

# Hazardous Walking Conditions

2018-19 Site Review in Accordance with Section 1006.23 FS

**FDOE Station ID: 110021**



Prepared for:

Lake County BCC — Public Works Department  
Lake-Sumter MPO  
Lake County Sheriff's Office

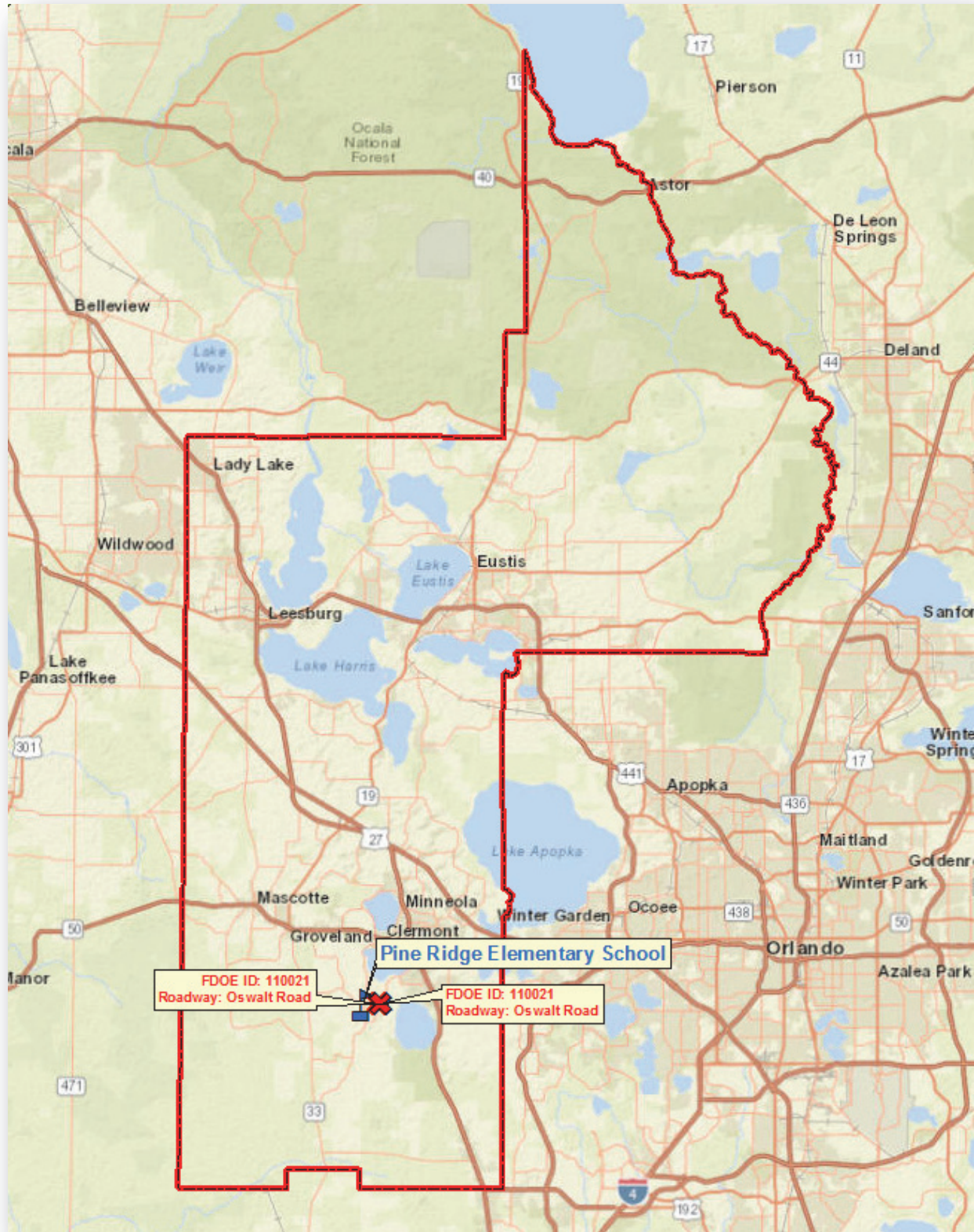
Prepared by:

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

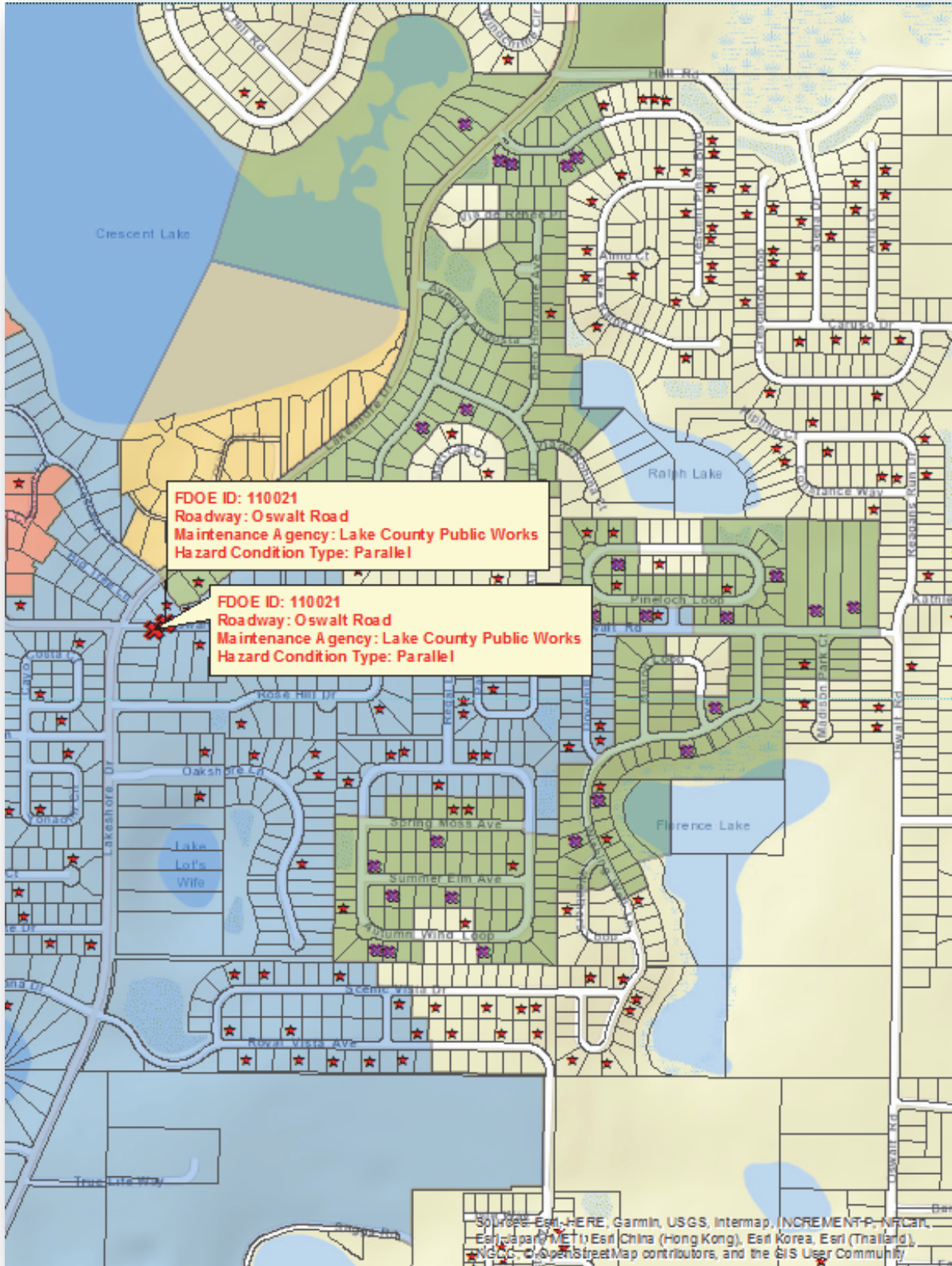


**August 21, 2018**

# FDOT HWC# 110021



# General Overview



# Detailed Hazardous View



**Legend**

<ul style="list-style-type: none"> <li> Impacted Students (March 12th, 2018)</li> <li> All Elementary Students (March 12th, 2018)</li> <li> Hazardous Walking Condition Locations</li> <li> Tax Parcel Boundaries</li> </ul>	<p><b>Elementary 2-Mile Walk Zone Status</b></p> <ul style="list-style-type: none"> <li> Non-Student Impact FDOE Hazardous Walking Condition</li> <li> LC SB Temporary Ridership Zone (1 to 2 Miles)</li> <li> FDOE Submitted Hazardous Walking Condition</li> <li> Parent Responsibility Zone (PRZ)</li> </ul>
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# 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? <b>Note:</b> <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? <b>Note:</b> <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 <b>not</b> 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: Oswalt Road just East of Lakeshore Drive

