

APPENDIX D: TRAFFIC DATA AND ANALYSIS

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Page 1

Date Start: 22-Aug-24

Date End: 22-Aug-24

EB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
08/22/24	1	0	0	1	0	2	1	5	2	2	2	0	0	0	0	16
00:15	0	0	0	1	2	1	3	1	2	1	0	0	0	0	1	12
00:30	0	0	0	0	2	1	0	1	4	2	1	0	0	0	0	11
00:45	0	0	0	0	0	1	0	0	2	1	0	0	0	0	0	4
01:00	1	0	0	2	4	5	4	7	10	6	3	0	0	0	1	43
01:15	0	0	0	0	2	0	2	1	0	0	0	0	0	0	0	5
01:30	0	0	0	2	0	2	1	0	0	0	0	0	0	0	0	5
01:45	0	0	0	0	0	2	1	2	0	0	1	1	0	0	1	8
02:00	0	0	0	2	2	6	5	4	2	0	2	1	0	0	1	25
02:15	0	0	0	0	0	0	1	1	1	0	0	2	0	0	0	5
02:30	0	0	0	0	0	0	0	0	2	1	0	1	0	0	0	4
02:45	0	0	0	1	0	0	1	1	0	2	1	0	0	0	0	6
03:00	0	0	0	2	0	2	2	3	4	3	1	3	0	0	0	5
03:15	0	0	0	0	0	0	1	3	0	1	0	0	0	1	0	20
03:30	0	1	0	0	1	0	0	4	0	0	0	0	0	1	1	6
03:45	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	8
04:00	0	1	0	0	1	2	4	8	1	5	2	0	0	2	1	3
04:15	0	0	0	0	0	0	1	4	2	1	0	0	1	0	0	9
04:30	0	0	0	0	0	1	0	1	3	1	3	0	1	0	0	10
04:45	0	0	0	1	1	1	1	1	1	4	2	2	1	0	0	15
05:00	0	0	0	0	0	1	1	1	3	0	2	1	1	0	0	10
05:15	0	0	0	1	1	3	3	7	9	6	7	3	4	0	0	44
05:30	0	0	0	1	1	6	0	2	5	5	2	2	0	1	0	25
05:45	0	0	0	1	0	1	5	5	6	3	3	3	0	0	0	27
06:00	0	0	0	2	1	10	5	14	3	5	6	0	1	1	1	49
06:15	0	0	0	2	2	5	10	10	4	3	2	2	0	1	1	41
06:30	0	0	0	3	5	10	20	22	35	15	13	13	2	2	2	142
06:45	0	0	0	1	3	4	13	11	15	5	5	2	0	0	1	60
07:00	2	0	1	1	3	7	14	22	21	7	2	3	0	1	0	84
07:15	1	0	0	3	4	9	24	26	23	15	3	2	0	0	0	110
07:30	4	0	0	1	6	7	23	37	19	7	8	3	2	0	0	117
07:45	7	0	1	6	16	27	74	96	78	34	18	10	2	1	1	371
08:00	0	1	0	4	9	24	49	41	25	18	4	4	1	1	0	181
08:15	2	2	13	23	36	39	47	52	23	5	2	0	0	0	0	244
08:30	0	0	0	3	18	70	69	43	23	9	5	2	0	0	0	242
08:45	3	3	3	12	31	56	67	56	20	5	4	1	1	1	0	263
09:00	5	6	16	42	94	189	232	192	91	37	15	7	2	2	0	930
09:15	1	3	2	7	24	58	59	31	22	1	1	1	0	0	0	210
09:30	0	0	0	2	9	40	67	29	17	11	5	2	0	0	0	182
09:45	1	1	0	5	14	36	52	32	19	8	3	0	0	0	0	171
10:00	0	0	2	6	7	31	51	38	25	7	1	1	2	0	0	171
10:15	2	4	4	20	54	165	229	130	83	27	10	4	2	0	0	734
10:30	1	1	1	9	12	20	28	30	10	12	3	1	0	0	0	128
10:45	1	1	3	5	13	37	38	25	14	16	2	3	0	0	0	158
11:00	1	0	1	2	13	30	24	29	16	2	3	1	0	0	0	122
11:15	0	1	0	1	8	18	35	17	18	6	2	2	0	1	0	109
11:30	3	3	5	17	46	105	125	101	58	36	10	7	0	1	0	517
11:45	0	2	1	6	7	14	27	17	10	10	1	2	1	1	0	99
12:00	0	0	1	1	8	25	35	23	19	6	0	0	0	0	0	118
12:15	0	0	2	5	8	18	22	16	7	5	1	2	0	0	0	86
12:30	0	0	1	5	11	25	30	16	13	6	1	2	0	0	0	110
12:45	0	2	5	17	34	82	114	72	49	27	3	6	1	1	0	413
13:00	1	0	1	8	13	21	17	16	20	5	4	0	1	0	0	107
13:15	0	0	4	7	6	14	26	19	4	1	6	2	0	0	0	89
13:30	0	1	0	4	12	30	26	20	6	3	2	1	0	0	0	105
13:45	0	1	1	8	15	27	20	18	6	3	4	0	1	0	0	104
Total	1	2	6	27	46	92	89	73	36	12	16	3	2	0	0	405

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Page 2

Date Start: 22-Aug-24

Date End: 22-Aug-24

EB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
12 PM	0	0	5	8	15	26	25	22	7	6	1	1	1	0	0	117
12:15	1	2	2	13	22	24	25	21	14	1	2	0	0	1	1	129
12:30	0	1	2	10	23	33	22	24	10	8	3	0	1	0	0	137
12:45	0	0	2	4	17	25	32	19	13	2	4	0	0	0	0	118
	1	3	11	35	77	108	104	86	44	17	10	1	2	1	1	501
13:00	0	0	2	4	15	17	33	20	9	7	1	0	0	0	0	108
13:15	0	0	0	3	15	26	21	23	13	3	1	0	0	1	0	106
13:30	2	0	0	7	14	27	29	20	11	4	4	0	0	0	0	118
13:45	1	1	2	12	21	27	31	28	10	2	6	0	1	0	0	142
	3	1	4	26	65	97	114	91	43	16	12	0	1	1	0	474
14:00	0	0	2	3	17	27	28	19	15	6	1	0	0	0	0	118
14:15	0	1	1	4	16	37	34	19	13	5	4	0	0	1	0	135
14:30	0	0	4	8	18	30	37	18	10	6	1	1	0	0	0	133
14:45	0	1	2	3	19	30	39	26	8	5	3	0	0	0	0	136
	0	2	9	18	70	124	138	82	46	22	9	1	0	1	0	522
15:00	1	1	0	6	14	39	33	24	12	4	3	0	0	0	0	137
15:15	0	1	4	13	20	32	26	13	9	4	3	1	0	0	0	126
15:30	0	2	5	9	24	34	30	18	9	2	1	1	0	0	0	135
15:45	0	1	4	6	29	32	36	26	12	2	0	0	0	0	0	148
	1	5	13	34	87	137	125	81	42	12	7	2	0	0	0	546
16:00	1	1	7	16	43	40	29	23	6	1	0	0	0	0	0	167
16:15	0	0	6	13	31	35	44	22	14	5	0	0	0	1	0	171
16:30	0	0	4	6	16	35	44	30	20	2	1	1	0	0	0	159
16:45	0	2	3	14	22	29	41	30	10	5	2	3	0	0	0	161
	1	3	20	49	112	139	158	105	50	13	3	4	0	1	0	658
17:00	0	0	0	6	29	34	35	30	9	3	0	2	1	0	0	149
17:15	0	1	0	11	34	50	46	20	8	3	0	1	0	0	0	174
17:30	2	0	1	6	25	35	40	28	6	5	0	0	0	0	0	148
17:45	0	1	0	5	30	33	39	29	15	3	4	1	0	0	0	160
	2	2	1	28	118	152	160	107	38	14	4	4	1	0	0	631
18:00	0	2	4	8	20	33	42	26	14	5	4	0	0	0	1	159
18:15	0	0	4	5	34	29	28	25	20	6	2	2	0	1	0	156
18:30	0	0	1	5	13	28	23	19	14	9	1	0	1	0	0	114
18:45	0	0	1	2	17	30	32	21	18	3	2	0	2	0	0	128
	0	2	10	20	84	120	125	91	66	23	9	2	3	1	1	557
19:00	0	2	2	5	10	18	35	30	10	5	2	0	1	0	0	120
19:15	1	0	2	7	12	31	25	14	11	3	4	0	0	0	1	111
19:30	0	0	1	5	4	16	29	25	12	12	3	0	0	0	0	107
19:45	0	0	1	5	10	19	17	18	10	7	1	2	0	0	0	90
	1	2	6	22	36	84	106	87	43	27	10	2	1	0	1	428
20:00	0	0	1	6	13	22	21	20	9	6	1	3	0	0	0	102
20:15	1	1	2	3	10	20	18	10	5	1	0	0	0	0	1	72
20:30	0	0	0	1	6	14	23	18	8	2	3	0	0	0	0	75
20:45	2	1	1	1	5	4	15	13	9	7	4	2	0	0	0	64
	3	2	4	11	34	60	77	61	31	16	8	5	0	0	1	313
21:00	0	0	1	3	9	11	15	16	12	1	2	0	0	0	0	70
21:15	0	0	2	4	7	13	12	12	7	4	3	1	1	0	0	66
21:30	0	1	0	1	10	10	8	15	11	6	4	0	1	0	0	67
21:45	0	0	4	1	8	9	13	13	6	4	3	0	0	0	0	61
	0	1	7	9	34	43	48	56	36	15	12	1	2	0	0	264
22:00	0	0	2	1	3	10	15	10	6	5	1	1	0	0	0	54
22:15	0	2	1	0	5	3	18	9	13	3	3	2	0	0	0	59
22:30	0	0	0	2	3	6	7	7	5	2	1	0	0	0	2	35
22:45	0	1	3	0	1	5	5	3	0	3	0	1	1	0	0	23
	0	3	6	3	12	24	45	29	24	13	5	4	1	0	2	171
23:00	0	0	0	0	1	3	7	5	4	0	1	0	0	1	0	22
23:15	0	0	0	2	1	4	2	10	6	7	1	1	0	0	0	34
23:30	0	0	0	0	2	3	3	13	3	2	2	0	0	0	0	28
23:45	0	0	0	0	2	0	13	2	5	2	3	0	1	0	0	28
	0	0	0	2	6	10	25	30	18	11	7	1	1	1	0	112
Total	12	26	91	257	735	1098	1225	906	481	199	96	27	12	6	6	5177
Total Stats	31	44	128	396	1038	1786	2126	1621	937	407	196	84	27	15	12	8848

15th Percentile : 32 MPH
50th Percentile : 41 MPH
85th Percentile : 50 MPH
95th Percentile : 57 MPH

Mean Speed(Average) : 42 MPH
10 MPH Pace Speed : 35-44 MPH
Number in Pace : 3913
Percent in Pace : 44.2%
Number of Vehicles > 35 MPH : 6854
Percent of Vehicles > 35 MPH : 77.5%

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 22-Aug-24
Date End: 22-Aug-24

WB																
Start	0	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Time	14	19	24	29	34	39	44	49	54	59	64	69	74	79	99	Total
08/22/24	0	1	1	0	4	4	4	1	0	0	1	0	0	0	0	16
00:15	0	0	2	2	2	5	3	4	0	0	0	0	0	0	0	18
00:30	0	0	0	0	2	3	2	3	2	0	0	0	0	0	0	12
00:45	1	1	2	1	2	5	2	0	0	0	0	0	0	0	0	14
01:00	1	2	5	3	10	17	11	8	2	0	1	0	0	0	0	60
01:15	0	1	0	4	1	3	5	3	0	1	0	0	0	0	0	18
01:30	0	0	1	1	2	6	2	3	0	0	0	0	0	0	0	15
01:45	0	1	1	0	0	1	1	2	0	0	0	0	0	0	0	6
02:00	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
02:15	0	2	2	5	3	10	8	11	0	1	0	0	0	0	0	42
02:30	0	0	0	1	1	5	0	1	0	0	0	0	0	0	0	8
02:45	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	4
03:00	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	4
03:15	0	0	2	0	1	2	3	0	0	0	0	0	0	0	0	8
03:30	0	0	2	2	5	8	5	2	0	0	0	0	0	0	0	24
03:45	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	5
04:00	0	0	1	0	0	1	1	0	2	0	0	0	0	0	0	5
04:15	0	0	0	2	1	3	1	0	0	0	0	0	0	0	0	7
04:30	0	0	0	0	2	1	3	1	0	0	0	0	0	0	0	8
04:45	0	0	1	2	5	7	4	3	2	1	0	0	0	0	0	25
05:00	0	0	0	0	1	0	1	0	1	0	1	0	0	0	0	4
05:15	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
05:30	0	0	0	0	2	3	3	1	1	0	0	0	0	0	0	10
05:45	0	0	0	1	1	5	0	5	3	0	1	0	0	0	0	16
06:00	0	0	0	1	4	11	4	6	5	0	2	0	0	0	0	33
06:15	0	0	0	2	3	6	4	0	0	0	0	0	0	0	0	15
06:30	0	0	0	1	5	4	5	1	1	0	0	0	0	0	0	17
06:45	0	0	0	1	2	13	10	3	1	0	0	0	0	0	0	30
07:00	0	1	1	1	4	6	10	5	1	1	0	0	0	0	0	30
07:15	0	1	1	5	14	29	29	9	3	1	0	0	0	0	0	92
07:30	0	0	0	2	8	15	12	0	2	1	0	0	0	0	0	40
07:45	0	1	2	3	2	20	14	10	3	0	0	0	0	0	0	55
08:00	0	0	1	2	11	20	18	11	1	0	0	0	0	0	0	64
08:15	0	0	3	8	16	19	28	8	6	0	0	0	0	0	0	88
08:30	0	1	6	15	37	74	72	29	12	1	0	0	0	0	0	247
08:45	1	1	2	12	27	30	18	11	1	0	0	0	0	0	0	103
09:00	0	1	2	20	48	63	32	10	1	1	0	0	0	0	0	178
09:15	0	2	4	7	45	61	46	18	4	0	0	0	0	0	0	187
09:30	0	2	3	19	82	78	25	4	1	0	0	0	0	0	0	214
09:45	1	6	11	58	202	232	121	43	7	1	0	0	0	0	0	682
10:00	0	4	7	29	63	47	19	6	0	0	0	0	0	0	0	175
10:15	2	1	2	15	57	36	26	3	1	0	0	0	0	0	0	143
10:30	0	4	3	20	42	38	20	5	2	0	0	0	0	0	0	134
10:45	0	5	3	18	23	42	34	10	1	1	0	0	0	0	0	137
11:00	2	14	15	82	185	163	99	24	4	1	0	0	0	0	0	589
11:15	0	2	4	10	34	33	20	8	1	0	0	0	0	0	0	112
11:30	2	1	2	15	22	49	23	6	2	0	0	0	0	0	0	122
11:45	0	2	2	16	19	32	17	6	1	0	0	0	0	0	0	95
12:00	0	3	3	6	21	35	20	6	2	0	1	0	0	0	0	97
12:15	2	8	11	47	96	149	80	26	6	0	1	0	0	0	0	426
12:30	0	3	4	9	26	19	19	4	0	1	0	0	0	0	0	85
12:45	1	0	3	15	30	35	17	7	1	0	0	0	0	0	0	109
13:00	1	0	1	11	33	31	25	3	0	0	0	0	0	0	0	105
13:15	0	0	4	18	33	25	21	3	1	0	0	0	0	0	0	105
13:30	2	3	12	53	122	110	82	17	2	1	0	0	0	0	0	404
13:45	0	1	6	18	21	34	17	2	1	0	0	0	0	0	0	100
14:00	0	0	1	9	45	41	11	2	0	0	0	0	0	0	0	109
14:15	0	2	5	13	34	44	24	2	0	0	0	0	0	0	0	124
14:30	0	2	3	14	36	45	16	6	1	1	1	0	0	0	0	125
14:45	0	5	15	54	136	164	68	12	2	1	1	0	0	0	0	458
Total	8	42	81	327	819	974	583	190	45	8	5	0	0	0	0	3082

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 22-Aug-24

Date End: 22-Aug-24

WB																
Start	0	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Time	14	19	24	29	34	39	44	49	54	59	64	69	74	79	99	Total
12 PM	1	4	9	15	36	44	13	2	0	0	0	0	0	0	0	124
12:15	0	4	6	25	34	39	19	8	1	0	0	0	0	0	0	136
12:30	1	3	8	14	43	40	15	7	1	0	1	0	0	0	0	133
12:45	0	3	8	32	41	20	13	3	0	0	0	0	0	0	0	120
	2	14	31	86	154	143	60	20	2	0	1	0	0	0	0	513
13:00	0	3	4	19	57	43	7	2	0	0	0	0	0	0	0	135
13:15	0	1	3	27	47	33	15	2	0	0	0	0	0	0	0	128
13:30	3	3	3	20	30	47	15	4	3	0	0	0	0	0	0	128
13:45	0	1	8	24	48	38	14	5	0	0	0	0	0	0	0	138
	3	8	18	90	182	161	51	13	3	0	0	0	0	0	0	529
14:00	1	3	9	14	55	54	16	3	2	0	0	1	0	0	0	158
14:15	0	1	4	32	60	47	12	4	1	0	0	0	0	0	0	161
14:30	0	4	9	17	52	54	20	7	0	0	0	0	0	0	0	163
14:45	2	0	7	28	58	41	15	2	3	0	0	0	0	0	0	156
	3	8	29	91	225	196	63	16	6	0	0	1	0	0	0	638
15:00	0	1	11	55	73	50	14	5	0	0	0	0	0	0	0	209
15:15	1	4	10	39	38	53	22	3	0	1	0	0	0	0	0	171
15:30	0	1	8	26	62	51	26	4	0	0	0	0	0	0	0	178
15:45	3	4	9	33	82	49	19	4	0	0	0	0	0	0	0	203
	4	10	38	153	255	203	81	16	0	1	0	0	0	0	0	761
16:00	3	7	9	37	93	45	7	4	0	0	0	0	0	0	0	205
16:15	0	3	13	32	71	42	13	4	0	0	0	0	0	0	0	178
16:30	0	3	10	52	93	46	15	0	0	0	0	0	0	0	0	219
16:45	1	1	6	23	63	81	17	4	1	0	0	0	0	0	0	197
	4	14	38	144	320	214	52	12	1	0	0	0	0	0	0	799
17:00	0	2	14	38	91	70	17	3	1	0	0	0	0	0	0	236
17:15	0	2	5	28	90	77	22	4	1	0	0	0	0	0	0	229
17:30	0	1	8	56	87	60	18	3	1	0	0	0	0	0	0	234
17:45	4	2	6	26	69	70	22	5	0	0	0	0	0	0	0	204
	4	7	33	148	337	277	79	15	3	0	0	0	0	0	0	903
18:00	0	2	1	29	53	63	21	5	0	0	0	0	0	0	0	174
18:15	1	1	15	34	57	61	27	5	1	0	0	0	0	0	0	202
18:30	0	2	5	17	63	54	10	9	0	0	0	0	0	0	0	160
18:45	0	2	9	13	36	52	17	4	2	0	0	0	0	0	0	135
	1	7	30	93	209	230	75	23	3	0	0	0	0	0	0	671
19:00	0	3	13	33	38	41	12	5	0	0	0	0	0	0	0	145
19:15	1	5	8	21	53	49	12	2	1	0	0	0	0	0	0	152
19:30	1	2	2	19	26	59	22	3	0	0	1	0	0	0	0	135
19:45	0	2	4	14	43	39	20	1	0	0	0	0	0	0	0	123
	2	12	27	87	160	188	66	11	1	0	1	0	0	0	0	555
20:00	0	2	4	12	37	36	30	4	2	0	0	0	0	0	0	127
20:15	0	1	5	13	26	37	18	9	1	0	0	0	0	0	0	110
20:30	0	4	4	12	34	32	17	4	3	1	0	0	0	0	0	111
20:45	0	1	3	10	20	30	15	3	0	0	1	0	0	0	0	83
	0	8	16	47	117	135	80	20	6	1	1	0	0	0	0	431
21:00	0	1	5	13	29	29	18	1	0	0	0	0	0	0	0	96
21:15	0	2	8	9	19	22	20	4	3	1	0	0	1	0	0	89
21:30	0	1	3	11	16	21	13	3	1	0	0	0	0	0	0	69
21:45	1	2	6	8	19	18	11	4	1	0	0	0	0	0	0	70
	1	6	22	41	83	90	62	12	5	1	0	0	1	0	0	324
22:00	0	2	4	5	9	13	10	7	2	0	0	0	0	0	0	52
22:15	0	1	3	7	4	20	15	5	0	0	0	0	0	0	0	55
22:30	0	0	1	5	5	20	11	4	0	1	0	0	0	0	0	47
22:45	0	1	3	5	3	15	8	4	1	0	0	0	0	0	0	40
	0	4	11	22	21	68	44	20	3	1	0	0	0	0	0	194
23:00	0	0	2	1	9	11	15	5	1	0	0	0	0	0	0	44
23:15	0	1	2	5	10	10	9	4	2	0	0	0	0	0	0	43
23:30	0	0	5	6	4	6	4	1	0	0	0	0	0	0	0	26
23:45	0	1	0	0	3	6	12	4	0	0	0	0	0	0	0	26
	0	2	9	12	26	33	40	14	3	0	0	0	0	0	0	139
Total	24	100	302	1014	2089	1938	753	192	36	4	3	1	1	0	0	6457
Total Stats	32	142	383	1341	2908	2912	1336	382	81	12	8	1	1	0	0	9539

