours
y	Areas that are not well-lit
z	Isolated areas (areas without easy access to houses or commercial activity)
S4	Presence of police/sheriff in the area
S5	"Safe houses" in the area
S5	Neighborhood crime watch programs

NCSRTS Forms

Safe Routes to School Students Arrival and Departure Tally Sheet

+

CAPITAL LETTERS ONLY – BLUE OR BLACK INK ONLY

+

School Name:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Teacher's First Name:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Teacher's Last Name:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Grade: (PK,K,1,2,3...)

--	--

0 2

Monday's Date (Week count was conducted)

--	--

M M

--	--

D D

--	--	--	--

Y Y Y Y

Number of Students Enrolled in Class:

--	--

1 5

- Please conduct these counts **on two of the following three days Tuesday, Wednesday, or Thursday.** (Three days would provide better data if counted)
- **Please do not conduct these counts on Mondays or Fridays.**
- Before asking your students to raise their hands, please read through all possible answer choices so they will know their choices. Each Student may only answer once.
- Ask your students as a group the question **"How did you arrive at school today?"**
- Then, reread each answer choice and record the number of students that raised their hands for each. **Place just one character or number in each box.**
- Follow the same procedure for the question **"How do you plan to leave for home after school?"**
- You can conduct the counts once per day but during the count please ask students both the school arrival and departure questions.
- Please conduct this count regardless of weather conditions (i.e., ask these questions on rainy days, too).

Step 1.

Fill in the weather conditions and number of students in each class

Step 2.

AM – "How did you arrive at school today?" Record the number of hands for each answer.
PM – "How do you plan to leave for home after school?" Record the number of hands for each answer.

Key	Weather	Student Tally	Walk	Bike	School Bus	Family Vehicle	Carpool	Transit	Other
	S= sunny R= rainy O=overcast SN=snow	Number in class when count made	-	-	-	Only with Children from your family	Riding with children from other families	City bus, subway, etc.	Skate-board, scooter, etc.
Sample AM	S N	2 0	2	3	8	3		3	1
Sample PM	R	1 9	3	3	8	1	2	2	
Tues. AM									
Tues. PM									
Wed. AM									
Wed. PM									
Thurs. AM									
Thurs. PM									

Please list any disruptions to these counts or any unusual travel conditions to/from the school on the days of the tally.

+

+

Parent Survey About Walking and Biking to School

Dear Parent or Caregiver,

Your child's school wants to learn your thoughts about children walking and biking to school. This survey will take about 5 - 10 minutes to complete. We ask that each family complete only one survey per school your children attend. If more than one child from a school brings a survey home, please fill out the survey for the child with the next birthday from today's date.

After you have completed this survey, send it back to the school with your child or give it to the teacher. Your responses will be kept confidential and neither your name nor your child's name will be associated with any results.

Thank you for participating in this survey!

+	CAPITAL LETTERS ONLY – BLUE OR BLACK INK ONLY	+
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School Name:

[illegible]

1. What is the grade of the child who brought home this survey? Grade (PK,K,1,2,3...)
2. Is the child who brought home this survey male or female? ☐ Male ☐ Female
3. How many children do you have in Kindergarten through 8th grade?

- 4. What is the street intersection nearest your home?** (Provide the names of two intersecting streets)

[illegible]

Place a clear 'X' inside box. If you make a mistake, fill the entire box, and then mark the correct box.

- ### 5. How far does your child live from school?

- ☐ Less than ¼ mile ☐ ½ mile up to 1 mile ☐ More than 2 miles
- ☐ ¼ mile up to ½ mile ☐ 1 mile up to 2 miles ☐ Don't know

Place a clear 'X' inside box. If you make a mistake, fill the entire box, and then mark the correct box.

- 6. On most days, how does your child arrive and leave for school?** (Select one choice per column, mark box with X)

Arrive at school

- ☐ Walk
- ☐ Bike
- ☐ School Bus
- ☐ Family vehicle (only children in your family)
- ☐ Carpool (Children from other families)
- ☐ Transit (city bus, subway, etc.)
- ☐ Other (skateboard, scooter, inline skates, etc.)

Leave from school

- ☐ Walk
- ☐ Bike
- ☐ School Bus
- ☐ Family vehicle (only children in your family)
- ☐ Carpool (Children from other families)
- ☐ Transit (city bus, subway, etc.)
- ☐ Other (skateboard, scooter, inline skates, etc.)

+	Place a clear 'X' inside box. If you make a mistake, fill the entire box, and then mark the correct box
----------	--

- 7. How long does it normally take your child to get to/from school?** (Select one choice per column, mark box with X)

Travel time to school

- ☐ Less than 5 minutes
- ☐ 5 – 10 minutes
- ☐ 11 – 20 minutes
- ☐ More than 20 minutes
- ☐ Don't know / Not sure

Travel time from school

- ☐ Less than 5 minutes
- ☐ 5 – 10 minutes
- ☐ 11 – 20 minutes
- ☐ More than 20 minutes
- ☐ Don't know / Not sure

+		+
---	--	---

+

+

8. Has your child asked you for permission to walk or bike to/from school in the last year? ☐ Yes ☐ No

9. At what grade would you allow your child to walk or bike to/from school without an adult?

(Select a grade between PK,K,1,2,3...) grade (or) ☐ I would not feel comfortable at any grade

Place a clear 'X' inside box. If you make a mistake, fill the entire box, and then mark the correct box

10. What of the following issues affected your decision to allow, or not allow, your child to walk or bike to/from school? (Select ALL that apply)

11. Would you probably let your child walk or bike to/from school if this problem were changed or improved? (Select one choice per line, mark box with X)

- | | | | |
|---|------------------------------|-----------------------------|-----------------------------------|
| ☐ Distance..... | ☐ Yes | ☐ No | ☐ Not Sure |
| ☐ Convenience of driving..... | ☐ Yes | ☐ No | ☐ Not Sure |
| ☐ Time..... | ☐ Yes | ☐ No | ☐ Not Sure |
| ☐ Child's before or after-school activities..... | ☐ Yes | ☐ No | ☐ Not Sure |
| ☐ Speed of traffic along route..... | ☐ Yes | ☐ No | ☐ Not Sure |
| ☐ Amount of traffic along route..... | ☐ Yes | ☐ No | ☐ Not Sure |
| ☐ Adults to walk or bike with..... | ☐ Yes | ☐ No | ☐ Not Sure |
| ☐ Sidewalks or pathways..... | ☐ Yes | ☐ No | ☐ Not Sure |
| ☐ Safety of intersections and crossings..... | ☐ Yes | ☐ No | ☐ Not Sure |
| ☐ Crossing guards..... | ☐ Yes | ☐ No | ☐ Not Sure |
| ☐ Violence or crime..... | ☐ Yes | ☐ No | ☐ Not Sure |
| ☐ Weather or climate..... | ☐ Yes | ☐ No | ☐ Not Sure |

Place a clear 'X' inside box. If you make a mistake, fill the entire box, and then mark the correct box

12. In your opinion, how much does your child's school encourage or discourage walking and biking to/from school?

- ☐ Strongly Encourages ☐ Encourages ☐ Neither ☐ Discourages ☐ Strongly Discourages

13. How much fun is walking or biking to/from school for your child?

- ☐ Very Fun ☐ Fun ☐ Neutral ☐ Boring ☐ Very Boring

14. How healthy is walking or biking to/from school for your child?

- ☐ Very Healthy ☐ Healthy ☐ Neutral ☐ Unhealthy ☐ Very Unhealthy

Place a clear 'X' inside box. If you make a mistake, fill the entire box, and then mark the correct box

15. What is the highest grade or year of school you completed?

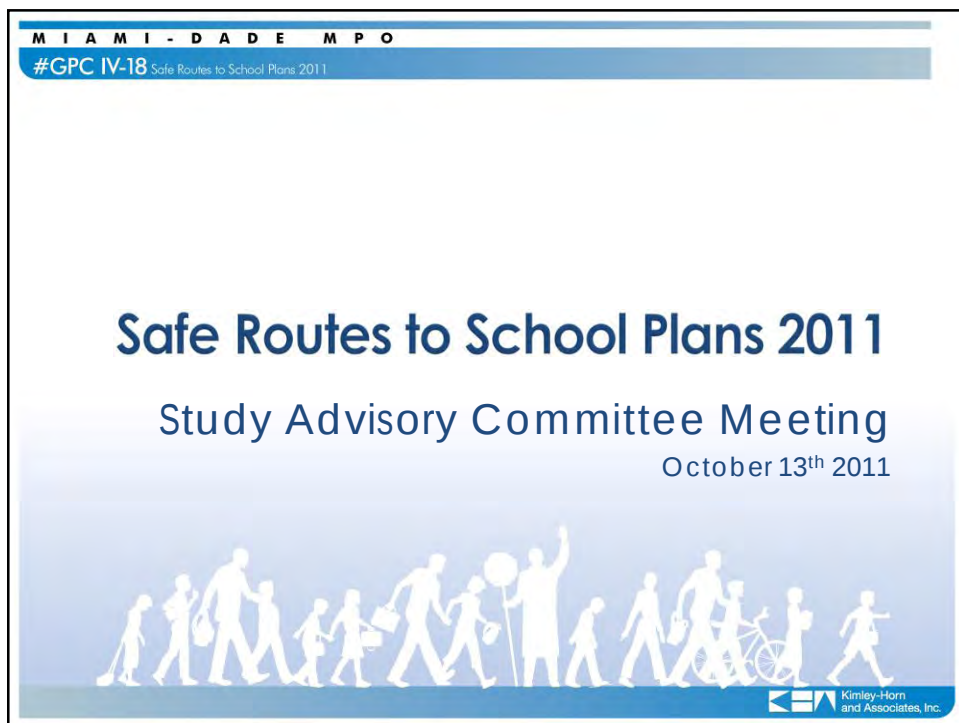
- | | |
|---|--|
| ☐ Grades 1 through 8 (Elementary) | ☐ College 1 to 3 years (Some college or technical school) |
| ☐ Grades 9 through 11 (Some high school) | ☐ College 4 years or more (College graduate) |
| ☐ Grade 12 or GED (High school graduate) | ☐ Prefer not to answer |

16. Please provide any additional comments below.

APPENDIX D

SAC Presentations

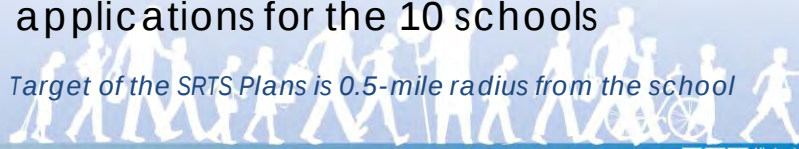
SAC Presentation #1
October 13, 2011



Study Goals

- Prioritize Miami-Dade elementary and K-8 schools for Safe Routes to School (SRTS) infrastructure improvements
- Develop SRTS plans and infrastructure improvements for 10 priority schools
- Prepare FDOT SRTS infrastructure funding applications for the 10 schools

Target of the SRTS Plans is 0.5-mile radius from the school



Study Advisory Committee (SAC)

- Review progress of the study
 - Three SAC meetings
- Facilitate coordination with schools
- Assist with preparation of funding applications



Project Progress

- Project initiation – August 2011
- Developed a database of K-5 and K-8 schools
- Screened schools with SRTS plans in place and funding previously requested
- Populated the database with parameters to facilitate prioritization
- Developed a draft prioritization method
- Completed preliminary prioritization

Database

- Number of K-5/K-8 schools – 219
- SRTS plans complete/funding applied – 63
- Number of schools considered in 2011 - 157

Prioritization Factors

Factor	Source	Notes
Juvenile pedestrian crashes	Miami-Dade MPO	
Total pedestrian and bicycle crashes	Miami-Dade MPO	
Enrollment (normalized by attendance boundary)	Miami-Dade County GIS data	
Percent students walking	UM Miller School	Partial data
Traffic volume on the nearest major street	FDOT and County	Partial data
Vehicle ownership	Miami-Dade MPO	

Prioritization is based on composite rank of individual factors

Preliminary Results (1-10 schools)

School	Municipality	Juven ile	Bike / Ped	Enroll ment	% Walk	Auto / HH	Traffic vol.
South Hialeah Elementary	Hialeah	35	21	1	n.a.	1	n.a.
Santa Clara Elementary	Miami	9	9	13	19	1	65
Phyllis Ruth Miller Elementary	Miami	35	35	16	n.a.	1	15
George Washington Carver Elementary	Coral Gables	35	12	54	n.a.	1	1
Sweetwater Elementary	Sweetwater	35	17	40	15	1	19
Toussaint L'ouverture Elementary	Miami	2	3	19	n.a.	1	93
Arch Creek Elementary	North Miami	3	11	11	31	42	44
Ada Merritt K-8 Center	Miami	21	2	25	61	1	33
Shenandoah Elementary	Miami	58	17	15	n.a.	1	30
Fienberg/Fisher K-8 Center	Miami Beach	21	1	50	n.a.	1	48

Preliminary Results (11-20 schools)

School	Municipality	Juvenile	Bike / Ped	Enrollment	% Walk	Auto / HH	Traffic vol.
Jesse J. McCrary Jr. Elementary	Miami	7	4	72	4	1	58
Kensington Park Elementary	Miami	21	41	38	n.a.	1	26
Edison Park Elementary	Miami	1	6	21	n.a.	1	102
Sunny Isles Beach Community School K-8	Sunny Isles Beach	35	28	26	n.a.	42	11
Shadowlawn Elementary	Miami	9	15	34	12	1	102
North Hialeah Elementary	Hialeah	7	26	63	n.a.	1	50
Citrus Grove Elementary	Miami	99	15	18	14	1	n.a.
Hibiscus Elementary	Miami Gardens	9	35	65	21	42	13
Linda Lentin K-8 Center	Miami	9	68	31	7	42	n.a.
Mae M. Walters Elementary	Hialeah	58	39	29	n.a.	1	n.a.

Preliminary Results (21-30 schools)

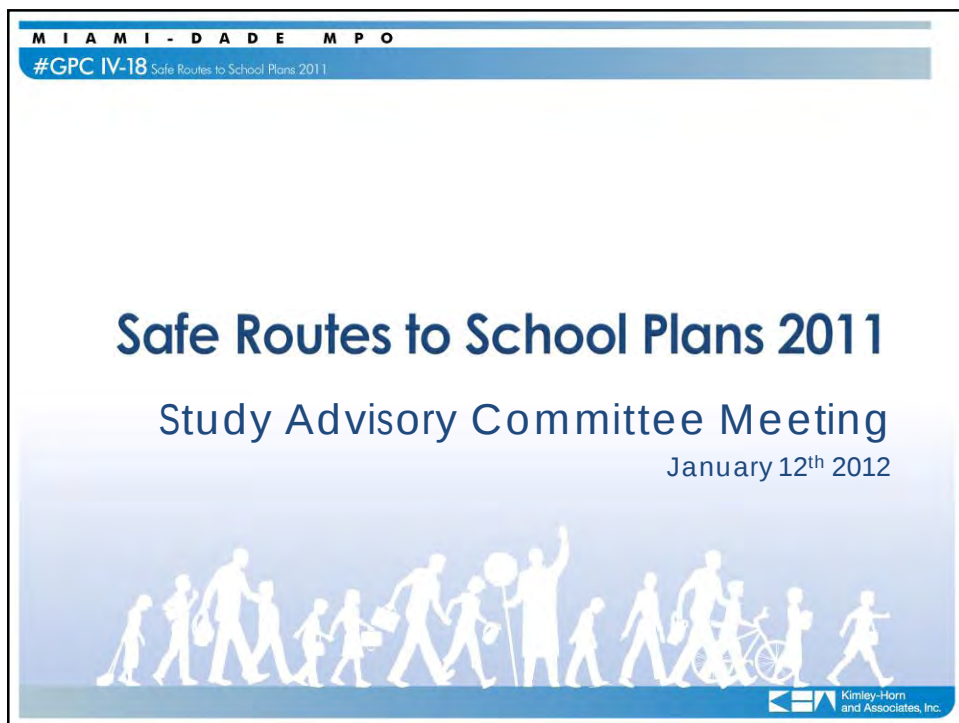
School	Municipality	Juvenile	Bike / Ped	Enrollment	% Walk	Auto / HH	Traffic vol.
Oak Grove Elementary	Miami	9	32	28	35	42	46
Phillis Wheatley Elementary	Miami	3	7	144	5	1	n.a.
Lakeview Elementary	Miami	5	35	33	54	42	24
North Twin Lakes Elementary	Hialeah	21	57	9	n.a.	42	n.a.
Eneida Massas Hartner Elementary	Miami	6	14	67	11	42	54
James H. Bright Elementary	Hialeah	58	21	48	36	1	n.a.
Robert Russa Moton Elementary	Miami	21	13	24	18	42	87
Frances S. Tucker Elementary	Miami	35	10	107	20	1	n.a.
Silver Bluff Elementary	Miami	35	35	53	n.a.	1	50
Gulfstream Elementary	Cutler Bay	35	79	10	9	42	n.a.

Next Steps

- Finalize the prioritized list of schools
- Coordination with priority schools
 - PTSA
 - Survey
- Identify 10 schools for field reviews
- Develop funding applications



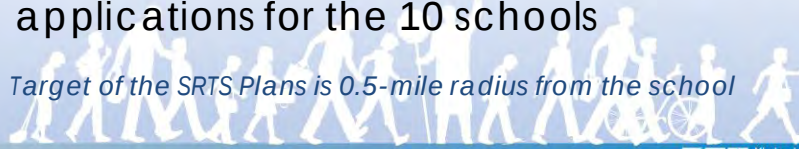
SAC Presentation #2
January 12, 2012



Study Goals

- Prioritize Miami-Dade elementary and K-8 schools for Safe Routes to School (SRTS) infrastructure improvements
- Develop SRTS plans and infrastructure improvements for 10 priority schools
- Prepare FDOT SRTS infrastructure funding applications for the 10 schools

Target of the SRTS Plans is 0.5-mile radius from the school



Project Progress

- Revised prioritization per SAC input
 - Incorporated School Board and Walk Safe data
- Observed existing pedestrian safety features at top 35 schools (per prioritization rankings)
- Coordinated with FDOT D6 Traffic Operations Office



Project Progress

- Developed list of 10 priority schools based on
 - Revised quantitative prioritization rankings
 - Field observations



Prioritization Factors

Factor	Notes
Juvenile pedestrian crashes	
Total pedestrian and bicycle crashes	
Students living within 0.5 miles of school	
Percent students walking	Weighted by a factor of 2
Traffic volume on the nearest major street	Partial data
Vehicle ownership	Reduced the weight

Prioritization is based on composite rank of individual factors



Ten Priority Schools

School	Address	Municipality
Jesse J. McCrary Jr. Elementary	514 NW 77TH ST	Miami
Kensington Park Elementary	711 NW 30TH AVE	Miami
Linda Lentin K-8 Center	14312 NE 2ND CT	Miami
Natural Bridge Elementary	1650 NE 141ST ST	North Miami
North Hialeah Elementary	4251 E 5TH AVE	Hialeah
Oak Grove Elementary	15640 NE 8TH AVE	Miami
Phyllis Wheatley Elementary	1801 NW 1ST PL	Miami
Phyllis Ruth Miller Elementary	840 NE 87TH ST	Miami
Santa Clara Elementary	1051 NW 29TH TER	Miami
Toussaint L'ouverture Elementary	120 NE 59TH ST	Miami

Additional Schools

School	Address	Municipality
Fairlawn Elementary	444 SW 60TH AVE	Miami
Gratigny Elementary	11905 N MIAMI AVE	Miami
Shenandoah Elementary	1023 SW 21ST AVE	Miami

If the top ranked schools are eliminated during the process

Prioritization Results (1-10 schools)

School	Municipality	Juvenile Ped Crash	Bike / Ped Crash	# of Students in 0.5 mi	% Walk	Traffic volume	Auto HH	Rank Score
Sweetwater Elementary	Sweetwater	35	17	17	1	19	21	15.9
Phyllis Ruth Miller Elementary	Miami	35	35	32	1	15	21	20.0
Fienberg/Fisher K-8 Center	Miami Beach	21	1	31	22	48	21	23.7
Jesse J. McCrary Jr. Elementary	Miami	7	4	54	11	58	21	23.7
Toussaint L'ouverture Elementary	Miami	2	3	46	11	93	21	26.7
Kensington Park Elementary	Miami	21	41	28	-	26	21	27.4
Silver Bluff Elementary	Miami	35	35	50	1	50	21	27.6
Citrus Grove Elementary	Miami	99	15	9	11	-	21	27.7
Sunny Isles Beach Community	Sunny Isles Beach	35	28	35	1	11	84	27.9
Santa Clara Elementary	Miami	9	9	11	42	65	21	28.4

Prioritization Results (11-20 schools)

School	Municipality	Juvenile Ped Crash	Bike / Ped Crash	# of Students in 0.5 mi	% Walk	Traffic volume	Auto HH	Rank Score
Linda Lentin K-8 Center	Miami	9	68	16	1	-	84	29.8
Phillis Wheatley Elementary	Miami	3	7	104	22	-	21	29.8
Morningside Elementary	Miami	16	31	75	22	22	21	29.9
Treasure Island Elementary	North Bay Village	9	45	76	22	25	21	31.4
J.W. Johnson Elementary	Hialeah	58	39	12	-	-	21	32.5
North Hialeah Elementary	Hialeah	7	26	30	51	50	21	33.7
Shenandoah Elementary	Miami	58	17	15	51	30	21	34.7
Fairlawn Elementary	Miami	58	24	23	51	19	21	35.3
James H. Bright Elementary	Hialeah	58	21	12	51	-	21	35.7
Eneida Massas Hartner Elementary	Miami	6	14	22	36	54	84	36.0

Prioritization Results (21-30 schools)

School	Municipality	Juvenile Ped Crash	Bike / Ped Crash	# of Students in 0.5 mi	% Walk	Traffic volume	Auto HH	Rank Score
Hibiscus Elementary	Miami Gardens	9	35	27	42	13	84	36.0
Ruth K. Broad/Bay Harbor K-8 Center	Bay Harbor Island	99	79	6	1	47	21	36.3
Edison Park Elementary	Miami	1	6	62	36	102	21	37.7
Kinloch Park Elementary	Miami	99	29	25	36	19	21	37.9
Benjamin Franklin Elementary	North Miami	35	75	20	11	41	84	39.6
Gratigny Elementary	Miami	58	48	60	1	28	84	40.0
Arch Creek Elementary	North Miami	3	11	37	51	44	84	40.1
Key Biscayne Community School K-8 Center	Key Biscayne	58	54	3	22	-	84	40.5
Lorah Park Elementary	Miami	21	29	53	42	80	21	41.1
Shadowlawn Elementary	Miami	9	15	46	51	102	21	42.1

Prioritization Results (31-35 schools)

School	Municipality	Juvenile Ped Crash	Bike / Ped Crash	# of Students in 0.5 mi	% Walk	Traffic volume	Auto HH	Rank Score
Greynolds Park Elementary	North Miami Beach	58	57	57	1	-	84	43.0
Myrtle Grove Elementary	Miami Gardens	16	41	73	22	-	84	43.0
Natural Bridge Elementary	North Miami	35	34	59	22	56	84	44.6
E.W.F. Stirrup Elementary	Miami	99	62	42	11	9	84	45.4
Oak Grove Elementary	Miami	9	32	52	51	46	84	46.4

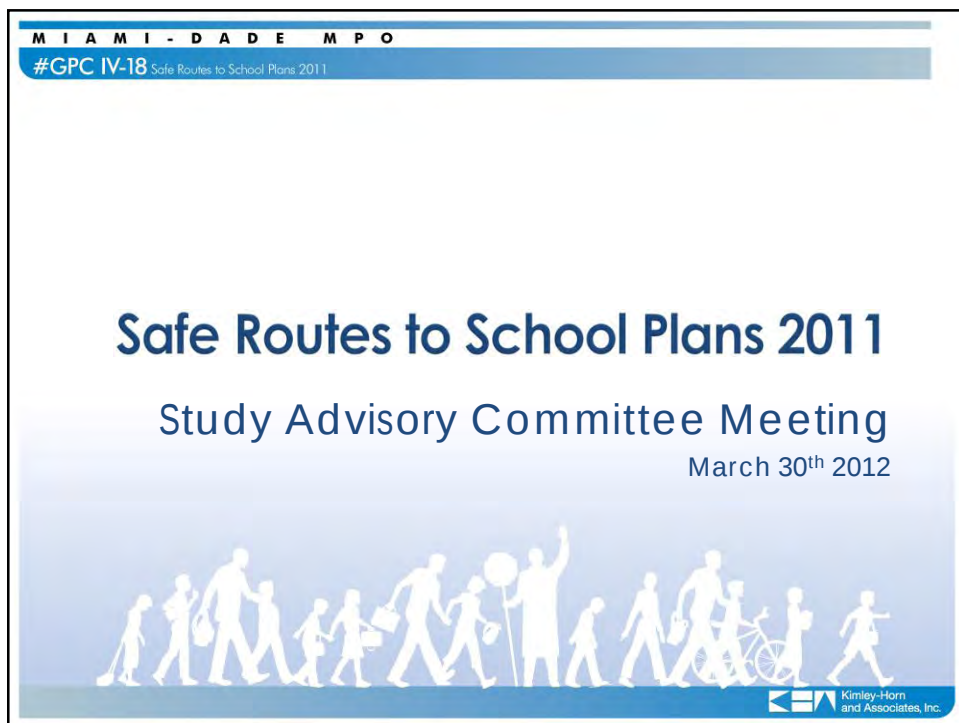


Next Steps

- Coordination with priority schools
 - PTSA
 - Survey
- Conduct detailed field reviews
- Prepare funding applications



SAC Presentation #3
March 30, 2012



Study Goals

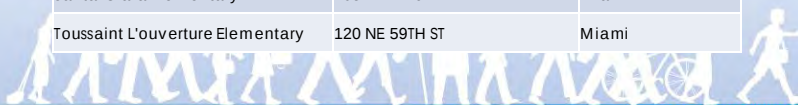
- Develop SRTS plans and infrastructure improvements for 10 priority schools
- Prepare FDOT SRTS infrastructure funding applications for the 10 schools

FDOT deadline for applications is April 30, 2012



Ten Schools

School	Address	Municipality
Jesse J. McCrary Jr. Elementary	514 NW 77TH ST	Miami
Kensington Park Elementary	711 NW 30TH AVE	Miami
Linda Lentini K-8 Center	14312 NE 2ND CT	Unincorporated
Natural Bridge Elementary	1650 NE 141ST ST	North Miami
North Hialeah Elementary	4251 E 5TH AVE	Hialeah
Oak Grove Elementary	15640 NE 8TH AVE	Unincorporated
Phyllis Wheatley Elementary	1801 NW 1ST PL	Miami
Phyllis Ruth Miller Elementary	840 NE 87TH ST	Miami
Santa Clara Elementary	1051 NW 29TH TER	Miami
Toussaint L'Ouverture Elementary	120 NE 59TH ST	Miami



Project Progress

- Developed draft SRTS plans and preliminary cost estimates
- MDC PWWM, School Board, and WalkSafe staff reviewed draft improvements
- Met with principals/staff of the 10 schools
- Distributed parent input surveys
- School level meetings are being conducted



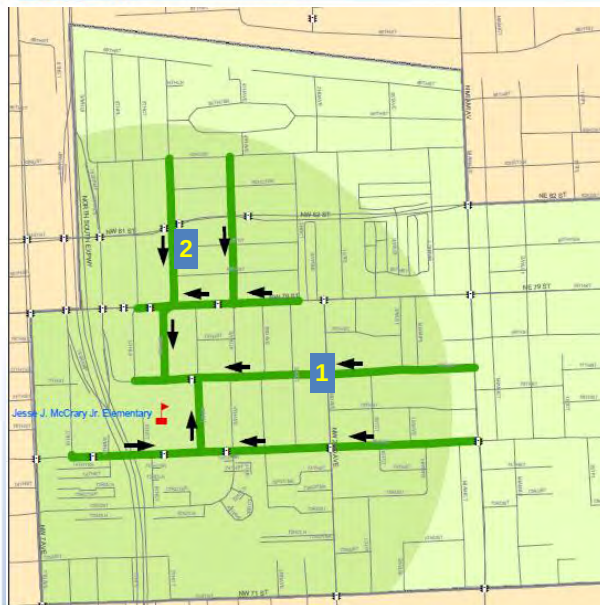
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Jesse J. McCrary Jr. Elementary

- Typical improvements
 - Sidewalks and crosswalks
 - Signal upgrades
- Preliminary cost estimate - \$80,000*

*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.



Kensington Park Elementary

- Typical improvements
 - Sidewalks, crosswalks, and signage
 - School zone flashers
- Preliminary cost estimate - \$65,000*

*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.



Linda Lentin K-8 Center

- Typical improvements
 - Sidewalks, crosswalks, and signage
- Preliminary cost estimate - \$150,000*

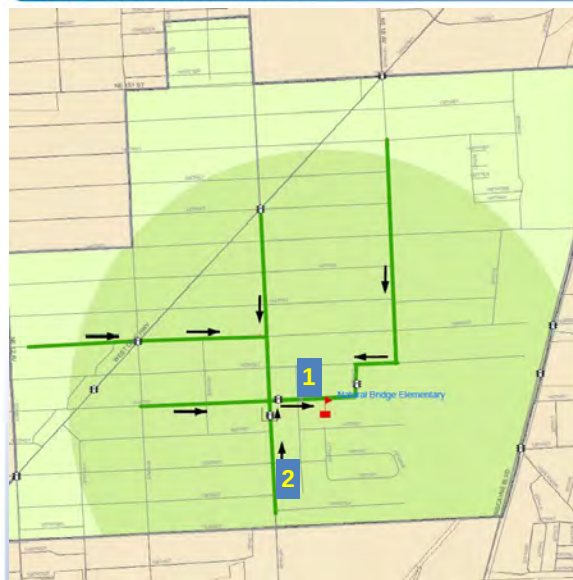
*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.



Natural Bridge Elementary

- Typical improvements
 - Sidewalks, crosswalks, and signage
 - School zone flashers
- Preliminary cost estimate - \$70,000*

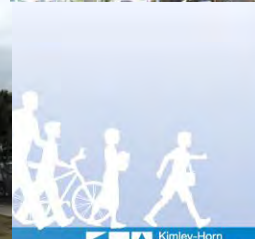
*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.



North Hialeah Elementary

- Typical improvements
 - Sidewalks, crosswalks, and signage
 - School zone flashers
 - Rectangular rapid flashing beacons (Enhancer)
- Preliminary cost estimate - \$120,000*

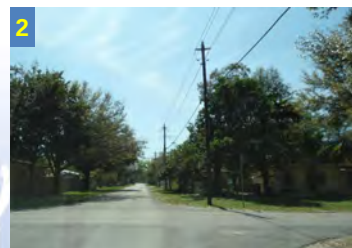
*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.



Oak Grove Elementary

- Typical improvements
 - Sidewalks, crosswalks, and signage
 - School zone flashers
 - Traffic signal upgrades
- Preliminary cost estimate - \$170,000*

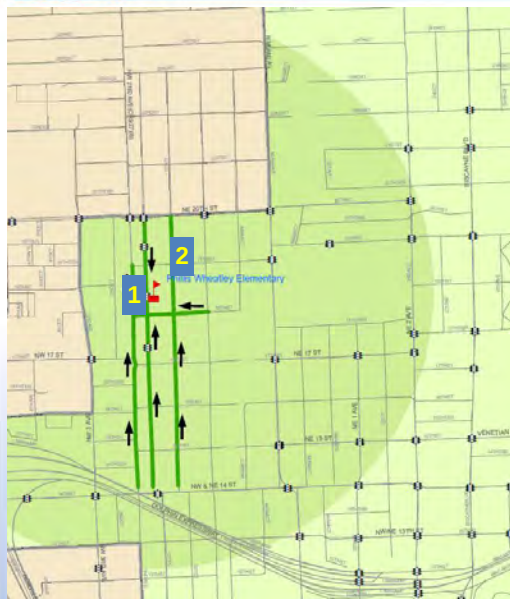
*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.



Phillis Wheatley Elementary

- Typical improvements
 - Sidewalks, crosswalks, and signage
 - School zone flashers
- Preliminary cost estimate - \$80,000*

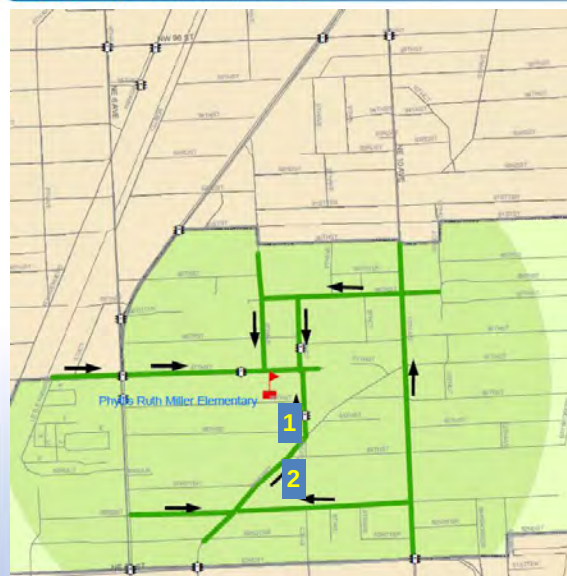
*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.



Phyllis Ruth Miller Elementary

- Typical improvements
 - Sidewalks, crosswalks, and signage
- Preliminary cost estimate - \$50,000*

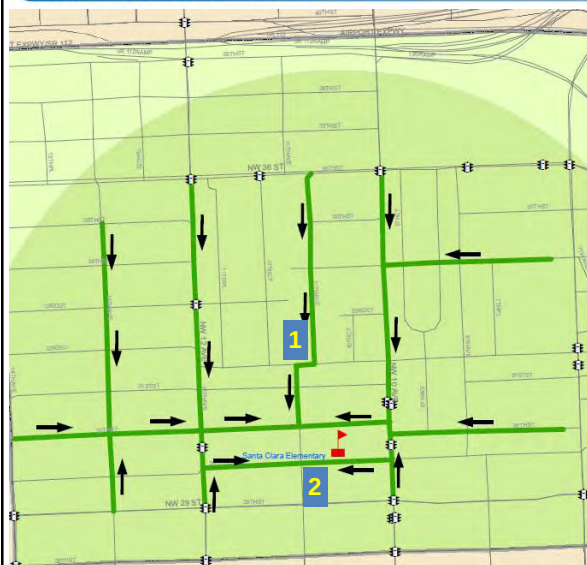
*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.



Santa Clara Elementary

- Typical improvements
 - Sidewalks, crosswalks, and signage
- Preliminary cost estimate - \$60,000*

*Includes contingency, mobilization, maintenance of traffic, preliminary engineering, and construction engineering inspection costs.



Toussaint L'ouverture Elementary

- Typical improvements
 - Sidewalks, crosswalks, and signage
 - Rectangular rapid flashing beacons (enhancer)
- Preliminary cost estimate - \$130,000 - \$150,000*

*Cost estimate is being revised to incorporate additional improvements.



