

Hazardous Walking Conditions

2018-19 Site Review in Accordance with Section 1006.23 FS

FDOE Station ID: 110010



Prepared for:

**Lake County BCC — Public Works Department
Lake-Sumter MPO
Umatilla Police Department**

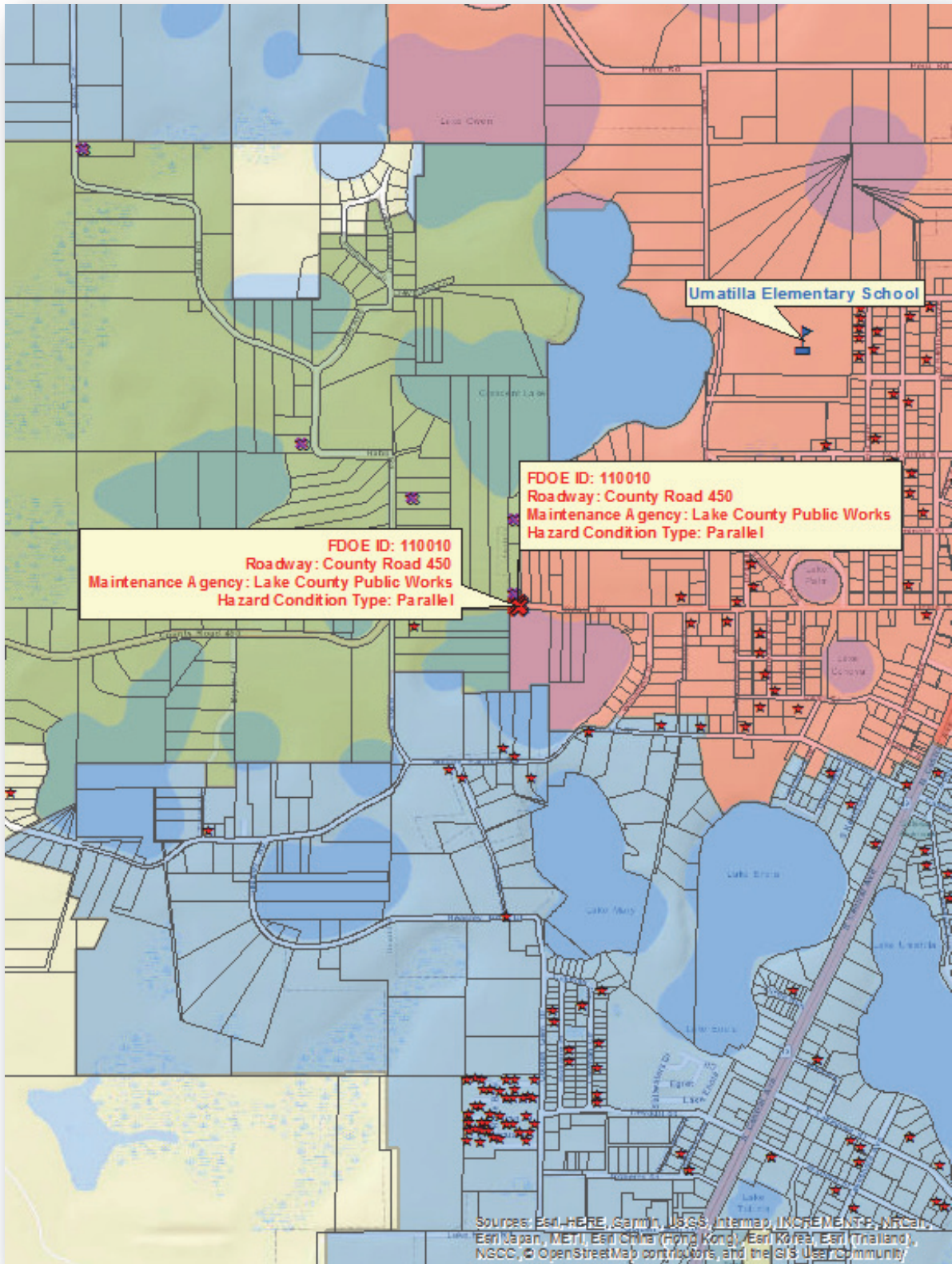
Prepared by:

**William C. "Will" Davis, GISP
Manager, Geographic Information Systems**



August 21, 2018









General Overview



Detailed Hazardous View



Legend

	Impacted Students (March 12th, 2018)	Elementary 2-Mile Walk Zone Status
	All Elementary Students (March 12th, 2018)	 LC SB Temporary Ridership Zone (1 to 2 Miles)
	Elementary School	 FDOE Submitted Hazardous Walking Condition
	Hazardous Walking Condition Locations	 Parent Responsibility Zone (PRZ)
	Tax Parcel Boundaries	



Hazardous Walking Site Review Checklist

(To assist in determining eligibility for school transportation based on hazardous walking conditions in accordance with section 1006.23, Florida Statutes)

Walkways Parallel To The Road

- | <u>YES</u> | <u>NO</u> | |
|------------|--------------|---|
| _____ | <u> X </u> | 1. Is the location in a residential area with little or no traffic? Is the location in a residential area and on a road or street that is not used as a major artery or cut-through? |
| _____ | <u> X </u> | 2. Is the location on a road where the traffic volume is fewer than 180 vehicles per direction per hour at 6:00 am - 9:00 am and 2:00 pm - 4:00 pm? Note: <i>If the traffic count during the times students must walk is <u>180 vehicles per hour or more, in either direction</u>, the answer to this question is "no."</i> |
| _____ | <u> X </u> | 3. Is the area located in a residential area and on a road that has a posted speed limit of 30 miles per hour or less? |

**If the answer to either 1., 2. or 3. is "YES," the area does not qualify as a hazardous walking location.
If the answers to 1., 2. and 3. are all "NO," continue to next question.**

If the posted speed limit is less than 50 mph:

- | | | |
|-------|--------------|--|
| _____ | <u> X </u> | 4. Is there an area at least four feet wide with a "surface upon which students may walk" that prevents the students from having to walk on the road? Note: <i>The surface does not have to be a sidewalk, but simply a surface upon which the students may walk. Weeds, tall grass or flooding may be temporary maintenance problems that do not constitute a hazardous walking area. A walking surface does not include drainage ditches, sluiceways, swales or channels. A paved area contiguous with the paved roadway or extended shoulder (also known as a "breakdown lane"), with no separation from the driving area or raised curb, is not a walkway.</i> |
|-------|--------------|--|

If the posted speed limit is 50 mph or greater:

- | | | |
|----------------|----------------|---|
| <u> N/A </u> | <u> N/A </u> | 5. Is the road uncurbed with a four-foot wide walking surface (as defined in 4. above) separated from the road by an additional three or more feet? |
| <u> N/A </u> | <u> N/A </u> | 6. Is the road curbed with at least a four-foot wide walking surface (as defined in 4. above)? |

If the answer to 4., 5. or 6. is "YES," the area does not qualify as a hazardous walking location.

Walkways Crossing Over The Road

(When students must cross the road)

A. For an “uncontrolled crossing site” (no crossing guard, traffic enforcement officer, stop sign or other traffic control signal present during student walk times):

YES

NO

N/A

N/A

1. Does the traffic volume exceed 360 vehicles per direction, per hour (either direction, including all lanes in each direction)?

N/A

N/A

2. Does the road have a posted speed limit of 50 MPH or greater?

N/A

N/A

3. Does the road have six or more lanes (not including turning lanes)?

If the answers to the above questions are “NO,” the area does not qualify as a hazardous walking location. If the answer to any of the above questions is “YES,” the area would qualify as a hazardous walking location.

B. For an intersection or crossing site controlled by a stop sign or other traffic control signal, but without crossing guards or traffic enforcement officers during the times students must walk:

N/A

N/A

1. Does the total traffic volume (total of both directions) exceed 4,000 vehicles per hour?

If the answer is “NO,” the area does not qualify as a hazardous walking location.

C. Any intersection or other crossing site with a crossing guard or other traffic enforcement officer does not qualify as a hazardous walking location, regardless of the posted speed limit.

D. Comments/Notes/Diagrams:

See attached materials.