15th Percentile : 27 MPH
50th Percentile : 33 MPH
85th Percentile : 40 MPH
95th Percentile : 44 MPH

Mean Speed(Average) : 34 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 5821
Percent in Pace : 61.0%
Number of Vehicles > 35 MPH : 4151
Percent of Vehicles > 35 MPH : 43.5%

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 22-Aug-24
Date End: 22-Aug-24

EB, WB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
08/22/24	1	1	1	1	4	6	5	6	2	2	3	0	0	0	0	32
00:15	0	0	2	3	4	6	6	5	2	1	0	0	0	0	1	30
00:30	0	0	0	0	4	4	2	4	6	2	1	0	0	0	0	23
00:45	1	1	2	1	2	6	2	0	2	1	0	0	0	0	0	18
01:00	2	2	5	5	14	22	15	15	12	6	4	0	0	0	1	103
01:15	0	1	0	4	3	3	7	4	0	1	0	0	0	0	0	23
01:30	0	0	1	3	2	8	3	3	0	0	0	0	0	0	0	20
01:45	0	1	1	0	0	3	2	3	2	0	1	0	0	0	0	13
02:00	0	0	0	0	0	2	1	5	0	0	1	1	0	0	1	11
02:15	0	2	2	7	5	16	13	15	2	1	2	1	0	0	1	67
02:30	0	0	0	1	1	5	1	2	1	0	0	2	0	0	0	13
02:45	0	0	0	1	1	1	0	1	2	1	0	1	0	0	0	8
03:00	0	0	0	1	2	0	3	1	0	2	1	0	0	0	0	10
03:15	0	0	2	1	1	4	3	1	1	0	0	0	0	0	0	13
03:30	0	0	2	4	5	10	7	5	4	3	1	3	0	0	0	44
03:45	0	0	0	0	2	2	2	3	0	1	0	0	0	1	0	11
04:00	0	1	1	0	1	1	1	4	2	0	0	0	0	1	1	13
04:15	0	0	0	2	1	3	1	0	0	2	1	0	0	0	0	10
04:30	0	0	0	0	2	3	4	4	1	3	1	0	0	0	0	18
04:45	0	1	1	2	6	9	8	11	3	6	2	0	0	2	1	52
05:00	0	0	0	0	1	0	2	4	3	1	1	0	1	0	0	13
05:15	0	0	0	0	0	4	0	1	3	1	3	0	1	0	0	13
05:30	0	0	0	1	3	4	4	2	2	4	2	2	1	0	0	25
05:45	0	0	0	1	1	6	1	6	6	0	3	1	1	0	0	26
06:00	0	0	0	2	5	14	7	13	14	6	9	3	4	0	0	77
06:15	0	0	0	3	4	12	4	2	5	5	2	2	0	1	0	40
06:30	0	0	0	2	5	5	10	6	7	3	3	3	0	0	0	44
06:45	0	0	0	2	4	14	20	8	15	3	5	6	0	1	1	79
07:00	0	1	1	1	6	8	15	15	11	5	3	2	2	0	1	71
07:15	0	1	1	8	19	39	49	31	38	16	13	13	2	2	2	234
07:30	0	0	0	3	11	19	25	11	17	6	5	2	0	0	1	100
07:45	2	1	3	4	5	27	28	32	24	7	2	3	0	1	0	139
08:00	1	0	1	5	15	29	42	37	24	15	3	2	0	0	0	174
08:15	4	0	3	9	22	26	51	45	25	7	8	3	2	0	0	205
08:30	7	1	7	21	53	101	146	125	90	35	18	10	2	1	1	618
08:45	1	2	2	16	36	54	67	52	26	18	4	4	1	1	0	284
09:00	2	3	15	43	84	102	79	62	24	6	2	0	0	0	0	422
09:15	0	2	4	10	63	131	115	61	27	9	5	2	0	0	0	429
09:30	3	5	6	31	113	134	92	60	21	5	4	1	1	1	0	477
09:45	6	12	27	100	296	421	353	235	98	38	15	7	2	2	0	1612
10:00	1	7	9	36	87	105	78	37	22	1	1	1	0	0	0	385
10:15	2	1	2	17	66	76	93	32	18	11	5	2	0	0	0	325
10:30	1	5	3	25	56	74	72	37	21	8	3	0	0	0	0	305
10:45	0	5	5	24	30	73	85	48	26	8	1	1	2	0	0	308
11:00	4	18	19	102	239	328	328	154	87	28	10	4	2	0	0	1323
11:15	1	3	5	19	46	53	48	38	11	12	3	1	0	0	0	240
11:30	3	2	5	20	35	86	61	31	16	16	2	3	0	0	0	280
11:45	1	2	3	18	32	62	41	35	17	2	3	1	0	0	0	217
12:00	0	4	3	7	29	53	55	23	20	6	3	2	0	1	0	206
12:15	5	11	16	64	142	254	205	127	64	36	11	7	0	1	0	943
12:30	0	5	5	15	33	33	46	21	10	11	1	2	1	1	0	184
12:45	1	0	4	16	38	60	52	30	20	6	0	0	0	0	0	227
13:00	1	0	3	16	41	49	47	19	7	5	1	2	0	0	0	191
13:15	0	0	5	23	44	50	51	19	14	6	1	2	0	0	0	215
13:30	2	5	17	70	156	192	196	89	51	28	3	6	1	1	0	817
13:45	1	1	7	26	34	55	34	18	21	5	4	0	1	0	0	207
14:00	0	0	5	16	51	55	37	21	4	1	6	2	0	0	0	198
14:15	0	3	5	17	46	74	50	22	6	3	2	1	0	0	0	229
14:30	0	3	4	22	51	72	36	24	7	4	5	0	1	0	0	229
14:45	1	7	21	81	182	256	157	85	38	13	17	3	2	0	0	863
Total	27	60	118	466	1122	1662	1484	905	501	216	105	57	15	9	6	6753

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 22-Aug-24

Date End: 22-Aug-24

EB, WB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
12 PM	1	4	14	23	51	70	38	24	7	6	1	1	1	0	0	241
12:15	1	6	8	38	56	63	44	29	15	1	2	0	0	1	1	265
12:30	1	4	10	24	66	73	37	31	11	8	4	0	1	0	0	270
12:45	0	3	10	36	58	45	45	22	13	2	4	0	0	0	0	238
	3	17	42	121	231	251	164	106	46	17	11	1	2	1	1	1014
13:00	0	3	6	23	72	60	40	22	9	7	1	0	0	0	0	243
13:15	0	1	3	30	62	59	36	25	13	3	1	0	0	1	0	234
13:30	5	3	3	27	44	74	44	24	14	4	4	0	0	0	0	246
13:45	1	2	10	36	69	65	45	33	10	2	6	0	1	0	0	280
	6	9	22	116	247	258	165	104	46	16	12	0	1	1	0	1003
14:00	1	3	11	17	72	81	44	22	17	6	1	1	0	0	0	276
14:15	0	2	5	36	76	84	46	23	14	5	4	0	0	1	0	296
14:30	0	4	13	25	70	84	57	25	10	6	1	1	0	0	0	296
14:45	2	1	9	31	77	71	54	28	11	5	3	0	0	0	0	292
	3	10	38	109	295	320	201	98	52	22	9	2	0	1	0	1160
15:00	1	2	11	61	87	89	47	29	12	4	3	0	0	0	0	346
15:15	1	5	14	52	58	85	48	16	9	5	3	1	0	0	0	297
15:30	0	3	13	35	86	85	56	22	9	2	1	1	0	0	0	313
15:45	3	5	13	39	111	81	55	30	12	2	0	0	0	0	0	351
	5	15	51	187	342	340	206	97	42	13	7	2	0	0	0	1307
16:00	4	8	16	53	136	85	36	27	6	1	0	0	0	0	0	372
16:15	0	3	19	45	102	77	57	26	14	5	0	0	0	1	0	349
16:30	0	3	14	58	109	81	59	30	20	2	1	1	0	0	0	378
16:45	1	3	9	37	85	110	58	34	11	5	2	3	0	0	0	358
	5	17	58	193	432	353	210	117	51	13	3	4	0	1	0	1457
17:00	0	2	14	44	120	104	52	33	10	3	0	2	1	0	0	385
17:15	0	3	5	39	124	127	68	24	9	3	0	1	0	0	0	403
17:30	2	1	9	62	112	95	58	31	7	5	0	0	0	0	0	382
17:45	4	3	6	31	99	103	61	34	15	3	4	1	0	0	0	364
	6	9	34	176	455	429	239	122	41	14	4	4	1	0	0	1534
18:00	0	4	5	37	73	96	63	31	14	5	4	0	0	0	1	333
18:15	1	1	19	39	91	90	55	30	21	6	2	2	0	1	0	358
18:30	0	2	6	22	76	82	33	28	14	9	1	0	1	0	0	274
18:45	0	2	10	15	53	82	49	25	20	3	2	0	2	0	0	263
	1	9	40	113	293	350	200	114	69	23	9	2	3	1	1	1228
19:00	0	5	15	38	48	59	47	35	10	5	2	0	1	0	0	265
19:15	2	5	10	28	65	80	37	16	12	3	4	0	0	0	1	263
19:30	1	2	3	24	30	75	51	28	12	12	4	0	0	0	0	242
19:45	0	2	5	19	53	58	37	19	10	7	1	2	0	0	0	213
	3	14	33	109	196	272	172	98	44	27	11	2	1	0	1	983
20:00	0	2	5	18	50	58	51	24	11	6	1	3	0	0	0	229
20:15	1	2	7	16	36	57	36	19	6	1	0	0	0	0	1	182
20:30	0	4	4	13	40	46	40	22	11	3	3	0	0	0	0	186
20:45	2	2	4	11	25	34	30	16	9	7	5	2	0	0	0	147
	3	10	20	58	151	195	157	81	37	17	9	5	0	0	1	744
21:00	0	1	6	16	38	40	33	17	12	1	2	0	0	0	0	166
21:15	0	2	10	13	26	35	32	16	10	5	3	1	2	0	0	155
21:30	0	2	3	12	26	31	21	18	12	6	4	0	1	0	0	136
21:45	1	2	10	9	27	27	24	17	7	4	3	0	0	0	0	131
	1	7	29	50	117	133	110	68	41	16	12	1	3	0	0	588
22:00	0	2	6	6	12	23	25	17	8	5	1	1	0	0	0	106
22:15	0	3	4	7	9	23	33	14	13	3	3	2	0	0	0	114
22:30	0	0	1	7	8	26	18	11	5	3	1	0	0	0	2	82
22:45	0	2	6	5	4	20	13	7	1	3	0	1	1	0	0	63
	0	7	17	25	33	92	89	49	27	14	5	4	1	0	2	365
23:00	0	0	2	1	10	14	22	10	5	0	1	0	0	1	0	66
23:15	0	1	2	7	11	14	11	14	8	7	1	1	0	0	0	77
23:30	0	0	5	6	6	9	7	14	3	2	2	0	0	0	0	54
23:45	0	1	0	0	5	6	25	6	5	2	3	0	1	0	0	54
	0	2	9	14	32	43	65	44	21	11	7	1	1	1	0	251
Total	36	126	393	1271	2824	3036	1978	1098	517	203	99	28	13	6	6	11634
Total Stats	63	186	511	1737	3946	4698	3462	2003	1018	419	204	85	28	15	12	18387

15th Percentile : 29 MPH

50th Percentile : 36 MPH

85th Percentile : 46 MPH

95th Percentile : 53 MPH

Mean Speed(Average) : 38 MPH

10 MPH Pace Speed : 30-39 MPH

Number in Pace : 8646

Percent in Pace : 47.0%

Number of Vehicles > 35 MPH : 11005

Percent of Vehicles > 35 MPH : 59.9%

Marlin Engineering Inc.3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309Date Start: 22-Aug-24
Date End: 22-Aug-24

Start Time	22-Aug-24 Thu	EB	WB	Total
12:00 AM		16	16	32
12:15		12	18	30
12:30		11	12	23
12:45		4	14	18
01:00		5	18	23
01:15		5	15	20
01:30		7	6	13
01:45		8	3	11
02:00		5	8	13
02:15		4	4	8
02:30		6	4	10
02:45		5	8	13
03:00		6	5	11
03:15		8	5	13
03:30		3	7	10
03:45		10	8	18
04:00		9	4	13
04:15		10	3	13
04:30		15	10	25
04:45		10	16	26
05:00		25	15	40
05:15		27	17	44
05:30		49	30	79
05:45		41	30	71
06:00		60	40	100
06:15		84	55	139
06:30		110	64	174
06:45		117	88	205
07:00		181	103	284
07:15		244	178	422
07:30		242	187	429
07:45		263	214	477
08:00		210	175	385
08:15		182	143	325
08:30		171	134	305
08:45		171	137	308
09:00		128	112	240
09:15		158	122	280
09:30		122	95	217
09:45		109	97	206
10:00		99	85	184
10:15		118	109	227
10:30		86	105	191
10:45		110	105	215
11:00		107	100	207
11:15		89	109	198
11:30		105	124	229
11:45		104	125	229
Total		3671	3082	6753
Percent		54.4%	45.6%	
Peak	-	07:15	07:15	07:15
Vol.	-	959	754	1713
P.H.F.		0.912	0.881	0.898

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 22-Aug-24
Date End: 22-Aug-24

Start Time	22-Aug-24 Thu	EB	WB							Total
12:00 PM		117	124							241
12:15		129	136							265
12:30		137	133							270
12:45		118	120							238
01:00		108	135							243
01:15		106	128							234
01:30		118	128							246
01:45		142	138							280
02:00		118	158							276
02:15		135	161							296
02:30		133	163							296
02:45		136	156							292
03:00		137	209							346
03:15		126	171							297
03:30		135	178							313
03:45		148	203							351
04:00		167	205							372
04:15		171	178							349
04:30		159	219							378
04:45		161	197							358
05:00		149	236							385
05:15		174	229							403
05:30		148	234							382
05:45		160	204							364
06:00		159	174							333
06:15		156	202							358
06:30		114	160							274
06:45		128	135							263
07:00		120	145							265
07:15		111	152							263
07:30		107	135							242
07:45		90	123							213
08:00		102	127							229
08:15		72	110							182
08:30		75	111							186
08:45		64	83							147
09:00		70	96							166
09:15		66	89							155
09:30		67	69							136
09:45		61	70							131
10:00		54	52							106
10:15		59	55							114
10:30		35	47							82
10:45		23	40							63
11:00		22	44							66
11:15		34	43							77
11:30		28	26							54
11:45		28	26							54
Total		5177	6457							11634
Percent		44.5%	55.5%							
Peak	-	16:00	17:00	-	-	-	-	-	-	17:00
Vol.	-	658	903	-	-	-	-	-	-	1534
P.H.F.		0.962	0.957							0.952
Grand Total		8848	9539							18387
Percent		48.1%	51.9%							
ADT		ADT 18,387	AADT 18,387							

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Page 1

Date Start: 24-Aug-24

Date End: 24-Aug-24

EB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
08/24/24	0	0	1	0	0	7	2	4	3	0	0	0	0	0	0	17
00:15	0	0	0	4	1	5	8	9	6	0	0	1	0	0	0	34
00:30	0	0	0	1	1	6	6	3	2	2	0	0	0	0	0	21
00:45	0	0	0	0	2	1	8	4	5	2	1	0	0	0	0	23
01:00	0	0	1	5	4	19	24	20	16	4	1	1	0	0	0	95
01:15	0	0	0	1	1	1	5	3	1	0	0	0	0	0	0	12
01:30	0	0	0	0	0	3	1	5	3	1	2	1	0	0	0	16
01:45	0	0	0	1	1	3	3	4	3	2	2	1	1	0	0	21
02:00	0	0	1	1	0	1	0	2	2	0	1	0	1	0	0	9
02:15	0	0	1	3	2	8	9	14	9	3	5	2	2	0	0	58
02:30	0	0	1	0	1	1	2	2	4	2	0	0	0	0	0	13
02:45	0	0	0	2	0	0	1	3	1	1	2	0	0	0	0	10
03:00	0	0	0	0	0	0	0	3	0	0	0	0	1	0	0	4
03:15	0	0	0	1	0	0	0	3	1	2	0	1	0	2	0	10
03:30	0	0	1	3	1	1	3	11	6	5	2	1	1	2	0	37
03:45	0	0	0	1	0	0	1	2	2	0	0	0	0	0	0	6
04:00	0	0	0	0	2	0	0	1	0	0	0	0	0	0	0	3
04:15	0	0	0	0	0	0	0	2	4	0	0	0	0	0	0	6
04:30	0	0	0	1	0	0	0	2	0	0	1	0	0	0	0	9
04:45	0	0	0	1	1	0	1	2	4	2	0	0	1	1	0	13
05:00	0	0	1	2	2	5	3	11	10	2	2	1	1	1	0	39
05:15	0	0	0	0	0	3	3	3	1	2	2	1	0	0	1	16
05:30	0	0	0	1	1	0	4	7	2	0	2	0	0	0	0	17
05:45	0	0	1	0	0	1	2	6	4	2	1	0	0	0	0	17
06:00	1	0	0	0	1	3	2	8	1	4	6	2	0	0	0	28
06:15	1	0	1	1	2	7	11	24	8	8	11	3	0	0	1	78
06:30	0	0	0	0	0	1	5	4	7	5	2	2	0	0	1	27
06:45	1	0	1	0	1	5	3	9	9	3	1	3	0	0	0	36
07:00	0	0	0	1	1	4	5	12	9	2	2	0	0	0	0	36
07:15	1	0	0	1	4	2	9	5	7	6	3	0	0	0	0	38
07:30	2	0	1	2	6	12	22	30	32	16	8	5	0	0	1	137
07:45	0	0	0	2	3	8	10	5	2	3	2	0	1	0	0	36
08:00	1	0	0	2	4	11	16	8	9	4	3	2	0	0	0	60
08:15	0	0	0	4	4	12	9	17	8	9	5	1	2	1	0	68
08:30	0	0	0	1	6	6	21	23	16	11	4	3	2	1	0	94
08:45	1	0	0	5	17	37	56	53	35	27	14	6	5	2	0	258
09:00	0	0	0	0	7	12	21	18	18	5	4	1	1	0	0	87
09:15	0	0	0	0	9	7	18	23	18	8	6	2	0	0	0	91
09:30	0	1	0	8	5	9	21	24	17	9	4	1	0	0	0	99
09:45	0	0	1	2	5	10	17	12	14	12	5	1	0	0	0	79
10:00	0	1	1	10	26	38	77	77	67	34	19	5	1	0	0	356
10:15	0	0	0	5	12	21	21	20	20	8	5	1	0	0	0	113
10:30	1	0	1	2	8	15	27	25	9	12	2	1	0	0	0	103
10:45	2	0	0	1	12	19	14	24	21	13	5	1	1	0	2	115
11:00	1	0	1	3	8	12	33	16	12	12	5	1	0	0	0	104
11:15	4	0	2	11	40	67	95	85	62	45	17	4	1	0	2	435
11:30	2	1	1	3	13	17	31	24	7	6	1	1	1	0	2	110
11:45	0	0	4	6	4	17	25	23	20	8	6	3	2	1	0	119
12:00	0	0	2	2	11	21	33	23	20	8	2	2	0	0	0	124
12:15	1	1	1	4	13	38	36	16	13	10	2	0	0	0	0	135
12:30	3	2	8	15	41	93	125	86	60	32	11	6	3	1	2	488
12:45	0	0	0	9	13	13	26	21	15	11	4	0	0	1	0	113
13:00	1	1	0	7	16	29	40	29	14	7	1	0	1	0	0	146
13:15	0	1	0	5	23	46	36	13	10	7	2	2	0	0	0	145
13:30	1	0	0	4	12	20	18	19	9	8	9	2	0	0	0	102
13:45	2	2	0	25	64	108	120	82	48	33	16	4	1	1	0	506
Total	13	5	16	83	207	395	549	499	361	209	107	38	15	8	6	2511