- Conduct Student In-Class Travel Tally survey
- Finalize cost estimates and SRTS plans
- Prioritize SRTS funding applications
- Coordinate with MDC PWD and School Board to prepare applications

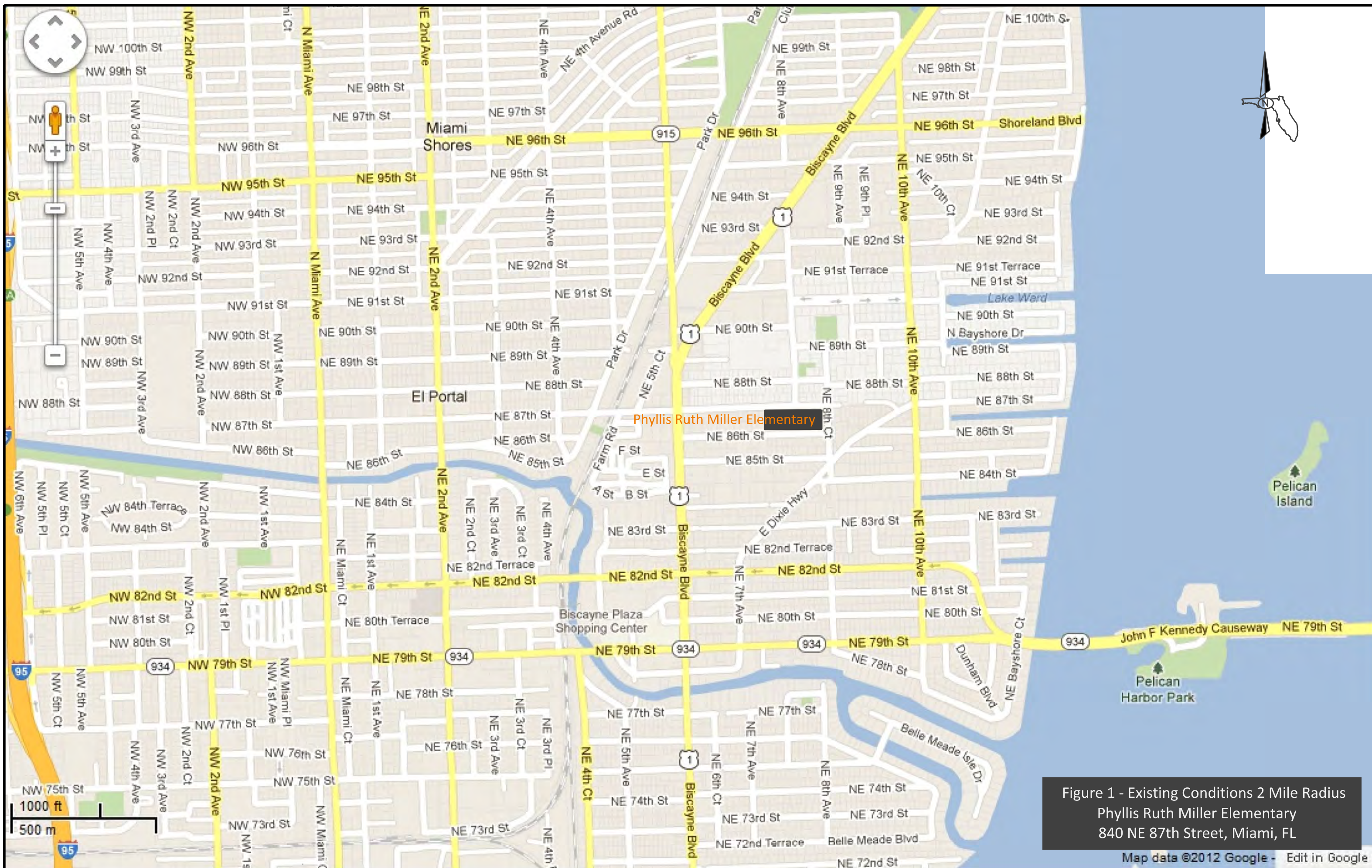
FDOT deadline for applications is April 30, 2012



APPENDIX E

SRTS Maps and Cost Estimates

Phyllis Ruth Miller Elementary



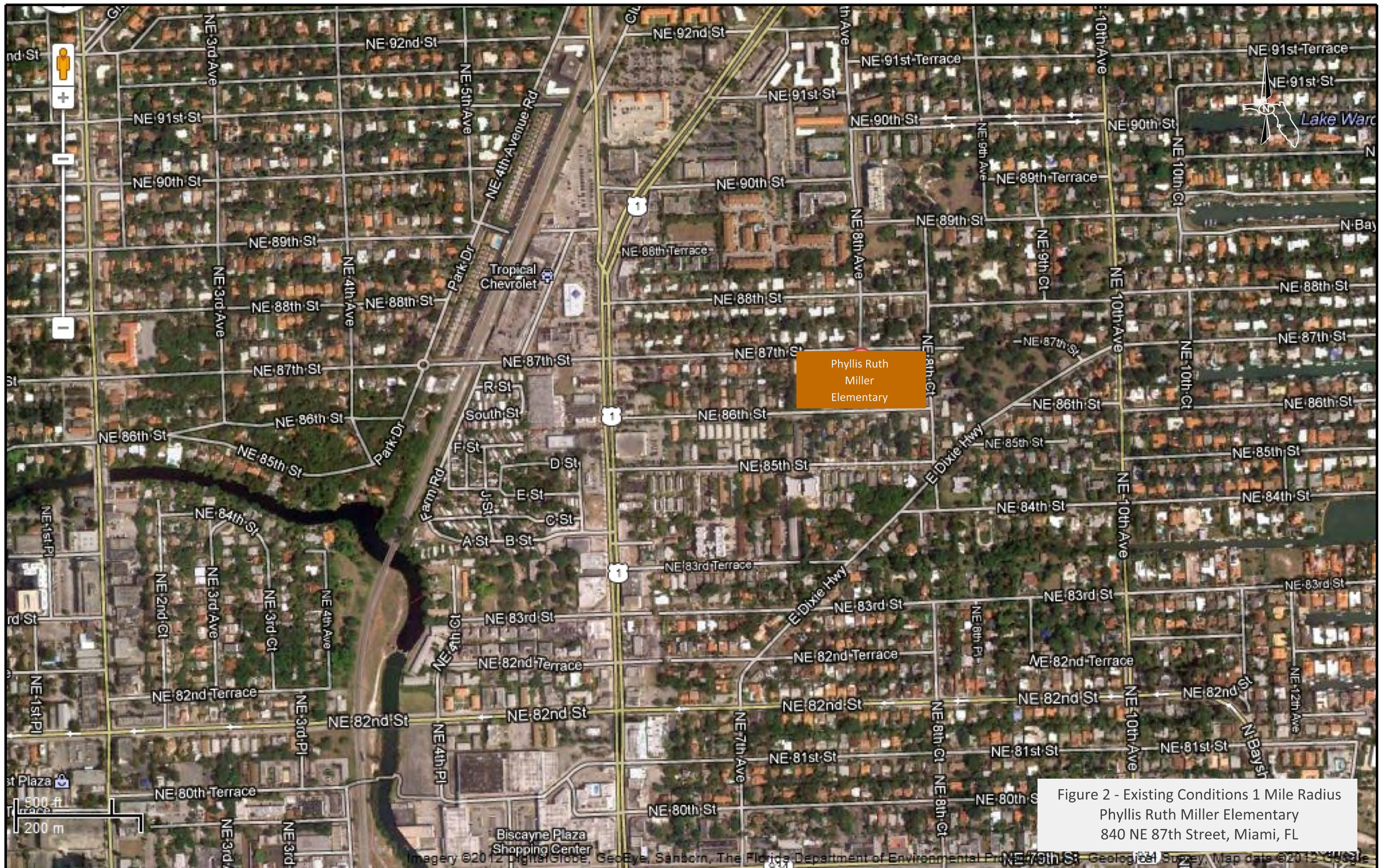


Figure 2 - Existing Conditions 1 Mile Radius
Phyllis Ruth Miller Elementary
840 NE 87th Street, Miami, FL

Phyllis Ruth Miller Elementary

Figure 3. Land Uses

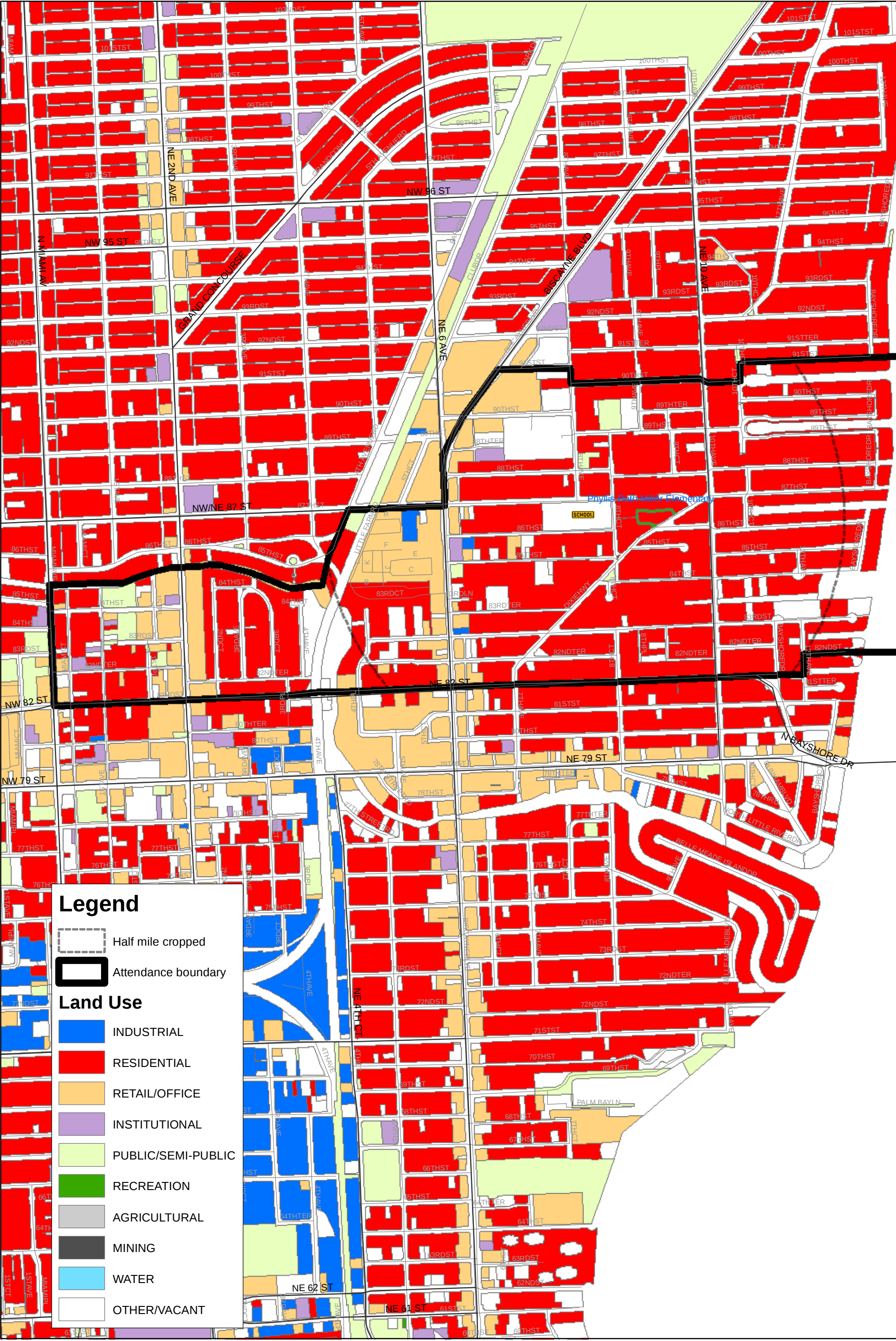
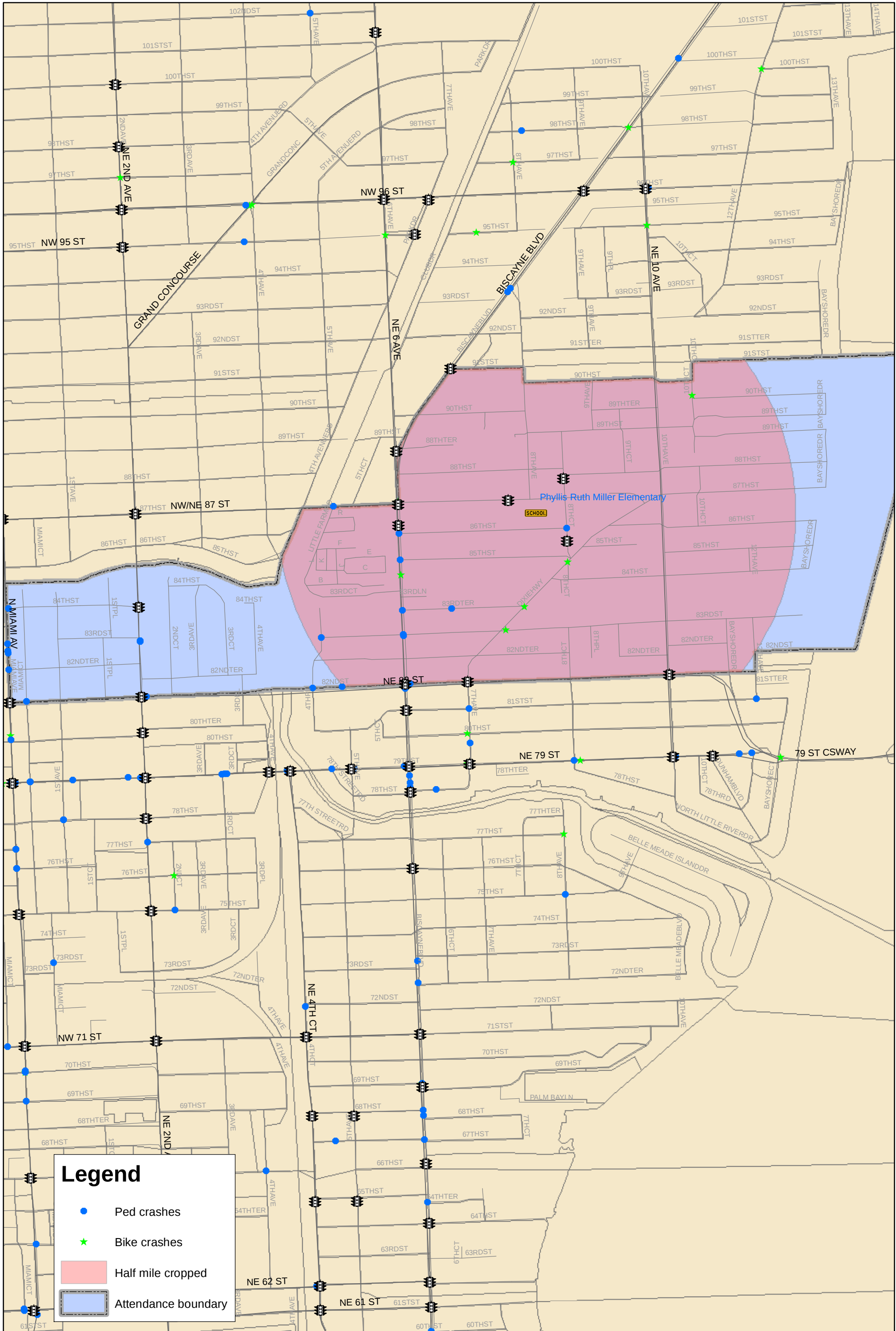
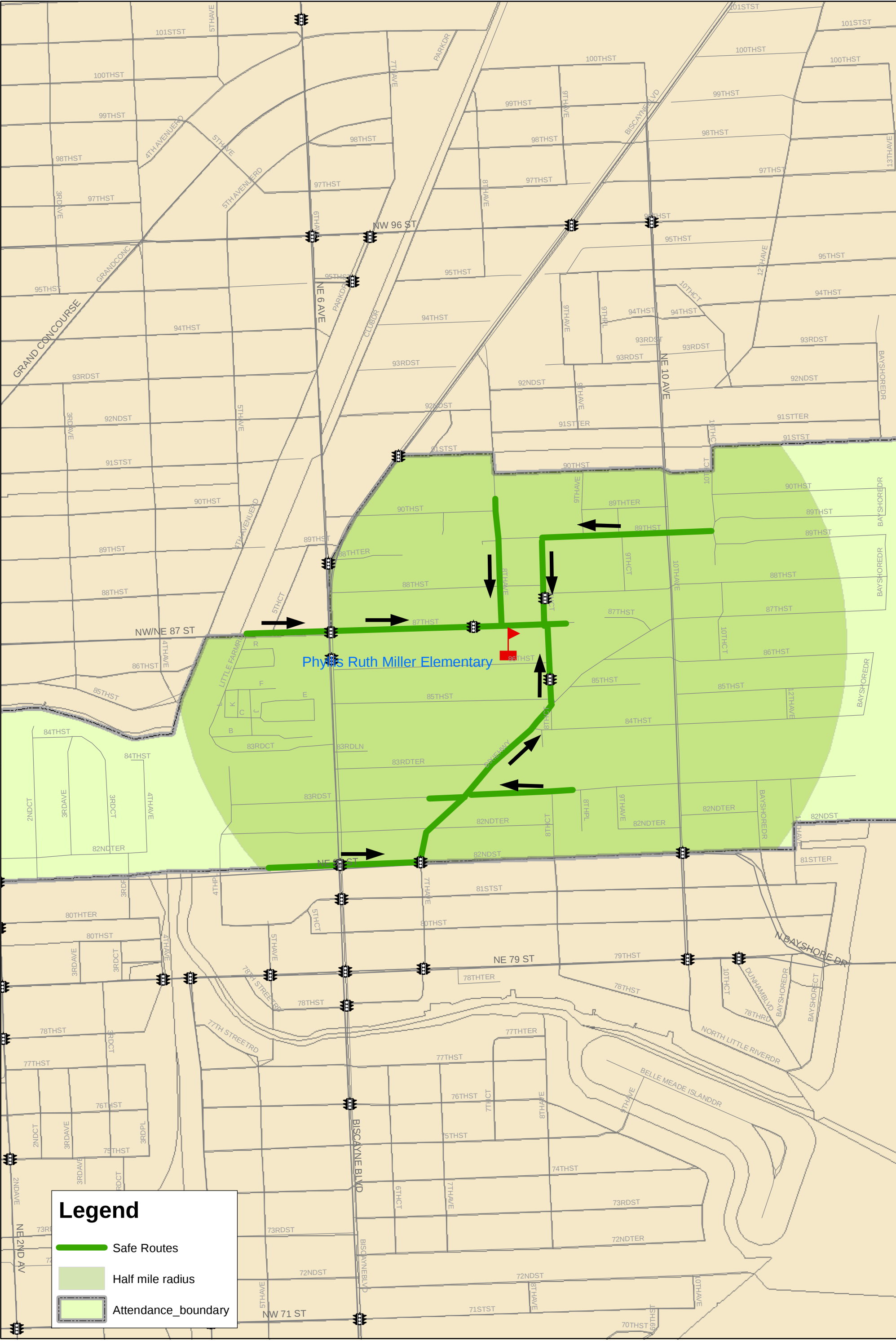


Figure 4. Pedestrian and Bicycle Crashes (2005-2009)



Phyllis Ruth Miller Elementary
Figure 5. Safe Routes to School Plan



Phyllis Ruth Miller Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NE 89 Street (From NE 10 Avenue to NE 8 Avenue)	711-11-123	Install crosswalk at NE 10 Avenue - east side	45	\$3.58	LF	\$161.10
	711-11-123	Install crosswalk at NE 10 Avenue - north side	40	\$3.58	LF	\$143.20
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 10 Avenue - north and east sides (S1-1, W16-7P)x2	2	\$257.50	AS	\$515.00
	700-20-11	Install fluorescent yellow green school advance crossing assembly at NE 10 Avenue - northbound, southbound, and westbound directions (S1-1, W16-9P)x3	3	\$257.50	AS	\$772.50
	711-11-123	Install crosswalk at NE 9 Court - north side	28	\$3.58	LF	\$100.24
	711-11-123	Install crosswalk at NE 8 Court - west side	21	\$3.58	LF	\$75.18
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 8 Court - west side (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	522-1	Install sidewalk extension/ramp at NE 8 Court - west side	3	\$37.41	SY	\$124.70
	711-11-123	Install crosswalk at NE 8 Avenue - east side	45	\$3.58	LF	\$161.10
	527-1	Install detectable warning surfaces at NE 8 Ct, NE 8 Ave, and NE 9 Ct	6	\$392.88	EA	\$2,357.28
	110 1 1	Clearing and grubbing for recommended improvements along NE 89 Street	0.001	\$20,579.79	AC	\$14.17
NE 8 Avenue (From NE 90 Street to NE 88 Street)	711-11-123	Install crosswalk at NE 90 Street - west side	35	\$3.58	LF	\$125.30
	527-1	Retrofit existing ramps at NE 90 Street - west side	2	\$392.88	EA	\$785.76
	711-11-123	Install crosswalk at NE 88 Street - east and west sides	70	\$3.58	LF	\$250.60
	527-1	Retrofit existing ramps at NE 88 Street - east and west sides	4	\$392.88	EA	\$1,571.52
	700-21-40	Relocate school speed sign assembly on the west side, south of NE 88 Street, to the southwest corner of NE 88 Street	1	\$2,678.14	AS	\$2,678.14
		NOTE: Trim overgrown landscaping between NE 88 Street and NE 87 Street - west side	Maintenance			N/A
NE 87 Street	522-2	Install missing sidewalk approx. 400 feet west of NE 8 Avenue - south side in front of house # 740	33	\$38.99	SY	\$1,299.67
	711-11-123, 711-11-125	Upgrade existing high emphasis crosswalks at US 1/Biscayne Boulevard to ladder type - north, east, and west sides	116	\$10.22	LF	\$1,185.13
	110 1 1	Clearing and grubbing for recommended improvements along NE 87 Street	0.007	\$20,579.79	AC	\$141.73
NE 82 Street	653-192	Install pedestrian countdown signal heads at Biscayne Boulevard - north side	2.000	\$1,048.73	AS	\$2,097.46
NE 8 Court (From NE 87 Street to NE 85 Street)	711-17	Remove crosswalk at NE 87 Street - south side	200	\$2.50	SF	\$500.00
	711-11-123, 711-11-125	Install high emphasis crosswalk at NE 87 Street - south side	20	\$10.22	LF	\$204.33
	711-17	Remove crosswalk at NE 87 Street - west side	330	\$2.50	SF	\$825.00
	711-11-123, 711-11-125	Install high emphasis crosswalk at NE 87 Street - west side	33	\$10.22	LF	\$337.15
	527-1	Retrofit existing ramps at NE 87 Street - south and west sides	3	\$392.88	EA	\$1,178.64
	711-17	Remove crosswalk at NE 86 Street - north side	300	\$2.50	SF	\$750.00
	711-11-123, 711-11-125	Install high emphasis crosswalk at NE 86 Street - north side	30	\$10.22	LF	\$306.50
	711-17	Remove crosswalk at NE 86 Street - west side	300	\$2.50	SF	\$750.00
	711-11-123, 711-11-125	Install high emphasis crosswalk at NE 86 Street - west side	30	\$10.22	LF	\$306.50
	527-1	Retrofit existing ramp at NE 86 Street - northwest corner	1	\$392.88	EA	\$392.88
	522-2	Install sidewalk between NE 86 Street and NE 85 Street - west side (includes sidewalk extension/ramp at NE 86 Street - southwest corner and at NE 85 Street - northwest corner)	144	\$38.99	SY	\$5,631.89
	522-1	Install sidewalk extension/ramp at NE 85 Street - southwest corner	7	\$37.41	SY	\$249.40
	110 1 1	Clearing and grubbing for recommended improvements along NE 8 Court	0.031	\$20,579.79	AC	\$642.53
E Dixie Highway (From NE 85 Street to NE 82 Street)	711-11-123	Install crosswalk at NE 85 Street/NE 8 Court - west side (across E Dixie Hwy)	36	\$3.58	LF	\$128.88
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 85 Street/NE 8 Court - west side (across E Dixie Hwy), (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	522-1	Install sidewalk extension/ramp at NE 85 Street/NE 8 Court - northwest corner	6	\$37.41	SY	\$207.83
	522-2	Install sidewalk between NE 85 Street/NE 8 Court and NE 84 Street - east/south side in front of Shorecrest Mini Park (includes sidewalk extension/ramp at NE 85 Street/NE 8 Court and NE 84 Street - southwest corner)	122	\$38.99	SY	\$4,765.44
	711-11-123	Install crosswalk at NE 84 Street/NE 8 Court - east/south side	22	\$3.58	LF	\$78.76
	522-2	Install missing sidewalk at NE 83 Terrace - east/south side in front of house # 8347	44	\$38.99	SY	\$1,732.89
	711-11-123	Install crosswalk at NE 83 Street - in front of house # 749 (across NE 83 Street) - east side	22	\$3.58	LF	\$78.76
	522-1	Install sidewalk extension/ramp at NE 83 Street - in front of house # 749 (across NE 83 Street) - for above crosswalk	9	\$37.41	SY	\$353.32

Phyllis Ruth Miller Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
	110 1 1	Clearing and grubbing for recommended improvements along E Dixie Highway	0.038	\$20,579.79	AC	\$772.45
	711-11-123	Install crosswalk at NE 82 Terrace - in front of house # 718 (across NE 82 Terrace) - east side	22	\$3.58	LF	\$78.76
	522-2	Install sidewalk extension/ramp at NE 82 Terrace - in front of house # 718 (across NE 82 Terrace) - for above crosswalk	9	\$38.99	SY	\$350.91
	527-1	Install detectable warning surfaces between NE 82 Ter and NE 85 St	6	\$392.88	EA	\$2,357.28
	711-11-123, 711-11-125	Install high emphasis crosswalk at NE 82 Street - north side	30	\$10.22	LF	\$306.50
	653-192	Install pedestrian countdown signal heads at NE 82 Street (connect to existing push buttons) - north side	2.000	\$1,048.73	AS	\$2,097.46
Within school zone	MDC PW	Replace existing school speed zone signs with fluorescent yellow green signs	10	\$150.00	AS	\$1,500.00
Construction Cost						\$41,958.85
Maintenance of Traffic (10%)						\$4,195.88
Mobilization (10%)						\$4,195.88
Sub Total						\$50,350.61
Contingency (15%)						\$7,552.59
Total Construction Cost						\$57,903.21
PE (15%)						\$8,685.48
CEI (15%)						\$8,685.48
Grand Total						\$75,274.17

Jesse J McCrary Elementary

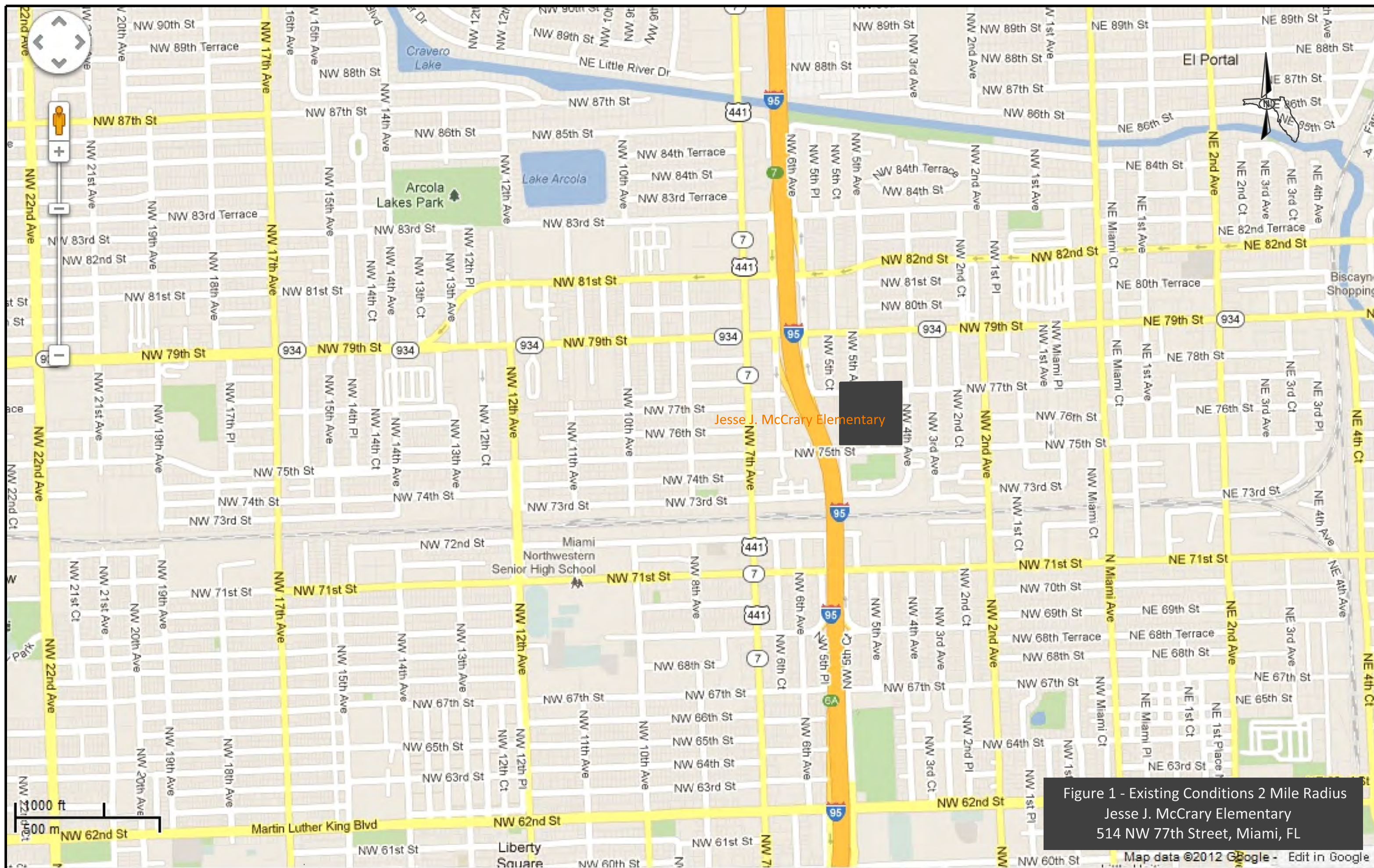


Figure 1 - Existing Conditions 2 Mile Radius
Jesse J. McCrary Elementary
514 NW 77th Street, Miami, FL
Map data ©2012 Google - Edit in Google

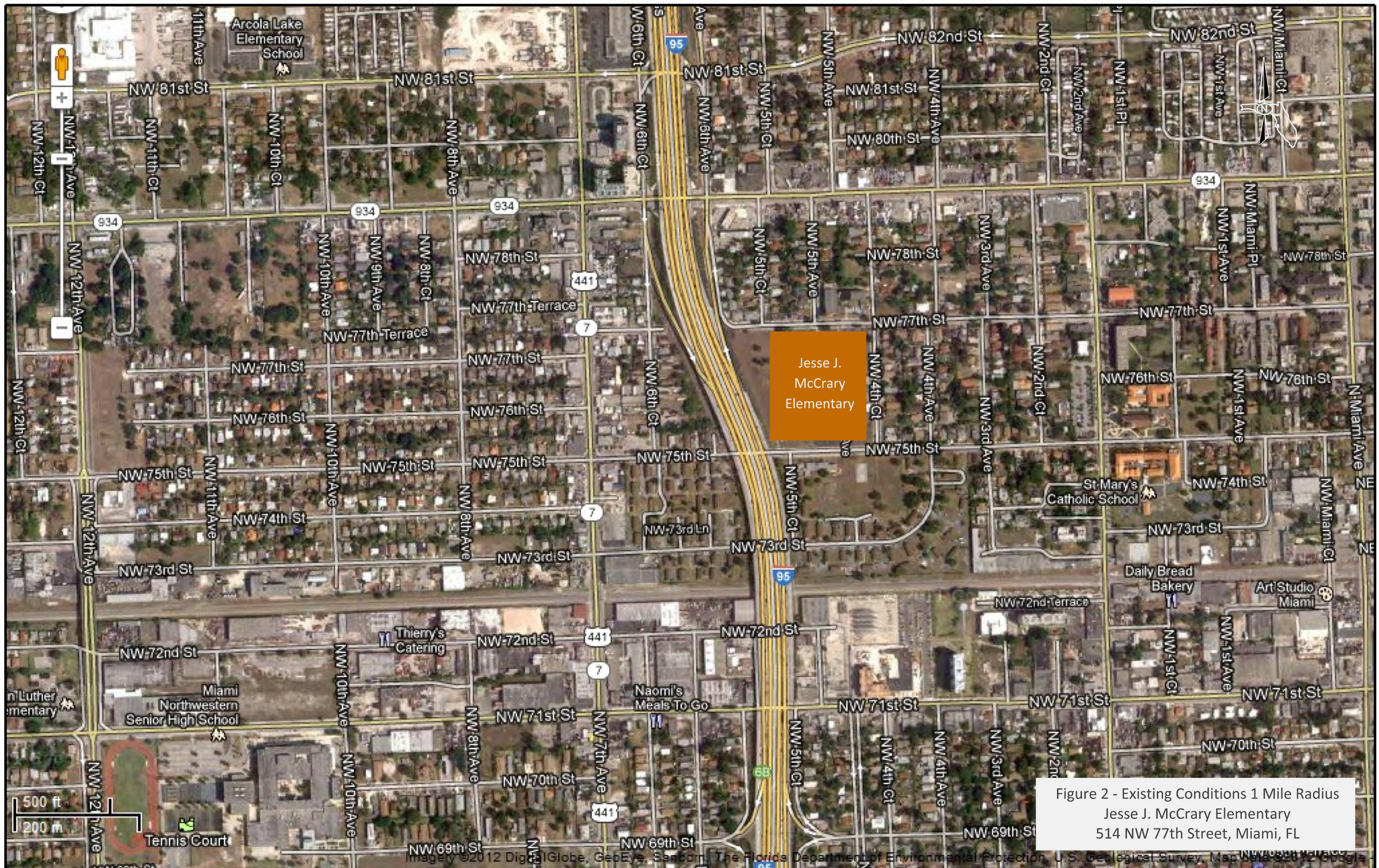
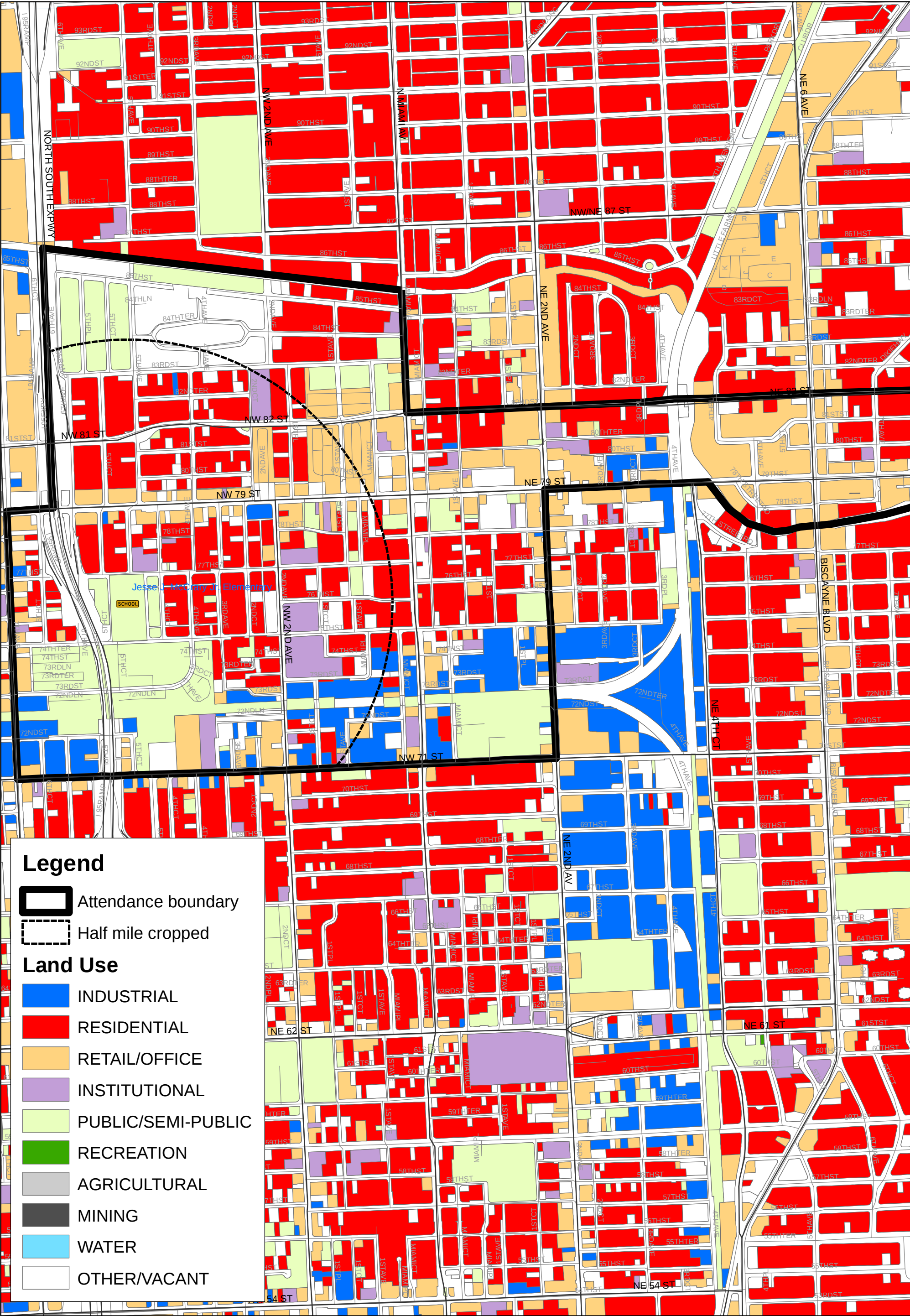


Figure 2 - Existing Conditions 1 Mile Radius
Jesse J. McCrary Elementary
514 NW 77th Street, Miami, FL

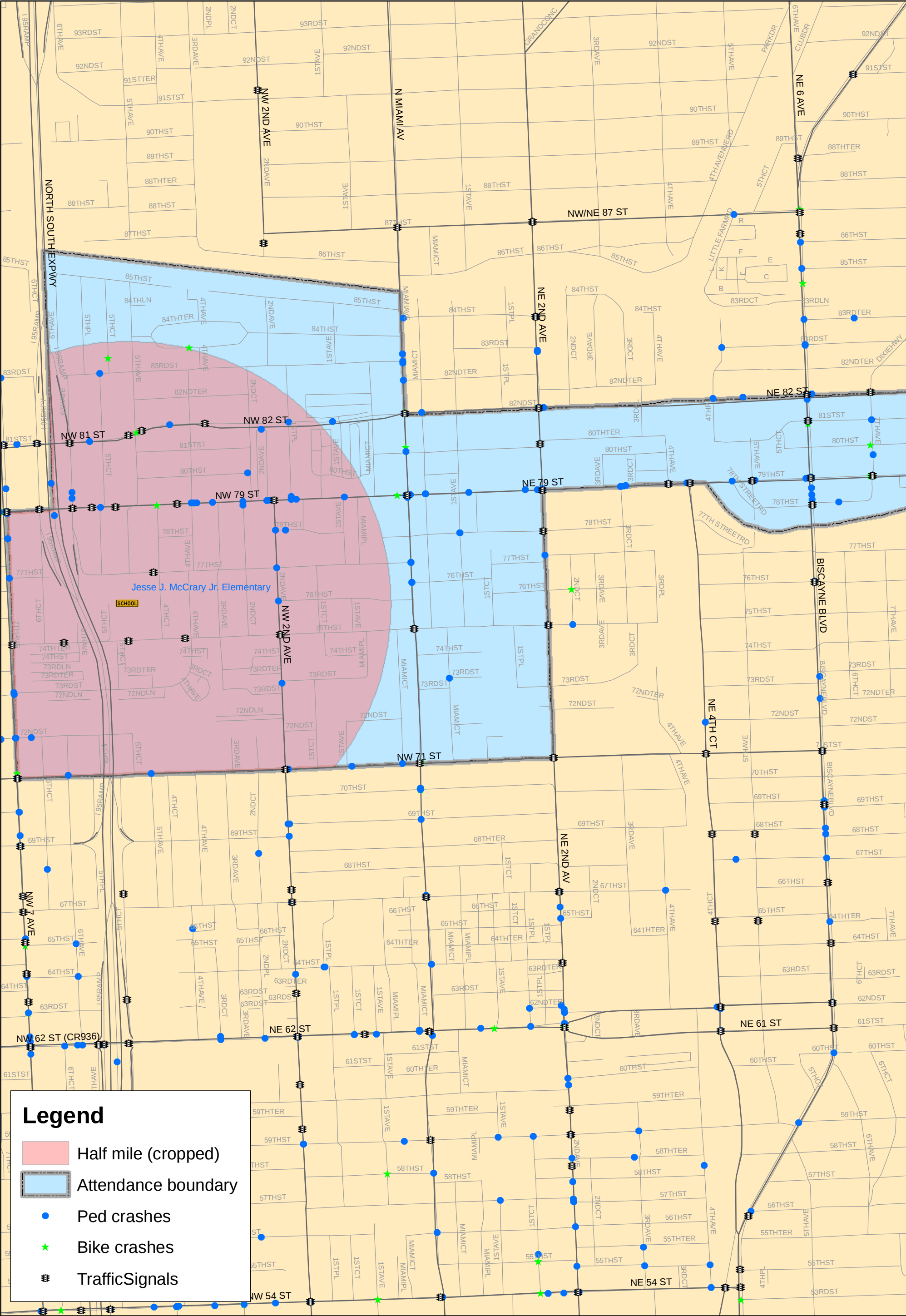
Jesse J. McCrary Jr. Elementary School (formerly Little River Elementary School)

Figure 3. Land Uses



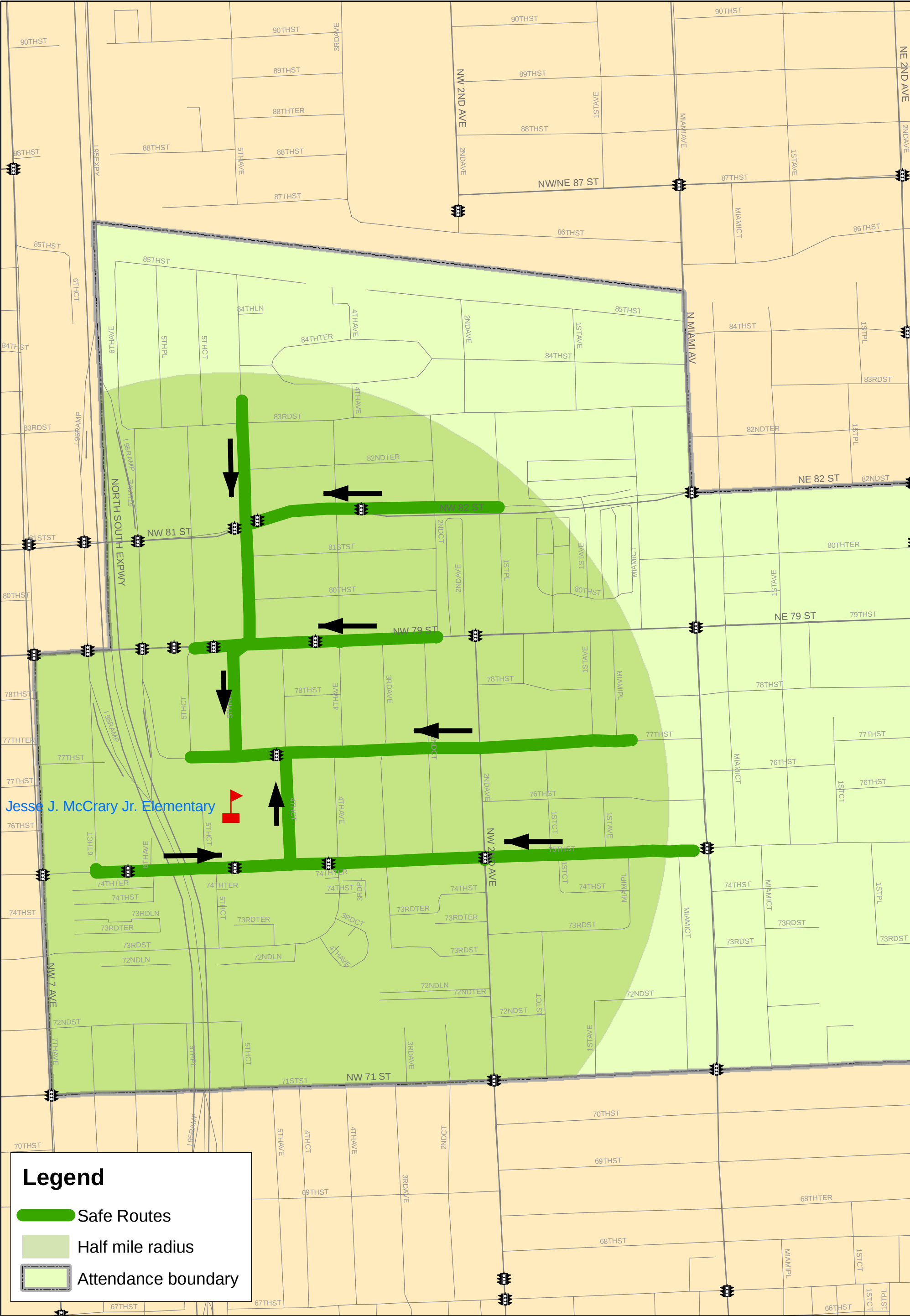
Jesse J. McCrary Jr. Elementary School (formerly Little River Elementary School)