Hazard Location Is:  Parallel to the road Traffic Count: 283 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: Sgt. J.S. DeSantis (818)

*Print Name*

*Signature*

Agency/Entity: Lake County Sheriff's Office Title: T.E.U./SWAT

Email: Jeff.DeSantis@lcso.org Phone: 352-606-9722

## 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: 110021 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: #LC210**

**Hourly Directional Summary**

Hour	Volume		Total
	EB	WB	
0:00	18	25	43
1:00	5	17	22
2:00	3	7	10
3:00	13	6	19
4:00	28	6	34
5:00	103	13	116
6:00	221	31	252
7:00	274	53	327
8:00	221	108	329
9:00	144	70	214
10:00	110	77	187
11:00	123	93	216
12:00	141	88	229
13:00	116	96	212
14:00	138	124	262
15:00	112	171	283
16:00	168	188	356
17:00	160	253	413
18:00	126	205	331
19:00	78	150	228
20:00	72	148	220
21:00	36	97	133
22:00	18	59	77
23:00	12	45	57
<b>Total</b>	<b>2,440</b>	<b>2,130</b>	<b>4,570</b>

**LC210 Summary**

Date of Count	3/30/2017
Total Volume	4,570
EB Volume	2,440
WB Volume	2,130
Bi-direction PH Time	16:45
Bi-direction PH Volume	432
PM PH (3:00 PM - 7:00 PM)	16:45
PM PH Bi-direction Volume	432
EB PM PH Direction Volume	172
WB PM PH Direction Volume	260
Peak Direction	WB
% Change Daily from 2012	Calc in Sheet
"K" Factor	0.0945
"D" Factor (calculated)	0.60

*Notes:*

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

Hour	Volume		Total
	EB	WB	
15	5	7	12
30	3	4	7
45	7	6	13
100	3	8	11
115	2	8	10
130	2	2	4
145	1	2	3
200	0	5	5
215	1	0	1
230	1	3	4
245	0	4	4
300	1	0	1

Hourly Vols at 15 minute increments

	EB Volume	WB Volume	
43	0:00	18	25
41	0:15	15	26
38	0:30	14	24
28	0:45	8	20
22	1:00	5	17
13	1:15	4	9
13	1:30	3	10
14	1:45	2	12
10	2:00	3	7
15	2:15	6	9
18	2:30	10	8
17	2:45	12	5



**Lake County Pubic Works  
Annual Traffic Count Report for 2017  
Traffic Station: #LC210**

Hour	Volume		Total	Hourly Vols at 15 minute increments	EB Volume WB Volum		
	EB	WB			EB	WB	
315	4	2	6	19	3:00	13	6
330	5	2	7	20	3:15	14	6
345	2	1	3	19	3:30	15	4
400	2	1	3	25	3:45	22	3
415	5	2	7	34	4:00	28	6
430	6	0	6	57	4:15	47	10
445	9	0	9	75	4:30	61	14
500	8	4	12	92	4:45	77	15
515	24	6	30	116	5:00	103	13
530	20	4	24	126	5:15	116	10
545	25	1	26	162	5:30	152	10
600	34	2	36	212	5:45	191	21
615	37	3	40	252	6:00	221	31
630	56	4	60	280	6:15	242	38
645	64	12	76	286	6:30	240	46
700	64	12	76	292	6:45	246	46
715	58	10	68	327	7:00	274	53
730	54	12	66	361	7:15	292	69
745	70	12	82	380	7:30	283	97
800	92	19	111	372	7:45	265	107
815	76	26	102	329	8:00	221	108
830	45	40	85	301	8:15	196	105
845	52	22	74	272	8:30	185	87
900	48	20	68	239	8:45	165	74
915	51	23	74	214	9:00	144	70
930	34	22	56	178	9:15	119	59
945	32	9	41	166	9:30	111	55
1000	27	16	43	180	9:45	112	68
1015	26	12	38	187	10:00	110	77
1030	26	18	44	205	10:15	114	91
1045	33	22	55	203	10:30	114	89
1100	25	25	50	202	10:45	108	94
1115	30	26	56	216	11:00	123	93
1130	26	16	42	230	11:15	135	95
1145	27	27	54	242	11:30	147	95
1200	40	24	64	237	11:45	149	88
1215	42	28	70	229	12:00	141	88
1230	38	16	54	217	12:15	127	90
1245	29	20	49	221	12:30	123	98
1300	32	24	56	218	12:45	122	96
1315	28	30	58	212	13:00	116	96
1330	34	24	58	220	13:15	118	102
1345	28	18	46	220	13:30	120	100
1400	26	24	50	226	13:45	126	100
1415	30	36	66	262	14:00	138	124