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Page 2

Date Start: 24-Aug-24

Date End: 24-Aug-24

EB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
12 PM	0	0	0	14	13	23	27	27	16	9	3	1	0	0	0	133
12:15	0	0	2	3	13	24	26	21	13	4	3	1	0	0	0	110
12:30	0	1	2	5	16	16	27	27	8	2	4	0	0	0	0	108
12:45	18	1	5	6	22	15	18	15	7	0	1	0	0	0	0	108
	18	2	9	28	64	78	98	90	44	15	11	2	0	0	0	459
13:00	0	0	0	4	15	27	34	16	15	4	2	1	1	1	0	120
13:15	2	2	3	6	29	22	23	24	19	7	3	1	0	1	0	142
13:30	0	0	0	6	17	29	26	30	9	2	2	1	0	0	0	122
13:45	0	1	1	3	11	39	33	31	13	5	2	0	0	1	0	140
	2	3	4	19	72	117	116	101	56	18	9	3	1	3	0	524
14:00	0	1	6	5	23	39	32	16	6	3	1	0	0	0	0	132
14:15	1	1	3	8	22	25	18	22	11	7	2	1	0	1	0	122
14:30	0	2	3	8	16	28	38	20	13	4	1	0	0	0	0	133
14:45	0	0	3	7	13	26	28	19	12	1	3	0	0	0	0	112
	1	4	15	28	74	118	116	77	42	15	7	1	0	1	0	499
15:00	0	1	0	11	23	28	26	27	8	4	5	0	1	0	0	134
15:15	1	1	4	5	10	35	39	22	7	7	0	1	0	0	1	133
15:30	0	0	0	6	22	18	35	26	13	9	2	1	1	0	0	133
15:45	0	3	6	9	27	34	44	17	10	5	0	1	0	0	0	156
	1	5	10	31	82	115	144	92	38	25	7	3	2	0	1	556
16:00	0	2	1	8	14	19	23	16	16	3	2	2	0	0	0	106
16:15	0	0	2	9	21	31	22	19	9	6	0	1	1	0	0	121
16:30	2	0	1	2	21	28	18	15	13	6	3	2	1	0	1	113
16:45	1	0	1	4	17	25	25	18	10	3	5	1	0	0	0	110
	3	2	5	23	73	103	88	68	48	18	10	6	2	0	1	450
17:00	0	0	1	6	10	38	32	22	16	2	2	2	2	0	0	133
17:15	1	0	0	3	11	24	19	18	14	6	4	1	1	0	0	102
17:30	0	1	0	7	13	19	14	24	17	8	4	1	1	0	0	109
17:45	0	1	2	2	4	19	24	25	12	6	3	0	0	1	0	99
	1	2	3	18	38	100	89	89	59	22	13	4	4	1	0	443
18:00	0	2	1	6	15	30	41	22	10	7	1	0	0	1	0	136
18:15	0	1	3	3	12	15	26	18	16	4	5	1	1	0	0	105
18:30	1	0	0	1	12	15	26	21	16	7	4	1	2	0	0	106
18:45	0	1	1	3	10	14	25	21	12	2	5	2	0	0	0	96
	1	4	5	13	49	74	118	82	54	20	15	4	3	1	0	443
19:00	0	0	1	3	10	14	23	23	15	8	4	2	0	0	0	103
19:15	0	0	2	3	8	20	22	18	13	6	2	2	1	0	1	98
19:30	0	0	2	5	14	24	22	13	11	4	3	1	2	0	0	101
19:45	0	0	1	4	7	23	26	24	9	2	2	2	0	1	0	101
	0	0	6	15	39	81	93	78	48	20	11	7	3	1	1	403
20:00	0	3	0	2	11	18	18	13	8	7	3	1	0	1	1	86
20:15	1	0	2	7	15	20	17	11	4	4	0	0	1	0	0	82
20:30	0	0	1	4	6	13	18	15	10	5	1	0	1	0	0	74
20:45	1	0	2	3	10	20	23	10	9	3	2	0	0	1	0	84
	2	3	5	16	42	71	76	49	31	19	6	1	2	2	1	326
21:00	0	0	0	3	9	10	10	15	6	11	1	0	0	0	0	65
21:15	1	0	0	4	10	14	19	14	14	4	2	2	0	0	0	84
21:30	0	0	0	3	7	9	14	12	11	1	2	1	0	0	0	60
21:45	0	0	0	3	5	14	19	14	9	9	0	0	1	0	0	74
	1	0	0	13	31	47	62	55	40	25	5	3	1	0	0	283
22:00	0	0	1	3	5	10	13	9	12	8	1	3	0	1	2	68
22:15	0	0	1	1	5	10	9	11	7	6	1	1	0	1	0	53
22:30	0	0	0	4	12	6	14	14	8	6	0	0	0	0	0	64
22:45	0	0	0	0	2	1	13	12	5	3	1	0	1	0	1	39
	0	0	2	8	24	27	49	46	32	23	3	4	1	2	3	224
23:00	0	0	1	0	3	4	8	17	9	6	4	0	0	0	0	52
23:15	0	0	0	2	0	4	10	7	6	3	2	1	0	0	0	35
23:30	0	0	0	1	3	6	7	10	3	2	1	0	0	1	0	34
23:45	0	0	0	0	4	7	8	8	1	1	2	0	1	0	0	32
	0	0	1	3	10	21	33	42	19	12	9	1	1	1	0	153
Total	30	25	65	215	598	952	1082	869	511	232	106	39	20	12	7	4763
Total Stats	43	30	81	298	805	1347	1631	1368	872	441	213	77	35	20	13	7274

15th Percentile : 32 MPH
50th Percentile : 42 MPH
85th Percentile : 52 MPH
95th Percentile : 58 MPH

Mean Speed(Average) : 43 MPH
10 MPH Pace Speed : 40-49 MPH
Number in Pace : 3000
Percent in Pace : 41.2%
Number of Vehicles > 35 MPH : 5748
Percent of Vehicles > 35 MPH : 79.0%

Marlin Engineering Inc.3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 24-Aug-24

Date End: 24-Aug-24

WB																
Start	0	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Time	14	19	24	29	34	39	44	49	54	59	64	69	74	79	99	Total
08/24/24																
00:00	0	0	4	4	9	13	4	3	1	0	0	0	0	0	0	38
00:15	1	0	0	5	15	18	8	4	0	0	0	0	0	0	0	51
00:30	0	0	5	5	9	15	10	1	0	0	0	0	0	0	0	45
00:45	0	0	2	0	5	11	7	1	0	0	0	0	0	0	0	26
01:00	1	0	11	14	38	57	29	9	1	0	0	0	0	0	0	160
01:15	0	0	1	0	3	7	7	2	1	0	0	0	0	0	0	21
01:30	0	0	0	4	1	5	2	0	0	0	0	0	0	0	0	12
01:45	0	0	0	0	1	3	4	3	0	0	0	0	0	0	0	11
02:00	0	0	1	1	3	4	6	2	2	1	0	0	0	0	0	20
02:15	0	0	2	5	8	19	19	7	3	1	0	0	0	0	0	64
02:30	0	0	0	2	2	2	2	1	1	0	0	0	0	0	0	10
02:45	0	0	5	1	1	3	1	1	0	0	0	0	0	0	0	12
03:00	0	0	0	1	0	3	4	1	1	0	0	0	0	0	0	10
03:15	0	0	3	1	3	5	1	1	0	0	0	0	0	0	0	14
03:30	0	0	8	5	6	13	8	4	2	0	0	0	0	0	0	46
03:45	0	0	0	1	0	4	0	0	0	0	0	0	0	0	0	5
04:00	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	5
04:15	0	0	1	1	2	1	3	0	0	0	0	0	0	0	0	8
04:30	0	0	0	1	0	5	2	3	0	0	0	0	0	0	0	15
04:45	0	0	0	0	1	3	5	3	0	0	0	0	0	0	0	12
05:00	0	0	0	2	7	13	7	11	4	1	0	1	0	0	0	46
05:15	0	0	0	1	4	1	2	1	0	0	0	0	0	0	0	9
05:30	0	0	1	0	5	4	2	2	0	0	0	0	0	0	0	14
05:45	1	0	1	1	2	4	3	3	1	0	0	0	0	0	0	16
06:00	0	0	0	0	3	7	2	1	0	0	0	0	0	0	0	13
06:15	1	0	2	2	14	16	9	7	1	0	0	0	0	0	0	52
06:30	0	0	0	2	3	10	3	3	0	0	0	0	0	0	0	21
06:45	0	0	1	3	3	10	5	3	1	0	0	0	0	0	0	26
07:00	0	1	1	3	5	10	8	2	1	1	0	1	0	0	0	33
07:15	0	1	0	2	5	8	4	5	1	0	0	0	0	0	0	26
07:30	0	2	2	10	16	38	20	13	3	1	0	1	0	0	0	106
07:45	0	0	0	3	10	15	4	6	2	0	0	0	0	0	0	40
08:00	0	2	0	3	12	14	13	5	1	0	0	0	0	0	0	50
08:15	0	0	3	5	17	25	10	3	0	0	0	0	0	0	0	63
08:30	1	0	0	7	17	21	16	2	2	0	1	0	0	0	0	67
08:45	1	2	3	18	56	75	43	16	5	0	1	0	0	0	0	220
09:00	2	0	4	7	14	14	16	3	0	0	0	0	0	0	0	60
09:15	0	2	1	9	27	24	14	5	0	0	0	0	0	0	0	82
09:30	0	0	3	14	21	40	16	3	0	0	0	0	0	0	0	97
09:45	0	0	3	13	35	26	13	5	2	1	0	0	0	0	0	98
10:00	2	2	11	43	97	104	59	16	2	1	0	0	0	0	0	337
10:15	1	1	3	16	26	34	8	1	1	1	0	0	0	0	0	92
10:30	1	3	2	20	39	37	18	5	0	1	0	0	0	0	0	126
10:45	0	0	1	7	22	46	19	4	1	0	0	0	0	0	0	100
11:00	0	1	2	11	36	55	16	6	1	0	0	0	0	0	0	128
11:15	2	5	8	54	123	172	61	16	3	2	0	0	0	0	0	446
11:30	1	1	3	10	39	45	20	1	1	0	0	0	0	0	0	121
11:45	0	6	6	19	32	28	17	7	1	0	0	0	0	0	0	116
12:00	1	1	2	16	34	42	15	5	2	0	0	0	0	0	0	118
12:15	1	2	5	7	29	45	25	8	1	0	0	0	0	0	0	123
12:30	3	10	16	52	134	160	77	21	5	0	0	0	0	0	0	478
12:45	0	1	4	23	27	41	20	5	2	0	0	0	0	0	0	123
13:00	0	2	2	29	36	42	21	8	0	0	0	0	0	0	0	140
13:15	1	0	1	11	40	47	17	4	3	0	0	0	0	0	0	124
13:30	0	2	5	17	38	53	19	3	0	1	0	0	0	0	0	138
13:45	1	5	12	80	141	183	77	20	5	1	0	0	0	0	0	525
Total	11	26	76	288	646	861	414	143	34	7	1	2	0	0	0	2509

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Page 4

Date Start: 24-Aug-24

Date End: 24-Aug-24

WB																
Start	0	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Time	14	19	24	29	34	39	44	49	54	59	64	69	74	79	99	Total
12 PM	0	1	7	22	46	29	17	6	0	0	0	0	0	0	0	128
12:15	0	1	8	19	57	51	20	6	0	0	0	0	0	0	0	162
12:30	0	1	7	16	58	49	27	5	2	0	0	0	0	0	0	165
12:45	0	1	11	30	49	42	9	5	2	0	0	0	0	0	0	149
	0	4	33	87	210	171	73	22	4	0	0	0	0	0	0	604
13:00	0	2	4	8	31	54	23	4	1	0	0	0	0	0	0	127
13:15	1	2	3	20	57	51	17	4	0	0	0	0	0	0	0	155
13:30	1	2	5	17	42	65	19	5	2	1	1	0	0	0	0	160
13:45	1	5	14	27	56	39	20	3	0	0	0	0	0	0	0	165
	3	11	26	72	186	209	79	16	3	1	1	0	0	0	0	607
14:00	0	2	10	24	48	36	9	2	2	0	0	0	0	0	0	133
14:15	2	0	6	37	43	40	6	1	0	0	0	0	0	0	0	135
14:30	0	2	12	20	48	32	17	0	2	0	0	0	0	0	0	133
14:45	0	4	9	27	46	37	12	0	0	0	0	0	0	0	0	135
	2	8	37	108	185	145	44	3	4	0	0	0	0	0	0	536
15:00	0	3	8	35	54	40	9	2	0	0	0	0	0	0	0	151
15:15	0	0	5	17	58	36	16	5	1	0	0	0	0	0	0	138
15:30	0	0	8	16	50	43	19	5	3	1	0	0	0	0	0	145
15:45	1	1	6	21	40	53	12	1	0	0	0	0	0	0	0	135
	1	4	27	89	202	172	56	13	4	1	0	0	0	0	0	569
16:00	0	1	10	34	40	42	26	2	0	0	0	0	0	0	0	155
16:15	2	1	6	30	51	42	14	6	0	0	0	0	0	0	0	152
16:30	0	2	5	21	33	51	11	3	1	0	0	0	0	0	0	127
16:45	0	1	5	21	43	49	11	2	0	0	0	0	0	0	0	132
	2	5	26	106	167	184	62	13	1	0	0	0	0	0	0	566
17:00	0	1	10	29	32	42	21	4	1	0	0	0	0	0	0	140
17:15	0	0	6	20	50	33	11	1	3	0	0	0	0	0	0	124
17:30	0	4	1	12	43	41	18	5	0	0	0	0	0	0	0	124
17:45	0	3	3	7	29	33	20	9	0	0	0	0	0	0	0	104
	0	8	20	68	154	149	70	19	4	0	0	0	0	0	0	492
18:00	1	3	6	12	30	39	13	2	0	1	0	0	0	0	0	107
18:15	0	2	2	15	29	33	18	4	0	0	1	0	0	0	0	104
18:30	0	0	1	20	64	45	14	2	0	0	0	0	0	0	0	146
18:45	0	1	9	29	32	23	11	4	0	0	0	0	0	0	0	109
	1	6	18	76	155	140	56	12	0	1	1	0	0	0	0	466
19:00	1	0	5	14	33	38	17	9	0	0	0	0	0	0	0	117
19:15	1	0	3	12	26	36	21	6	0	0	0	0	0	0	0	105
19:30	0	1	7	21	46	43	19	5	0	0	0	0	0	0	0	142
19:45	2	2	4	11	34	27	21	3	0	0	0	0	0	0	0	104
	4	3	19	58	139	144	78	23	0	0	0	0	0	0	0	468
20:00	1	3	2	26	30	37	8	3	1	0	1	0	0	0	0	112
20:15	2	1	3	22	41	37	15	2	1	1	0	0	0	0	0	125
20:30	0	4	1	14	21	31	7	1	3	2	0	0	0	0	0	84
20:45	0	1	7	17	22	17	8	2	0	1	0	0	0	0	0	75
	3	9	13	79	114	122	38	8	5	4	1	0	0	0	0	396
21:00	0	0	2	16	15	28	11	1	0	0	0	0	0	0	0	73
21:15	0	0	3	19	24	32	5	1	0	0	0	0	0	0	0	84
21:30	0	2	5	12	24	19	15	3	1	0	0	0	0	0	0	81
21:45	0	2	5	9	19	21	18	3	1	0	0	0	0	0	0	78
	0	4	15	56	82	100	49	8	2	0	0	0	0	0	0	316
22:00	1	0	3	11	15	25	9	3	0	0	0	0	0	0	0	67
22:15	1	1	3	7	20	19	12	3	0	0	0	0	0	0	0	66
22:30	0	1	5	7	13	13	11	5	0	0	0	0	0	0	0	55
22:45	0	0	0	3	9	11	10	8	2	0	0	0	0	0	0	43
	2	2	11	28	57	68	42	19	2	0	0	0	0	0	0	231
23:00	0	0	5	2	6	18	12	6	1	1	1	0	0	0	0	52
23:15	1	3	2	5	11	15	6	4	1	0	0	0	0	0	0	48
23:30	0	1	1	5	3	9	8	3	2	0	0	0	0	0	0	32
23:45	0	0	2	3	16	13	10	3	1	1	0	0	0	0	0	49
	1	4	10	15	36	55	36	16	5	2	1	0	0	0	0	181
Total	19	68	255	842	1687	1659	683	172	34	9	4	0	0	0	0	5432

Total

Stats

15th Percentile : 27 MPH

50th Percentile : 34 MPH

85th Percentile : 40 MPH

95th Percentile : 44 MPH

Mean Speed(Average) : 34 MPH

10 MPH Pace Speed : 30-39 MPH

Number in Pace : 4854

Percent in Pace : 61.1%

Number of Vehicles > 35 MPH : 3520

Percent of Vehicles > 35 MPH : 44.3%

Marlin Engineering Inc.3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 24-Aug-24