Figure 4. Pedestrian and Bicycle Crashes (2005-2009)



Jesse J. McCrary Jr. Elementary School (formerly Little River Elementary School)

Figure 5. Safe Routes to School Plan



Jesse J McCrary Jr. Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NW 77 Street (From NW Miami Avenue to NW 5 Avenue)	711-11-123	Install a crosswalk at NW Miami Place - north side	30	\$3.58	LF	\$107.40
	527-1	Retrofit existing ramps at NW Miami Place - north side	2	\$392.88	EA	\$785.76
	110-4	Remove uneven sidewalk concrete block on the north side about 30 feet west of NW Miami Place	6	\$11.80	SY	\$65.56
	522-1	Install sidewalk concrete block on the north side about 30 feet west of NW Miami Place	6	\$37.41	SY	\$207.83
	711-11-123	Install a crosswalk at NW 1 Avenue - north side	30	\$3.58	LF	\$107.40
	527-1	Retrofit existing ramps at NW 1 Avenue - north side	2	\$392.88	EA	\$785.76
	711-11-123	Install a crosswalk at NW 1 Court - south side	25	\$3.58	LF	\$89.50
	527-1	Retrofit existing ramps at NW 1 Court - south side	2	\$392.88	EA	\$785.76
	711-11-123	Install a crosswalk at NW 2 Avenue - south side	56	\$10.22	LF	\$572.13
	527-1	Retrofit existing ramps at NW 2 Avenue - west and east sides	4	\$392.88	EA	\$1,571.52
	NA	Install school crossing signs and rectangular rapid flashing beacons (RRFB) with push buttons at NW 2 Avenue facing NB and SB traffic - south side	2	\$10,000.00	AS	\$20,000.00
	711-11-123	Install crosswalks at NW 2 Court - north and south sides	78	\$3.58	LF	\$279.24
	527-1	Retrofit existing ramps at NW 2 Court - north and south sides	4	\$392.88	EA	\$1,571.52
	711-11-123	Install a crosswalk at NW 3 Avenue - south side	45	\$3.58	LF	\$161.10
	110-4	Remove sidewalk extension/ramp at NW 3 Avenue - southwest corner	22	\$11.80	SY	\$262.22
	522-1	Install sidewalk extension/ramp at NW 3 Avenue - southwest corner	22	\$37.41	SY	\$831.33
	711-11-123, 711-11-125	Install a high emphasis crosswalk at NW 3 Avenue - east side	50	\$10.22	LF	\$510.83
	700-20-11	Install fluorescent yellow green school crossing assembly at NW 3 Avenue - east side (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	527-1	Retrofit existing ramps at NW 3 Avenue - east side	2	\$392.88	EA	\$785.76
	711-11-123	Install a crosswalk at NW 4 Avenue - south side	35	\$3.58	LF	\$125.30
	527-1	Retrofit existing ramps at NW 4 Avenue - south side	2	\$392.88	EA	\$785.76
		NOTE: Trim overgrown trees blocking view of overhead schools zone flashers and signs at NW 4 Court - east and west sides	Maintenance			N/A
NW 75 Street (From NW Miami Avenue to NW 6 Court)	711-11-123	Install a crosswalk at NW Miami Court - south side	50	\$3.58	LF	\$179.00
	527-1	Retrofit existing ramps at NW Miami Court - south side	2	\$392.88	EA	\$785.76
	711-11-123	Install a crosswalk at NW Miami Place - south side	55	\$3.58	LF	\$196.90
	527-1	Retrofit existing ramps at NW Miami Place - south side	2	\$392.88	EA	\$785.76
	711-11-123	Install a crosswalk at NW 1 Avenue - north side	30	\$3.58	LF	\$107.40
	527-1	Retrofit existing ramps at NW 1 Avenue - north side	2	\$392.88	EA	\$785.76
	711-11-123	Install crosswalks at NW 1 Court - north and south sides	75	\$3.58	LF	\$268.50
	527-1	Retrofit existing ramps at NW 1 Court - north and south sides	4	\$392.88	EA	\$1,571.52
	665-12	Install pedestrian push buttons and pedestrian countdown signal heads - west side at NW 2 Avenue	1	\$455.00	EA	\$455.00
	653-192	Install pedestrian countdown signal heads at NW 2 Avenue - east and north sides	2	\$1,048.73	AS	\$2,097.46
	527-1	Retrofit existing ramps at NW 2 Avenue - north, west and east sides	6	\$392.88	EA	\$2,357.28
	711-11-123	Install crosswalk at NW 2 Court - north side	42	\$3.58	LF	\$150.36
	527-1	Retrofit existing ramps at NW 2 Court - north side	2	\$392.88	EA	\$785.76
	711-11-123	Install crosswalks at NW 3 Avenue - north and south sides	90	\$3.58	LF	\$322.20
	527-1	Retrofit existing ramps at NW 3 Avenue - north and south sides	4	\$392.88	EA	\$1,571.52
	700-20-60	Remove old yellow pedestrian sign at signalized pedestrian crossing between NW 4 Court and I-95 - north side (S1-1)	1	\$18.82	AS	\$18.82
	700-20-11	Install fluorescent yellow green school crossing assembly at signalized pedestrian crossing between NW 4 Court and I-95 - north side (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	711-11-123	Install crosswalk at NW 6 Court - north side	40	\$3.58	LF	\$143.20
	527-1	Retrofit existing ramps at NW 6 Court - north side	2	\$392.88	EA	\$785.76
		NOTE: Trim overgrown landscaping that block school speed sign facing eastbound traffic - 150 feet west of NW 2 Avenue on south side	Maintenance			N/A
NW 4 Court		NOTE: Trim overgrown landscaping south of NW 78 Street west side - Tree blocking schools zone sign facing southbound.	Maintenance			N/A
NW 79 Street (From NW 6 Avenue to NW 4 Avenue)	110-4	Concrete removal between NW 4 Ave and NW 5 Ave - north side, where the base of a knocked down sign is a tripping hazard.	6	\$11.80	SY	\$65.56
	522-1	Install concrete sidewalk between NW 4 Ave and NW 5 Ave - north side	6	\$37.41	SY	\$207.83
	520-1-10	Install Type F curb between NW 4 Ave and NW 5 Ave - north side	5	\$18.07	LF	\$90.35
	700-20-11	Install fluorescent yellow green school advance crossing assembly signs between NW 4 Ave and NW 5 Ave, north side. (S1-1, W16-9P)	1	\$257.50	AS	\$257.50
	711-11-125, 711-11-160	Install "school" pavement marking for single lane approach east of NW 5 Avenue, westbound	1	\$177.86	EA	\$177.86
	711-11-111	Install fluorescent yellow green school crossing assembly between NW 4 Ave and NW 5 Ave, north and south sides. (S1-1, W16-7P)	1	\$257.50	AS	\$257.50

Jesse J McCrary Jr. Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NW 82 Street	711-11-123	Install crosswalk at NW 1 Place - north side	55	\$3.58	LF	\$196.90
	527-1	Retrofit existing ramps at NW 1 Place - north side	2	\$392.88	EA	\$785.76
NW 5 Avenue (From NW 79 Street to NW 83 Street)	711-11-123	Install a crosswalk at NW 80 Street - east side	35	\$3.58	LF	\$125.30
	522-1	Install sidewalk extension/ramp at NW 80 Street - east side	12	\$37.41	SY	\$436.45
	110-4	Concrete removal between NW 80 Street to NW 82 Street - east side	198	\$11.80	SY	\$2,333.78
	522-1	Install sidewalk between NW 80 Street to NW 82 Street - east side (includes sidewalk extension/ramp at NW 81 Street - east side)	198	\$37.41	SY	\$7,398.87
	711-11-123	Install a crosswalk at NW 81 Street - east side	36	\$3.58	LF	\$128.88
	110-4	Concrete removal between NW 82 Street and south of NW 82 Terrace - east side	61	\$11.80	SY	\$721.11
	522-1	Install sidewalk between NW 82 Street and south of NW 82 Terrace - east side	61	\$37.41	SY	\$2,286.17
	711-11-123	Install a crosswalk at NW 82 Terrace - east side	35	\$3.58	LF	\$125.30
	522-1	Install sidewalk extension/ramp at NW 82 Terrace - east side	6	\$37.41	SY	\$207.83
	522-1	Install missing sidewalk between north of NW 82 Terrace and NW 83 Street - east side (includes sidewalk extension/ramp at NW 82 Terrace - northeast corner)	42	\$37.41	SY	\$1,558.75
	711-11-123	Install a crosswalk at NW 83 Street - east side	45	\$3.58	LF	\$161.10
	527-1	Install detectable warning surfaces	6	\$392.88	EA	\$2,357.28
	110 1 1	Clearing and grubbing for recommended improvements along NW 5 Avenue	0.012	\$20,579.79	AC	\$250.40
NW 4 Avenue (From NW 79 Street to NW 83 Street)	711-17	Remove crosswalk at NW 79 Street - north side	56	\$5.00	SF	\$280.00
	711-11-123	Install crosswalk at NW 79 Street - north side	56	\$3.58	LF	\$200.48
	527-1	Retrofit existing ramps at NW 79 Street - north side	2	\$392.88	EA	\$785.76
	711-17	Remove crosswalk at NW 82 Street - north and south sides	84	\$5.00	SF	\$420.00
	711-11-123	Install crosswalk at NW 82 Street - north and south sides	84	\$3.58	LF	\$300.72
	527-1	Retrofit existing ramps at NW 82 Street - north and south sides	4	\$392.88	EA	\$1,571.52
NW 5 Court	711-17	Remove crosswalk at NW 81 Street - north side	50	\$5.00	SF	\$250.00
	711-11-123	Install crosswalk at NW 81 Street - north side	50	\$3.58	LF	\$179.00
Within school zone	MDC PW	Replace existing school speed zone signs with fluorescent yellow green signs	10	\$150.00	AS	\$1,500.00
Construction Cost						\$69,892.60
Maintenance of Traffic (10%)						\$6,989.26
Mobilization (10%)						\$6,989.26
Sub Total						\$83,871.12
Contingency (15%)						\$12,580.67
Total Construction Cost						\$96,451.79
PE (15%)						\$14,467.77
CEI (15%)						\$14,467.77
Grand Total						\$125,387.33

Toussaint L'ouverture Elementary

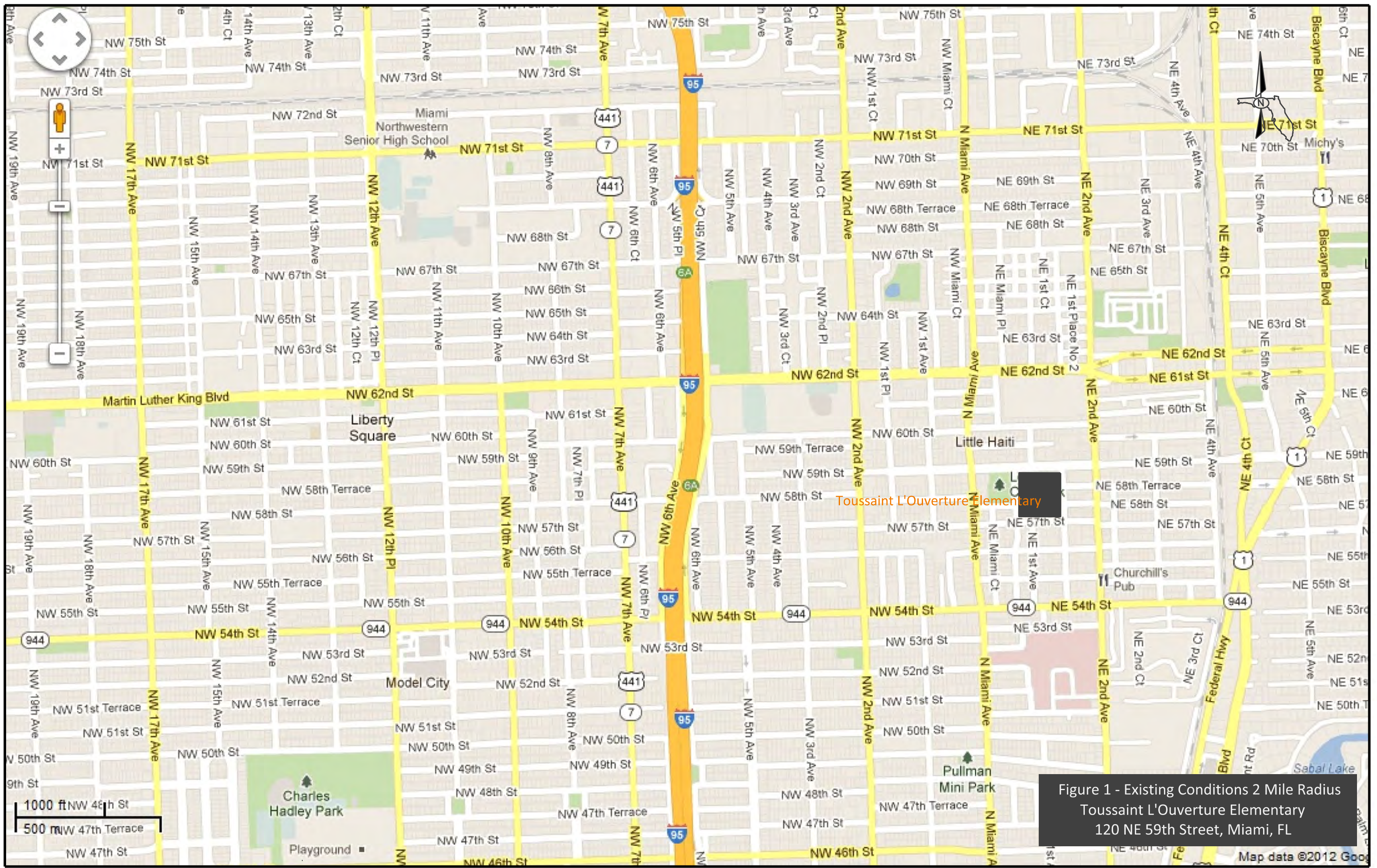
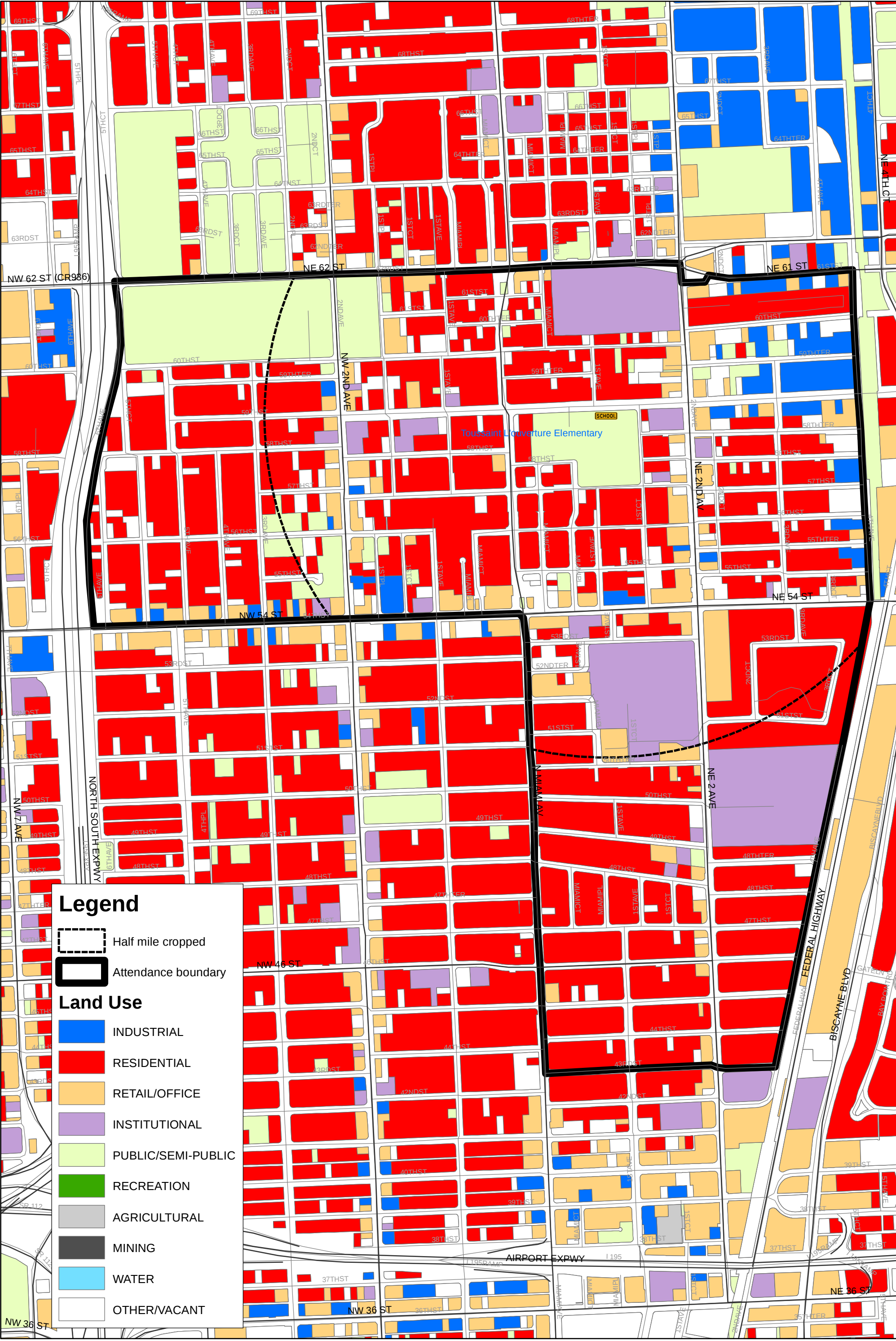


Figure 1 - Existing Conditions 2 Mile Radius
Toussaint L'Ouverture Elementary
120 NE 59th Street, Miami, FL

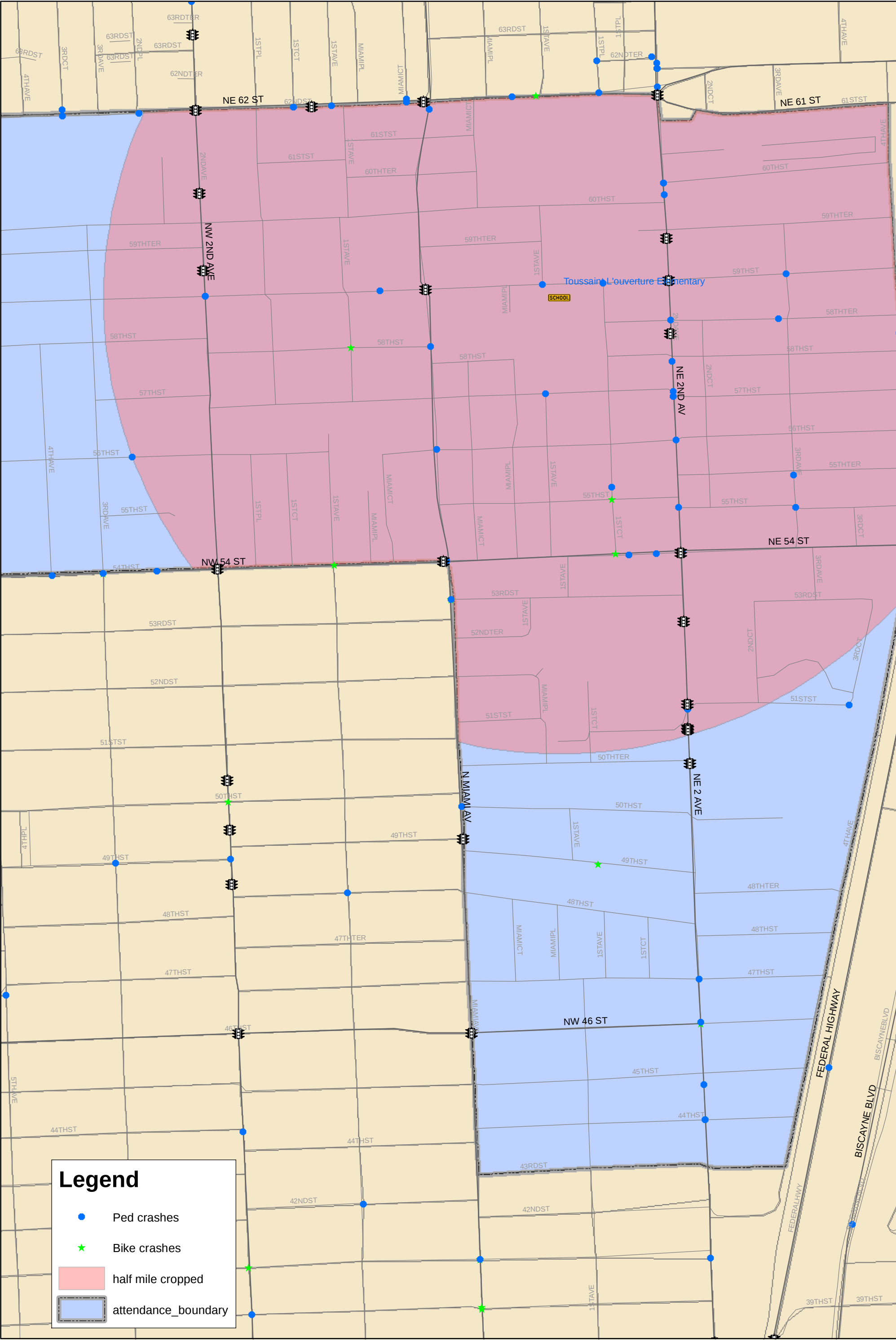
Toussaint L'ouverture Elementary

Figure 3. Land Uses



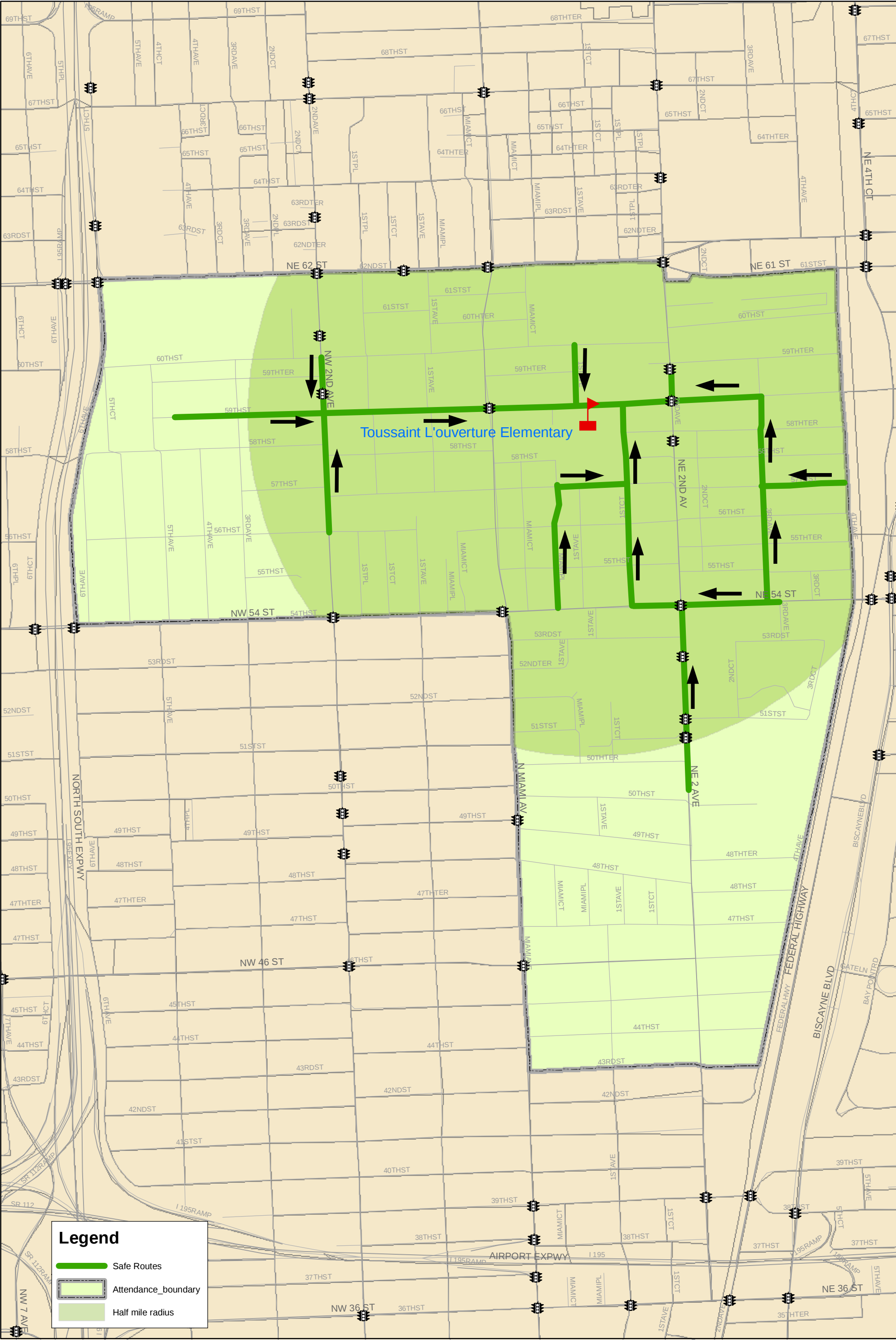
Toussaint L'ouverture Elementary

Figure 4. Pedestrian and Bicycle Crashes (2005-2009)



Toussaint L'ouverture Elementary

Figure 5. Safe Routes to School Plan



Toussaint L'ouverture Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NE Miami Place (from NE 54 Street to NE 57 Street)	711-11-123, 711-11-125	Install a high emphasis crosswalk at NE 54 Street - north side	48	\$10.22	LF	\$490.40
	711-12-123	Install crosswalk at NE 55 Street - west side	43	\$3.58	LF	\$153.94
	527-1	Retrofit existing ramps at NE 55 Street - west side	2	\$392.88	EA	\$785.76
	711-12-123	Install crosswalk at NE 56 Street - west side	36	\$3.58	LF	\$128.88
	527-1	Retrofit existing ramps at NE 56 Street - west side	2	\$392.88	EA	\$785.76
		NOTE: Trim overgrown landscaping at northeast corner of NE 57 Street - Tree blocking school zone sign facing northbound	Maintenance			N/A
NE/NW 59 Street (From NE 1 Avenue to NW 3 Avenue)	110-4	Remove concrete near crosswalk in front of school at NE 1 Avenue - south side	17	\$11.80	SY	\$196.67
	522-1	Install sidewalk extension/ramps near crosswalk in front of school at NE 1 Avenue - south side	17	\$37.41	SY	\$623.50
	527-1	Retrofit existing ramp at NE 1 Avenue - north side	2	\$392.88	EA	\$785.76
	700-20-11	Install signs to prohibit parking during school arrival and dismissal periods within 20 feet of the crosswalk in front of school at NE 1 Avenue - north side (R8-3, R10-20aP)	1	\$257.50	AS	\$257.50
	700-90-21	Relocate the existing solar school zone flasher facing eastbound traffic to the median of NE/NW 59 Street - west of NE 1 Avenue	1	\$372.63	AS	\$372.63
	711-11-123, 711-11-125	Install high emphasis crosswalks at N Miami Avenue - north, south, east and west sides	272	\$10.22	LF	\$2,778.93
	527-1	Retrofit existing ramps at N Miami Avenue - north, south, east and west sides	4	\$392.88	EA	\$1,571.52
	711-11-123	Install crosswalks at NW 1 Avenue - north and south sides	46	\$3.58	LF	\$164.68
	527-1	Retrofit existing ramps at NW 1 Avenue - north and south sides	4	\$392.88	EA	\$1,571.52
	711-11-123	Install crosswalks at NW 1 Place - north and south sides	63	\$3.58	LF	\$225.54
	527-1	Retrofit existing ramps at NW 1 Place - west side	2	\$392.88	EA	\$785.76
	711-11-123, 711-11-125	Install a high emphasis crosswalk at NW 2 Avenue - south side	68	\$10.22	LF	\$694.73
	522-1	Install sidewalk extension/ramps at NW 2 Avenue - south side	7	\$37.41	SY	\$249.40
	527-1	Install detectable warning surfaces at NW 2 Avenue - south side	2	\$392.88	EA	\$785.76
	700-20-11	Install fluorescent yellow green school crossing assembly facing northbound and southbound traffic at NW 2 Avenue - south side (S1-1, W16-7P)	2	\$257.50	AS	\$515.00
	N/A	Install rectangular rapid flashing beacons (RRFB) with push bottoms at NW 2 Avenue - south side	2	\$10,000.00	AS	\$20,000.00
	110-1-1	Clearing and grubbing for recommended improvements along NE/NW 59 Street	0.001	\$20,579.79	AC	\$28.35
	700-90-21	Relocate existing school zone flasher on NW 2 Avenue from north of NW 59 Street to south of NW 59 Street to reinforce crosswalk	1	\$372.63	AS	\$372.63
	527-1	Retrofit existing ramps at NW 3 Avenue - north and south sides	4	\$392.88	EA	\$1,571.52
	711-11-123	Install crosswalks at NW 3 Avenue - north and south sides	50	\$3.58	LF	\$179.00
NE 57 Street (From NE 4 Avenue to Miami Place)	522-2	Install sidewalk from NE 4 Avenue to NE 3 Avenue - north side (includes sidewalk extension/ramp at NE 3 Avenue - northeast corner)	232	\$38.99	SY	\$9,054.34
	527-1	Install detectable warning surfaces at NE 3 Avenue - north side	2	\$392.88	EA	\$785.76
	711-12-123	Install crosswalk at NE 3 Avenue - west and east sides	52	\$3.58	LF	\$186.16
	120-6	Fill approx. 10'x10'x10' hole along NE 3 Avenue - east side	37	\$10.77	CY	\$398.89
	711-12-123	Install a crosswalk at NE 1 Avenue - north side	30	\$3.58	LF	\$107.40
	522-1	Install sidewalk extension/ramps at NE 1 Avenue - north side	9	\$37.41	SY	\$353.32
	110-1-1	Clearing and grubbing for recommended improvements along NE 57 Street	0.050	\$20,579.79	AC	\$1,027.57
NE 3 Avenue (From NE 59 Street to NE 55 Terrace)	711-11-123	Install crosswalk at NE 56 Street - west and east sides	50	\$3.58	LF	\$179.00
	711-11-123	Install crosswalk at NE 55 Terrace - west and east sides	49	\$3.58	LF	\$175.42
	522-1	Extend sidewalk at NE 55 Terrace - southwest corner	10	\$37.41	SY	\$374.10
	711-12-123	Install crosswalk at NE 58 Street - west and east sides	45	\$3.58	LF	\$161.10
	711-12-123	Install crosswalk at NE 58 Terrace - west and east sides	70	\$3.58	LF	\$250.60
	711-12-123	Install crosswalk at NE 59 Street - south side	30	\$3.58	LF	\$107.40
	527-1	Install detectable warning surfaces along NE 3 Avenue for the above - east and west sides	16	\$392.88	EA	\$6,286.08
	110-1-1	Clearing and grubbing for recommended improvements along NE 3 Avenue	0.002	\$20,579.79	AC	\$42.52
		NOTE: Trim overgrown landscaping at NE 55 Terrace southwest corner - west side	Maintenance			N/A

Toussaint L'ouverture Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NE 2 Avenue (From NE 54 Street to NE 50 Terrace)	711-17	Remove existing crosswalk at NE 54 Street - north side	60	\$5.00	LF	\$300.00
	711-11-123, 711-11-125	Install high emphasis crosswalk at NE 54 Street - north side	60	\$10.22	LF	\$613.00
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 54 Street - north and east sides (S1-1, W16-7P)x2	2	\$257.50	AS	\$515.00
	711-12-123	Install crosswalk at NE 53 Street - west side	30	\$3.58	LF	\$107.40
	527-1	Retrofit existing ramps at NW 53 Street - west side	2	\$392.88	EA	\$785.76
	653-192	Install pedestrian countdown signal heads at NE 51 Street - west and east sides	4	\$1,048.73	AS	\$4,194.92
	711-12-123	Install crosswalk at NE 53 Street - east and west sides	55	\$3.58	LF	\$196.90
	711-11-123, 711-11-125	Install high emphasis crosswalk at NE 51 Street - west and east sides	120	\$10.22	LF	\$1,226.00
NE 1 Court (From NE 55 Street to NE 57 Street)	522-2	Install sidewalk from NE 55 Street to NE 56 Street - west side (includes sidewalk extension/ramp at NE 55 Street - northwest corner and at NE 56 Street - southwest corner)	106	\$38.99	SY	\$4,115.61
	522-2	Install sidewalk from NE 56 Street to NE 57 Street - west side (includes sidewalk extension/ramp at NE 56 Street - northwest corner and at NE 57 Street - southwest corner)	161	\$38.99	SY	\$6,281.72
	120-6	Fill approx. 10'x10'x10' hole along NE 1 Court, south of NE 57 Street - west side	37	\$10.77	CY	\$398.89
	711-11-123	Install crosswalk at NE 55 Street - west side	30	\$3.58	LF	\$107.40
	711-12-123	Install crosswalk at NE 56 Street - west side	30	\$3.58	LF	\$107.40
	711-12-123	Install crosswalk at NE 57 Street - west side	36	\$3.58	LF	\$128.88
	527-1	Install detectable warning surfaces for the above - west side	6	\$392.88	EA	\$2,357.28
	711-17	Remove crosswalk at NE 57 Street - east side	300	\$2.50	SF	\$750.00
	700-21-60	Remove old school zone speed sign approx. 100 north of NE 57 Street	1	\$344.77	AS	\$344.77
	700-21-11	Install school speed limit assembly at northeast corner of NE 57 Street (S4-3P, R2-1, S4-1P)	1	\$2,529.62	AS	\$2,529.62
	110-1-1	Clearing and grubbing for recommended improvements along NE 1 Court	0.055	\$20,579.79	AC	\$1,133.87
NE 1 Avenue	522-2	Install missing sidewalk between NE 59 Terrace and NE 60 Street - east side	83	\$38.99	SY	\$3,249.17
	110-1-1	Clearing and grubbing for recommended improvements along NE 1 Avenue	0.017	\$20,579.79	AC	\$354.33
Within school zone	MDC PW	Replace existing school speed zone signs with fluorescent yellow green signs	10	\$150.00	AS	\$1,500.00
Construction Cost						\$86,862.72
Maintenance of Traffic (10%)						\$8,686.27
Mobilization (10%)						\$8,686.27
Sub Total						\$104,235.26
Contingency (15%)						\$15,635.29
Total Construction Cost						\$119,870.55
PE (15%)						\$17,980.58
CEI (15%)						\$17,980.58
Grand Total						\$155,831.72