Hazardous Walking Site Review - Documentation and Authorization

School District: Lake Site Review Date: 7/10/2018

Hazard Location: County Road 450 (West Ocala Street)

Hazard Location Is: Parallel to the road Traffic Count: 326 VPH (morning)

Crossing over the road Traffic Count: _____

Hazard Jurisdiction: Municipal (Identify: _____) County State

Permanent Hazard? Yes No If no, anticipated correction date: _____

School District Representative: William C. Davis, GISP

Print Name

Signature

Email: davisw@lake.k12.fl.us Phone: 352-253-6707

Roadway Jurisdiction Representative: Seth Lynch

Print Name

Signature

Agency/Entity: Lake County Public Works Title: Engineer III

Email: slynch@lakecountyfl.gov Phone: 352-253-9052

Law Enforcement Representative: _____

Print Name

Signature

Agency/Entity: Umatilla Police Department Title: _____

Email: _____ Phone: _____

Metropolitan Planning

Organization Representative: Michael F. Woods

(If applicable)

Print Name

Signature

Agency/Entity: Lake-Sumter MPO Title: Interim Executive Director

Email: mwoods@lakesumtermpo.com Phone: 352-315-0170

Assigned FDOE Hazardous Walking Database Location Code: 110010 Date Entered: N/A

Staff assigning and entering hazardous walking location into the database: William C. Davis

**Lake County Pubic Works
Annual Traffic Count Report for 2017
Traffic Station: #LC043**

Hourly Directional Summary

Hour	Volume		Total
	EB	WB	
0:00	6	3	9
1:00	1	3	4
2:00	1	3	4
3:00	2	2	4
4:00	8	3	11
5:00	30	14	44
6:00	74	47	121
7:00	121	88	209
8:00	98	68	166
9:00	95	66	161
10:00	67	66	133
11:00	86	65	151
12:00	61	80	141
13:00	74	68	142
14:00	82	78	160
15:00	90	127	217
16:00	75	124	199
17:00	127	121	248
18:00	86	98	184
19:00	49	72	121
20:00	40	59	99
21:00	22	31	53
22:00	9	19	28
23:00	2	6	8
Total	1,306	1,311	2,617

LC043 Summary

Date of Count	3/9/2017
Total Volume	2,617
EB Volume	1,306
WB Volume	1,311
Bi-direction PH Time	17:00
Bi-direction PH Volume	248
PM PH (3:00 PM - 7:00 PM)	17:00
PM PH Bi-direction Volume	248
EB PM PH Direction Volume	127
WB PM PH Direction Volume	121
Peak Direction	EB
% Change Daily from 2012	Calc in Sheet
"K" Factor	0.0948
"D" Factor (calculated)	0.51

Notes:

- PH (Peak Hour)
- K (Planning Analysis Factor)
- D (Directional Factor)

Hour	Volume		Total
	EB	WB	
15	1	1	2
30	2	0	2
45	0	0	0
100	3	2	5
115	0	0	0
130	0	1	1
145	1	0	1
200	0	2	2
215	0	1	1
230	0	1	1
245	1	1	2
300	0	0	0

Hourly Vols at 15 minute increments

	EB Volume	WB Volume	
9	0:00	6	3
7	0:15	5	2
6	0:30	3	3
7	0:45	4	3
4	1:00	1	3
5	1:15	1	4
5	1:30	1	4
6	1:45	1	5
4	2:00	1	3
5	2:15	1	4
5	2:30	2	3
4	2:45	2	2