Date End: 24-Aug-24

EB, WB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
08/24/24	0	0	5	4	9	20	6	7	4	0	0	0	0	0	0	55
00:15	1	0	0	9	16	23	16	13	6	0	0	1	0	0	0	85
00:30	0	0	5	6	10	21	16	4	2	2	0	0	0	0	0	66
00:45	0	0	2	0	7	12	15	5	5	2	1	0	0	0	0	49
01:00	1	0	12	19	42	76	53	29	17	4	1	1	0	0	0	255
01:15	0	0	1	1	4	8	12	5	2	0	0	0	0	0	0	33
01:30	0	0	0	4	1	8	3	5	3	1	2	1	0	0	0	28
01:45	0	0	0	1	2	6	7	7	3	2	2	1	1	0	0	32
02:00	0	0	2	2	3	5	6	4	4	1	1	0	1	0	0	29
02:15	0	0	3	8	10	27	28	21	12	4	5	2	2	0	0	122
02:30	0	0	1	2	3	3	4	3	5	2	0	0	0	0	0	23
02:45	0	0	5	3	1	3	2	4	1	1	2	0	0	0	0	22
03:00	0	0	0	1	0	3	4	4	1	0	0	0	1	0	0	14
03:15	0	0	3	2	3	5	1	4	1	2	0	1	0	2	0	24
03:30	0	0	9	8	7	14	11	15	8	5	2	1	1	2	0	83
03:45	0	0	0	2	0	4	1	2	2	0	0	0	0	0	0	11
04:00	0	0	0	0	6	1	0	1	0	0	0	0	0	0	0	8
04:15	0	0	1	1	2	1	3	2	4	0	0	0	0	0	0	14
04:30	0	0	0	2	0	5	5	4	2	0	1	0	0	1	0	20
04:45	0	0	1	5	8	11	9	9	8	0	1	0	0	1	0	53
05:00	0	0	0	1	1	5	2	7	4	0	1	1	0	0	0	22
05:15	0	0	0	1	2	5	0	4	0	1	1	0	0	0	0	14
05:30	0	0	0	0	4	5	2	6	6	0	0	1	0	0	0	24
05:45	0	0	0	1	2	3	6	5	4	2	0	0	1	1	0	25
06:00	0	0	0	3	9	18	10	22	14	3	2	2	1	1	0	85
06:15	0	0	0	1	4	4	5	4	1	2	2	1	0	0	1	25
06:30	0	0	1	1	6	4	6	9	2	0	2	0	0	0	0	31
06:45	1	0	2	1	2	5	5	9	5	2	1	0	0	0	0	33
07:00	1	0	0	0	4	10	4	9	1	4	6	2	0	0	0	41
07:15	2	0	3	3	16	23	20	31	9	8	11	3	0	0	1	130
07:30	0	0	0	2	3	11	8	7	7	5	2	2	0	0	1	48
07:45	1	0	2	3	4	15	8	12	10	3	1	3	0	0	0	62
08:00	0	1	1	4	6	14	13	14	10	3	2	1	0	0	0	69
08:15	1	1	0	3	9	10	13	10	8	6	3	0	0	0	0	64
08:30	2	2	3	12	22	50	42	43	35	17	8	6	0	0	1	243
08:45	0	0	0	5	13	23	14	11	4	3	2	0	1	0	0	76
09:00	1	2	0	5	16	25	29	13	10	4	3	2	0	0	0	110
09:15	0	0	3	5	21	37	19	20	8	9	5	1	2	1	0	131
09:30	1	0	0	8	23	27	37	25	18	11	5	3	2	1	0	161
09:45	2	2	3	23	73	112	99	69	40	27	15	6	5	2	0	478
10:00	2	0	4	7	21	26	37	21	18	5	4	1	1	0	0	147
10:15	0	2	1	9	36	31	32	28	18	8	6	2	0	0	0	173
10:30	0	1	3	22	26	49	37	27	17	9	4	1	0	0	0	196
10:45	0	0	4	15	40	36	30	17	16	13	5	1	0	0	0	177
11:00	2	3	12	53	123	142	136	93	69	35	19	5	1	0	0	693
11:15	1	1	3	21	38	55	29	21	21	9	5	1	0	0	0	205
11:30	2	3	3	22	47	52	45	30	9	13	2	1	0	0	0	229
11:45	2	0	1	8	34	65	33	28	22	13	5	1	1	0	2	215
12:00	1	1	3	14	44	67	49	22	13	12	5	1	0	0	0	232
12:15	6	5	10	65	163	239	156	101	65	47	17	4	1	0	2	881
12:30	3	2	4	13	52	62	51	25	8	6	1	1	1	0	2	231
12:45	0	6	10	25	36	45	42	30	21	8	6	3	2	1	0	235
13:00	1	1	4	18	45	63	48	28	22	8	2	2	0	0	0	242
13:15	2	3	6	11	42	83	61	24	14	10	2	0	0	0	0	258
13:30	6	12	24	67	175	253	202	107	65	32	11	6	3	1	2	966
13:45	0	1	4	32	40	54	46	26	17	11	4	0	0	1	0	236
14:00	1	3	2	36	52	71	61	37	14	7	1	0	1	0	0	286
14:15	1	1	1	16	63	93	53	17	13	7	2	2	0	0	0	269
14:30	1	2	5	21	50	73	37	22	9	9	9	2	0	0	0	240
14:45	3	7	12	105	205	291	197	102	53	34	16	4	1	1	0	1031
Total	24	31	92	371	853	1256	963	642	395	216	108	40	15	8	6	5020

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 24-Aug-24

Date End: 24-Aug-24

EB, WB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
12 PM	0	1	7	36	59	52	44	33	16	9	3	1	0	0	0	261
12:15	0	1	10	22	70	75	46	27	13	4	3	1	0	0	0	272
12:30	0	2	9	21	74	65	54	32	10	2	4	0	0	0	0	273
12:45	18	2	16	36	71	57	27	20	9	0	1	0	0	0	0	257
	18	6	42	115	274	249	171	112	48	15	11	2	0	0	0	1063
13:00	0	2	4	12	46	81	57	20	16	4	2	1	1	1	0	247
13:15	3	4	6	26	86	73	40	28	19	7	3	1	0	1	0	297
13:30	1	2	5	23	59	94	45	35	11	3	3	1	0	0	0	282
13:45	1	6	15	30	67	78	53	34	13	5	2	0	0	1	0	305
	5	14	30	91	258	326	195	117	59	19	10	3	1	3	0	1131
14:00	0	3	16	29	71	75	41	18	8	3	1	0	0	0	0	265
14:15	3	1	9	45	65	65	24	23	11	7	2	1	0	1	0	257
14:30	0	4	15	28	64	60	55	20	15	4	1	0	0	0	0	266
14:45	0	4	12	34	59	63	40	19	12	1	3	0	0	0	0	247
	3	12	52	136	259	263	160	80	46	15	7	1	0	1	0	1035
15:00	0	4	8	46	77	68	35	29	8	4	5	0	1	0	0	285
15:15	1	1	9	22	68	71	55	27	8	7	0	1	0	0	1	271
15:30	0	0	8	22	72	61	54	31	16	10	2	1	1	0	0	278
15:45	1	4	12	30	67	87	56	18	10	5	0	1	0	0	0	291
	2	9	37	120	284	287	200	105	42	26	7	3	2	0	1	1125
16:00	0	3	11	42	54	61	49	18	16	3	2	2	0	0	0	261
16:15	2	1	8	39	72	73	36	25	9	6	0	1	1	0	0	273
16:30	2	2	6	23	54	79	29	18	14	6	3	2	1	0	1	240
16:45	1	1	6	25	60	74	36	20	10	3	5	1	0	0	0	242
	5	7	31	129	240	287	150	81	49	18	10	6	2	0	1	1016
17:00	0	1	11	35	42	80	53	26	17	2	2	2	2	0	0	273
17:15	1	0	6	23	61	57	30	19	17	6	4	1	1	0	0	226
17:30	0	5	1	19	56	60	32	29	17	8	4	1	1	0	0	233
17:45	0	4	5	9	33	52	44	34	12	6	3	0	0	1	0	203
	1	10	23	86	192	249	159	108	63	22	13	4	4	1	0	935
18:00	1	5	7	18	45	69	54	24	10	8	1	0	0	1	0	243
18:15	0	3	5	18	41	48	44	22	16	4	6	1	1	0	0	209
18:30	1	0	1	21	76	60	40	23	16	7	4	1	2	0	0	252
18:45	0	2	10	32	42	37	36	25	12	2	5	2	0	0	0	205
	2	10	23	89	204	214	174	94	54	21	16	4	3	1	0	909
19:00	1	0	6	17	43	52	40	32	15	8	4	2	0	0	0	220
19:15	1	0	5	15	34	56	43	24	13	6	2	2	1	0	1	203
19:30	0	1	9	26	60	67	41	18	11	4	3	1	2	0	0	243
19:45	2	2	5	15	41	50	47	27	9	2	2	2	0	1	0	205
	4	3	25	73	178	225	171	101	48	20	11	7	3	1	1	871
20:00	1	6	2	28	41	55	26	16	9	7	4	1	0	1	1	198
20:15	3	1	5	29	56	57	32	13	5	5	0	0	1	0	0	207
20:30	0	4	2	18	27	44	25	16	13	7	1	0	1	0	0	158
20:45	1	1	9	20	32	37	31	12	9	4	2	0	0	1	0	159
	5	12	18	95	156	193	114	57	36	23	7	1	2	2	1	722
21:00	0	0	2	19	24	38	21	16	6	11	1	0	0	0	0	138
21:15	1	0	3	23	34	46	24	15	14	4	2	2	0	0	0	168
21:30	0	2	5	15	31	28	29	15	12	1	2	1	0	0	0	141
21:45	0	2	5	12	24	35	37	17	10	9	0	0	1	0	0	152
	1	4	15	69	113	147	111	63	42	25	5	3	1	0	0	599
22:00	1	0	4	14	20	35	22	12	12	8	1	3	0	1	2	135
22:15	1	1	4	8	25	29	21	14	7	6	1	1	0	1	0	119
22:30	0	1	5	11	25	19	25	19	8	6	0	0	0	0	0	119
22:45	0	0	0	3	11	12	23	20	7	3	1	0	1	0	1	82
	2	2	13	36	81	95	91	65	34	23	3	4	1	2	3	455
23:00	0	0	6	2	9	22	20	23	10	7	5	0	0	0	0	104
23:15	1	3	2	7	11	19	16	11	7	3	2	1	0	0	0	83
23:30	0	1	1	6	6	15	15	13	5	2	1	0	0	1	0	66
23:45	0	0	2	3	20	20	18	11	2	2	2	0	1	0	0	81
	1	4	11	18	46	76	69	58	24	14	10	1	1	1	0	334
Total	49	93	320	1057	2285	2611	1765	1041	545	241	110	39	20	12	7	10195
Total Stats	73	124	412	1428	3138	3867	2728	1683	940	457	218	79	35	20	13	15215

15th Percentile : 29 MPH
50th Percentile : 37 MPH
85th Percentile : 47 MPH
95th Percentile : 54 MPH

Mean Speed(Average) : 39 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 7007
Percent in Pace : 46.1%
Number of Vehicles > 35 MPH : 9268
Percent of Vehicles > 35 MPH : 60.9%

Marlin Engineering Inc.3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Page 1

Date Start: 24-Aug-24
Date End: 24-Aug-24

Start Time	24-Aug-24 Sat	EB	WB							Total
12:00 AM		17	38							55
12:15		34	51							85
12:30		21	45							66
12:45		23	26							49
01:00		12	21							33
01:15		16	12							28
01:30		21	11							32
01:45		9	20							29
02:00		13	10							23
02:15		10	12							22
02:30		4	10							14
02:45		10	14							24
03:00		6	5							11
03:15		3	5							8
03:30		6	8							14
03:45		9	11							20
04:00		11	11							22
04:15		6	8							14
04:30		9	15							24
04:45		13	12							25
05:00		16	9							25
05:15		17	14							31
05:30		17	16							33
05:45		28	13							41
06:00		27	21							48
06:15		36	26							62
06:30		36	33							69
06:45		38	26							64
07:00		36	40							76
07:15		60	50							110
07:30		68	63							131
07:45		94	67							161
08:00		87	60							147
08:15		91	82							173
08:30		99	97							196
08:45		79	98							177
09:00		113	92							205
09:15		103	126							229
09:30		115	100							215
09:45		104	128							232
10:00		110	121							231
10:15		119	116							235
10:30		124	118							242
10:45		135	123							258
11:00		113	123							236
11:15		146	140							286
11:30		145	124							269
11:45		102	138							240
Total		2511	2509							5020
Percent		50.0%	50.0%							
Peak	-	10:45	11:00	-	-	-	-	-	-	10:45
Vol.	-	539	525	-	-	-	-	-	-	1049
P.H.F.		0.923	0.938							0.917

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 24-Aug-24
Date End: 24-Aug-24

Start Time	24-Aug-24 Sat	EB	WB							Total
12:00 PM		133	128							261
12:15		110	162							272
12:30		108	165							273
12:45		108	149							257
01:00		120	127							247
01:15		142	155							297
01:30		122	160							282
01:45		140	165							305
02:00		132	133							265
02:15		122	135							257
02:30		133	133							266
02:45		112	135							247
03:00		134	151							285
03:15		133	138							271
03:30		133	145							278
03:45		156	135							291
04:00		106	155							261
04:15		121	152							273
04:30		113	127							240
04:45		110	132							242
05:00		133	140							273
05:15		102	124							226
05:30		109	124							233
05:45		99	104							203
06:00		136	107							243
06:15		105	104							209
06:30		106	146							252
06:45		96	109							205
07:00		103	117							220
07:15		98	105							203
07:30		101	142							243
07:45		101	104							205
08:00		86	112							198
08:15		82	125							207
08:30		74	84							158
08:45		84	75							159
09:00		65	73							138
09:15		84	84							168
09:30		60	81							141
09:45		74	78							152
10:00		68	67							135
10:15		53	66							119
10:30		64	55							119
10:45		39	43							82
11:00		52	52							104
11:15		35	48							83
11:30		34	32							66
11:45		32	49							81
Total		4763	5432							10195
Percent		46.7%	53.3%							
Peak	-	15:00	13:15	-	-	-	-	-	-	13:15
Vol.	-	556	613	-	-	-	-	-	-	1149
P.H.F.		0.891	0.929							0.942
Grand Total		7274	7941							15215
Percent		47.8%	52.2%							
ADT		ADT 15,215	AADT 15,215							

Marlin Engineering Inc.3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 27-Aug-24

Date End: 27-Aug-24

EB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
08/27/24	0	0	0	0	0	0	2	2	1	4	1	1	0	0	0	11
00:15	0	0	0	1	0	1	1	4	1	2	1	0	0	0	0	11
00:30	0	0	0	0	2	1	6	3	2	1	0	1	0	0	0	16
00:45	0	0	0	0	4	1	2	0	3	0	0	2	0	0	0	12
01:00	0	0	0	1	6	3	11	9	7	7	2	4	0	0	0	50
01:15	0	0	1	0	0	0	1	1	1	2	0	0	0	0	0	6
01:30	0	0	0	1	0	0	5	1	1	0	0	0	0	0	0	8
01:45	0	0	0	0	0	1	1	2	0	1	1	0	0	0	0	6
02:00	0	1	0	0	0	0	2	0	0	1	1	0	0	0	0	5
02:15	0	1	1	1	0	1	9	4	2	4	2	0	0	0	0	25
02:30	0	0	0	0	1	0	2	2	0	0	3	2	0	0	0	10
02:45	0	0	0	0	0	1	0	1	1	0	0	0	1	0	0	4
03:00	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	3
03:15	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
03:30	0	0	0	0	0	2	1	0	0	1	0	0	0	0	0	4
03:45	0	0	0	0	1	1	2	2	1	0	2	0	1	0	0	10
04:00	0	0	0	0	2	3	5	3	3	2	3	0	1	1	0	23
04:15	0	0	0	0	2	1	0	2	2	3	2	0	0	0	0	12
04:30	0	0	0	0	0	0	4	2	0	1	2	1	0	0	0	10
04:45	1	0	0	1	0	0	1	4	1	2	2	0	0	0	0	12
05:00	0	0	0	0	0	2	2	1	6	3	4	0	0	1	1	20
05:15	1	0	0	1	2	3	7	9	9	9	10	1	0	1	1	54
05:30	0	0	0	1	1	5	2	3	4	5	1	0	1	0	0	23
05:45	0	0	0	0	3	1	4	9	6	3	2	0	0	1	0	29
06:00	0	0	0	4	1	2	10	8	5	3	2	1	2	1	0	39
06:15	0	0	1	0	2	2	6	14	14	2	3	5	0	0	0	49
06:30	0	0	1	5	7	10	22	34	29	13	8	6	3	2	0	140
06:45	0	0	0	0	2	4	14	18	10	5	4	4	1	0	2	64
07:00	1	0	0	0	6	11	20	17	17	9	8	1	1	2	1	94
07:15	3	1	0	4	7	17	18	20	23	8	5	1	1	0	0	108
07:30	1	0	1	2	6	15	21	29	25	18	11	1	1	1	0	132
07:45	5	1	1	6	21	47	73	84	75	40	28	7	4	3	3	398
08:00	0	0	0	1	28	39	57	36	19	8	6	1	0	0	0	195
08:15	0	1	0	3	20	46	62	32	15	4	2	0	0	1	0	186
08:30	0	0	3	11	29	112	65	33	10	8	0	0	0	0	0	271
08:45	4	3	0	26	54	84	67	28	16	2	2	3	0	0	0	289
09:00	4	4	3	41	131	281	251	129	60	22	10	4	0	1	0	941
09:15	1	0	3	9	27	66	72	36	12	4	1	1	0	0	0	232
09:30	1	0	6	10	33	64	41	32	9	7	4	0	0	0	0	207
09:45	1	1	4	22	29	29	63	28	20	9	2	0	0	0	0	208
10:00	0	0	3	7	20	49	61	32	15	3	2	1	1	0	0	194
10:15	3	1	16	48	109	208	237	128	56	23	9	2	1	0	0	841
10:30	3	0	5	16	35	47	28	24	9	6	3	0	0	0	0	176
10:45	0	1	4	10	16	30	27	26	9	8	3	0	0	0	0	134
11:00	1	0	1	7	19	30	34	23	16	7	0	0	0	0	0	138
11:15	0	1	1	4	11	24	40	15	6	7	2	1	1	0	0	113
11:30	4	2	11	37	81	131	129	88	40	28	8	1	1	0	0	561
11:45	0	1	0	3	16	24	25	25	9	5	5	1	1	0	0	115
12:00	0	0	1	4	8	22	29	23	7	5	1	0	0	0	0	100
12:15	1	0	1	2	25	20	26	20	7	4	2	3	0	0	0	111
12:30	0	1	1	3	15	17	23	16	11	2	0	0	0	0	0	89
12:45	1	2	3	12	64	83	103	84	34	16	8	4	1	0	0	415
13:00	0	1	3	6	17	31	21	14	9	4	1	0	0	0	0	107
13:15	0	0	3	5	10	28	21	20	5	2	0	0	0	0	0	94
13:30	1	0	1	7	25	28	24	22	9	3	0	0	0	1	0	121
13:45	0	0	3	6	23	37	19	10	6	1	1	0	0	0	0	106
Total	1	1	10	24	75	124	85	66	29	10	2	0	0	1	0	428
Total	19	12	46	176	500	895	934	642	346	174	93	31	12	10	4	3894