Kensington Park Elementary

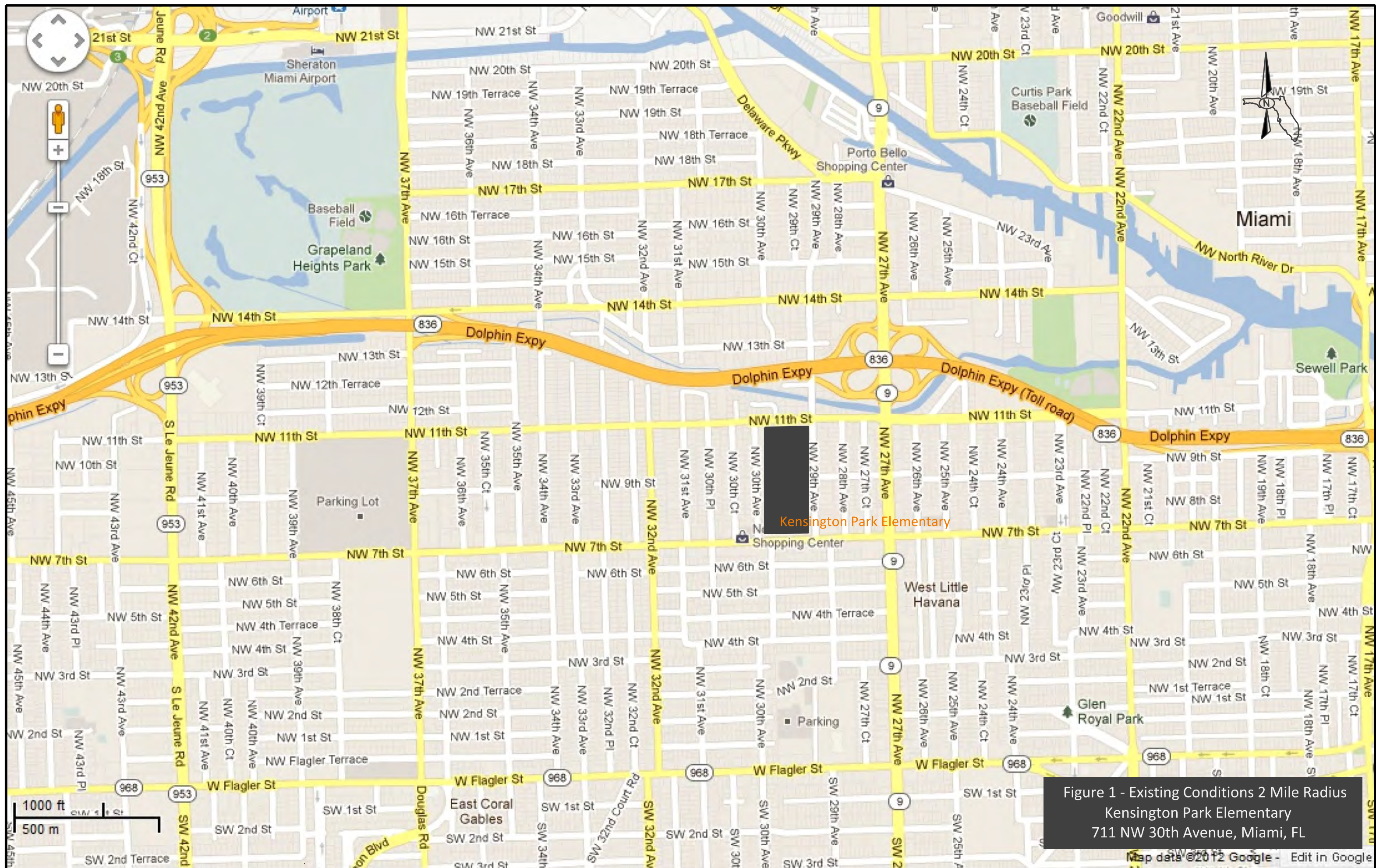
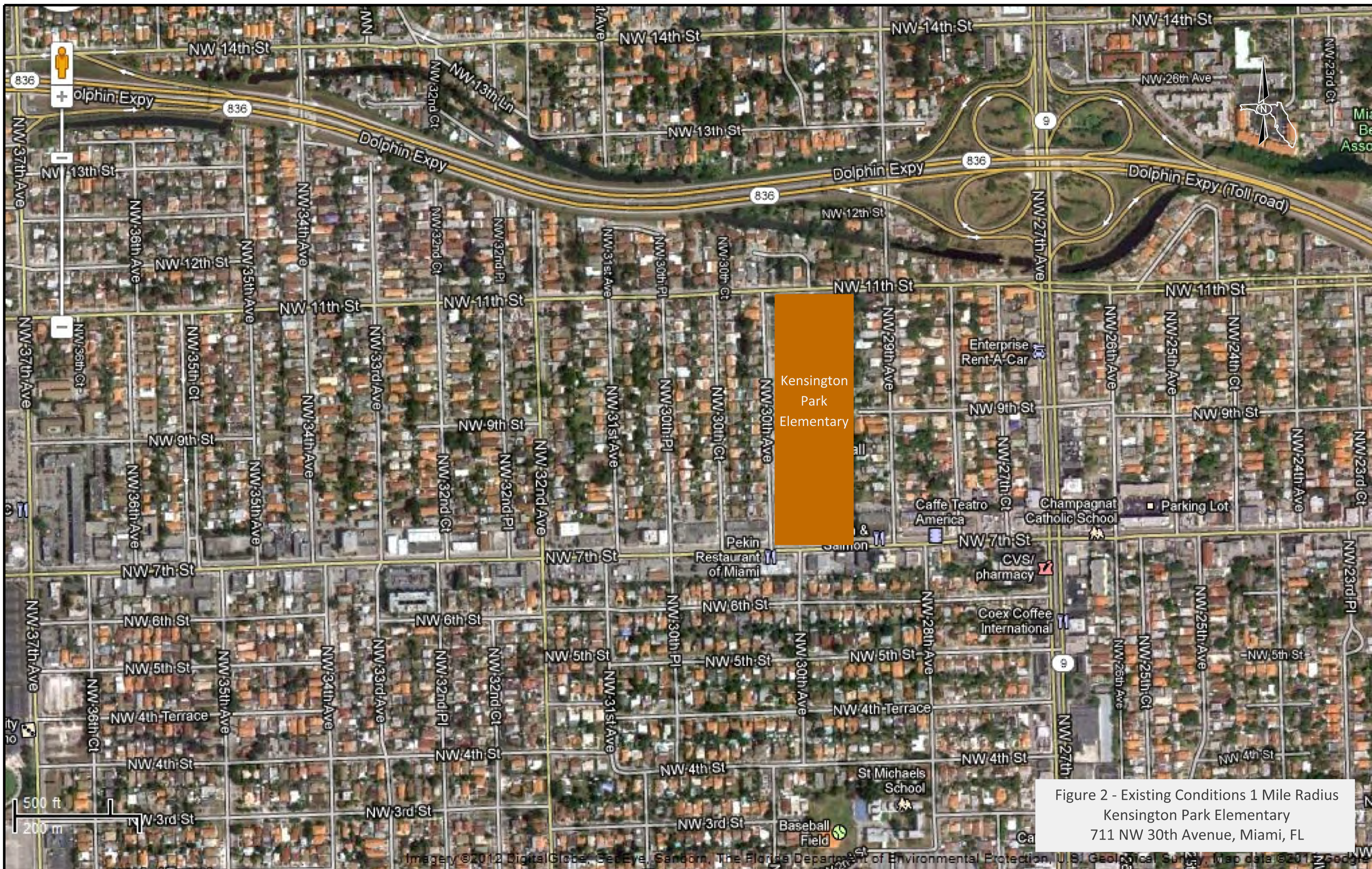
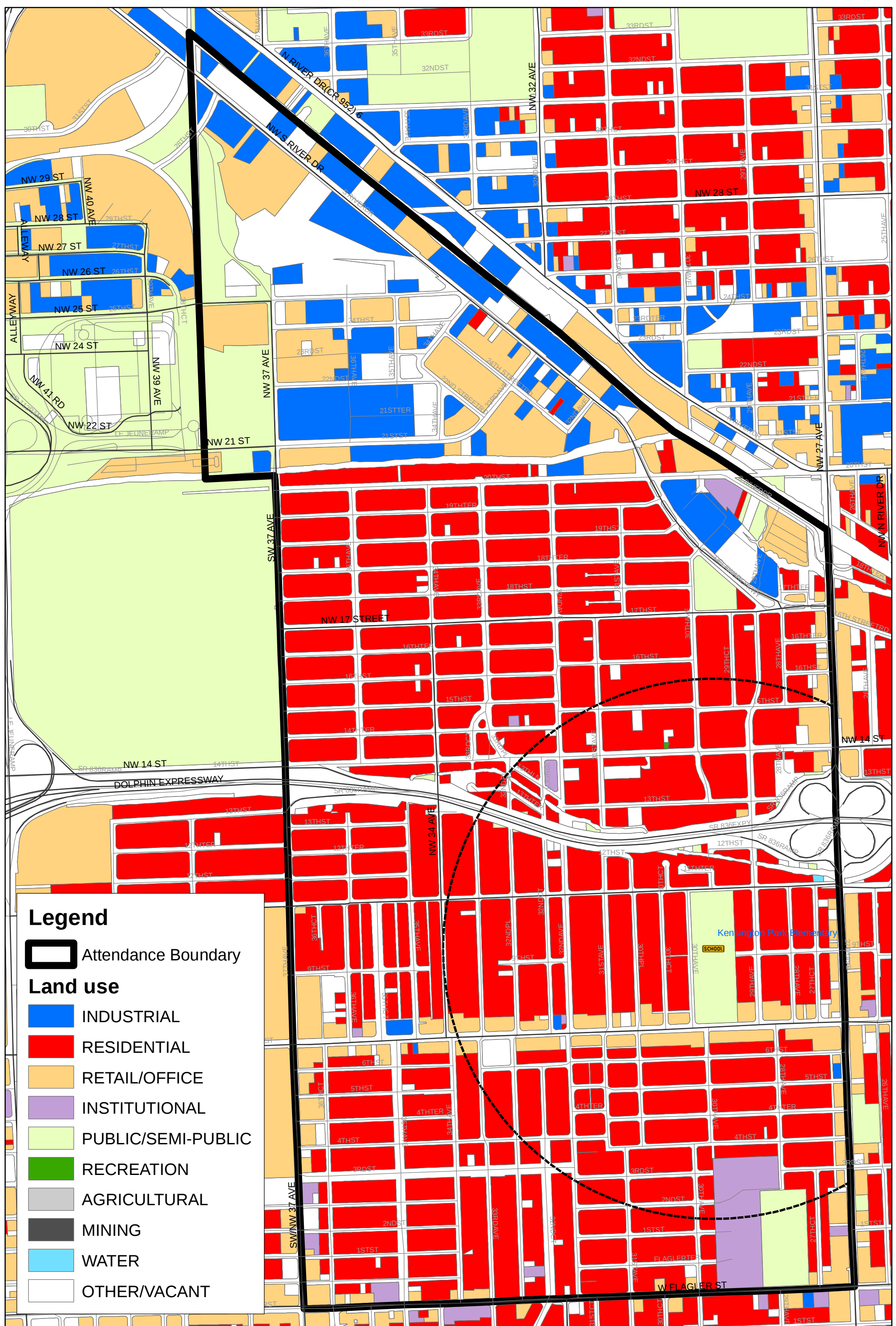


Figure 1 - Existing Conditions 2 Mile Radius
Kensington Park Elementary
711 NW 30th Avenue, Miami, FL



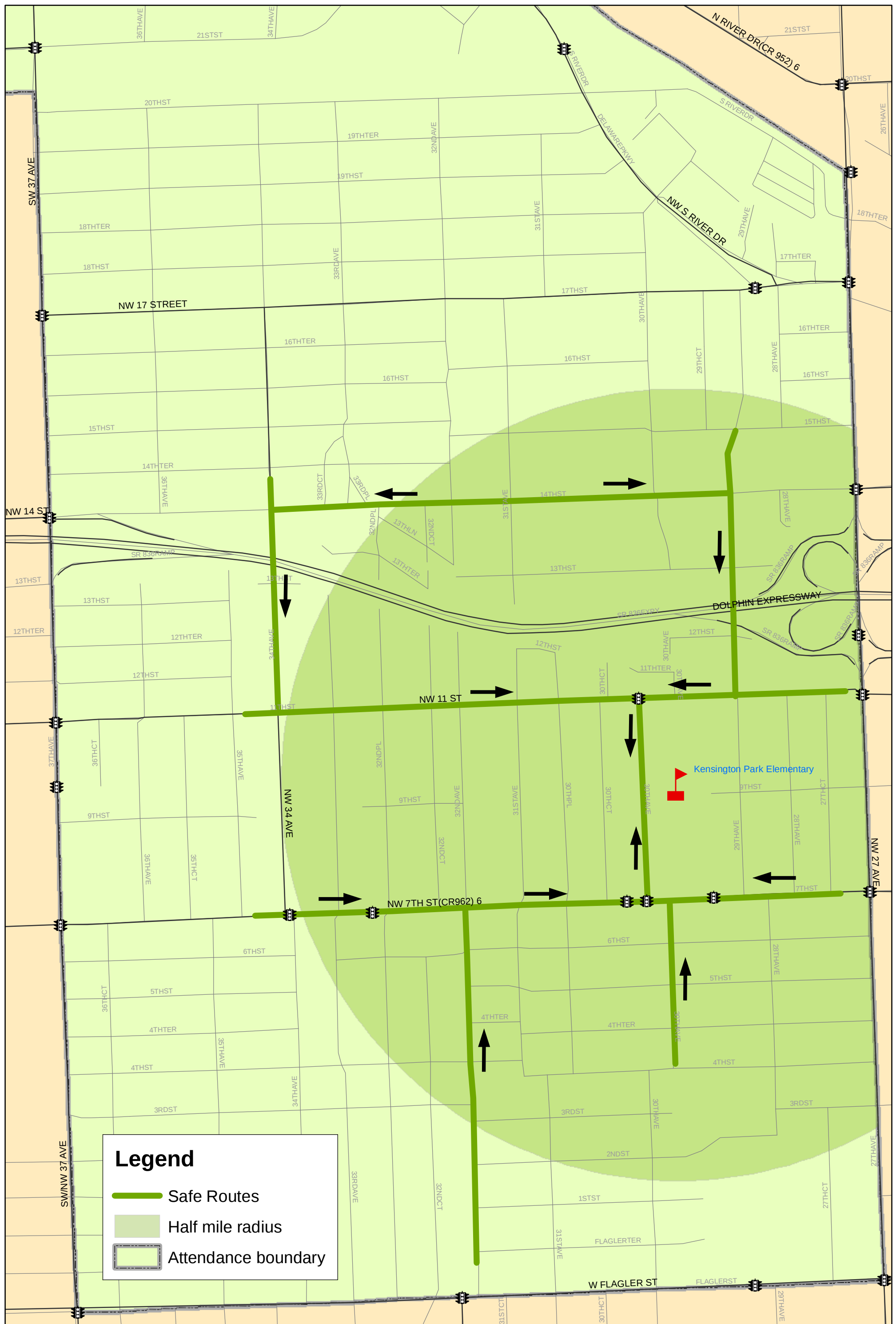
Kensington Park Elementary School

Figure 3. Land Uses



Kensington Park Elementary School

Figure 5. Safe Routes to School Plan



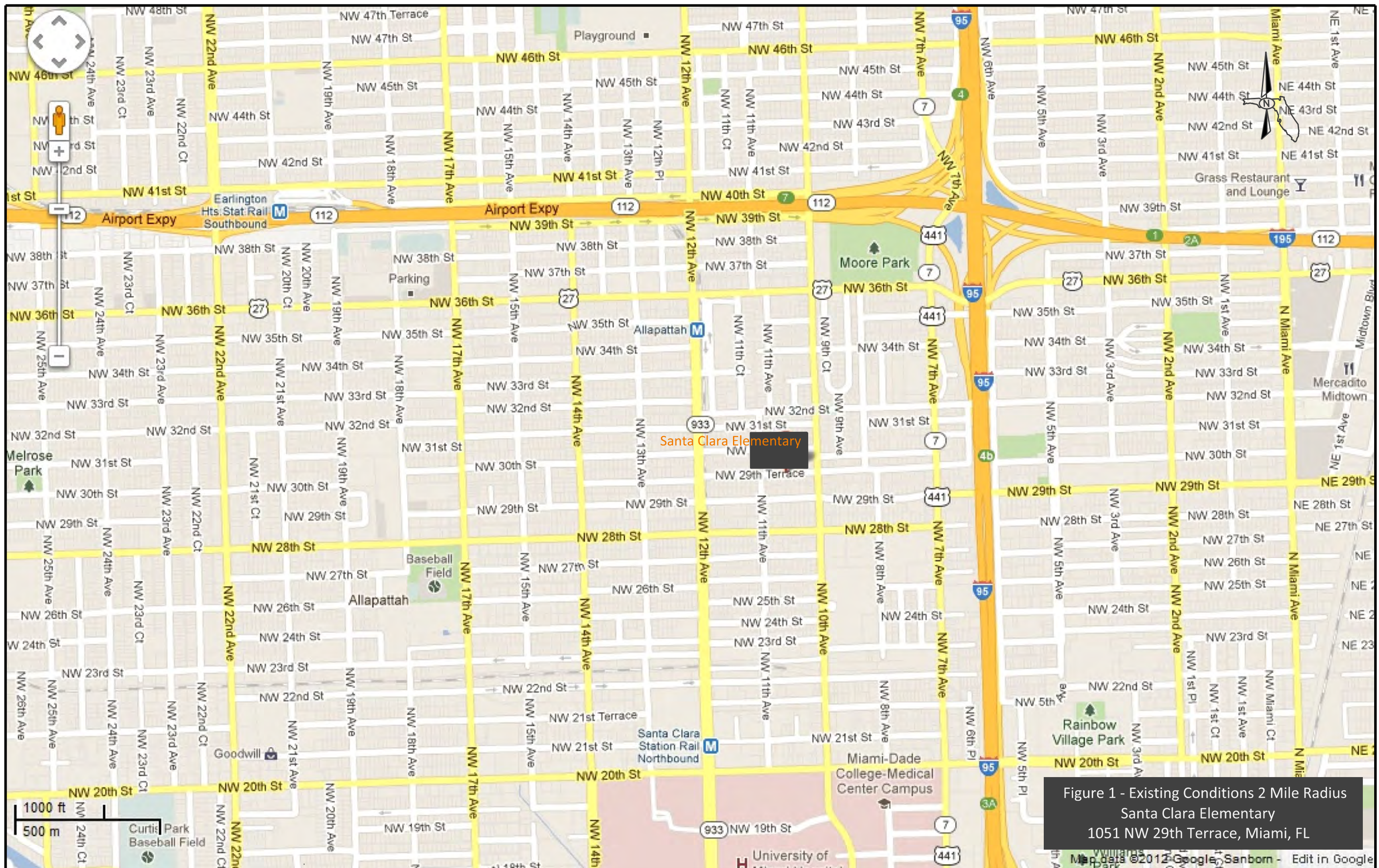
Kensington Park Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NW 29 Avenue (From NW 15 Street to NW 11 Street)	711-11-123	Install crosswalks at NW 15 Street - west and east sides	79	\$3.58	LF	\$282.82
	522-1	Install sidewalk extension/ramps at NW 15 Street - west and east sides	23	\$37.41	SY	\$852.12
	711-17	Remove existing crosswalks at NW 14 Street - north and west sides	85	\$5.00	SF	\$425.00
	711-11-123, 711-11-125	Install high emphasis crosswalks at NW 14 Street - north and west sides	85	\$10.22	LF	\$868.42
	711-11-123	Install crosswalks at NW 13 Street - west side	33	\$3.58	LF	\$118.14
	522-1	Install sidewalk extension/ramps at NW 13 Street - west side	20	\$37.41	SY	\$748.20
	711-11-123	Install crosswalk at NW 12 Street - west side	21	\$3.58	LF	\$75.18
	522-1	Install sidewalks on NW and SW corners at NW 12 Street - west side (includes sidewalk extension/ramps at NW 12 Street - west side)	42	\$37.41	SY	\$1,558.75
	711-17	Remove crosswalks at NW 11 Street - north and south sides	120	\$5.00	SF	\$600.00
	711-11-123	Install crosswalks at NW 11 Street - north, south, and west sides	167	\$3.58	LF	\$597.86
	700-20-11	Install fluorescent yellow green school crossing assembly at NW 11 Street - north, south, and west sides (S1-1, W16-7P)x3	3	\$257.50	AS	\$772.50
	522-1	Install sidewalk extension/ramps at NW 11 Street - north, south, and west sides	35	\$37.41	SY	\$1,309.35
	527-1	Install detectable warning surfaces	16	\$392.88	EA	\$6,286.08
	110 1 1	Clearing and grubbing for the recommended improvements along NW 29 Avenue	0.059	\$20,579.79	AC	\$1,217.96
NW 30 Avenue (From NW 7 Street to NW 4 Terrace)	711-11-123	Install crosswalks at NW 6 Street - west and east sides	89	\$3.58	LF	\$318.62
	522-1	Install sidewalk extension/ramps at NW 6 Street - east side	16	\$37.41	SY	\$602.72
	711-11-123	Install crosswalks at NW 5 Street - west and east sides	68	\$3.58	LF	\$243.44
	522-1	Install sidewalk extension/ramps at NW 5 Street - west and east sides	29	\$37.41	SY	\$1,101.52
	711-11-123	Install crosswalks at NW 4 Terrace - west and east sides	79	\$3.58	LF	\$282.82
	522-1	Install sidewalk extension/ramps at NW 4 Terrace - west and east sides	28	\$37.41	SY	\$1,059.95
	527-1	Install detectable warning surfaces	12	\$392.88	EA	\$4,714.56
	110 1 1	Clearing and grubbing for the recommended improvements along NW 30 Avenue	0.015	\$20,579.79	AC	\$314.18
NW 32 Avenue (From NW 6 Street to NW 1 Street)	711-11-123	Install crosswalks at NW 6 Street - west and east sides	90	\$3.58	LF	\$322.20
	522-1	Install sidewalk extension/ramps at NW 6 Street - east side	26	\$37.41	SY	\$976.82
	711-11-123	Install a crosswalk at NW 5 Street - east side	37	\$3.58	LF	\$132.46
	711-11-123	Install a crosswalk at NW 4 Terrace - east side	52	\$3.58	LF	\$186.16
	522-1	Install sidewalk extension/ramps at NW 4 Terrace - east side	12	\$37.41	SY	\$457.23
	711-11-123	Install crosswalks at NW 4 Street - west and east sides	90	\$3.58	LF	\$322.20
	522-1	Install sidewalk extension/ramps at NW 4 Street - west and east sides	20	\$37.41	SY	\$748.20
	711-11-123	Install crosswalks at NW 3 Street - west and east sides	120	\$3.58	LF	\$429.60
	522-1	Install sidewalk extension/ramps at NW 3 Street - west and east sides	24	\$37.41	SY	\$893.68
	711-11-123	Install a crosswalk at NW 2 Street - east side	34	\$3.58	LF	\$121.72
	711-11-123	Install a crosswalk at NW 1 Street - east side	42	\$3.58	LF	\$150.36
	527-1	Install detectable warning surfaces	20	\$392.88	EA	\$7,857.60
	110 1 1	Clearing and grubbing for the recommended improvements along NW 32 Avenue	0.017	\$20,579.79	AC	\$349.61

Kensington Park Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NW 34 Avenue (From NW 14 Street to NW 7 Street)	711-11-123	Install a crosswalk at NW 14 Street - east side	48	\$3.58	LF	\$171.84
	711-11-123	Install a crosswalk at NW 13 Street - east side	34	\$3.58	LF	\$121.72
	527-1	Retrofit sidewalk extension/ramps at NW 13 Street - east side	2	\$392.88	EA	\$785.76
	711-11-123, 711-11-125	Install high emphasis crosswalks at NW 7 Street - north and south sides	90	\$10.22	LF	\$919.50
	653-192	Install pedestrian countdown signal heads at NW 7 Street - north and south sides	4	\$1,048.73	AS	\$4,194.92
NW 11 Street (From NW 34 Avenue to NW 27 Avenue)	711-11-123	Install crosswalks at NW 33 Avenue - north and south sides	102	\$3.58	LF	\$365.16
	522-1	Install sidewalk extension/ramps at NW 33 Avenue - north and south sides	18	\$37.41	SY	\$665.07
	711-11-123	Install crosswalks at NW 32 Place - north and south sides	80	\$3.58	LF	\$286.40
	522-1	Install sidewalk extension/ramps at NW 32 Place - north and south sides	16	\$37.41	SY	\$581.93
	711-11-123	Install crosswalks at NW 32 Court - north and south sides	97	\$3.58	LF	\$347.26
	522-1	Install sidewalk extension/ramps at NW 32 Court - north and south sides	22	\$37.41	SY	\$810.55
	711-11-123	Install crosswalks at NW 32 Avenue - north and south sides	105	\$3.58	LF	\$375.90
	522-1	Install sidewalk extension/ramps at NW 32 Avenue - north and south sides	28	\$37.41	SY	\$1,039.17
	711-11-123	Install crosswalks at NW 31 Avenue - north and south sides	95	\$3.58	LF	\$340.10
	522-1	Install sidewalk extension/ramps at NW 31 Avenue - north and south sides	9	\$37.41	SY	\$332.53
	522-1	Extend/connect sidewalk at NW 31 Avenue - northeast corner (Includes sidewalk extension/ramp at northeast corner)	17	\$37.41	SY	\$623.50
	711-11-123	Install crosswalks at NW 30 Place - north and south sides	109	\$3.58	LF	\$390.22
	522-1	Install sidewalk extension/ramps at NW 30 Place - north side	11	\$37.41	SY	\$394.88
	N/A	Install solar school zone flashers east of NW 30 Place (facing EB traffic) and east of NW 29 Avenue (facing WB traffic)	2	\$4,000.00	AS	\$8,000.00
	711-11-123	Install crosswalks at NW 30 Court - north and south sides	80	\$3.58	LF	\$286.40
	522-1	Install sidewalk extension/ramps at NW 30 Court - north side	18	\$37.41	SY	\$685.85
	522-1	Extend/connect sidewalk at NW 30 Court - northwest corner	33	\$37.41	SY	\$1,247.00
	711-11-123, 711-11-125	Install a high emphasis crosswalk at NW 30 Avenue - south side	42	\$10.22	LF	\$429.10
	527-1	Install detectable warning surfaces	28	\$392.88	EA	\$11,000.64
	110 1 1	Clearing and grubbing for the recommended improvements along NW 11 Street	0.035	\$20,579.79	AC	\$725.20
NW 30 Avenue	110-4	Concrete removal in front of parking lot exit - west and east sides	22	\$11.80	SY	\$262.22
	522-1	Install curb extensions and ramps to crosswalk in front of parking lot exit - west and east sides	22	\$37.41	SY	\$831.33
NW 7 Street	711-11-123, 711-11-125	Install high emphasis crosswalk at pedestrian crossing signal between NW 32 Court and NW 33 Avenue - mid-block	30	\$10.22	LF	\$306.50
	700-20-11	Install fluorescent yellow green school crossing assembly at pedestrian crossing signal between NW 32 Court and NW 33 Avenue	2	\$257.50	AS	\$515.00
Within school zone	MDC PW	Replace existing school speed zone signs with fluorescent yellow green signs	10	\$150.00	AS	\$1,500.00
Construction Cost						\$75,833.68
Maintenance of Traffic (10%)						\$7,583.37
Mobilization (10%)						\$7,583.37
Sub Total						\$91,000.42
Contingency (15%)						\$13,650.06
Total Construction Cost						\$104,650.48
PE (15%)						\$15,697.57
CEI (15%)						\$15,697.57
Grand Total						\$136,045.62

Santa Clara Elementary



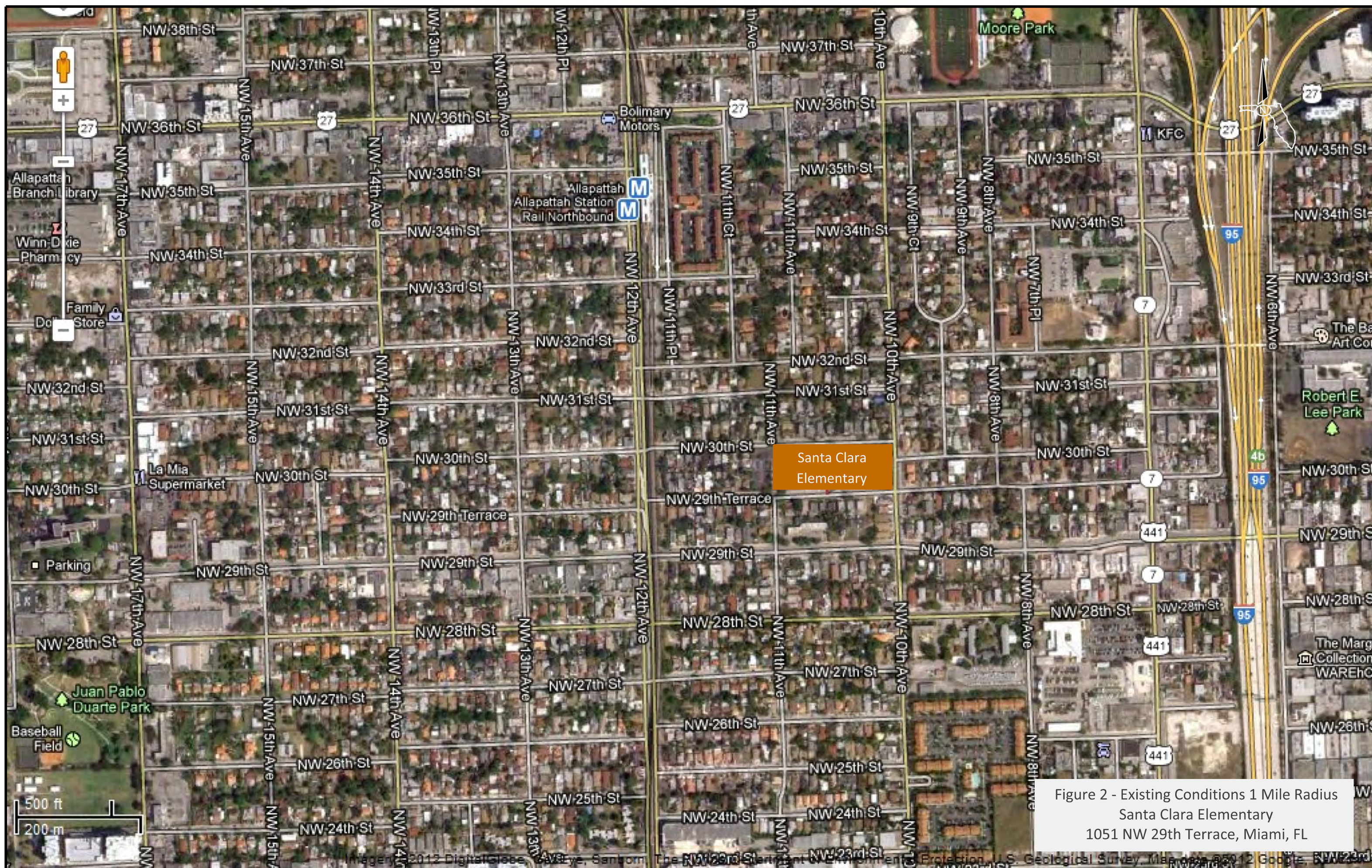


Figure 2 - Existing Conditions 1 Mile Radius
 Santa Clara Elementary
 1051 NW 29th Terrace, Miami, FL

Santa Clara Elementary

Figure 3. Land Uses

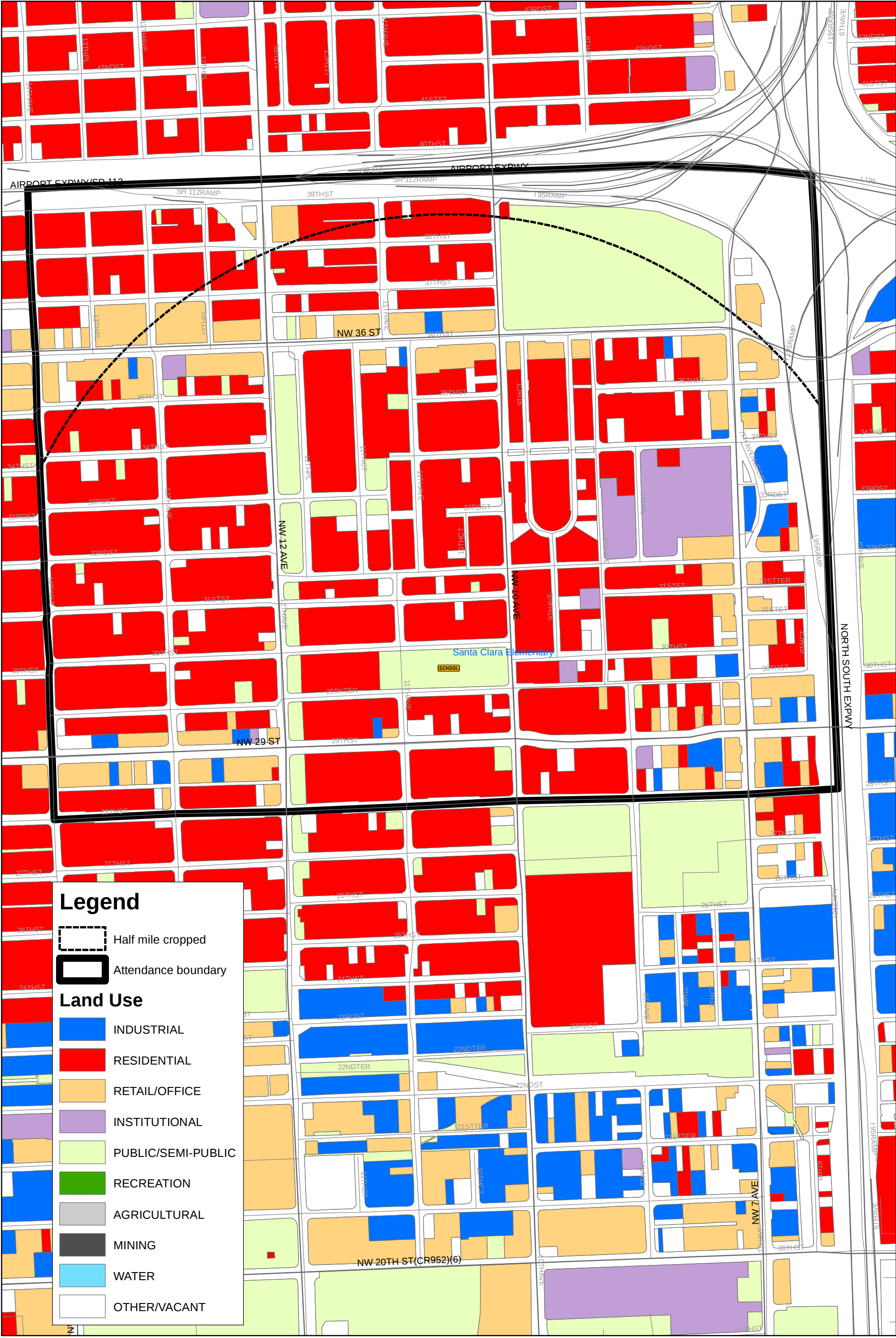
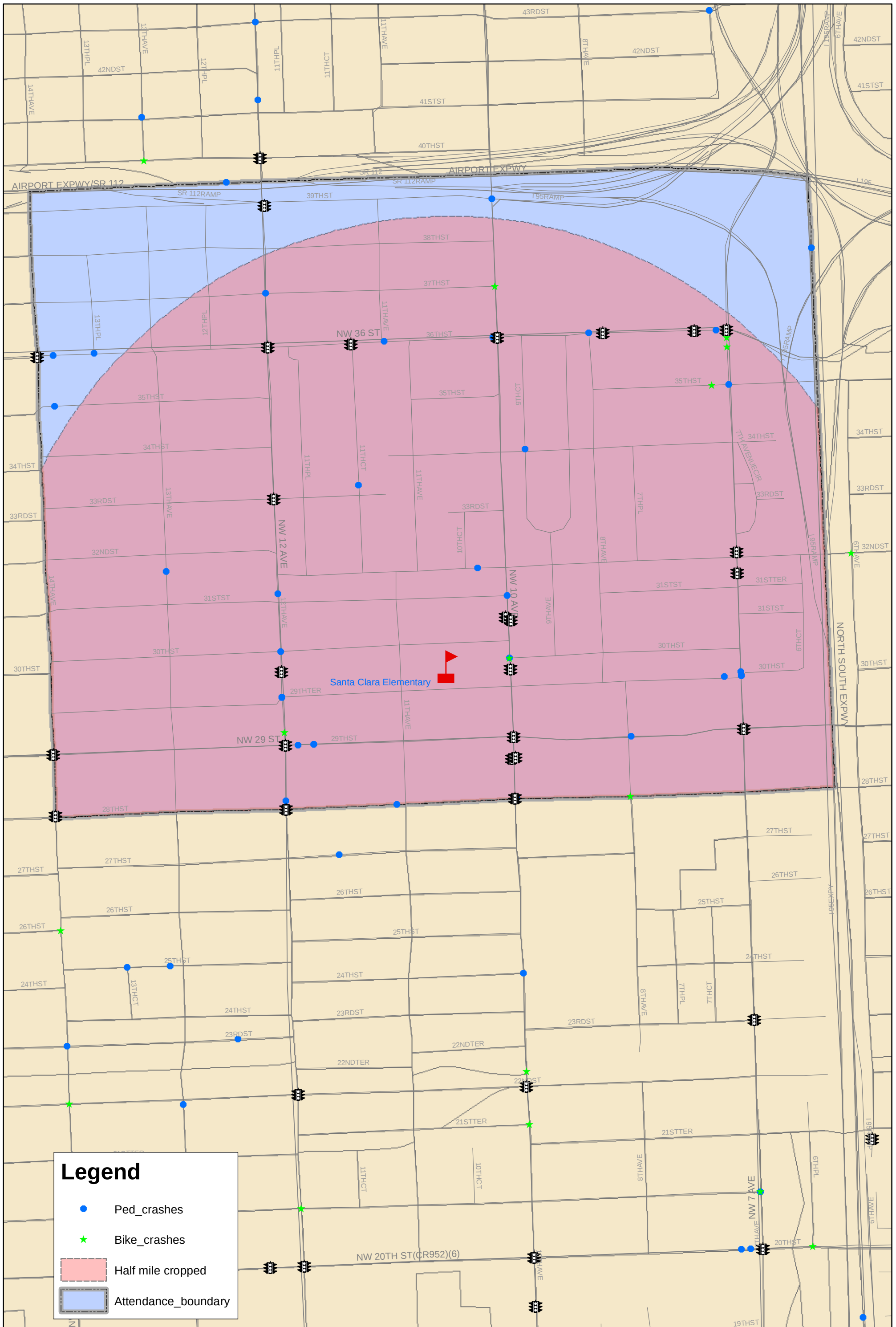
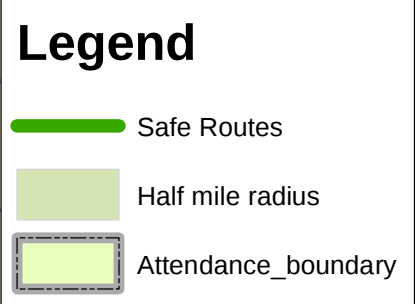


Figure 4. Pedestrian and Bicycle Crashes (2005-2009)



Santa Clara Elementary



Santa Clara Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NW 34 Street (From NW 10 Avenue to NW 8 Avenue)	711-11-123	Install a crosswalk at NW 9 Court - north side	24	\$3.58	LF	\$85.92
	522-1	Install sidewalk extension/ramps at NW 9 Court - north side	17	\$37.41	SY	\$623.50
	711-11-123	Install a crosswalk at NW 9 Avenue - north side	30	\$3.58	LF	\$107.40
	522-1	Install sidewalk extension/ramps at NW 9 Avenue - north side	9	\$37.41	SY	\$332.53
	711-11-123	Install a crosswalk at NW 8 Avenue - north side	28	\$3.58	LF	\$100.24
	522-1	Install sidewalk extension/ramp at NW 8 Avenue - northwest corner	3	\$37.41	SY	\$103.92
	527-1	Install detectable warning surfaces	6	\$392.88	EA	\$2,357.28
	110 1 1	Clearing and grubbing for the recommended improvements along NW 34 Street	0.006	\$20,579.79	AC	\$120.47
NW 30 Street (From NW 11 Avenue to NW 8 Avenue)	711-17	Remove school zone pavement marking facing eastbound approx. 350 feet west of NW 11 Avenue	360	\$2.50	SF	\$900.00
	711-11-125, 711-11-160	Install school zone pavement marking facing eastbound approx. 350 feet west of NW 11 Avenue	1	\$177.86	EA	\$177.86
	711-11-123, 711-11-125	Install high emphasis crosswalks at NW 11 Avenue - north and east sides	70	\$10.22	LF	\$715.17
	522-1	Install sidewalk extension/ramp at NW 11 Avenue to connect east crosswalk - south side	6	\$37.41	SY	\$207.83
	110-4	Concrete removal at NW 11 Avenue - south side	6	\$11.80	SY	\$65.56
	522-1	Install sidewalk at NW 11 Avenue - south side	6	\$37.41	SY	\$207.83
	527-1	Retrofit existing ramps at NW 10 Avenue - east and west sides	2	\$392.88	EA	\$785.76
	711-11-123	Install crosswalk at NW 9 Avenue - north side	28	\$3.58	LF	\$100.24
	527-1	Retrofit existing ramps a NW 9 Avenue - north side	2	\$392.88	EA	\$785.76
	711-11-123	Install crosswalk at NW 8 Avenue - north and south sides	60	\$3.58	LF	\$214.80
	527-1	Retrofit existing ramps at NW 8 Avenue - north and south sides	4	\$392.88	EA	\$1,571.52
	700-20-11	Install fluorescent yellow green school crossing assembly at NW 8 Avenue - north and south sides (S1-1, W16-7P)x2	2	\$257.50	AS	\$515.00
	110 1 1	Clearing and grubbing for the recommended improvements along NW 30 Street	0.001	\$20,579.79	AC	\$23.62
NW 29 Terrace	522-1	Install sidewalk extension/ramps at NW 11 Avenue - north side to connect 2 existing crosswalks	11	\$37.41	SY	\$415.67
	527-1	Retrofit existing ramp at NW 11 Avenue - southeast corner	1	\$392.88	EA	\$392.88
	700-20-11	Install fluorescent yellow green school crossing assembly at NW 11 Avenue facing eastbound traffic - southwest corner (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	110 1 1	Clearing and grubbing for the recommended improvements along NW 29 Terrace	0.002	\$20,579.79	AC	\$47.24
		NOTE: Trim overgrown landscaping blocking school zone sign approx. 270 ft west of NW 10 Avenue - north side in front of school	Maintenance			N/A
NW 13 Avenue (From NW 29 Terrace to NW 34 Street)	711-11-123	Install a crosswalk at NW 29 Terrace - west side	25	\$3.58	LF	\$89.50
	711-11-123	Install a crosswalk at NW 30 Street - north and south sides	85	\$3.58	LF	\$304.30
	522-1	Install sidewalk extension/ramp at NW 30 Street - north and south sides	32	\$37.41	SY	\$1,184.65
	711-11-123	Install a crosswalk at NW 31 Street - west and east sides	83	\$3.58	LF	\$297.14
	522-1	Install sidewalk extension/ramp at NW 31 Street - west and east sides	24	\$37.41	SY	\$914.47
	711-11-123	Install a crosswalk at NW 32 Street - west and east sides	81	\$3.58	LF	\$289.98
	522-1	Install sidewalk extension/ramp at NW 32 Street - west and east sides	26	\$37.41	SY	\$956.03
	711-11-123	Install a crosswalk at NW 33 Street - west and east sides	95	\$3.58	LF	\$340.10
	522-1	Install sidewalk extension/ramp at NW 33 Street - west and east sides	20	\$37.41	SY	\$748.20
	711-11-123	Install a crosswalk at NW 34 Street - west and east sides	62	\$3.58	LF	\$221.96
	527-1	Retrofit existing ramps at NW 34 Street - east side	2	\$392.88	EA	\$785.76
	522-1	Install sidewalk extension/ramp at NW 34 Street - west side	8	\$37.41	SY	\$311.75
	527-1	Install detectable warning surfaces	22	\$392.88	EA	\$8,643.36
	110 1 1	Clearing and grubbing for the recommended improvements along NW 31 Avenue	0.023	\$20,579.79	AC	\$467.72

