



Hillsborough TPO
Transportation
Planning Organization

Multimodal Traffic Counts

On Hillsborough County's High Injury Network



Traditional Counts v Multimodal Counts

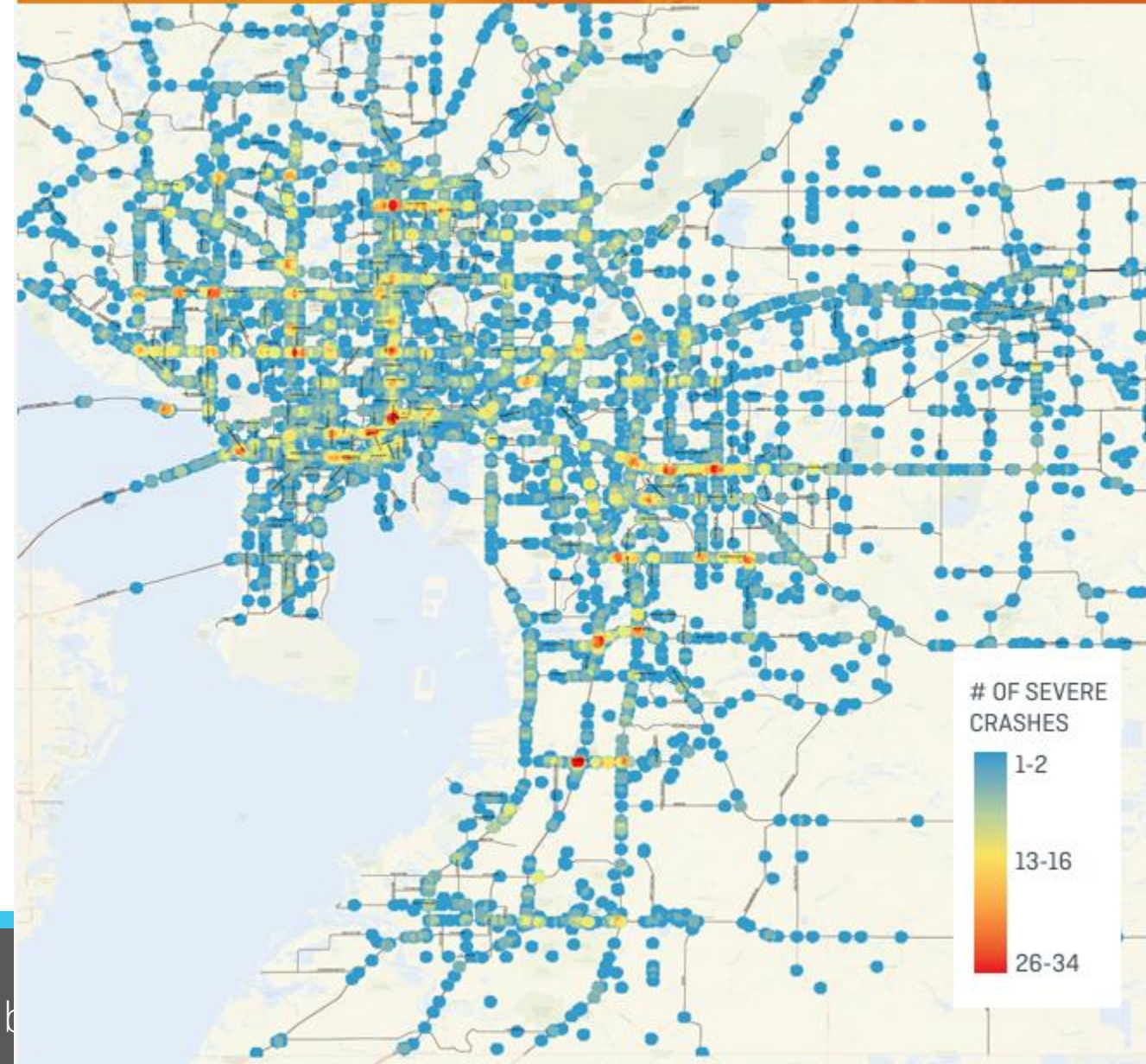
- Traditional Counts focus on motor vehicles and help determine a congestion-centric Level of Service
- Multimodal counts document the number of people:
 - On foot
 - On bikes
 - How they engage with the facility



High Injury Network Corridors

- Corridors with high rates of crashes, focusing on fatalities, serious injuries, and vulnerable users
- Part of Vision Zero Action Plan adopted in 2017
- **Current effort – to understand how many people are using these corridors on foot and on bikes**

FATAL AND INCAPACITATING INJURY CRASHES
ALL MODES (2012-2016)



Source: Crash Data Management System, Florida Department of Transportation



Count Locations

80 locations throughout the county



Counts Conducted Via Video Capture



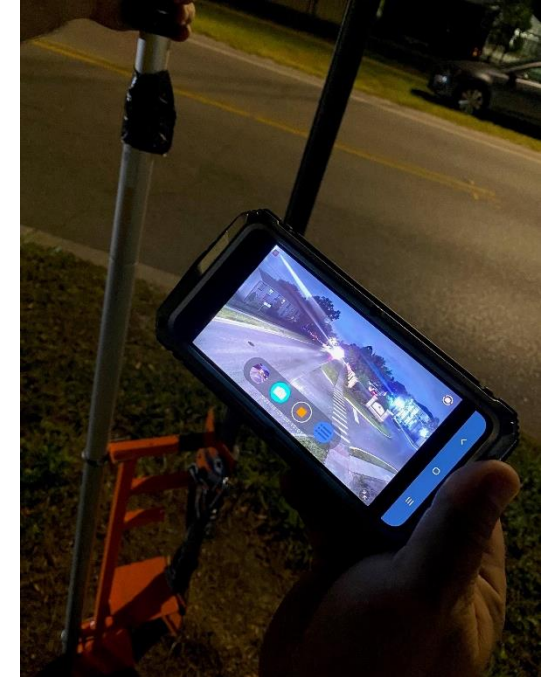
Camera beneath box housing battery and recording device



Attached securely to public property



Telescoped for optimal vantage



Confirm ideal view and operations



Post-Collection Processing

- User type
- Where users were recorded
 - Roadway
 - Median lane
 - Designated bicycle facility
 - Sidewalk
 - Off path
 - Multi-purpose path
- Direction in individual diagrams

Loc #	StreetName	Count	Date	PEDESTRIANS						BIKES								
				Roadway	Median Lane	Designated Bicycle Facility	Sidewalk	Off Path	Multi-Purpose Path	Roadway	Median Lane	Designated Bicycle Facility	Sidewalk	Off Path	Multi-Purpose Path			
1	Bayshore Blvd N/O W Gandy Blvd	133	10/12/2023	2	-	-	2	119	0	-	-	2	-	-	38	6	0	-
2	MacDill Ave	134	10/4/2023	2	-	-	3	-	0	-	-	5	-	-	51	28	0	-
3	Memorial Hwy S/O Hillsborough Ave	135	9/28/2023	0	-	-	-	71	1	-	-	0	-	-	-	49	0	-
4	CR 587 Gunn Hwy E/O Lynn Rd/Turner Rd	136	9/28/2023	2	-	-	-	22	1	-	-	20	-	-	-	38	0	-
5	Bloomingdale Ave E/O Providence Rd	137	10/3/2023	1	-	-	-	2	34	2	-	2	-	-	3	38	0	-
6	Big Bend Rd W/O I-75	138	10/11/2023	0	-	-	-	-	-	0	-	1	-	-	-	10	0	-
7	CR 584/Waters Ave W/O Manhattan Ave	139	10/12/2023	0	-	-	-	0	35	0	-	2	-	-	-	42	0	-
8	Bloomingdale Ave W/O Lithia Pinecrest Rd	140	10/3/2023	0	-	-	-	1	582	1	-	1	-	-	28	61	0	-
9	Fletcher Ave W/O Bruce B Downs Blvd	141	11/7/2023	1	-	-	-	10	484	25	-	2	-	-	38	166	1	-
10	E Waters Ave E/O N Florida Ave	151	11/7/2023	16	-	-	-	-	179	0	-	24	-	-	-	50	0	-
11	Sligh Ave E/O M.L.K. Jr Blvd	152	10/12/2023	0	-	-	-	-	52	0	-	5	-	-	-	22	0	-
12	CR 589 N/O W Hillsborough Ave	153	9/28/2023	1	-	-	-	0	87	1	-	1	-	-	5	44	0	-
13	Lithia-Pinecrest Rd E/O CR 39	154	10/11/2023	2	-	-	-	-	31	0	-	0	-	-	-	0	0	-
14	Fletcher Ave E/O Rome Ave	155	10/26/2023	0	0	-	-	-	3	0	-	3	0	-	-	60	0	-
15	Howard Ave NB N/O Cypress St	156	10/4/2023	0	-	-	-	-	124	0	-	28	-	-	-	79	0	-
16	Gunn Hwy W/O Marbrisa Dr	157	9/28/2023	5	-	-	-	-	20	1	-	27	-	-	-	28	0	-
17	MacDill Ave N/O Kennedy Blvd	158	10/4/2023	2	-	-	-	1	51	0	-	5	-	-	35	38	0	-
18	W Waters Ave W/O Florida Ave	159	11/7/2023	6	-	-	-	-	163	0	-	8	-	-	-	130	0	-
19	CR 579 N/O M.L.K. Jr Blvd	167	11/30/2023	8	-	-	-	-	294	44	-	35	-	-	-	40	5	-
20	13th St N/O E Hillsborough Ave	168	11/14/2023	15	-	-	-	-	-	0	-	13	-	-	-	0	0	-
21	Waters Ave E/O Himes Ave	169	9/28/2023	1	-	-	-	-	99	0	-	3	-	-	-	70	0	-
22	78th St N/O Causeway Blvd	170	10/11/2023	0	-	3	-	-	221	0	-	13	-	3	-	121	0	-
23	Gray St W/O Mac Dill Ave	171	11/7/2023	26	-	-	-	-	0	4	-	33	-	-	-	0	0	-
24	Big Bend Rd E/O I-75	172	10/11/2023	2	-	-	-	-	-	5	-	0	-	-	-	0	0	-
25	Big Bend Rd Bet. US Hwy 301 & Summerfield Blvd	173	10/3/2023	0	-	-	-	-	87	0	-	1	-	-	-	59	0	-
26	N Florida Ave N/O Waters Ave	174	11/7/2023	38	-	-	-	0	288	15	-	23	-	-	6	69	0	-
27	Big Bend Rd Bet. Summerfield Blvd & Balm-Riverview Rd	175	10/3/2023	1	-	-	-	-	60	1	-	3	-	-	-	65	0	-
28	Bloomingdale Ave Bet. US Hwy 301 & Kings Ave	176	10/11/2023	2	-	-	-	-	78	1	-	7	-	-	-	36	0	-
29	Bloomingdale Ave W/O Kings Ave	177	10/3/2023	2	0	-	-	-	63	0	-	5	0	-	-	43	0	-
30	Bloomingdale Ave W/O John Moore Rd	178	10/3/2023	0	0	-	-	-	36	0	-	2	0	-	-	38	0	-
31	Bloomingdale Ave W/O Lithia Pinecrest Rd	179	10/3/2023	1	-	-	-	0	119	2	-	1	-	-	11	75	0	-
32	Boyette Rd E/O 301	180	10/3/2023	0	-	-	-	2	71	2	-	0	-	-	4	35	0	-
33	30th St N/O Fletcher Ave	181	10/26/2023	0	-	-	-	16	214	1	-	1	-	-	31	64	1	-
34	30th St S/O Fletcher Ave	182	10/26/2023	0	-	-	-	-	20	168	0	1	-	-	38	78	0	-
35	Fletcher Ave E/O Armenia Ave	183	10/26/2023	7	0	-	-	-	71	38	-	1	0	-	-	41	0	-
36	Fletcher Ave E/O Bruce B Downs Blvd	184	10/26/2023	0	-	-	-	13	223	0	-	1	-	-	23	94	0	-
37	Gibsonton Dr E/O I-75	185	10/3/2023	2	-	-	-	-	21	0	-	7	-	-	-	32	2	-
38	Gunn Hwy E/O Citrus Park Ln	186	9/28/2023	0	-	-	-	-	56	4	-	2	-	-	-	61	0	-
39	Gunn Hwy Bet. Linebaugh Ave & Plantation Blvd	187	9/28/2023	0	-	-	-	-	30	0	-	2	-	-	-	23	0	-
40	Gunn Hwy S/O Linebaugh Ave	188	10/26/2023	7	-	-	-	-	-	4	-	33	-	-	-	1	0	-
41	Lithia Pinecrest Rd Bet. Keyesville Rd & Polk County Line	189	10/11/2023	0	-	-	-	-	-	-	-	1	-	-	-	-	1	-
42	Causeway Blvd E/O US Hwy 301	190	10/11/2023	9	-	-	-	0	24	1	-	11	-	-	5	26	1	-
43	Azeale St W/O Henderson Blvd	191	11/7/2023	12	-	-	-	-	48	59	-	15	-	-	-	3	1	-
44	Memorial Hwy W/O George Rd	192	10/4/2023	0	-	-	-	-	23	0	-	4	-	-	-	26	0	-
45	Sheldon Rd N/O Hillsborough Ave	193	10/4/2023	2	-	-	-	2	69	5	-	2	-	-	6	54	0	-
46	Progress Blvd E/O Falkenburg Rd	194	10/3/2023	7	-	-	-	4	20	9	-	4	-	-	16	5	0	-
47	Sheldon Rd N/O Countryside Village Blvd	195	9/28/2023	0	-	-	-	3	79	0	-	0	-	-	24	87	0	-
48	Waters Ave E/O Sheldon Rd	196	9/28/2023	3	-	-	-	-	115	0	-	11	-	-	-	116	0	-
49	15th St Bet. Fowler Ave & Fletcher Ave	197	10/26/2023	4	-	-	-	-	461	2	-	23	-	-	-	201	0	-
50	Fletcher Ave W/O 15th St	198	10/26/2023	9	-	-	-	-	143	0	-	4	-	-	23	103	1	-
51	Waters Ave W/O Benjamin Rd	199	10/4/2023	0	-	-	-	3	75	6	-	1	-	-	-	36	0	-
52	Armenia Ave Bet. Kennedy Blvd & Columbus Dr	200	10/4/2023	1	-	-	-	-	46	0	-	15	-	-	-	78	0	-
53	Armenia Ave Bet. Columbus Dr & Tampa Bay Blvd	201	10/12/2023	3	-	-	-	1	69	0	-	10	-	-	33	22	0	-
54	Armenia Ave Bet. Tampa Bay Blvd & M.L.K. Jr Blvd	202	10/4/2023	0	-	-	-	-	106	0	-	14	-	-	-	74	0	-
55	Gibsonton Dr W/O US 301	203	11/7/2023	3	-	-	-	-	73	1	-	4	-	-	-	28	0	-



Initial Results – Most Users on Foot

Location	Total Pedestrians over 24 Hours
Bayshore Blvd N/O W Gandy Blvd	692
Bloomington Ave W/O Lithia Pinecrest Rd	584
Fletcher Ave W/O Bruce B Downs Blvd	520
15th St Bet. Fowler Ave & Fletcher Ave	467
Old Big Bend Rd W/O I-75	440
CR 579 N/O M.L.K. Jr Blvd	346
N Florida Ave N/O Waters Ave	341
Howard Ave Bet. Cass St & Cypress St	258
Fletcher Ave E/O Bruce B Downs Blvd	236
30th St N/O Fletcher Ave	231
78th St N/O Causeway Blvd	224



Initial Results – Most Users on Bikes

Location	Total Bicyclists over 24 Hours
15th St between Fowler Ave & Fletcher Ave	224
Fletcher Ave W/O Bruce B Downs Blvd	207
Bayshore Blvd N/O W Gandy Blvd	190
W Waters Ave W/O Florida Ave	138
78th St N/O Causeway Blvd	137
Hanley Rd between Hillsborough Ave & Wilsky Blvd	136
Fletcher Ave W/O 15th St	131
MacDill Ave between Kennedy Blvd & I-275	130
Waters Ave E/O Sheldon Rd	127
Fletcher Ave E/O Bruce B Downs Blvd	118



Analysis Recommendations

- Relationship with HIN safety results?
- Relationship with high-risk locations?
- High volumes + gaps and/or needed improvements to active transportation network?
- Low volumes between higher volume locations? Indicate users are or feel unsafe?
- Users on intended facility?



Questions/Discussion

