

# Hazardous Walking Conditions

2018-19 Site Review in Accordance with Section 1006.23 FS

**FDOE Station ID: 110025**



Prepared for:

Lake County BCC — Public Works Department  
Lake-Sumter MPO  
Mount Dora Police Department

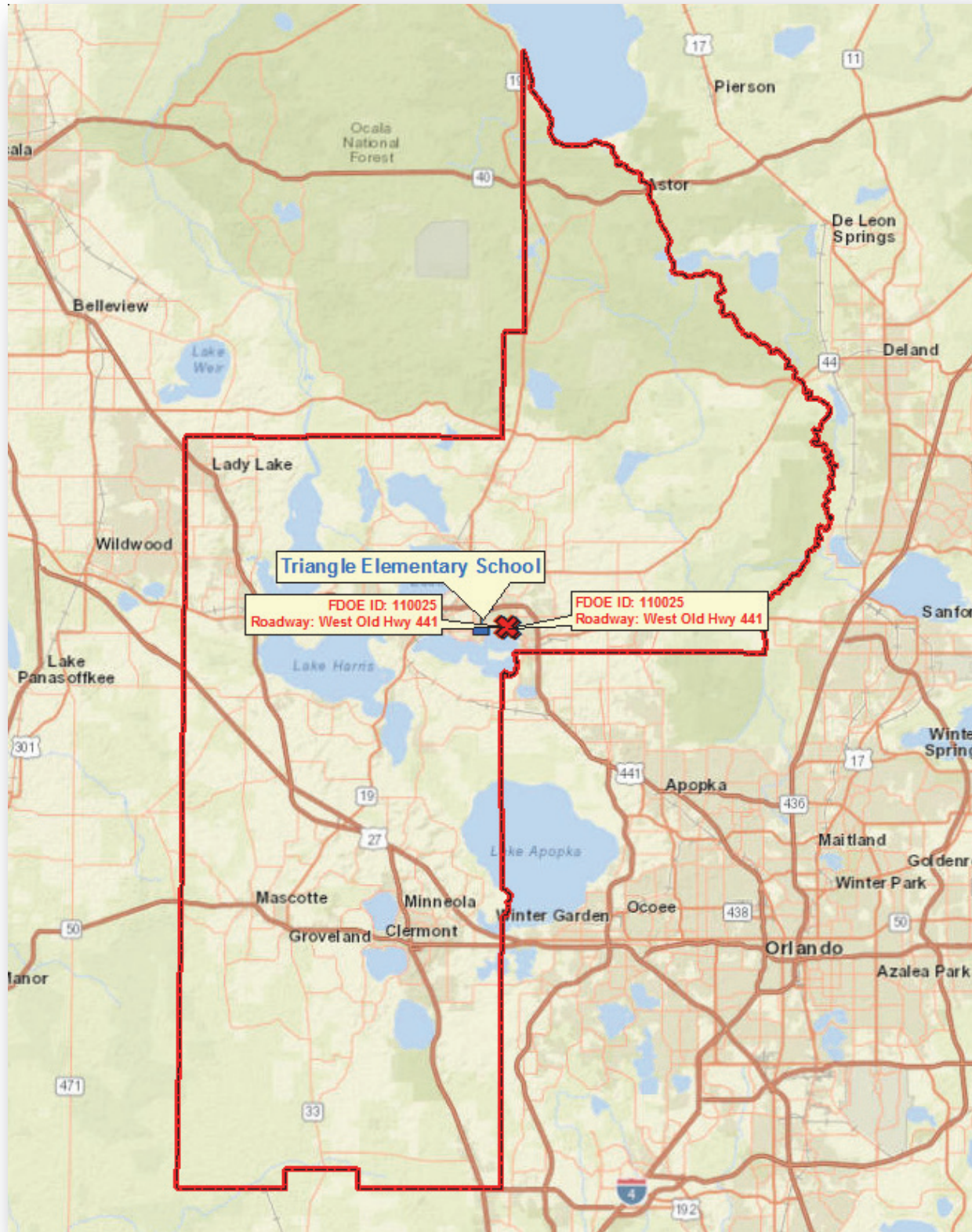
Prepared by:

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

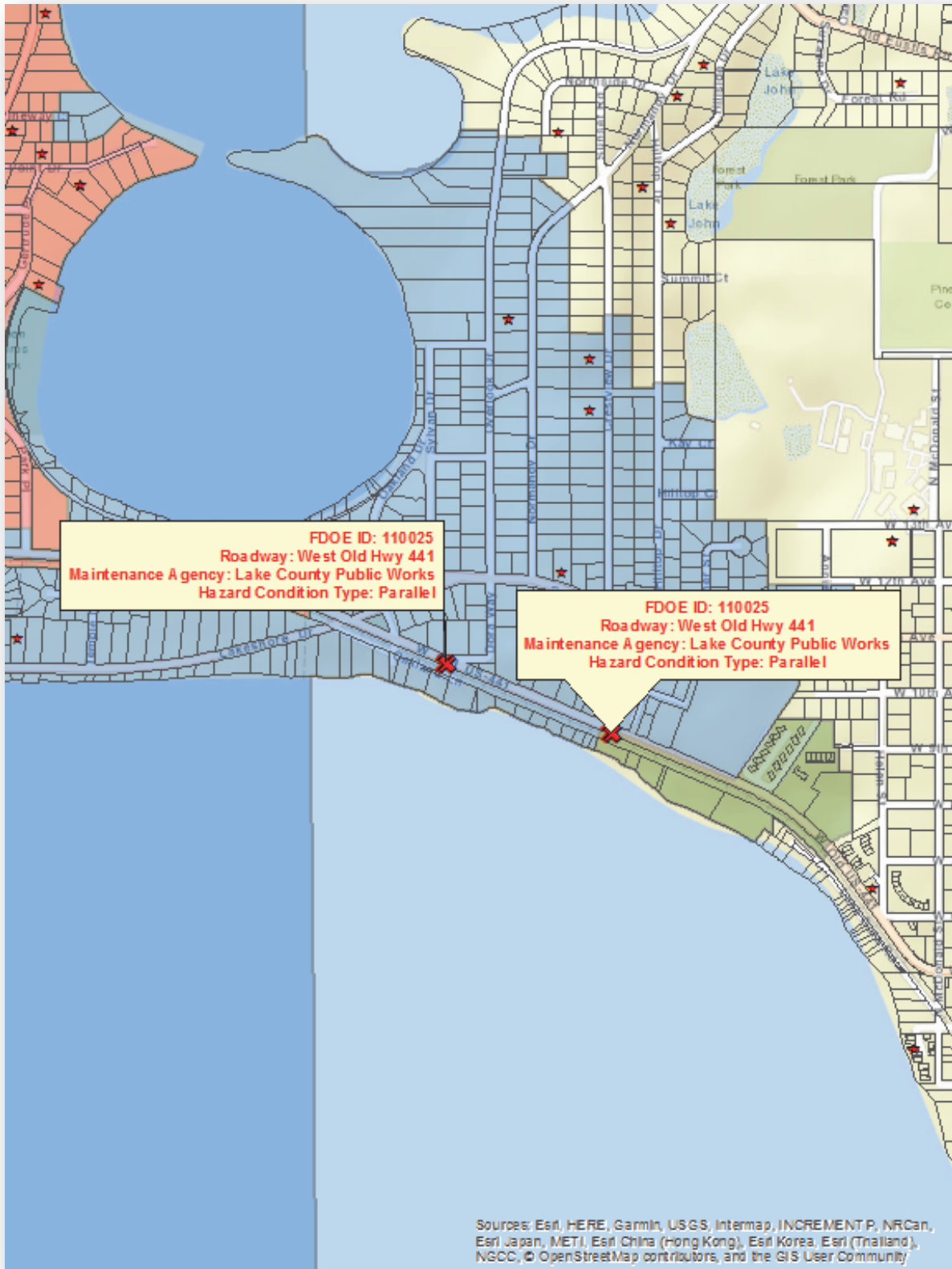


**August 21, 2018**

# FDOT HWC# 110025



# 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> 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: 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."</b> |
| _____      | <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: 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 <u>not</u> a walkway.</b> |
|-------|--------------|---|