Santa Clara Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NW 12 Avenue (From NW 29 Terrace to NW 36 Street)	711-11-123	Install a crosswalk at NW 29 Terrace - west side	61	\$3.58	LF	\$218.38
	711-11-123, 711-11-125	Install high emphasis crosswalk south of NW 30 Street	62	\$10.22	LF	\$633.43
	527-1	Retrofit existing ramps at NW 29 Terrace - west side	2	\$392.88	EA	\$785.76
	700-20-11	Install In-Street Pedestrian Crossing sign at NW 30 Street facing southbound - northwest corner (R1-6b)	1	\$257.50	AS	\$257.50
	527-1	Retrofit existing ramps at at NW 36 Street - west and east sides	4	\$392.88	EA	\$1,571.52
	711-11-123, 711-11-125	Install high emphasis crosswalk at NW 36 Street - west and east sides	70	\$10.22	LF	\$715.17
	653-192	Install pedestrian countdown signal heads at NW 36 Street - east and west sides	4	\$1,048.73	AS	\$4,194.92
NW 11 Avenue (From NW 31 Street to NW 35 Street)	711-11-123, 711-11-125	Install high emphasis crosswalks at NW 31 Street - west and east sides	94	\$10.22	LF	\$960.37
	700-20-11	Install fluorescent yellow green school crossing assembly at NW 31 Street - west and east sides (S1-1, W16-7P)x2	2	\$257.50	AS	\$515.00
	700-20-11	Install fluorescent yellow green school advance crossing assembly on approach to NW 31 Street - west and east sides (S1-1, W16-9P)	2	\$257.50	AS	\$515.00
	522-1	Install sidewalk extension/ramp at NW 31 Street - west and east sides	31	\$37.41	SY	\$1,143.08
	522-1	Extend sidewalk on south side of NW 32 Street - in front of house # 1070	49	\$37.41	SY	\$1,849.72
	711-11-123	Install new crosswalk across NW 32 Street on the west side - in front of house # 1070	35	\$3.58	LF	\$125.30
	700-20-11	Install fluorescent yellow green school crossing assembly - in front of house # 1070 (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	522-1	Install sidewalk extension/ramp at NW 32 Street - to connect crosswalk at northwest corner	3	\$37.41	SY	\$103.92
	711-11-123	Install crosswalks at NW 34 Street - west and east sides	77	\$3.58	LF	\$275.66
	522-1	Install sidewalk extension/ramp at NW 34 Street - west and east sides	26	\$37.41	SY	\$956.03
	711-11-123	Install crosswalks at NW 35 Street - east side	38	\$3.58	LF	\$136.04
	522-1	Install sidewalk extension/ramp at NW 35 Street - east side	13	\$37.41	SY	\$478.02
	527-1	Install detectable warning surfaces along NE 11 Avenue between NW 31 and 35 Streets	14	\$392.88	EA	\$5,500.32
	110 1 1	Clearing and grubbing for the recommended improvements along NW 11 Avenue	0.025	\$20,579.79	AC	\$514.97
		NOTE: Trim overgrown landscaping blocking school zone sign at NW 31 Street - southwest corner	Maintenance			N/A
NW 10 Avenue (From NW 29 Street to NW 36 Street)	700-20-11	Install fluorescent yellow green school crossing assembly at NW 29 Street - west and east sides (S1-1, W16-7P)	2	\$257.50	AS	\$515.00
	527-1	Retrofit existing ramps between NW 30 Street & NW 29 Terrace - mid-block	2	\$392.88	EA	\$785.76
	711-11-123, 711-11-125	Install high emphasis crosswalk for signalized pedestrian crossing between NW 30 Street & NW 29 Terrace - mid-block	35	\$10.22	LF	\$357.58
	527-1	Retrofit existing ramps between NW 29 Terrace and NW 30 Street - east and west sides	2	\$392.88	EA	\$785.76
	522-1	Install sidewalk extension/ramps at NW 31 Street - west side	6	\$37.41	SY	\$207.83
	522-1	Install sidewalk extension/ramp at NW 32 Street - west and east sides	12	\$37.41	SY	\$457.23
	522-1	Install sidewalk extension/ramp at NW 33 Street - west side	8	\$37.41	SY	\$290.97
	522-1	Install sidewalk extension/ramp at NW 34 Street - east and west sides	37	\$37.41	SY	\$1,371.70
	522-1	Extend sidewalk at NW 34 Street - southeast corner	17	\$37.41	SY	\$623.50
	522-1	Install sidewalk extension/ramp at NW 35 Street - west side	8	\$37.41	SY	\$311.75
	110 1 1	Clearing and grubbing for the recommended improvements along NW 10 Avenue	0.018	\$20,579.79	AC	\$370.87
	711-11-123, 711-11-125	Install high emphasis crosswalk at NW 36 Street - west and east sides	70	\$10.22	LF	\$715.17
	527-1	Install detectable warning surfaces	22	\$392.88	EA	\$8,643.36
		NOTE: Trim overgrown landscaping at NW 32 Street - southwest corner	Maintenance			N/A
Within school zone	MDC PW	Replace existing school speed zone signs with fluorescent yellow green signs	10	\$150.00	AS	\$1,500.00
Construction Cost						\$65,414.51
Maintenance of Traffic (10%)						\$6,541.45
Mobilization (10%)						\$6,541.45
Sub Total						\$78,497.41
Contingency (15%)						\$11,774.61
Total Construction Cost						\$90,272.02
PE (15%)						\$13,540.80
CEI (15%)						\$13,540.80
Grand Total						\$117,353.63

Linda Lentin K-8 Center

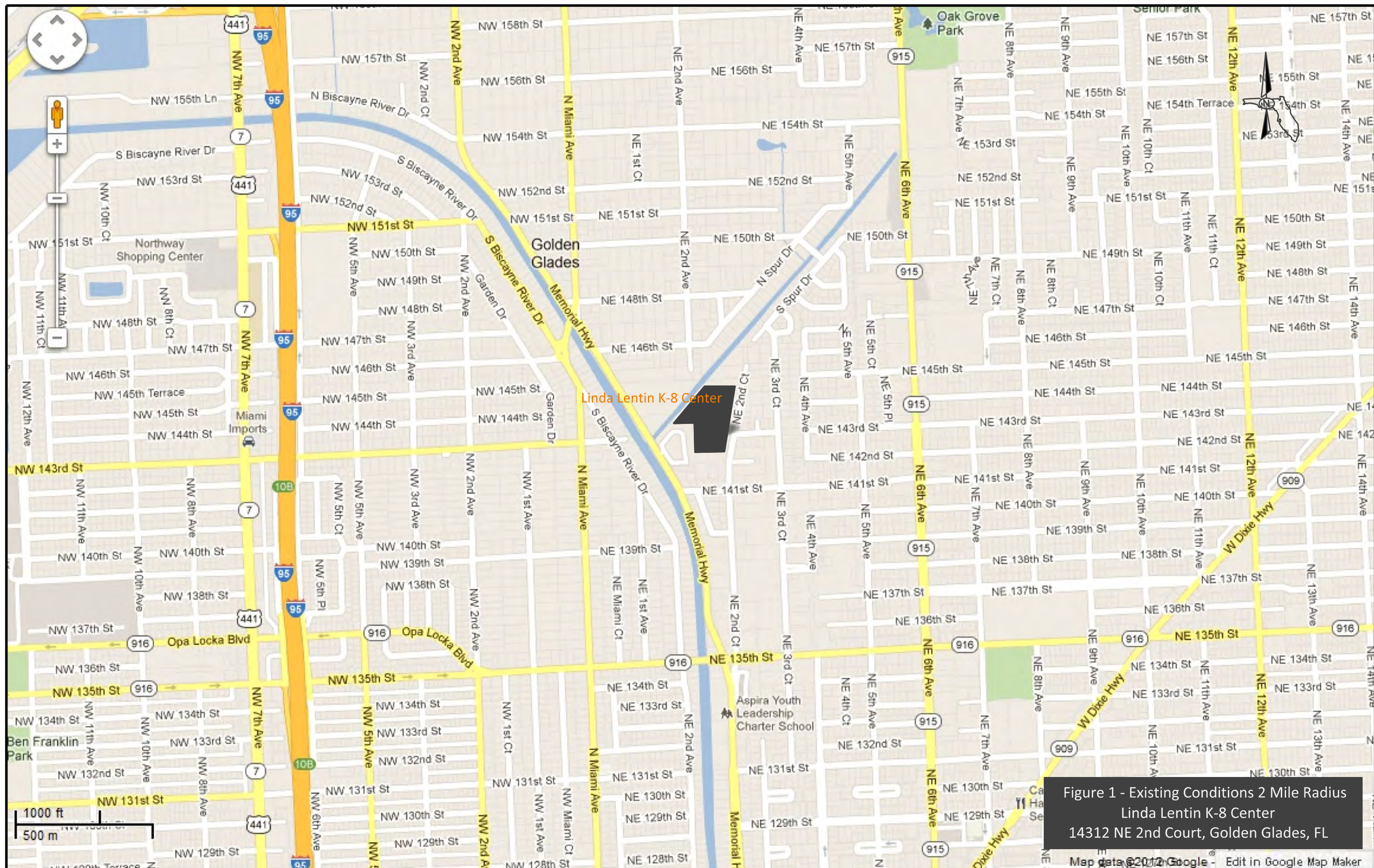


Figure 1 - Existing Conditions 2 Mile Radius
Linda Lentin K-8 Center
14312 NE 2nd Court, Golden Glades, FL

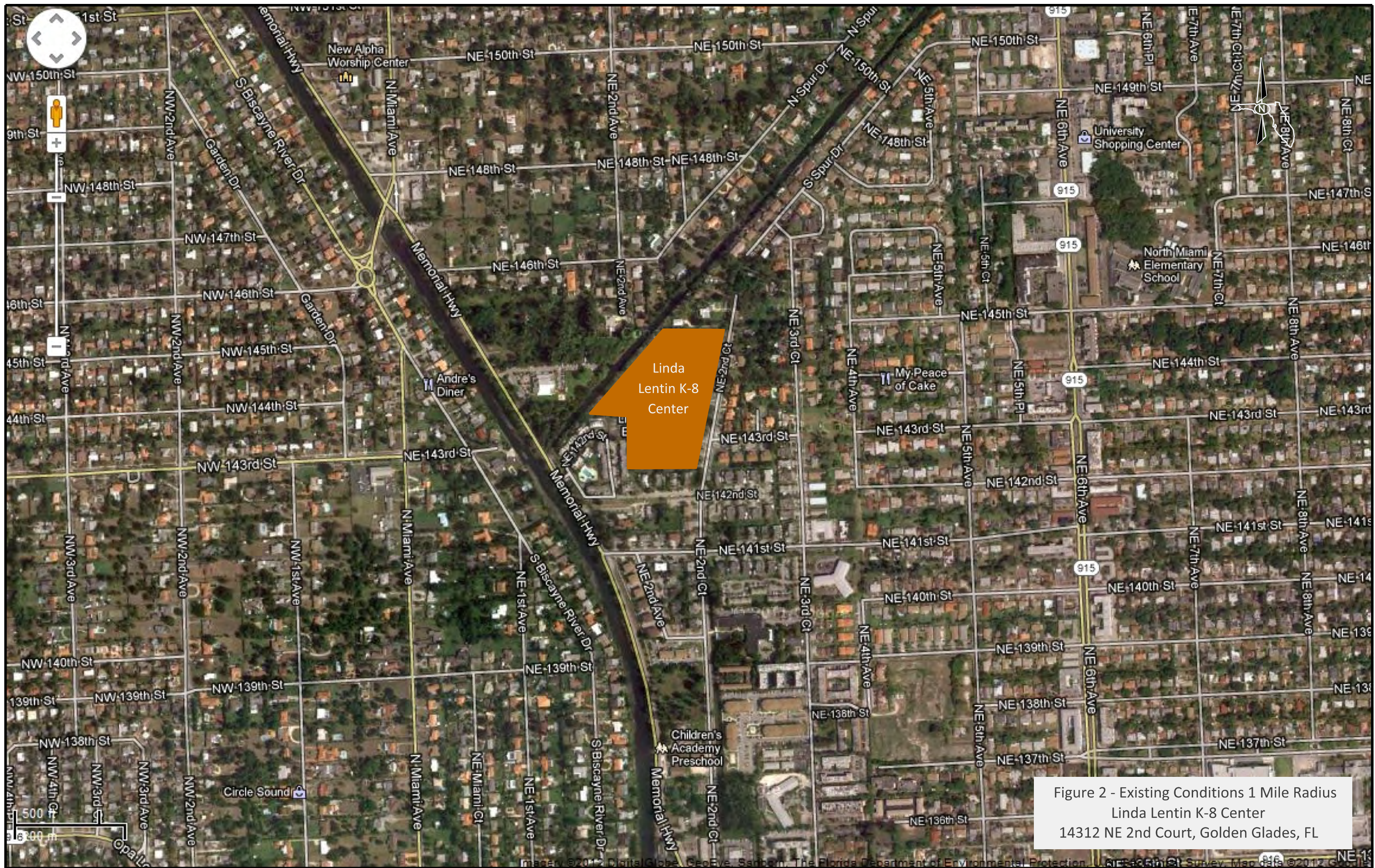
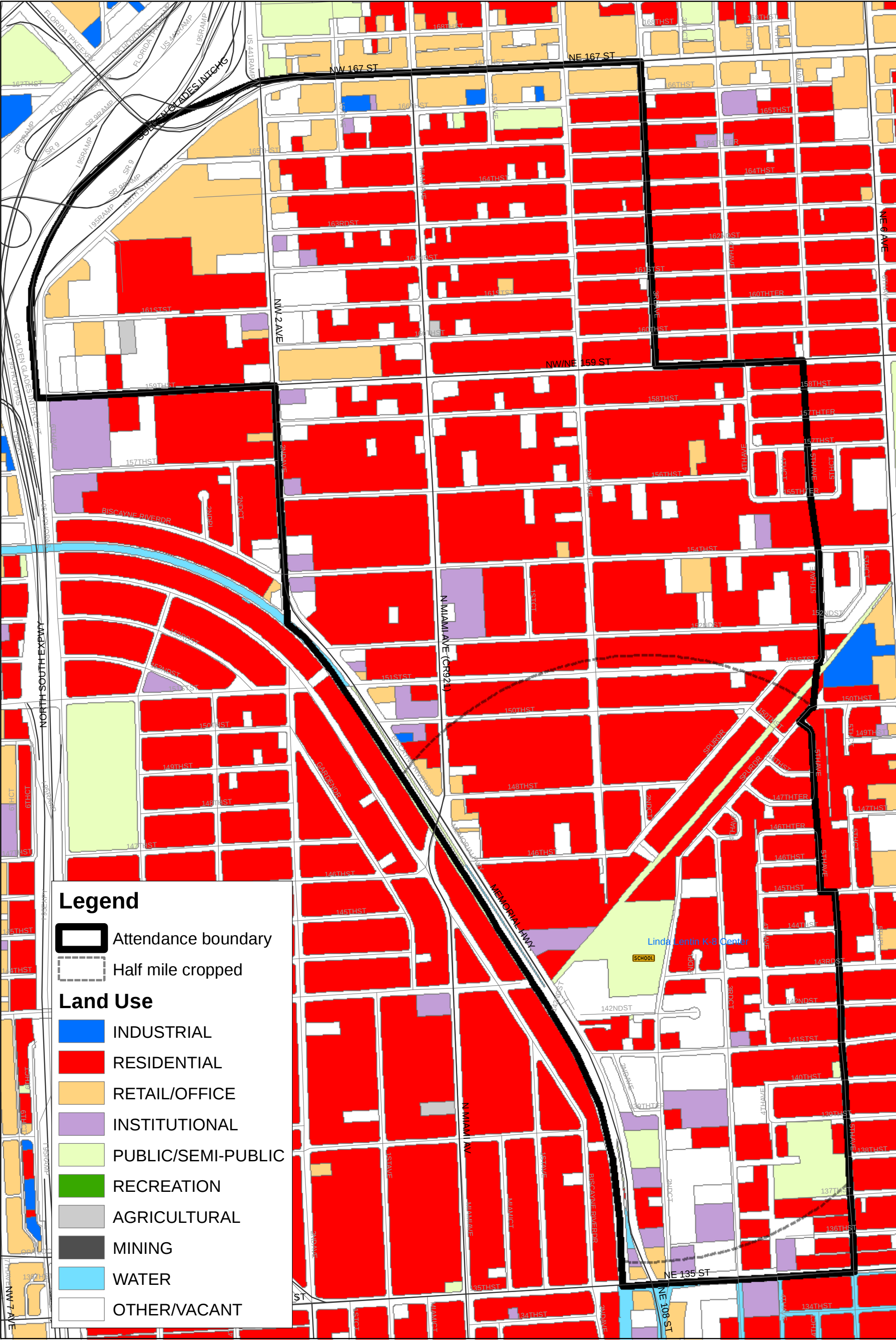


Figure 2 - Existing Conditions 1 Mile Radius
 Linda Lentin K-8 Center
 14312 NE 2nd Court, Golden Glades, FL

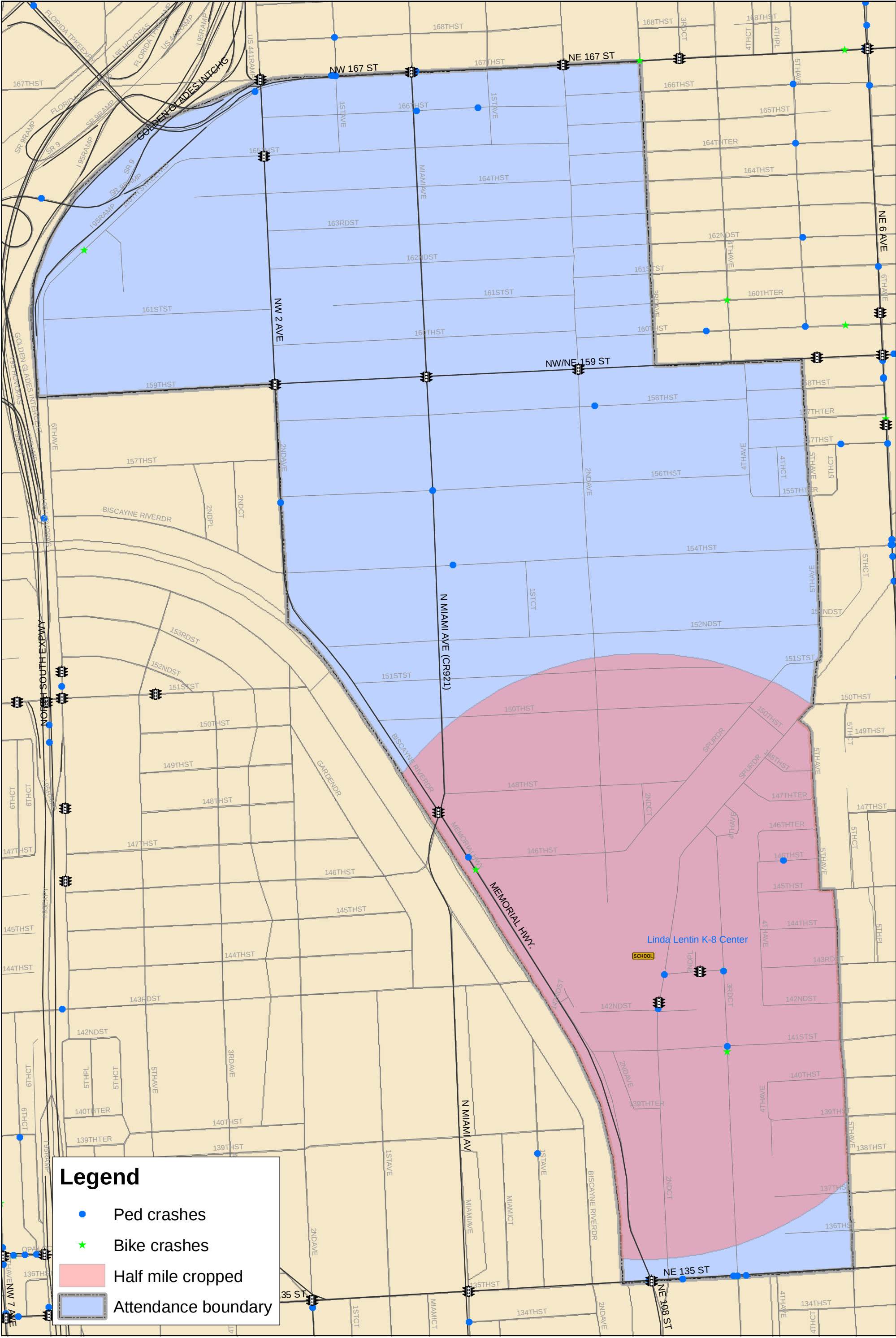
Linda Lentin K-8 Center

Figure 3. Land Uses



Linda Lentin K-8 Center

Figure 4. Pedestrian and Bicycle Crashes (2005-2009)



Linda Lentin K-8 Center

Figure 5. Safe Routes to School Plan



Linda Lentin K-8 Center
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NE 150 Street (From S. Spur Drive to N. Miami Avenue)	522-1	Install sidewalk between S. Spur Drive and N. Spur Drive on the shoulder of bridge - north side	144	\$37.41	SY	\$5,403.67
	520-1-10	Install Type F curb between S. Spur Drive and N. Spur Drive on the shoulder of bridge - north side	260	\$18.07	LF	\$4,698.20
	536-73	Remove existing guardrail between S. Spur Drive and N. Spur Drive on the shoulder of bridge - north side	40	\$0.98	LF	\$39.20
	536-1-2	Install new guardrail between S. Spur Drive and N. Spur Drive on the shoulder of bridge - north side	40	\$23.04	LF	\$921.60
	711-11-123	Install crosswalk at S. Spur Drive - north/east side	30	\$3.58	LF	\$107.40
	700-20-11	Install fluorescent yellow green school crossing assembly at S. Spur Drive - north/east side (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	711-11-123	Install crosswalk at N. Spur Drive north/east side	46	\$3.58	LF	\$164.68
	700-20-11	Install fluorescent yellow green school crossing assembly at N. Spur Drive north/east side (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	522-2	Install sidewalk between N. Spur Drive and NE 2 Avenue - north side (includes sidewalk extension/ramp at NE 2 Avenue - northeast corner)	750	\$38.99	SY	\$29,242.50
	522-2	Install sidewalk between NE 2 Avenue and N. Miami Avenue - north side (includes sidewalk extension/ramp at NE 2 Avenue - northwest corner)	722	\$38.99	SY	\$28,159.44
	711-11-123	Install crosswalk at NE 2 Avenue - north side	50	\$3.58	LF	\$179.00
	527-1	Install detectable warning surfaces	6	\$392.88	EA	\$2,357.28
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 2 Avenue - north side (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	110 1 1	Clearing and grubbing for the recommended improvements along NE 150 Street	0.334	\$20,579.79	AC	\$6,874.07
S. Spur Drive (From NE 148 Street to NE 147 Terrace)	711-11-123	Install crosswalk at NE 148 Street - south side	40	\$3.58	LF	\$143.20
	527-1	Retrofit existing ramp at NE 148 Street - south side	2	\$392.88	EA	\$785.76
	711-11-123	Install crosswalk NE 147 Terrace - south side	40	\$3.58	LF	\$143.20
	527-1	Retrofit existing ramp at NE 147 Terrace - south side	2	\$392.88	EA	\$785.76
NE 4 Avenue	522-1	Extend/connect sidewalk at NE 143 Street - west side	44	\$37.41	SY	\$1,662.67
	110 1 1	Clearing and grubbing for the recommended improvements along NE 4 Avenue	0.009	\$20,579.79	AC	\$188.98
NE 143 Street (From NE 4 Avenue to NE 2 Place)	711-11-123	Install crosswalk at NE 4 Avenue - north and south sides	26	\$3.58	LF	\$91.49
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 4 Avenue - north and south sides (S1-1, W16-7P)x2	2	\$257.50	AS	\$515.00
	522-1	Install sidewalk extension/ramp at NE 4 Avenue - north and south sides	32	\$37.41	SY	\$1,205.43
	711-11-123	Install crosswalks at NE 3 Court - north and south side	52	\$3.58	LF	\$186.16
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 3 Court - north and south side (S1-1, W16-7P)x2	2	\$257.50	AS	\$515.00
	522-1	Install sidewalk extension/ramps at NE 3 Court - north and south side	30	\$37.41	SY	\$1,122.30
	711-11-123	Install crosswalk at NE 2 Place - north side	33	\$3.58	LF	\$118.14
	522-1	Install sidewalk extension/ramps at NE 2 Place - north side	17	\$37.41	SY	\$644.28
	527-1	Install detectable warning surfaces	10	\$392.88	EA	\$3,928.80
NE 141 Street	110 1 1	Clearing and grubbing for the recommended improvements along NE 143 Street	0.016	\$20,579.79	AC	\$337.80
	711-11-123	Install crosswalks at NE 3 Court - north and east sides	83	\$3.58	LF	\$297.14
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 3 Court - north and east sides (S1-1, W16-7P)x2	2	\$257.50	AS	\$515.00
	527-1	Retrofit existing ramp at NE 3 Court - northwest corner	1	\$392.88	EA	\$392.88
	522-1	Install sidewalk extension/ramps at NE 3 Court - north and east sides	9	\$37.41	SY	\$332.53
Within school zone	110 1 1	Clearing and grubbing for the recommended improvements along NE 143 Street	0.002	\$20,579.79	AC	\$37.80
	MDC PW	Replace existing school speed zone signs with fluorescent yellow green signs	10	\$150.00	AS	\$1,500.00
Construction Cost						\$94,368.86
Maintenance of Traffic (10%)						\$9,436.89
Mobilization (10%)						\$9,436.89
Sub Total						\$113,242.64
Contingency (15%)						\$16,986.40
Total Construction Cost						\$130,229.03
PE (15%)						\$19,534.35
CEI (15%)						\$19,534.35
Grand Total						\$169,297.74

Phillis Wheatley Elementary

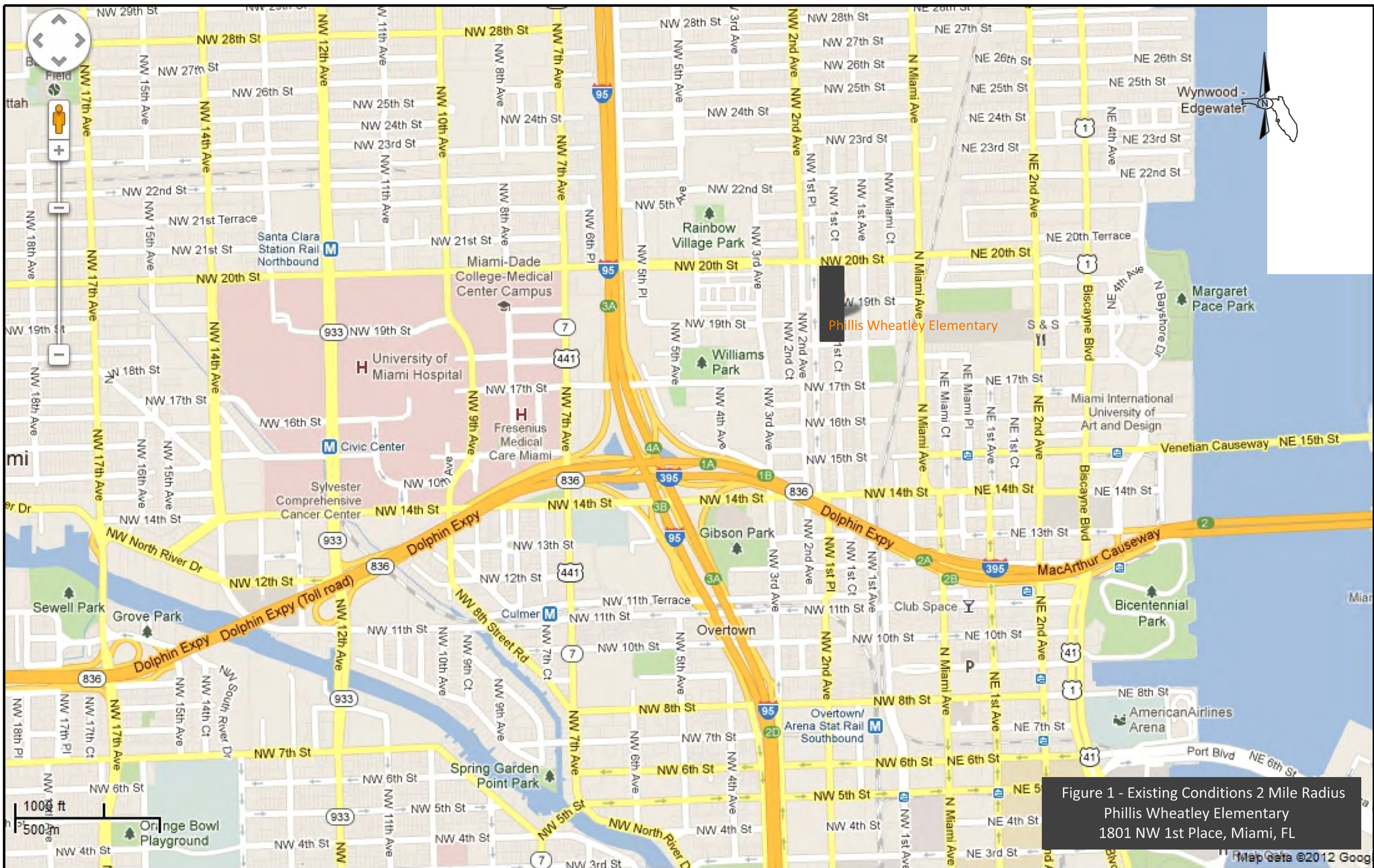
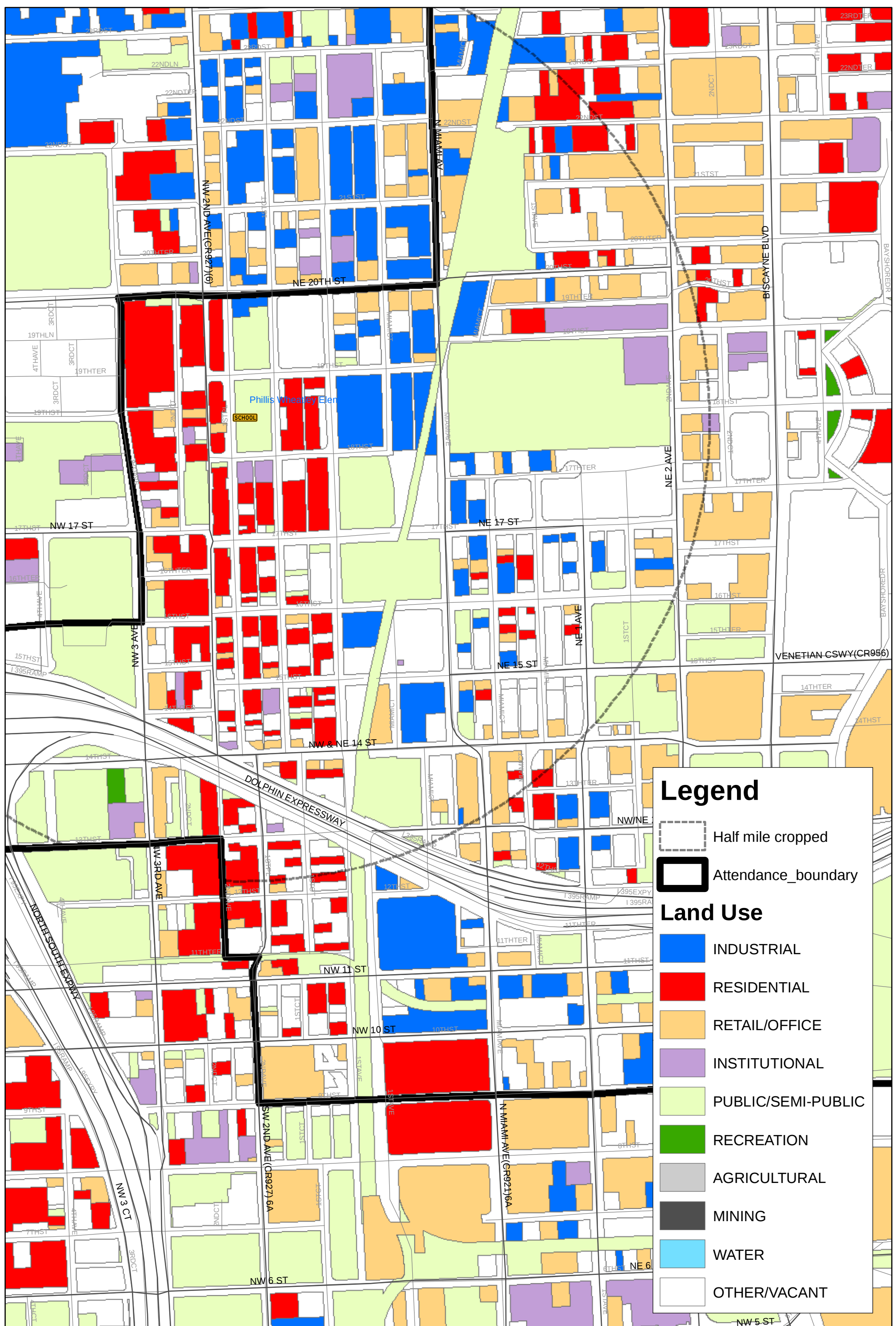


Figure 1 - Existing Conditions 2 Mile Radius
Phillis Wheatley Elementary
1801 NW 1st Place, Miami, FL



Phillis Wheatley Elementary

Figure 3. Land Uses



Phillis Wheatley Elementary



Phillis Wheatley Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NW 1 Place (From NW 15 Street to NW 19 Street)	711-11-123	Install a crosswalk at NW 15 Street - east side	47	\$3.58	LF	\$168.26
	110-4	Concrete removal at NW 15 Street - northeast and southeast corners	11	\$11.80	SY	\$131.11
	522-1	Install sidewalk extension/ramps at NW 15 Street - east side	11	\$37.41	SY	\$415.67
	522-1	Extend/connect sidewalk between NW 15 Street and NW 16 Street- east side (2 sections)	111	\$37.41	SY	\$4,156.67
	711-11-123	Install a crosswalk at NW 16 Street - east side	36	\$3.58	LF	\$128.88
	110-4	Concrete removal at NW 16 Street - southeast corner	6	\$11.80	SY	\$65.56
	522-1	Install sidewalk extension/ramps at NW 16 Street - southeast corner	6	\$37.41	SY	\$207.83
	522-1	Extend/connect sidewalk between NW 16 Street and NW 17 Street- east side (2 sections)	33	\$37.41	SY	\$1,247.00
	711-11-123	Install a crosswalk at NW 17 Street - east side	36	\$3.58	LF	\$128.88
	110-4	Concrete removal at NW 17 Street - northeast and southeast corner	14	\$11.80	SY	\$163.89
	522-1	Install sidewalk extension/ramps at NW 17 Street - east side	14	\$37.41	SY	\$519.58
	522-1	Extend/connect sidewalk between NW 17 Street and NW 18 Street- east side	106	\$37.41	SY	\$3,948.83
	120-6	Fill approx. 15'x5'x5' hole along sidewalk between NW 17 Street and NW 18 Street- east side	14	\$10.77	CY	\$149.58
	711-17	Remove high emphasis crosswalk at NW 18 Street - west and east sides	720	\$5.00	SF	\$3,600.00
	711-11-123, 711-11-125	Install high emphasis crosswalk at NW 18 Street - west and east sides	72	\$10.22	LF	\$735.60
	110-4	Concrete removal at NW 18 Street - northeast, southeast, northwest and southwest corners	28	\$11.80	SY	\$327.78
	522-1	Install sidewalk extension/ramps at NW 18 Street - west and east sides	28	\$37.41	SY	\$1,039.17
	522-1	Extend/connect sidewalk at NW 18 Street - southwest corner	17	\$37.41	SY	\$623.50
	110-4	Remove Type F curb at signalized crosswalk in front of school - west side	0.28	\$11.80	SY	\$3.28
	522-1	Install sidewalk extension/ramp at signalized crosswalk in front of school - west side	6	\$37.41	SY	\$207.83
	700-20-11	Install signs to prohibit parking during school arrival and dismissal periods within 20 feet of the crosswalk in front of school (R8-3, R10-20aP)	1	\$257.50	AS	\$257.50
	110-4	Concrete removal at NW 19 Street - southwest corner	6	\$11.80	SY	\$65.56
	522-1	Install sidewalk extension/ramp at NW 19 Street - southwest corner	6	\$37.41	SY	\$207.83
	522-1	Extend/connect sidewalk between NW 18 Street and NW 19 Street- west side (2 sections)	67	\$37.41	SY	\$2,494.00
	527-1	Install detectable warning surfaces	12	\$392.88	EA	\$4,714.56
	110 1 1	Clearing and grubbing for the recommended improvements along NW 1 Place	0.070	\$20,579.79	AC	\$1,440.96
NW 1 Court (From NW 15 Street to NW 20 Street)	711-11-123	Install crosswalks at NW 15 Street - west and east side	70	\$3.58	LF	\$250.60
	110-4	Concrete removal at NW 15 Street - northwest, southwest, northeast and southeast corners	33	\$11.80	SY	\$393.33
	522-1	Install sidewalk extension/ramps at NW 15 Street - west and east sides	33	\$37.41	SY	\$1,247.00
	711-11-123	Install crosswalks at NW 16 Street - west and east side	74	\$3.58	LF	\$264.92
	110-4	Concrete removal at NW 16 Street - southwest, northeast and southeast corners	25	\$11.80	SY	\$295.00
	522-1	Install sidewalk extension/ramps at NW 16 Street - west and east sides	25	\$37.41	SY	\$935.25
	711-11-123	Install crosswalks at NW 17 Street - west and east side	75	\$3.58	LF	\$268.50
	700-20-11	Install fluorescent yellow green school crossing assembly at NW 17 Street - west and east sides (S1-1, W16-7P)x2	2	\$257.50	AS	\$515.00
	110-4	Concrete removal at NW 17 Street - northwest, southwest and southeast corners	25	\$11.80	SY	\$295.00
	522-1	Install sidewalk extension/ramps at NW 17 Street - west and east sides	25	\$37.41	SY	\$935.25
	110-4	Concrete removal at NW 19 Street - southwest corner	6	\$11.80	SY	\$65.56
	522-1	Install a sidewalk extension/ramp at NW 19 Street to connect crosswalk- southwest corner	6	\$37.41	SY	\$207.83
	527-1	Install detectable warning surfaces	12	\$392.88	EA	\$4,714.56
	N/A	Install speed feedback signs between NW 19 Street and NW 17 Street	2	\$5,000.00	AS	\$10,000.00
	N/A	Install solar school zone flashers south of NW 20 Street facing SB traffic and north of NW 17 Street facing NB traffic	2	\$4,000.00	AS	\$8,000.00
		NOTE: Trim overgrown landscaping blocking school zone sign approx. 120 ft south of NW 19 Street - west side	Maintenance			N/A
		Water meter steel caps missing along sidewalk between NW 17 Street and NW 16 Street - east side (2x)				