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Page 2

Date Start: 27-Aug-24

Date End: 27-Aug-24

EB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
12 PM	0	0	0	4	24	34	22	17	4	2	0	0	0	0	0	107
12:15	0	0	2	3	15	32	29	16	9	2	0	0	1	0	0	109
12:30	0	0	1	7	15	31	34	20	8	2	3	0	0	0	0	121
12:45	1	1	1	4	15	27	32	12	6	2	0	0	0	0	0	101
	1	1	4	18	69	124	117	65	27	8	3	0	1	0	0	438
13:00	0	0	0	6	15	24	34	27	9	2	0	0	0	0	0	117
13:15	0	0	4	9	25	25	32	16	9	6	3	2	0	0	1	132
13:30	1	1	2	6	6	36	28	25	9	3	0	4	0	0	0	121
13:45	0	0	1	4	28	25	36	21	17	4	0	0	0	0	0	136
	1	1	7	25	74	110	130	89	44	15	3	6	0	0	1	506
14:00	0	8	2	4	26	39	34	16	8	4	3	0	0	0	0	144
14:15	0	1	0	12	25	40	32	23	6	3	3	1	0	0	0	146
14:30	0	0	1	5	17	43	32	22	10	4	0	1	0	2	0	137
14:45	0	0	0	3	27	34	25	34	21	3	0	0	0	0	0	147
	0	9	3	24	95	156	123	95	45	14	6	2	0	2	0	574
15:00	2	0	1	6	23	42	46	19	14	4	0	0	0	0	0	157
15:15	0	0	0	7	17	29	36	36	11	1	0	0	1	0	0	138
15:30	0	0	1	3	13	26	47	29	11	7	2	0	0	0	0	139
15:45	0	0	3	6	25	37	50	18	5	2	2	1	0	0	0	149
	2	0	5	22	78	134	179	102	41	14	4	1	1	0	0	583
16:00	2	0	4	15	19	34	37	20	5	4	0	1	1	0	0	142
16:15	1	0	5	14	32	56	41	21	5	2	2	1	0	0	0	180
16:30	0	0	1	8	25	41	38	31	15	10	0	0	0	0	0	169
16:45	0	1	3	11	24	31	46	25	12	1	2	1	0	0	0	157
	3	1	13	48	100	162	162	97	37	17	4	3	1	0	0	648
17:00	0	1	2	6	28	31	38	15	6	5	4	1	1	0	0	138
17:15	0	0	2	16	27	46	44	24	11	3	0	1	0	1	0	175
17:30	0	0	1	11	17	33	49	26	16	3	3	1	0	0	0	160
17:45	0	0	7	9	20	43	39	30	14	4	2	0	0	0	0	168
	0	1	12	42	92	153	170	95	47	15	9	3	1	1	0	641
18:00	0	2	6	10	17	40	44	23	12	1	2	1	1	0	0	159
18:15	2	2	0	4	23	34	37	24	15	5	0	0	0	0	0	146
18:30	0	0	1	9	7	25	34	25	9	8	1	1	0	0	0	120
18:45	1	1	1	5	18	20	19	18	11	5	2	0	0	0	0	101
	3	5	8	28	65	119	134	90	47	19	5	2	1	0	0	526
19:00	0	1	0	1	16	35	28	19	9	7	0	0	0	0	0	116
19:15	1	1	3	9	20	43	34	15	5	4	1	1	0	0	0	137
19:30	1	0	0	5	18	22	36	13	13	4	2	0	1	0	0	115
19:45	1	0	0	5	8	22	22	16	11	4	4	1	0	0	0	94
	3	2	3	20	62	122	120	63	38	19	7	2	1	0	0	462
20:00	0	2	1	10	17	29	17	16	8	1	1	0	0	0	0	102
20:15	0	0	3	7	13	14	19	15	8	3	2	0	0	0	1	85
20:30	0	1	1	8	16	16	25	11	5	3	0	0	0	0	0	86
20:45	0	1	0	6	11	23	12	16	8	2	1	0	0	0	0	80
	0	4	5	31	57	82	73	58	29	9	4	0	0	0	1	353
21:00	0	0	0	4	7	10	12	17	6	1	1	1	0	0	0	59
21:15	0	0	2	4	9	15	17	6	4	1	3	0	0	0	0	61
21:30	1	2	2	2	9	12	13	15	4	0	2	1	0	1	0	64
21:45	1	0	0	5	9	4	13	9	6	2	0	0	0	0	0	49
	2	2	4	15	34	41	55	47	20	4	6	2	0	1	0	233
22:00	0	0	0	1	6	5	16	13	11	2	1	1	0	0	0	56
22:15	0	0	0	1	4	5	12	6	7	2	2	0	0	0	0	39
22:30	0	0	1	2	4	4	9	11	3	2	1	1	0	1	0	39
22:45	0	0	0	0	3	12	7	2	4	2	0	0	0	0	0	30
	0	0	1	4	17	26	44	32	25	8	4	2	0	1	0	164
23:00	0	0	0	1	1	5	11	6	1	0	2	0	0	0	0	27
23:15	0	0	1	0	2	6	7	4	7	1	0	1	0	0	0	29
23:30	0	0	0	0	1	4	12	5	4	2	0	0	0	1	0	29
23:45	0	0	1	2	3	4	4	4	5	1	0	0	0	0	0	24
	0	0	2	3	7	19	34	19	17	4	2	1	0	1	0	109
Total	15	26	67	280	750	1248	1341	852	417	146	57	24	6	6	2	5237
Total Stats	34	38	113	456	1250	2143	2275	1494	763	320	150	55	18	16	6	9131

15th Percentile : 31 MPH
50th Percentile : 40 MPH
85th Percentile : 48 MPH
95th Percentile : 55 MPH

Mean Speed(Average) : 41 MPH
10 MPH Pace Speed : 35-44 MPH
Number in Pace : 4419
Percent in Pace : 48.4%
Number of Vehicles > 35 MPH : 6812
Percent of Vehicles > 35 MPH : 74.6%

Marlin Engineering Inc.3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 27-Aug-24

Date End: 27-Aug-24

WB																
Start	0	15	20	25	30	35	40	45	50	55	60	65	70	75	80	
Time	14	19	24	29	34	39	44	49	54	59	64	69	74	79	99	Total
08/27/24	0	0	1	3	3	8	3	1	0	0	0	0	0	0	0	19
00:15	0	1	0	2	1	7	2	1	0	1	0	0	0	0	0	15
00:30	0	0	2	1	4	6	4	2	0	0	0	0	0	0	0	19
00:45	0	1	0	2	3	6	1	1	2	0	0	0	0	0	0	16
01:00	0	2	3	8	11	27	10	5	2	1	0	0	0	0	0	69
01:15	0	0	0	0	4	0	2	1	0	1	0	0	0	0	0	8
01:30	0	0	1	1	2	1	1	0	0	0	0	0	0	0	0	6
01:45	0	0	0	0	4	6	5	1	1	0	0	0	0	0	0	17
02:00	0	1	1	2	1	3	1	0	0	0	0	0	0	0	0	9
02:15	0	1	2	3	11	10	9	2	1	1	0	0	0	0	0	40
02:30	0	0	0	0	0	2	0	2	1	0	0	0	0	0	0	5
02:45	0	0	0	1	1	1	0	2	0	0	0	0	0	0	0	5
03:00	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	4
03:15	0	0	0	0	3	2	5	0	0	0	0	0	0	0	0	10
03:30	0	0	0	1	4	7	6	5	1	0	0	0	0	0	0	24
03:45	0	0	0	1	4	0	2	0	1	1	0	0	0	0	0	9
04:00	0	0	1	1	0	1	2	0	0	0	0	0	0	0	0	5
04:15	0	0	0	1	0	0	5	1	0	0	0	0	0	0	0	7
04:30	0	0	0	0	2	3	1	0	0	0	0	0	0	0	0	6
04:45	0	0	1	3	6	4	10	1	1	1	0	0	0	0	0	27
05:00	0	0	0	0	2	3	1	1	0	0	0	0	0	0	0	7
05:15	0	0	0	1	1	2	2	5	0	1	0	0	0	0	0	8
05:30	0	0	1	1	2	2	5	0	0	1	0	0	0	0	0	12
05:45	0	0	0	0	4	5	3	0	0	0	0	0	0	0	0	12
06:00	0	0	1	2	9	12	11	2	1	1	0	0	0	0	0	39
06:15	0	0	1	1	5	3	5	1	0	1	0	0	0	0	0	17
06:30	0	0	2	0	3	10	4	1	2	0	0	0	0	0	0	22
06:45	0	0	1	1	5	10	4	3	1	0	0	0	0	0	0	25
07:00	0	1	1	3	6	6	3	2	2	1	0	0	0	0	0	25
07:15	0	1	5	5	19	29	16	7	5	2	0	0	0	0	0	89
07:30	1	1	0	1	7	19	11	8	0	0	0	0	0	0	0	48
07:45	0	0	1	4	7	19	9	10	0	0	0	0	0	0	0	50
08:00	0	0	1	4	18	23	19	5	2	0	1	0	0	0	0	73
08:15	0	0	3	6	14	26	13	11	3	0	0	0	0	0	0	76
08:30	1	1	5	15	46	87	52	34	5	0	1	0	0	0	0	247
08:45	0	2	3	12	28	49	23	12	0	0	0	0	0	0	0	129
09:00	0	0	1	6	46	63	35	14	2	0	0	0	0	0	0	167
09:15	0	1	0	15	62	80	28	9	0	1	0	0	0	0	0	196
09:30	0	0	3	20	59	64	44	10	3	0	0	0	0	0	0	203
09:45	0	3	7	53	195	256	130	45	5	1	0	0	0	0	0	695
10:00	0	2	7	22	73	48	22	5	1	0	0	0	0	0	0	180
10:15	1	0	6	25	43	46	19	3	0	0	0	0	0	0	0	143
10:30	1	1	4	8	57	53	23	5	1	0	0	0	0	0	0	153
10:45	2	4	3	10	45	41	24	4	0	0	0	0	0	0	0	133
11:00	4	7	20	65	218	188	88	17	2	0	0	0	0	0	0	609
11:15	3	4	5	9	44	41	19	3	0	0	0	0	0	0	0	128
11:30	4	3	7	11	46	33	22	2	0	0	0	0	0	0	0	128
11:45	0	2	1	10	35	38	16	1	0	0	0	0	0	0	0	103
12:00	0	2	2	12	33	39	14	6	0	0	0	0	0	0	0	108
12:15	7	11	15	42	158	151	71	12	0	0	0	0	0	0	0	467
12:30	0	1	4	9	38	31	15	5	2	1	0	0	0	0	0	106
12:45	0	1	7	5	32	36	12	4	1	0	0	0	0	0	0	98
13:00	1	2	2	22	32	42	18	2	1	0	0	0	0	0	0	122
13:15	0	0	11	9	30	32	14	5	1	0	0	0	0	0	0	102
13:30	1	4	24	45	132	141	59	16	5	1	0	0	0	0	0	428
13:45	2	0	3	14	26	28	13	4	0	0	0	0	0	0	0	90
14:00	2	3	3	21	31	26	12	4	3	0	0	0	0	0	0	105
14:15	0	2	6	14	41	34	17	2	0	0	0	0	0	0	0	116
14:30	0	1	10	20	46	26	12	2	0	0	0	0	0	0	0	117
14:45	4	6	22	69	144	114	54	12	3	0	0	0	0	0	0	428
Total	17	36	105	311	953	1026	516	158	31	8	1	0	0	0	0	3162

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 27-Aug-24

Date End: 27-Aug-24

WB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
12 PM	2	2	5	30	54	40	7	2	1	0	0	0	0	0	0	143
12:15	2	3	4	18	45	39	20	5	0	0	0	0	0	0	0	136
12:30	0	0	4	14	31	42	15	7	1	0	0	0	0	0	0	114
12:45	0	3	5	19	32	33	16	7	1	0	0	0	0	0	0	116
	4	8	18	81	162	154	58	21	3	0	0	0	0	0	0	509
13:00	0	1	5	24	38	34	20	5	1	0	0	0	0	0	0	128
13:15	0	3	4	12	43	35	18	2	1	1	0	0	0	0	0	119
13:30	0	0	4	18	48	45	10	4	1	0	0	0	0	0	0	130
13:45	0	1	5	17	41	56	19	7	0	0	0	0	0	0	0	146
	0	5	18	71	170	170	67	18	3	1	0	0	0	0	0	523
14:00	1	2	5	13	34	53	27	6	0	0	0	0	0	0	0	141
14:15	1	0	4	15	36	55	25	5	0	0	0	0	0	0	0	141
14:30	1	0	6	18	57	51	20	0	1	0	0	0	0	0	0	154
14:45	2	2	5	25	65	48	24	5	1	0	0	0	0	0	0	177
	5	4	20	71	192	207	96	16	2	0	0	0	0	0	0	613
15:00	0	2	9	19	57	70	25	6	1	0	0	0	0	0	0	189
15:15	0	2	6	18	66	61	30	4	0	0	0	0	0	0	0	187
15:30	3	2	12	21	68	63	21	3	1	0	0	0	0	0	0	194
15:45	0	1	7	23	60	44	31	9	2	0	0	0	0	0	0	177
	3	7	34	81	251	238	107	22	4	0	0	0	0	0	0	747
16:00	2	2	3	27	71	51	18	3	0	0	0	0	0	0	0	177
16:15	0	8	10	30	62	57	30	1	2	0	1	0	0	0	0	201
16:30	2	0	6	34	89	62	22	4	0	1	0	0	0	0	0	220
16:45	2	2	6	30	84	57	15	7	0	0	0	0	0	0	0	203
	6	12	25	121	306	227	85	15	2	1	1	0	0	0	0	801
17:00	0	2	17	23	98	88	15	4	0	0	0	0	0	0	0	247
17:15	1	2	3	26	103	83	21	4	0	0	0	0	0	0	0	243
17:30	1	0	7	31	92	77	28	0	1	0	1	0	0	0	0	238
17:45	0	2	8	36	63	57	21	4	0	0	0	0	0	0	0	191
	2	6	35	116	356	305	85	12	1	0	1	0	0	0	0	919
18:00	0	0	12	37	82	62	19	2	0	0	0	0	0	0	0	214
18:15	1	5	4	24	68	50	18	6	1	0	0	0	0	0	0	177
18:30	0	3	9	21	50	50	18	6	0	0	0	0	0	0	0	157
18:45	0	2	9	15	61	48	15	3	2	0	0	0	0	0	0	155
	1	10	34	97	261	210	70	17	3	0	0	0	0	0	0	703
19:00	0	2	3	29	46	62	19	1	0	0	0	0	0	0	0	162
19:15	1	5	9	21	51	44	21	4	1	1	0	0	0	0	0	158
19:30	4	0	10	17	56	42	16	1	0	0	0	0	0	0	0	146
19:45	0	0	5	20	30	38	20	4	2	0	0	0	0	0	0	119
	5	7	27	87	183	186	76	10	3	1	0	0	0	0	0	585
20:00	1	1	3	17	41	35	18	6	3	0	0	0	0	0	0	125
20:15	0	3	5	14	41	41	26	3	0	0	0	0	0	0	0	133
20:30	1	3	5	16	24	34	10	2	0	0	0	0	0	0	0	95
20:45	0	4	5	22	30	22	15	2	2	0	0	0	0	0	0	102
	2	11	18	69	136	132	69	13	5	0	0	0	0	0	0	455
21:00	0	1	2	10	15	25	17	3	1	0	0	0	0	0	0	74
21:15	0	1	4	14	22	23	8	5	1	1	0	0	0	0	0	79
21:30	0	0	0	8	23	24	13	3	4	0	0	0	0	0	0	75
21:45	0	0	3	3	14	18	12	6	0	0	0	0	0	0	0	56
	0	2	9	35	74	90	50	17	6	1	0	0	0	0	0	284
22:00	0	1	4	7	11	12	13	3	0	0	0	0	0	0	0	51
22:15	0	1	2	8	9	22	8	6	0	0	0	0	0	0	0	56
22:30	0	0	2	4	12	12	13	2	0	0	1	0	0	0	0	46
22:45	0	0	2	8	3	10	13	5	1	0	0	0	0	0	0	42
	0	2	10	27	35	56	47	16	1	0	1	0	0	0	0	195
23:00	0	1	0	5	8	13	7	3	0	0	0	0	0	0	0	37
23:15	0	2	0	2	5	7	13	1	1	0	0	0	0	0	0	31
23:30	0	0	2	3	5	7	5	2	0	0	0	0	0	0	0	24
23:45	0	0	3	0	5	10	9	5	2	0	0	0	0	0	0	34
	0	3	5	10	23	37	34	11	3	0	0	0	0	0	0	126
Total	28	77	253	866	2149	2012	844	188	36	4	3	0	0	0	0	6460
Total Stats	45	113	358	1177	3102	3038	1360	346	67	12	4	0	0	0	0	9622

15th Percentile : 27 MPH
50th Percentile : 34 MPH
85th Percentile : 40 MPH
95th Percentile : 43 MPH

Mean Speed(Average) : 34 MPH
10 MPH Pace Speed : 30-39 MPH
Number in Pace : 6142
Percent in Pace : 63.8%
Number of Vehicles > 35 MPH : 4220
Percent of Vehicles > 35 MPH : 43.9%

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 27-Aug-24

Date End: 27-Aug-24

EB, WB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
08/27/24	0	0	1	3	3	8	5	3	1	4	1	1	0	0	0	30
00:15	0	1	0	3	1	8	3	5	1	3	1	0	0	0	0	26
00:30	0	0	2	1	6	7	10	5	2	1	0	1	0	0	0	35
00:45	0	1	0	2	7	7	3	1	5	0	0	2	0	0	0	28
01:00	0	2	3	9	17	30	21	14	9	8	2	4	0	0	0	119
01:15	0	0	1	0	4	0	3	2	1	3	0	0	0	0	0	14
01:30	0	0	1	2	2	1	6	1	1	0	0	0	0	0	0	14
01:45	0	0	0	0	4	7	6	3	1	1	1	0	0	0	0	23
02:00	0	2	1	2	1	3	3	0	0	1	1	0	0	0	0	14
02:15	0	2	3	4	11	11	18	6	3	5	2	0	0	0	0	65
02:30	0	0	0	0	1	2	2	4	1	0	3	2	0	0	0	15
02:45	0	0	0	1	1	2	0	3	1	0	0	0	1	0	0	9
03:00	0	0	0	0	0	2	1	2	1	0	0	0	0	1	0	7
03:15	0	0	0	0	4	2	5	0	0	0	0	0	0	0	0	11
03:30	0	0	0	1	6	8	8	9	3	0	3	2	1	1	0	42
03:45	0	0	0	1	5	0	2	1	2	1	1	0	0	1	0	14
04:00	0	0	1	1	0	1	4	0	1	1	0	0	0	0	0	9
04:15	0	0	0	1	0	2	6	1	0	1	0	0	0	0	0	11
04:30	0	0	0	0	3	4	3	2	1	0	2	0	1	0	0	16
04:45	0	0	1	3	8	7	15	4	4	3	3	0	1	1	0	50
05:00	0	0	0	0	4	4	1	3	2	3	2	0	0	0	0	19
05:15	0	0	0	1	1	2	6	3	1	1	2	1	0	0	0	18
05:30	1	0	1	2	2	2	6	4	1	3	2	0	0	0	0	24
05:45	0	0	0	0	4	7	5	1	6	3	4	0	0	1	1	32
06:00	1	0	1	3	11	15	18	11	10	10	10	1	0	1	1	93
06:15	0	0	1	2	6	8	7	4	4	6	1	0	1	0	0	40
06:30	0	0	2	0	6	11	8	10	8	3	2	0	0	1	0	51
06:45	0	0	1	5	6	12	14	11	6	3	2	1	2	1	0	64
07:00	0	1	2	3	8	8	9	16	16	3	3	5	0	0	0	74
07:15	0	1	6	10	26	39	38	41	34	15	8	6	3	2	0	229
07:30	1	1	0	1	9	23	25	26	10	5	4	4	1	0	2	112
07:45	1	0	1	4	13	30	29	27	17	9	8	1	1	2	1	144
08:00	3	1	1	8	25	40	37	25	25	8	6	1	1	0	0	181
08:15	1	0	4	8	20	41	34	40	28	18	11	1	1	1	0	208
08:30	6	2	6	21	67	134	125	118	80	40	29	7	4	3	3	645
08:45	0	2	3	13	56	88	80	48	19	8	6	1	0	0	0	324
09:00	0	1	1	9	66	109	97	46	17	4	2	0	0	1	0	353
09:15	0	1	3	26	91	192	93	42	10	9	0	0	0	0	0	467
09:30	4	3	3	46	113	148	111	38	19	2	2	3	0	0	0	492
09:45	4	7	10	94	326	537	381	174	65	23	10	4	0	1	0	1636
10:00	1	2	10	31	100	114	94	41	13	4	1	1	0	0	0	412
10:15	2	0	12	35	76	110	60	35	9	7	4	0	0	0	0	350
10:30	2	2	8	30	86	82	86	33	21	9	2	0	0	0	0	361
10:45	2	4	6	17	65	90	85	36	15	3	2	1	1	0	0	327
11:00	7	8	36	113	327	396	325	145	58	23	9	2	1	0	0	1450
11:15	6	4	10	25	79	88	47	27	9	6	3	0	0	0	0	304
11:30	4	4	11	21	62	63	49	28	9	8	3	0	0	0	0	262
11:45	1	2	2	17	54	68	50	24	16	7	0	0	0	0	0	241
12:00	0	3	3	16	44	63	54	21	6	7	2	1	1	0	0	221
12:15	11	13	26	79	239	282	200	100	40	28	8	1	1	0	0	1028
12:30	0	2	4	12	54	55	40	30	11	6	5	1	1	0	0	221
12:45	0	1	8	9	40	58	41	27	8	5	1	0	0	0	0	198
13:00	2	2	3	24	57	62	44	22	8	4	2	3	0	0	0	233
13:15	0	1	12	12	45	49	37	21	12	2	0	0	0	0	0	191
13:30	2	6	27	57	196	224	162	100	39	17	8	4	1	0	0	843
13:45	2	1	6	20	43	59	34	18	9	4	1	0	0	0	0	197
14:00	2	3	6	26	41	54	33	24	8	2	0	0	0	0	0	199
14:15	1	2	7	21	66	62	41	24	9	3	0	0	0	1	0	237
14:30	0	1	13	26	69	63	31	12	6	1	1	0	0	0	0	223
14:45	5	7	32	93	219	238	139	78	32	10	2	0	0	1	0	856
Total	36	48	151	487	1453	1921	1450	800	377	182	94	31	12	10	4	7056