**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: West Old Hwy 441 just +/-1,000 ft. East of Dora Way in Mount Dora

Hazard Location Is:  Parallel to the road Traffic Count: 402 (afternoon)  
 Crossing over the road Traffic Count: \_\_\_\_\_

Hazard Jurisdiction:  Municipal (Identify: Mount Dora Police)  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: Mount Dora 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: 110025 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: #LC268**

**Hourly Directional Summary**

Hour	Volume		Total
	EB	WB	
0:00	27	32	59
1:00	6	10	16
2:00	4	11	15
3:00	13	4	17
4:00	29	14	43
5:00	95	34	129
6:00	232	118	350
7:00	367	329	696
8:00	376	324	700
9:00	319	281	600
10:00	395	307	702
11:00	372	300	672
12:00	429	353	782
13:00	384	402	786
14:00	397	479	876
15:00	405	468	873
16:00	427	451	878
17:00	481	462	943
18:00	345	366	711
19:00	207	272	479
20:00	111	210	321
21:00	96	168	264
22:00	124	129	253
23:00	31	57	88
<b>Total</b>	<b>5,672</b>	<b>5,581</b>	<b>11,253</b>

**LC268 Summary**

Date of Count	2/28/2017
Total Volume	11,253
EB Volume	5,672
WB Volume	5,581
Bi-direction PH Time	16:45
Bi-direction PH Volume	960
PM PH (3:00 PM - 7:00 PM)	16:45
PM PH Bi-direction Volume	960
EB PM PH Direction Volume	475
WB PM PH Direction Volume	485
Peak Direction	WB
% Change Daily from 2012	Calc in Sheet
"K" Factor	0.0853
"D" Factor (calculated)	0.51

*Notes:*

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

Hour	Volume		Total
	EB	WB	
15	7	10	17
30	6	10	16
45	8	4	12
100	6	8	14
115	1	4	5
130	3	0	3
145	1	4	5
200	1	2	3
215	2	5	7
230	1	1	2
245	1	1	2
300	0	4	4

Hourly Vols at 15 minute increments

	EB Volume	WB Volum	
59	0:00	27	32
47	0:15	21	26
34	0:30	18	16
27	0:45	11	16
16	1:00	6	10
18	1:15	7	11
17	1:30	5	12
14	1:45	5	9
15	2:00	4	11
14	2:15	5	9
16	2:30	8	8
18	2:45	10	8