Phillis Wheatley Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NW 2 Avenue (From NW 14 Street to NW 19 Street)	711-11-123	Install crosswalk at NW 14 Terrace - west side	30	\$3.58	LF	\$107.40
	110-4	Concrete removal at NW 15 Street - southwest corner	8	\$11.80	SY	\$98.33
	522-1	Install sidewalk extension/ramps at NW 15 Street - southwest corner	8	\$37.41	SY	\$311.75
	711-11-123	Install crosswalk at NW 15 Street - west side	37	\$3.58	LF	\$132.46
	711-11-123	Install crosswalk at NW 16 Street - west side	37	\$3.58	LF	\$132.46
	110-4	Concrete removal at NW 16 Street - northwest and southwest corners	17	\$11.80	SY	\$196.67
	522-1	Install sidewalk extension/ramp at NW 16 Street - west side	17	\$37.41	SY	\$623.50
	711-11-123	Install crosswalk at NW 16 Terrace - west side	40	\$3.58	LF	\$143.20
	110-4	Concrete removal at NW 16 Terrace - northwest and southwest corners	17	\$11.80	SY	\$196.67
	522-1	Install sidewalk extension/ramp at NW 16 Terrace - west side	17	\$37.41	SY	\$623.50
	711-11-123	Install crosswalk at NW 17 Street - west side	53	\$3.58	LF	\$189.74
	700-20-11	Install fluorescent yellow green school crossing assembly at NW 17 Street - west side (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	110-4	Concrete removal at NW 17 Street - southwest corner	8	\$11.80	SY	\$98.33
	522-1	Install sidewalk extension/ramp at NW 17 Street - southwest corner	8	\$37.41	SY	\$311.75
	522-2	Extend/connect sidewalk between NW 18 Street and NW 19 Street- east side (2 sections)	67	\$38.99	SY	\$2,599.33
	700-20-11	Install fluorescent yellow green school crossing assembly at NW 18 Street - north side (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	711-11-123	Install crosswalk at NW 18 Street - north side	27	\$3.58	LF	\$96.66
	110-4	Concrete removal at NW 18 Street - northeast corner (across newly proposed crosswalk)	6	\$11.80	SY	\$65.56
	522-2	Install access ramp to the above mentioned crosswalk at NW 18 Street - north side	11	\$38.99	SY	\$433.22
	527-1	Install detectable warning surfaces	12	\$392.88	EA	\$4,714.56
	110 1 1	Clearing and grubbing for the recommended improvements along NW 2 Avenue	0.015	\$20,579.79	AC	\$307.09
Within school zone	MDC PW	Replace existing school speed zone signs with fluorescent yellow green signs	10	\$150.00	AS	\$1,500.00
Construction Cost						\$68,934.29
Maintenance of Traffic (10%)						\$6,893.43
Mobilization (10%)						\$6,893.43
Sub Total						\$82,721.14
Contingency (15%)						\$12,408.17
Total Construction Cost						\$95,129.32
PE (15%)						\$14,269.40
CEI (15%)						\$14,269.40
Grand Total						\$123,668.11

North Hialeah Elementary

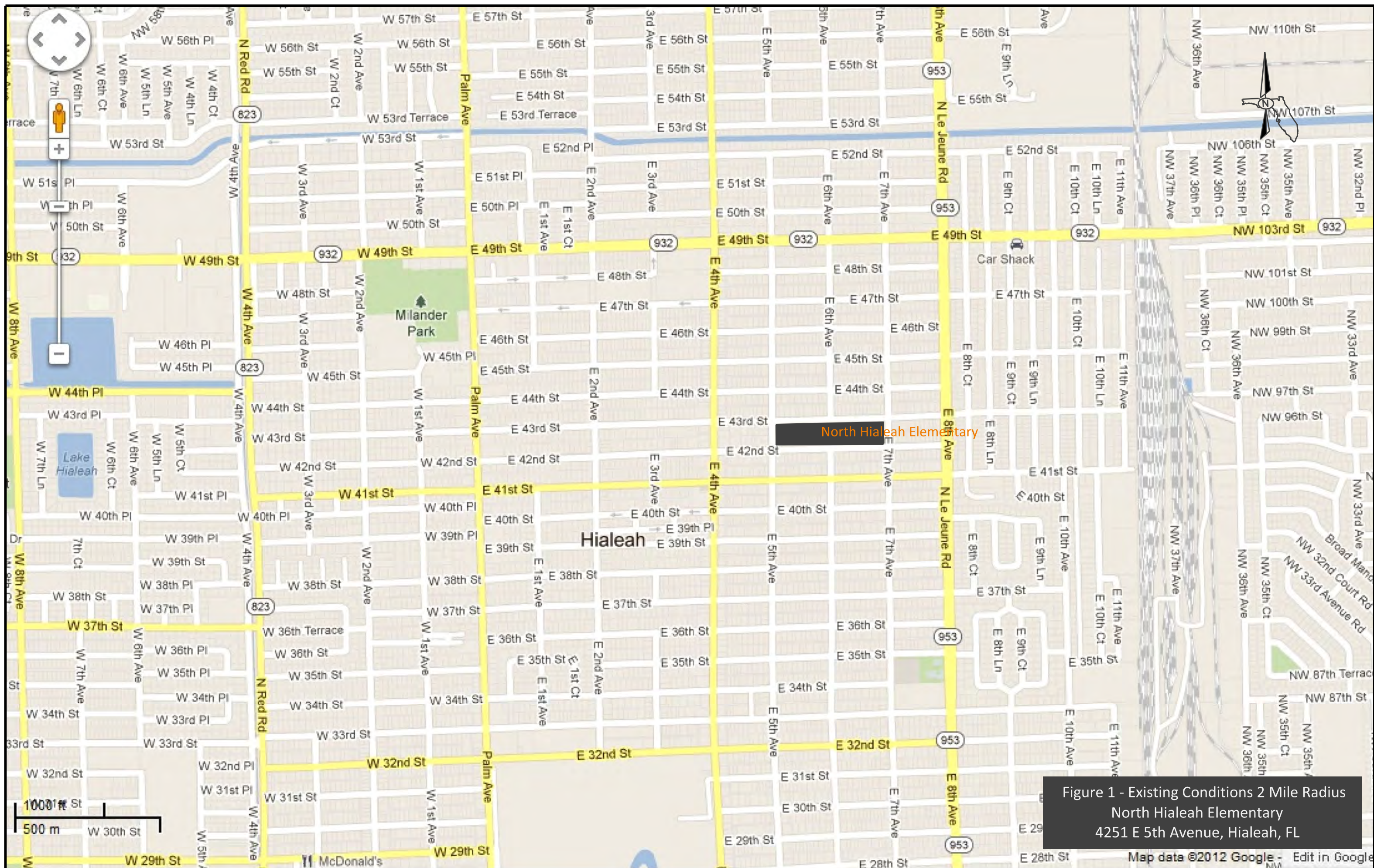


Figure 1 - Existing Conditions 2 Mile Radius
North Hialeah Elementary
4251 E 5th Avenue, Hialeah, FL

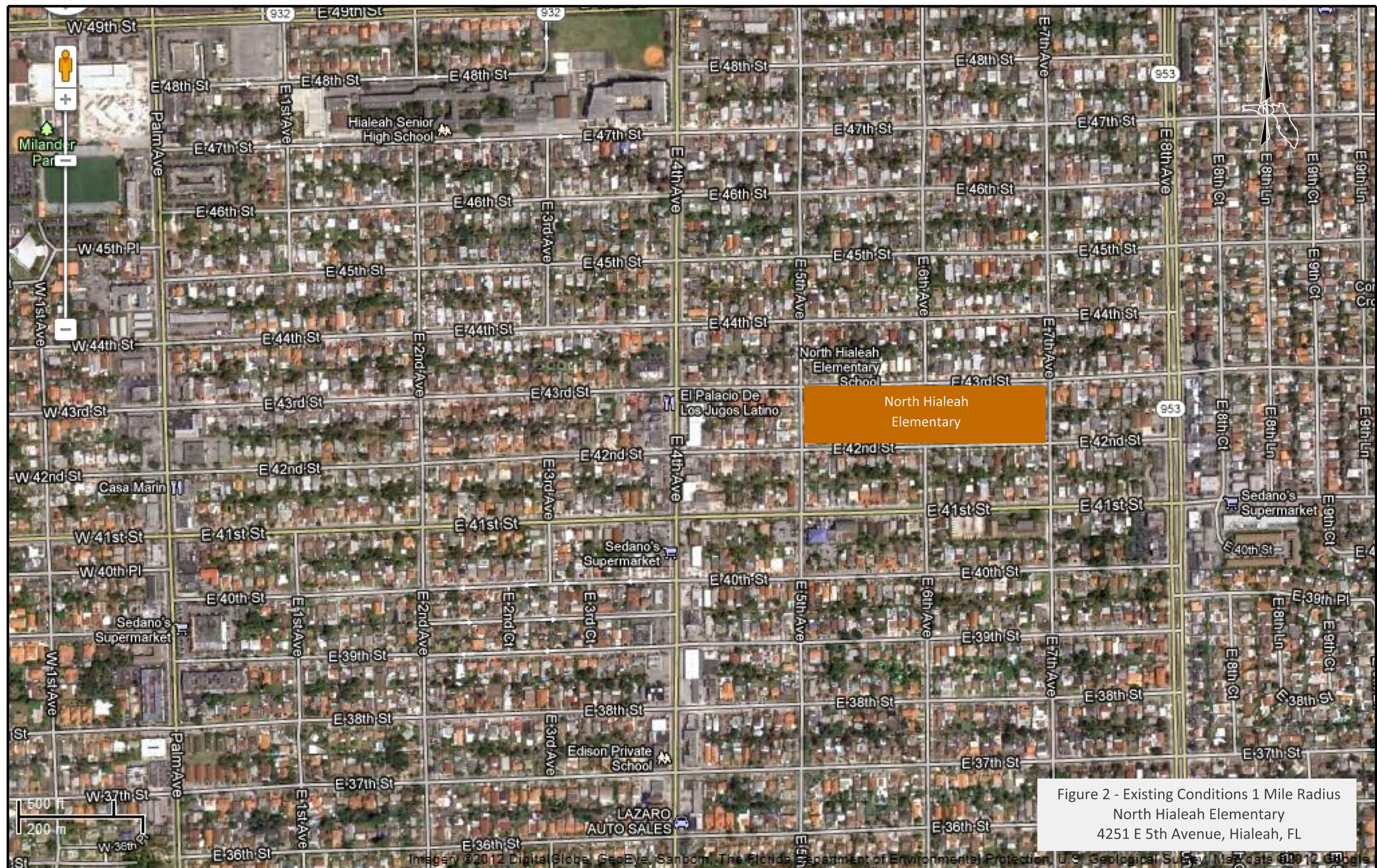
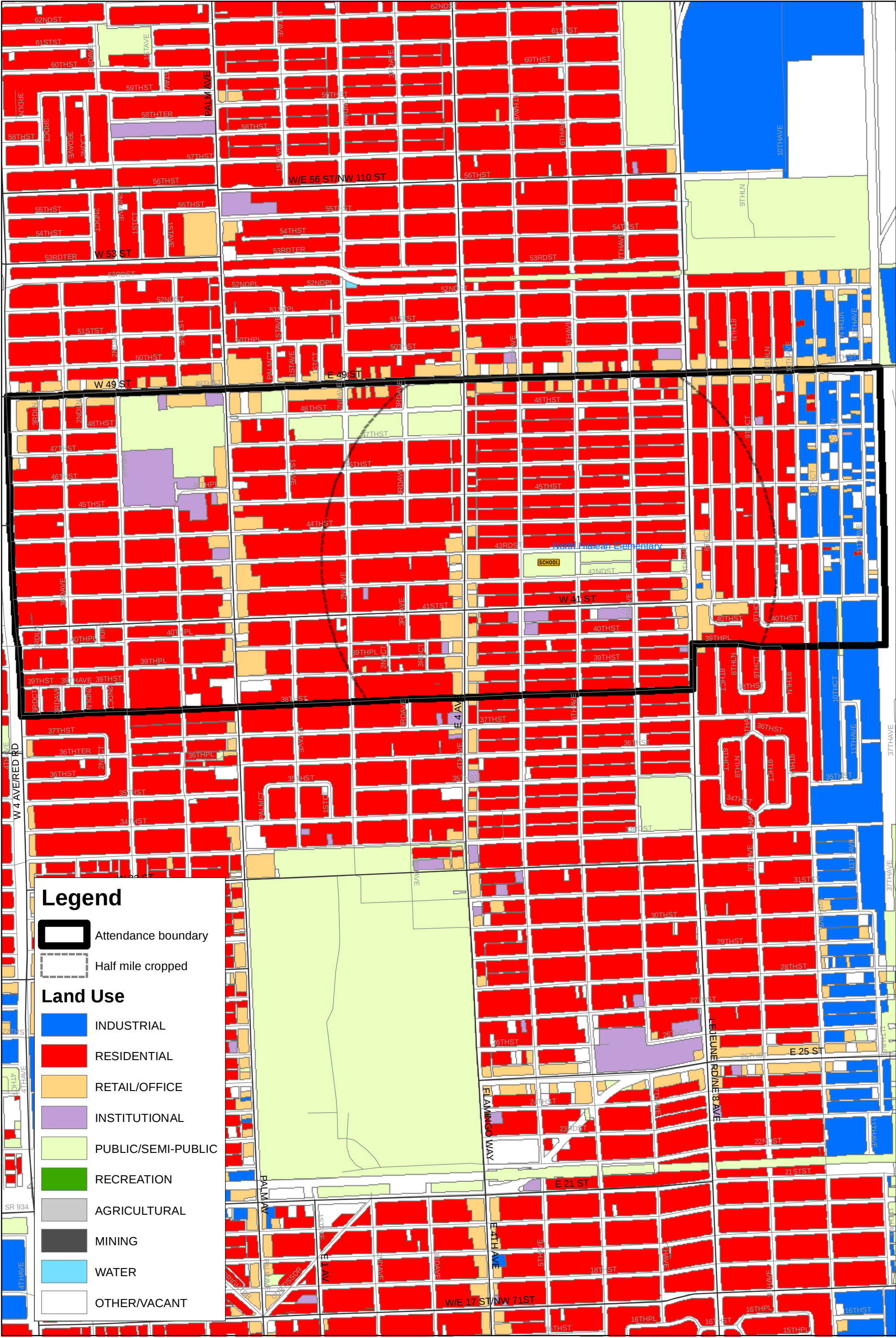


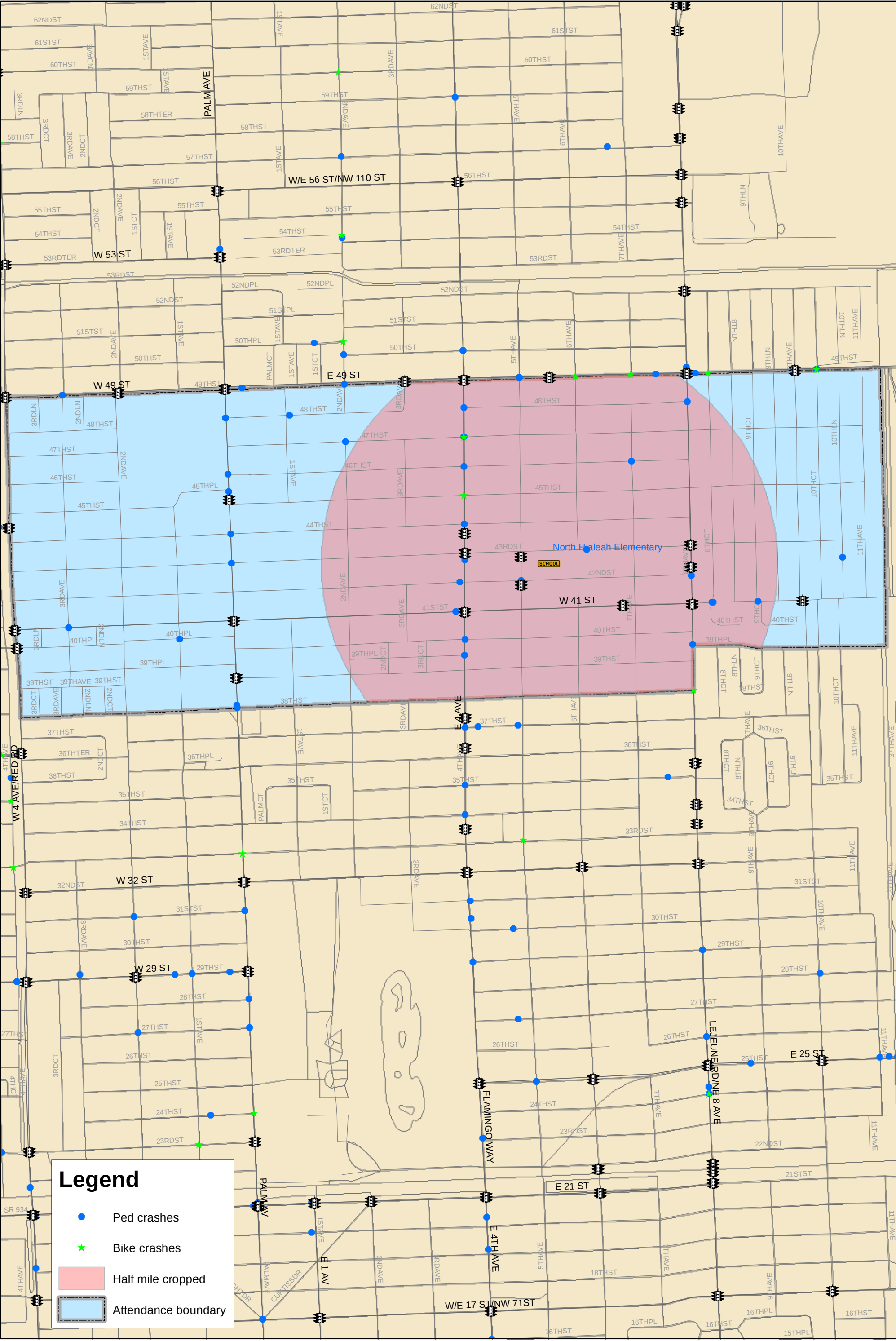
Figure 2 - Existing Conditions 1 Mile Radius
North Hialeah Elementary
4251 E 5th Avenue, Hialeah, FL

North Hialeah Elementary

Figure 3. Land Uses

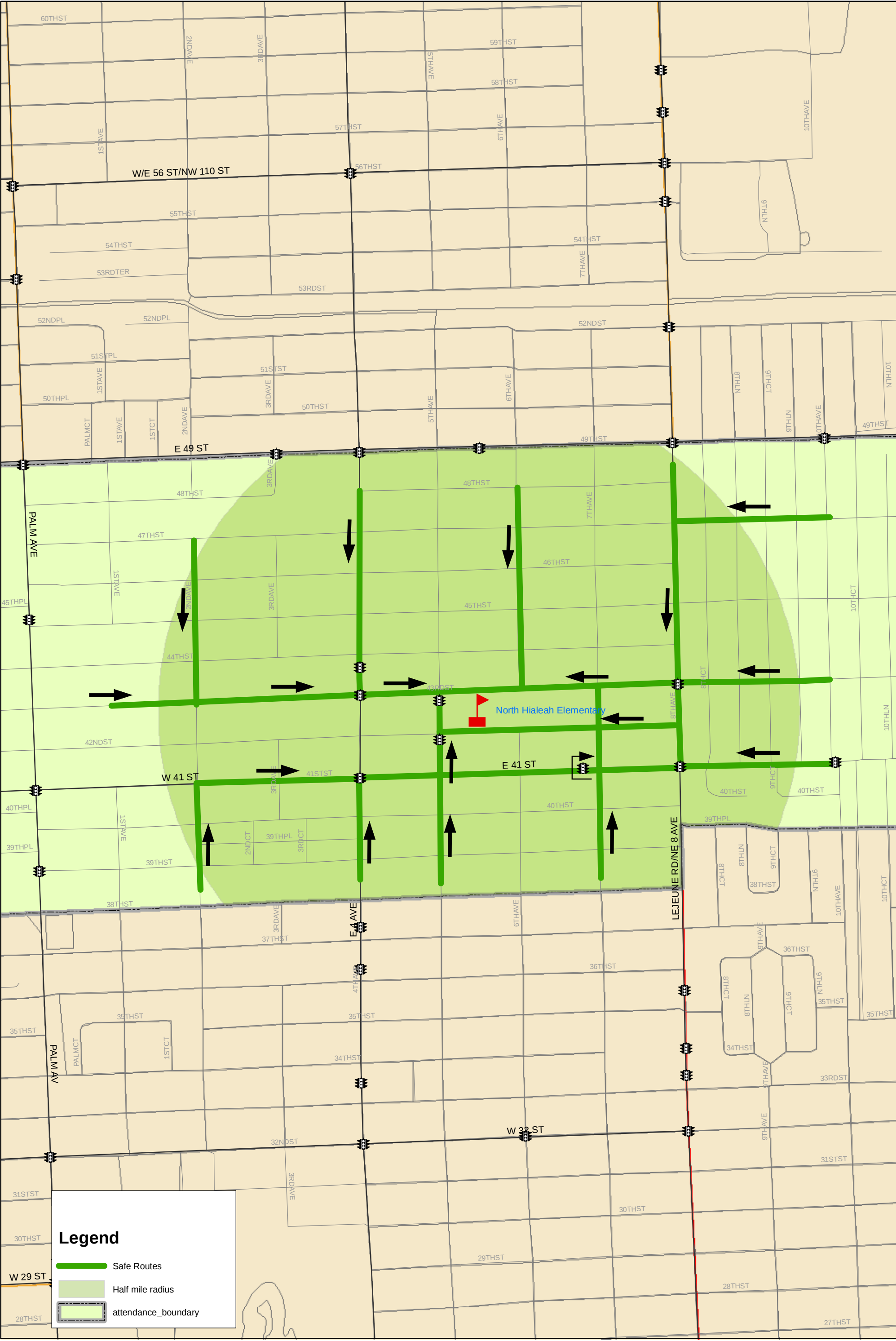


North Hialeah Elementary
Figure 4. Pedestrian and Bicycle Crashes (2005-2009)



North Hialeah Elementary

Figure 5. Safe Routes to School Plan



North Hialeah Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
E 47 Street (From E 10 Avenue to E 8 Avenue/LeJeune Rd)	711-11-123	Install crosswalks at E 9 Lane - north and south sides	55	\$3.58	LF	\$196.90
	522-1	Install sidewalk extension/ramps E 9 Lane - north and south sides	23	\$37.41	SY	\$872.90
	711-11-123	Install crosswalks at E 9 Court - north and south sides	53	\$3.58	LF	\$189.74
	522-1	Install sidewalk extension/ramps E 9 Court - north and south sides	19	\$37.41	SY	\$727.42
	711-11-123	Install crosswalks at E 8 Lane - north and south sides	57	\$3.58	LF	\$204.06
	522-1	Install sidewalk extension/ramps E 8 Lane - north and south sides	19	\$37.41	SY	\$706.63
	711-11-123	Install crosswalks at E 8 Court - north and south sides	51	\$3.58	LF	\$182.58
	522-1	Install sidewalk extension/ramps E 8 Court - north and south sides	25	\$37.41	SY	\$935.25
	527-1	Install detectable warning surfaces	8	\$392.88	EA	\$3,143.04
	110 1 1	Clearing and grubbing for the recommended improvements along E 47 Street	0.018	\$20,579.79	AC	\$368.51
E 43 Street (From E 10 Avenue to E 4 Avenue)	711-11-123	Install crosswalks at E 9 Lane - north and south sides	52	\$3.58	LF	\$186.16
	522-1	Install sidewalk extension/ramps at E 9 Lane - north and south sides	34	\$37.41	SY	\$1,288.57
	711-11-123	Install crosswalks at E 9 Court - north and south sides	54	\$3.58	LF	\$193.32
	522-1	Install sidewalk extension/ramps E 9 Court - north and south sides	28	\$37.41	SY	\$1,059.95
	711-11-123	Install crosswalks at E 8 Lane - north and south sides	52	\$3.58	LF	\$186.16
	522-1	Install sidewalk extension/ramps E 8 Lane - north and south sides	24	\$37.41	SY	\$893.68
	711-11-123	Install crosswalks at E 8 Court - north and south sides	50	\$3.58	LF	\$179.00
	522-1	Install sidewalk extension/ramps E 8 Court - north and south sides	21	\$37.41	SY	\$789.77
	527-1	Install detectable warning surfaces	8	\$392.88	EA	\$3,143.04
	N/A	Install solar speed feedback sings (with slowdown message) facing westbound and eastbound traffic between E 7 Avenue and E 4 Avenue	2	\$5,000.00	AS	\$10,000.00
	N/A	Install solar school zone flashers between E 8 Avenue and E 7 Avenue- facing WB traffic	1	\$4,000.00	AS	\$4,000.00
	N/A	Install solar school zone flashers between E 5 Avenue and E 4 Avenue - facing EB traffic	1	\$4,000.00	AS	\$4,000.00
E 42 Street (From E 8 Avenue to E 2 Avenue)	110 1 1	Clearing and grubbing for the recommended improvements along E 43 Street	0.022	\$20,579.79	AC	\$458.27
	700-21-40	Relocate school zone sign on NW corner of E 7 Avenue	1	\$2,678.14	AS	\$2,678.14
	711-11-123	Install a crosswalk at E 3 Avenue - south side	34	\$3.58	LF	\$121.72
	527-1	Retrofit ramp at E 3 Avenue - southwest corner	1	\$392.88	EA	\$392.88
	522-1	Install sidewalk extension/ramp at E 3 Avenue - southeast corner	6	\$37.41	SY	\$207.83
	110 1 1	Clearing and grubbing for the recommended improvements along E 43 Street	0.001	\$20,579.79	AC	\$23.62
		NOTE: Trim overgrown landscaping blocking school zone sign - between E 7 Avenue and E 8 Avenue	Maintenance			N/A
E 41 Street (From E 10 Avenue to E 8 Avenue/LeJeune Rd)	711-17	Remove crosswalk at E 9 Court - north side	37	\$5.00	SF	\$185.00
	711-11-123	Install crosswalk at E 9 Court - north side	37	\$3.58	LF	\$132.46
	711-17	Remove crosswalk at E 9 Lane - north side	40	\$5.00	SF	\$200.00
	711-11-123	Install crosswalk at E 9 Lane - north side	40	\$3.58	LF	\$143.20
	711-17	Remove crosswalk at E 8 Court - north side	45	\$5.00	SF	\$225.00
	711-11-123	Install crosswalk at E 8 Court - north side	45	\$3.58	LF	\$161.10
	527-1	Install detectable warning surfaces	6	\$392.88	EA	\$2,357.28
E 8 Avenue at E 43 Street	700-48-60	Remove "arrow" plaque on advance pedestrian crossing sign facing NB traffic - on the median of E 8 Avenue (W16-7P)	1	\$41.76	EA	\$41.76
	NA	Install "ahead" plaque on advance pedestrian crossing sign facing NB traffic - on the median of E 8 Avenue (W16-9P)	1	\$100.00	EA	\$100.00
	700-48-60	Remove "arrow" plaque on advance pedestrian crossing signs facing SB traffic - on the median and west side of E 8 Avenue (W16-7P)	1	\$41.76	EA	\$41.76
	NA	Install "ahead" plaque on advance pedestrian crossing signs facing SB traffic - on the median and west side of E 8 Avenue (W16-9P)	1	\$100.00	EA	\$100.00
E 7 Avenue (From E 47 Street to E 39 Street)	711-11-123	Install crosswalks at E 47 Street - west and east sides	79	\$3.58	LF	\$282.82
	522-1	Install sidewalk extension/ramps at E 47 Street - west and east sides	23	\$37.41	SY	\$872.90
	711-11-123	Install crosswalks at E 46 Street - west and east sides	65	\$3.58	LF	\$232.70
	522-1	Install sidewalk extension/ramps at E 46 Street - west and east sides	24	\$37.41	SY	\$914.47
	711-11-123, 711-11-125	Upgrade existing high emphasis crosswalks at E 43 Street to ladder type - north, south, east and west sides	130	10.22	LF	\$1,328.17
	527-1	Retrofit existing ramps at E 43 Street - north, south, east and west sides	8	392.88	EA	\$3,143.04
	711-11-123	Install crosswalks at E 40 Street - west and east sides	50	\$3.58	LF	\$179.00

North Hialeah Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
	522-1	Install sidewalk extension/ramps at E 40 Street - west and east sides	31	\$37.41	SY	\$1,163.87
	711-11-123	Install crosswalks at E 39 Street - west and east sides	46	\$3.58	LF	\$164.68
	522-1	Install sidewalk extension/ramps at E 39 Street - west and east sides	35	\$37.41	SY	\$1,309.35
	110 1 1	Clearing and grubbing for the recommended improvements along E 7 Avenue	0.024	\$20,579.79	AC	\$484.26
E 5 Avenue (From E 47 Street to E 39 Street)	711-11-123	Install crosswalks at E 47 Street - west and east sides	60	\$3.58	LF	\$214.80
	522-1	Install sidewalk extension/ramps at E 47 Street - west and east sides	28	\$37.41	SY	\$1,059.95
	711-11-123	Install crosswalks at E 46 Street - west and east sides	48	\$3.58	LF	\$171.84
	522-1	Install sidewalk extension/ramps at E 46 Street - west and east sides	31	\$37.41	SY	\$1,143.08
	711-11-123, 711-11-125	Install a high emphasis crosswalk at E 41 Street - east side	45	\$10.22	LF	\$459.75
	700-20-11	Install a school crossing assembly for the proposed crosswalk at E 41 Street - north and south sides (S1-1, W16-7P)x2	2	\$257.50	AS	\$515.00
	N/A	Install rectangular rapid flashing beacons (RRFB) for the proposed crosswalk at E 41 Street - on the east side facing EB and WB traffic	2	\$10,000.00	AS	\$20,000.00
	711-11-123	Install crosswalks at E 40 Street - west and east sides	44	\$3.58	LF	\$157.52
	522-1	Install sidewalk extension/ramps at E 40 Street - west and east sides	34	\$37.41	SY	\$1,267.78
	711-11-123	Install crosswalks at E 39 Street - west and east sides	46	\$3.58	LF	\$164.68
	522-1	Install sidewalk extension/ramps at E 39 Street - west and east sides	34	\$37.41	SY	\$1,267.78
	527-1	Install detectable warning surfaces	8	\$392.88	EA	\$3,143.04
	110 1 1	Clearing and grubbing for the recommended improvements along E 5 Avenue	0.026	\$20,579.79	AC	\$538.59
E 4 Avenue (From E 46 Street to E 39 Street)	711-17	Remove crosswalk at E 46 Street - west side	46	\$5.00	SF	\$230.00
	711-11-123	Install crosswalk at E 46 Street - west side	46	\$3.58	LF	\$164.68
	527-1	Retrofit existing ramps at E 46 Street - west side	2	\$392.88	EA	\$785.76
	711-17	Remove crosswalk at E 45 Street - west side	46	\$5.00	SF	\$230.00
	711-11-123	Install crosswalk at E 45 Street - west side	46	\$3.58	LF	\$164.68
	527-1	Retrofit existing ramps at E 45 Street - west side	2	\$392.88	EA	\$785.76
	711-17	Remove crosswalk at E 44 Street - west side	46	\$5.00	SF	\$230.00
	711-11-123	Install crosswalk at E 44 Street - west side	46	\$3.58	LF	\$164.68
	527-1	Retrofit existing ramps at E 44 Street - west side	2	\$392.88	EA	\$785.76
	711-11-123, 711-11-125	Upgrade existing high emphasis crosswalks at E 43 Street to ladder type - all sides	205	10.22	LF	\$2,094.42
	711-17	Remove crosswalk at E 42 Street - west side	46	\$5.00	SF	\$230.00
	711-11-123	Install crosswalk at E 42 Street - west side	46	\$3.58	LF	\$164.68
	527-1	Retrofit existing ramps at E 42 Street - west side	2	\$392.88	EA	\$785.76
	711-11-123, 711-11-125	Upgrade existing crosswalks at E 41 Street to high emphasis (ladder type) - all sides	188	10.22	LF	\$1,920.73
	527-1	Retrofit existing ramps at E 41 Street - east and south sides	3	\$392.88	EA	\$1,178.64
	527-1	Retrofit existing ramp at E 41 Street - southwest corner	1	\$392.88	EA	\$392.88
	711-17	Remove crosswalk at E 40 Street - west side	22	\$5.00	SF	\$110.00
	711-11-123	Install crosswalk at E 40 Street - west side	22	\$3.58	LF	\$78.76
	711-17	Remove crosswalk at E 39 Place - west side	22	\$5.00	SF	\$110.00
	711-11-123	Install crosswalk at E 39 Place - west side	22	\$3.58	LF	\$78.76
	527-1	Retrofit existing ramps at E 39 Place - west side	2	\$392.88	EA	\$785.76
	711-17	Remove crosswalk at E 39 Street - west side	20	\$5.00	SF	\$100.00
	711-11-123	Install crosswalk at E 39 Street - west side	20	\$3.58	LF	\$71.60
	527-1	Retrofit existing ramps at E 39 Street - west side	2	\$392.88	EA	\$785.76
E 3 Avenue (From E 46 Street to E 44 Street)	711-11-123	Install crosswalks at E 46 Street - west side	25	\$3.58	LF	\$89.50
	522-1	Install sidewalk extension/ramps at E 46 Street - west side	17	\$37.41	SY	\$623.50
	711-11-123	Install crosswalks at E 45 Street - west side	25	\$3.58	LF	\$89.50
	522-1	Install sidewalk extension/ramps at E 45 Street - west side	18	\$37.41	SY	\$665.07
	110-4	Concrete removal between E 45 Street and E 44 Street - west side	4	\$11.80	SY	\$52.44
	522-1	Install sidewalk between E 45 Street and E 44 Street - west side	4	\$37.41	SY	\$166.27

North Hialeah Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
	711-11-123	Install a crosswalk at E 44 Street - north side	25	\$3.58	LF	\$89.50
	522-1	Install sidewalk extension/ramps at E 44 Street - north side	15	\$37.41	SY	\$561.15
	110 1 1	Clearing and grubbing for the recommended improvements along E 3 Avenue	0.010	\$20,579.79	AC	\$210.24
Within school zone	MDC PW	Replace existing school speed zone signs with fluorescent yellow green signs	10	\$150.00	AS	\$1,500.00
Construction Cost						\$97,672.00
Maintenance of Traffic (10%)						\$9,767.20
Mobilization (10%)						\$9,767.20
Sub Total						\$117,206.40
Contingency (15%)						\$17,580.96
Total Construction Cost						\$134,787.36
PE (15%)						\$20,218.10
CEI (15%)						\$20,218.10
Grand Total						\$175,223.57