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Page 6

Date Start: 27-Aug-24

Date End: 27-Aug-24

EB, WB

Start Time	0 14	15 19	20 24	25 29	30 34	35 39	40 44	45 49	50 54	55 59	60 64	65 69	70 74	75 79	80 99	Total
12 PM	2	2	5	34	78	74	29	19	5	2	0	0	0	0	0	250
12:15	2	3	6	21	60	71	49	21	9	2	0	0	1	0	0	245
12:30	0	0	5	21	46	73	49	27	9	2	3	0	0	0	0	235
12:45	1	4	6	23	47	60	48	19	7	2	0	0	0	0	0	217
	5	9	22	99	231	278	175	86	30	8	3	0	1	0	0	947
13:00	0	1	5	30	53	58	54	32	10	2	0	0	0	0	0	245
13:15	0	3	8	21	68	60	50	18	10	7	3	2	0	0	1	251
13:30	1	1	6	24	54	81	38	29	10	3	0	4	0	0	0	251
13:45	0	1	6	21	69	81	55	28	17	4	0	0	0	0	0	282
	1	6	25	96	244	280	197	107	47	16	3	6	0	0	1	1029
14:00	1	10	7	17	60	92	61	22	8	4	3	0	0	0	0	285
14:15	1	1	4	27	61	95	57	28	6	3	3	1	0	0	0	287
14:30	1	0	7	23	74	94	52	22	11	4	0	1	0	2	0	291
14:45	2	2	5	28	92	82	49	39	22	3	0	0	0	0	0	324
	5	13	23	95	287	363	219	111	47	14	6	2	0	2	0	1187
15:00	2	2	10	25	80	112	71	25	15	4	0	0	0	0	0	346
15:15	0	2	6	25	83	90	66	40	11	1	0	0	1	0	0	325
15:30	3	2	13	24	81	89	68	32	12	7	2	0	0	0	0	333
15:45	0	1	10	29	85	81	81	27	7	2	2	1	0	0	0	326
	5	7	39	103	329	372	286	124	45	14	4	1	1	0	0	1330
16:00	4	2	7	42	90	85	55	23	5	4	0	1	1	0	0	319
16:15	1	8	15	44	94	113	71	22	7	2	3	1	0	0	0	381
16:30	2	0	7	42	114	103	60	35	15	11	0	0	0	0	0	389
16:45	2	3	9	41	108	88	61	32	12	1	2	1	0	0	0	360
	9	13	38	169	406	389	247	112	39	18	5	3	1	0	0	1449
17:00	0	3	19	29	126	119	53	19	6	5	4	1	1	0	0	385
17:15	1	2	5	42	130	129	65	28	11	3	0	1	0	1	0	418
17:30	1	0	8	42	109	110	77	26	17	3	4	1	0	0	0	398
17:45	0	2	15	45	83	100	60	34	14	4	2	0	0	0	0	359
	2	7	47	158	448	458	255	107	48	15	10	3	1	1	0	1560
18:00	0	2	18	47	99	102	63	25	12	1	2	1	1	0	0	373
18:15	3	7	4	28	91	84	55	30	16	5	0	0	0	0	0	323
18:30	0	3	10	30	57	75	52	31	9	8	1	1	0	0	0	277
18:45	1	3	10	20	79	68	34	21	13	5	2	0	0	0	0	256
	4	15	42	125	326	329	204	107	50	19	5	2	1	0	0	1229
19:00	0	3	3	30	62	97	47	20	9	7	0	0	0	0	0	278
19:15	2	6	12	30	71	87	55	19	6	5	1	1	0	0	0	295
19:30	5	0	10	22	74	64	52	14	13	4	2	0	1	0	0	261
19:45	1	0	5	25	38	60	42	20	13	4	4	1	0	0	0	213
	8	9	30	107	245	308	196	73	41	20	7	2	1	0	0	1047
20:00	1	3	4	27	58	64	35	22	11	1	1	0	0	0	0	227
20:15	0	3	8	21	54	55	45	18	8	3	2	0	0	0	1	218
20:30	1	4	6	24	40	50	35	13	5	3	0	0	0	0	0	181
20:45	0	5	5	28	41	45	27	18	10	2	1	0	0	0	0	182
	2	15	23	100	193	214	142	71	34	9	4	0	0	0	1	808
21:00	0	1	2	14	22	35	29	20	7	1	1	1	0	0	0	133
21:15	0	1	6	18	31	38	25	11	5	2	3	0	0	0	0	140
21:30	1	2	2	10	32	36	26	18	8	0	2	1	0	1	0	139
21:45	1	0	3	8	23	22	25	15	6	2	0	0	0	0	0	105
	2	4	13	50	108	131	105	64	26	5	6	2	0	1	0	517
22:00	0	1	4	8	17	17	29	16	11	2	1	1	0	0	0	107
22:15	0	1	2	9	13	27	20	12	7	2	2	0	0	0	0	95
22:30	0	0	3	6	16	16	22	13	3	2	2	1	0	1	0	85
22:45	0	0	2	8	6	22	20	7	5	2	0	0	0	0	0	72
	0	2	11	31	52	82	91	48	26	8	5	2	0	1	0	359
23:00	0	1	0	6	9	18	18	9	1	0	2	0	0	0	0	64
23:15	0	2	1	2	7	13	20	5	8	1	0	1	0	0	0	60
23:30	0	0	2	3	6	11	17	7	4	2	0	0	0	1	0	53
23:45	0	0	4	2	8	14	13	9	7	1	0	0	0	0	0	58
	0	3	7	13	30	56	68	30	20	4	2	1	0	1	0	235
Total	43	103	320	1146	2899	3260	2185	1040	453	150	60	24	6	6	2	11697
Total Stats	79	151	471	1633	4352	5181	3635	1840	830	332	154	55	18	16	6	18753
				15th Percentile :				29 MPH								
				50th Percentile :				36 MPH								
				85th Percentile :				45 MPH								
				95th Percentile :				51 MPH								
				Mean Speed(Average) :				38 MPH								
				10 MPH Pace Speed :				30-39 MPH								
				Number in Pace :				9536								
				Percent in Pace :				50.9%								
				Number of Vehicles > 35 MPH :				11032								
				Percent of Vehicles > 35 MPH :				58.8%								

Marlin Engineering Inc.3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309Date Start: 27-Aug-24
Date End: 27-Aug-24

Start Time	27-Aug-24									Total
	Tue	EB	WB							
12:00 AM		11	19							30
12:15		11	15							26
12:30		16	19							35
12:45		12	16							28
01:00		6	8							14
01:15		8	6							14
01:30		6	17							23
01:45		5	9							14
02:00		10	5							15
02:15		4	5							9
02:30		3	4							7
02:45		1	10							11
03:00		5	9							14
03:15		4	5							9
03:30		4	7							11
03:45		10	6							16
04:00		12	7							19
04:15		10	8							18
04:30		12	12							24
04:45		20	12							32
05:00		23	17							40
05:15		29	22							51
05:30		39	25							64
05:45		49	25							74
06:00		64	48							112
06:15		94	50							144
06:30		108	73							181
06:45		132	76							208
07:00		195	129							324
07:15		186	167							353
07:30		271	196							467
07:45		289	203							492
08:00		232	180							412
08:15		207	143							350
08:30		208	153							361
08:45		194	133							327
09:00		176	128							304
09:15		134	128							262
09:30		138	103							241
09:45		113	108							221
10:00		115	106							221
10:15		100	98							198
10:30		111	122							233
10:45		89	102							191
11:00		107	90							197
11:15		94	105							199
11:30		121	116							237
11:45		106	117							223
Total		3894	3162							7056
Percent		55.2%	44.8%							
Peak	-	07:30	07:15	-	-	-	-	-	-	07:15
Vol.	-	999	746	-	-	-	-	-	-	1724
P.H.F.		0.864	0.919							0.876

Marlin Engineering Inc.

3363 W. Commercial Blvd, Suite 115
Fort Lauderdale , FL , 33309

Date Start: 27-Aug-24
Date End: 27-Aug-24

Start Time	27-Aug-24 Tue	EB	WB							Total
12:00 PM		107	143							250
12:15		109	136							245
12:30		121	114							235
12:45		101	116							217
01:00		117	128							245
01:15		132	119							251
01:30		121	130							251
01:45		136	146							282
02:00		144	141							285
02:15		146	141							287
02:30		137	154							291
02:45		147	177							324
03:00		157	189							346
03:15		138	187							325
03:30		139	194							333
03:45		149	177							326
04:00		142	177							319
04:15		180	201							381
04:30		169	220							389
04:45		157	203							360
05:00		138	247							385
05:15		175	243							418
05:30		160	238							398
05:45		168	191							359
06:00		159	214							373
06:15		146	177							323
06:30		120	157							277
06:45		101	155							256
07:00		116	162							278
07:15		137	158							295
07:30		115	146							261
07:45		94	119							213
08:00		102	125							227
08:15		85	133							218
08:30		86	95							181
08:45		80	102							182
09:00		59	74							133
09:15		61	79							140
09:30		64	75							139
09:45		49	56							105
10:00		56	51							107
10:15		39	56							95
10:30		39	46							85
10:45		30	42							72
11:00		27	37							64
11:15		29	31							60
11:30		29	24							53
11:45		24	34							58
Total		5237	6460							11697
Percent		44.8%	55.2%							
Peak	-	17:15	16:45	-	-	-	-	-	-	16:45
Vol.	-	662	931	-	-	-	-	-	-	1561
P.H.F.		0.919	0.942							0.934
Grand Total		9131	9622							18753
Percent		48.7%	51.3%							
ADT	ADT 18,753		AADT 18,753							

TECHNICAL MEMORANDUM

From: Md Sakoat Hossan, PhD, PE, PMP, PTOE, RSP₂₁ (WSP USA)
Subject: Taft Street Corridor – Traffic Signal vs Roundabout Comparison
Date: December 12, 2024

The purpose of this memorandum is to document the traffic operational analysis conducted at four intersections along Taft Street in Broward County, Florida, as part of the Broward Safety Action Plan Study. The intersections analyzed are located at N 64th Avenue, N 66th Avenue, N 68th Avenue, and N 70th Terrace along Taft Street.

Taft Street is a four-lane minor collector road with a center turn lane and a speed limit of 35 miles per hour (mph), running in an east-west direction. In contrast, N 64th Avenue, N 66th Avenue, N 68th Avenue, and N 70th Terrace are two-lane, undivided minor collectors that run in a north-south direction. The existing intersection of Taft Street and four crossroads are signalized. **Figure 1** illustrates the existing lane configuration at the intersection.

Traffic counts for the peak periods at the study intersection were collected in 2024. The data collection date and the determined peak hour information for the intersections are summarized in **Table 1**.

Table 1: Data Collection Date and Peak Hour Time at Intersections

Intersection	Data Collection Date	Peak Hour	
		AM Peak	PM Peak
Taft Street and N 64 th Avenue	10/15/2024	7:15 AM - 8:15 AM	5:00 PM – 6:00 PM
Taft Street and N 66 th Avenue	10/8/2024	7:15 AM - 8:15 AM	5:30 PM – 6:30 PM
Taft Street and N 68 th Avenue	10/15/2024	7:15 AM - 8:15 AM	4:45 PM - 5:45 PM
Taft Street and N 70 th Terrace	11/7/2024	7:30 AM - 8:30 AM	4:45 PM - 5:45 PM

Under the proposed condition, the speed limit along Taft Street will be 30 mph and will have a lane repurposing from two lanes to one lane in each direction along Taft Street. The purpose of this study is to compare traffic operational conditions of the proposed corridor with: (i) a traffic signal and (ii) a one-lane roundabout. **Figure 2** and **Figure 3** represent the lane configuration of the proposed traffic signal and roundabout alternatives, respectively. To perform traffic signal analysis, Synchro 11 was used, while Sidra 9.1 was used to analyze the traffic operation of the roundabout alternative.

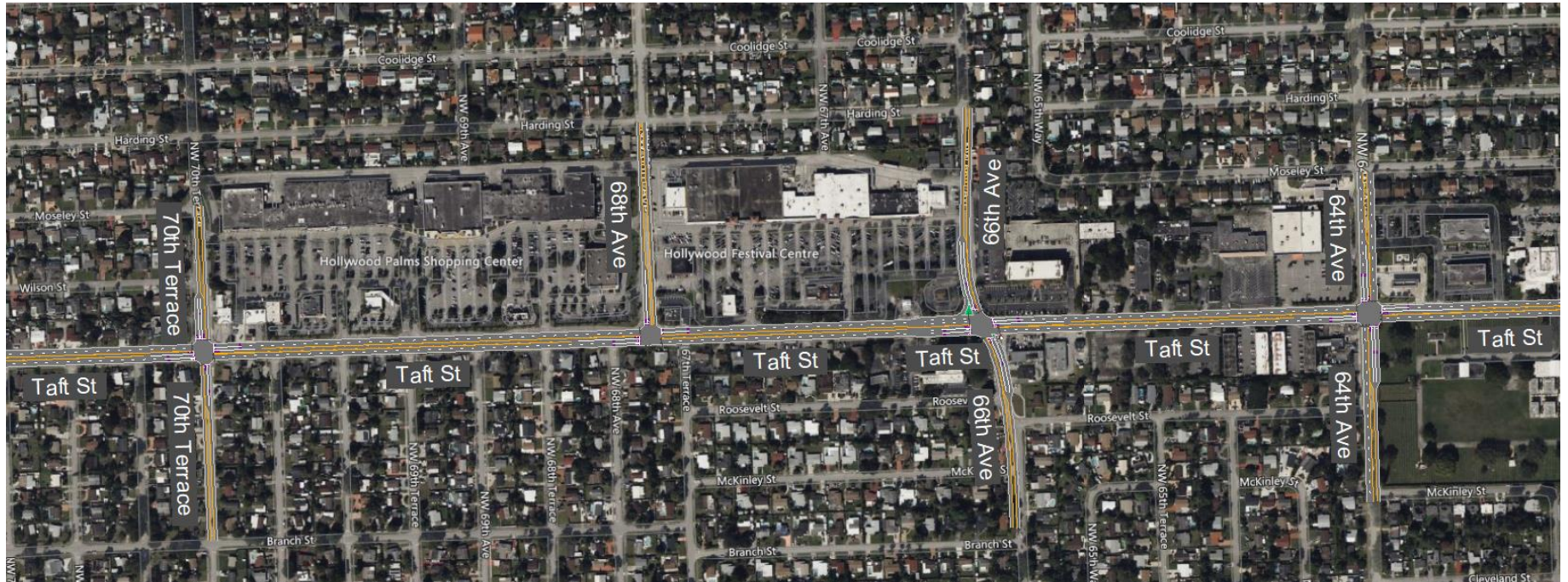


Figure 1: Existing Intersection Geometry (Traffic Signal)

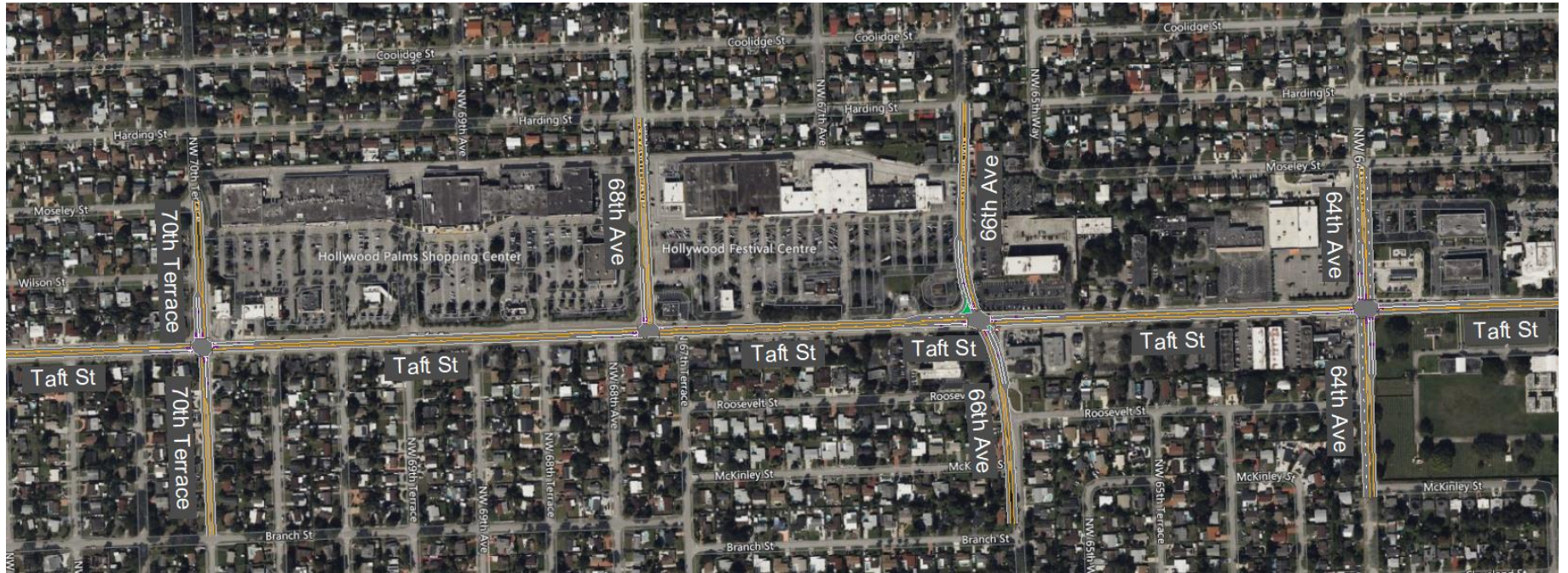


Figure 2: Proposed Intersection Geometry (Traffic Signal with Lane Repurposing)

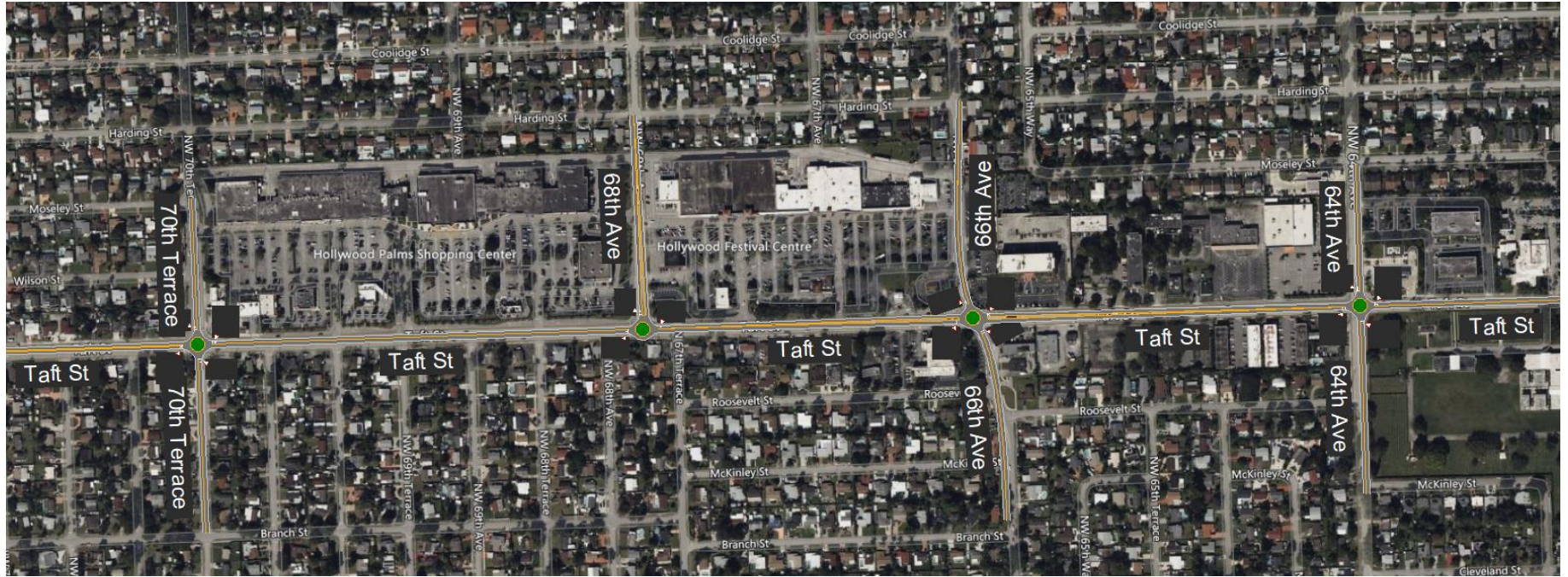


Figure 3: Proposed Intersection Geometry (Roundabout with Lane Repurposing)

Table 2 summarizes the delay and Level of Service (LOS) of the existing conditions with existing signal timing. All intersections except the intersection at N 64th Avenue operate at LOS A. The intersection at N 64th Avenue operates at LOS D and LOS C during AM and PM peak hours, respectively.

Table 2: Delay and LOS at the intersection under existing condition

Peak Hour	Intersection	Delay (seconds/vehicles) /Level of Service				
		EB	WB	NB	SB	Intersection
AM	Taft Street and N 64 th Avenue	40.4/D	22.2/C	57.3/E	60.8/E	41/D
	Taft Street and N 66 th Avenue	1.2/A	11/B	31.2/C	30.9/C	8.2/A
	Taft Street and N 68 th Avenue	6.2/A	5.5/A	-	34.4/C	7.8/A
	Taft Street and N 70 th Terrace	3.2/A	0.5/A	35.2/D	36.4/D	4.7/A
PM	Taft Street and N 64 th Avenue	22.3/C	34.7/C	43.4/D	43.2/D	33.7/C
	Taft Street and N 66 th Avenue	16.7/B	17.7/B	30.5/C	30.6/C	18.7/B
	Taft Street and N 68 th Avenue	7.3/A	6.7/A	-	32.4/C	10.1/B
	Taft Street and N 70 th Terrace	2.8/A	8.3/A	35.4/D	36.4/D	8.2/A

Table 3 summarizes the delay and LOS for the intersection under the proposed traffic signal and roundabout alternatives. The results indicate that the intersections at N 66th Avenue, N 68th Avenue and N 70th Terrace will operate at LOS D or better under both proposed alternatives. However, the intersection at N 64th Avenue will experience significant delays under both proposed alternatives and will operate at LOS F. As illustrated in Figure 4, the combination of entering and circulating flows in the eastbound direction during the AM peak, along with the westbound direction during the PM peak, indicate that the demand will exceed the capacity of the roundabout.

Table 3: Delay and LOS at the intersection of proposed alternatives

Peak Hour	Intersection	Alternative	Delay (seconds/vehicles) /Level of Service				
			EB	WB	NB	SB	Intersection
AM	Taft Street and N 64 th Avenue	Traffic Signal (with lane repurposing)	193.1/F	35.4/D	57.3/E	60.8/E	109.3/F
		Roundabout (with lane repurposing)	160.8/F	34.3/D	73.8/F	22.1/C	93.4/F
	Taft Street and N 66 th Avenue	Traffic Signal (with lane repurposing)	9.5/A	1/A	31.2/C	30.9/C	8.7/A
		Roundabout (with lane repurposing)	31/D	15/B	19.2/C	10.1/B	23/C
	Taft Street and N 68 th Avenue	Traffic Signal (with lane repurposing)	4.9/A	6.5/A	-	34.4/C	7.5/A
		Roundabout (with lane repurposing)	30.5/D	13.1/B	-	9.7/A	22.3/C
	Taft Street and N 70 th Terrace	Traffic Signal (with lane repurposing)	8.5/A	1.4/A	35.2/D	36.4/D	8/A
		Roundabout (with lane repurposing)	28.8/D	11.2/B	12.1/B	8.7/A	20.7/C
	Taft Street and N 64 th Avenue	Traffic Signal (with lane repurposing)	175.1/F	211.7/F	43.4/D	43.2/D	144.4/F
		Roundabout (with lane repurposing)	53.2/F	151.7/F	29.8/D	40/E	81.9/F
PM	Taft Street and N 66 th Avenue	Traffic Signal (with lane repurposing)	3.4/A	0.7/A	32.2/C	32.4/C	5.3/A
		Roundabout (with lane repurposing)	20.4/C	32.3/D	11.5/B	18.3/C	25.2/D
	Taft Street and N 68 th Avenue	Traffic Signal (with lane repurposing)	7.2/A	21.9/C	-	32.4/C	18.0/B
		Roundabout (with lane repurposing)	12.4/B	21.4/C	-	24/C	18.5/C
	Taft Street and N 70 th Terrace	Traffic Signal (with lane repurposing)	4.6/A	1.5/A	35.4/D	36.4/D	5.2/A
		Roundabout (with lane repurposing)	11/B	17.9/C	7.1/A	12.4/B	14.7/B

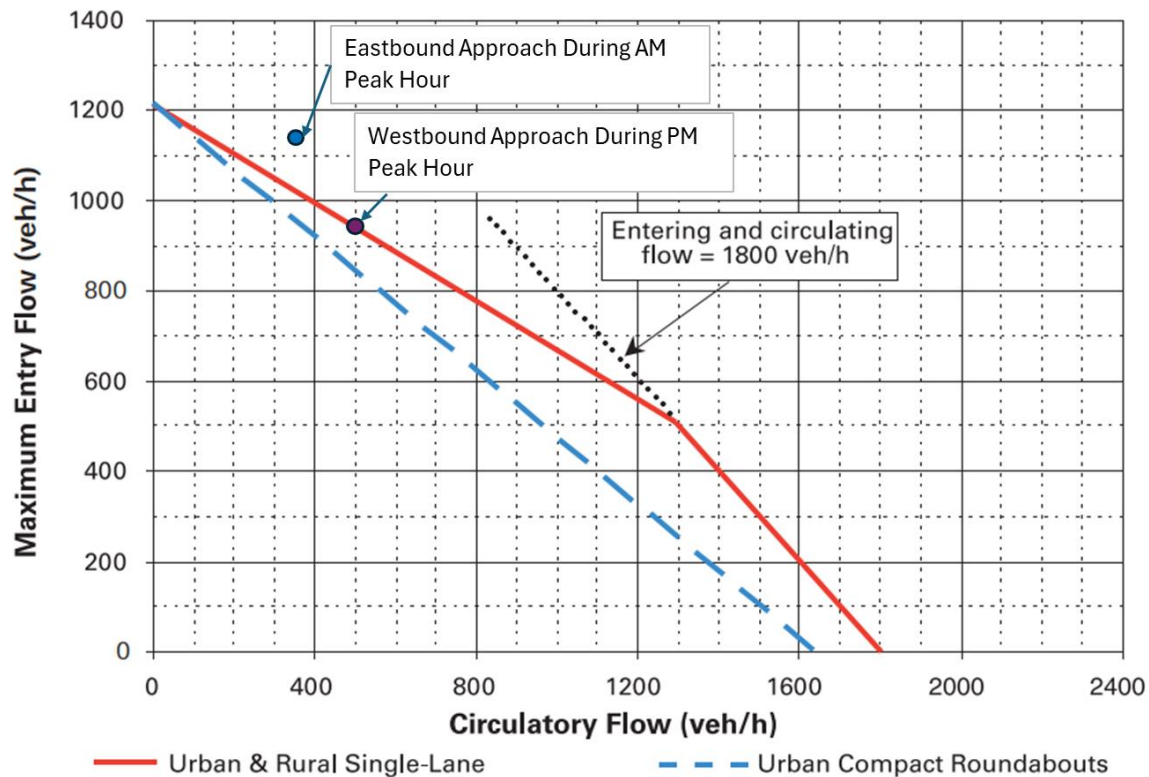
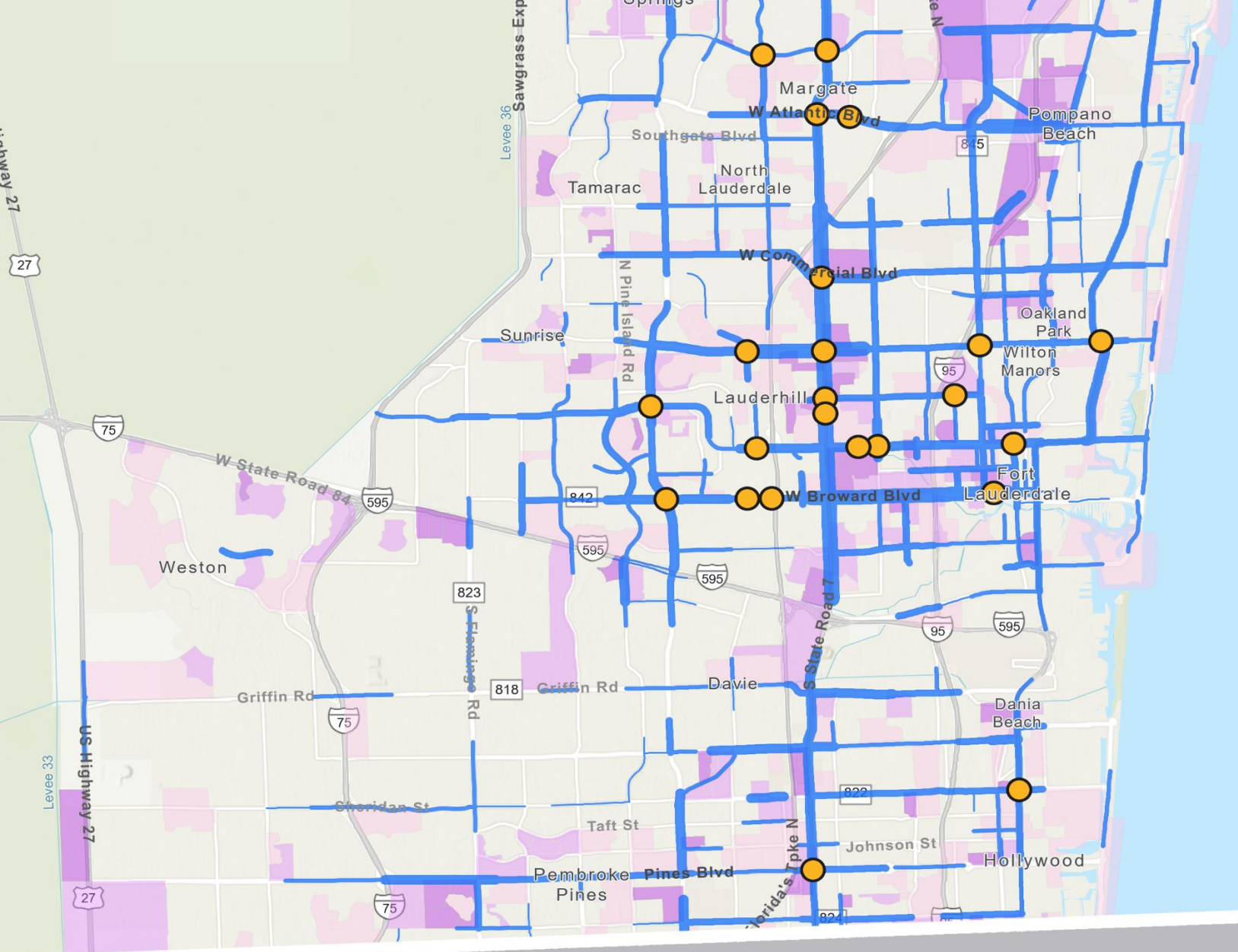


Figure 4: Approach Capacity of Roundabout at Taft St and 64th St (source: [Roundabouts: An Informational Guide](#))

Summary

This memorandum summarizes the traffic operational analysis conducted at four intersections along Taft Street in Broward, Florida. Taft Street is a four-lane minor collector road with a center turn lane and a speed limit of 35 miles per hour (mph), running in an east-west direction. Under the proposed condition, the speed limit along Taft Street will be 30 mph and will have a lane repurposing from two lanes to one lane in each direction along Taft Street. The purpose of this study is to compare traffic operational conditions of the proposed corridor with: (i) a traffic signal and (ii) a one-lane roundabout. The results suggest that the intersections at N 66th Avenue, N 68th Avenue, and N 70th Terrace will operate at LOS D or better under existing and proposed signalized alternatives. In contrast, the N 64th Avenue intersection operates at LOS D or better currently and will drop to LOS F under both proposed alternatives. Further analysis suggests that the demand will exceed the roundabout capacity due to the combination of entering and circulating flows in the eastbound direction during the AM peak hour, along with the westbound direction in the PM peak hour.



BROWARD REGIONAL COMPREHENSIVE SAFETY ACTION PLAN

Traffic Analysis for Lane Repurposing

Taft Street North 70th Terrace to US 441/SR 7

April 2025

CONSULTANT TEAM



TABLE OF CONTENTS

Executive Summary..... iii

1 Introduction..... 1

2 Street Segment Conditions..... 2

2.1 Existing Lane Configuration..... 2

2.2 Proposed Lane Configuration..... 2

2.3 Crash History Review 3

2.4 Peak Hour Determination..... 4

2.5 Existing Traffic Volumes 4

2.6 Future Traffic Volumes..... 7

3 Traffic Operations Evaluation..... 10

3.1 Segment Analysis..... 10

3.2 Intersection Analysis..... 11

4 Conclusion 14

Appendix..... 15

LIST OF TABLES

Table 1: Corridor Crash Data..... 4

Table 2: Data Collection Date and Peak Hour Time at Intersections 4

Table 3: Segment LOS Analysis..... 11

Table 4: Intersection LOS 12

LIST OF FIGURES

Figure 1 Taft Street Study Segment Location..... 1

Figure 2: View of Taft Street..... 2

Figure 3 Proposed Lane Configuration of Taft Street 3

Figure 4: Existing (2024) Traffic Volumes 6

Figure 5: Future (2044) Traffic Volumes..... 8

Figure 6: C4 Urban General Context Classification and LOS Thresholds..... 10

APPENDIX

Appendix A: Traffic Data

Appendix B Traffic Signal Timing Data

Appendix C: Growth Rate

Appendix D Intersection Traffic Analysis Results

EXECUTIVE SUMMARY

This evaluation has been conducted to support the Broward Safety Action Plan priority corridor design concept along Taft Street. This corridor was identified for evaluation of redesign to support safer streets with a goal of eliminating killed and serious injuries crashes. To support that goal, an evaluation has been conducted to address the feasibility of repurposing the number of vehicular travel lanes on Taft Street between North 70th Terrace and US 441/ SR 7 within the City of Hollywood, Florida. Specifically, this evaluation compares the existing and future traffic volumes to the capacity of the existing four-lane cross-section and to the capacity of an alternative two-lane cross-section. A comparative traffic demand forecast and level of service evaluation has been conducted to evaluate existing (2024) and long-range future (2044) traffic demands with and without a lane repurposing.

The traffic level of service on the study segment were analyzed at the segment and intersection level within the following scenarios: Existing (2024) No-Build condition, Existing (2044) Build condition, Future (2044) No-Build condition, and Future (2044) Build condition. The analysis demonstrates that with the lane repurposing project, the roadway segment will operate at an acceptable level of service comparable to the No-Build condition, and that the reduced lane configuration can be implemented while still maintaining adequate traffic operations in the corridor.

1 INTRODUCTION

This report analyzes the repurposing of travel lanes to accommodate safe streets improvements on Taft Street in Hollywood, Florida. The traffic operational evaluation analyzes the feasibility of reducing the number of vehicular through travel lanes from two-lanes to one-lane in each direction on Taft Street from North 70th Terrace to US 441/SR 7 within the City of Hollywood, Florida.

Existing and future traffic volumes are compared to the capacity of the existing four-lane street with two-way left turn lane with an alternative 2-lane street with wide median. The analysis included the intersections of N. 70th Avenue (signalized intersection), N. 68th Avenue (signalized intersection), N. 66th Avenue (signalized intersection), and N. 64th Avenue (signalized intersection). A comparative traffic demand forecast, and level of service evaluation is presented to address existing and future (2044) traffic demands, with and without the proposed lane repurposing. The location of the study segment is shown in **Figure 1**.

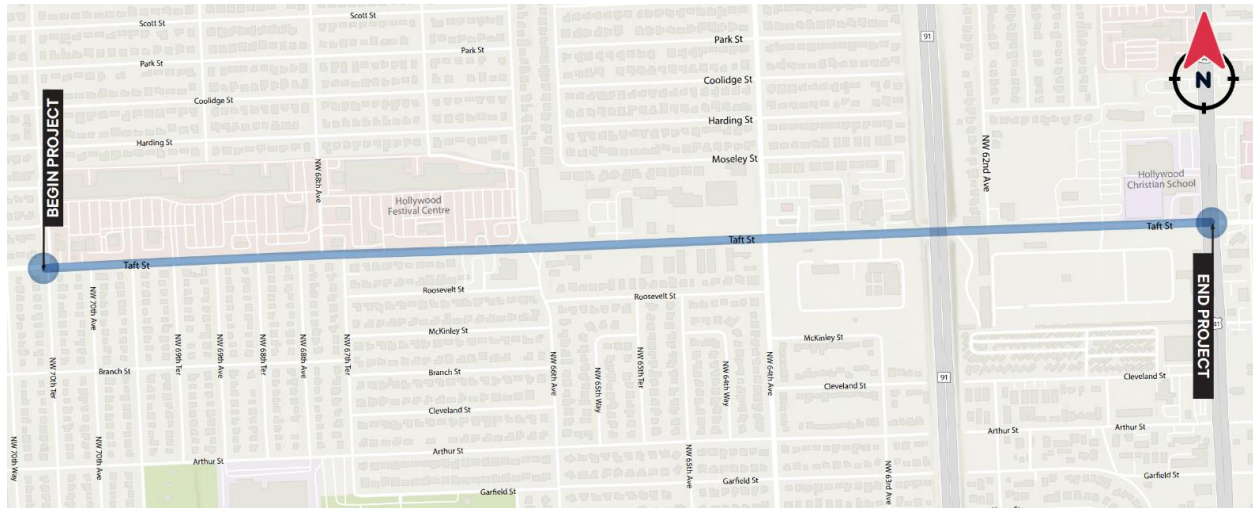


FIGURE 1 TAFT STREET STUDY SEGMENT LOCATION

2 STREET SEGMENT CONDITIONS

2.1 EXISTING LANE CONFIGURATION

Taft Street is a east-west, four-lane minor arterial road with a two-way center turn lane posted speed limit of 35 miles per hour (mph). In contrast, N 64th Avenue, N 66th Avenue, N 68th Avenue, and N 70th Terrace are two-lane, undivided minor collector streets that run in a north-south direction. The existing intersection of Taft Street and the cross streets are signalized. **Figure 2** illustrates a view of the current conditions on Taft Street. There are continuous 5-foot-wide sidewalks on both sides of the street and about 10 transit stops along this segment on Taft Street. In the existing condition, no bike facilities exist.



FIGURE 2: VIEW OF TAFT STREET

2.2 PROPOSED LANE CONFIGURATION

Lane repurposing is being proposed for Taft Street as part of a broader effort to enhance the safety, mobility, and overall efficiency of the corridor. Under this proposal, the number of traffic lanes will be reduced from two-lanes in each direction to one-lane per direction. This modification aims to improve traffic flow while also encouraging safer driving behaviors, particularly in areas where pedestrian and cyclist activity is high.

The change is also designed to create a more balanced streetscape by reallocating the newly available space for other purposes, such as bike lanes, wider sidewalks, or medians to increase green space. By reallocating road space in this manner, the street is expected to better serve the needs of all road users, including pedestrians, cyclists, transit and vehicles as shown in **Figure 3**.

In addition to lane repurposing, the proposal includes a reduction in the speed limit along Taft Street from the current limit of 35 mph to 30 mph, marking a 5 mph decrease. This speed limit change aligns with efforts to reduce the risk of crashes, particularly in urban environments with mixed transportation modes. The lower speed limit is intended to help drivers react more quickly to potential hazards, improve safety, and foster a more community-oriented environment.



Page 3

An analysis of the crash data revealed that there is no significant trend or occurrence of crashes that would likely worsen due to the proposed lane repurposing. In fact, considering the high speeds in the area, implementing the lane repurposing is expected to moderate travel speeds, which could lead to a decrease in the severity of crashes.

TABLE 1: CORRIDOR CRASH DATA

Total Crashes	417
Daytime Total Crashes	81 % Daytime Crashes
Nighttime Total Crashes	19% Nighttime Crashes
Intersection Total Crashes	66% Intersection Crashes
KSI Crashes	8
Fatal Crashes	25% Killed Crashes
Intersection KSI Crashes	25% Intersection KSI Related Crash
Nighttime KSI Crashes	63% Nighttime KSI
Daytime KSI Crashes	37% Daytime KSI

2.4 PEAK HOUR DETERMINATION

Traffic counts for the peak periods at the study intersections were collected in 2024 and provided in **Appendix A**. The data collection date and the determined peak hour for each intersection are summarized in **Table 2**.

TABLE 2: DATA COLLECTION DATE AND PEAK HOUR TIME AT INTERSECTIONS

Intersection	Data Collection Date	Peak Hour	
		AM Peak	PM Peak
Taft Street and N 64th Avenue	10/15/2024	7:15 AM - 8:15 AM	5:00 PM – 6:00 PM
Taft Street and N 66th Avenue	10/8/2024	7:15 AM - 8:15 AM	5:30 PM – 6:30 PM
Taft Street and N 68th Avenue	10/15/2024	7:15 AM - 8:15 AM	4:45 PM - 5:45 PM
Taft Street and N 70th Terrace	11/7/2024	7:30 AM - 8:30 AM	4:45 PM - 5:45 PM

2.5 EXISTING TRAFFIC VOLUMES

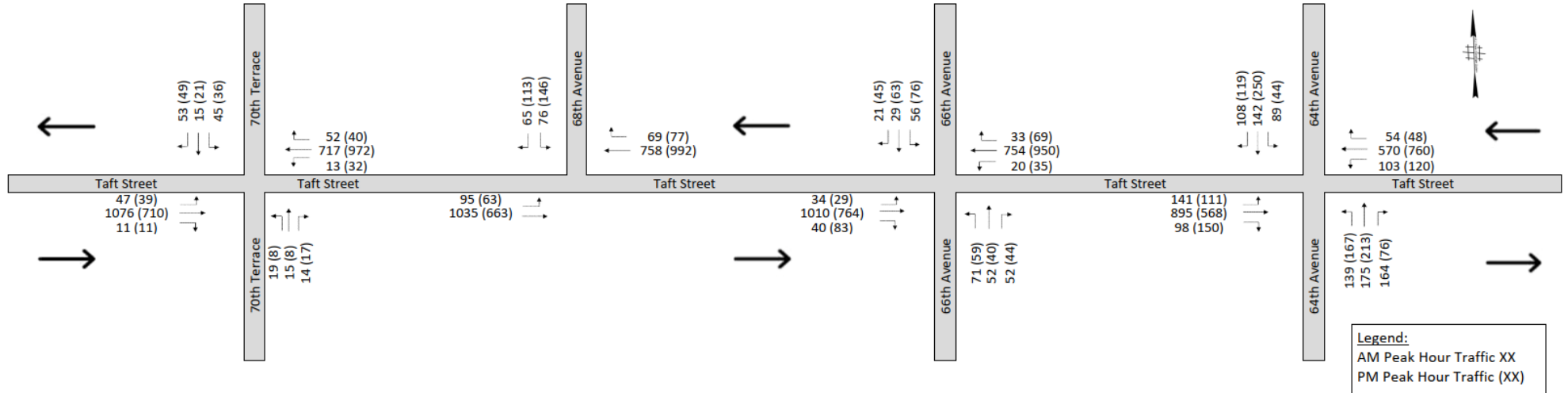
Intersection turning movement counts were taken at the four intersections between 7:00 - 10:00 AM and 4:00 - 7:00 PM in 15-minute intervals. The Florida Department of Transportation (FDOT) peak season conversion factor of 1.00 is applied to the turning movement counts for the three intersection counts taken in October including Taft Street and N 64th Avenue, Taft Street and N 66th Avenue, and Taft Street and N 68th Avenue. For the traffic count data of Taft Street and N 70th Terrace collected on November 7th, a seasonal factor of 1.01 is applied.

Figure 4 shows the existing turning movement volumes at the study intersections during the weekday AM and PM peak hours. Signal timing information for the intersections

was obtained from the Broward County Public Works Department Traffic Engineering Division. The FDOT peak seasonal factor report for Broward County, and signal timing data are provided in **Appendix B**.

FIGURE 4: EXISTING (2024) TRAFFIC VOLUMES

Existing (2024) Traffic Volumes



2.6 FUTURE TRAFFIC VOLUMES

2.6.1 Traffic Growth

A background growth rate was calculated based on (i) historic growth trends at nearby FDOT traffic count stations and (ii) expected growth from the year 2015 and 2045 from the Southeast Florida Regional Planning Model (SERPM) results. Traffic growth analysis is shown in **Appendix C**.

- The Florida Department of Transportation (FDOT) Trend Analysis Tool was used to determine a growth rate based on historical Annual Average Daily Traffic (AADT) volumes. AADT data was gathered from the nearby FDOT Traffic Online PTMS (Portable Traffic Monitoring Sites) sites 869381, 868016, and 868015.

The historic growth rate analysis, based on FDOT count stations, examined linear, exponential, and decaying exponential growth rates. The station 869381 yielded a positive rate of 2.82 percent (+2.82%) based on decaying exponential growth rate (highest R Square). The station 868016 yielded a declining rate of 3.79 percent (-3.79%) based on linear growth rate (highest R Square). The station 868015 yielded a declining rate of 1.50 percent (-1.50%) based on decaying exponential growth rate (highest R Square). An average growth rate for the Taft Street corridor, based on data from three FDOT stations, was determined to be a declining rate of 0.82 percent (-0.82%).

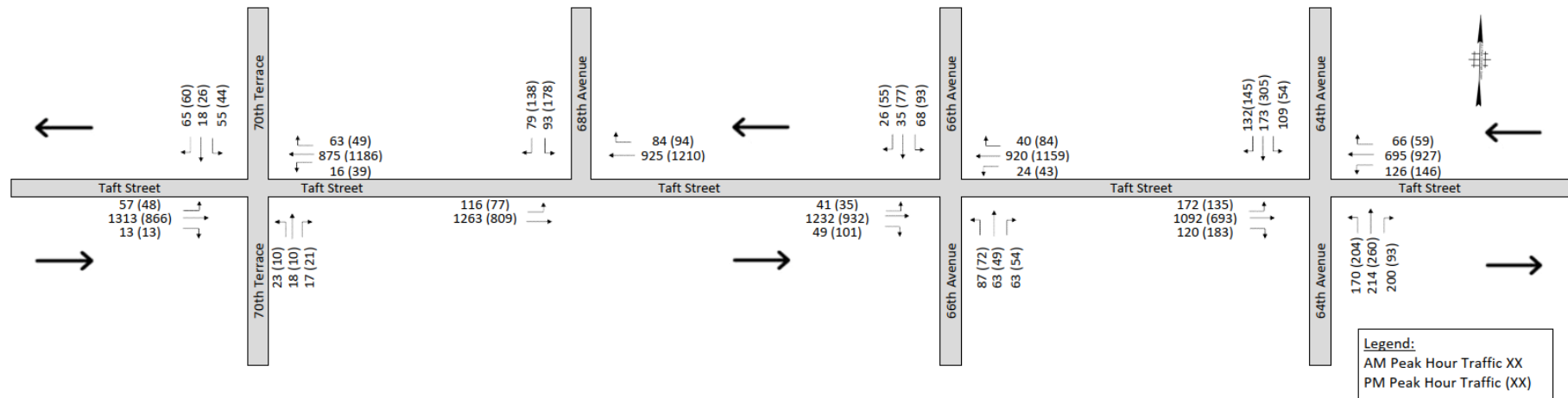
- Based on the forecasted volumes obtained from the 2015 and 2045 FSUTMS SERPM model, an annual growth rate of 0.65 percent (0.65%) in the vicinity of the Taft Street was calculated.

As shown above, the 2015 to 2045 SERPM model growth rate (0.65%) was identified as the higher of the two (2) growth rates. Hence, growth rate was selected based on the model growth rate. However, a more conservative growth rate of 1% was applied to the existing traffic volumes to come up with future volumes. This growth rate escalated from 2024 to 2044 equals a growth factor of 1.22.

2.6.2 2044 Intersection Traffic Volumes

Growth factors determined in Section 2.6.1 were utilized to project the 2024 peak hour intersection turning movement volumes to 2044 AM and PM peak hour volumes, for both the No-Build and Build scenarios. The 2044 intersection turning movements are shown in **Figure 5**.

FIGURE 5: FUTURE (2044) TRAFFIC VOLUMES



2.6.3 2044 Segment Traffic Volumes

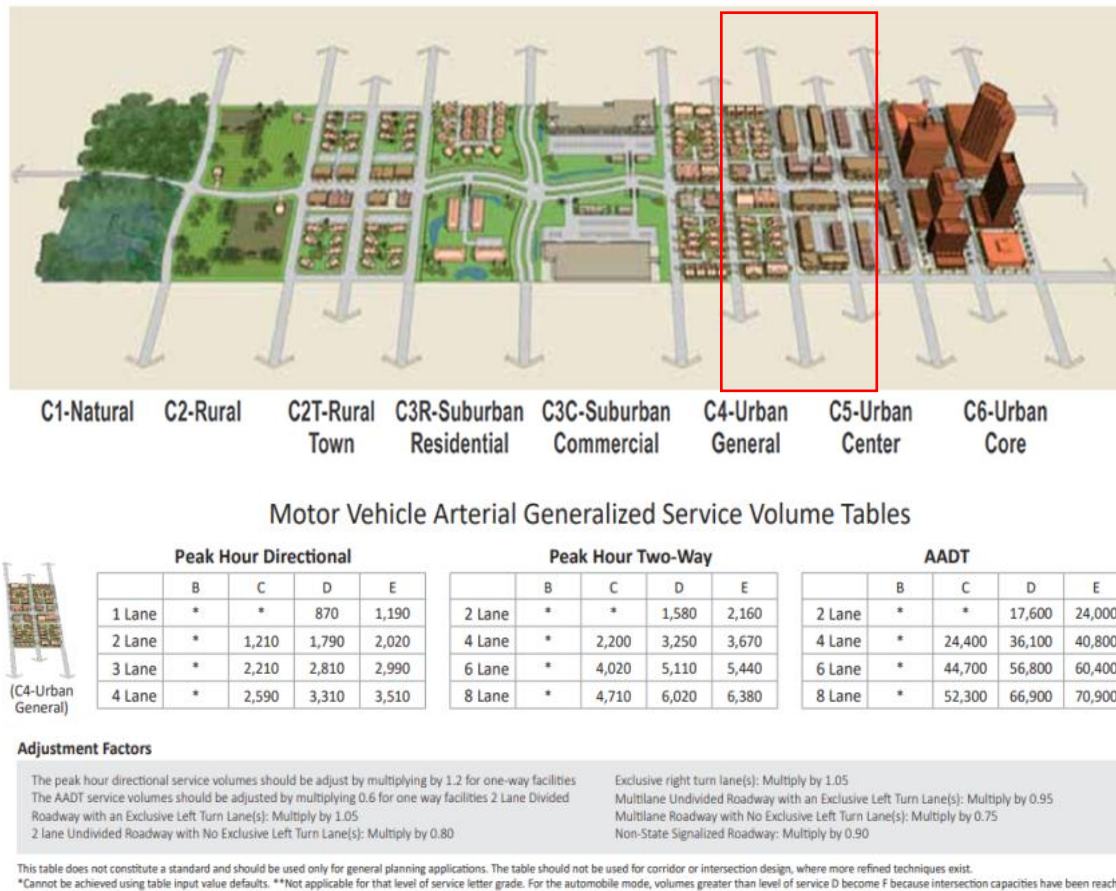
As part of the data collection efforts, directional traffic volume counts were taken in August 2024 to collect traffic volume and travel speed in 15-minute intervals for 24 hours. The count was taken on Taft St North of 69th Avenue. Output report is provided in Appendix A.

3 TRAFFIC OPERATIONS EVALUATION

3.1 SEGMENT ANALYSIS

The roadway segment of Taft Street was analyzed for 2024 and 2044 daily traffic level of service conditions, using the FDOT 2023 Multimodal Quality/Level of Service (LOS) Handbook. The C4 Urban General context classification was selected as shown in Figure 6. Generalized peak hour and daily roadway capacity thresholds were adjusted per Adjustment Factors provided in the Handbook.

FIGURE 6: C4 URBAN GENERAL CONTEXT CLASSIFICATION AND LOS THRESHOLDS



The roadway segment traffic level of service analysis was conducted for four scenarios:

- Existing (2024) No-Build Condition
- Existing (2024) Build Condition
- Future (2044) No-Build Condition
- Future (2044) Build Condition

The results of the segment analysis are shown in **Table 3** below and are summarized as follows:

- For the Existing No-Build Condition, peak hour and daily level of service is LOS C, with existing traffic volumes well below the LOS C threshold. This FDOT methodology does not allow for a LOS B result based on the input value defaults, therefore the best result possible is LOS C.
- For the Existing Build Condition, peak hour service conditions are LOS D and daily traffic conditions are LOS E, with existing traffic volumes well below the corresponding thresholds. This methodology does not allow for a LOS C result based on the input value defaults, so the best result possible is LOS D.
- For the Future No-Build Condition, peak hour service conditions are LOS C and daily traffic conditions are LOS D.
- For the Future Build Condition, peak hour service conditions are LOS D and daily traffic conditions are LOS E. This methodology does not allow for a LOS C result based on the input value defaults.

Thus, this segment LOS analysis shows that implementation of lane repurposing on Taft Street does not demonstrate any adverse traffic impacts in the corridor. Traffic diversion is not found to be necessary as the Level of Service (LOS) at the segment level remains adequate after lane reduction.

TABLE 3: SEGMENT LOS ANALYSIS

Scenarios	Facility Type	Time Period	Volume	Capacity			
				LOS C**	LOS D**	LOS E**	Estimated LOS
Existing (2024) Condition (No-Build)	4-Lane Undivided	Peak Hour Directional	1,000	1,880	2,780	3,140	LOS C
		AADT	17,800	20,900	30,900	34,900	LOS C
Existing (2024) Condition (Build)	2-Lane Divided	Peak Hour Directional	1,000	*	1,490	2,040	LOS D
		AADT	17,800	*	16,600	22,700	LOS E
Future (2044) Condition (No-Build)	4-Lane Undivided	Peak Hour Directional	1,200	1,880	2,780	3,140	LOS C
		AADT	21,700	20,900	30,900	34,900	LOS D
Future (2044) Condition (Build)	2-Lane Divided	Peak Hour Directional	1,200	*	1,490	2,040	LOS D
		AADT	21,700	*	16,600	22,700	LOS E

* Cannot be achieved using table input value defaults

** Capacity was adjusted for all the applicable factors (Non-State Signalized Roadway, Exclusive Left Turn Lanes etc.)

3.2 INTERSECTION ANALYSIS

Intersection Analysis was conducted for the study segment of Taft Street under Existing and Future conditions for No-Build and Build Scenarios. For comparison purposes, the Build Conditions of the exiting and futures scenarios were analyzed. The results are summarized below:

Traffic operational conditions were analyzed at the four study area intersections. Four scenarios were evaluated using Trafficware Synchro 12 software. When applicable, the

analysis followed the HCM 6th Edition; otherwise, HCM 2000 methodologies were applied. The four scenarios include:

- Existing (2024) Condition – No-Build
- Existing (2024) Condition – Build
- Future (2044) Condition – No-Build
- Future (2044) Condition – Build

The results of the intersection analyses are summarized in **Appendix D** for the AM and PM peak hours for each of the analysis conditions. Intersection analysis Synchro Reports are provided in **Appendix D**. The peak hour intersection level of service (LOS) analysis results is summarized below and shown in **Table 4**.

TABLE 4: INTERSECTION LOS

Intersection	Level of Service (LOS) – AM (PM)			
	Existing No-Build	Existing Build	Future No-Build	Future Build
N 64th Avenue	C (D)	D (D)	D (E)	E (E)
N 66th Avenue	A (B)	B (B)	B (B)	D (C)
N 68th Avenue	A (A)	A (B)	A (B)	B (D)
N 70th Terrace	A (A)	A (A)	A (A)	C (A)

Taft Street and 64th Avenue:

- Existing No-Build: LOS is C in the AM and D in the PM.
- Existing Build*: LOS is D in both AM and PM.
- Future No-Build: LOS is D in the AM and E in the PM.
- Future Build*: LOS is E in both AM and PM.

* In the Build Condition, dedicated right turn lanes were added on the 64th Avenue at the EB, NB, and WB approaches for an adequate operation at this signal.

Taft Street and 66th Avenue:

- Existing No-Build: LOS is A in the AM and B in the PM.
- Existing Build: LOS is B in both AM and PM.
- Future No-Build: LOS is A in the AM and C in the PM.
- Future Build: LOS is D in the AM and C in the PM.

Taft Street and 68th Avenue:

- Existing No-Build: LOS is A in both AM and PM.
- Existing Build: LOS is A in the AM and B in the PM.
- Future No-Build: LOS is A in the AM and B in the PM.
- Future Build: LOS is B in the AM and D in the PM.

Taft Street and 70th Avenue:

- Existing No-Build: LOS is A in both AM and PM.
- Existing Build: LOS is A in both AM and PM.
- Future No-Build: LOS is A in both AM and PM.
- Future Build: LOS is C in the AM and A in the PM.

Appendix D shows the Synchro analysis results for all the movements including LOS and delay. Traffic diversion is not found to be necessary as the Level of Service (LOS) at the intersections remains adequate after lane reduction.

4 CONCLUSION

This traffic analysis was utilized to understand the opportunity for a lane repurposing to improve safety along Taft Street. The main goal is to eliminate traffic killed and serious injury crashes on this corridor.

The traffic level of service on the study segment were analyzed at the segment and intersection levels within the following scenarios: Existing (2024) No-Build condition, Existing (2044) Build condition, Future (2044) No-Build condition, and Future (2044) Build condition. The analysis demonstrates that with the lane repurposing project, the roadway segment will operate at an acceptable level of service comparable to the No-Build condition, and that the reduced lane configuration can be implemented while still maintaining adequate traffic operations in the corridor.

With the proposed lane reduction, the 2024 Build condition as well as the 2044 Build condition (2-lane scenario) maintain adequate service on Taft Street, and nearby roadways. Traffic diversion is found to be not necessary as the level of service at the segment level and the intersections remain adequate after lane reduction.