

Hazardous Walking Conditions

2018-19 Site Review in Accordance with Section 1006.23 FS

FDOE Station ID: 110013



Prepared for:

**Florida Department of Transportation
Lake-Sumter MPO
Lake County Sheriff's Office**

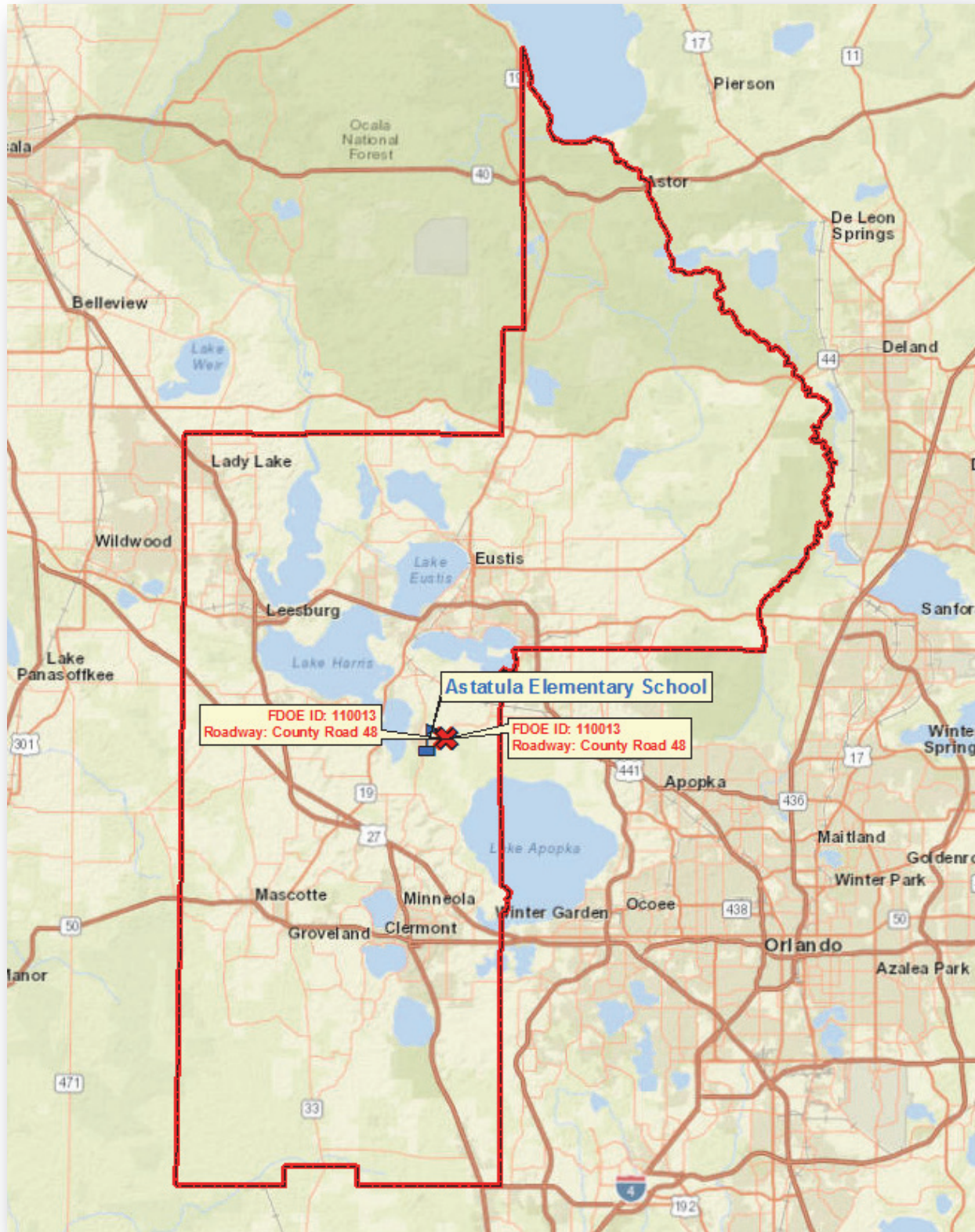
Prepared by:

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

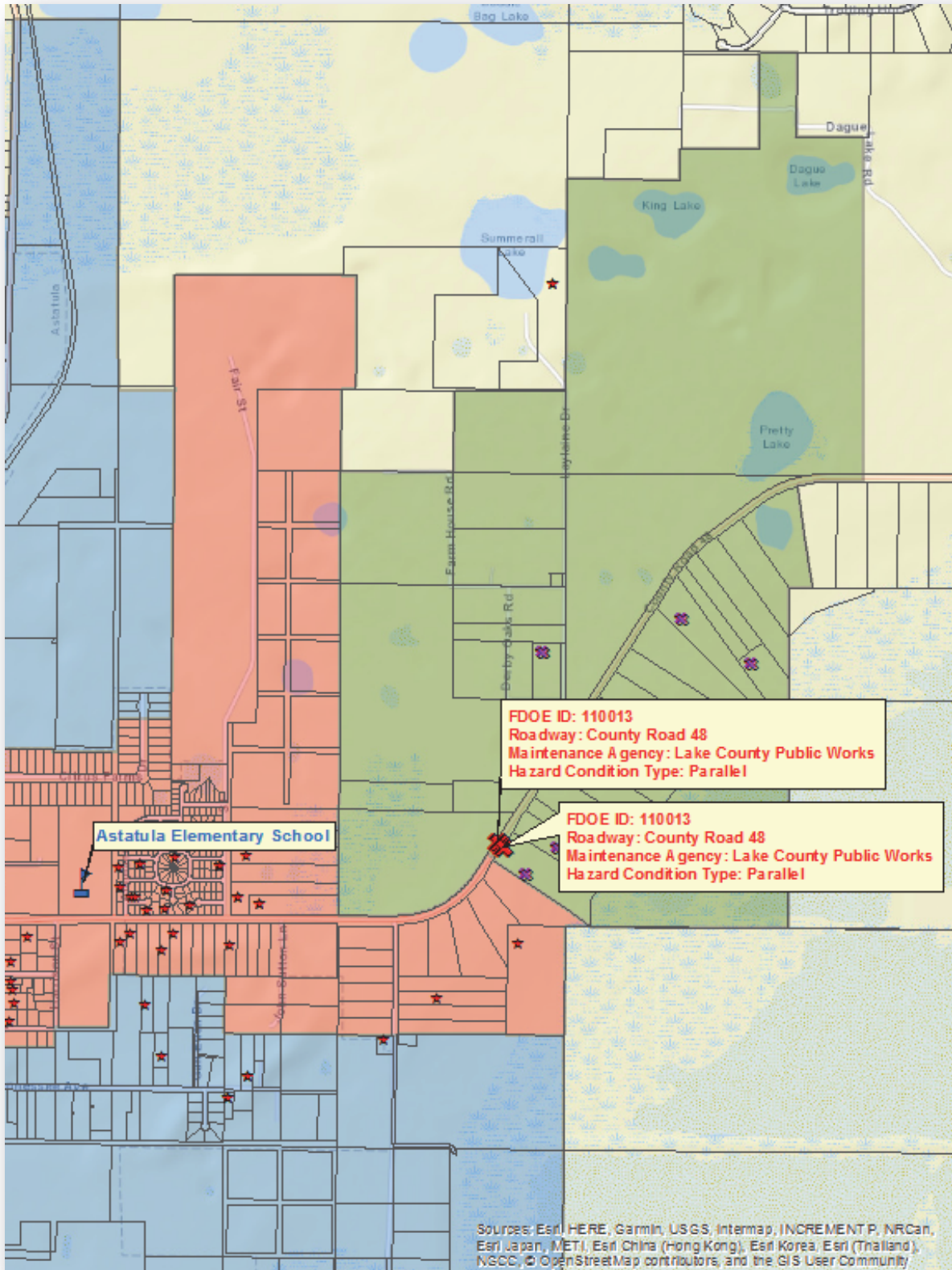


August 21, 2018

FDOT HWC# 110013











General Overview



Detailed Hazardous View



Legend

- | | |
|---|---|
| <ul style="list-style-type: none">  Impacted Students (March 12th, 2018)  All Elementary Students (March 12th, 2018)  Elementary School  Hazardous Walking Condition Locations  Tax Parcel Boundaries | <h3>Elementary 2-Mile Walk Zone Status</h3> <ul style="list-style-type: none">  LC SB Temporary Ridership Zone (1 to 2 Miles)  FDOE Submitted Hazardous Walking Condition  Parent Responsibility Zone (PRZ) |
|---|---|



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: 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." |
| _____ | <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>N/A</u> | <u>N/A</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: 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. |
|------------|------------|---|

If the posted speed limit is 50 mph or greater:

- | | | |
|------------|------------|---|
| <u>N/A</u> | <u>X</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):

<u>YES</u>	<u>NO</u>	
<u>N/A</u>	<u>N/A</u>	1. Does the traffic volume exceed 360 vehicles per direction, per hour (either direction, including all lanes in each direction)?
<u>N/A</u>	<u>N/A</u>	2. Does the road have a posted speed limit of 50 MPH or greater?
<u>N/A</u>	<u>N/A</u>	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:

<u>N/A</u>	<u>N/A</u>	1. Does the total traffic volume (total of both directions) exceed 4,000 vehicles per hour?
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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 48 (Extension of Florida Avenue) East of Astatula

Hazard Location Is: Parallel to the road Traffic Count: 436 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@lcsso.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: 110013 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: #LC059

Hourly Directional Summary

Hour	Volume		Total
	WB	EB	
0:00	11	10	21
1:00	5	4	9
2:00	7	6	13
3:00	28	20	48
4:00	27	25	52
5:00	86	76	162
6:00	158	221	379
7:00	248	313	561
8:00	368	348	716
9:00	126	151	277
10:00	110	159	269
11:00	108	147	255
12:00	115	114	229
13:00	149	135	284
14:00	140	224	364
15:00	345	238	583
16:00	310	286	596
17:00	332	278	610
18:00	205	177	382
19:00	104	95	199
20:00	72	62	134
21:00	46	60	106
22:00	39	27	66
23:00	19	18	37
Total	3,158	3,194	6,352

LC059 Summary

Date of Count	2/16/2017
Total Volume	6,352
WB Volume	3,158
EB Volume	3,194
Bi-direction PH Time	7:30
Bi-direction PH Volume	806
PM PH (3:00 PM - 7:00 PM)	16:30
PM PH Bi-direction Volume	684
WB PM PH Direction Volume	354
EB PM PH Direction Volume	330
Peak Direction	WB
% Change Daily from 2012	Calc in Sheet
"K" Factor	0.1077
"D" Factor (calculated)	0.52

Notes:

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

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

Hourly Vols at 15 minute increments

	WB Volum	EB Volume	
21	0:00	11	10
16	0:15	10	6
10	0:30	6	4
12	0:45	7	5
9	1:00	5	4
6	1:15	4	2
9	1:30	6	3
12	1:45	6	6
13	2:00	7	6
16	2:15	9	7
18	2:30	11	7
29	2:45	19	10