**Lake County Pubic Works  
Annual Traffic Count Report for 2017  
Traffic Station: #LC210**

Hour	Volume		Total	Hourly Vols at 15 minute increments	EB Volume WB Volum		
	EB	WB			EB	WB	
1430	36	22	58	269	14:15	140	129
1445	34	18	52	288	14:30	131	157
1500	38	48	86	308	14:45	127	181
1515	32	41	73	283	15:00	112	171
1530	27	50	77	288	15:15	112	176
1545	30	42	72	294	15:30	127	167
1600	23	38	61	314	15:45	141	173
1615	32	46	78	356	16:00	168	188
1630	42	41	83	379	16:15	172	207
1645	44	48	92	408	16:30	164	244
1700	50	53	103	432	16:45	172	260
1715	36	65	101	413	17:00	160	253
1730	34	78	112	404	17:15	162	242
1745	52	64	116	372	17:30	156	216
1800	38	46	84	335	17:45	134	201
1815	38	54	92	331	18:00	126	205
1830	28	52	80	305	18:15	116	189
1845	30	49	79	275	18:30	104	171
1900	30	50	80	264	18:45	90	174
1915	28	38	66	228	19:00	78	150
1930	16	34	50	228	19:15	72	156
1945	16	52	68	232	19:30	68	164
2000	18	26	44	216	19:45	68	148
2015	22	44	66	220	20:00	72	148
2030	12	42	54	194	20:15	60	134
2045	16	36	52	171	20:30	53	118
2100	22	26	48	151	20:45	46	105
2115	10	30	40	133	21:00	36	97
2130	5	26	31	115	21:15	32	83
2145	9	23	32	103	21:30	32	71
2200	12	18	30	89	21:45	27	62
2215	6	16	22	77	22:00	18	59
2230	5	14	19	69	22:15	14	55
2245	4	14	18	61	22:30	11	50
2300	3	15	18	61	22:45	11	50
2315	2	12	14	57	23:00	12	45
2330	2	9	11		23:15	10	33
2345	4	14	18				
2400	4	10	14				

# FDOE HWC# 110021



**Hazardous Walking Condition ID: 110021**

**Field Inspection Photos**



Photo No. 2: Date & Time: 2018:07:18 10:04:12 / Photo Direction of View: 284°



Photo No. 3: Date & Time: 2018:07:18 10:04:46 / Photo Direction of View: 89°

**Hazardous Walking Condition ID: 110021**  
**Field Inspection Photos -- Continued**



Photo No. 5: Date & Time: 2018:07:18 10:05:28 / Photo Direction of View: 73°



Photo No. 6: Date & Time: 2018:07:18 10:05:44 / Photo Direction of View: 73°

# FDOE HWC# 110021



**Hazardous Walking Condition ID: 110021**  
**Field Inspection Photos**



**Photo No. 2: Photo Direction of View: 98°**



**Photo No. 3: Photo Direction of View: 130°**

**Hazardous Walking Condition ID: 110021**  
**Field Inspection Photos -- (Continued)**



**Photo No. 4: Photo Direction of View: 330°**



**Photo No. 5: Photo Direction of View: 305°**