

# Hazardous Walking Conditions

2018-19 Site Review in Accordance with Section 1006.23 FS

**FDOE Station ID: 110032**



**Prepared for:**

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

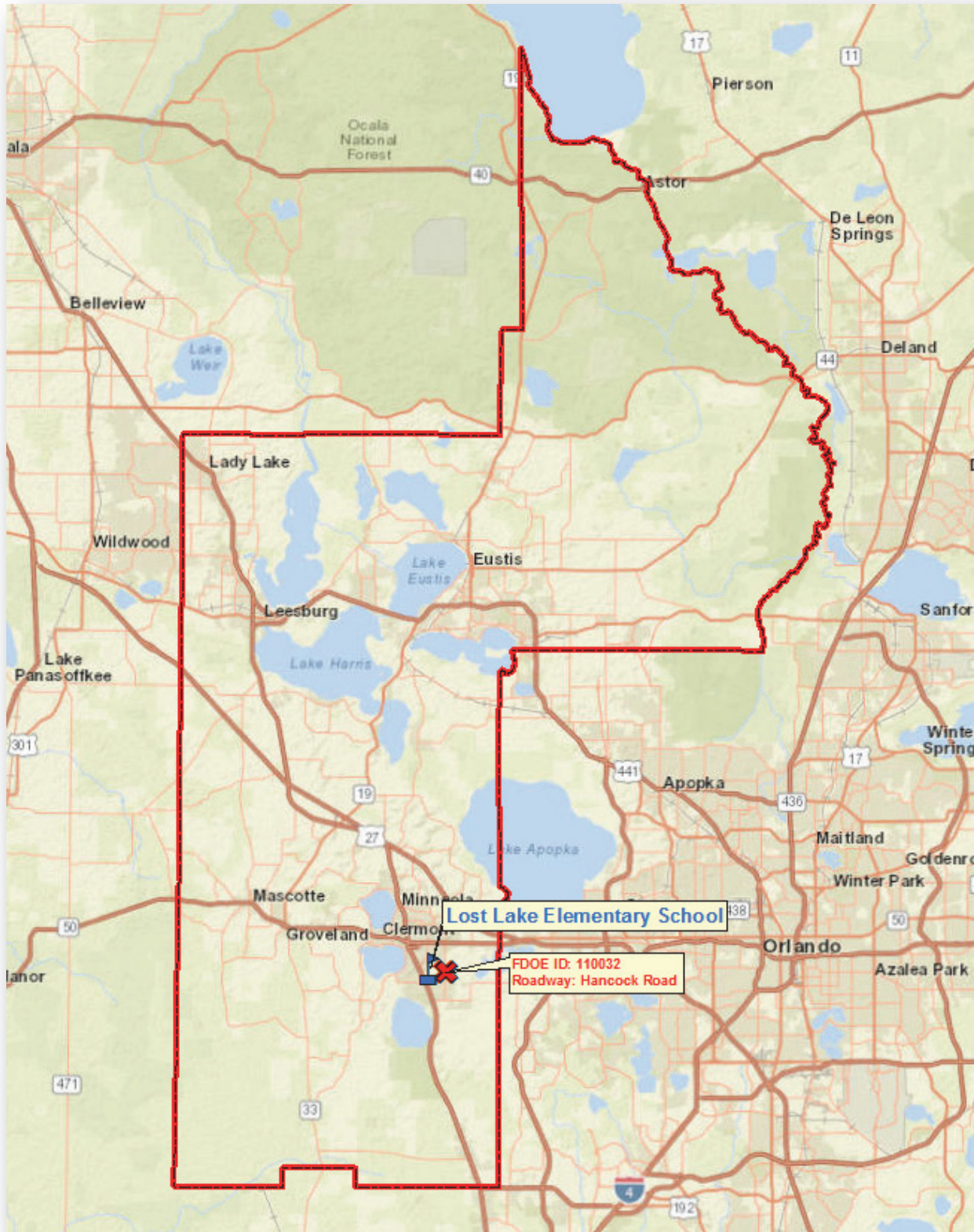
**Prepared by:**

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



**August 21, 2018**

# FDOT HWC# 110032





# Detailed Hazardous View



**Legend**

⊗	Impacted Students (March 12th, 2018)	Elementary 2-Mile Walk Zone Status
★	All Elementary Students (March 12th, 2018)	LCSB Temporary Ridership Zone (1 to 2 Miles)
⊗	Hazardous Walking Condition Locations	FDOE Submitted Hazardous Walking Condition
□	Tax Parcel Boundaries	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? <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: Hancock Road ±162 feet South of Windy Mount Cir. in Lost Lake Pines Subdv.