Natural Bridge Elementary

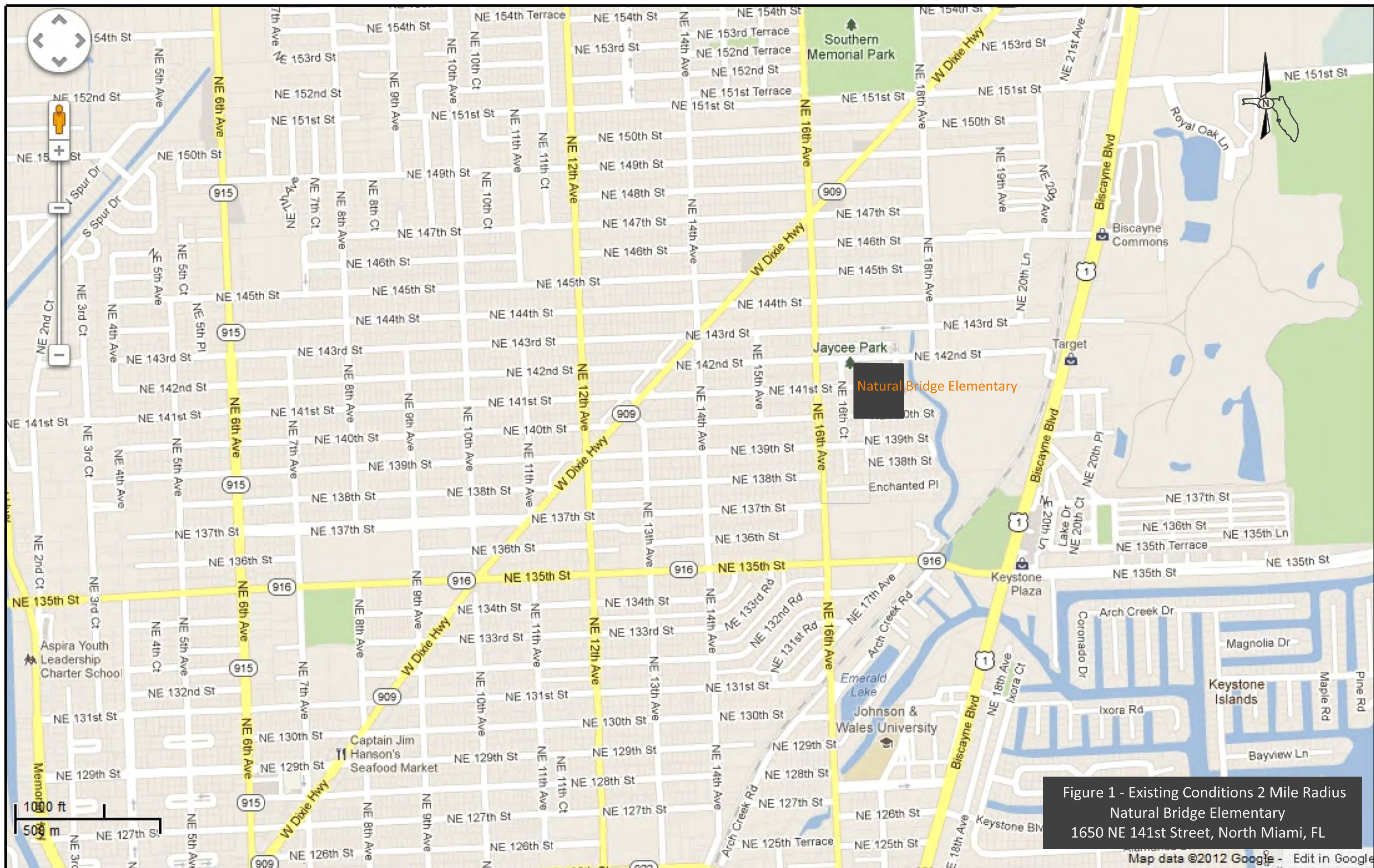
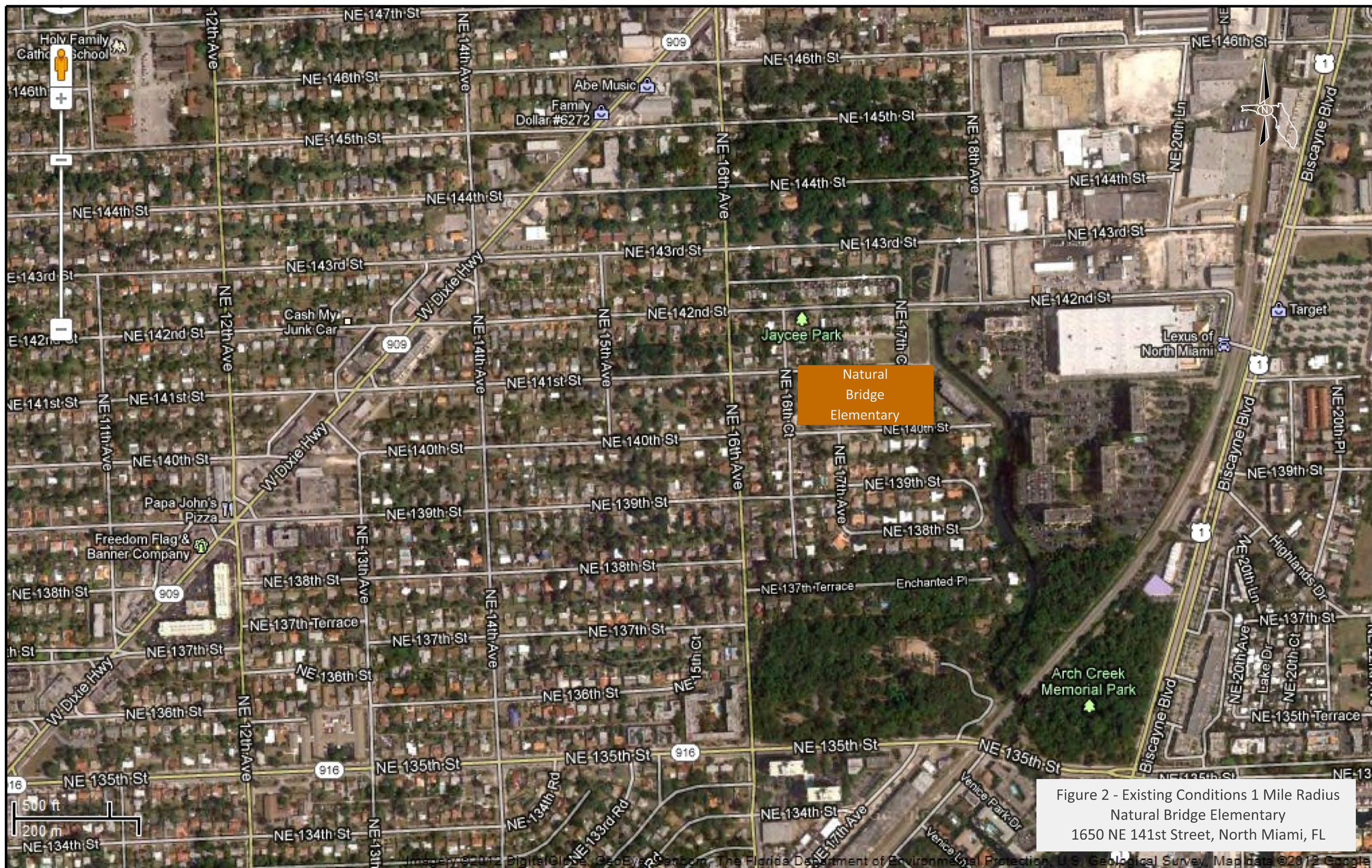
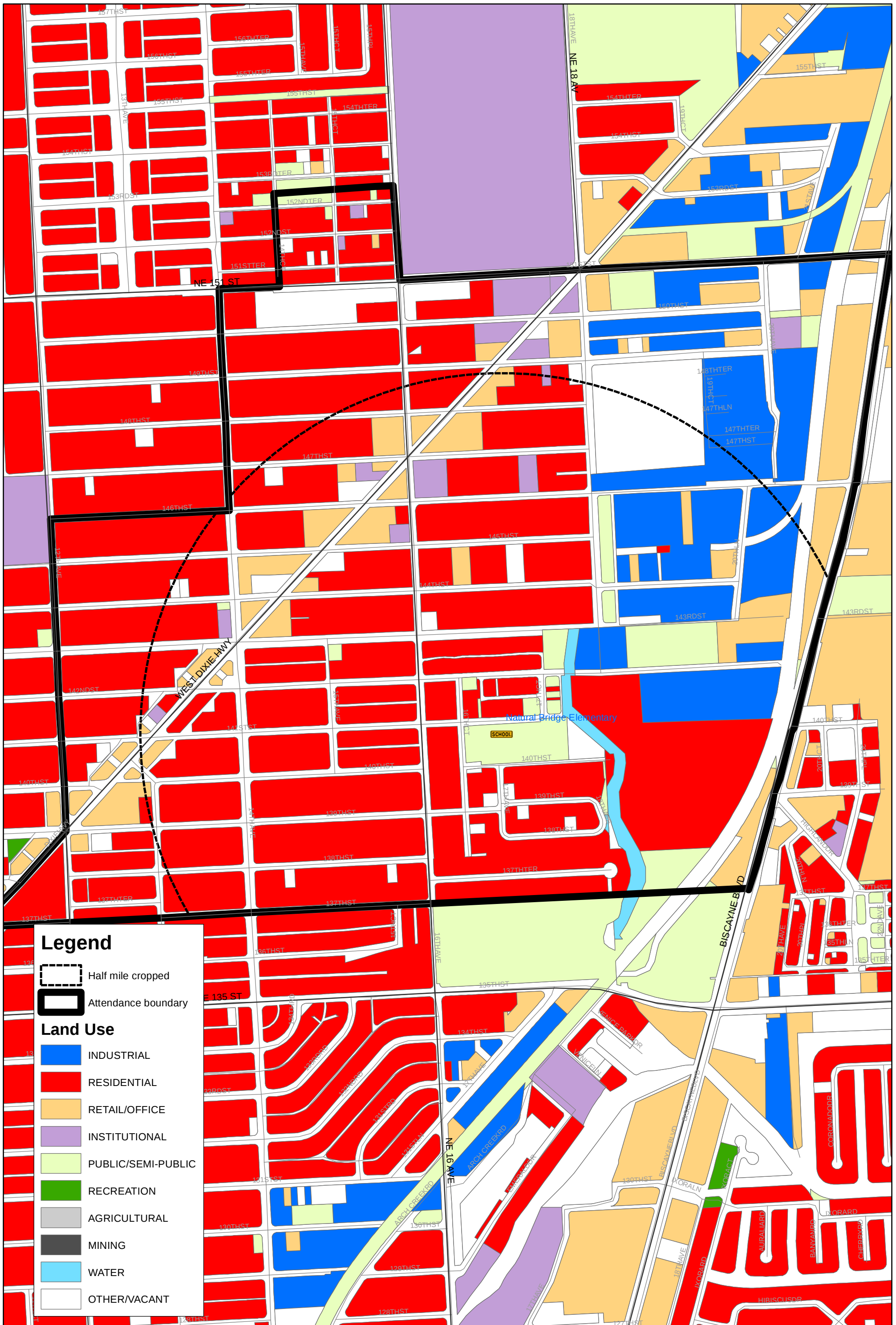


Figure 1 - Existing Conditions 2 Mile Radius
Natural Bridge Elementary
1650 NE 141st Street, North Miami, FL

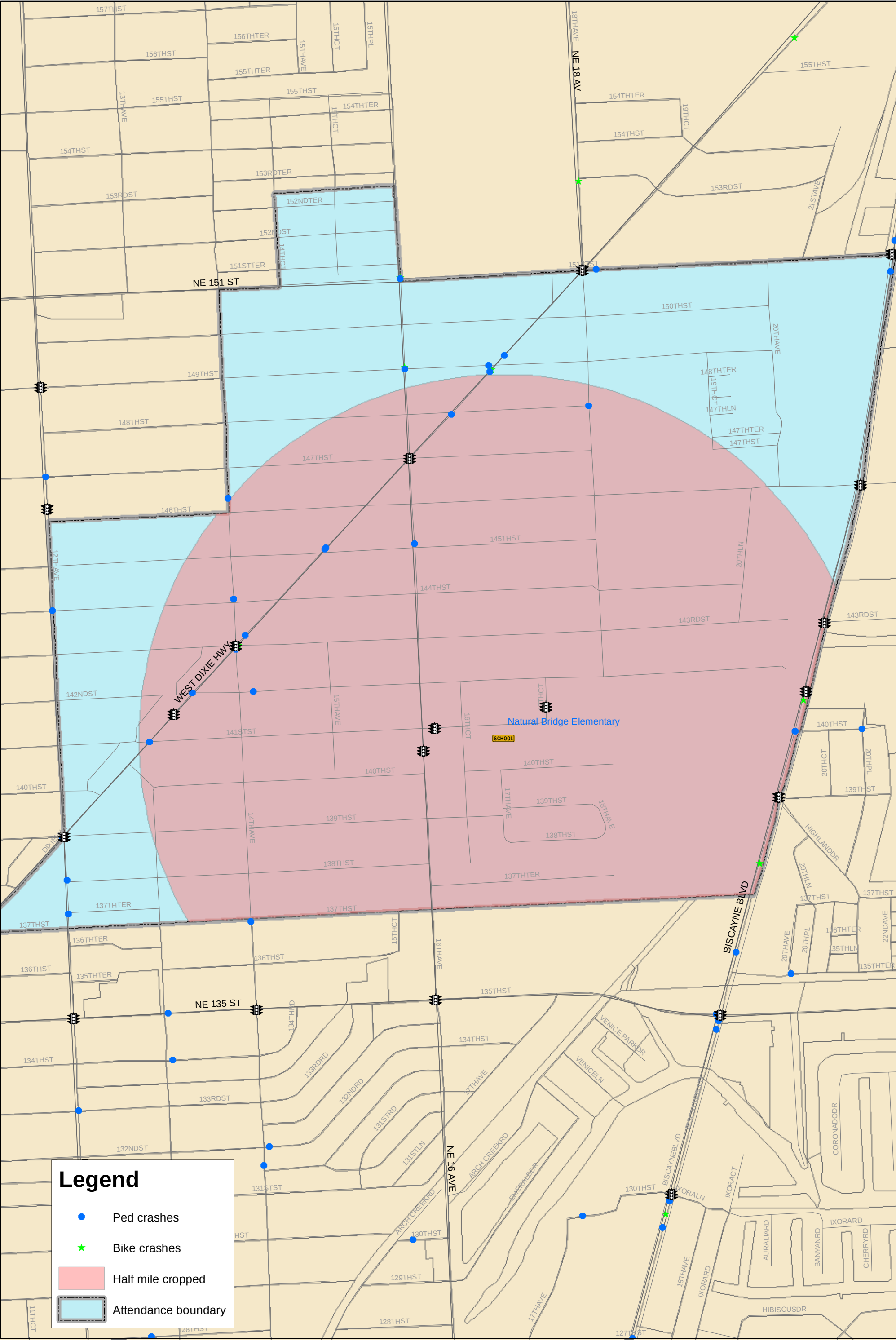


Natural Bridge Elementary

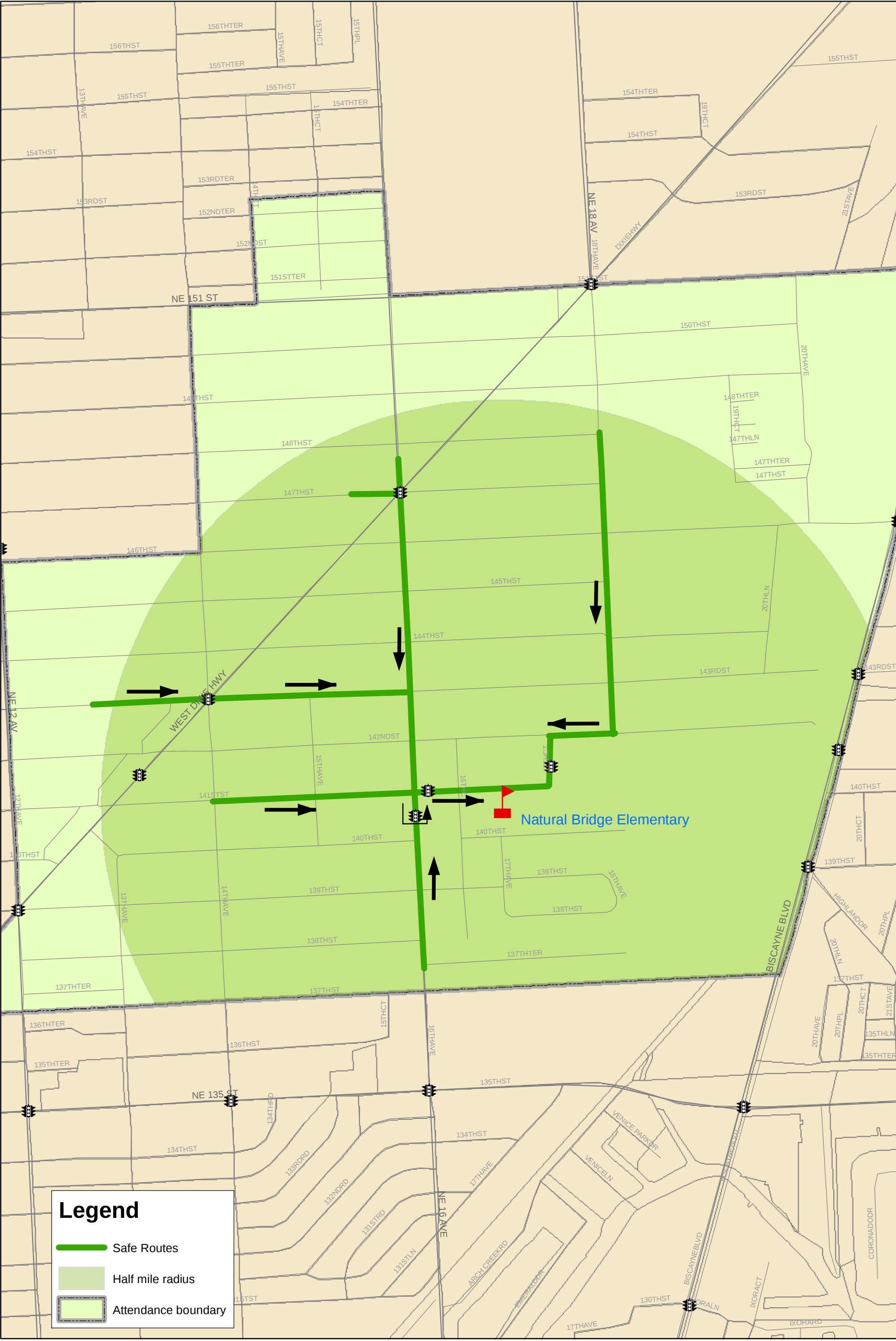
Figure 3. Land Uses



Natural Bridge Elementary
Figure 4. Pedestrian and Bicycle Crashes (2005-2009)



Natural Bridge Elementary
Figure 5. Safe Routes to School Plan



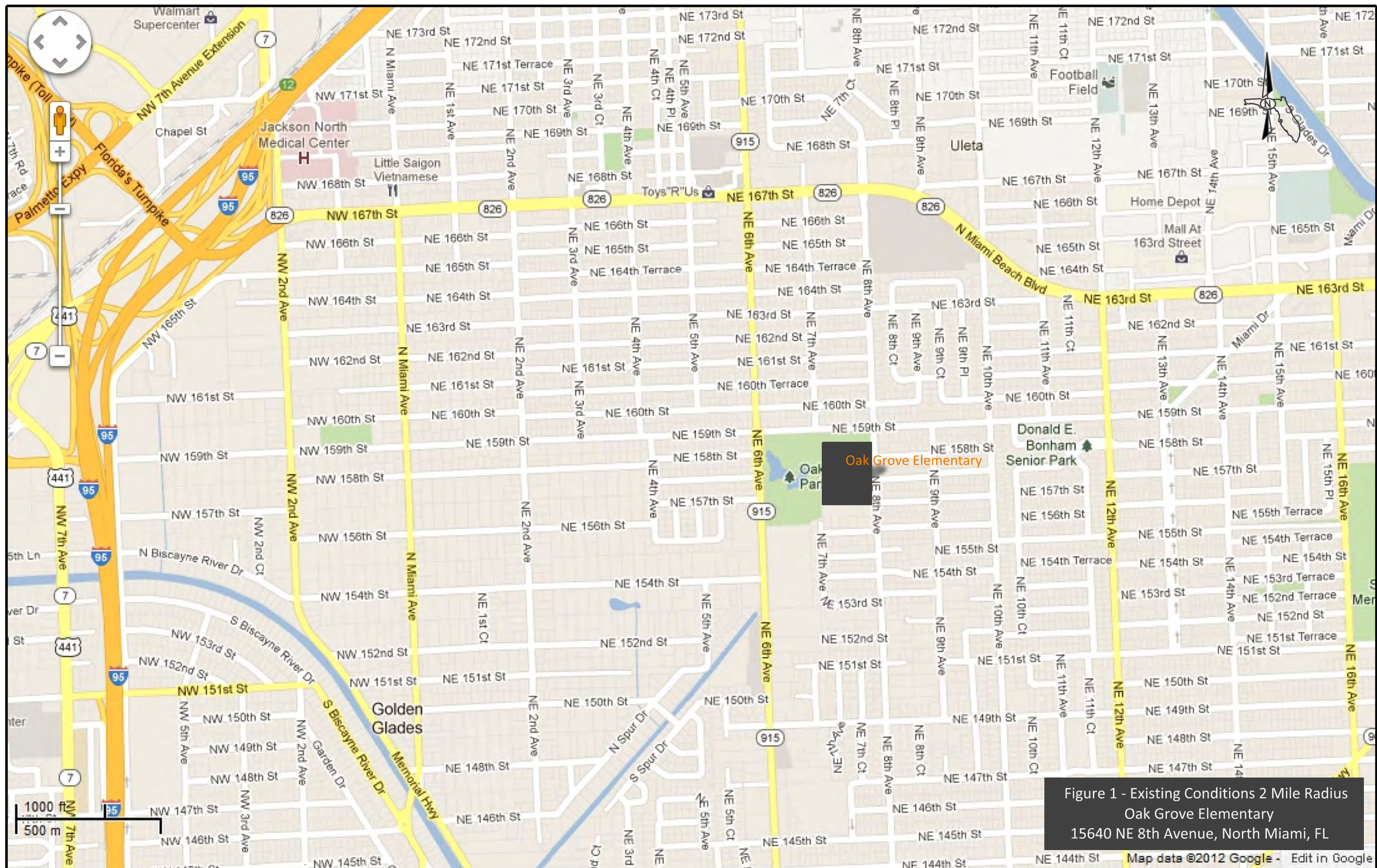
Natural Bridge Elementary
Opinion of Probable Cost

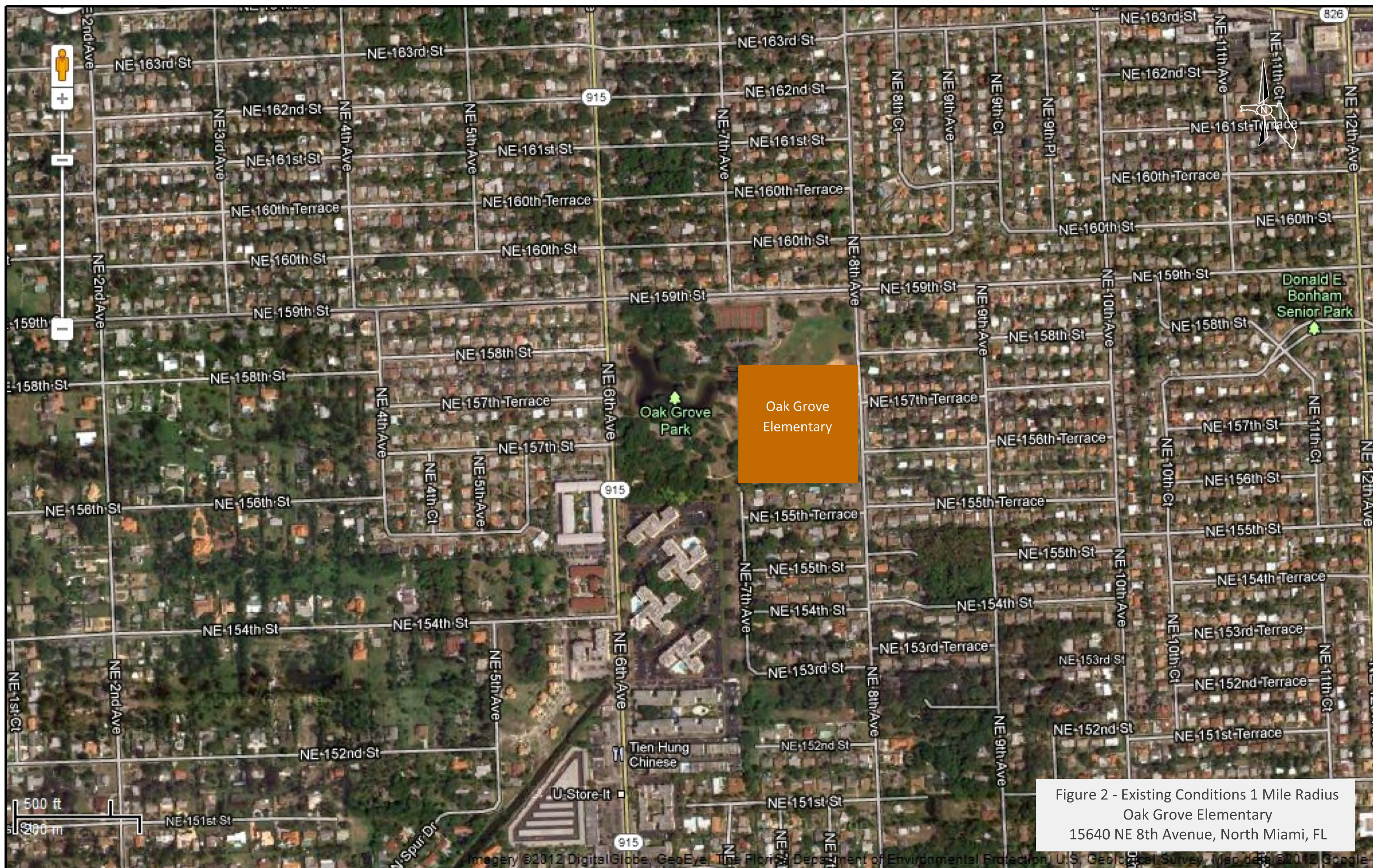
Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NE 18 Avenue (From NE 142 Street to NE 146 Street)	711-11-123	Install crosswalk at NE 146 Street - east side	50	\$3.58	LF	\$179.00
	522-1	Install sidewalk extension/ramps at NE 146 Street - east side	14	\$37.41	SY	\$519.58
	110 1 1	Clearing and grubbing for the recommended improvements at NE 146 Street	0.003	\$20,579.79	AC	\$59.06
	711-11-123	Install crosswalk at NE 144 Street - east side	45	\$3.58	LF	\$161.10
	110-4	Concrete removal at NE 144 Street - southeast corner	8	\$11.80	SY	\$98.33
	522-1	Install sidewalk extension/ramps at NE 144 Street - east side	13	\$37.41	SY	\$478.02
	110 1 1	Clearing and grubbing for the recommended improvements at NE 144 Street	0.003	\$20,579.79	AC	\$54.33
	711-17	Remove existing crosswalk at NE 143 Street - east side	45	\$2.50	SF	\$112.50
	711-11-123, 711-11-125	Install a high emphasis crosswalk at NE 143 Street - east side	45	\$10.22	LF	\$459.75
	110-4	Concrete removal at NE 142 Street - northeast corner	6	\$11.80	SY	\$65.56
	522-1	Install sidewalk extension/ramp at NE 142 Street - northeast corner	6	\$37.41	SY	\$207.83
	711-17	Remove existing crosswalk at NE 142 Street - north side	33	\$5.00	SF	\$165.00
	527-1	Install detectable warning surfaces	8	\$392.88	EA	\$3,143.04
	711-11-123, 711-11-125	Install a high emphasis crosswalk at NE 142 Street - north side	33	\$10.22	LF	\$337.15
NE 143 Street	711-17	Remove existing crosswalks at West Dixie Highway - on all sides	349	\$2.50	SF	\$872.50
	711-11-123, 711-11-125	Install high emphasis crosswalks at West Dixie Highway - on all sides	349	\$10.22	LF	\$3,565.62
	653-192	Install pedestrian countdown signal heads at West Dixie Highway - all sides	8	\$1,048.73	AS	\$8,389.84
	711-11-123	Install a crosswalk at NE 15 Avenue - south side	40	\$3.58	LF	\$143.20
	522-1	Install sidewalk extension/ramps at NE 15 Avenue - south side	18	\$37.41	SY	\$665.07
	527-1	Install detectable warning surfaces	2	\$392.88	EA	\$785.76
	110-1-1	Clearing and grubbing for recommended improvements along NE 143 Street	0.004	\$20,579.79	AC	\$75.59
NE 141 Street (From NE 16 Court to NE 14 Avenue)	110-4	Sidewalk removal on the south side approx. 125 ft west of NE 17 Court, in front of high-voltage distribution installation	8	\$11.80	SY	\$91.78
	522-1	Install sidewalk on the south side approx. 125 ft west of NE 17 Court	19	\$37.41	SY	\$727.42
	522-1	Install sidewalk extension/ramps at NE 16 Court - north and south sides	32	\$37.41	SY	\$1,205.43
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 16 Court - north and south sides (S1-1, W16-7P)	2	\$257.50	AS	\$515.00
	522-1	Install sidewalk extension/ramps at NE 15 Avenue - north and south sides	29	\$37.41	SY	\$1,080.73
	700-20-11	Install "use crosswalk" signs facing east and west direction at NE 16 Avenue (R9-3bP)	2	\$257.50	AS	\$515.00
	527-1	Retrofit existing ramp at NE 16 Avenue - east and west sides	4	\$392.88	EA	\$1,571.52
	711-11-123	Install crosswalks at NE 15 Avenue - north and south sides	86	\$3.58	LF	\$307.88
	110 1 1	Clearing and grubbing for the recommended improvements along NE 141 Street	0.015	\$20,579.79	AC	\$308.70
		NOTES: Trim overgrown landscaping between at NE 15 Avenue - northeast corner	Maintenance			N/A
		Trim overgrown landscaping between NE 15 Avenue and NE 14 Avenue - south side				
NE 140 Street	711-11-123	Install crosswalk at NE 15 Avenue - north side	40	\$3.58	LF	\$143.20
	522-1	Install sidewalk extension/ramp at NE 15 Avenue - north side	11	\$37.41	SY	\$415.67
	110 1 1	Clearing and grubbing for the recommended improvements along NE 140 Street	0.002	\$20,579.79	AC	\$47.24

Natural Bridge Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NE 16 Avenue (From NE 142 Street to NE 139 Street)	700-90-11	Install solar school zone flasher between NE 142 Street and NE 141 Street	1	\$4,000.00	AS	\$4,000.00
	700-90-11	Install solar school zone flasher at NE 139 Street	1	\$4,000.00	AS	\$4,000.00
	110-4, 690-20, 690-32-1, 690-50, 690-80, 690-90, 690-100, 700-20-60, and 711-17	Remove pedestrian signal, crosswalk and signs - south of NE 141 Street	1	\$3,600.00	EA	\$3,600.00
	711-11-123, 711-11-125	Install high emphasis crosswalk at NE 141 Street - south side	35	\$10.22	LF	\$357.58
	N/A	Install a rectangular rapid flashing beacon (RRFB) at NE 141 Street - south side	2	\$10,000.00	EA	\$20,000.00
	700-20-11	Install fluorescent yellow green school advance crossing assembly at NE 141 Street - north and south sides (S1-1, W16-9P)x2	2	\$257.50	AS	\$515.00
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 141 Street - north and south sides (S1-1, W16-7P)x2	2	\$257.50	AS	\$515.00
	522-1	Install sidewalk extension/ramps at NE 141 Street - south side	14	\$37.41	SY	\$519.58
	N/A	Install solar speed feedback sings (with slowdown message) facing northbound and southbound traffic between NE 142 Street and NE 139 Street. Speed feedback signs should be activated only during arrival/dismissal periods.	2	\$5,000.00	AS	\$10,000.00
Within school zone	MDC PW	Replace existing school speed zone signs with fluorescent yellow green signs	10	\$150.00	AS	\$1,500.00
Construction Cost						\$72,474.56
Maintenance of Traffic (10%)						\$7,247.46
Mobilization (10%)						\$7,247.46
Sub Total						\$86,969.47
Contingency (15%)						\$13,045.42
Total Construction Cost						\$100,014.89
PE (15%)						\$15,002.23
CEI (15%)						\$15,002.23
Grand Total						\$130,019.36

Oak Grove Elementary





Oak Grove Elementary

Figure 3. Land Uses

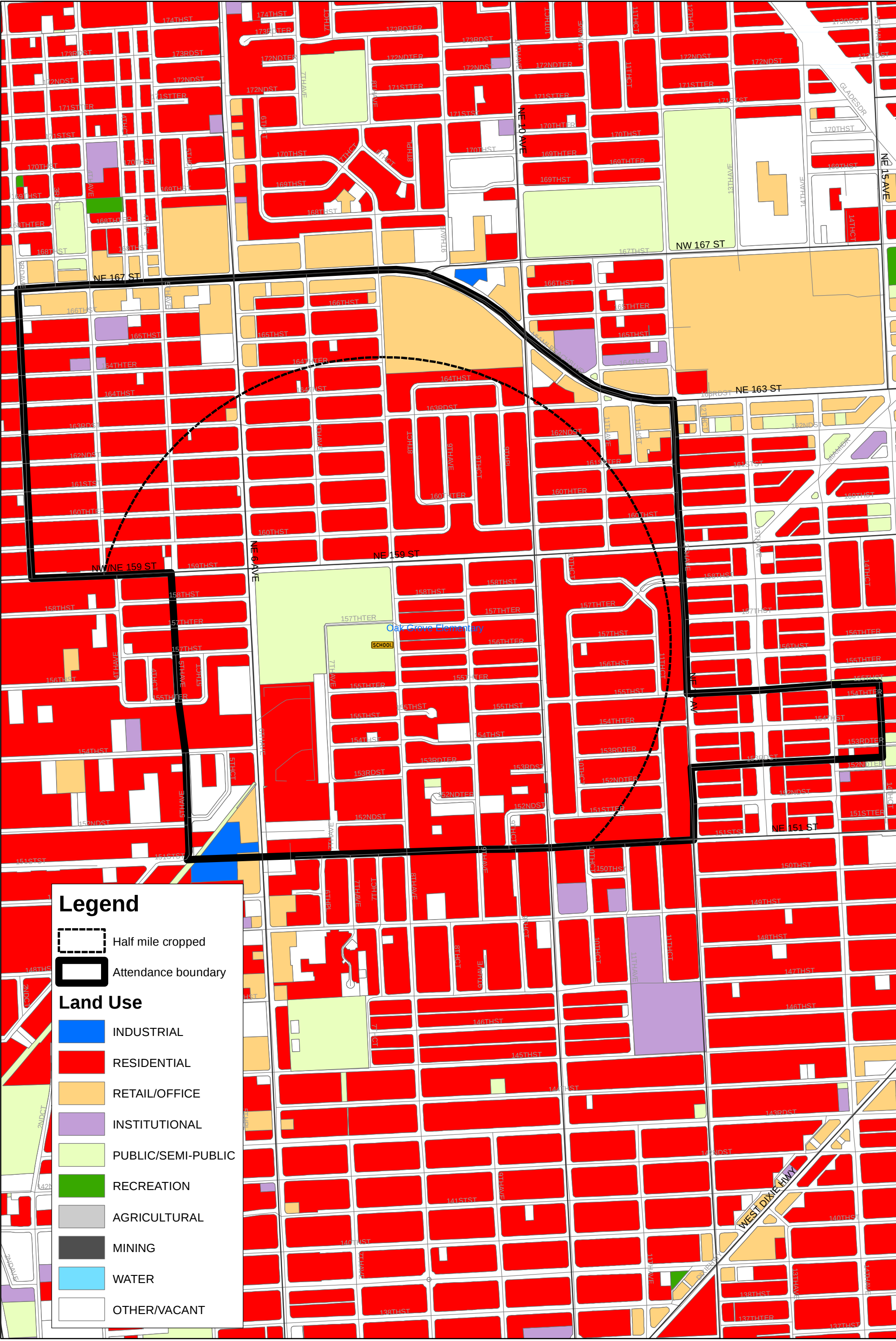
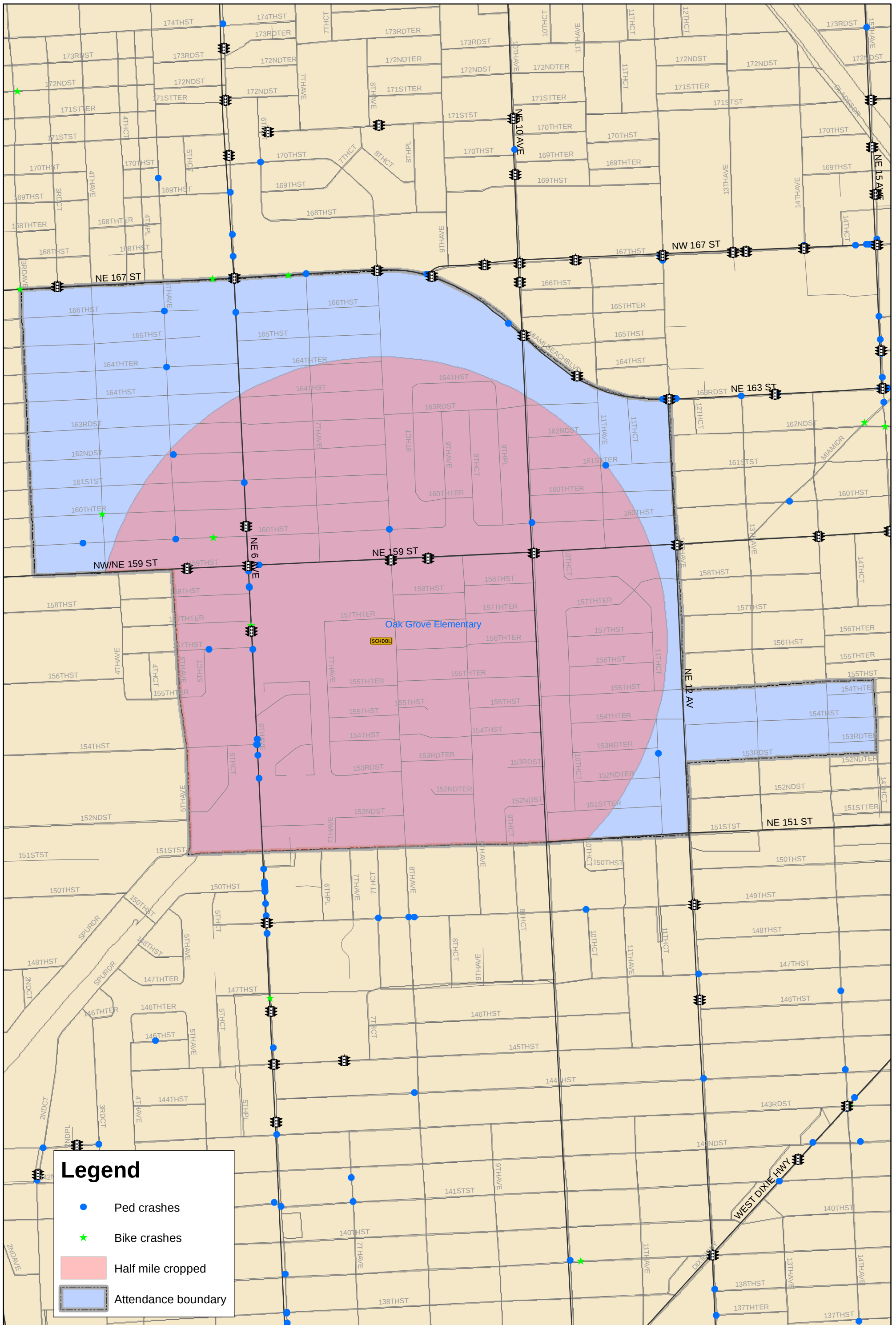
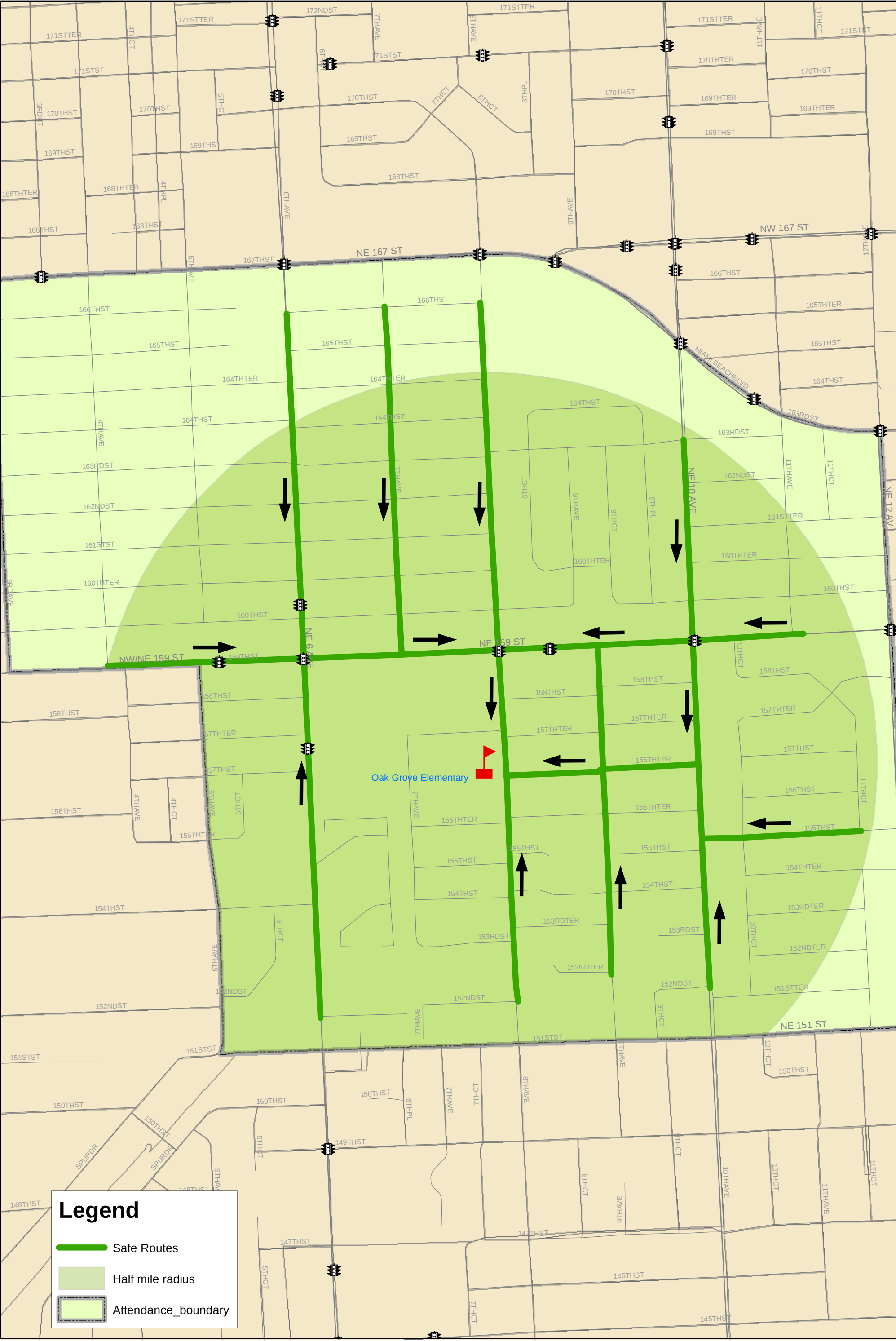