**Lake County Pubic Works  
Annual Traffic Count Report for 2017  
Traffic Station: #LC268**

Hour	Volume		Total	Hourly Vols at 15 minute increments	EB Volume WB Volum		
	EB	WB			EB	WB	
315	3	3	6	17	3:00	13	4
330	4	0	4	13	3:15	12	1
345	3	1	4	17	3:30	14	3
400	3	0	3	27	3:45	21	6
415	2	0	2	43	4:00	29	14
430	6	2	8	58	4:15	39	19
445	10	4	14	77	4:30	55	22
500	11	8	19	107	4:45	80	27
515	12	5	17	129	5:00	95	34
530	22	5	27	150	5:15	109	41
545	35	9	44	201	5:30	139	62
600	26	15	41	243	5:45	158	85
615	26	12	38	350	6:00	232	118
630	52	26	78	483	6:15	314	169
645	54	32	86	552	6:30	344	208
700	100	48	148	639	6:45	372	267
715	108	63	171	696	7:00	367	329
730	82	65	147	735	7:15	376	359
745	82	91	173	767	7:30	399	368
800	95	110	205	766	7:45	401	365
815	117	93	210	700	8:00	376	324
830	105	74	179	648	8:15	341	307
845	84	88	172	593	8:30	300	293
900	70	69	139	591	8:45	306	285
915	82	76	158	600	9:00	319	281
930	64	60	124	598	9:15	315	283
945	90	80	170	644	9:30	343	301
1000	83	65	148	659	9:45	362	297
1015	78	78	156	702	10:00	395	307
1030	92	78	170	692	10:15	393	299
1045	109	76	185	692	10:30	393	299
1100	116	75	191	667	10:45	372	295
1115	76	70	146	672	11:00	372	300
1130	92	78	170	721	11:15	402	319
1145	88	72	160	742	11:30	417	325
1200	116	80	196	780	11:45	437	343
1215	106	89	195	782	12:00	429	353
1230	107	84	191	800	12:15	430	370
1245	108	90	198	809	12:30	426	383
1300	108	90	198	794	12:45	404	390
1315	107	106	213	786	13:00	384	402
1330	103	97	200	781	13:15	371	410
1345	86	97	183	794	13:30	380	414
1400	88	102	190	827	13:45	376	451
1415	94	114	208	876	14:00	397	479

**Lake County Pubic Works**  
**Annual Traffic Count Report for 2017**  
**Traffic Station: #LC268**

Hour	Volume EB	Volume WB	Total
1430	112	101	213
1445	82	134	216
1500	109	130	239
1515	90	114	204
1530	112	116	228
1545	98	112	210
1600	105	126	231
1615	104	106	210
1630	106	112	218
1645	119	110	229
1700	98	123	221
1715	131	124	255
1730	130	120	250
1745	116	118	234
1800	104	100	204
1815	102	96	198
1830	92	92	184
1845	78	74	152
1900	73	104	177
1915	59	66	125
1930	56	88	144
1945	48	56	104
2000	44	62	106
2015	36	66	102
2030	24	55	79
2045	26	44	70
2100	25	45	70
2115	33	32	65
2130	21	47	68
2145	21	50	71
2200	21	39	60
2215	50	46	96
2230	53	42	95
2245	11	22	33
2300	10	19	29
2315	9	22	31
2330	8	14	22
2345	9	12	21
2400	5	9	14

Hourly Vols at 15 minute increments

Hourly Vols at 15 minute increments	EB Volume	WB Volume	
872	14:15	393	479
887	14:30	393	494
881	14:45	409	472
873	15:00	405	468
879	15:15	419	460
869	15:30	413	456
888	15:45	434	454
878	16:00	427	451
923	16:15	454	469
955	16:30	478	477
960	16:45	475	485
943	17:00	481	462
886	17:15	452	434
820	17:30	414	406
738	17:45	376	362
711	18:00	345	366
638	18:15	302	336
598	18:30	266	332
550	18:45	236	314
479	19:00	207	272
456	19:15	184	272
391	19:30	152	239
357	19:45	130	227
321	20:00	111	210
284	20:15	108	176
273	20:30	105	168
274	20:45	100	174
264	21:00	96	168
295	21:15	113	182
322	21:30	145	177
284	21:45	135	149
253	22:00	124	129
188	22:15	83	105
115	22:30	38	77
103	22:45	36	67
88	23:00	31	57
	23:15	22	35

# FDOE HWC# 110025

(West Area View)



# FDOE HWC# 110025 (Continued)

(East Area View)



**Hazardous Walking Condition ID: 110025**

**Field Inspection Photos**



Photo No. 1: Date & Time: 2018:07:18 14:59:58 / Photo Direction of View: 294°



Photo No. 3: Date & Time: 2018:07:18 15:00:29 / Photo Direction of View: 115°

**Hazardous Walking Condition ID: 110025**  
**Field Inspection Photos -- Continued**



Photo No. 4: Date & Time: 2018:07:18 15:03:21 / Photo Direction of View: 96°