Hazard Location Is:  Parallel to the road Traffic Count: 742 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@lakecountvfl.gov Phone: 352-253-9052

Law Enforcement Representative: \_\_\_\_\_

*Print Name*

*Signature*

Agency/Entity: Clermont 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: 110032 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: #LC180**

**Hourly Directional Summary**

Hour	Volume		Total
	SB	NB	
0:00	40	26	66
1:00	16	21	37
2:00	14	12	26
3:00	21	14	35
4:00	38	28	66
5:00	100	76	176
6:00	194	224	418
7:00	368	414	782
8:00	402	521	923
9:00	354	322	676
10:00	282	278	560
11:00	297	279	576
12:00	298	287	585
13:00	303	301	604
14:00	421	337	758
15:00	410	472	882
16:00	489	464	953
17:00	420	539	959
18:00	409	398	807
19:00	315	326	641
20:00	228	194	422
21:00	229	138	367
22:00	93	87	180
23:00	50	74	124
<b>Total</b>	<b>5,791</b>	<b>5,832</b>	<b>11,623</b>

**LC180 Summary**

Date of Count	3/30/2017
Total Volume	11,623
SB Volume	5,791
NB Volume	5,832
Bi-direction PH Time	15:45
Bi-direction PH Volume	972
PM PH (3:00 PM - 7:00 PM)	15:45
PM PH Bi-direction Volume	972
SB PM PH Direction Volume	485
NB PM PH Direction Volume	487
Peak Direction	NB
% Change Daily from 2012	Calc in Sheet
"K" Factor	0.0836
"D" Factor (calculated)	0.50

*Notes:*

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

Hour	Volume		Total
	SB	NB	
15	13	11	24
30	12	6	18
45	7	4	11
100	8	5	13
115	4	8	12
130	5	4	9
145	5	6	11
200	2	3	5
215	5	3	8
230	0	1	1
245	1	5	6
300	8	3	11

Hourly Vols at 15 minute increments

	SB Volume	NB Volume	
66	0:00	40	26
54	0:15	31	23
45	0:30	24	21
45	0:45	22	23
37	1:00	16	21
33	1:15	17	16
25	1:30	12	13
20	1:45	8	12
26	2:00	14	12
24	2:15	13	11
39	2:30	19	20
39	2:45	24	15



**Lake County Pubic Works  
Annual Traffic Count Report for 2017  
Traffic Station: #LC180**

Hour	Volume		Total	Hourly Vols at 15 minute increments	SB Volume NB Volume		
	SB	NB			SB	NB	
315	4	2	6	35	3:00	21	14
330	6	10	16	41	3:15	23	18
345	6	0	6	33	3:30	19	14
400	5	2	7	47	3:45	27	20
415	6	6	12	66	4:00	38	28
430	2	6	8	81	4:15	46	35
445	14	6	20	104	4:30	58	46
500	16	10	26	140	4:45	78	62
515	14	13	27	176	5:00	100	76
530	14	17	31	222	5:15	130	92
545	34	22	56	276	5:30	162	114
600	38	24	62	322	5:45	170	152
615	44	29	73	418	6:00	194	224
630	46	39	85	517	6:15	220	297
645	42	60	102	612	6:30	266	346
700	62	96	158	696	6:45	312	384
715	70	102	172	782	7:00	368	414
730	92	88	180	896	7:15	442	454
745	88	98	186	966	7:30	462	504
800	118	126	244	966	7:45	448	518
815	144	142	286	923	8:00	402	521
830	112	138	250	845	8:15	362	483
845	74	112	186	757	8:30	346	411
900	72	129	201	750	8:45	366	384
915	104	104	208	676	9:00	354	322
930	96	66	162	612	9:15	322	290
945	94	85	179	576	9:30	294	282
1000	60	67	127	545	9:45	284	261
1015	72	72	144	560	10:00	282	278
1030	68	58	126	555	10:15	276	279
1045	84	64	148	573	10:30	278	295
1100	58	84	142	570	10:45	277	293
1115	66	73	139	576	11:00	297	279
1130	70	74	144	593	11:15	313	280
1145	83	62	145	595	11:30	321	274
1200	78	70	148	590	11:45	310	280
1215	82	74	156	585	12:00	298	287
1230	78	68	146	580	12:15	289	291
1245	72	68	140	586	12:30	279	307
1300	66	77	143	609	12:45	297	312
1315	73	78	151	604	13:00	303	301
1330	68	84	152	634	13:15	329	305
1345	90	73	163	642	13:30	350	292
1400	72	66	138	698	13:45	377	321
1415	99	82	181	758	14:00	421	337