Figure 4. Pedestrian and Bicycle Crashes (2005-2009)



Oak Grove Elementary

Figure 5. Safe Routes to School Plan



Oak Grove Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NE 159 Street (From NE 10 Court to NE 7 Avenue)	711-11-123	Install crosswalk at NE 10 Court - south side	30	\$3.58	LF	\$107.40
	653-192	Install pedestrian countdown signal heads (connect them to existing push buttons) at NE 10 Avenue - north, south, west, and east sides	4	\$1,048.73	AS	\$4,194.92
	711-11-123, 711-11-125	Install high emphasis crosswalks at NE 10 Avenue - north, south, west, and east sides	220	\$10.22	LF	\$2,247.67
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 10 Avenue - north, south, west, and east sides (S1-1, W16-7P)x4	4	\$257.50	AS	\$1,030.00
	527-1	Retrofit existing ramps at NE 10 Avenue - north, south, west, and east sides	4	\$392.88	EA	\$1,571.52
	711-11-123, 711-11-125	Install high emphasis crosswalks at NE 8 Avenue - north, south, west, and east sides	190	\$10.22	LF	\$1,941.17
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 8 Avenue - south side (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	711-11-123, 711-11-125	Install crosswalk at NE 7 Avenue - north side	30	\$10.22	LF	\$306.50
	527-1	Retrofit existing ramps at NE 7 Avenue - north side	2	\$392.88	EA	\$785.76
		NOTES: Trim overgrown landscaping at NE 10 Avenue - north, south, west, and east sides	Maintenance			N/A
		Trim overgrown landscaping between NE 10 Avenue and NE 10 Court- north side				
		Trim overgrown landscaping at NE 8 Avenue - north side				
NE 8 Avenue (From NE 163 Street to NE 152 Street)	711-11-123	Install crosswalks at NE 163 Street - west and east sides	90	\$3.58	LF	\$322.20
	527-1	Retrofit existing ramps at NE 163 Street - east side	2	\$392.88	EA	\$785.76
	711-11-123	Install crosswalk at NE 162 Street - west side	50	\$3.58	LF	\$179.00
	527-1	Retrofit existing ramps at NE 162 Street - west side	2	\$392.88	EA	\$785.76
	711-11-123	Install crosswalk at NE 161 Street - west side	45	\$3.58	LF	\$161.10
	527-1	Retrofit existing ramps at NE 161 Street - west side	2	\$392.88	EA	\$785.76
	NA	Install solar school flasher at south of NE 160 Terrace and south of NE 155 Terrace	2	\$4,000.00	AS	\$8,000.00
	711-11-123	Install crosswalk at NE 160 Terrace - west side	45	\$3.58	LF	\$161.10
	527-1	Retrofit existing ramps at NE 160 Terrace - west side	2	\$392.88	EA	\$785.76
	711-11-123	Install crosswalks at NE 160 Street - west and east sides	75	\$3.58	LF	\$268.50
	711-11-123	Install crosswalk at NE 158 Street - east side	40	\$3.58	LF	\$143.20
	522-1	Install sidewalk extension/ramp at NE 158 Street - northeast corner	6	\$37.41	SY	\$207.83
	527-1	Retrofit existing ramps at NE 158 Street - southeast corner	1	\$392.88	EA	\$392.88
	700-21-40	Relocate school speed limit assembly on the east side south of NE 158 Street to the northeast corner of NE 157 Terrace (S4-3P, R2-1, S4-1P)	1	\$2,678.14	AS	\$2,678.14
	N/A	Install solar speed feedback sings (with slowdown message) 150 ft. north of NE 158 Street facing southbound and 150 ft. south of NE 155 Terrace facing northbound. Speed feedback signs should be activated only during arrival/dismissal periods.	2	\$5,000.00	AS	\$10,000.00
	700-20-40	Relocate "no left turn sign" on the northeast corner of NE 157 Terrace to the right of the sidewalk (R3-2, S4-1P)	1	\$161.26	AS	\$161.26
	522-1	Extend sidewalk on the northeast corner of NE 157 Terrace	14	\$37.41	SY	\$519.58
	711-17	Remove crosswalk on NE 157 Terrace - north side	350	\$2.50	SF	\$875.00
	711-11-123, 711-11-125	Install high emphasis crosswalks at NE 157 Terrace - south and east sides	76	\$10.22	LF	\$776.47
	711-11-123, 711-11-125	Install a high emphasis crosswalk at NE 156 Terrace - south side	31	\$10.22	LF	\$316.72
	711-11-123	Install crosswalks at NE 155 Terrace - west and east sides	100	\$3.58	LF	\$358.00
	527-1	Retrofit existing ramps at NE 155 Terrace - west and east sides	4	\$392.88	EA	\$1,571.52
	711-11-123	Install crosswalks at NE 155 Street - west and east sides	80	\$3.58	LF	\$286.40
	527-1	Retrofit existing ramps at NE 155 Street - west and east sides	4	\$392.88	EA	\$1,571.52
	522-1	Install sidewalk extension/ramp at NE 154 Street - southeast corner	6	\$37.41	SY	\$207.83
	711-11-123	Install crosswalks at NE 154 Street - west and east sides	87	\$3.58	LF	\$311.46
	527-1	Retrofit existing ramps at NE 154 Street - west and east sides	3	\$392.88	EA	\$1,178.64
	711-11-123	Install crosswalk at NE 153 Street - west side	41	\$3.58	LF	\$146.78
	527-1	Retrofit existing ramps at NE 153 Street - west side	2	\$392.88	EA	\$785.76
	711-11-123	Install crosswalk at NE 152 Street - west side	35	\$3.58	LF	\$125.30
	527-1	Retrofit existing ramps at NE 152 Street - west side	2	\$392.88	EA	\$785.76
	110 1 1	Clearing and grubbing for recommended improvements along NE 8 Avenue	0.005	\$20,579.79	AC	\$106.30
NE 10 Avenue	522-2	Install missing sidewalk between NE 155 Terrace and NE 156 Terrace - west side	14	\$38.99	SY	\$541.53
	110 1 1	Clearing and grubbing for recommended improvements along NE 10 Avenue	0.003	\$20,579.79	AC	\$59.06
NE 10 Court	711-11-123	Install crosswalks at NE 155 Street - north and south sides	63	\$3.58	LF	\$225.54
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 155 Street - north and south sides (S1-1, W16-7P)x2	2	\$257.50	AS	\$515.00
	522-1	Install sidewalk extension/ramp at NE 155 Street - north and south sides	28	\$37.41	SY	\$1,039.17
	527-1	Install detectable warning surfaces at NE 155 St	4	\$392.88	EA	\$1,571.52
	110 1 1	Clearing and grubbing for recommended improvements along NE 10 Court	0.006	\$20,579.79	AC	\$118.11

Oak Grove Elementary
Opinion of Probable Cost

Road Segments	Pay Item(s)	Recommended Improvements	Quantity	Unit Cost (\$)	Unit	Total
NE 9 Avenue (From NE 156 Terrace to NE 154 Street)	711-11-123	Install crosswalks at NE 156 Terrace - north, west, and east sides	100	\$3.58	LF	\$358.00
	700-20-11	Install fluorescent yellow green school crossing assembly at NE 156 Terrace - north side (S1-1, W16-7P)	1	\$257.50	AS	\$257.50
	527-1	Retrofit existing ramps at NE 156 Terrace - west and east sides	4	\$392.88	EA	\$1,571.52
	522-1	Install sidewalk extension/ramp at NE 156 Terrace - north of northwest corner	6	\$37.41	SY	\$207.83
	522-2	Install sidewalk between NE 155 Terrace and NE 155 Street - east side	69	\$38.99	SY	\$2,707.64
	522-1	Install sidewalk extension/ramps between NE 155 Terrace and NE 155 Street - east side	6	\$37.41	SY	\$207.83
	711-11-123	Install crosswalk at NE 155 Terrace - east side	30	\$3.58	LF	\$107.40
	711-11-123	Install crosswalk at NE 155 Street - east side	28	\$3.58	LF	\$100.24
	711-11-123	Install crosswalk at NE 154 Street - east side	38	\$3.58	LF	\$136.04
	522-1	Install sidewalk extension/ramp at NE 154 Street - east side	10	\$37.41	SY	\$374.10
	527-1	Install detectable warning surfaces for the above	6	\$392.88	EA	\$2,357.28
	110 1 1	Clearing and grubbing for recommended improvements along NE 9 Avenue	0.019	\$20,579.79	AC	\$385.04
NE 7 Avenue (From NE 166 Street to NE 159 Street)	522-2	Install sidewalk between NE 166 Street and NE 165 Street - west side (includes sidewalk extension/ramp at NE 165 Street - northwest corner)	74	\$38.99	SY	\$2,880.93
	711-11-123	Install crosswalk at NE 165 Street - west side	36	\$3.58	LF	\$128.88
	522-2	Install sidewalk between NE 165 Street and NE 164 Terrace - west side (includes sidewalk extension/ramps at NE 165 Street - southwest corner and at NE 164 Terrace - northwest corner)	126	\$38.99	SY	\$4,917.07
	711-11-123	Install crosswalk at NE 164 Terrace - west side	30	\$3.58	LF	\$107.40
	522-2	Install sidewalk between NE 164 Terrace and NE 164 Street - west side (includes sidewalk extension/ramps at NE 164 Terrace - southwest corner and at NE 164 Street - northwest corner)	128	\$38.99	SY	\$4,982.06
	711-11-123	Install crosswalk at NE 164 Street - west side	30	\$3.58	LF	\$107.40
	522-2	Install sidewalk between NE 164 Street and NE 163 Street - west side (includes sidewalk extension/ramps at NE 164 Street - southwest corner and at NE 163 Street - northwest corner)	133	\$38.99	SY	\$5,198.67
	711-11-123	Install crosswalk at NE 163 Street - west side	46	\$3.58	LF	\$164.68
	522-2	Install sidewalk between NE 163 Street and NE 162 Street - west side (includes sidewalk extension/ramps at NE 163 Street - southwest corner and at NE 162 Street - northwest corner)	128	\$38.99	SY	\$4,982.06
	711-11-123	Install crosswalk at NE 162 Street - west side	33	\$3.58	LF	\$118.14
	522-2	Install sidewalk between NE 162 Street and NE 161 Street - west side (includes sidewalk extension/ramps at NE 162 Street - southwest corner and at NE 161 Street - northwest corner)	67	\$38.99	SY	\$2,599.33
	711-11-123	Install crosswalk at NE 161 Street - west side	30	\$3.58	LF	\$107.40
	522-2	Install sidewalk between NE 161 Street and NE 160 Terrace - west side (includes sidewalk extension/ramps at NE 161 Street - southwest corner and at NE 160 Terrace - northwest corner)	128	\$38.99	SY	\$4,982.06
	711-11-123	Install crosswalk at NE 160 Terrace - west side	35	\$3.58	LF	\$125.30
	522-2	Install sidewalk between NE 160 Terrace and NE 160 Street - west side (includes sidewalk extension/ramps at NE 160 Terrace - southwest corner and at NE 160 Street - northwest corner)	125	\$38.99	SY	\$4,873.75
	711-11-123	Install crosswalk at NE 160 Street - west side	50	\$3.58	LF	\$179.00
	522-2	Install sidewalk between NE 160 Street and NE 159 Street - west side (includes sidewalk extension/ramp at NE 160 Street - southwest corner)	122	\$38.99	SY	\$4,765.44
	711-11-123, 711-11-125	Install high emphasis crosswalk at NE 159 Street - north side	30	\$10.22	LF	\$306.50
	527-1	Install detectable warning surfaces between NE 159 St and NE 166 St	8	\$392.88	EA	\$3,143.04
	110 1 1	Clearing and grubbing for recommended improvements along NE 7 Avenue	0.213	\$20,579.79	AC	\$4,381.93
Within school zone	MDC PW	Replace existing school speed zone signs with fluorescent yellow green signs	10	\$150.00	AS	\$1,500.00
Construction Cost						\$111,575.10
Maintenance of Traffic (10%)						\$11,157.51
Mobilization (10%)						\$11,157.51
Sub Total						\$133,890.13
Contingency (15%)						\$20,083.52
Total Construction Cost						\$153,973.64
PE (15%)						\$23,096.05
CEI (15%)						\$23,096.05
Grand Total						\$200,165.74

APPENDIX F

FDOT Grant Application Guidelines



Instructions for Florida's SRTS Infrastructure Application 2011-2012 Call for Applications For anticipated funds through FFY 2017



Important Dates for this Cycle

- | | |
|--|-------------------|
| • Call for Applications opens | November 30, 2011 |
| • Deadline for submission of Applications to Districts | March 31, 2012 |
| • Notification of selection | by November, 2012 |

Notes

- Florida's Safe Routes to School (SRTS) Program, administered by the Florida Department of Transportation (FDOT), is a competitive program designed to make it easier and safer for Florida's children in grades K-8 to walk or bicycle to and from public and private schools.
- The Infrastructure Application was designed to help FDOT learn as much about your current situation and proposed project as possible. Answer all sections completely and concisely.
- These Instructions summarize some of the main things you will need to know before applying. However, for complete information before filling out your application, you should read the current Safe Routes to School Guidelines posted on our website: www.srtsfl.org (click on Safe Routes to School to be directed to the website). The Guidelines are updated at least once a year, before each Call for Applications, and may be updated more often as needed.
- Our website identifies your District Safe Routes to School contacts, who are available to help you in the application process. Please contact your District SRTS contact to make sure they are accepting applications during this Call for Applications. If a District has received enough viable applications in a previous cycle, they may opt out of a cycle.
- Start early and plan ahead. Planning requirements include:
 - School-based planning, using the Florida Safe Ways to School Toolkit available from <http://www.hhp.ufl.edu/safety/safe-ways.shtml>, or a similar process. Applicants are required to form a School-based SRTS Committee which has met at least three times before their application is submitted, and to report in the application the names, titles and E's represented by each member of the Committee, as well as what has been discussed at each meeting.
 - Conducting an In-Class Student Travel Tally using the methods described under Evaluation at: <http://www.saferoutesinfo.org/data-central/data-collection-forms>, at least 6-8 weeks before the application deadline (if you want the National Center for SRTS to input your data), and including the Travel Tally summary report available from the National Center for SRTS, as an attachment to your application.
- Proposed projects must be within the school's attendance area and within a two-mile radius from the school, on existing public right of way. Preference will be given to projects which begin closest to the school.
- In most FDOT Districts, infrastructure projects are constructed using the Local Agency Program (LAP) process, under which a local government designs and/or constructs the project according to federal and state standards, and is then reimbursed. For more information, contact your District Safety Engineer and see: http://www.dot.state.fl.us/projectmanagementoffice/LAP/LAP_TOC.shtml.
- Infrastructure projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria established in the Plans Preparation Manual (PPM) and the FDOT design standards. Projects on local systems must meet the minimum standards and criteria provided in the Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Greenbook). These documents can be found on FDOT's web site at: <http://www.dot.state.fl.us/rddesign/CS/CS.shtml>.
- Completed applications should be sent to the District Safe Routes to School Infrastructure Contacts for review and ranking. Projects recommended by the Districts are forwarded to the State SRTS Coordinator for additional review and comments. After this process is completed, additional information may be requested of the Applicant.
- This Call for Applications is for anticipated funds through Fiscal Year 2017. Funding is contingent on additional extensions of the federal Transportation Bill SAFETEA-LU or renewal of the SRTS Program in the next federal Transportation Bill. While not guaranteed, we expect the program to continue to be eligible for transportation funding.
- Applicants are limited to five Infrastructure Applications per Call for Applications, unless their District Safety Engineer grants approval for more. This will generally only be approved in Districts which include just a few counties and therefore have a limited number of eligible Applicants. If submitting more than one Infrastructure Application, the Applicant is required to include in their cover letter a priority list of their proposed Infrastructure projects.

Application Guidance

1. The Infrastructure Application was created in Microsoft Word and designed to be filled in electronically. Answer blocks will expand as needed. Please answer all questions completely but concisely.
2. Applications are limited to 25 pages, including all attachments. The original color Application must be submitted to your District Safety Engineer (DSE) by the deadline listed.
3. Since recommended projects will be forwarded to the State SRTS Coordinator for additional review, please also e-mail an electronic version of each application including all attachments to the District Safety Engineer, or mail the DSE a CD with this information. Please include a scanned copy of page 1 with all the signatures (in color if possible).
4. You are now required to include color digital photographs showing existing conditions. Please label the location and direction on each photograph, and draw in the planned improvements. This helps reviewers more accurately locate and understand the problems and solutions indicated in the Application and traditional or aerial maps.
5. Applicants should be able to obtain the required maps by working with the Maintaining Agency and/or the School Board, or by using public mapping software. In the coming months, FDOT may be able to supply base maps of the roads and public schools in Florida to help with these maps.

Maps and/or aerial photographs may be 8 ½" x 11" or 11" x 17", and must: a) be in color, b) include a legend and scale, c) identify the affected school(s), d) identify the names of the main streets and neighborhoods shown, especially near the schools, e) identify the names of the streets where the proposed project will be, f) show existing conditions such as sidewalks, bike facilities, crosswalks, school zones, crossing guards and traffic engineering, g) show proposed projects, and h) show some of the same streets on each map so the reviewer can see how the maps relate to each other. An adopted school walking map is a helpful addition if one is available. A total of three color maps are now required (include more if needed):

- a traditional or aerial map or photograph showing the 2-mile radius around the benefitting school(s), the school attendance area(s) and (if possible), where current students live (scale: 1:24,000),
- an aerial map showing a 1-mile radius around the school(s), so reviewers can see the urban form near the school(s) (scale 1:12,000), and
- a map showing the proposed project area with the existing conditions and proposed project drawn in (scale approximately 1:6,000 or whatever scale best illustrates the proposed project).

Application Check List (Do not include this with your application, but keep for your records)

Your completed application must include:

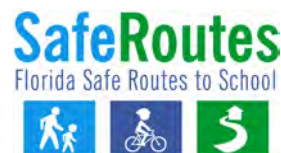
- ☐ A cover letter or letter of introduction, including information on the contact person
- ☐ Your application fully completed and signed by the Applicant, Maintaining Agency, and MPO/TPO if applicable
- ☐ Color digital photographs showing existing conditions, clearly labeled, and with planned improvements drawn in.
- ☐ Color maps and/or aerial photographs:
 - ☐ a traditional or aerial map or photograph showing the 2-mile radius around the benefitting school(s), the school attendance area(s) and (if possible), where current students live (scale: 1:24,000),
 - ☐ an aerial map showing a 1-mile radius around the school(s), so reviewers can see the urban form near the school(s) (scale 1:12,000), and
 - ☐ a map showing the proposed project area with the existing conditions and proposed project drawn in (scale approximately 1:6,000 or whatever scale best illustrates the proposed project).

These optional attachments will give the reviewers more information to help evaluate your proposal:

- ☐ Adopted school walking map
- ☐ Map showing where children attending the school live
- ☐ Detailed pedestrian, bicycle and/or motor vehicle crash data summaries **for the area within two miles of the school**. Your FDOT District Safety Engineer and/or local law enforcement agency may be able to help you with this.
- ☐ Any traffic, engineering or consultant reports evaluating school area problems and proposed solutions
- ☐ Up to 6 letters of support, on official letterhead, from Neighborhood Associations in affected neighborhoods, PTA/PTO's, schools and other community support agencies or organizations. These letters should be unique and explain why and how the groups or individuals can support the proposed Infrastructure project as well as Non-Infrastructure SRTS programs at the affected school.



Florida's Safe Routes to School
Infrastructure Application
2011-2012 Call for Applications
For anticipated funds through FFY 2017
Note: fields will expand as needed



www.srtsfl.org

FDOT FORM # 500-000-30

Section 1 – School, Applicant & Maintaining Agency Information

Notes: Signatures confirm the commitment of the Applicant and Maintaining Agency to follow the Guidelines of the Federal Highway Administration and Florida's Safe Routes to School Program. The Maintaining Agency is generally responsible for entering into a Local Agency Program (LAP) agreement with the FDOT to design, construct, &/or maintain the project. Districts have the option to design and/or construct it, but the Maintaining Agency is always responsible for maintaining the project. Check with your District to see how they are handling these issues.

County: _____ City: _____

School Name: _____ Congressional District: _____

Type: Elementary: ☐ Middle: ☐ Other, serving K-8 students: ☐

Check below which of the required agencies or organizations is the Applicant:

School Board: ☐ Private School: ☐ Community Traffic Safety Team (CTST): ☐

Name of Applicant Agency/Organization: _____

Contact Person: _____ Title: _____

Mailing Address: _____

City: _____ State: **Florida** Zip: _____

Daytime Phone: _____ E-mail: _____

Signature: _____ Date: _____

Signature of School Board or school representative required when different from applicant:

Signature: _____ Date: _____

Typed name: _____ Title: _____

Check below which of the required agencies is the Maintaining Agency:

City: ☐ County: ☐ Florida Department of Transportation: ☐ District: _____

Name of Maintaining Agency: _____ DUNS Number: _____

Contact Person: _____ Title: _____

Mailing Address: _____

Daytime Phone: _____ E-mail: _____

City: _____ State: **Florida** Zip: _____

Note: your signature below indicates your agency's willingness to enter into a LAP or other formal agreement with FDOT to complete the project if selected for funding.

Signature: _____ Date: _____

MPO Support: If the city or county is located within an MPO urban area boundary, the MPO representative must fill in the required information below, to indicate support for the proposed project:

Name of MPO: _____

Contact Person: _____ Title: _____

Mailing Address: _____

City: _____ State: **Florida** Zip: _____

Daytime Phone: _____ E-mail: _____

Signature: _____ Date: _____

Designated Contact: Check below the primary contact (the one the District should coordinate with):

Applicant: ☐ Maintaining Agency: ☐ MPO: ☐

Section 2 – Eligibility and Feasibility Criteria

Notes: This section will help FDOT determine the eligibility and feasibility of the proposed project. Except for the questions in A & B, answering "No" does not constitute elimination from project consideration.

A1. Has a school-based SRTS Committee (including school representation) been formed? ☐ Yes ☐ No

A2. Have at least three meetings of this committee been held? ☐ Yes ☐ No

See Guidelines and Section 3A of this application. **If you answer No to either, you must fulfill these requirements before applying!**

B1. Has a required [Student In-Class Travel Tally](http://www.saferoutesinfo.org/resources/index.cfm) been completed using the form and process of the National Center for Safe Routes to School: <http://www.saferoutesinfo.org/resources/index.cfm>? ☐ Yes ☐ No

B2. Has the Travel Tally information been entered into the National Center's database or sent to them 6 weeks before applying, so they can enter it and you can print their data summary? ☐ Yes ☐ No

B3. Have you attached the National Center's data summary for the Travel Tally to this application? ☐ Yes ☐ No

See Guidelines and Student Data portion of Section 5. **If you answer No to any of questions 2A-2C, you must fulfill these requirements before applying!**

B4. If the project is funded, does the school agree to provide required data before and after the project is built, using the student travel and parent survey forms developed by the National Center for Safe Routes to School: <http://www.saferoutesinfo.org/resources/index.cfm>, and following the schedule provided by the District? ☐ Yes ☐ No

See Guidelines. **If you do not agree to requirement 2D, you may not apply!**

Note that project planning cannot go forward until public right of way or permanent public access to the land for the proposed project is documented to the District.

C. Does sufficient public right of way exist to support or build this project? ☐ Yes ☐ No

- If **Yes**:

- o Are you prepared to show the District your documentation when requested? ☐ Yes ☐ No

- o How is the right of way documented?

- o Describe the length, width, condition and ownership of the right of way:

- If **No**:

- o Is acquisition or dedication of a permanent public access planned? ☐ Yes ☐ No

- o Explain these plans, including the time frame involved.

D. Is the Maintaining Agency Local Agency Program (LAP) Certified? (i.e., currently qualified and willing to enter into a State agreement requiring the agency to design, construct, and/or maintain the project, abiding by Federal, State, and local requirements?) ☐ Yes ☐ No

- If **No**:

- o Are they willing to become LAP Certified? ☐ Yes ☐ No

- o If the agency is not willing to become LAP Certified, explain how this project could be built without this certification:

E. Who do you propose to be responsible for each phase of the project?

Design: ☐ City ☐ County ☐ Other, Including FDOT (Explain below)Construction: ☐ City ☐ County ☐ Other, Including FDOT (Explain below)Maintenance: ☐ City ☐ County ☐ Other, Including FDOT (Explain below)

If you checked **Other, including FDOT** for any of the above, please explain the responsible party for each phase, including who you have been talking to about this:

F. Is the County/City/MPO willing to enter into an agreement with FDOT to do the following, if the District decides this is the best way to get the project completed:

- Install and/or maintain any traffic engineering equipment included in this project? ☐ Yes ☐ No
- Construct and maintain the project on a state road? ☐ Yes ☐ No ☐ N/A

G. Does the proposed project have public support?

☐ Yes ☐ No

- If **Yes**, explain your public information or public involvement process below. You may attach up to **six unique** letters, on official letterhead, from the types of individuals or groups indicated below. You may send a letter with **multiple signatures** as one of your letters. Please do not send form letters which do not provide any additional information or value. The letters should indicate **why** and **how** the authors can support the proposed Infrastructure project as well as Non-Infrastructure SRTS programs at the affected school.
 - o What neighborhood association or other neighborhood meetings have been held to inform neighbors directly affected by this proposed project? What has been the reaction of the attendees? You may attach letters from the leadership of affected Neighborhood Associations.
 - o What PTA/PTO meetings or other school meetings have been held to inform parents and school staff about this project? What has been the reaction of the attendees? You may attach letters from PTA/PTO leadership, school principals or other school personnel from affected schools.
 - o Explain what other public meetings have been held, such as Metropolitan Planning Organizations, Regional Planning Councils, Citizens' Advisory Committees, Bicycle/Pedestrian Advisory Councils and Community Traffic Safety Teams. What has been the reaction of the attendees? You may attach letters from the leadership of these groups.
 - o Explain what articles or letters to the editor have been written for newspapers, etc. What has been the reaction of affected members of the public?
 - o Please indicate whether you have attached letters of support from Law Enforcement or other individuals or groups not previously mentioned: ☐ Yes ☐ No
- If **No**:
 - o Explain what your public information or public involvement process will be, your proposed timeline and how you propose to gain public support before this project is designed or built:

Section 3 – Project Summary

Note: Please describe below what this project entails, including:

- What type of project this is (sidewalk or other construction project)
- What traffic engineering improvements are included
- How close the project is to the affected school(s)
- Any other relevant information which will help us to get a snapshot of this project
- Remember to attach your required maps which clearly show the current conditions and the proposed location for this project.

Project Summary:

Section 4A – Background Information: Planning

Notes: You are required to form a school-based SRTS Committee which has met at least three times to do comprehensive, 5E SRTS planning, before you submit this application. We recommend that you use the Safe Ways to School (SWTS) Tool Kit: http://www.dcp.ufl.edu/centers/trafficSafetyEd/html_safe-ways.html or a similar planning process. However, instead of the forms in the Toolkit, please use the national data collection forms from <http://www.saferoutesinfo.org/resources/index.cfm>. For more information on the E's, see Florida's SRTS Guidelines and the SRTS Guide: <http://www.saferoutesinfo.org/guide/>. Tell us below about the planning process you used.

A. What school-based planning process has your school used to develop its proposals?

☐ Safe Ways to School Toolkit ☐ Similar process ☐ Different process

Explain your planning process and how comprehensive it was:

B. Discuss any additional planning process which has been completed for this school (for example, a consultant's review, traffic study or governmental review):

C. Has your school-based SRTS Committee met at least three times? ☐ Yes ☐ No

If your answer to C is No, you must form a school-based SRTS Committee and meet at least three times, before you submit this application to your District.

If your answer to C is Yes, list below the date(s) of your meeting(s), and the E's or other general topics discussed or decided on at each. Save specifics about the 5E's for the next section.

Date of 1 st meeting:	E's or Topics discussed:
Date of 2 nd meeting:	E's or Topics discussed:
Date of 3 rd meeting:	E's or Topics discussed:
Date of 4 th meeting:	E's or Topics discussed:
Date of 5 th meeting:	E's or Topics discussed:
Date of 6 th meeting:	E's or Topics discussed:

If the Committee has met more than 6 times, list the dates and what was covered at additional meetings:

D. List below members of your school-based SRTS Committee, their titles & which E they represent

Name:	Title:	E Represented:
Name:	Title:	E Represented:
Name:	Title:	E Represented:
Name:	Title:	E Represented:
Name:	Title:	E Represented:
Name:	Title:	E Represented:
Name:	Title:	E Represented:
Name:	Title:	E Represented:
Name:	Title:	E Represented:
Name:	Title:	E Represented:

If you have more than ten members, list any additional members, their titles and which E's they represent:

E. If the proposed project has been identified as a priority in a Bicycle/Pedestrian or other Plan, or is a missing link in a pedestrian or bicycle system, please explain:

Section 4B – Background Information: Five E's

Notes: SRTS is designed to be a comprehensive program, encompassing the Five E's listed below. Describe what efforts your school and the community has made to address the identified problem through each E so far, and what is planned in the future for each. Each box must be filled in. For more information on the E's, see Florida's SRTS Guidelines and the SRTS Guide: <http://www.saferoutesinfo.org/guide/>

A. Engineering

A1. Past:

A2. Future:

B. Education: If your school has taught or plans to teach the Florida Traffic and Bicycle Safety Education Program (FTBSEP; see: <http://www.dcp.ufl.edu/centers/trafficSafetyEd/>) or other education program, please provide details below.

B1. Past:

B2. Future:

C. Encouragement

C1. Past:

C2. Future:

D. Enforcement

D1. Past:

D2. Future:

E. Evaluation

E1. Past:

E2. Future:

Section 5 – Problem Identification

Notes: This section will help us understand your school's situation. If the proposed project includes more than one school, please give the requested information for each school. To ensure a successful SRTS project, we would expect applicants to answer Yes to A, B or both.

A. Are many children already walking or bicycling to this school in less than ideal conditions? ☐ Yes ☐ No

If **Yes**:

- Explain more about the number of children affected:
- Explain more about the conditions and obstacles which prevent children from walking or bicycling to your school:

B. Are enough students living near the school to allow many children to walk or bike to school if conditions were improved? ☐ Yes ☐ No

If **Yes**:

- Explain more about the number of children living near the school and how this relates to the anticipated success of the proposed SRTS project:

C. Write a brief history of the neighborhood traffic issues as background for the proposed project:

D. How do the demographics of the school population relate to the anticipated success of the proposed SRTS project? For instance, is there a population of students near the school from a culture which traditionally walks a lot?

E. Provide the percent of free or reduced lunch program at the affected school:

F. Explain the availability of parents or other volunteers to help with SRTS programs, or any other information which will help ensure the success of SRTS programs at the affected school:

G. Provide any additional demographic information that helps describe the students or parents at the affected school:

Section 6 – Current Conditions

A. LOCATION *Notes: the entire proposed project must be within 2 miles of the school and in the attendance area for the affected schools. You must attach maps illustrating the area. If you have more than two project locations, add an attachment and check the attachment box.*

Request #1 St. Name: _____ Maintaining Agency: ☐ City ☐ County ☐ State

From: _____ To: _____

Project's closest point to school: ☐ 0 to ½ mile; ☐ ½ to 1 mile; ☐ 1 to 1 ½ miles; ☐ 1 ½ miles+

Request #2 St. Name: _____ Maintaining Agency: ☐ City ☐ County ☐ State

From: _____ To: _____

Project's closest point to school: ☐ 0 to ½ mile; ☐ ½ to 1 mile; ☐ 1 to 1 ½ miles; ☐ 1 ½ miles+

See Attachment for additional project sites: ☐

Discuss the projects' proximity (within 2 miles) to other facilities which might also benefit from the project, such as other schools or colleges, parks, playgrounds, libraries, or other pedestrian destinations:

B. ROADWAY CHARACTERISTICS

Roadway Type: ☐ Urban (curb & gutter) ☐ Rural

Shoulder Type: ☐ Grass ☐ Paved ☐ Curb

Shoulder Grade: ☐ Flat ☐ Steep-Up ☐ Steep-Down

Drainage: ☐ Swale ☐ Concrete Ditch ☐ Curb/Gutter

Status of walking surface: ☐ No walking surface, paved or unpaved ☐ Unpaved surface
☐ Paved surface with gaps ☐ Continuous paved sidewalks

Describe the status of the current walking surface, or other existing facilities or signs and markings which affect this project (bike lanes, multi-use paths, school zone signs & markings, marked crosswalks, bike parking, etc):

C. TRAFFIC CONTROLS

Mark all that apply in regard to traffic control devices: ☐ We have all necessary traffic control devices (**Stop here**);
OR

☐ We need pedestrian signals (features) ☐ We need other school-related signals
☐ We need traffic signs ☐ We need other school-related signs
☐ We need marked crosswalks ☐ We need other roadway markings

Describe the existing and needed traffic controls:

D. TRAFFIC DATA *Notes: Posted Speed Limit is required. Provide other information if you can get it.*
AADT stands for Average Annual Daily Traffic

St 1: Posted Speed Limit:

Operating Speed:

AADT:

St 2: Posted Speed Limit:

Operating Speed:

AADT:

E. STUDENT TRAVEL DATA *Notes: You are required to conduct a [Student In-Class Travel Tally](http://www.saferoutesinfo.org/resources/index.cfm) using these Evaluation methods: <http://www.saferoutesinfo.org/resources/index.cfm>, before submitting this application, and report the results to the National Center for SRTS. You are also required to report the other school travel data requested below.*

1. School data: based on the [Student In-Class Travel Tally](http://www.saferoutesinfo.org/resources/index.cfm):

- Number of students currently walking to school:
- Number of students currently biking to school:
- Total currently walking or biking to school (add a & b)
- Number of K to 8th graders in this school:
- Percent of children in school currently walking or biking to school: (c divided by d):

2. Route Data:

- Number of K to 8th graders from the affected schools living along the proposed route:
Based on (mark all that apply): *Existing School Data: ☐ *Visual Observation Survey: ☐ *Estimates: ☐
- Number of children currently walking or biking along this route:
- Number of children who could walk or bike along the proposed route after improvements (count only those living along the route or within a few blocks of the proposed route):

Section 7 – Specific Infrastructure Improvement(s) Requested

A. LOCATION *Notes: Explain in the sections below, which treatments are needed for which street. If you have more than two project locations, add an attachment and check the attachment box.*

Request #1 St. Name:

From:

To:

Request #2 St. Name:

From:

To:

See Attachment for additional project sites: ☐**B1. SIDEWALK, BIKE LANE, PAVED SHOULDER, OR SHARED USE PATH**☐ Continuation of Existing Sidewalk☐ New Sidewalk☐ Continuation of Existing Bike Lane☐ New Bike Lane (includes re-striping or reconstruction)☐ Continuation of Paved Shoulder☐ New Paved Shoulder☐ Continuation of Shared Use Path☐ New Shared Use Path

Describe below your requests in detail, including location, length, side of road, etc.

Request #1:

Request #2:

See Attachment for additional project sites: ☐**B2. TRAFFIC CONTROL (signs, signals, crosswalks, school zone signs, roadway markings, etc.)**☐ Within school zone or school area☐ Outside of school zone or school area

Is your Traffic Control request based on a Traffic or Engineering Study?

☐ Yes☐ No

Describe your requested traffic control changes (signs, signals, roadway markings, crosswalks, school zones, etc.)

Request #1:

Request #2:

See Attachment for additional project sites: ☐**B3. OTHER REQUESTS (describe the location & project characteristics of other requests such as bike parking, traffic calming, or other improvements not listed above)**

- Bike parking: include the current and potential numbers of K-8 students who could use the facilities:
- Traffic calming: describe the relevance of the request to school safety, traffic speed, whether a speed study has been done and your efforts to work with law enforcement and the community to solve the speeding problems:
- Describe any other requests:

B4. OTHER INFORMATION Describe below other relevant information that you believe further supports funding

1. Opportunity to resolve a documented hazardous walking condition and eliminate the resultant school busing. Include a discussion of public support for the project if busing were eliminated:

2. Opportunity to eliminate current courtesy busing being done for a perceived hazardous condition. Include a discussion of public support for the project if busing were eliminated:

3. Alternative solutions that were considered and rejected, including the reasons for rejecting these options:

4. Alternative solutions which should be further explored before deciding on a final solution, including reasons for considering:

Section 8 A– Cost Estimate

Notes: This Cost Estimate is designed to give FDOT a reasonable estimate of the cost of your proposed project. It is important to make this cost estimate as accurate as possible.

- This FDOT Transportation Costs website gives various resources, including FDOT District contacts in the Estimates Offices, who can help you with your cost estimate: <http://www.dot.state.fl.us/planning/policy/costs/default.shtm>.
- Some Districts may choose to do the design work themselves or ask the local agencies to use their own resources to design low cost projects. Contact your District Safety Engineer to find out how your District handles this issue.
- If your project is seriously considered for funding, your District may prepare a detailed cost estimate, which may be different from the one you submit. However, some Districts fund projects according to the Cost Estimate listed here, and the Applicant and/or Maintaining Agency are responsible for any difference in cost. Contact your District Safety Engineer if you have any questions.
- Infrastructure projects must follow appropriate design criteria. Projects on the State Highway System must follow the criteria established in the Plans Preparation Manual (PPM) and the FDOT design standards. Projects on local systems must meet the minimum standards and criteria provided in the Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (Florida Greenbook). These documents can be found on FDOT's web site at: <http://www.dot.state.fl.us/rddesign/CS/CS.shtm>.

Construction Cost	
Maintenance of Traffic (MOT)	
Mobilization	
Subtotal	
Contingency (15% of Subtotal)	
Total Construction Cost	
Professional Engineering Design (15% of Total)	
Construction Engineering and Inspection (CEI) (15% of Total)	
Grand Total	

Section 8 B– Cost Estimate Narrative

1. Who did the Cost Estimate?
2. What experience he or she has had in Cost Estimating:
3. How did they arrive at the estimated amounts above?
4. I have attached a breakdown of the construction costs by pay item: ☐ Yes ☐ No

If **Yes**, explain any discrepancies in the two cost estimating methods: