

# Hazardous Walking Conditions

2018-19 Site Review in Accordance with Section 1006.23 FS

**FDOE Station ID: 110001**



**Prepared for:**

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

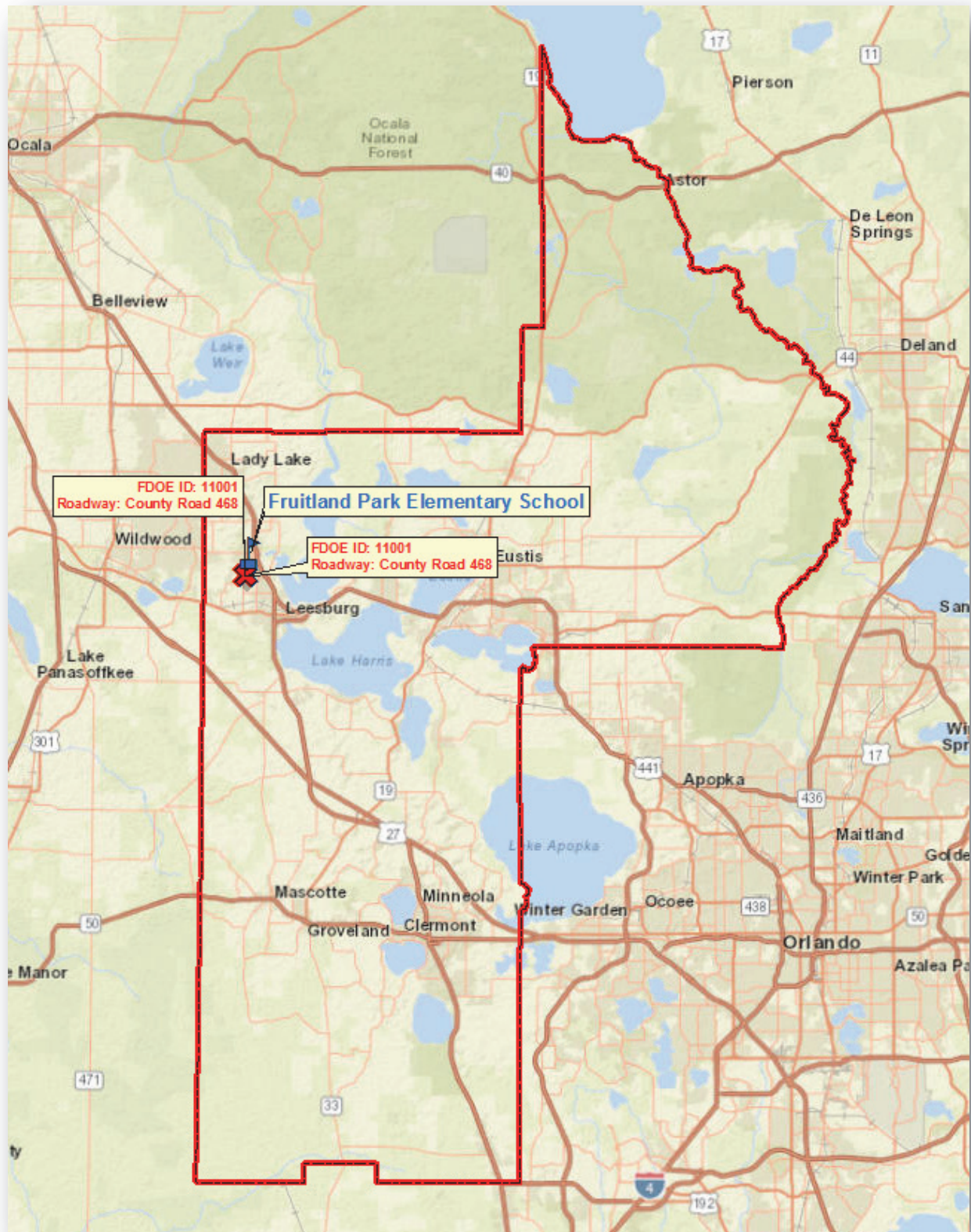
**Prepared by:**

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

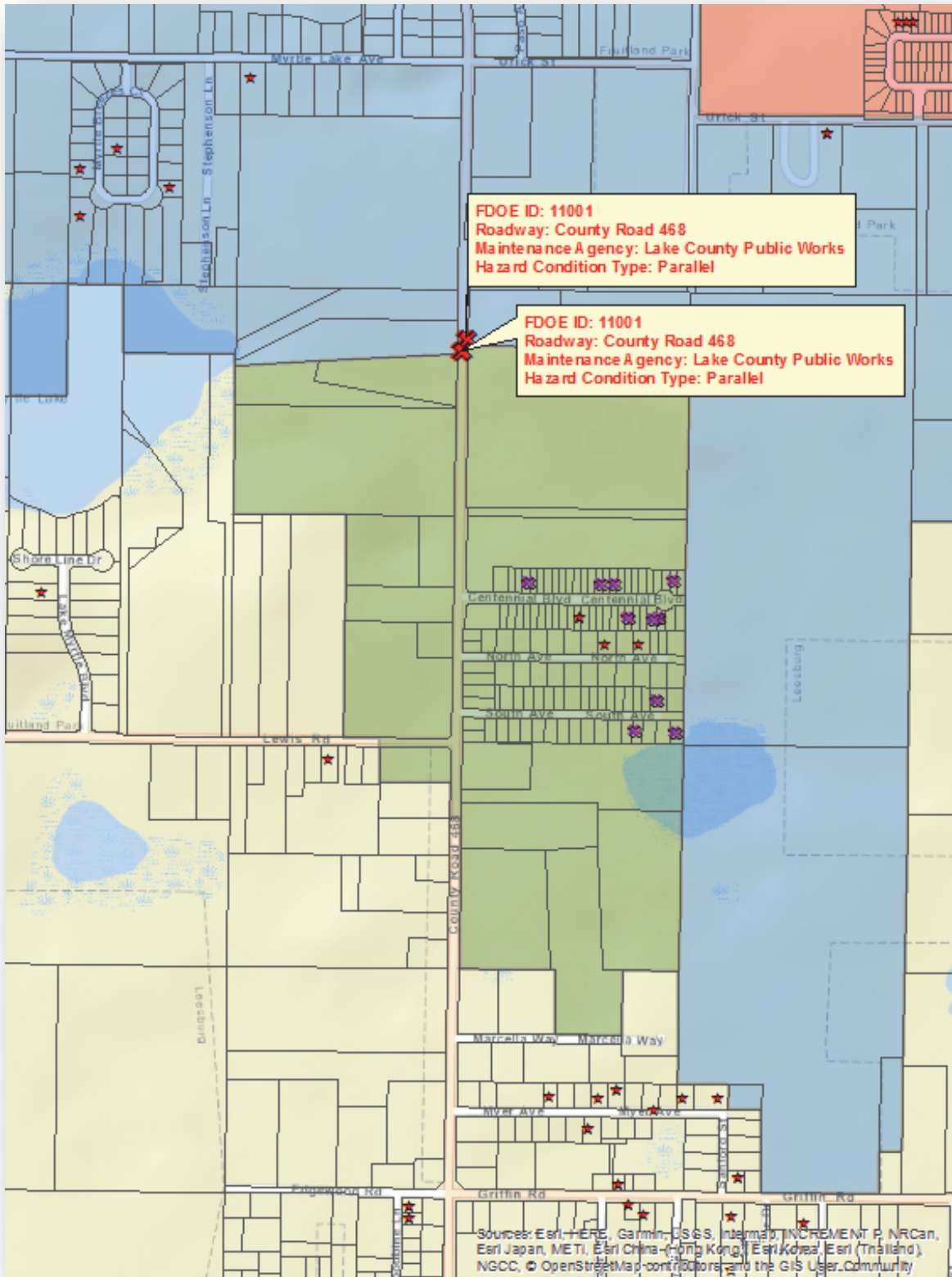


**August 21, 2018**

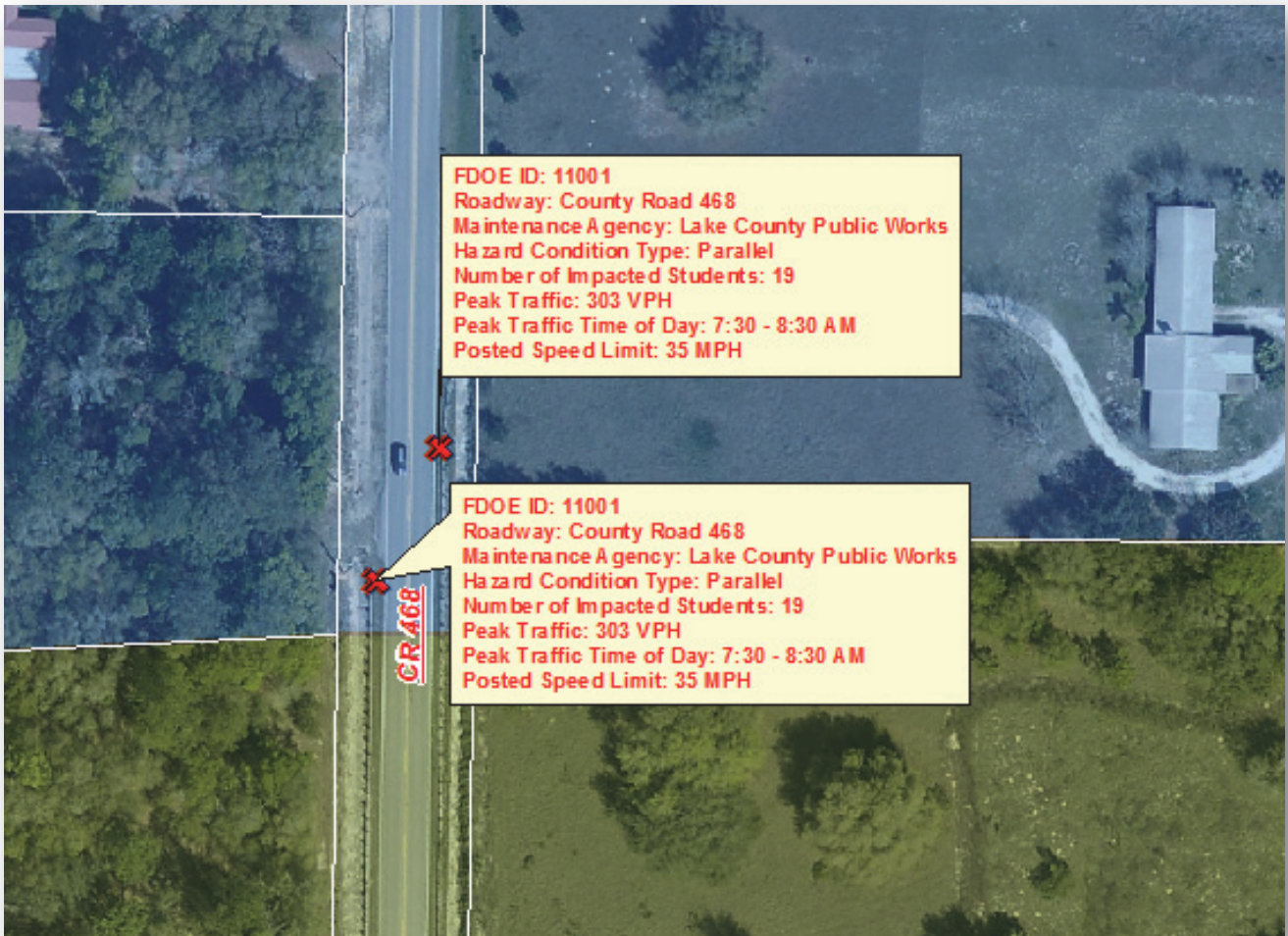
# FDOT HWC# 110001



# 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)
✖	Hazardous Walking Condition Locations	FDOE Submitted Hazardous Walking Condition
□	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? <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: County Road 468

Hazard Location Is:  Parallel to the road Traffic Count: 303 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: Fruitland Park 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: 110001 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: #LC012**

**Hourly Directional Summary**

Hour	Volume SB	Volume NB	Total
0:00	14	9	23
1:00	6	10	16
2:00	4	7	11
3:00	14	3	17
4:00	14	6	20
5:00	66	27	93
6:00	163	124	287
7:00	266	214	480
8:00	244	233	477
9:00	180	243	423
10:00	158	173	331
11:00	213	201	414
12:00	210	223	433
13:00	199	179	378
14:00	209	235	444
15:00	235	233	468
16:00	258	297	555
17:00	258	304	562
18:00	186	196	382
19:00	99	111	210
20:00	86	90	176
21:00	80	70	150
22:00	40	33	73
23:00	24	23	47
<b>Total</b>	<b>3,226</b>	<b>3,244</b>	<b>6,470</b>

**LC012 Summary**

Date of Count	2/7/2017
Total Volume	6,470
SB Volume	3,226
NB Volume	3,244
Bi-direction PH Time	16:45
Bi-direction PH Volume	596
PM PH (3:00 PM - 7:00 PM)	16:45
PM PH Bi-direction Volume	596
SB PM PH Direction Volume	286
NB PM PH Direction Volume	310
Peak Direction	NB
% Change Daily from 2012	Calc in Sheet
"K" Factor	0.0921
"D" Factor (calculated)	0.52

*Notes:*

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

Hour	Volume SB	Volume NB	Total
15	5	4	9
30	4	1	5
45	3	2	5
100	2	2	4
115	1	1	2
130	2	2	4
145	3	5	8
200	0	2	2
215	1	1	2
230	1	3	4
245	1	2	3

Hourly Vols at 15 minute increments

	SB Volume	NB Volume	
23	0:00	14	9
16	0:15	10	6
15	0:30	8	7
18	0:45	8	10
16	1:00	6	10
16	1:15	6	10
16	1:30	5	11
11	1:45	3	8
11	2:00	4	7
11	2:15	4	7
11	2:30	5	6



**Lake County Pubic Works  
Annual Traffic Count Report for 2017  
Traffic Station: #LC012**

Hour	Volume		Total	Hourly Vols at 15 minute increments	SB Volume NB Volume		
	SB	NB			SB	NB	
300	1	1	2	11	2:45	7	4
315	1	1	2	17	3:00	14	3
330	2	2	4	18	3:15	16	2
345	3	0	3	18	3:30	18	0
400	8	0	8	19	3:45	18	1
415	3	0	3	20	4:00	14	6
430	4	0	4	30	4:15	17	13
445	3	1	4	40	4:30	27	13
500	4	5	9	68	4:45	47	21
515	6	7	13	93	5:00	66	27
530	14	0	14	127	5:15	89	38
545	23	9	32	163	5:30	109	54
600	23	11	34	209	5:45	128	81
615	29	18	47	287	6:00	163	124
630	34	16	50	340	6:15	186	154
645	42	36	78	404	6:30	216	188
700	58	54	112	454	6:45	248	206
715	52	48	100	480	7:00	266	214
730	64	50	114	536	7:15	287	249
745	74	54	128	556	7:30	303	253
800	76	62	138	507	7:45	268	239
815	73	83	156	477	8:00	244	233
830	80	54	134	424	8:15	220	204
845	39	40	79	396	8:30	179	217
900	52	56	108	431	8:45	182	249
915	49	54	103	423	9:00	180	243
930	39	67	106	413	9:15	169	244
945	42	72	114	384	9:30	173	211
1000	50	50	100	348	9:45	169	179
1015	38	55	93	331	10:00	158	173
1030	43	34	77	324	10:15	158	166
1045	38	40	78	344	10:30	158	186
1100	39	44	83	378	10:45	188	190
1115	38	48	86	414	11:00	213	201
1130	43	54	97	440	11:15	229	211
1145	68	44	112	457	11:30	240	217
1200	64	55	119	427	11:45	220	207
1215	54	58	112	433	12:00	210	223
1230	54	60	114	439	12:15	214	225
1245	48	34	82	416	12:30	215	201
1300	54	71	125	431	12:45	213	218
1315	58	60	118	378	13:00	199	179
1330	55	36	91	367	13:15	190	177
1345	46	51	97	382	13:30	189	193

**Lake County Pubic Works  
Annual Traffic Count Report for 2017  
Traffic Station: #LC012**

Hour	Volume		Total	Hourly Vols at 15 minute increments	SB Volume NB Volume			
	SB	NB			SB	NB		
1400	40	32	72	199	412	13:45	201	211
1415	49	58	107	179	444	14:00	209	235
1430	54	52	106		462	14:15	223	239
1445	58	69	127		477	14:30	243	234
1500	48	56	104		456	14:45	231	225
1515	63	62	125		468	15:00	235	233
1530	74	47	121		477	15:15	234	243
1545	46	60	106		495	15:30	220	275
1600	52	64	116		523	15:45	234	289
1615	62	72	134		555	16:00	258	297
1630	60	79	139		579	16:15	272	307
1645	60	74	134		583	16:30	284	299
1700	76	72	148		596	16:45	286	310
1715	76	82	158		562	17:00	258	304
1730	72	71	143		506	17:15	230	276
1745	62	85	147		457	17:30	200	257
1800	48	66	114		415	17:45	190	225
1815	48	54	102		382	18:00	186	196
1830	42	52	94		342	18:15	164	178
1845	52	53	105		311	18:30	155	156
1900	44	37	81		242	18:45	119	123
1915	26	36	62		210	19:00	99	111
1930	33	30	63		185	19:15	91	94
1945	16	20	36		185	19:30	88	97
2000	24	25	49		185	19:45	88	97
2015	18	19	37		176	20:00	86	90
2030	30	33	63		172	20:15	84	88
2045	16	20	36		161	20:30	80	81
2100	22	18	40		160	20:45	82	78
2115	16	17	33		150	21:00	80	70
2130	26	26	52		144	21:15	76	68
2145	18	17	35		113	21:30	66	47
2200	20	10	30		90	21:45	52	38
2215	12	15	27		73	22:00	40	33
2230	16	5	21		59	22:15	35	24
2245	4	8	12		50	22:30	26	24
2300	8	5	13		52	22:45	28	24
2315	7	6	13		47	23:00	24	23
2330	7	5	12			23:15	17	17
2345	6	8	14					
2400	4	4	8					

# FDOE HWC# 110001



**Hazardous Walking Condition ID: 110001**  
**Field Inspection Photos**



Photo No. 1: Date & Time: 2018:07:18 12:25:59 / Photo Direction of View: 173°



Photo No. 2: Date & Time: 2018:07:18 12:37:23 / Photo Direction of View: 353°

**Hazardous Walking Condition ID: 110001**  
**Field Inspection Photos -- Continued**



**Photo No. 3:** Date & Time: 2018:07:18 12:37:58 / Photo Direction of View: 179°



**Photo No. 4:** Date & Time: 2018:07:18 12:38:06 / Photo Direction of View: 182°

# FDOE HWC# 110001



**Hazardous Walking Condition ID: 110001**  
**Field Inspection Photos**



**Photo No. 2: Photo Direction of View: 0°**



**Photo No. 3: Photo Direction of View: 310°**

**Hazardous Walking Condition ID: 110001**  
**Field Inspection Photos -- Continued**



**Photo No. 4: Photo Direction of View: 150°**



**Photo No. 5: Photo Direction of View: 40°**