**Lake County Pubic Works
Annual Traffic Count Report for 2017
Traffic Station: #LC059**

Hour	Volume		Total	Hourly Vols at 15 minute increments	WB Volum EB Volume		
	WB	EB			WB	EB	
315	4	1	5	48	3:00	28	20
330	4	2	6	47	3:15	27	20
345	10	7	17	51	3:30	29	22
400	10	10	20	49	3:45	26	23
415	3	1	4	52	4:00	27	25
430	6	4	10	75	4:15	42	33
445	7	8	15	97	4:30	54	43
500	11	12	23	117	4:45	63	54
515	18	9	27	162	5:00	86	76
530	18	14	32	206	5:15	93	113
545	16	19	35	256	5:30	109	147
600	34	34	68	315	5:45	130	185
615	25	46	71	379	6:00	158	221
630	34	48	82	446	6:15	195	251
645	37	57	94	477	6:30	217	260
700	62	70	132	535	6:45	248	287
715	62	76	138	561	7:00	248	313
730	56	57	113	659	7:15	284	375
745	68	84	152	806	7:30	370	436
800	62	96	158	785	7:45	381	404
815	98	138	236	716	8:00	368	348
830	142	118	260	542	8:15	296	246
845	79	52	131	368	8:30	188	180
900	49	40	89	311	8:45	149	162
915	26	36	62	277	9:00	126	151
930	34	52	86	272	9:15	123	149
945	40	34	74	251	9:30	119	132
1000	26	29	55	256	9:45	104	152
1015	23	34	57	269	10:00	110	159
1030	30	35	65	268	10:15	111	157
1045	25	54	79	270	10:30	107	163
1100	32	36	68	252	10:45	113	139
1115	24	32	56	255	11:00	108	147
1130	26	41	67	263	11:15	122	141
1145	31	30	61	255	11:30	127	128
1200	27	44	71	250	11:45	116	134
1215	38	26	64	229	12:00	115	114
1230	31	28	59	228	12:15	110	118
1245	20	36	56	240	12:30	117	123
1300	26	24	50	236	12:45	123	113
1315	33	30	63	284	13:00	149	135
1330	38	33	71	297	13:15	154	143
1345	26	26	52	297	13:30	141	156
1400	52	46	98	349	13:45	156	193
1415	38	38	76	364	14:00	140	224

**Lake County Pubic Works
Annual Traffic Count Report for 2017
Traffic Station: #LC059**

Hour	Volume WB	Volume EB	Total
1430	25	46	71
1445	41	63	104
1500	36	77	113
1515	110	80	190
1530	92	54	146
1545	72	58	130
1600	71	46	117
1615	56	54	110
1630	70	67	137
1645	86	77	163
1700	98	88	186
1715	78	73	151
1730	92	92	184
1745	100	56	156
1800	62	57	119
1815	63	55	118
1830	49	54	103
1845	54	34	88
1900	39	34	73
1915	35	29	64
1930	26	21	47
1945	25	23	48
2000	18	22	40
2015	16	14	30
2030	18	18	36
2045	20	16	36
2100	18	14	32
2115	13	10	23
2130	12	23	35
2145	13	14	27
2200	8	13	21
2215	8	14	22
2230	10	5	15
2245	13	4	17
2300	8	4	12
2315	5	6	11
2330	5	6	11
2345	1	4	5
2400	8	2	10

Hourly Vols at 15 minute increments

Hourly Vols at 15 minute increments	WB Volum	EB Volume	
478	14:15	212	266
553	14:30	279	274
579	14:45	310	269
583	15:00	345	238
503	15:15	291	212
494	15:30	269	225
527	15:45	283	244
596	16:00	310	286
637	16:15	332	305
684	16:30	354	330
677	16:45	368	309
610	17:00	332	278
577	17:15	317	260
496	17:30	274	222
428	17:45	228	200
382	18:00	205	177
328	18:15	177	151
272	18:30	154	118
232	18:45	125	107
199	19:00	104	95
165	19:15	85	80
154	19:30	77	77
142	19:45	72	70
134	20:00	72	62
127	20:15	69	58
126	20:30	63	63
117	20:45	56	61
106	21:00	46	60
105	21:15	41	64
85	21:30	39	46
75	21:45	39	36
66	22:00	39	27
55	22:15	36	19
51	22:30	31	20
39	22:45	19	20
37	23:00	19	18
	23:15	14	12

FDOE HWC# 110013



Hazardous Walking Condition ID: 110013

Field Inspection Photos



Photo No. 1: Date & Time: 2018:07:18 13:50:22 / Photo Direction of View: 225°



Photo No. 3: Date & Time: 2018:07:18 13:52:25 / Photo Direction of View: 24°

FDOE HWC# 110013



Hazardous Walking Condition ID: 110013
Field Inspection Photos



Photo No. 2: Photo Direction of View: 61°



Photo No. 3: Photo Direction of View: 199°

Hazardous Walking Condition ID: 110013
Field Inspection Photos -- (Continued)



Photo No. 4: Photo Direction of View: 200°