462

504

AVG = 742

1,022 & 642

**Lake County Pubic Works**  
**Annual Traffic Count Report for 2017**  
**Traffic Station: #LC180**

Hour	Volume		Total	Hourly Vols at 15 minute increments	SB Volume NB Volume		
	SB	NB			SB	NB	
1430	89	71	160	779	14:15	432	347
1445	117	102	219	827	14:30	445	382
1500	116	82	198	840	14:45	424	416
1515	110	92	202	882	15:00	410	472
1530	102	106	208	892	15:15	398	494
1545	96	136	232	941	15:30	444	497
1600	102	138	240	972	15:45	485	487
1615	98	114	212	953	16:00	489	464
1630	148	109	257	970	16:15	499	471
1645	137	126	263	965	16:30	471	494
1700	106	115	221	950	16:45	436	514
1715	108	121	229	959	17:00	420	539
1730	120	132	252	950	17:15	418	532
1745	102	146	248	874	17:30	386	488
1800	90	140	230	852	17:45	408	444
1815	106	114	220	807	18:00	409	398
1830	88	88	176	741	18:15	371	370
1845	124	102	226	732	18:30	366	366
1900	91	94	185	684	18:45	336	348
1915	68	86	154	641	19:00	315	326
1930	83	84	167	619	19:15	329	290
1945	94	84	178	544	19:30	294	250
2000	70	72	142	460	19:45	242	218
2015	82	50	132	422	20:00	228	194
2030	48	44	92	382	20:15	201	181
2045	42	52	94	392	20:30	225	167
2100	56	48	104	397	20:45	241	156
2115	55	37	92	367	21:00	229	138
2130	72	30	102	335	21:15	208	127
2145	58	41	99	281	21:30	160	121
2200	44	30	74	228	21:45	128	100
2215	34	26	60	180	22:00	93	87
2230	24	24	48	159	22:15	75	84
2245	26	20	46	144	22:30	66	78
2300	9	17	26	135	22:45	51	84
2315	16	23	39	124	23:00	50	74
2330	15	18	33		23:15	34	51
2345	11	26	37				
2400	8	7	15				

**Lake County Pubic Works**  
**Annual Traffic Count Report for 2017**  
**Traffic Station: #LC165**

**Hourly Directional Summary**

Hour	Volume		Total
	NB	SB	
0:00	47	60	107
1:00	27	31	58
2:00	20	27	47
3:00	31	28	59
4:00	77	43	120
5:00	212	94	306
6:00	628	218	846
7:00	1,008	465	1,473
8:00	955	570	1,525
9:00	801	447	1,248
10:00	650	454	1,104
11:00	633	528	1,161
12:00	638	580	1,218
13:00	661	614	1,275
14:00	689	680	1,369
15:00	718	724	1,442
16:00	820	859	1,679
17:00	762	962	1,724
18:00	607	869	1,476
19:00	536	652	1,188
20:00	310	471	781
21:00	292	351	643
22:00	139	220	359
23:00	78	142	220
<b>Total</b>	<b>11,339</b>	<b>10,089</b>	<b>21,428</b>

**LC165 Summary**

Date of Count	3/28/2017
Total Volume	21,428
NB Volume	11,339
SB Volume	10,089
Bi-direction PH Time	17:00
Bi-direction PH Volume	1,724
PM PH (3:00 PM - 7:00 PM)	17:00
PM PH Bi-direction Volume	1,724
NB PM PH Direction Volume	762
SB PM PH Direction Volume	962
Peak Direction	SB
% Change Daily from 2012	Calc in Sheet
"K" Factor	0.0805
"D" Factor (calculated)	0.56

*Notes:*

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

Hour	Volume		Total
	NB	SB	
15	10	19	29
30	14	17	31
45	12	13	25
100	11	11	22
115	6	10	16
130	11	7	18
145	5	8	13
200	5	6	11
215	3	8	11
230	3	10	13
245	11	4	15
300	3	5	8

Hourly Vols at 15 minute increments

	NB Volume	SB Volume	
107	0:00	47	60
94	0:15	43	51
81	0:30	40	41
69	0:45	33	36
58	1:00	27	31
53	1:15	24	29
48	1:30	16	32
50	1:45	22	28
47	2:00	20	27
53	2:15	27	26
49	2:30	25	24
50	2:45	26	24