**Lake County Pubic Works
Annual Traffic Count Report for 2017
Traffic Station: #LC043**

Hour	Volume		Total	Hourly Vols at 15 minute increments	EB Volume WB Volum		
	EB	WB			EB	WB	
315	0	2	2	4	3:00	2	2
330	1	0	1	2	3:15	2	0
345	1	0	1	5	3:30	5	0
400	0	0	0	9	3:45	6	3
415	0	0	0	11	4:00	8	3
430	4	0	4	15	4:15	10	5
445	2	3	5	19	4:30	10	9
500	2	0	2	25	4:45	15	10
515	2	2	4	44	5:00	30	14
530	4	4	8	55	5:15	38	17
545	7	4	11	71	5:30	48	23
600	17	4	21	93	5:45	60	33
615	10	5	15	121	6:00	74	47
630	14	10	24	166	6:15	102	64
645	19	14	33	210	6:30	124	86
700	31	18	49	210	6:45	122	88
715	38	22	60	209	7:00	121	88
730	36	32	68	192	7:15	110	82
745	17	16	33	164	7:30	94	70
800	30	18	48	165	7:45	101	64
815	27	16	43	166	8:00	98	68
830	20	20	40	172	8:15	104	68
845	24	10	34	172	8:30	106	66
900	27	22	49	172	8:45	100	72
915	33	16	49	161	9:00	95	66
930	22	18	40	152	9:15	76	76
945	18	16	34	140	9:30	74	66
1000	22	16	38	141	9:45	75	66
1015	14	26	40	133	10:00	67	66
1030	20	8	28	125	10:15	73	52
1045	19	16	35	131	10:30	71	60
1100	14	16	30	135	10:45	78	57
1115	20	12	32	151	11:00	86	65
1130	18	16	34	160	11:15	88	72
1145	26	13	39	154	11:30	80	74
1200	22	24	46	144	11:45	67	77
1215	22	19	41	141	12:00	61	80
1230	10	18	28	132	12:15	51	81
1245	13	16	29	143	12:30	64	79
1300	16	27	43	149	12:45	68	81
1315	12	20	32	142	13:00	74	68
1330	23	16	39	150	13:15	76	74
1345	17	18	35	149	13:30	79	70
1400	22	14	36	161	13:45	85	76
1415	14	26	40	160	14:00	82	78

**Lake County Pubic Works
Annual Traffic Count Report for 2017
Traffic Station: #LC043**

Hour	Volume		Total	Hourly Vols at 15 minute increments	EB Volume WB Volum		
	EB	WB			EB	WB	
1430	26	12	38	169	14:15	86	83
1445	23	24	47	185	14:30	82	103
1500	19	16	35	185	14:45	84	101
1515	18	31	49	217	15:00	90	127
1530	22	32	54	220	15:15	96	124
1545	25	22	47	214	15:30	86	128
1600	25	42	67	217	15:45	81	136
1615	24	28	52	199	16:00	75	124
1630	12	36	48	218	16:15	90	128
1645	20	30	50	235	16:30	112	123
1700	19	30	49	246	16:45	120	126
1715	39	32	71	248	17:00	127	121
1730	34	31	65	232	17:15	121	111
1745	28	33	61	216	17:30	111	105
1800	26	25	51	201	17:45	99	102
1815	33	22	55	184	18:00	86	98
1830	24	25	49	162	18:15	69	93
1845	16	30	46	150	18:30	64	86
1900	13	21	34	134	18:45	58	76
1915	16	17	33	121	19:00	49	72
1930	19	18	37	124	19:15	51	73
1945	10	20	30	113	19:30	40	73
2000	4	17	21	104	19:45	40	64
2015	18	18	36	99	20:00	40	59
2030	8	18	26	85	20:15	30	55
2045	10	11	21	71	20:30	29	42
2100	4	12	16	60	20:45	23	37
2115	8	14	22	53	21:00	22	31
2130	7	5	12	41	21:15	14	27
2145	4	6	10	33	21:30	9	24
2200	3	6	9	33	21:45	11	22
2215	0	10	10	28	22:00	9	19
2230	2	2	4	20	22:15	10	10
2245	6	4	10	20	22:30	9	11
2300	1	3	4	11	22:45	3	8
2315	1	1	2	8	23:00	2	6
2330	1	3	4		23:15	1	5
2345	0	1	1				
2400	0	1	1				

FDOE HWC# 110010



Hazardous Walking Condition ID: 110010

Field Inspection Photos



Photo No. 2: Date & Time: 2018:07:19 10:43:16 / Photo Direction of View: 272°



Photo No. 3: Date & Time: 2018:07:19 10:44:09 / Photo Direction of View: 74°

Hazardous Walking Condition ID: 110010
Field Inspection Photos -- Continued



Photo No. 5: Date & Time: 2018:07:19 10:44:33 / Photo Direction of View: 78°



Photo No. 6: Date & Time: 2018:07:19 10:45:17 / Photo Direction of View: 117°

FDOE HWC# 110010



Hazardous Walking Condition ID: 110010
Field Inspection Photos



Photo No. 2: Photo Direction of View: 127°



Photo No. 3: Photo Direction of View: 249°