**Lake County Pubic Works**  
**Annual Traffic Count Report for 2017**  
**Traffic Station: #LC165**

Hour	Volume		Total	Hourly Vols at 15 minute increments	NB Volume SB Volume		
	NB	SB			NB	SB	
315	10	7	17	59	3:00	31	28
330	1	8	9	63	3:15	30	33
345	12	4	16	88	3:30	49	39
400	8	9	17	94	3:45	53	41
415	9	12	21	120	4:00	77	43
430	20	14	34	148	4:15	102	46
445	16	6	22	190	4:30	130	60
500	32	11	43	247	4:45	170	77
515	34	15	49	306	5:00	212	94
530	48	28	76	391	5:15	288	103
545	56	23	79	515	5:30	398	117
600	74	28	102	675	5:45	511	164
615	110	24	134	846	6:00	628	218
630	158	42	200	1026	6:15	754	272
645	169	70	239	1226	6:30	867	359
700	191	82	273	1318	6:45	935	383
715	236	78	314	1473	7:00	1008	465
730	271	129	400	1571	7:15	1025	546
745	237	94	331	1566	7:30	1022	544
800	264	164	428	1607	7:45	1023	584
815	253	159	412	1525	8:00	955	570
830	268	127	395	1482	8:15	939	543
845	238	134	372	1409	8:30	897	512
900	196	150	346	1319	8:45	825	494
915	237	132	369	1248	9:00	801	447
930	226	96	322	1175	9:15	744	431
945	166	116	282	1099	9:30	658	441
1000	172	103	275	1097	9:45	662	435
1015	180	116	296	1104	10:00	650	454
1030	140	106	246	1086	10:15	624	462
1045	170	110	280	1124	10:30	640	484
1100	160	122	282	1139	10:45	631	508
1115	154	124	278	1161	11:00	633	528
1130	156	128	284	1191	11:15	641	550
1145	161	134	295	1225	11:30	653	572
1200	162	142	304	1232	11:45	650	582
1215	162	146	308	1218	12:00	638	580
1230	168	150	318	1202	12:15	622	580
1245	158	144	302	1224	12:30	628	596
1300	150	140	290	1217	12:45	633	584
1315	146	146	292	1275	13:00	661	614
1330	174	166	340	1299	13:15	673	626
1345	163	132	295	1295	13:30	663	632
1400	178	170	348	1363	13:45	693	670
1415	158	158	316	1369	14:00	689	680

**Lake County Pubic Works  
Annual Traffic Count Report for 2017  
Traffic Station: #LC165**

Hour	Volume		Total	Hourly Vols at 15 minute increments	NB Volume SB Volume		
	NB	SB			NB	SB	
1430	164	172	336	1370	14:15	694	676
1445	193	170	363	1418	14:30	720	698
1500	174	180	354	1417	14:45	715	702
1515	163	154	317	1442	15:00	718	724
1530	190	194	384	1525	15:15	727	798
1545	188	174	362	1556	15:30	754	802
1600	177	202	379	1638	15:45	785	853
1615	172	228	400	1679	16:00	820	859
1630	217	198	415	1715	16:15	828	887
1645	219	225	444	1690	16:30	773	917
1700	212	208	420	1675	16:45	764	911
1715	180	256	436	1724	17:00	762	962
1730	162	228	390	1711	17:15	742	969
1745	210	219	429	1667	17:30	736	931
1800	210	259	469	1608	17:45	676	932
1815	160	263	423	1476	18:00	607	869
1830	156	190	346	1352	18:15	565	787
1845	150	220	370	1284	18:30	523	761
1900	141	196	337	1239	18:45	551	688
1915	118	181	299	1188	19:00	536	652
1930	114	164	278	1127	19:15	534	593
1945	178	147	325	1070	19:30	497	573
2000	126	160	286	914	19:45	373	541
2015	116	122	238	781	20:00	310	471
2030	77	144	221	731	20:15	286	445
2045	54	115	169	687	20:30	299	388
2100	63	90	153	656	20:45	303	353
2115	92	96	188	643	21:00	292	351
2130	90	87	177	564	21:15	237	327
2145	58	80	138	490	21:30	186	304
2200	52	88	140	426	21:45	162	264
2215	37	72	109	359	22:00	139	220
2230	39	64	103	315	22:15	122	193
2245	34	40	74	273	22:30	104	169
2300	29	44	73	250	22:45	90	160
2315	20	45	65	220	23:00	78	142
2330	21	40	61		23:15	58	97
2345	20	31	51				
2400	17	26	43				

# FDOE HWC# 110032



**Hazardous Walking Condition ID: 110032**

**Field Inspection Photos**



Photo No. 1: Date & Time: 2018:07:18 10:50:01 / Photo Direction of View: 176°



Photo No. 2: Date & Time: 2018:07:18 10:50:58 / Photo Direction of View: 5°

# FDOE HWC# 110032





**Hazardous Walking Condition ID: 110032**  
**Field Inspection Photos**



**Photo No. 2:** Photo Direction of View: 330°



**Photo No. 3:** Photo Direction of View: 220°